

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073063.D
 Acq On : 17 May 2022 18:08
 Operator : VA/SY
 Sample : VD0517SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 05:06:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	338694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	591173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	563075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	269256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	199175	47.024	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.040%		
35) Dibromofluoromethane	7.909	113	192197	46.305	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.600%		
50) Toluene-d8	10.332	98	738655	49.054	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.100%		
62) 4-Bromofluorobenzene	12.620	95	261170	47.887	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	76542	18.073	ug/l	93
3) Chloromethane	2.209	50	79277	18.157	ug/l	92
4) Vinyl Chloride	2.344	62	71954	17.919	ug/l	99
5) Bromomethane	2.750	94	49527	17.365	ug/l	96
6) Chloroethane	2.909	64	44273	17.705	ug/l	96
7) Trichlorofluoromethane	3.262	101	130192	17.717	ug/l	98
8) Diethyl Ether	3.703	74	36277	18.042	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	76583	17.599	ug/l	98
10) Methyl Iodide	4.297	142	79297	18.598	ug/l	98
11) Tert butyl alcohol	5.179	59	72794	111.110	ug/l #	74
12) 1,1-Dichloroethene	4.056	96	73036	18.561	ug/l	88
13) Acrolein	3.921	56	36450	99.452	ug/l	98
14) Allyl chloride	4.709	41	111367	17.864	ug/l	93
15) Acrylonitrile	5.415	53	85056	88.260	ug/l	97
16) Acetone	4.156	43	67607	88.202	ug/l	96
17) Carbon Disulfide	4.403	76	238792	18.119	ug/l	98
18) Methyl Acetate	4.715	43	40167	18.307	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	166729	18.118	ug/l	97
20) Methylene Chloride	4.962	84	103515	18.607	ug/l	89
21) trans-1,2-Dichloroethene	5.468	96	85728	18.315	ug/l	91
22) Diisopropyl ether	6.356	45	248520	18.572	ug/l	97
23) Vinyl Acetate	6.303	43	663426	91.772	ug/l #	92
24) 1,1-Dichloroethane	6.262	63	147216	17.683	ug/l	98
25) 2-Butanone	7.209	43	103107	88.834	ug/l	94
26) 2,2-Dichloropropane	7.209	77	123267	17.489	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	93378	18.090	ug/l	93
28) Bromochloromethane	7.538	49	48465	16.995	ug/l #	80
29) Tetrahydrofuran	7.556	42	67883	90.891	ug/l	93
30) Chloroform	7.703	83	159097	17.861	ug/l	95
31) Cyclohexane	7.979	56	137679	18.046	ug/l #	82
32) 1,1,1-Trichloroethane	7.903	97	136817	17.928	ug/l	97
36) 1,1-Dichloropropene	8.103	75	115616	17.095	ug/l	97
37) Ethyl Acetate	7.291	43	47232	16.629	ug/l #	91
38) Carbon Tetrachloride	8.091	117	121033	17.492	ug/l	93
39) Methylcyclohexane	9.350	83	126306	16.016	ug/l	98
40) Benzene	8.344	78	340964	17.632	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	24660	15.397	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	99953	17.757	ug/l	96
43) Isopropyl Acetate	8.444	43	92532	17.522	ug/l	93
44) Trichloroethene	9.103	130	91089	17.414	ug/l	90
45) 1,2-Dichloropropane	9.379	63	88618	17.646	ug/l	91
46) Dibromomethane	9.467	93	48128	17.331	ug/l	99
47) Bromodichloromethane	9.656	83	120042	17.020	ug/l #	99
48) Methyl methacrylate	9.450	41	45128	17.229	ug/l	89
49) 1,4-Dioxane	9.456	88	10154	351.218	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	241567	87.657	ug/l	94
52) Toluene	10.397	92	223258	18.184	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	111838	17.387	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	133469	17.599	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	63279	16.695	ug/l	95
56) Ethyl methacrylate	10.656	69	72233	16.851	ug/l #	86
57) 1,3-Dichloropropane	10.932	76	108814	16.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	151240	83.051	ug/l	95
59) 2-Hexanone	10.973	43	157791	86.676	ug/l	97
60) Dibromochloromethane	11.132	129	82759	17.575	ug/l	97
61) 1,2-Dibromoethane	11.238	107	63254	17.343	ug/l	97
64) Tetrachloroethene	10.867	164	74182	17.982	ug/l	94
65) Chlorobenzene	11.661	112	231457	18.129	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	85854	17.604	ug/l	98
67) Ethyl Benzene	11.732	91	406594	18.290	ug/l	99
68) m/p-Xylenes	11.844	106	321130	37.273	ug/l	99
69) o-Xylene	12.173	106	148550	18.697	ug/l	93
70) Styrene	12.185	104	256030	18.449	ug/l	97
71) Bromoform	12.350	173	45581	17.751	ug/l #	98
73) Isopropylbenzene	12.467	105	381659	18.700	ug/l	98
74) N-amyl acetate	12.273	43	85527	17.932	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	75506	18.766	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	58852m	19.335	ug/l	
77) Bromobenzene	12.750	156	90836	18.653	ug/l	94
78) n-propylbenzene	12.808	91	487797	19.032	ug/l	99
79) 2-Chlorotoluene	12.891	91	283353	18.978	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	329653	18.960	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	22719	17.897	ug/l	88
82) 4-Chlorotoluene	12.991	91	295581	18.705	ug/l	99
83) tert-Butylbenzene	13.208	119	265146	18.003	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	327164	18.913	ug/l	99
85) sec-Butylbenzene	13.385	105	420114	18.793	ug/l	99
86) p-Isopropyltoluene	13.502	119	343929	18.914	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	186013	18.585	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	185348	18.740	ug/l	99
89) n-Butylbenzene	13.826	91	321673	18.191	ug/l	99
90) Hexachloroethane	14.097	117	68627	18.163	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	161915	18.652	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	12243	19.576	ug/l	98
93) 1,2,4-Trichlorobenzene	15.144	180	88490	17.866	ug/l	98
94) Hexachlorobutadiene	15.249	225	51175	18.510	ug/l	96
95) Naphthalene	15.379	128	160785	18.281	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	81023	18.425	ug/l	99

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Instrument :
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Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

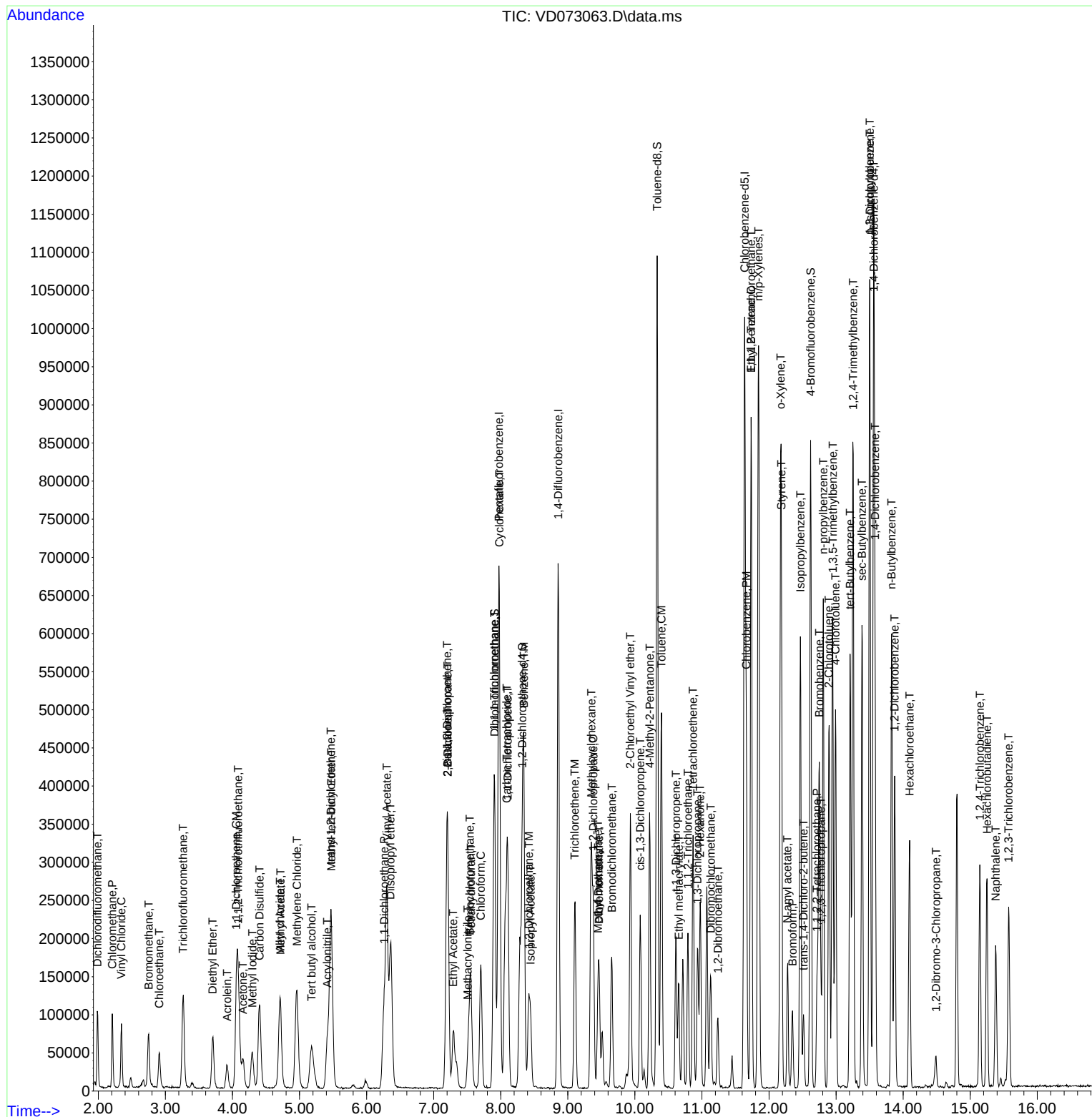
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073063.D
 Acq On : 17 May 2022 18:08
 Operator : VA/SY
 Sample : VD0517SBSD01
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 ALS Vial : 16 Sample Multiplier: 1

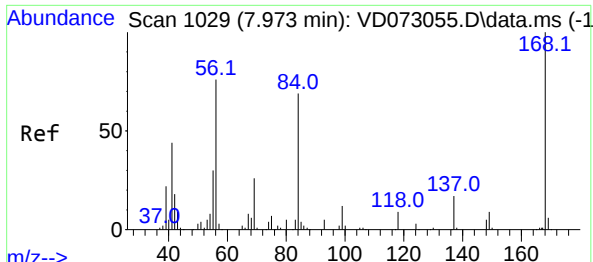
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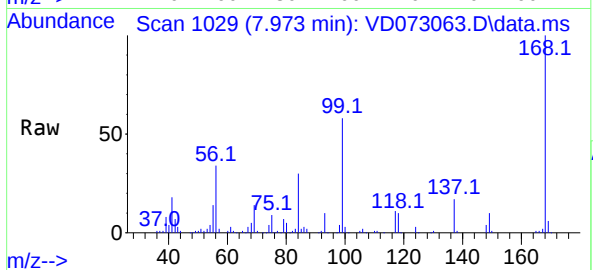
Quant Time: May 18 05:06:55 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

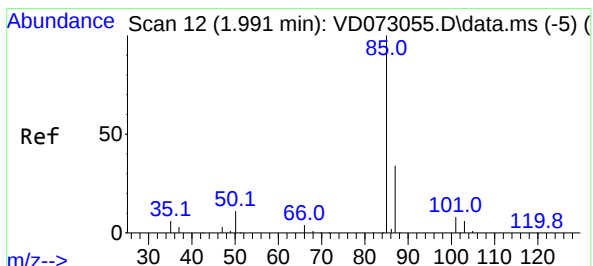
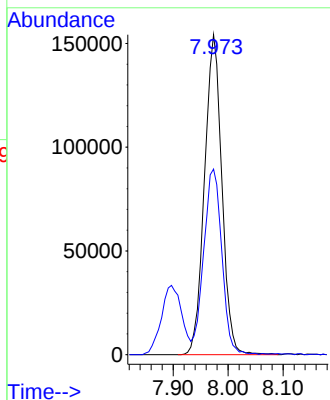
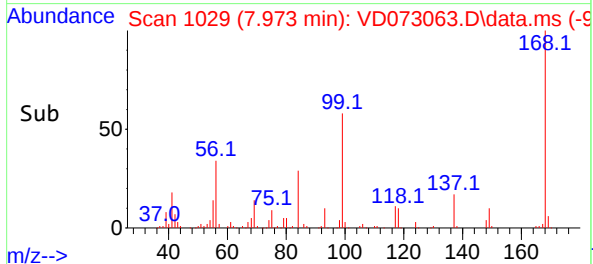
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



Tgt Ion:168 Resp: 338694
Ion Ratio Lower Upper
168 100
99 57.6 49.8 74.6

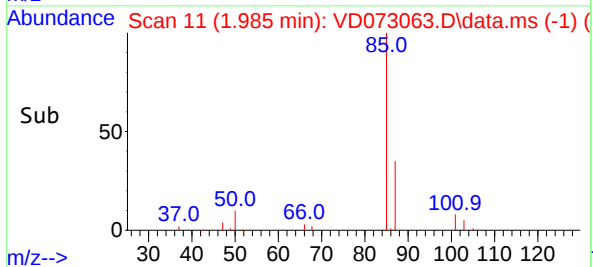
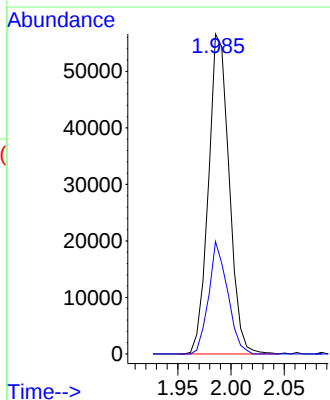
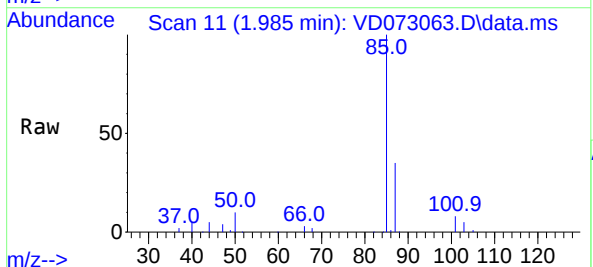
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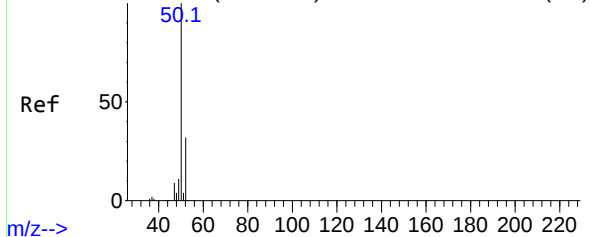


#2
Dichlorodifluoromethane
Concen: 18.073 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Tgt Ion: 85 Resp: 76542
Ion Ratio Lower Upper
85 100
87 35.1 15.7 47.0



Abundance Scan 49 (2.209 min): VD073055.D\data.ms (-43)



#3

Chloromethane

Concen: 18.157 ug/l

RT: 2.209 min Scan# 49

Delta R.T. 0.000 min

Lab File: VD073063.D

Acq: 17 May 2022 18:08

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS01

Tgt Ion: 50 Resp: 7927

Ion Ratio Lower Upper

50 100

52 29.5 27.4 41.0

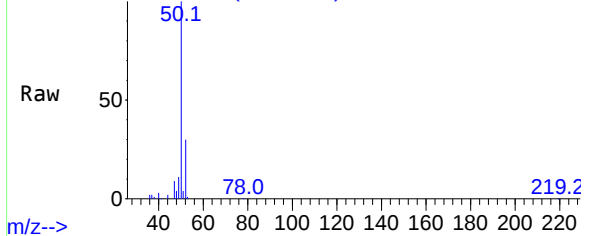
Manual Integrations

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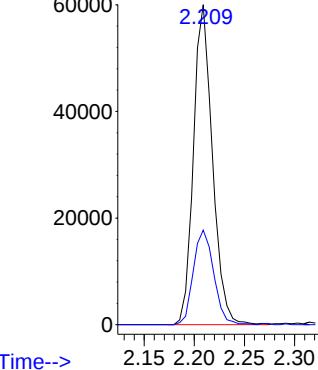
Reviewed By :John Carlone 05/18/2022

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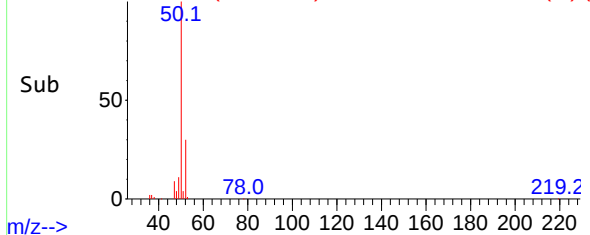
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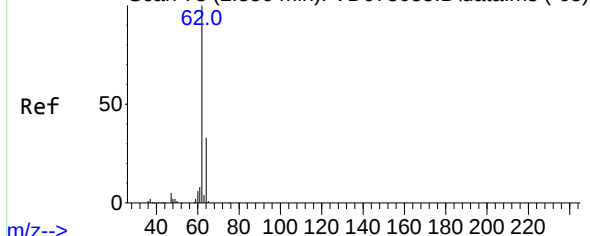
Abundance



Abundance Scan 49 (2.209 min): VD073063.D\data.ms (-1)



Abundance Scan 73 (2.350 min): VD073055.D\data.ms (-65)



#4

Vinyl Chloride

Concen: 17.919 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD073063.D

Acq: 17 May 2022 18:08

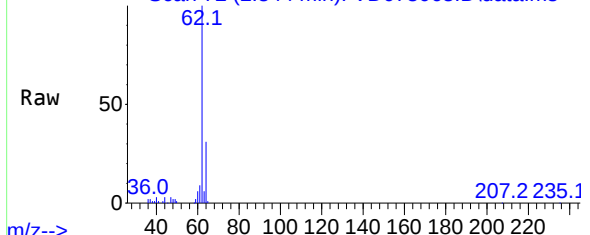
Tgt Ion: 62 Resp: 71954

Ion Ratio Lower Upper

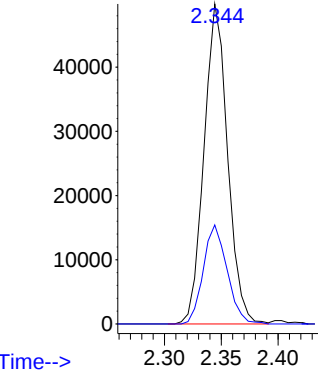
62 100

64 30.9 25.4 38.0

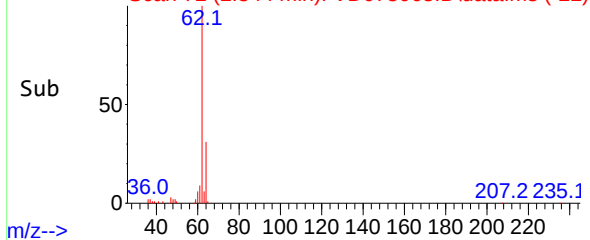
Abundance Scan 72 (2.344 min): VD073063.D\data.ms

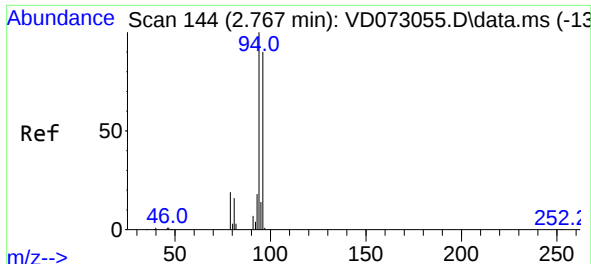


Abundance



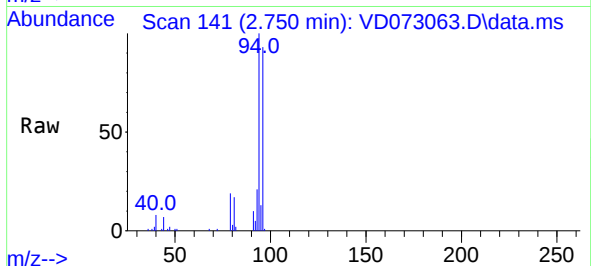
Abundance Scan 72 (2.344 min): VD073063.D\data.ms (-22)





#5
Bromomethane
Concen: 17.365 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.017 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

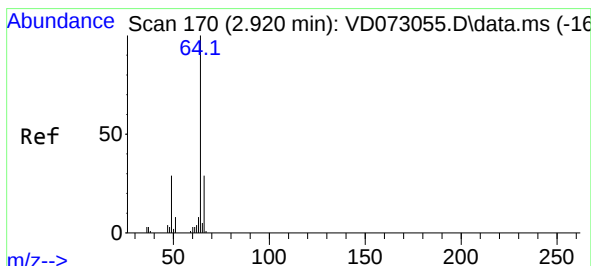
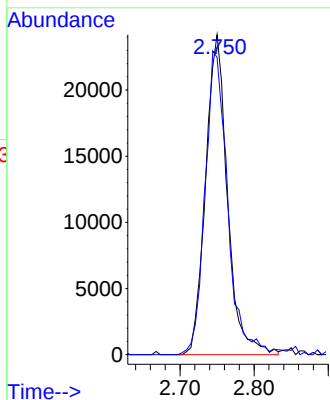
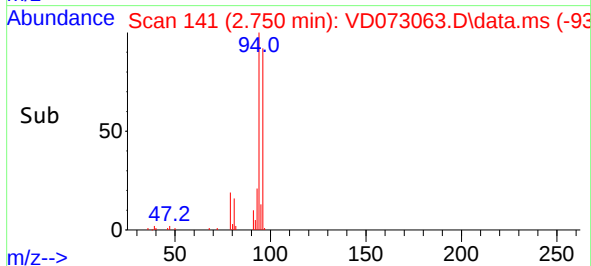
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Tgt Ion: 94 Resp: 4952
Ion Ratio Lower Upper
94 100
96 92.9 77.6 116.4

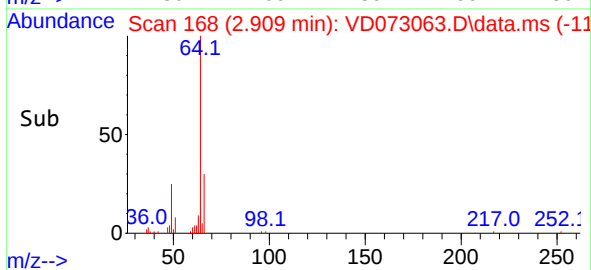
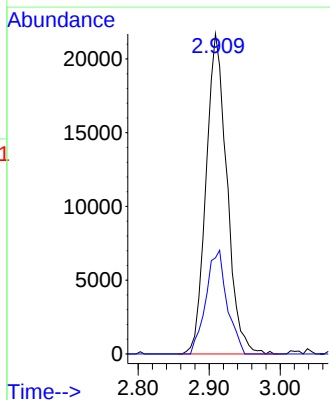
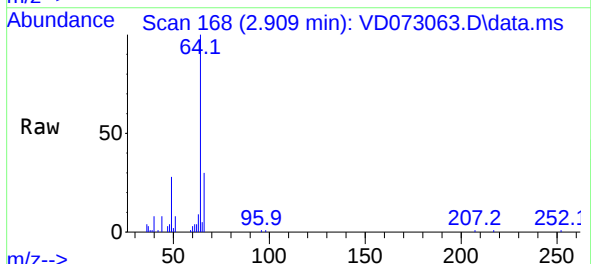
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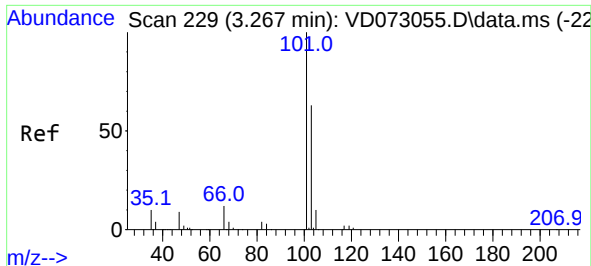
Reviewed By :John Carlone 05/18/2022
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#6
Chloroethane
Concen: 17.705 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

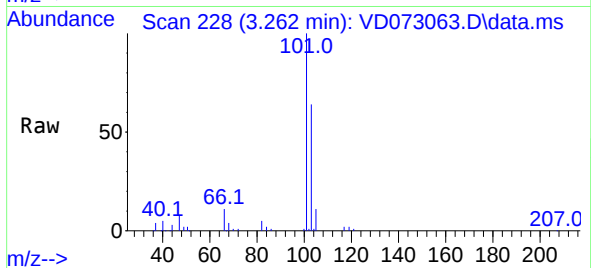
Tgt Ion: 64 Resp: 44273
Ion Ratio Lower Upper
64 100
66 30.1 25.9 38.9





#7
Trichlorofluoromethane
Concen: 17.717 ug/l
RT: 3.262 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

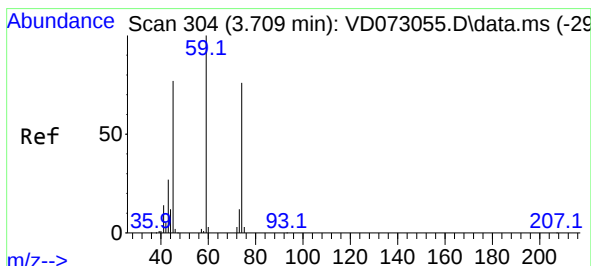
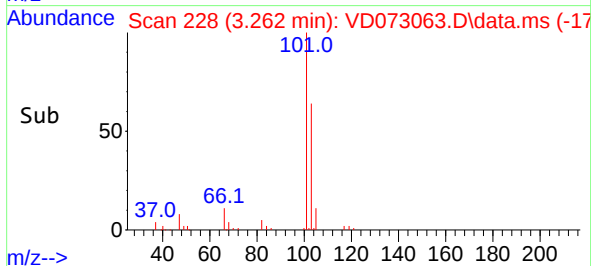
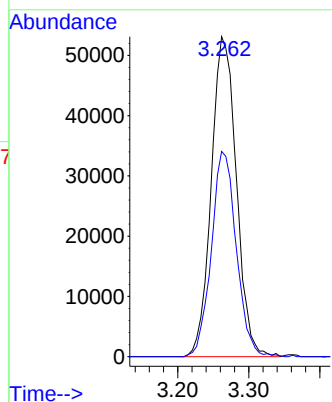
Instrument :
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Tgt Ion:101 Resp: 130192
Ion Ratio Lower Upper
101 100
103 64.2 50.1 75.1

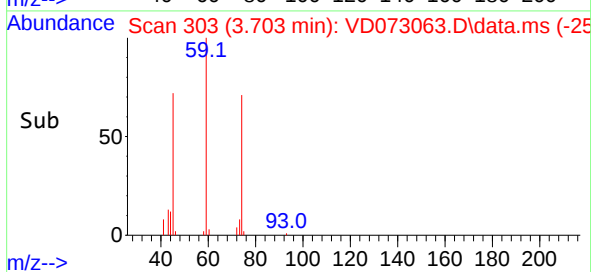
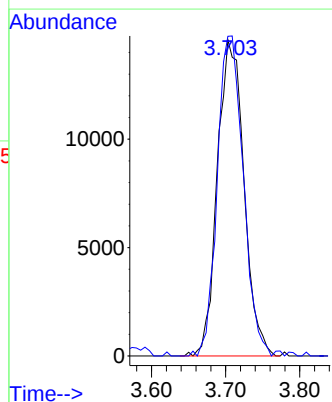
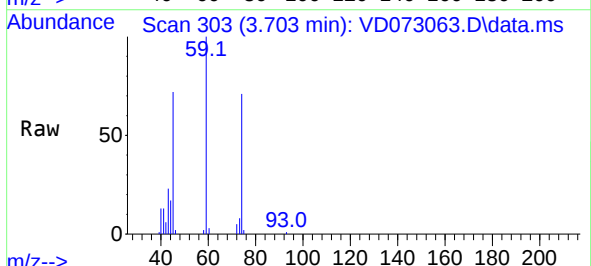
Manual Integrations
APPROVED

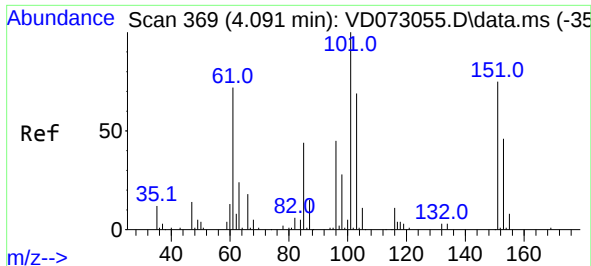
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#8
Diethyl Ether
Concen: 18.042 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Tgt Ion: 74 Resp: 36277
Ion Ratio Lower Upper
74 100
45 99.3 52.6 157.8





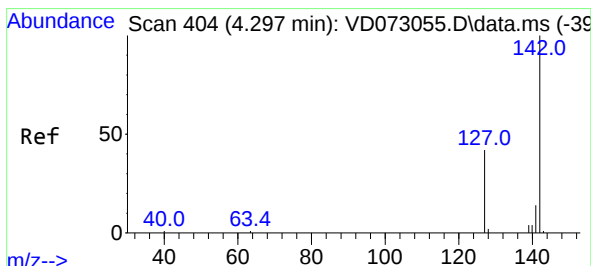
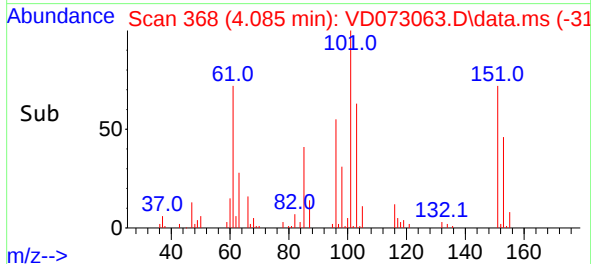
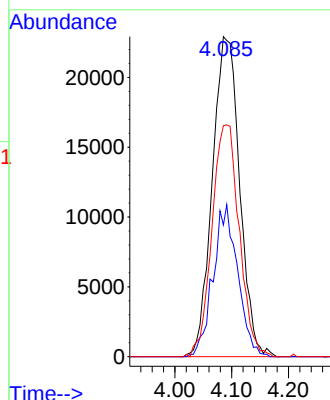
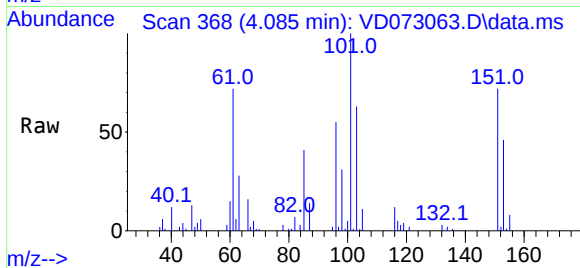
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.599 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion:101 Resp: 7658
Ion Ratio Lower Upper
101 100
85 42.7 36.4 54.6
151 72.3 57.3 85.9

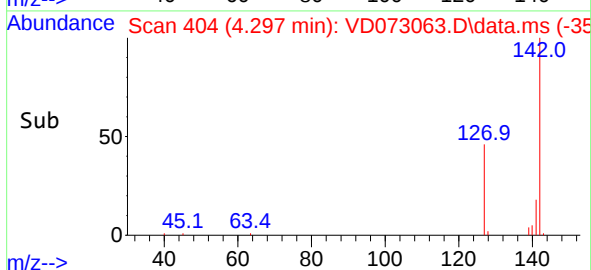
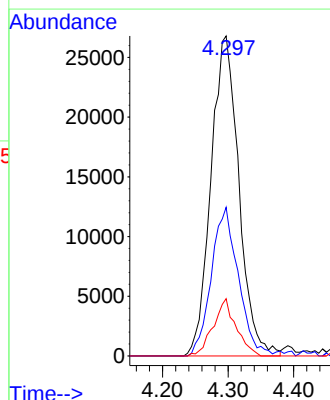
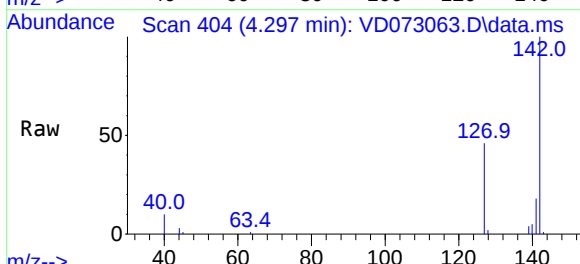
Manual Integrations
APPROVED

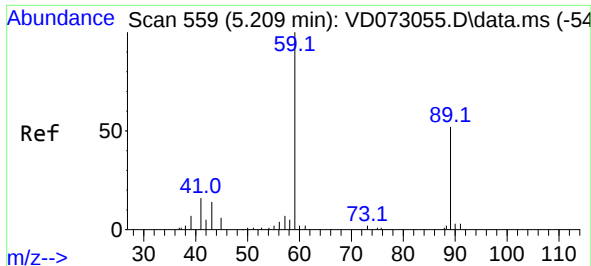
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
Methyl Iodide
Concen: 18.598 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

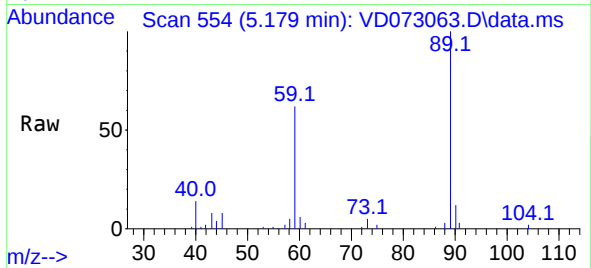
Tgt Ion:142 Resp: 79297
Ion Ratio Lower Upper
142 100
127 44.9 37.3 55.9
141 14.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 111.110 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

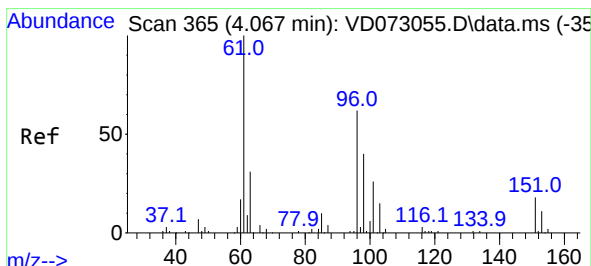
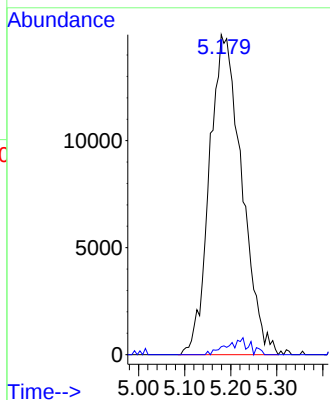
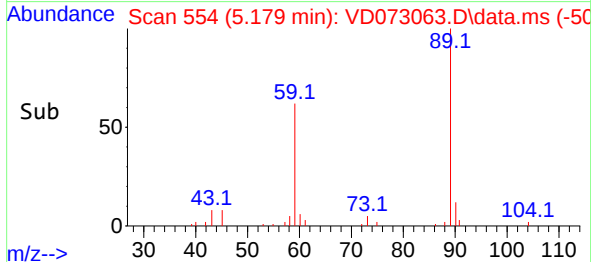
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



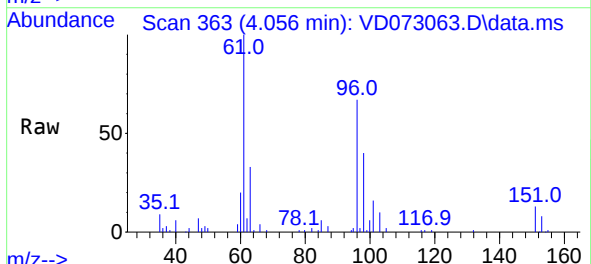
Tgt Ion: 59 Resp: 72794
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6

Manual Integrations
APPROVED

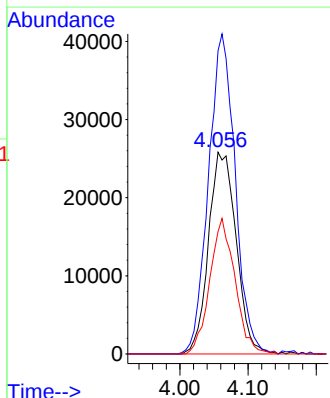
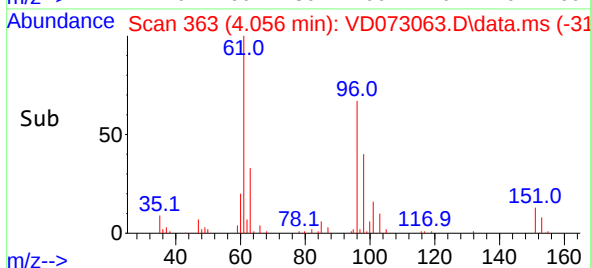
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

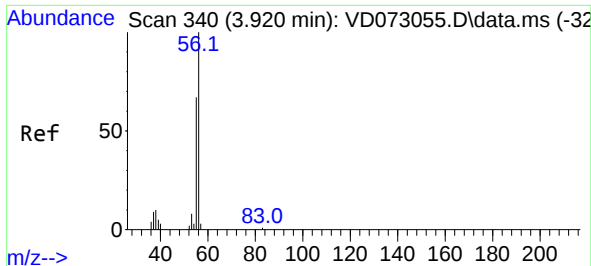


#12
1,1-Dichloroethene
Concen: 18.561 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.012 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



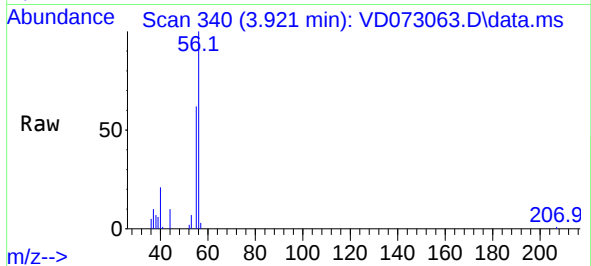
Tgt Ion: 96 Resp: 73036
Ion Ratio Lower Upper
96 100
61 150.3 138.5 207.7
98 60.7 48.6 73.0





#13
Acrolein
Concen: 99.452 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.001 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

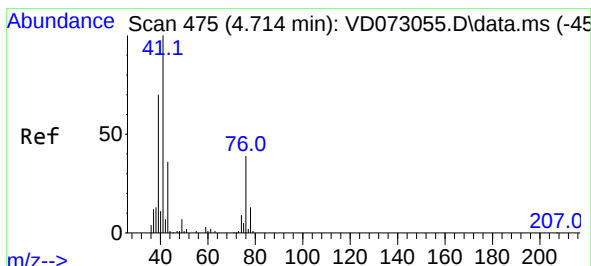
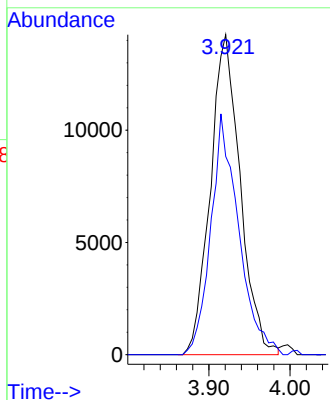
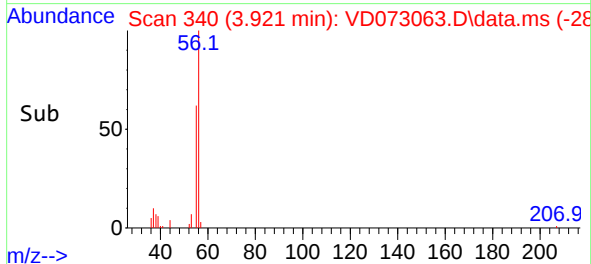
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



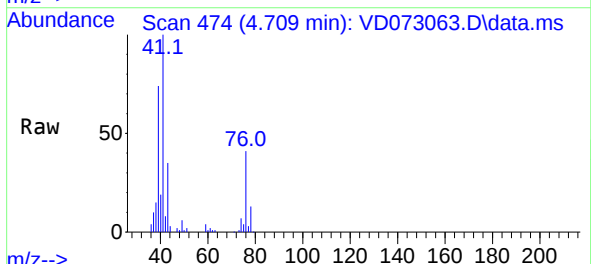
Tgt Ion: 56 Resp: 36450
Ion Ratio Lower Upper
56 100
55 70.1 57.1 85.7

Manual Integrations
APPROVED

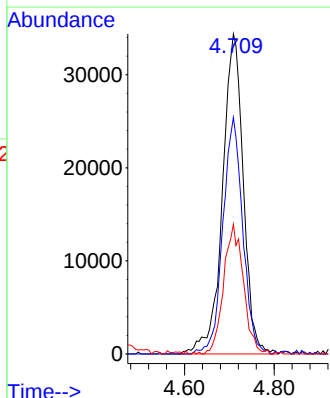
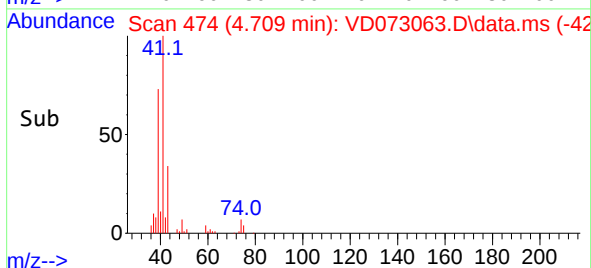
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

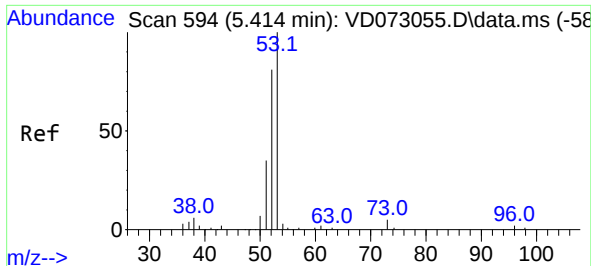


#14
Allyl chloride
Concen: 17.864 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



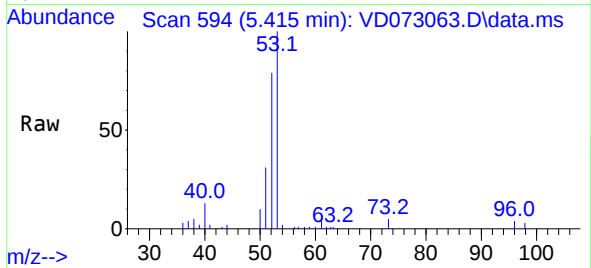
Tgt Ion: 41 Resp: 111367
Ion Ratio Lower Upper
41 100
39 70.2 59.3 88.9
76 38.2 25.7 38.5





#15
Acrylonitrile
Concen: 88.260 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

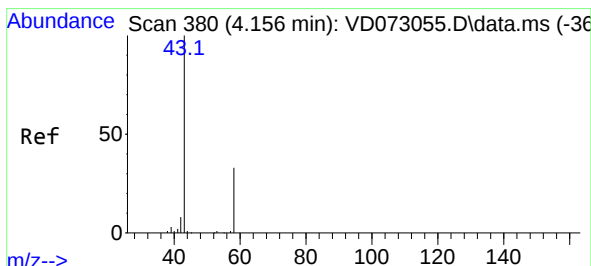
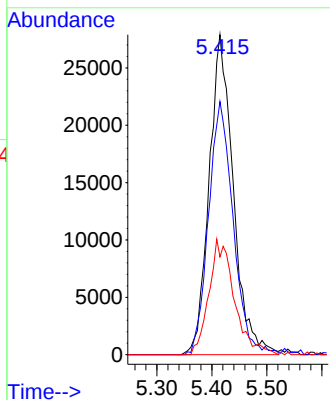
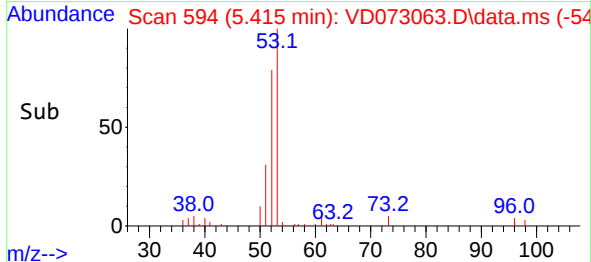
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



Tgt Ion: 53 Resp: 8505
Ion Ratio Lower Upper
53 100
52 80.7 67.2 100.8
51 37.9 30.3 45.5

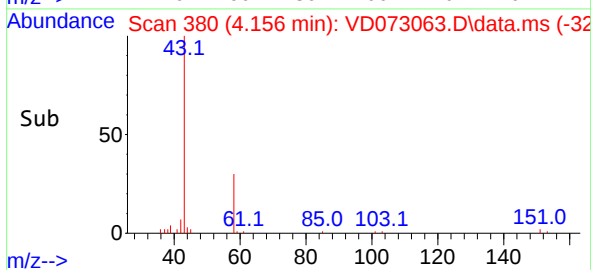
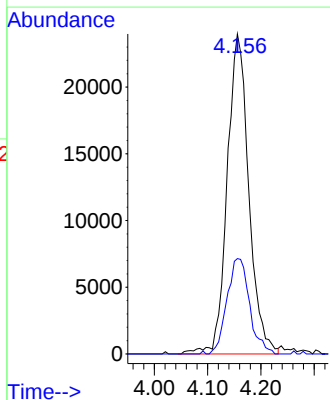
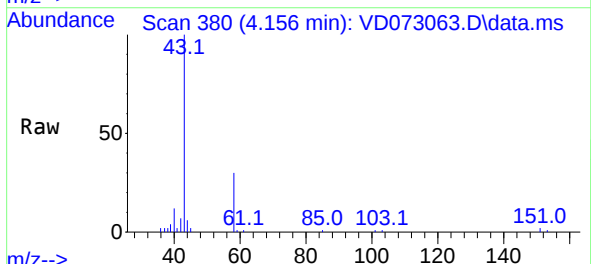
Manual Integrations
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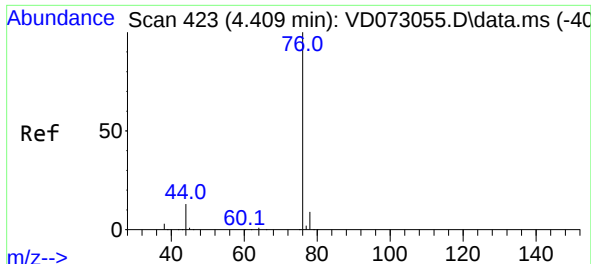
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#16
Acetone
Concen: 88.202 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

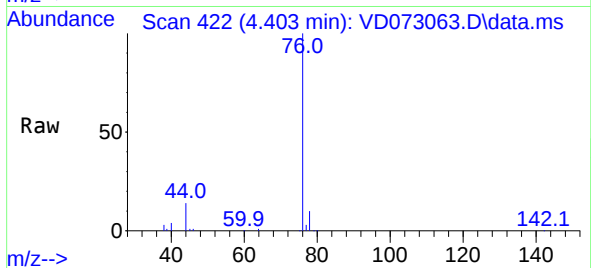
Tgt Ion: 43 Resp: 67607
Ion Ratio Lower Upper
43 100
58 29.8 22.1 33.1





#17
Carbon Disulfide
Concen: 18.119 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

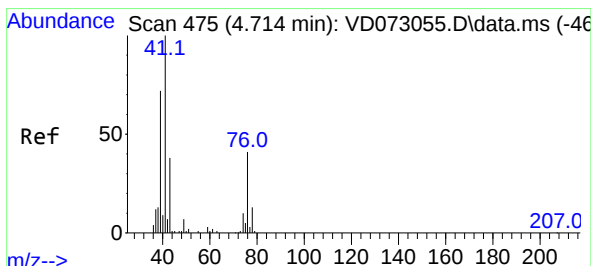
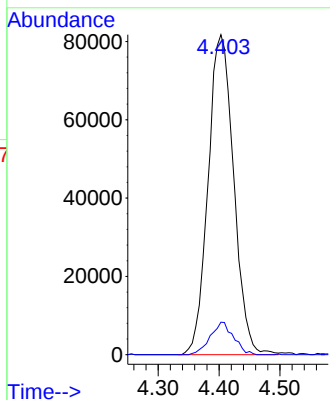
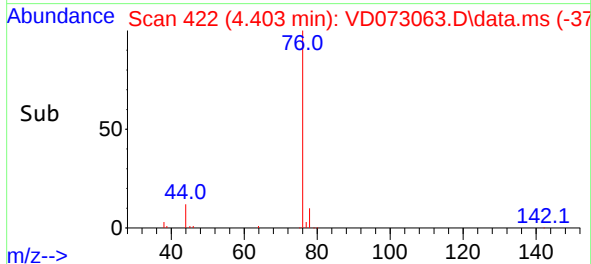
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



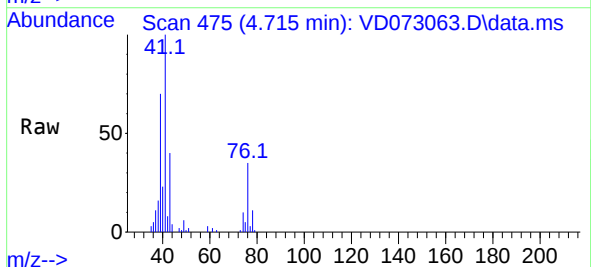
Tgt Ion: 76 Resp: 238792
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3

Manual Integrations
APPROVED

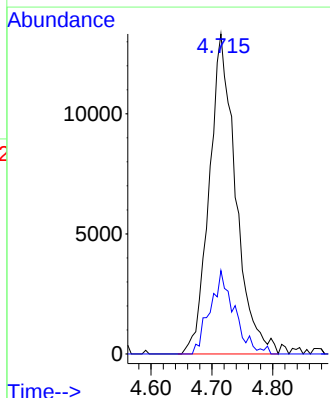
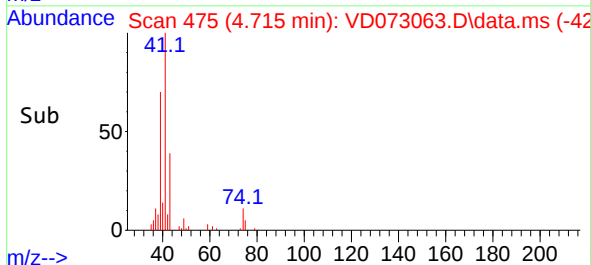
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

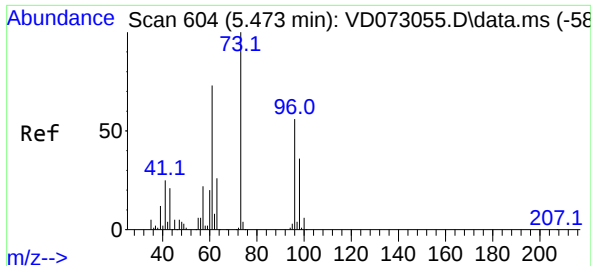


#18
Methyl Acetate
Concen: 18.307 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.001 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



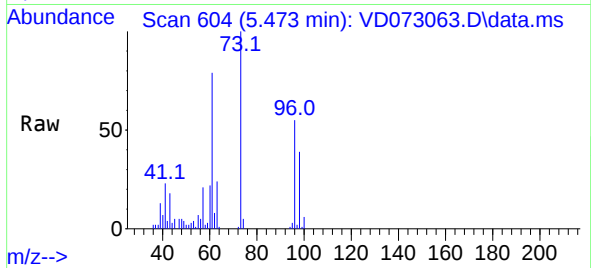
Tgt Ion: 43 Resp: 40167
Ion Ratio Lower Upper
43 100
74 24.1 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 18.118 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

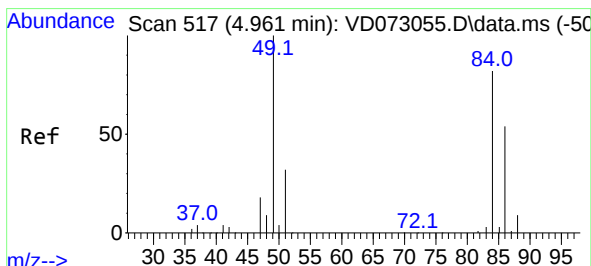
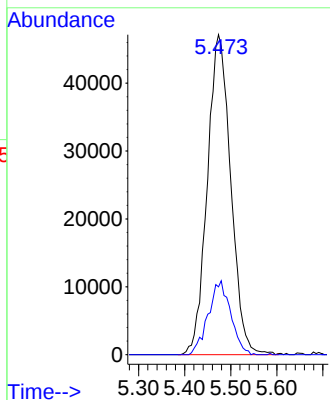
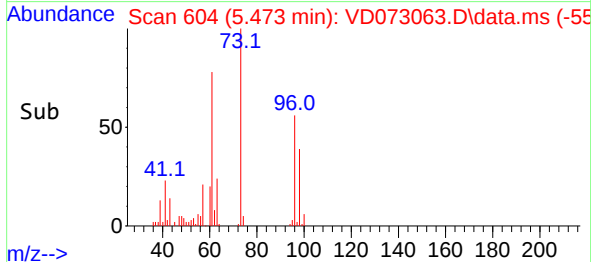
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



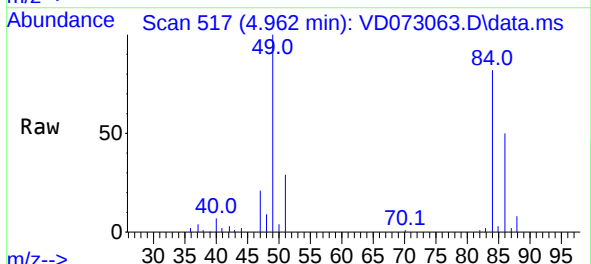
Tgt Ion: 73 Resp: 166729
Ion Ratio Lower Upper
73 100
57 21.2 18.0 27.0

Manual Integrations
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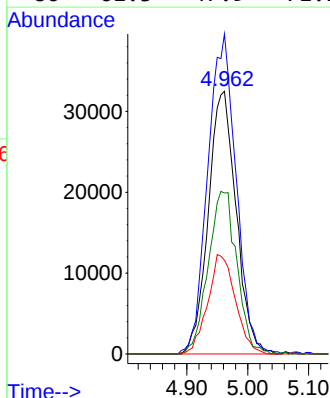
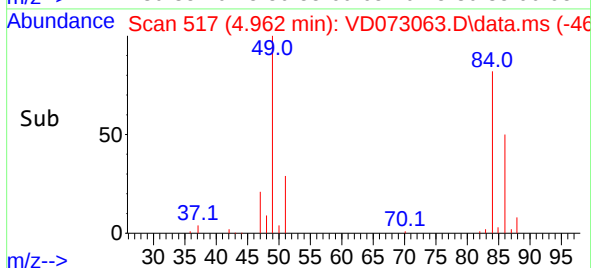
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

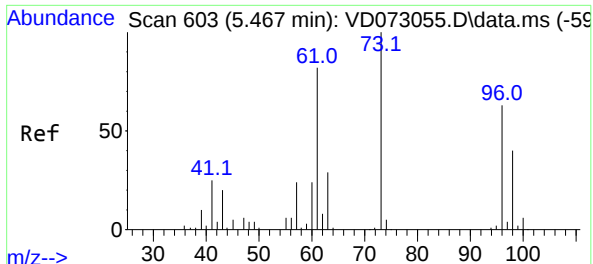


#20
Methylene Chloride
Concen: 18.607 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



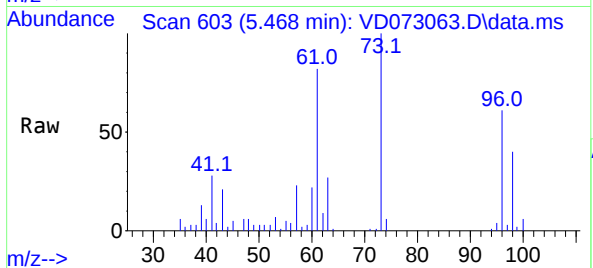
Tgt Ion: 84 Resp: 103515
Ion Ratio Lower Upper
84 100
49 121.8 112.8 169.2
51 35.7 32.6 48.8
86 61.3 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 18.315 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

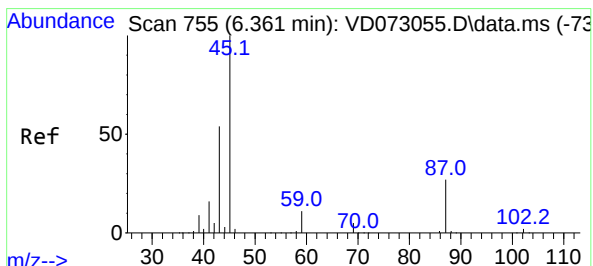
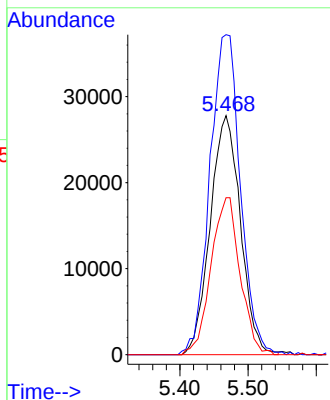
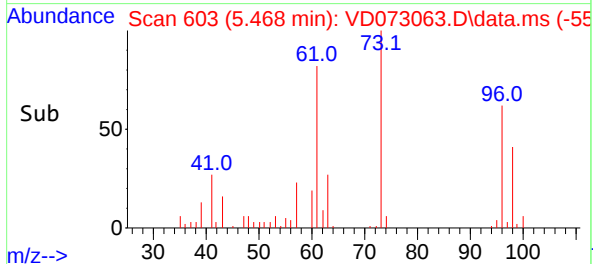
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



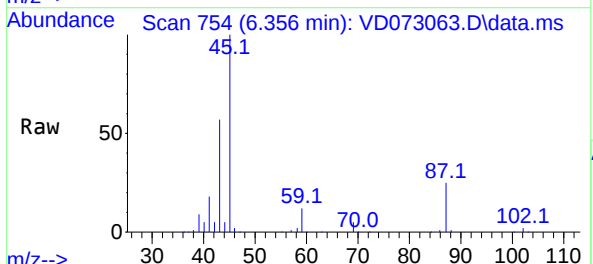
Tgt Ion: 96 Resp: 85728
Ion Ratio Lower Upper
96 100
61 133.9 117.9 176.9
98 65.7 49.4 74.2

Manual Integrations
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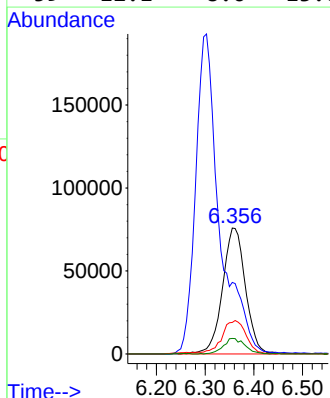
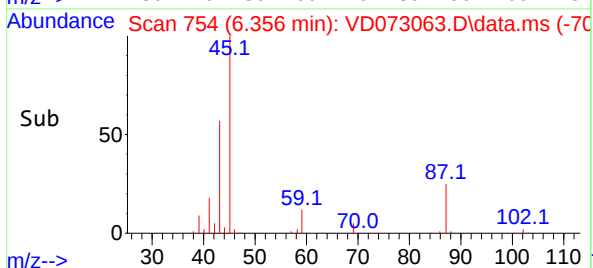
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

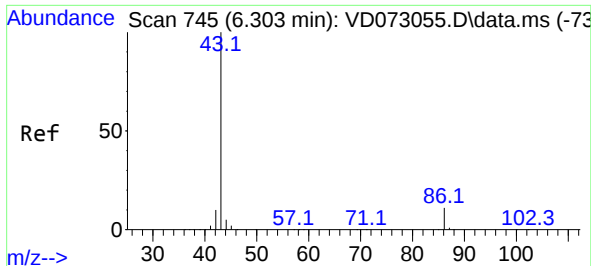


#22
Diisopropyl ether
Concen: 18.572 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



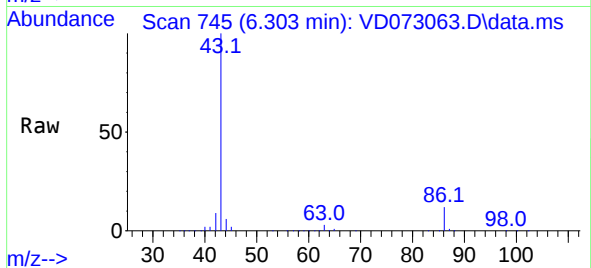
Tgt Ion: 45 Resp: 248520
Ion Ratio Lower Upper
45 100
43 55.7 46.6 70.0
87 24.8 18.4 27.6
59 12.1 8.6 13.0





#23
 Vinyl Acetate
 Concen: 91.772 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073063.D
 Acq: 17 May 2022 18:08

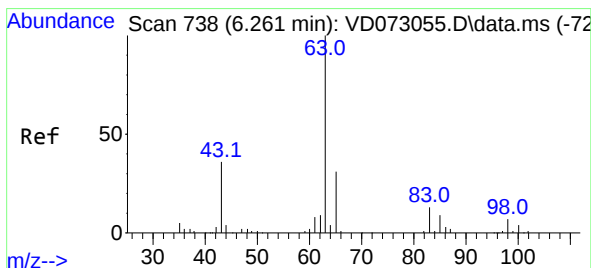
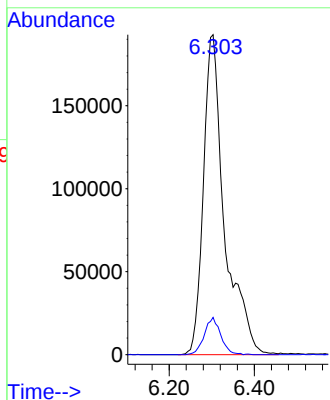
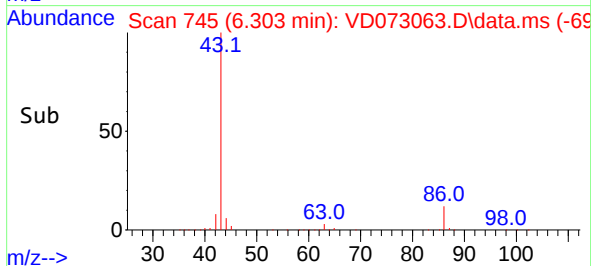
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS01



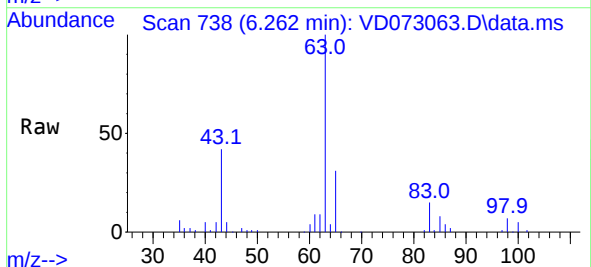
Tgt Ion: 43 Resp: 663420
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7

Manual Integrations
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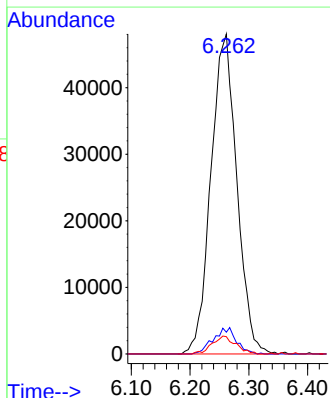
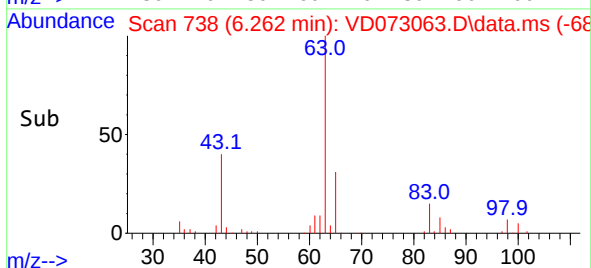
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

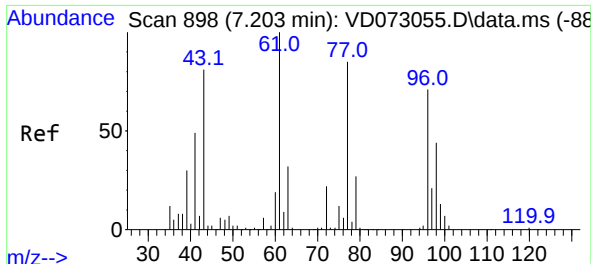


#24
 1,1-Dichloroethane
 Concen: 17.683 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073063.D
 Acq: 17 May 2022 18:08



Tgt Ion: 63 Resp: 147216
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 5.4 2.1 6.5





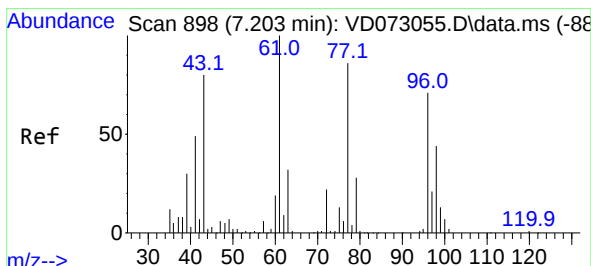
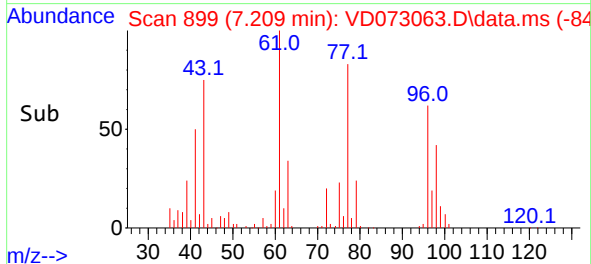
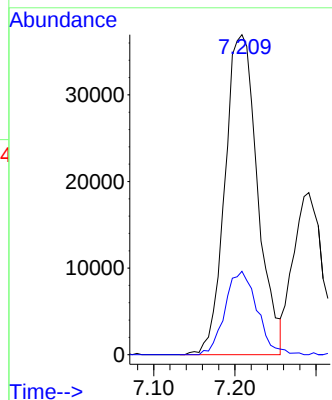
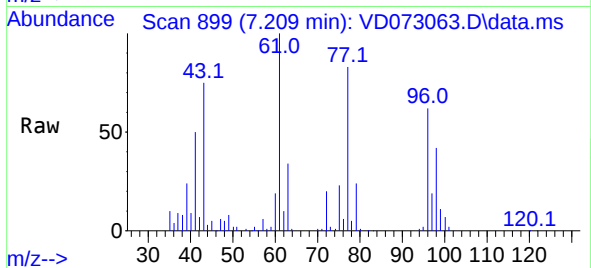
#25
2-Butanone
Concen: 88.834 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01

Tgt Ion: 43 Resp: 10310
Ion Ratio Lower Upper
43 100
72 26.1 18.6 27.8

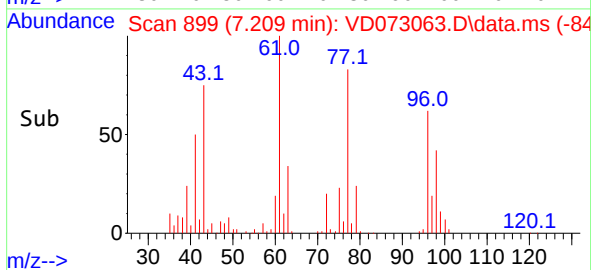
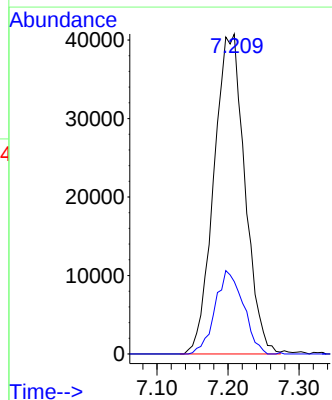
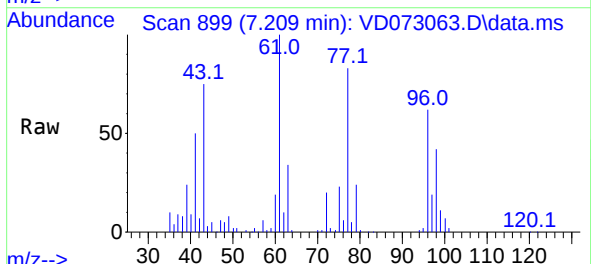
Manual Integrations
APPROVED

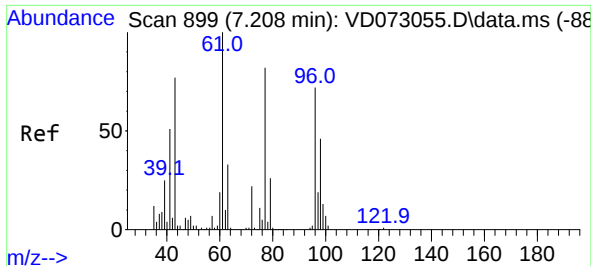
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#26
2,2-Dichloropropane
Concen: 17.489 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

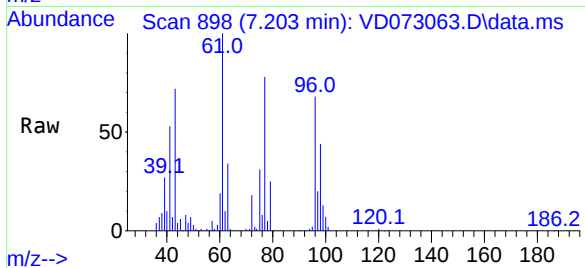
Tgt Ion: 77 Resp: 123267
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.4





#27
 cis-1,2-Dichloroethene
 Concen: 18.090 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073063.D
 Acq: 17 May 2022 18:08

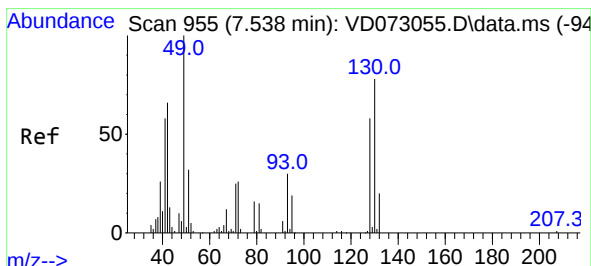
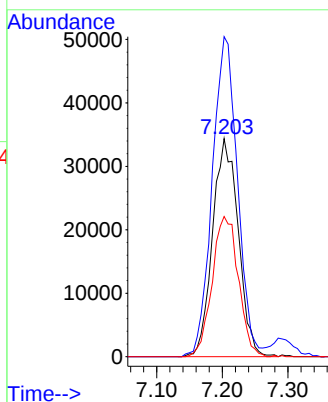
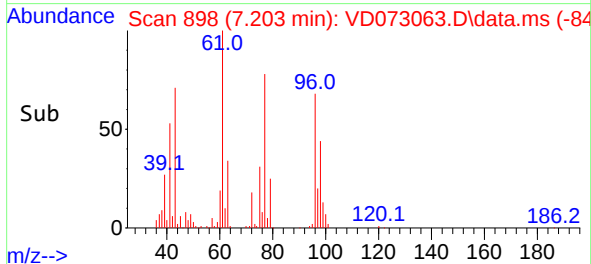
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS01



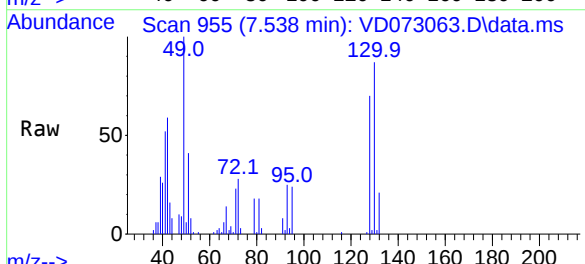
Tgt Ion: 96 Resp: 93378
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 313.8
 98 65.6 0.0 128.8

Manual Integrations
 APPROVED

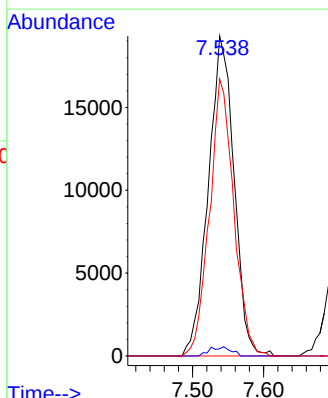
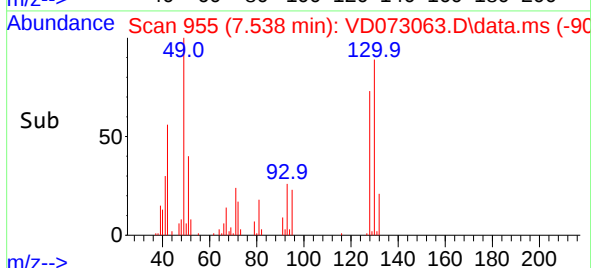
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

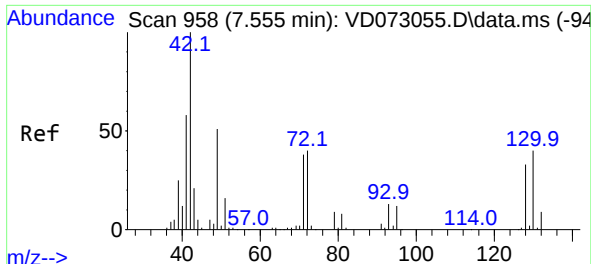


#28
 Bromochloromethane
 Concen: 16.995 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD073063.D
 Acq: 17 May 2022 18:08



Tgt Ion: 49 Resp: 48465
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 81.8 52.6 79.0#





#29

Tetrahydrofuran

Concen: 90.891 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073063.D

Acq: 17 May 2022 18:08

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBSD01

Tgt Ion: 42 Resp: 6788

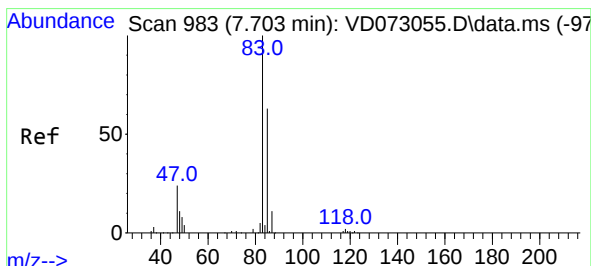
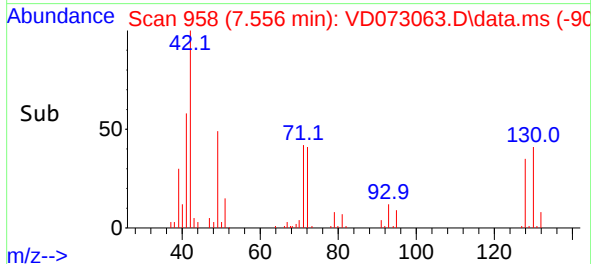
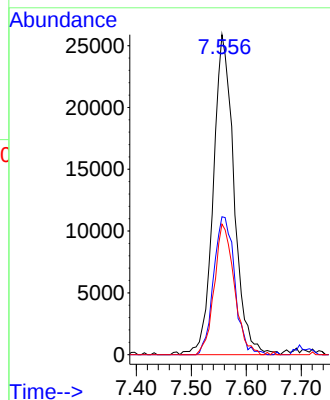
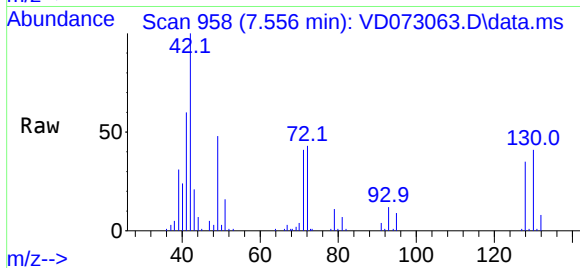
Ion	Ratio	Lower	Upper
42	100		
72	43.7	30.7	46.1
71	39.2	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#30

Chloroform

Concen: 17.861 ug/l

RT: 7.703 min Scan# 983

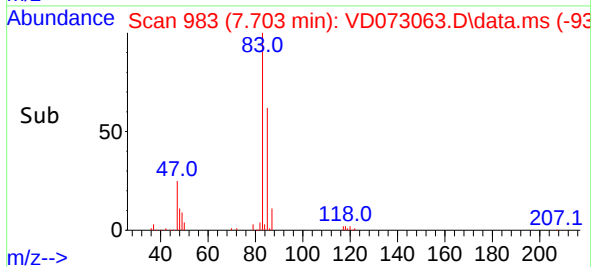
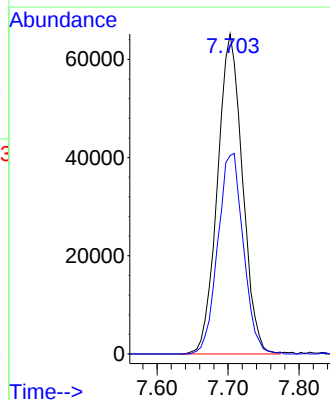
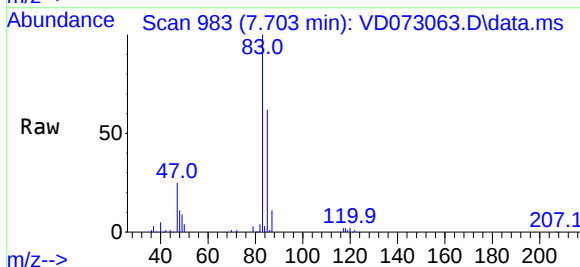
Delta R.T. 0.000 min

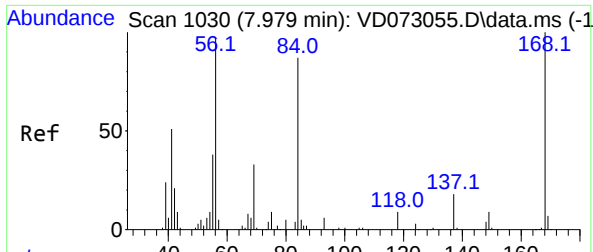
Lab File: VD073063.D

Acq: 17 May 2022 18:08

Tgt Ion: 83 Resp: 159097

Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.7	79.1





#31

Cyclohexane

Concen: 18.046 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073063.D

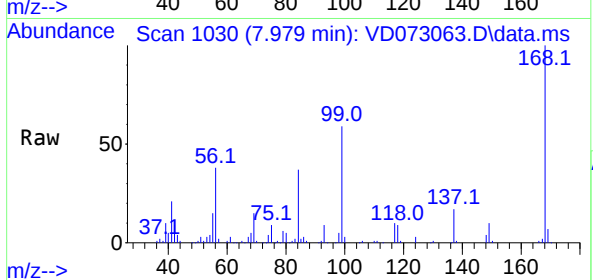
Acq: 17 May 2022 18:08

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBSD01



Tgt Ion: 56 Resp: 137679

Ion Ratio Lower Upper

56 100

69 39.6 25.4 38.2

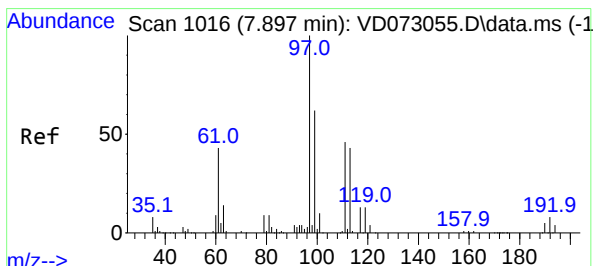
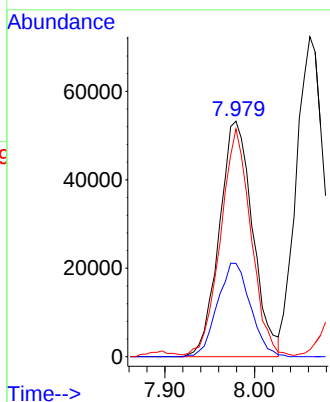
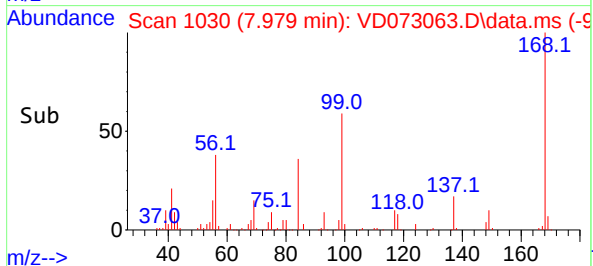
84 95.7 63.0 94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#32

1,1,1-Trichloroethane

Concen: 17.928 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073063.D

Acq: 17 May 2022 18:08

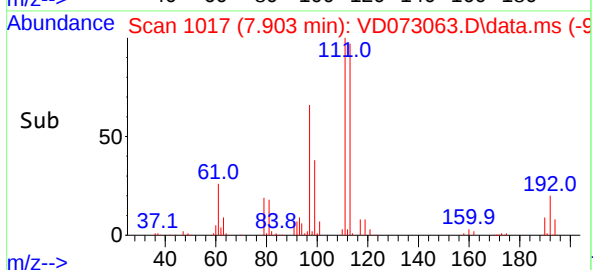
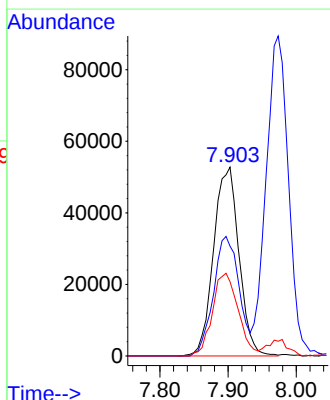
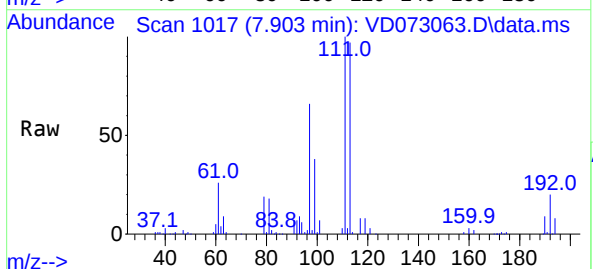
Tgt Ion: 97 Resp: 136817

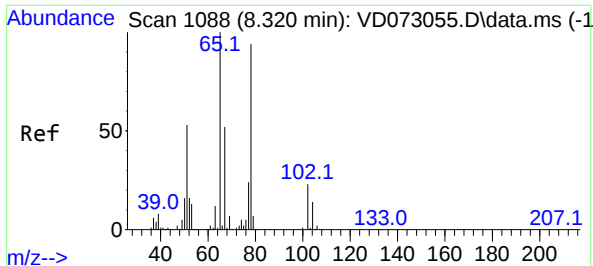
Ion Ratio Lower Upper

97 100

99 63.8 52.4 78.6

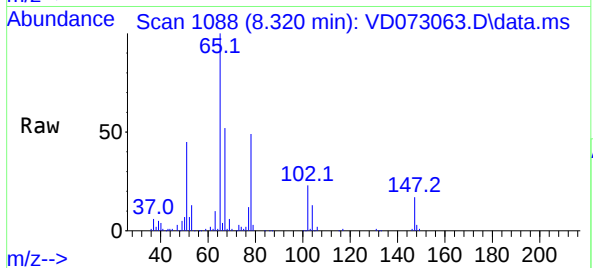
61 44.4 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 47.024 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

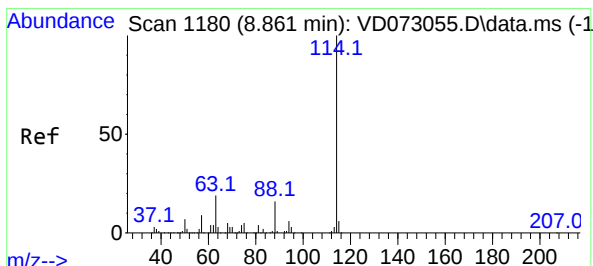
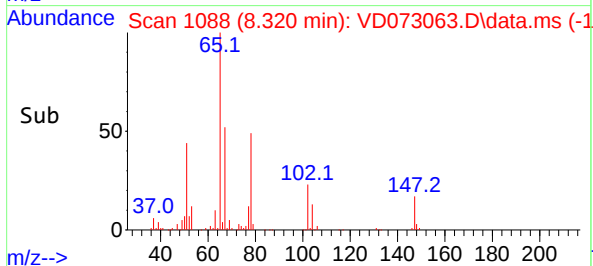
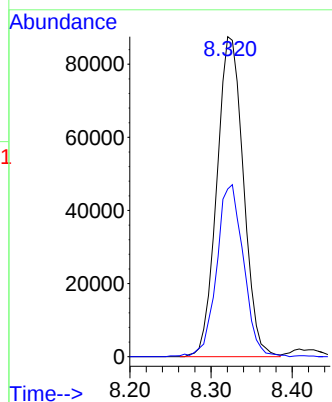
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



Tgt Ion: 65 Resp: 199173
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.4

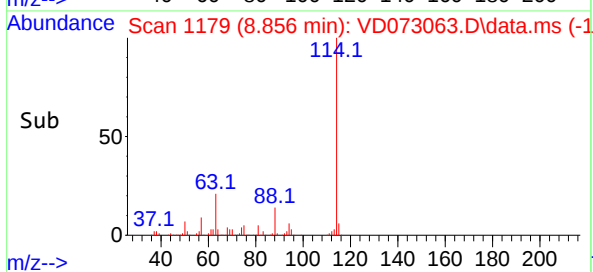
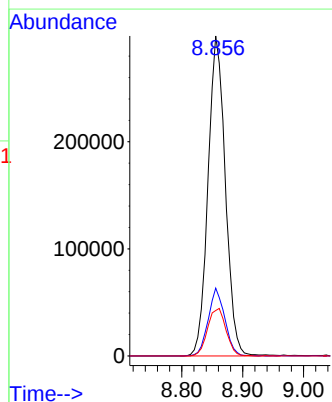
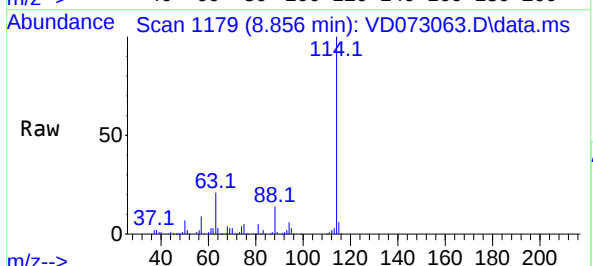
Manual Integrations
APPROVED

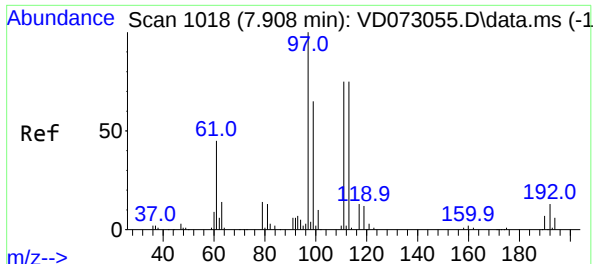
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

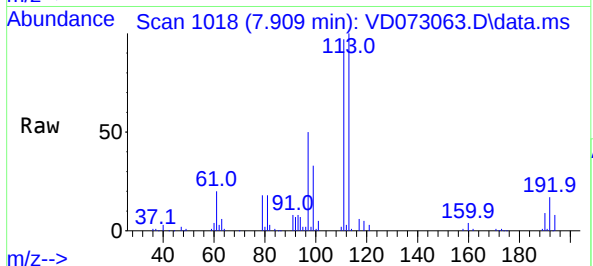
Tgt Ion:114 Resp: 591173
Ion Ratio Lower Upper
114 100
63 21.2 0.0 46.6
88 14.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 46.305 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

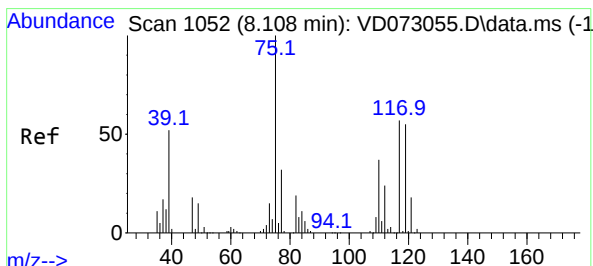
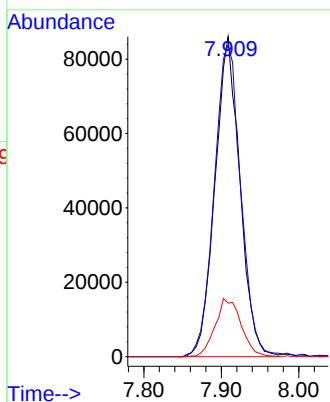
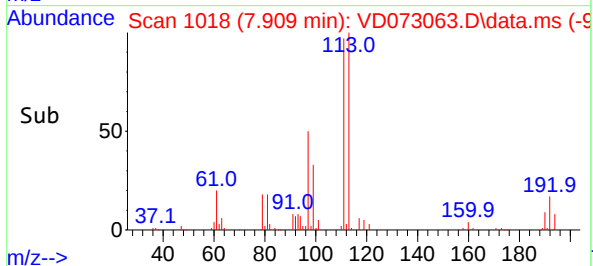
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



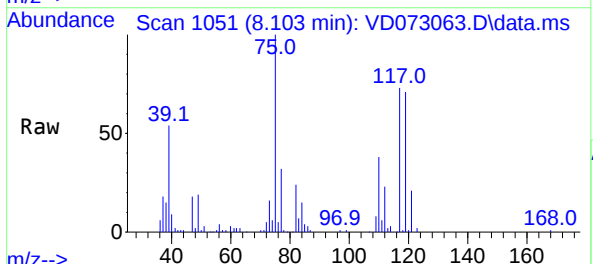
Tgt Ion:113 Resp: 19219
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 18.9 14.6 21.8

Manual Integrations
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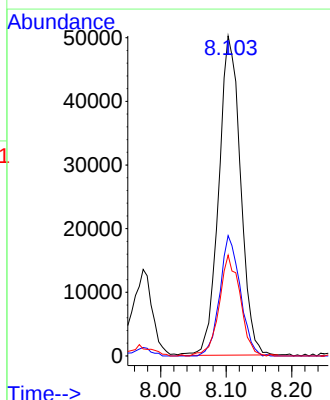
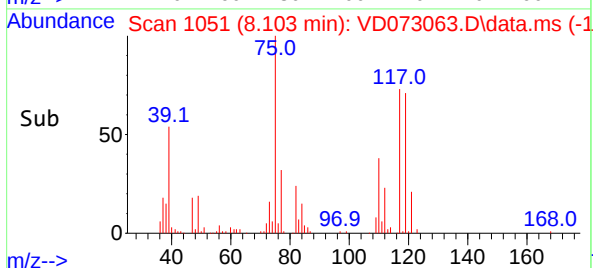
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

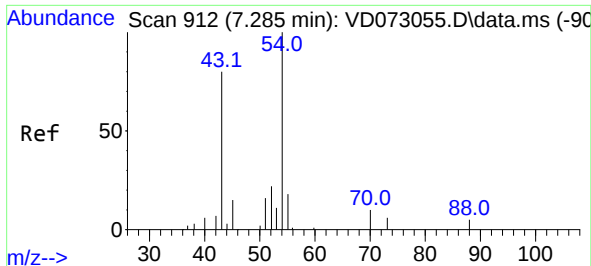


#36
1,1-Dichloropropene
Concen: 17.095 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



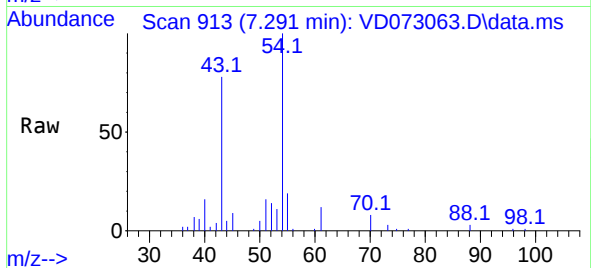
Tgt Ion: 75 Resp: 115616
Ion Ratio Lower Upper
75 100
110 35.3 16.4 49.1
77 30.4 24.2 36.2





#37
Ethyl Acetate
Concen: 16.629 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

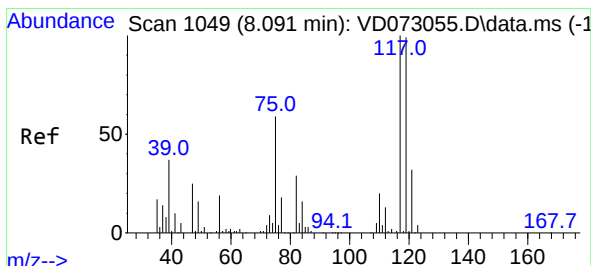
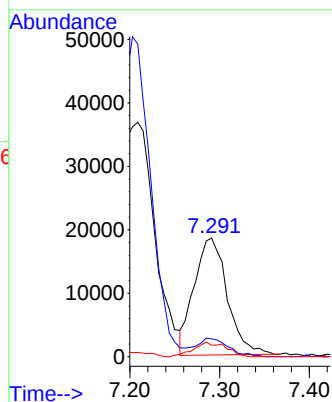
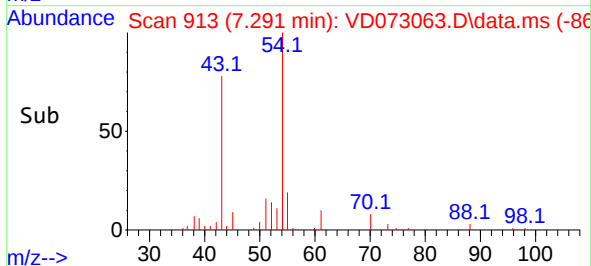
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



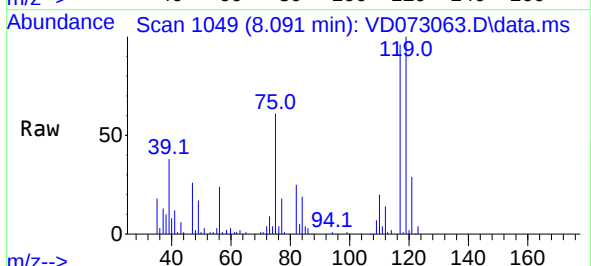
Tgt Ion: 43 Resp: 4723
Ion Ratio Lower Upper
43 100
61 15.3 9.8 14.8
70 12.1 6.9 10.3

Manual Integrations
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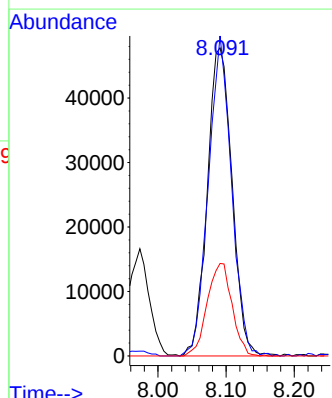
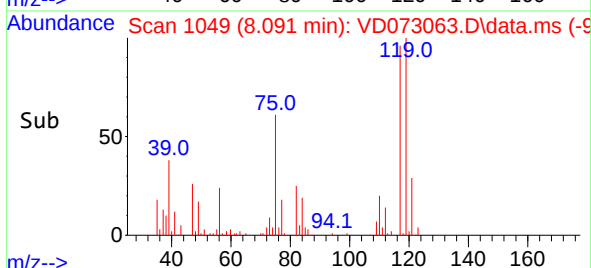
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

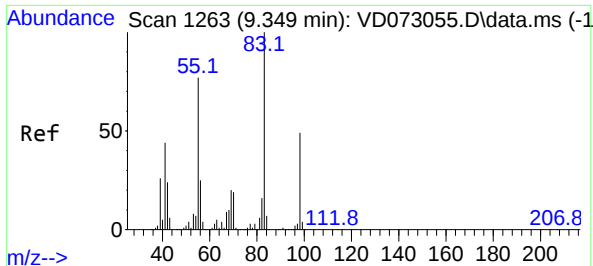


#38
Carbon Tetrachloride
Concen: 17.492 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



Tgt Ion:117 Resp: 121033
Ion Ratio Lower Upper
117 100
119 103.8 75.8 113.6
121 30.0 24.5 36.7





#39

Methylcyclohexane

Concen: 16.016 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VD073063.D

Acq: 17 May 2022 18:08

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBSD01

Tgt Ion: 83 Resp: 126300

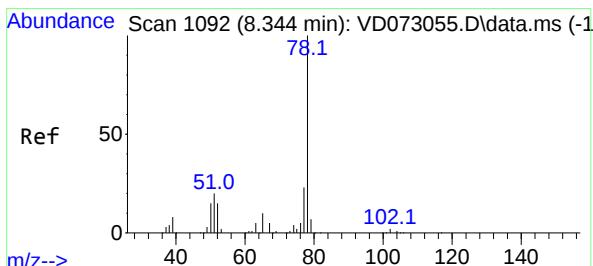
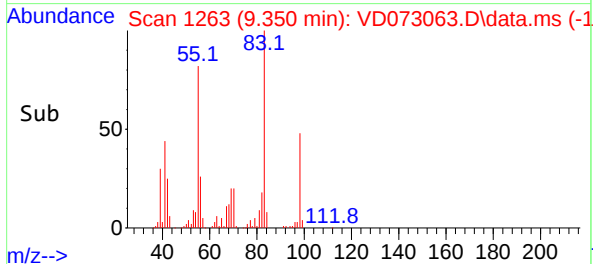
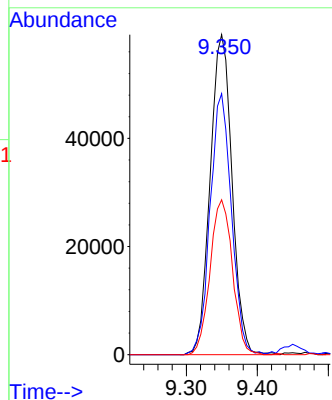
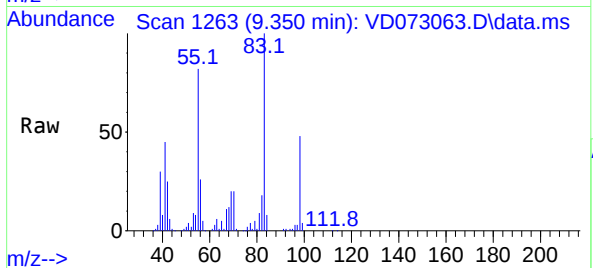
Ion	Ratio	Lower	Upper
83	100		
55	81.5	63.2	94.8
98	48.4	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Benzene

Concen: 17.632 ug/l

RT: 8.344 min Scan# 1092

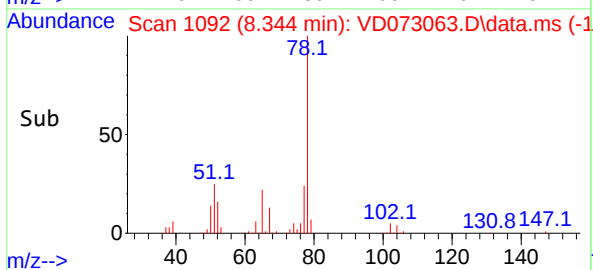
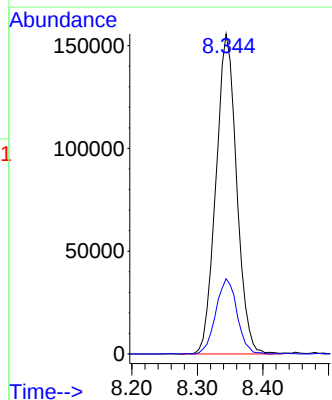
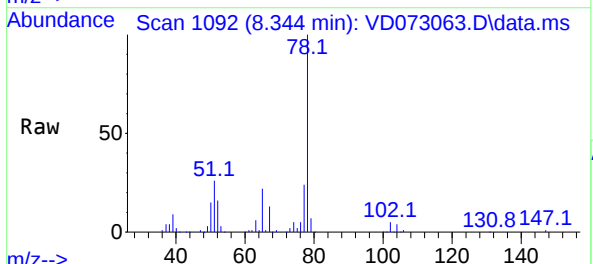
Delta R.T. 0.000 min

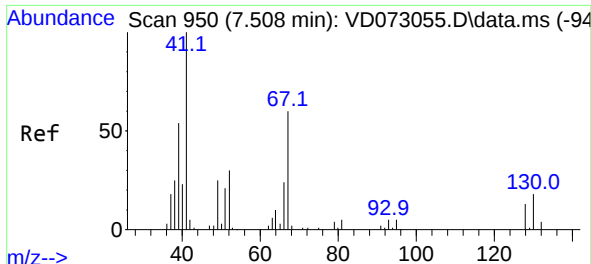
Lab File: VD073063.D

Acq: 17 May 2022 18:08

Tgt Ion: 78 Resp: 340964

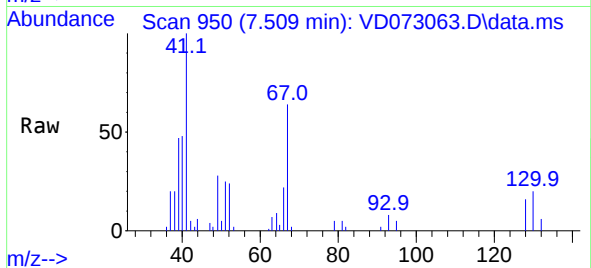
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





#41
Methacrylonitrile
Concen: 15.397 ug/l
RT: 7.509 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

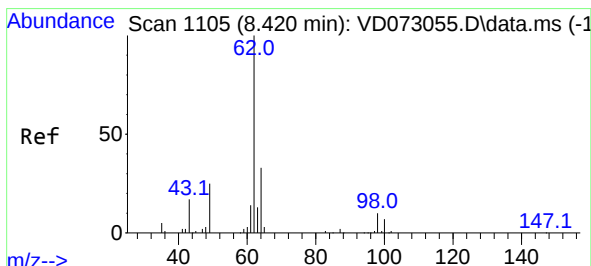
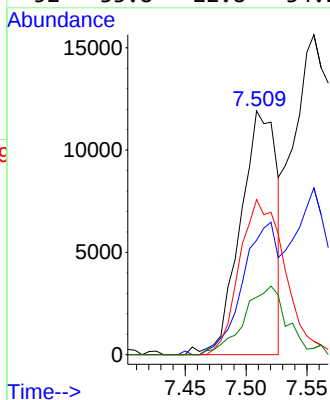
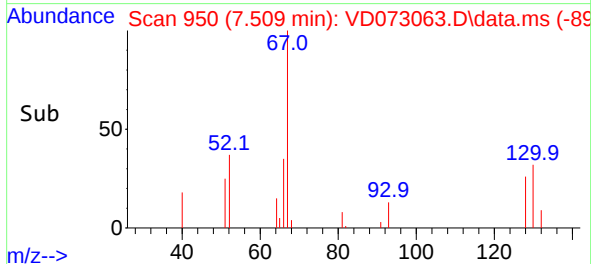
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



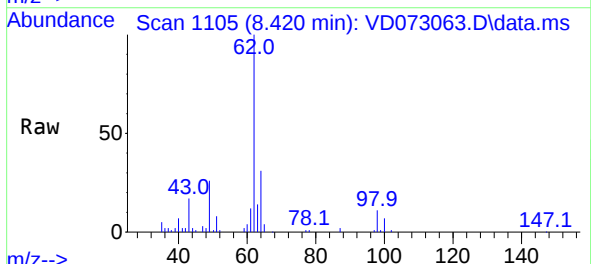
Tgt Ion: 41 Resp: 24660
Ion Ratio Lower Upper
41 100
39 52.2 44.6 67.0
67 79.6 48.2 72.4
52 33.8 22.8 34.2

Manual Integrations
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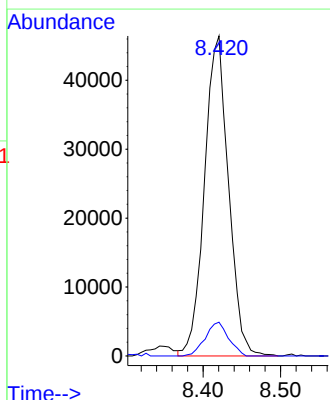
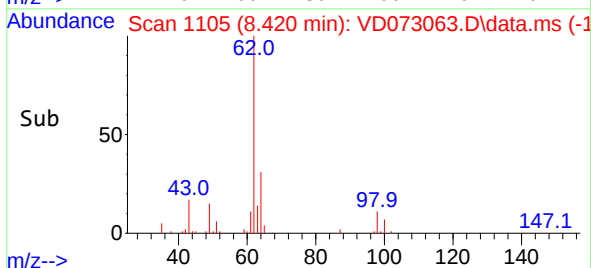
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

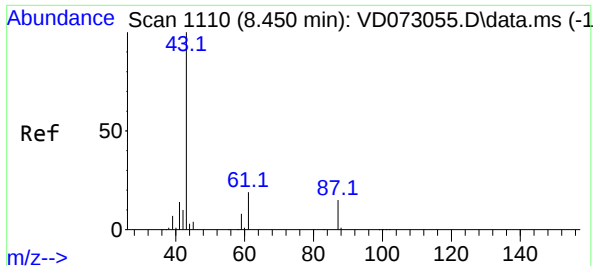


#42
1,2-Dichloroethane
Concen: 17.757 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



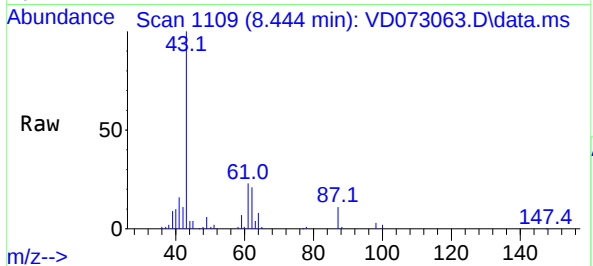
Tgt Ion: 62 Resp: 99953
Ion Ratio Lower Upper
62 100
98 10.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 17.522 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

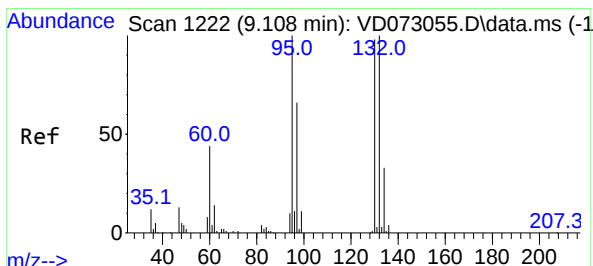
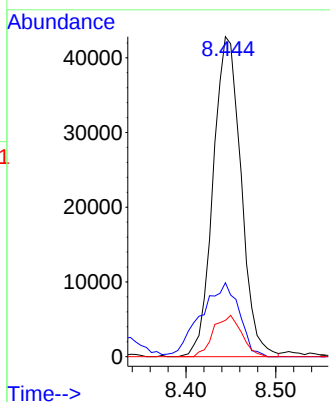
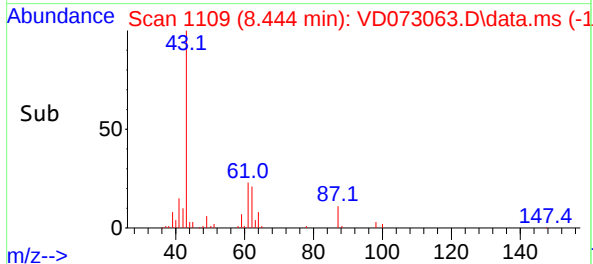
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



Tgt Ion: 43 Resp: 9253
Ion Ratio Lower Upper
43 100
61 31.7 22.4 33.6
87 13.0 8.7 13.1

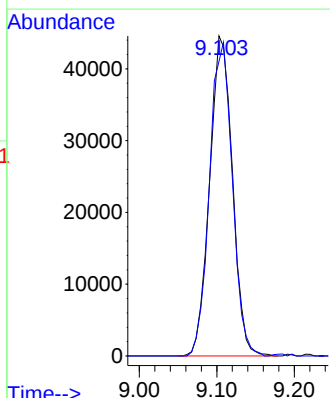
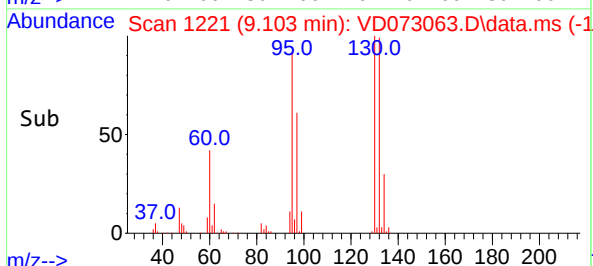
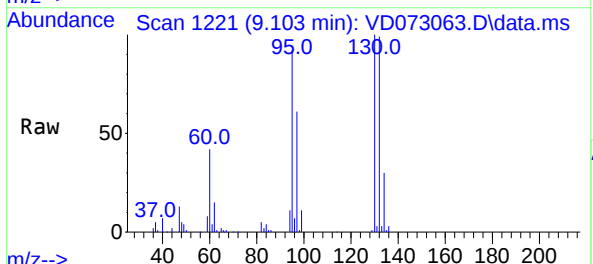
Manual Integrations
APPROVED

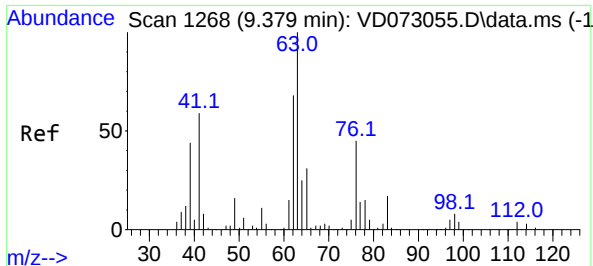
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#44
Trichloroethene
Concen: 17.414 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

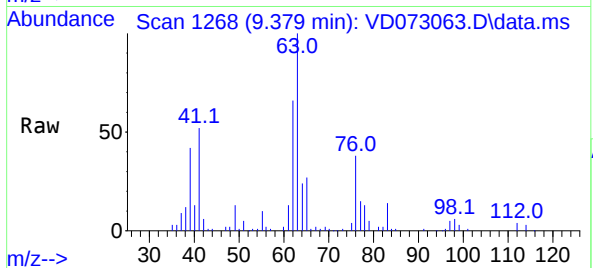
Tgt Ion:130 Resp: 91089
Ion Ratio Lower Upper
130 100
95 92.1 0.0 205.4





#45
1,2-Dichloropropane
Concen: 17.646 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

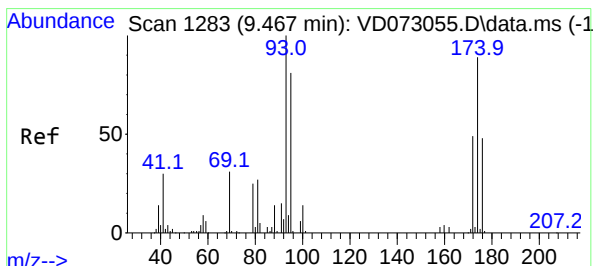
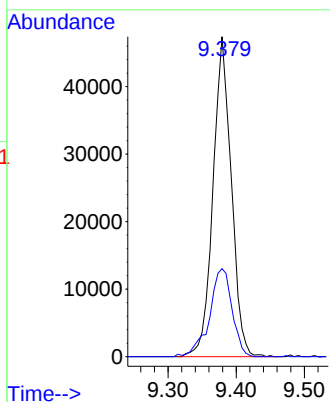
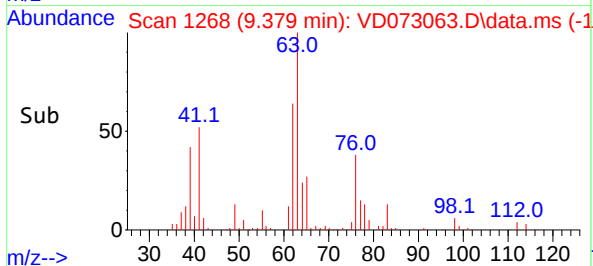
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



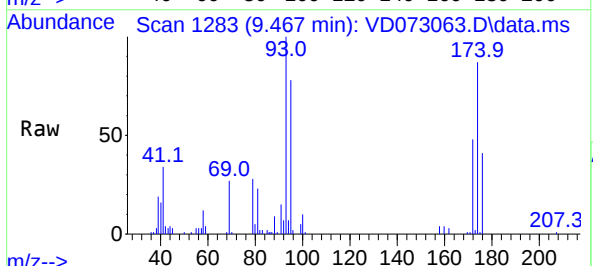
Tgt Ion: 63 Resp: 88618
Ion Ratio Lower Upper
63 100
65 27.5 26.2 39.4

Manual Integrations
APPROVED

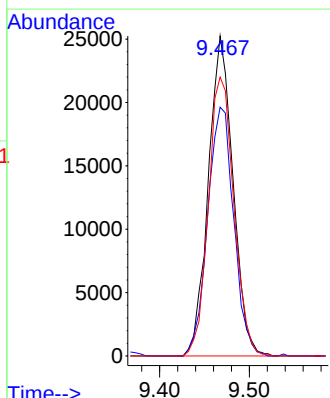
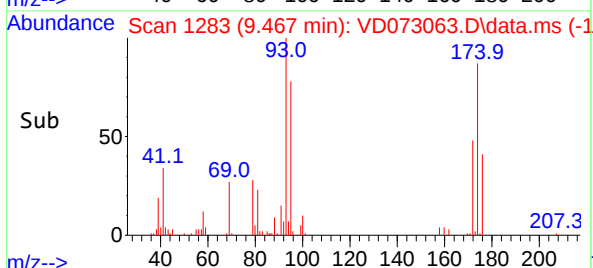
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

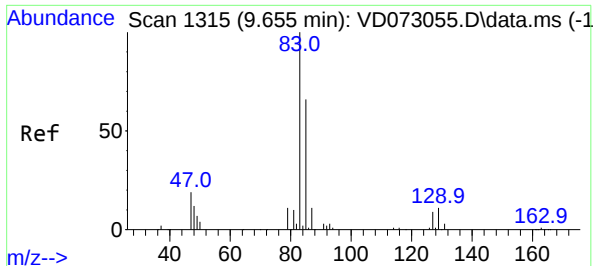


#46
Dibromomethane
Concen: 17.331 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



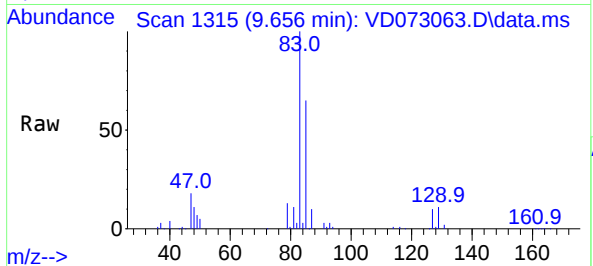
Tgt Ion: 93 Resp: 48128
Ion Ratio Lower Upper
93 100
95 82.5 66.7 100.1
174 90.2 71.6 107.4





#47
Bromodichloromethane
Concen: 17.020 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

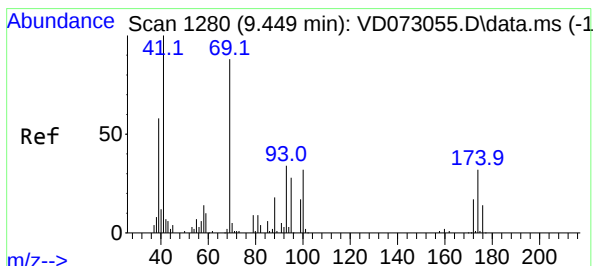
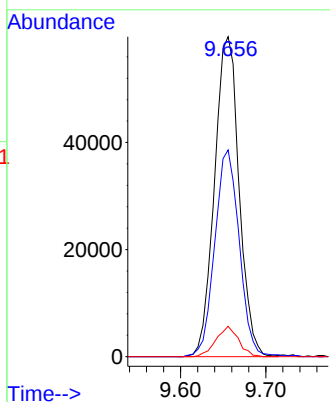
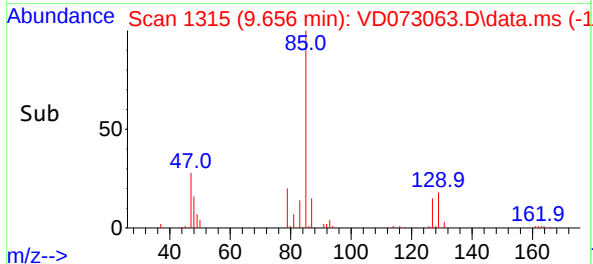
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



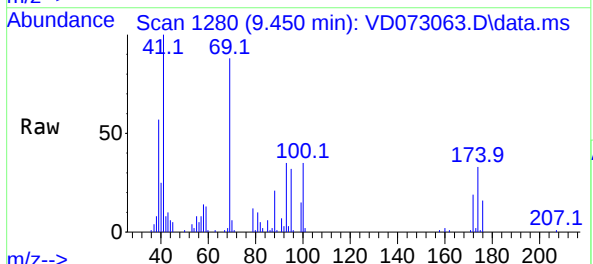
Tgt Ion: 83 Resp: 12004
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.0
127 9.5 6.1 9.1

Manual Integrations
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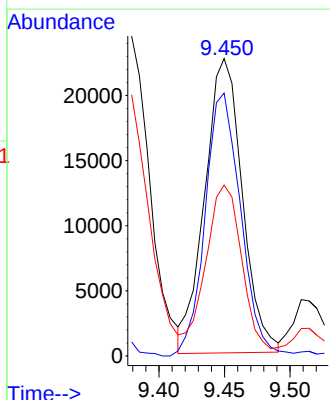
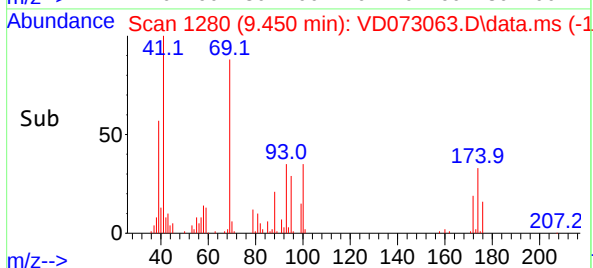
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

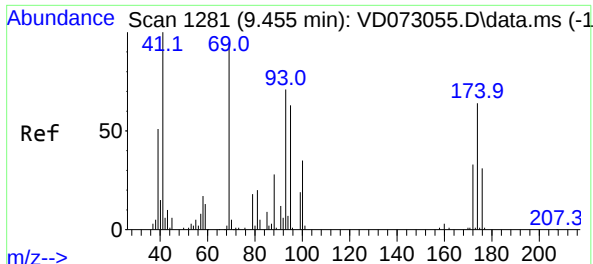


#48
Methyl methacrylate
Concen: 17.229 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



Tgt Ion: 41 Resp: 45128
Ion Ratio Lower Upper
41 100
69 84.5 56.7 85.1
39 56.8 42.7 64.1





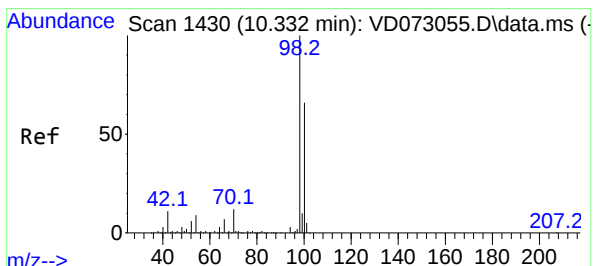
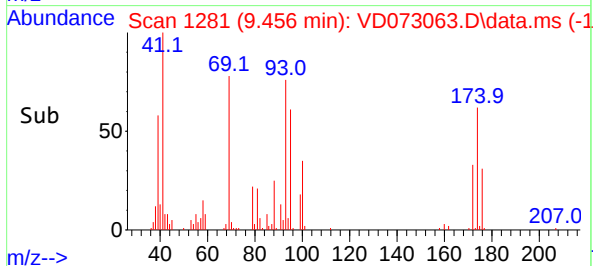
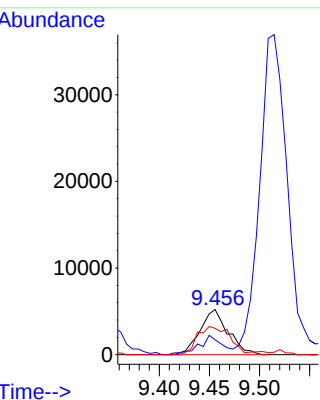
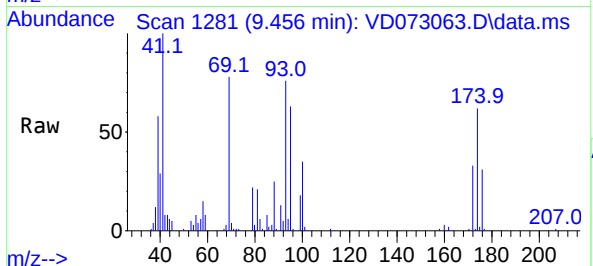
#49
1,4-Dioxane
Concen: 351.218 ug/l
RT: 9.456 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01

Tgt Ion: 88 Resp: 10154
Ion Ratio Lower Upper
88 100
43 35.0 31.0 46.4
58 73.0 58.1 87.1

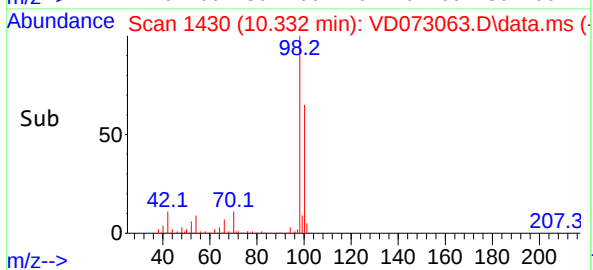
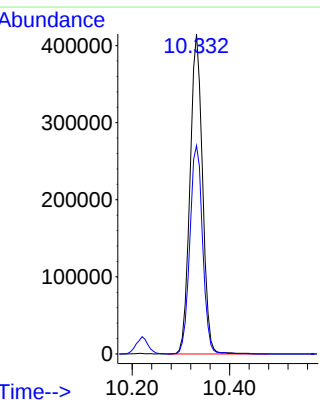
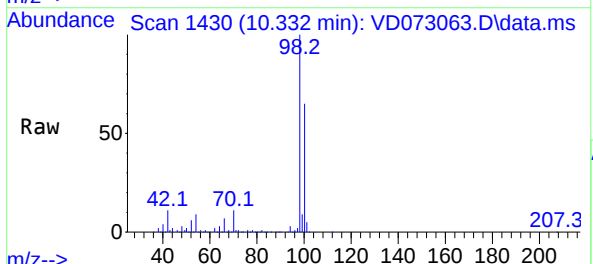
Manual Integrations
APPROVED

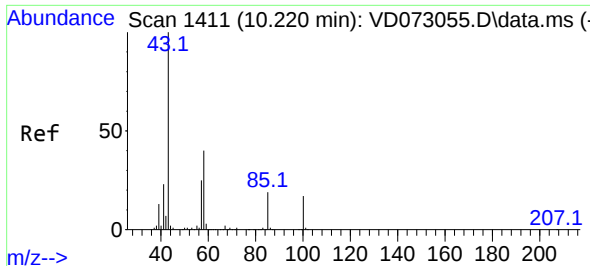
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#50
Toluene-d8
Concen: 49.054 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

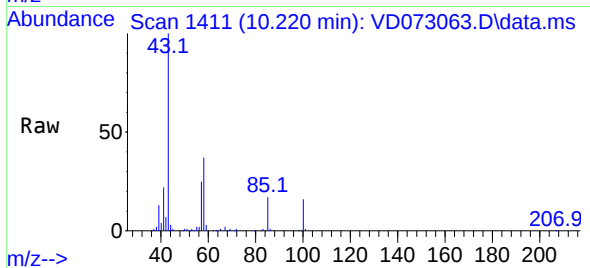
Tgt Ion: 98 Resp: 738655
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 87.657 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

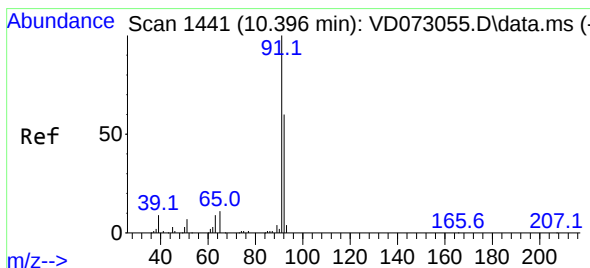
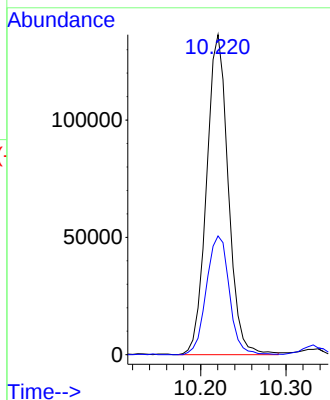
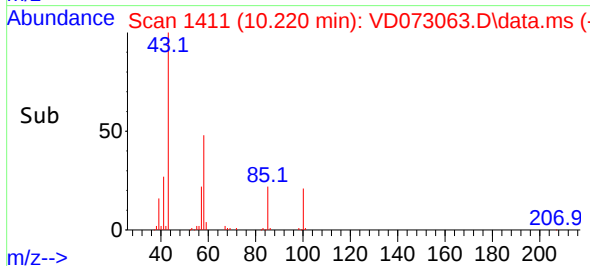
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



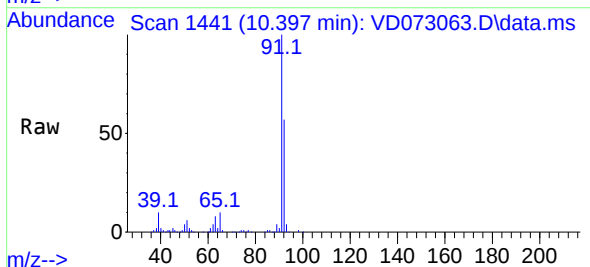
Tgt Ion: 43 Resp: 24156
Ion Ratio Lower Upper
43 100
58 39.2 28.6 43.0

Manual Integrations
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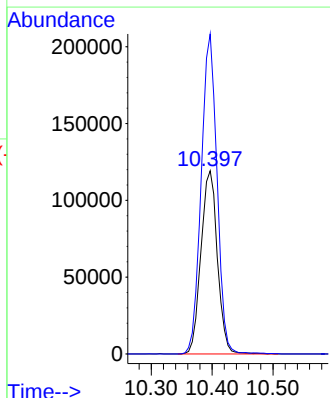
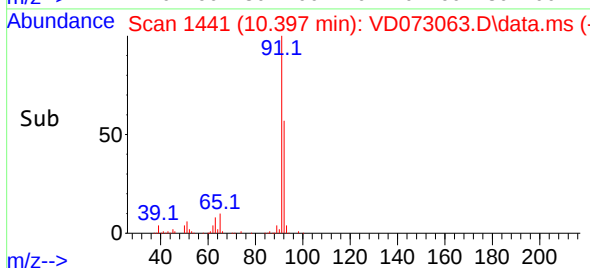
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

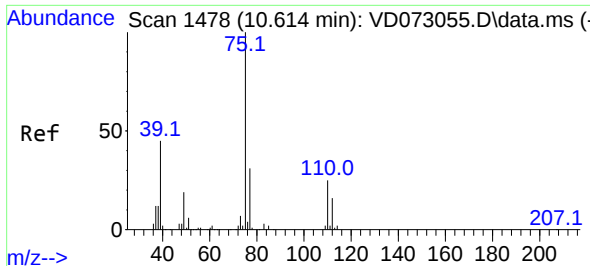


#52
Toluene
Concen: 18.184 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



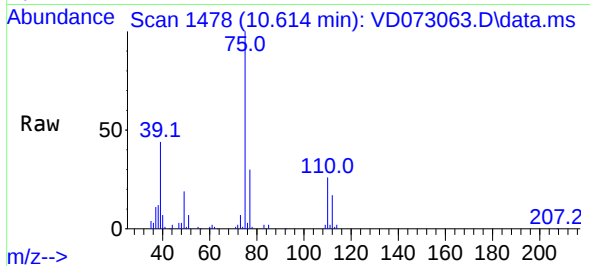
Tgt Ion: 92 Resp: 223258
Ion Ratio Lower Upper
92 100
91 168.4 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 17.387 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

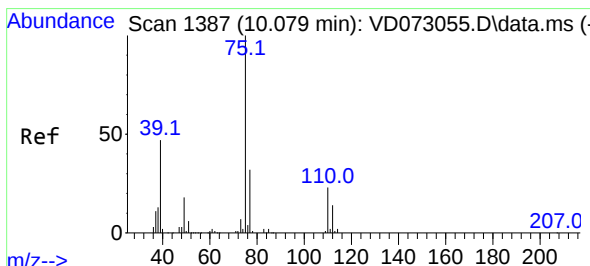
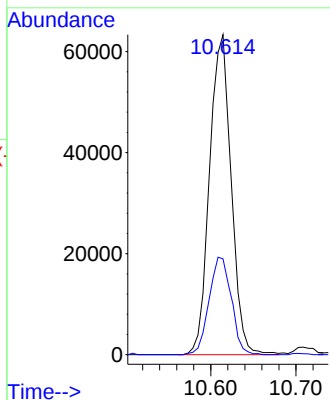
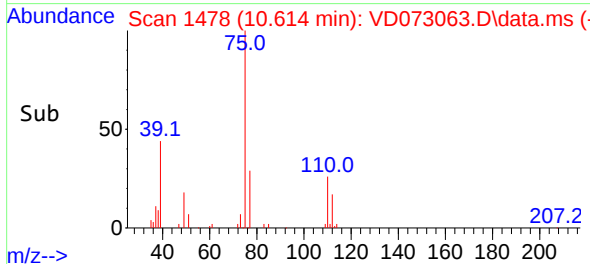
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



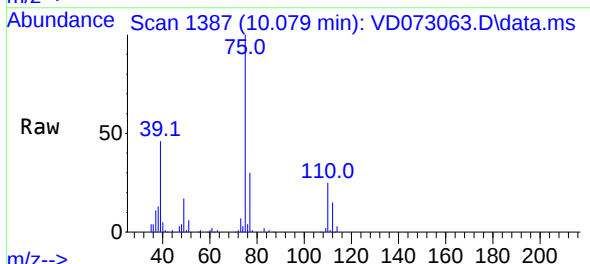
Tgt Ion: 75 Resp: 111838
Ion Ratio Lower Upper
75 100
77 29.9 24.5 36.7

Manual Integrations
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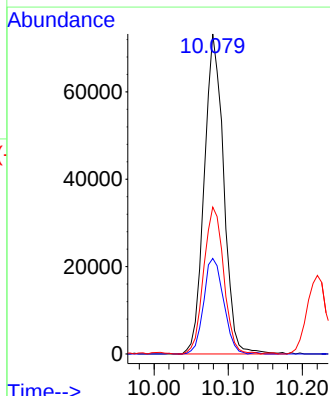
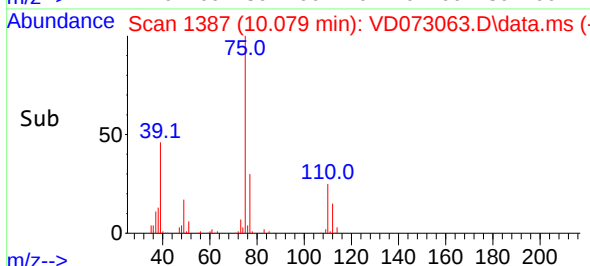
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

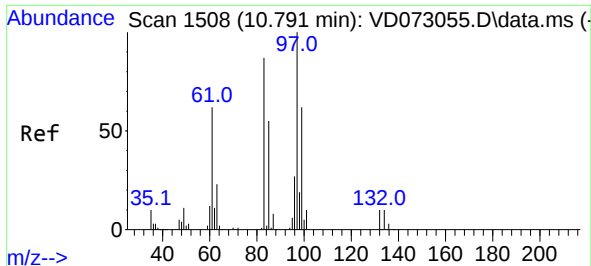


#54
cis-1,3-Dichloropropene
Concen: 17.599 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



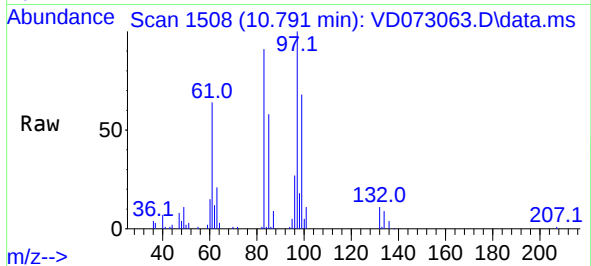
Tgt Ion: 75 Resp: 133469
Ion Ratio Lower Upper
75 100
77 29.8 24.8 37.2
39 45.9 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 16.695 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01

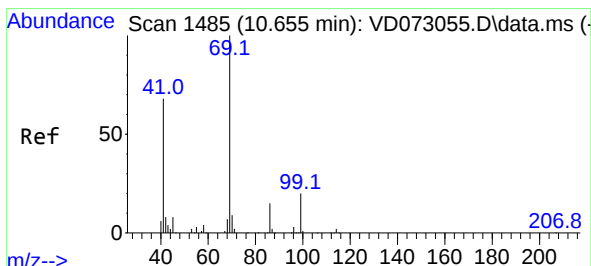
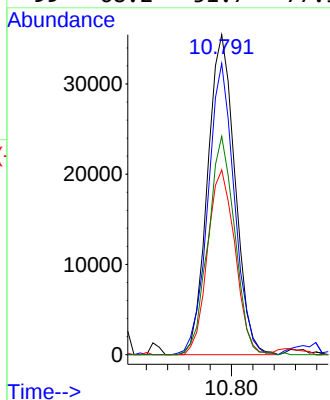
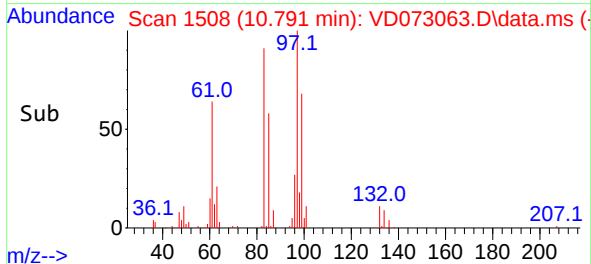


Tgt Ion: 97 Resp: 63279

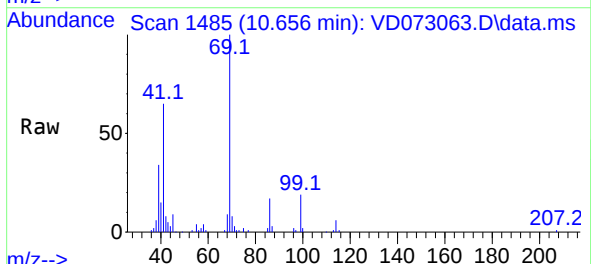
Ion	Ratio	Lower	Upper
97	100		
83	91.0	69.0	103.4
85	57.7	42.6	63.8
99	68.2	51.7	77.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

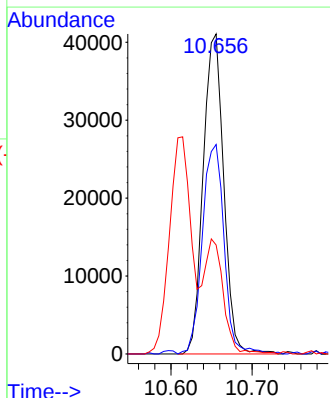
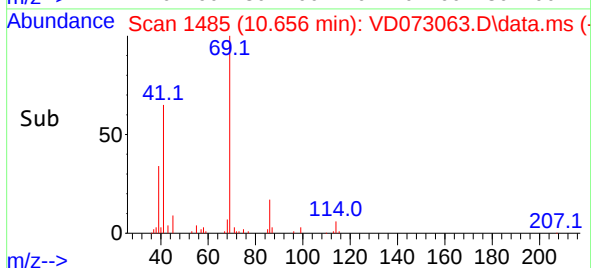


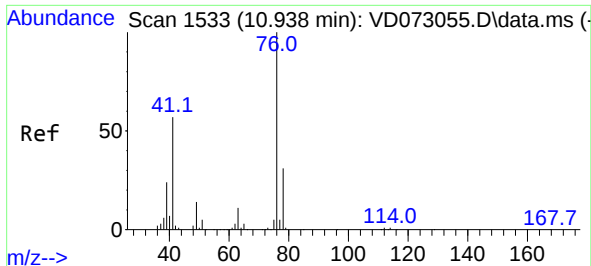
#56
Ethyl methacrylate
Concen: 16.851 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



Tgt Ion: 69 Resp: 72233

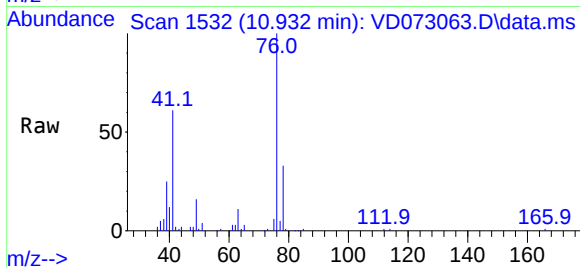
Ion	Ratio	Lower	Upper
69	100		
41	69.4	63.0	94.6
39	30.4	33.8	50.8





#57
1,3-Dichloropropane
Concen: 16.872 ug/l
RT: 10.932 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

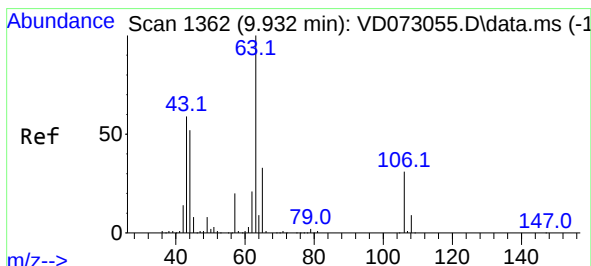
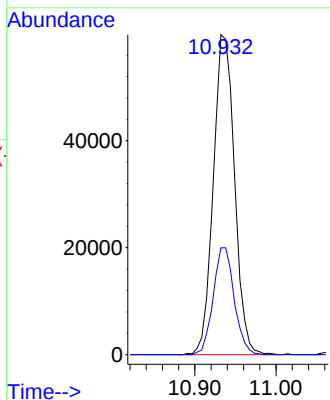
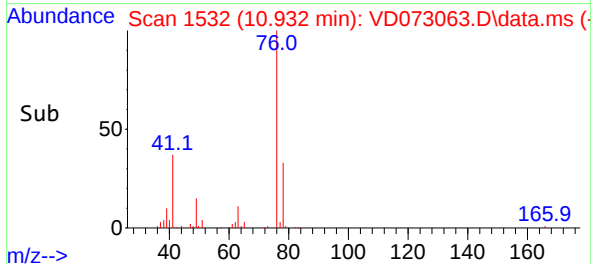
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



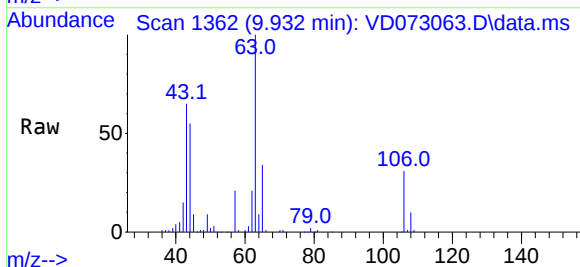
Tgt Ion: 76 Resp: 108814
Ion Ratio Lower Upper
76 100
78 33.1 26.0 39.0

Manual Integrations
APPROVED

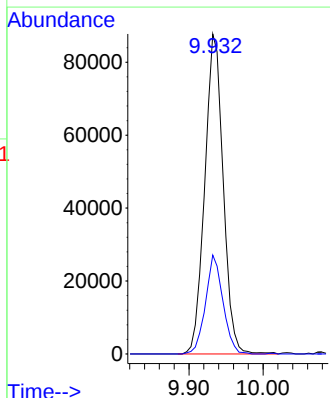
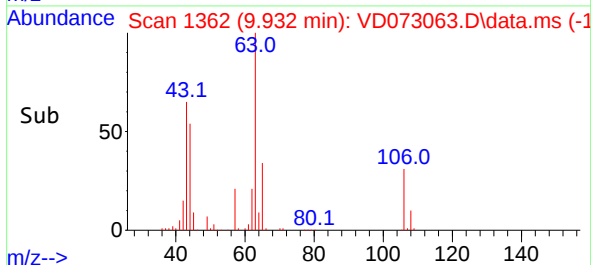
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

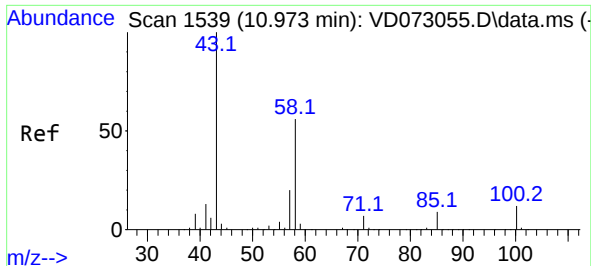


#58
2-Chloroethyl Vinyl ether
Concen: 83.051 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



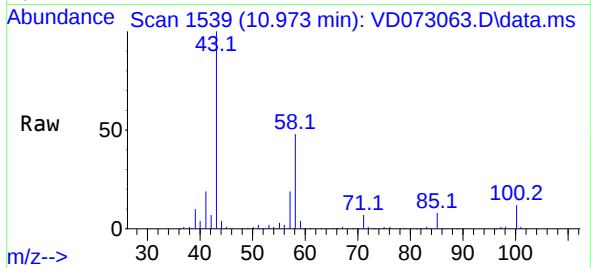
Tgt Ion: 63 Resp: 151240
Ion Ratio Lower Upper
63 100
106 29.2 21.4 32.0





#59
2-Hexanone
Concen: 86.676 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

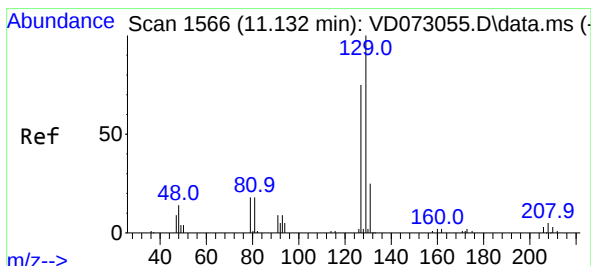
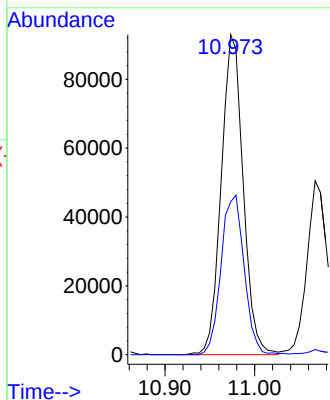
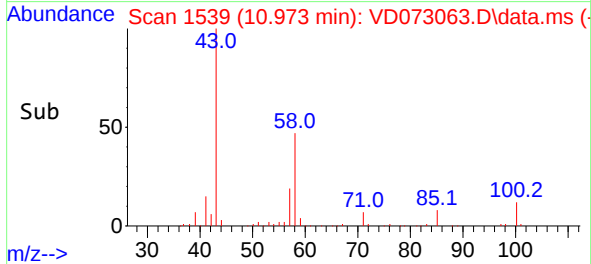
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



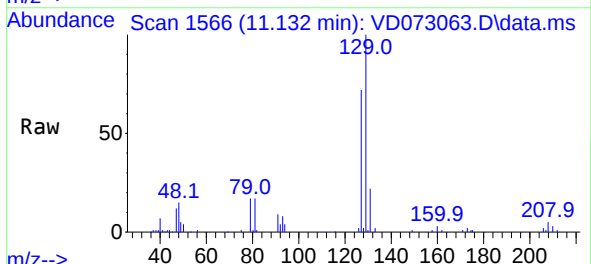
Tgt Ion: 43 Resp: 15779
Ion Ratio Lower Upper
43 100
58 52.5 25.3 75.9

Manual Integrations
APPROVED

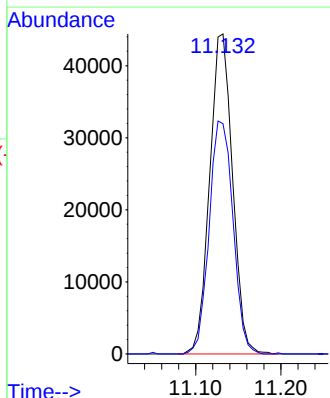
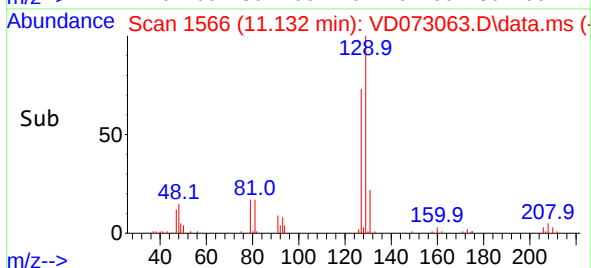
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

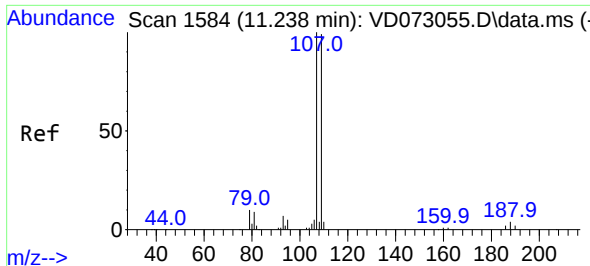


#60
Dibromochloromethane
Concen: 17.575 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



Tgt Ion:129 Resp: 82759
Ion Ratio Lower Upper
129 100
127 75.8 39.2 117.6





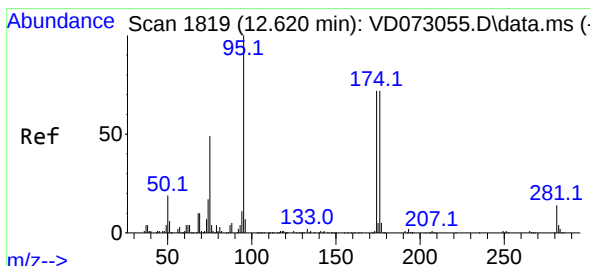
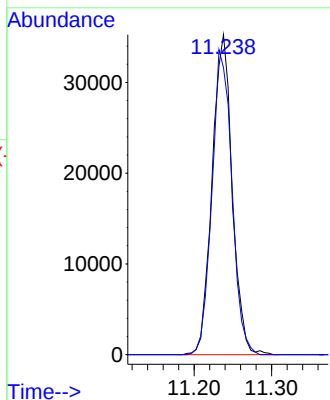
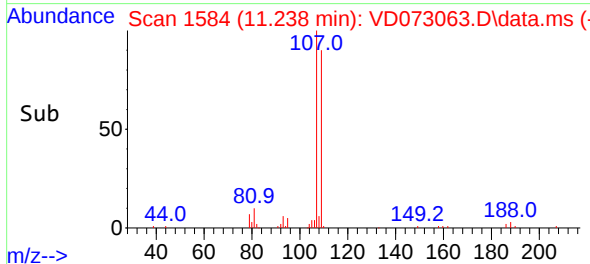
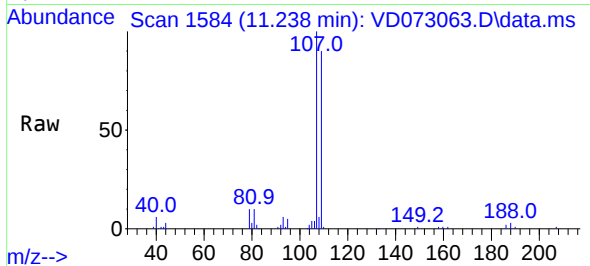
#61
1,2-Dibromoethane
Concen: 17.343 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01

Tgt Ion:107 Resp: 63254
Ion Ratio Lower Upper
107 100
109 95.3 74.2 111.4

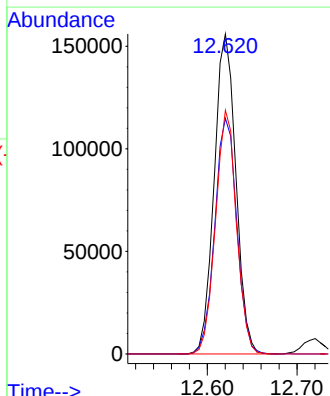
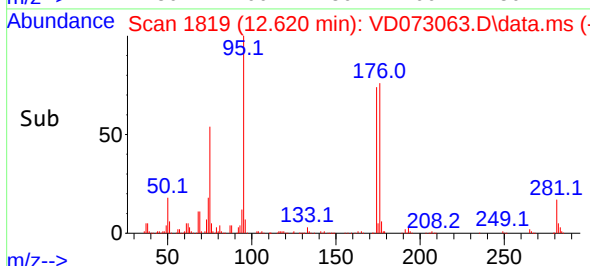
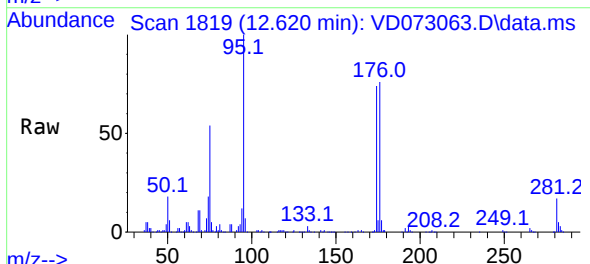
Manual Integrations
APPROVED

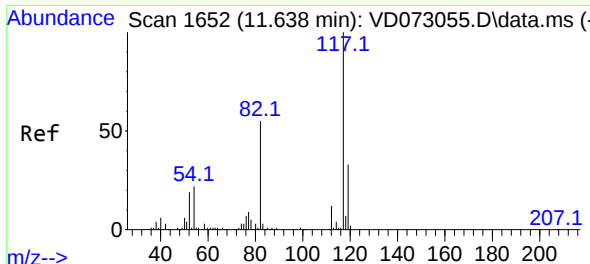
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#62
4-Bromofluorobenzene
Concen: 47.887 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

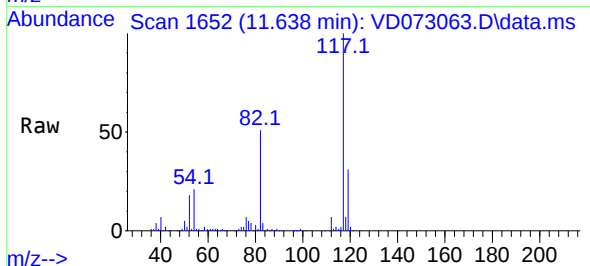
Tgt Ion: 95 Resp: 261170
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 73.4 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

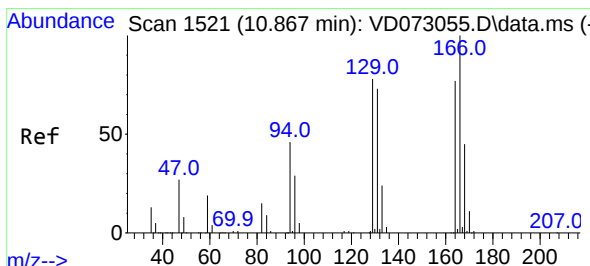
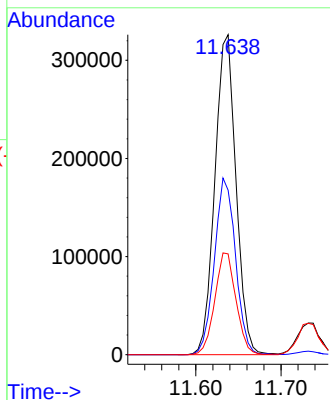
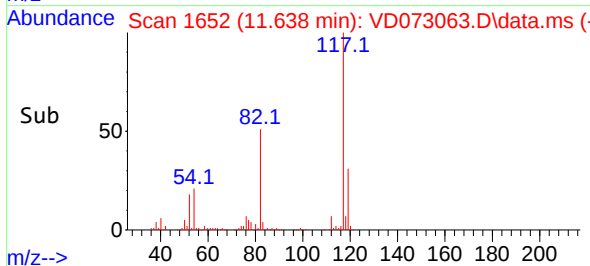
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



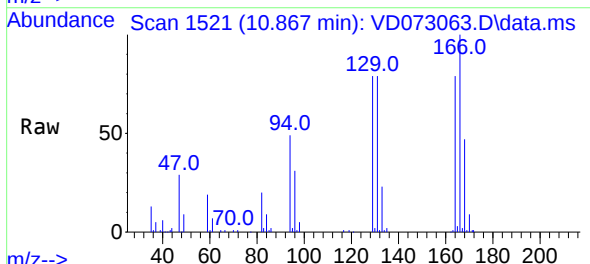
Tgt Ion:117 Resp: 563075
Ion Ratio Lower Upper
117 100
82 51.4 45.3 67.9
119 31.5 26.6 40.0

Manual Integrations
APPROVED

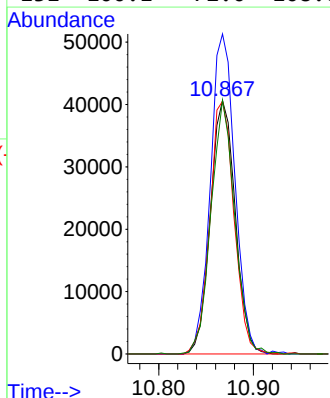
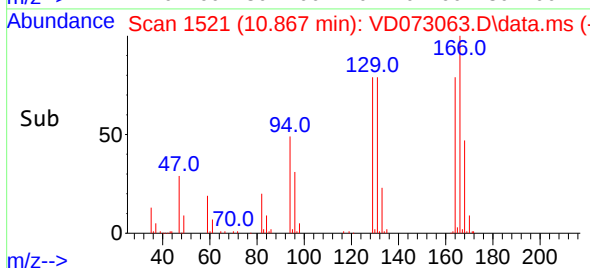
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

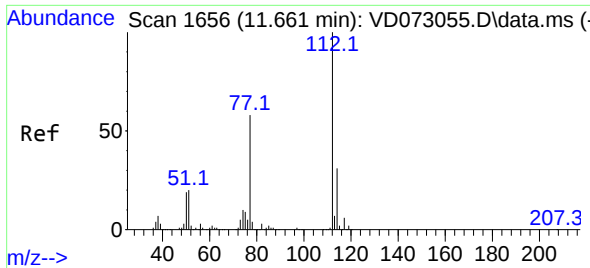


#64
Tetrachloroethene
Concen: 17.982 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



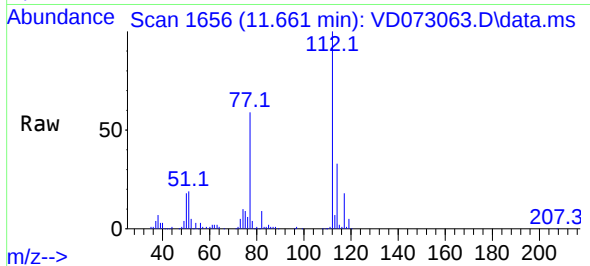
Tgt Ion:164 Resp: 74182
Ion Ratio Lower Upper
164 100
166 126.3 98.5 147.7
129 99.7 74.6 111.8
131 100.1 72.0 108.0





#65
Chlorobenzene
Concen: 18.129 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

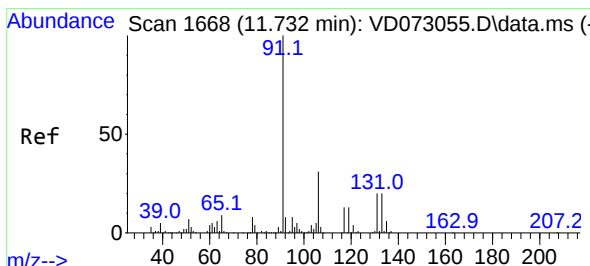
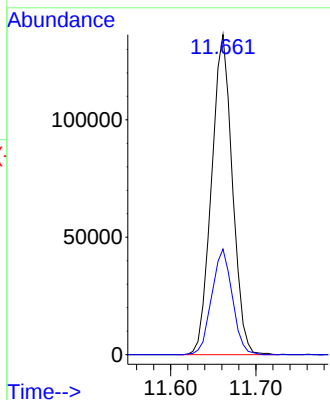
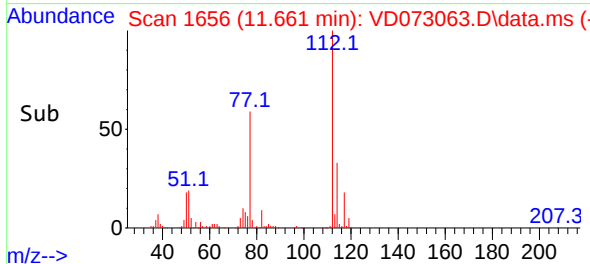
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



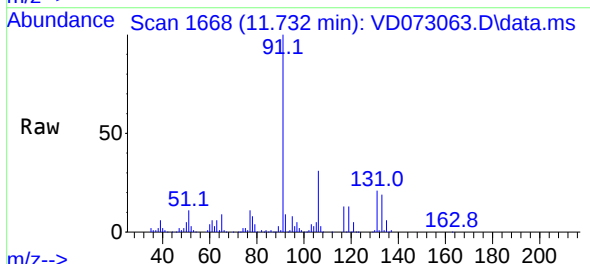
Tgt Ion:112 Resp: 23145
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6

Manual Integrations
APPROVED

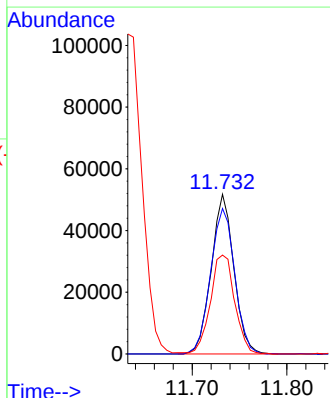
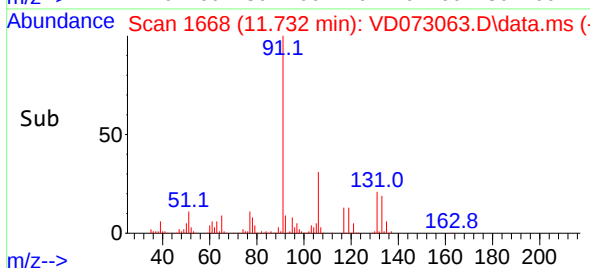
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

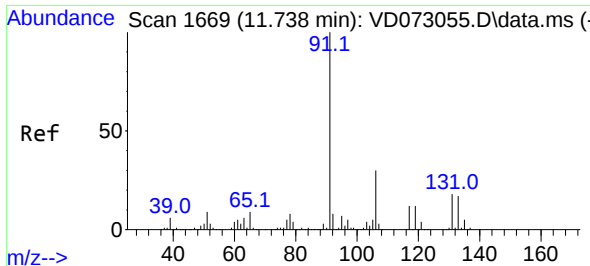


#66
1,1,1,2-Tetrachloroethane
Concen: 17.604 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



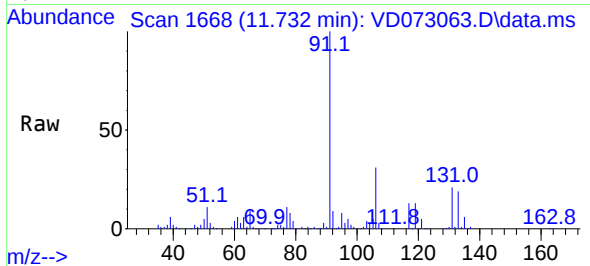
Tgt Ion:131 Resp: 85854
Ion Ratio Lower Upper
131 100
133 97.3 48.1 144.3
119 66.9 31.9 95.9





#67
Ethyl Benzene
Concen: 18.290 ug/l
RT: 11.732 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

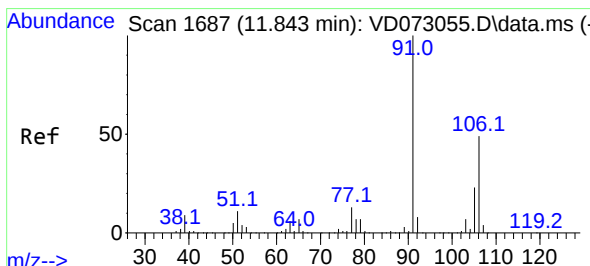
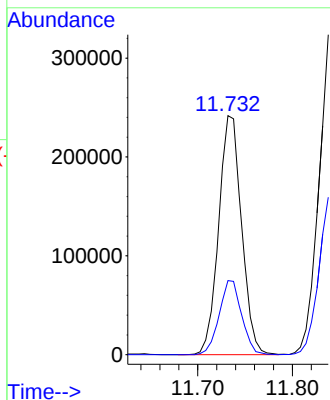
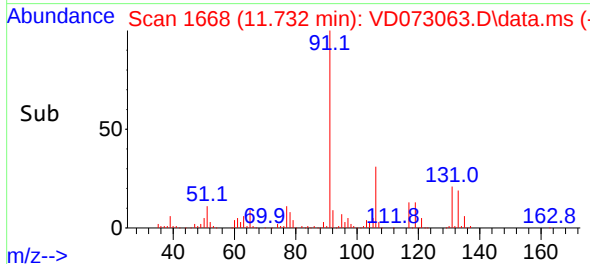
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



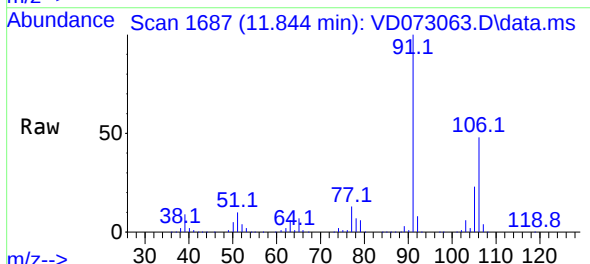
Tgt Ion: 91 Resp: 406594
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4

Manual Integrations
APPROVED

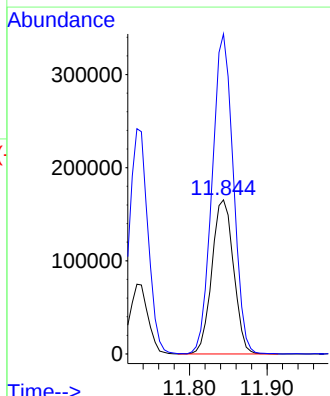
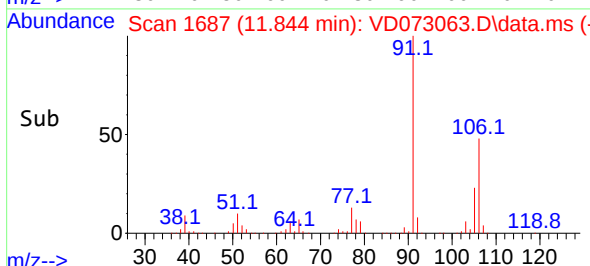
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

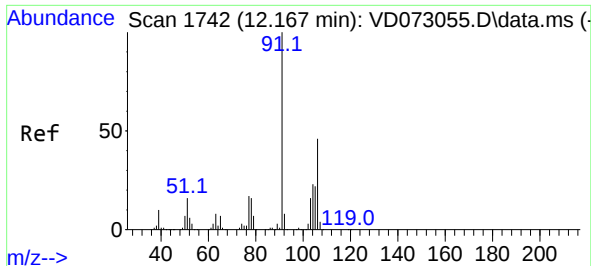


#68
m/p-Xylenes
Concen: 37.273 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



Tgt Ion:106 Resp: 321130
Ion Ratio Lower Upper
106 100
91 203.0 163.7 245.5





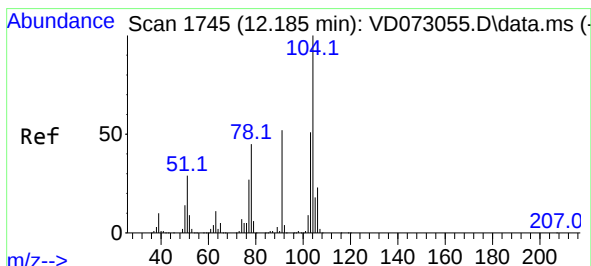
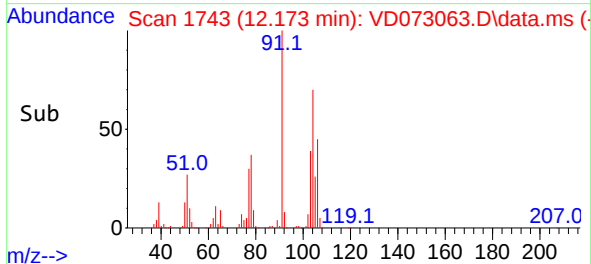
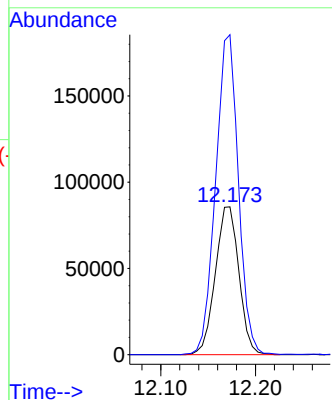
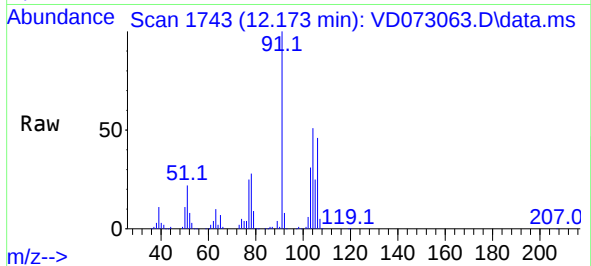
#69
o-Xylene
Concen: 18.697 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01

Tgt Ion:106 Resp: 148550
Ion Ratio Lower Upper
106 100
91 208.9 110.4 331.2

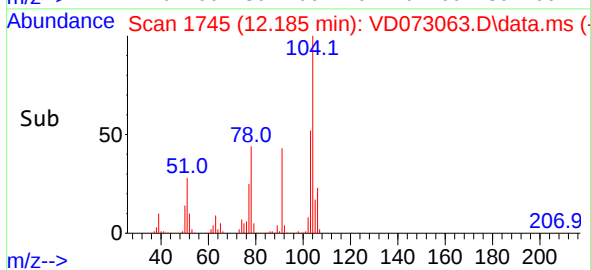
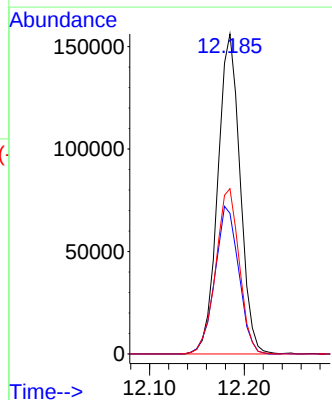
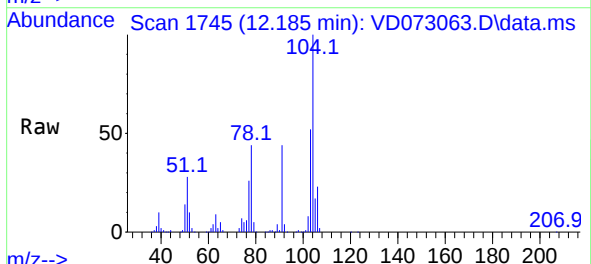
Manual Integrations
APPROVED

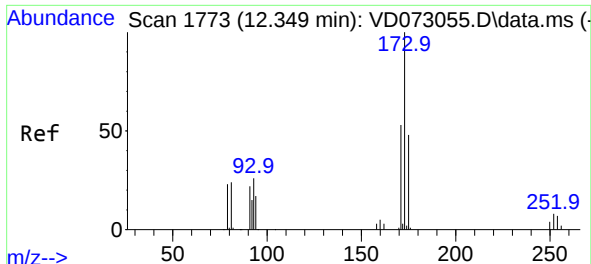
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Styrene
Concen: 18.449 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Tgt Ion:104 Resp: 256030
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 54.4 44.2 66.4





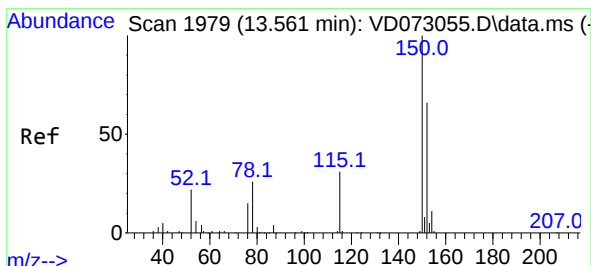
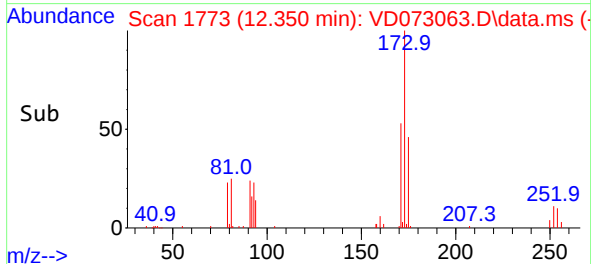
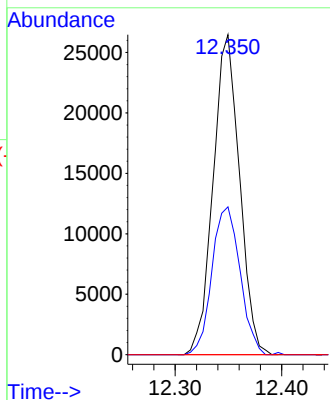
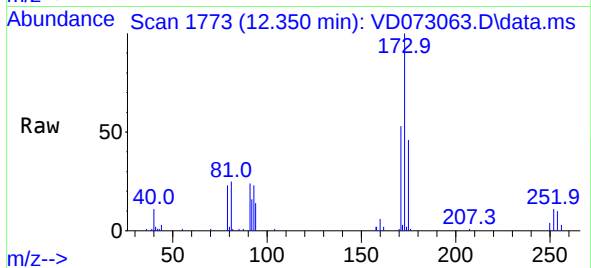
#71
Bromoform
Concen: 17.751 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion:173 Resp: 4558
Ion Ratio Lower Upper
173 100
175 49.1 23.9 71.8
254 0.0 0.0 0.0

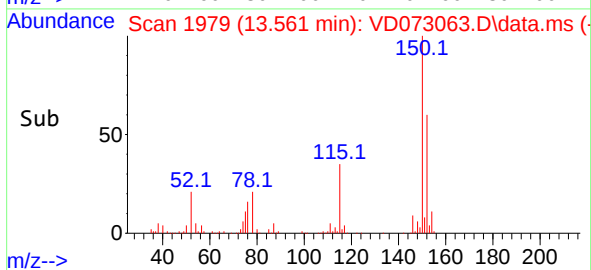
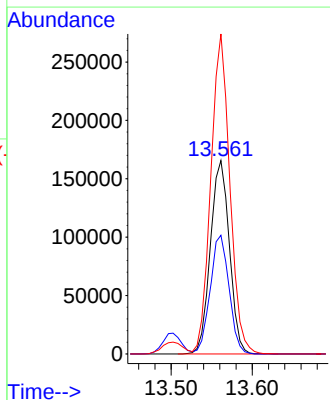
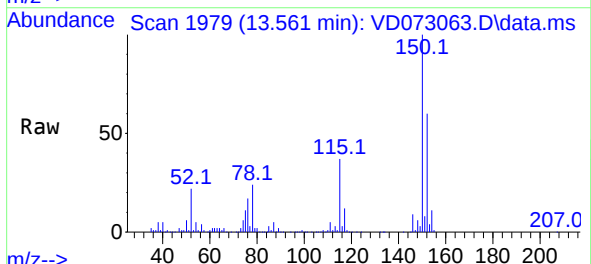
Manual Integrations
APPROVED

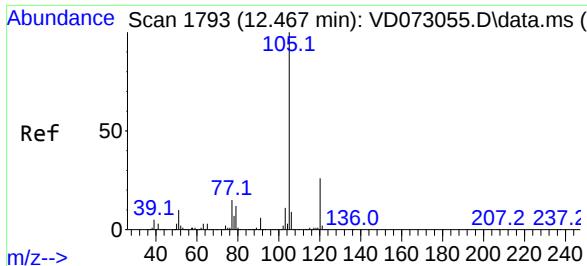
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Tgt Ion:152 Resp: 269256
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 165.5 0.0 348.6





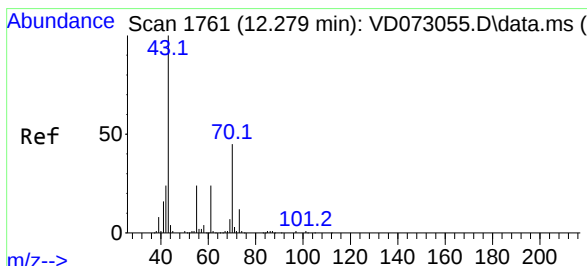
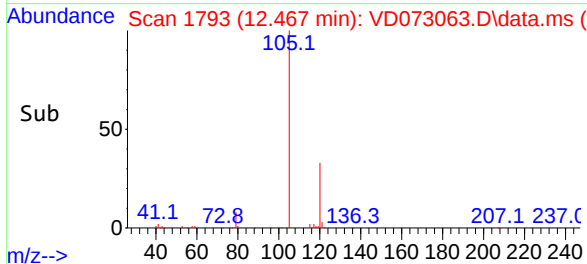
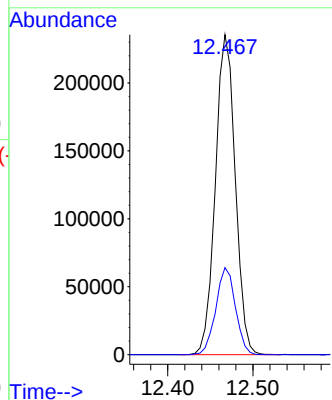
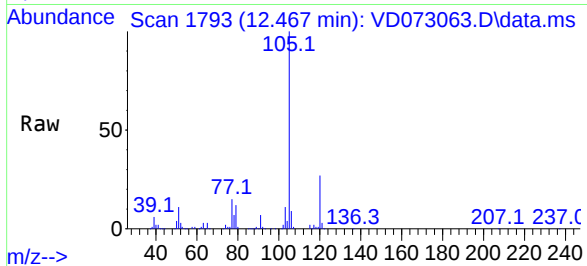
#73
Isopropylbenzene
Concen: 18.700 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01

Tgt Ion:105 Resp: 381659
Ion Ratio Lower Upper
105 100
120 26.8 13.0 38.9

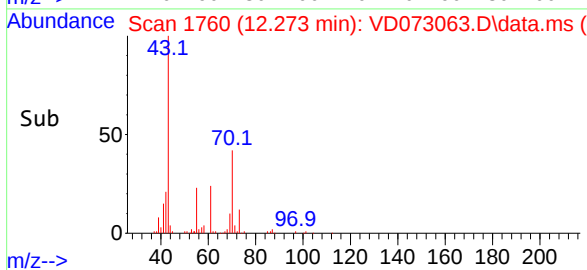
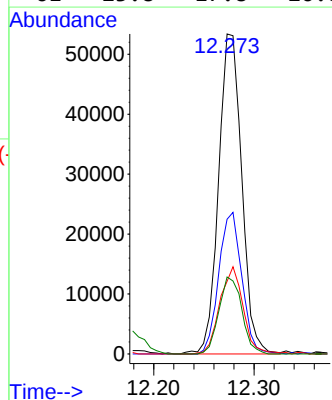
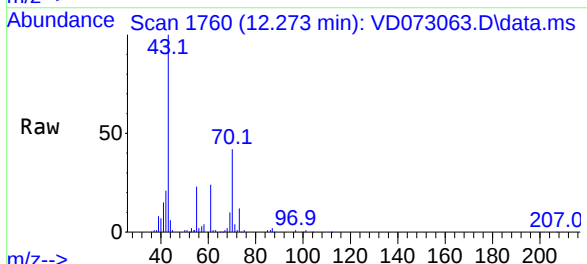
Manual Integrations
APPROVED

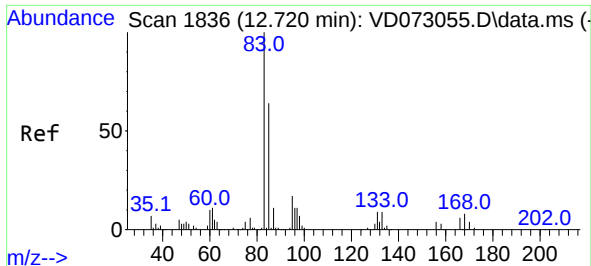
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#74
N-ethyl acetate
Concen: 17.932 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

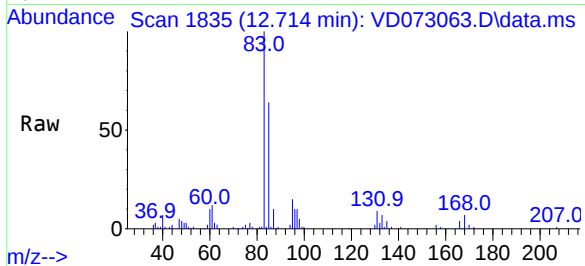
Tgt Ion: 43 Resp: 85527
Ion Ratio Lower Upper
43 100
70 44.0 31.3 46.9
55 27.4 20.0 30.0
61 23.8 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.766 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

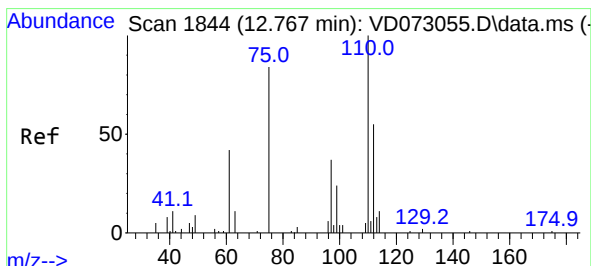
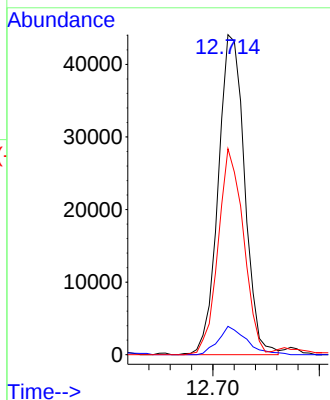
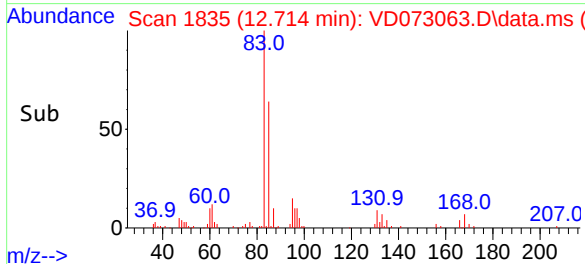
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



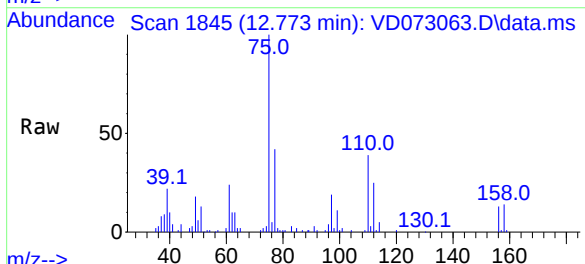
Tgt Ion: 83 Resp: 75500
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 62.3 32.6 98.0

Manual Integrations
APPROVED

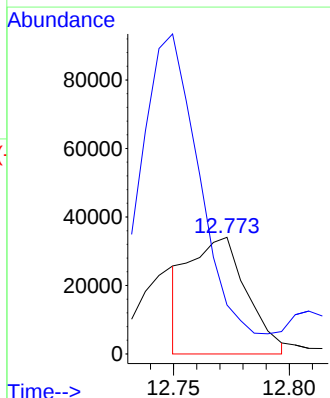
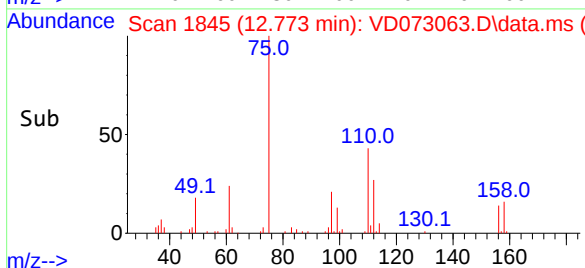
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

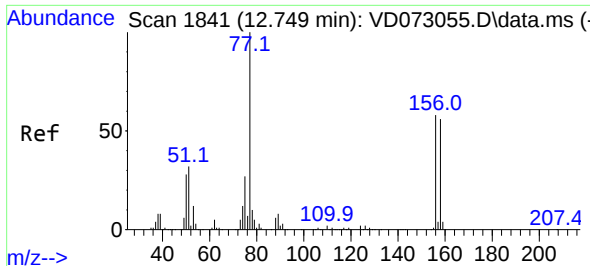


#76
1,2,3-Trichloropropane
Concen: 19.335 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



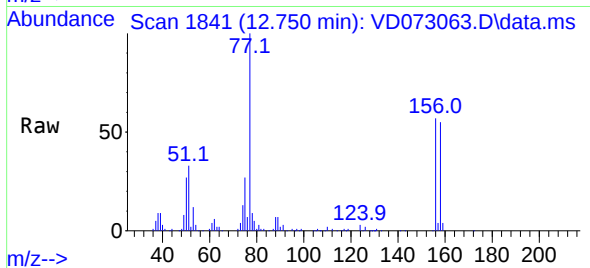
Tgt Ion: 75 Resp: 58852
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 18.653 ug/l
RT: 12.750 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

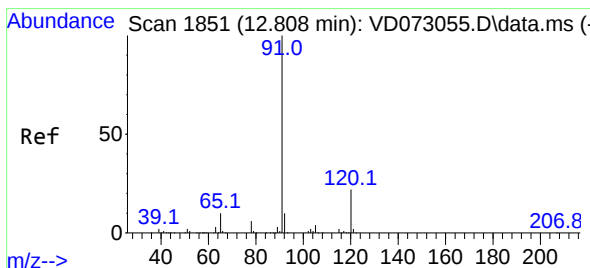
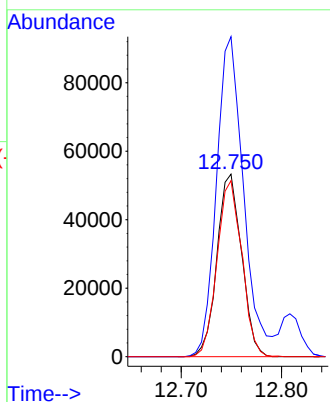
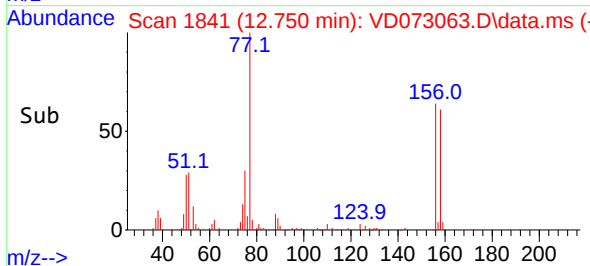
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



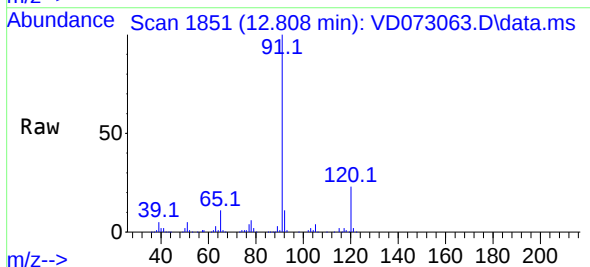
Tgt Ion:156 Resp: 90830
Ion Ratio Lower Upper
156 100
77 192.0 102.8 308.3
158 96.7 48.7 146.1

Manual Integrations
APPROVED

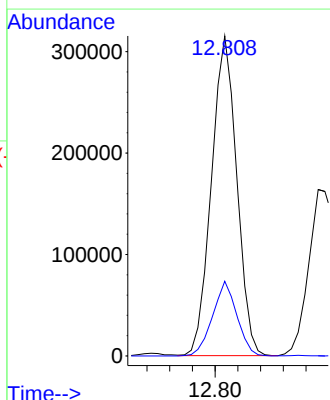
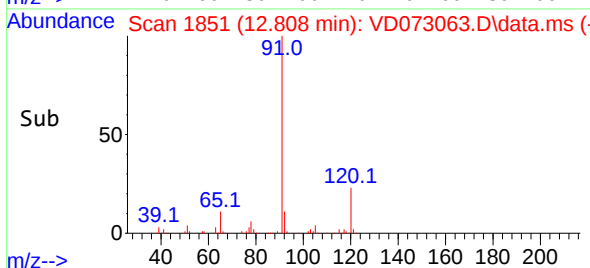
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

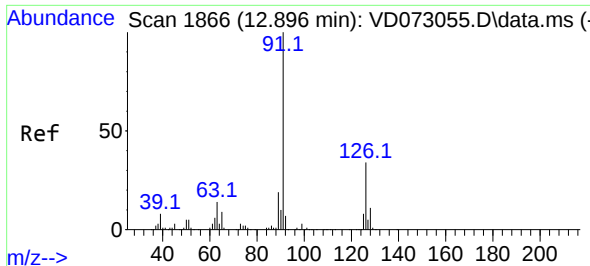


#78
n-propylbenzene
Concen: 19.032 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



Tgt Ion: 91 Resp: 487797
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9





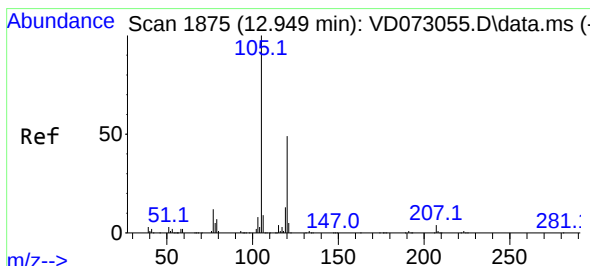
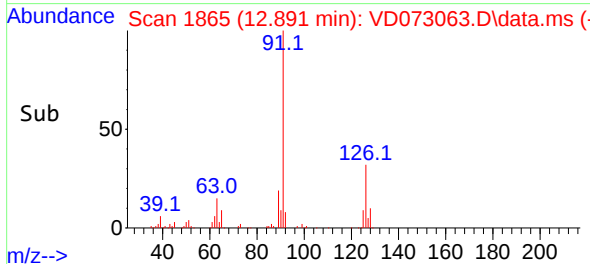
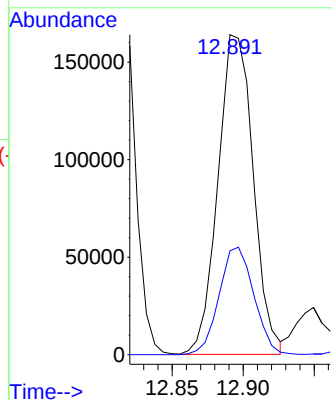
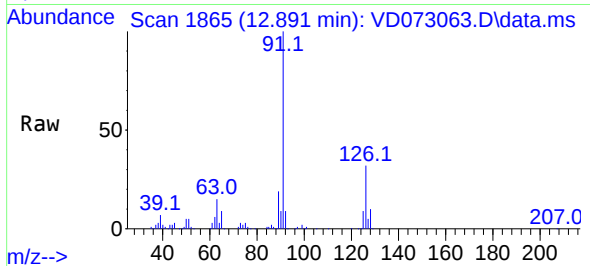
#79
2-Chlorotoluene
Concen: 18.978 ug/l
RT: 12.891 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01

Tgt Ion: 91 Resp: 28335
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6

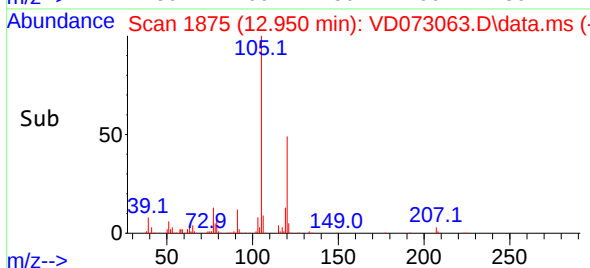
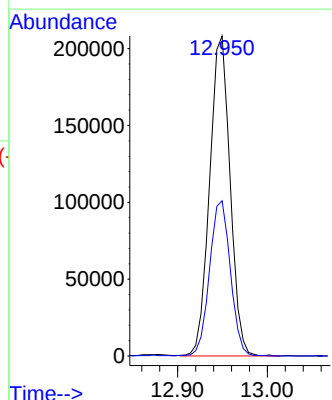
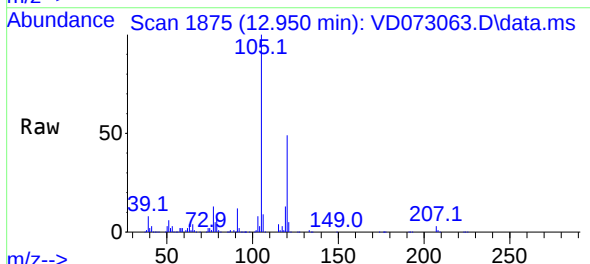
Manual Integrations
APPROVED

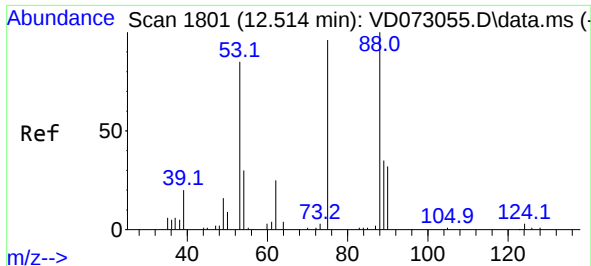
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.960 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

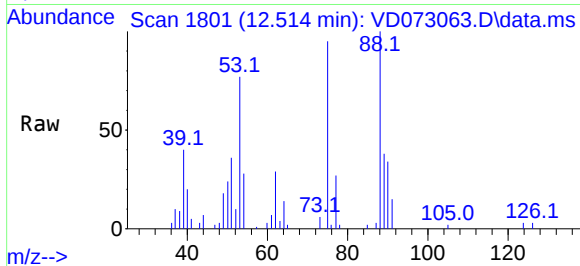
Tgt Ion:105 Resp: 329653
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.897 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

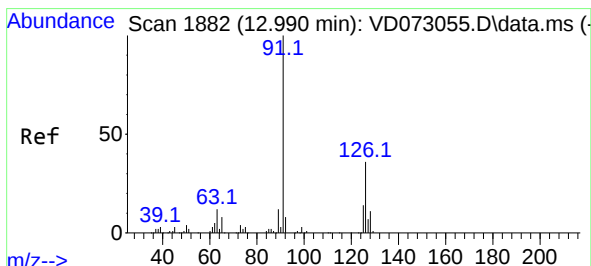
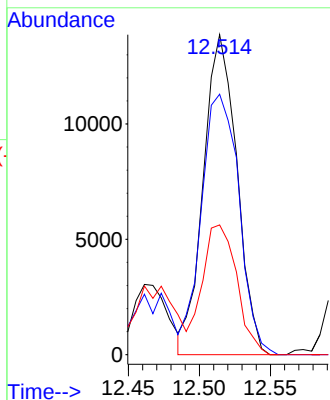
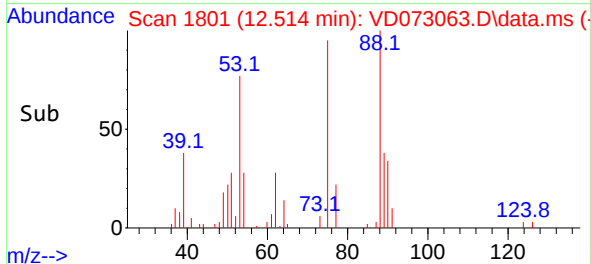
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



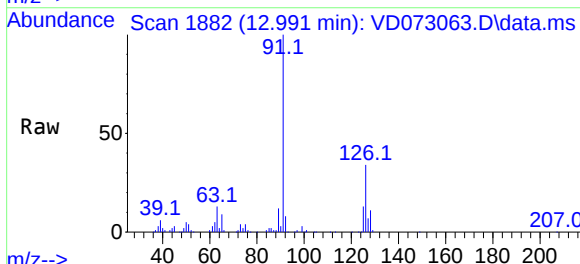
Tgt Ion: 75 Resp: 22719
Ion Ratio Lower Upper
75 100
53 91.5 86.5 129.7
89 41.7 33.9 50.9

Manual Integrations
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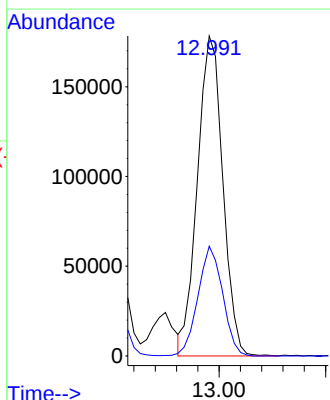
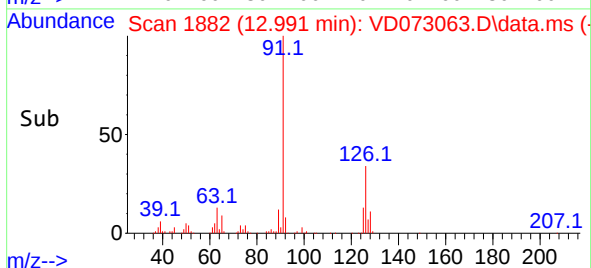
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

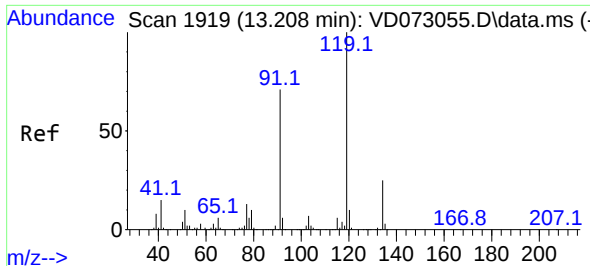


#82
4-Chlorotoluene
Concen: 18.705 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



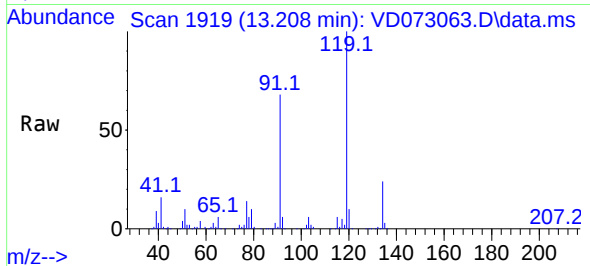
Tgt Ion: 91 Resp: 295581
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5





#83
tert-Butylbenzene
Concen: 18.003 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

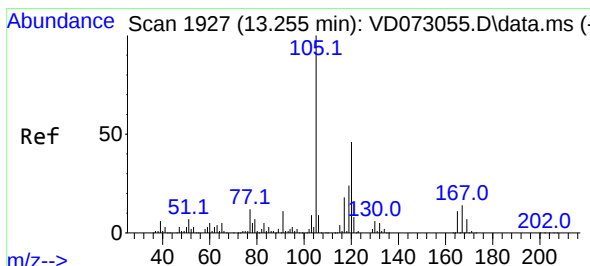
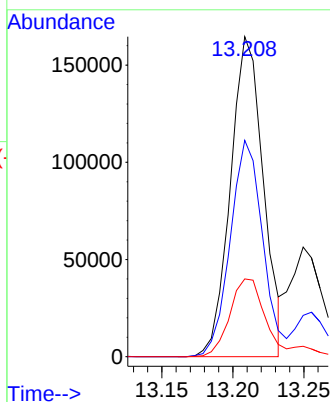
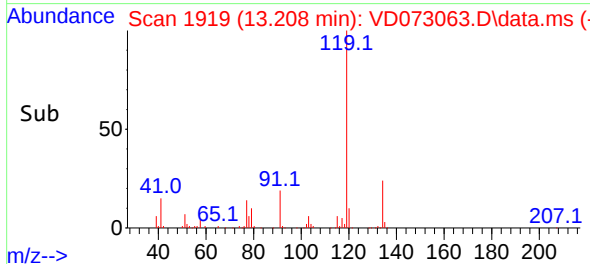
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD01



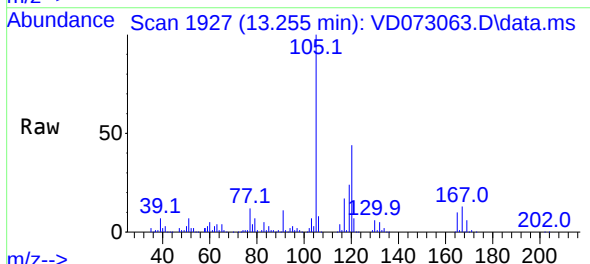
Tgt Ion:119 Resp: 265140
Ion Ratio Lower Upper
119 100
91 67.1 34.8 104.5
134 28.2 13.3 39.9

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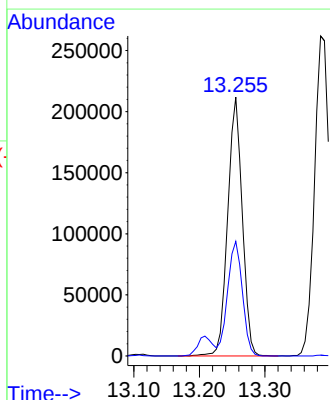
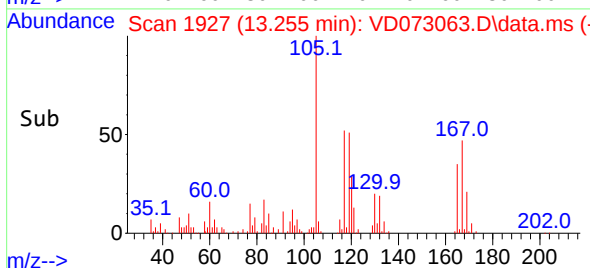
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

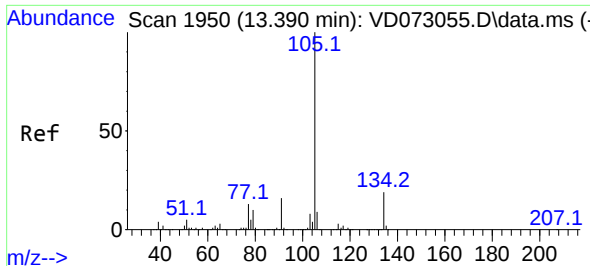


#84
1,2,4-Trimethylbenzene
Concen: 18.913 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



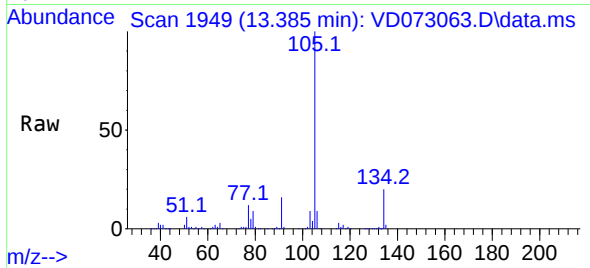
Tgt Ion:105 Resp: 327164
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 18.793 ug/l
 RT: 13.385 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: VD073063.D
 Acq: 17 May 2022 18:08

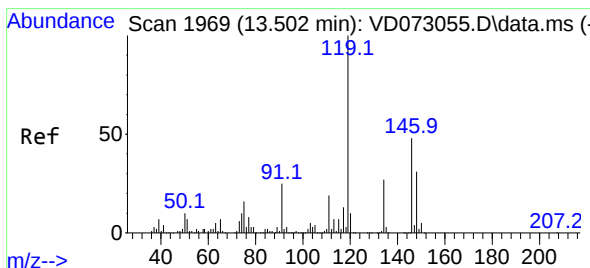
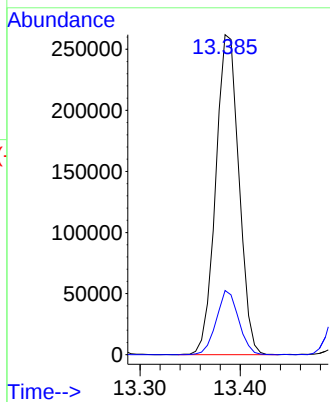
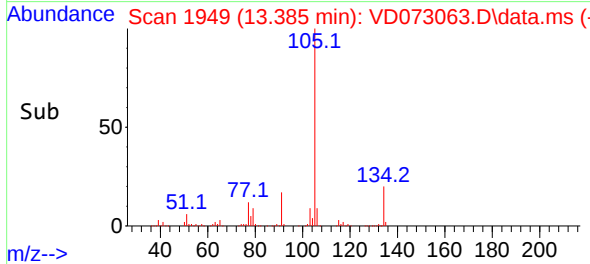
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBSD01



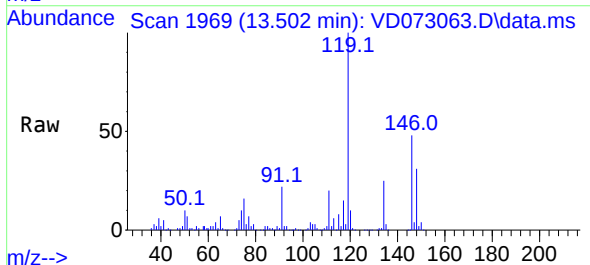
Tgt Ion:105 Resp: 420114
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
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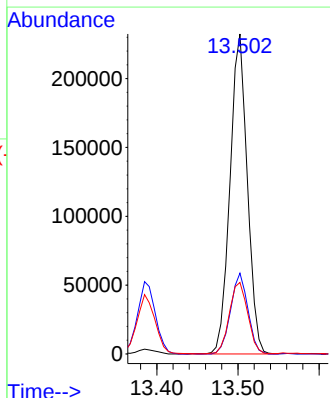
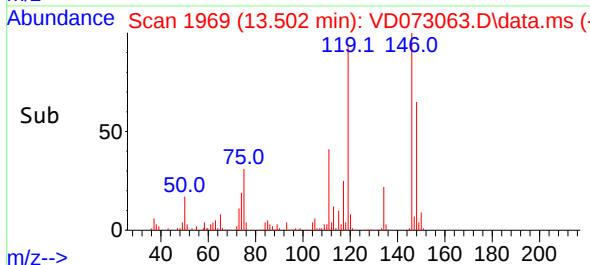
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

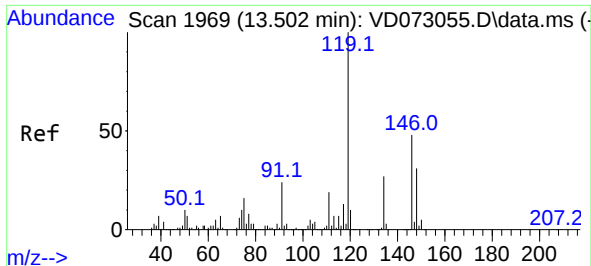


#86
 p-Isopropyltoluene
 Concen: 18.914 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073063.D
 Acq: 17 May 2022 18:08



Tgt Ion:119 Resp: 343929
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 23.6 12.1 36.3





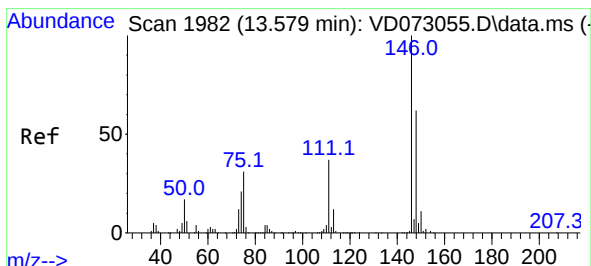
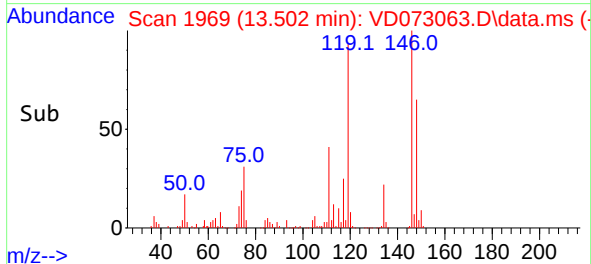
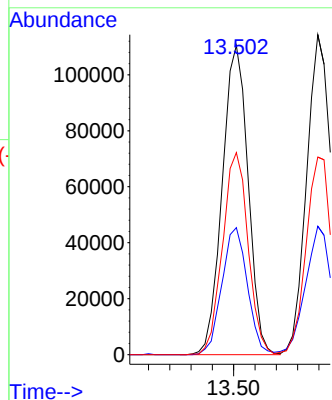
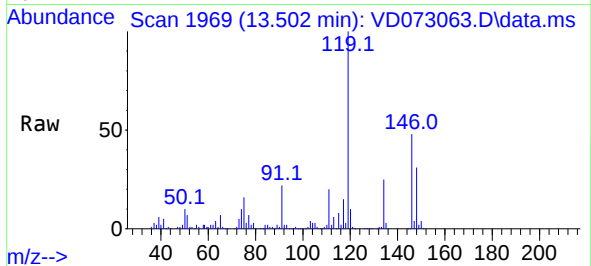
#87
1,3-Dichlorobenzene
Concen: 18.585 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion:146 Resp: 18601
Ion Ratio Lower Upper
146 100
111 40.7 20.4 61.3
148 64.6 31.9 95.7

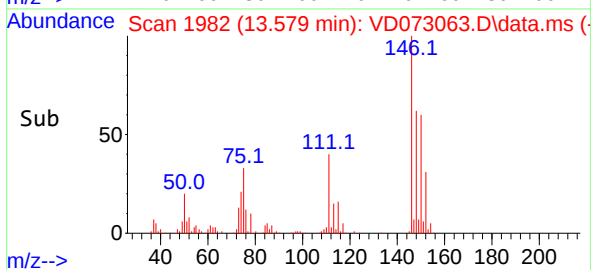
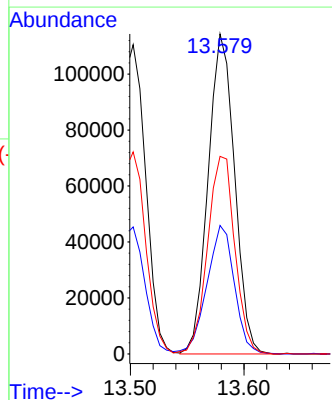
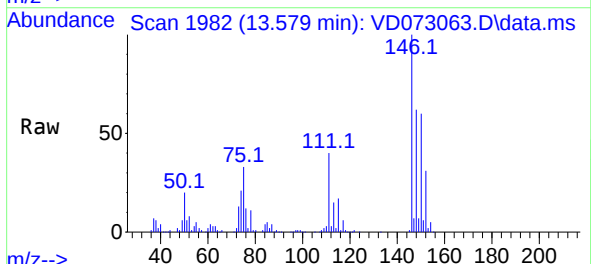
Manual Integrations
APPROVED

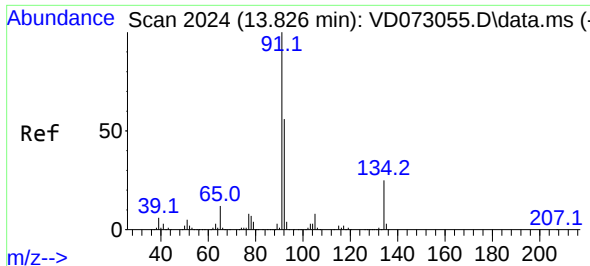
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#88
1,4-Dichlorobenzene
Concen: 18.740 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

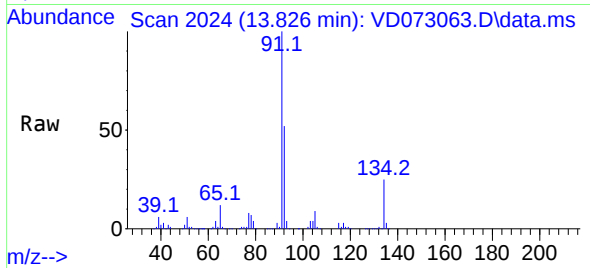
Tgt Ion:146 Resp: 185348
Ion Ratio Lower Upper
146 100
111 41.7 20.3 60.9
148 63.7 31.7 95.1





#89
n-Butylbenzene
Concen: 18.191 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

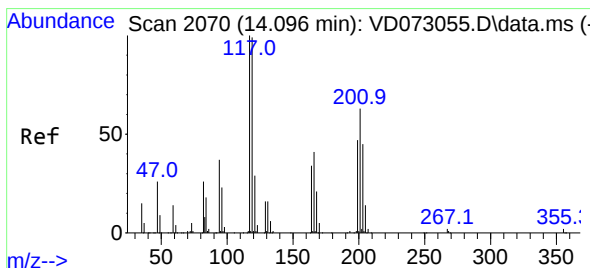
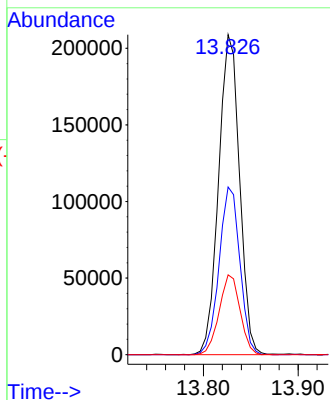
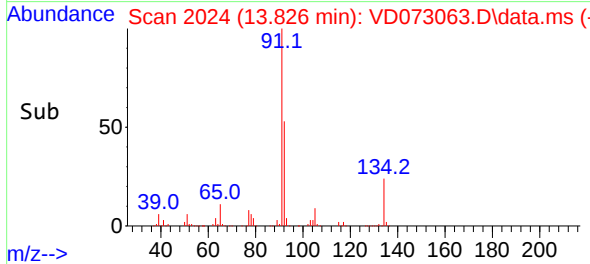
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



Tgt Ion: 91 Resp: 32167
Ion Ratio Lower Upper
91 100
92 52.0 26.6 79.8
134 24.9 12.3 36.9

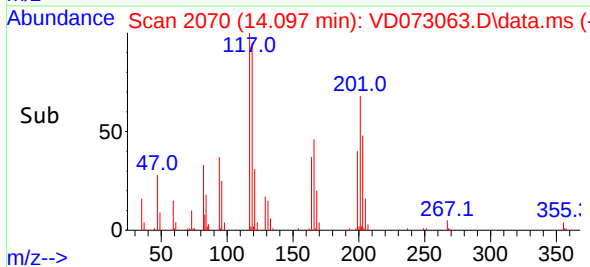
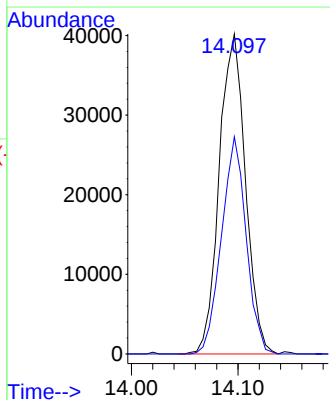
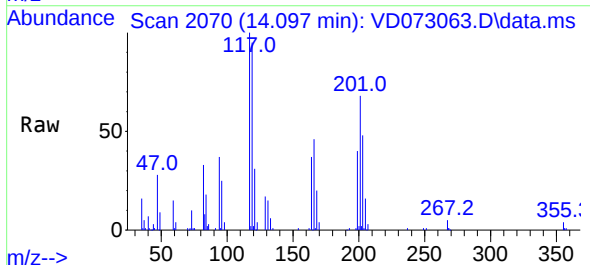
Manual Integrations
APPROVED

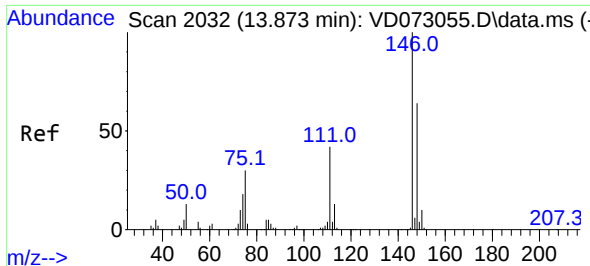
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachloroethane
Concen: 18.163 ug/l
RT: 14.097 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Tgt Ion:117 Resp: 68627
Ion Ratio Lower Upper
117 100
201 63.8 33.4 100.2





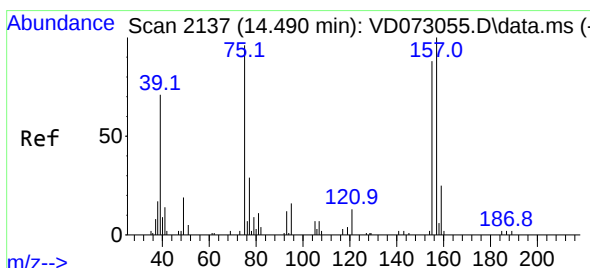
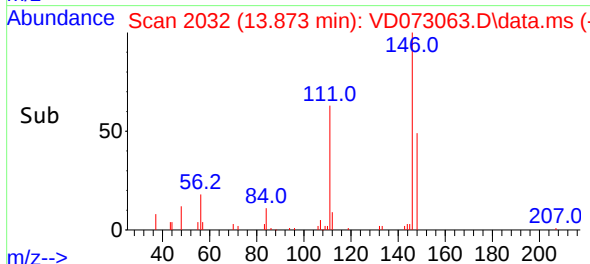
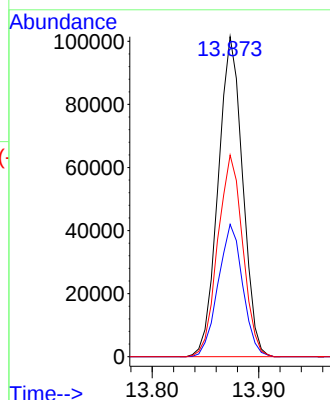
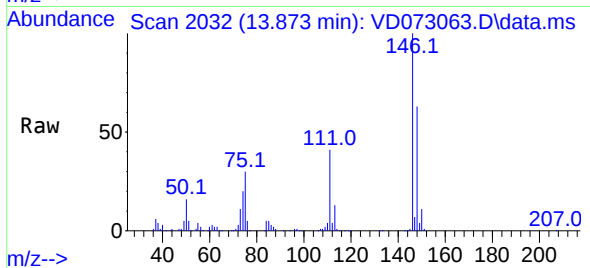
#91
1,2-Dichlorobenzene
Concen: 18.652 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion:146 Resp: 16191
Ion Ratio Lower Upper
146 100
111 41.6 21.1 63.3
148 64.4 31.7 95.1

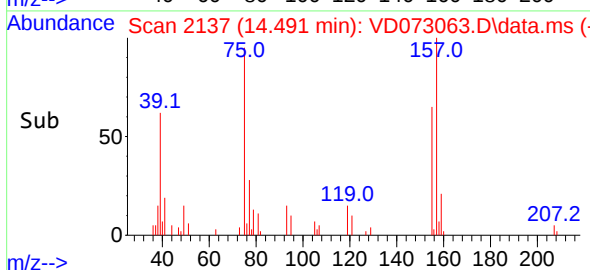
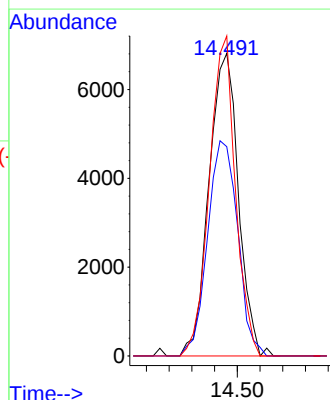
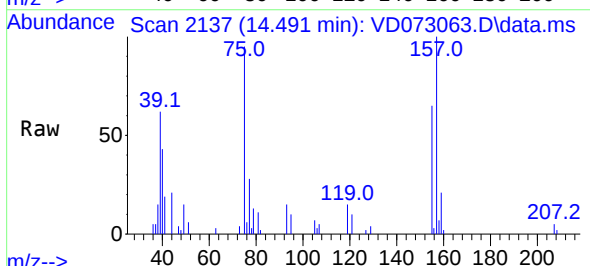
Manual Integrations
APPROVED

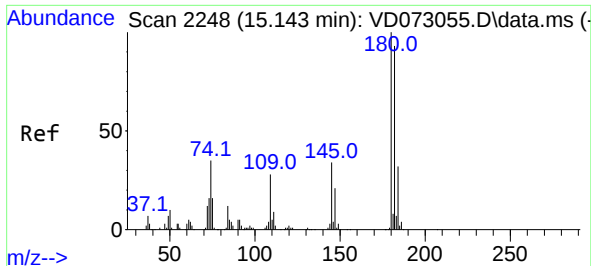
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.576 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

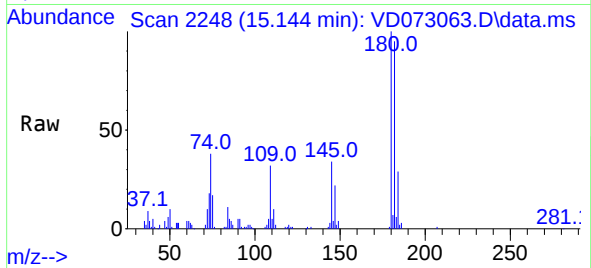
Tgt Ion: 75 Resp: 12243
Ion Ratio Lower Upper
75 100
155 73.0 36.8 110.3
157 93.7 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 17.866 ug/l
RT: 15.144 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

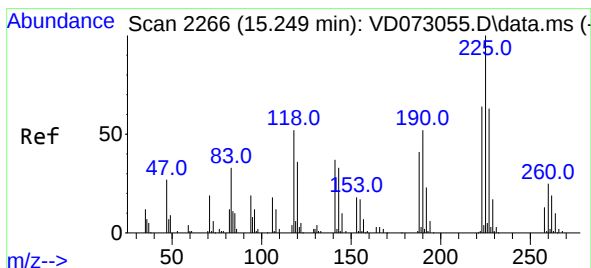
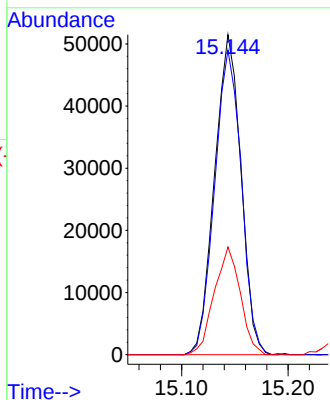
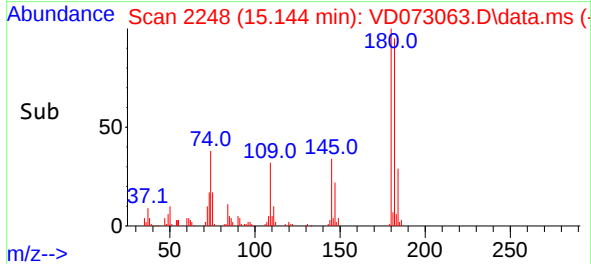
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



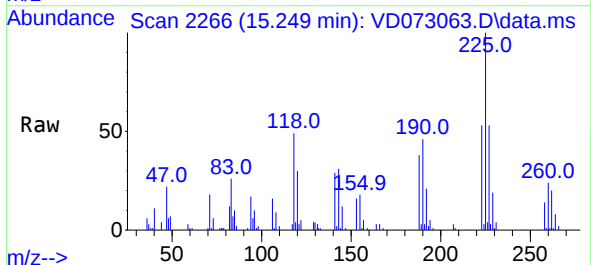
Tgt Ion:180 Resp: 88490
Ion Ratio Lower Upper
180 100
182 96.3 47.3 142.0
145 33.3 16.2 48.5

Manual Integrations
APPROVED

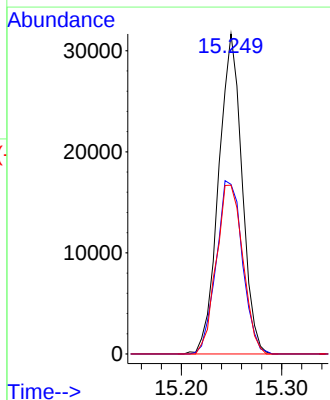
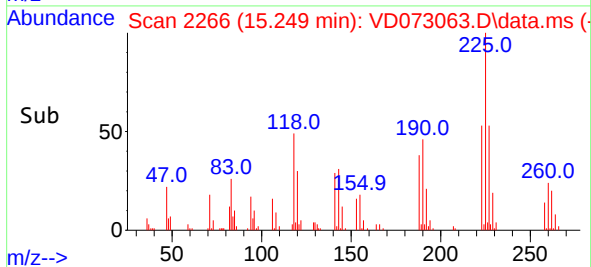
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

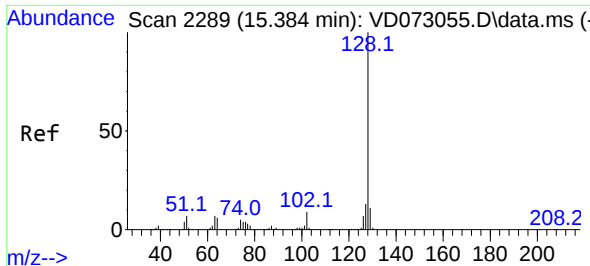


#94
Hexachlorobutadiene
Concen: 18.510 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



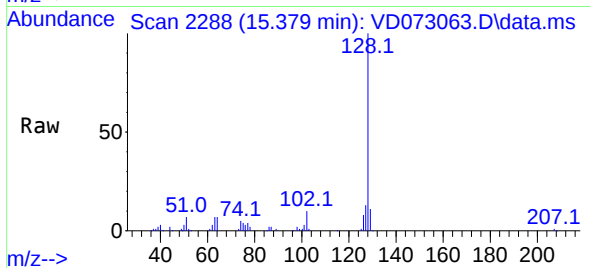
Tgt Ion:225 Resp: 51175
Ion Ratio Lower Upper
225 100
223 60.4 31.1 93.2
227 59.7 32.4 97.0





#95
Naphthalene
Concen: 18.281 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08

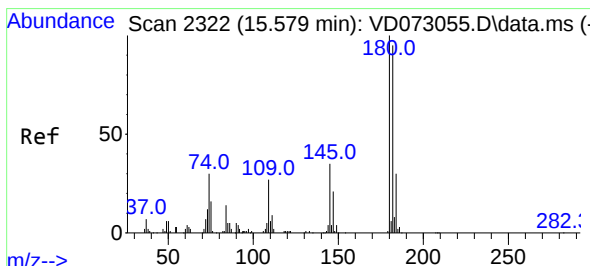
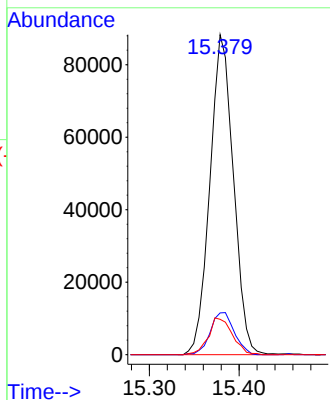
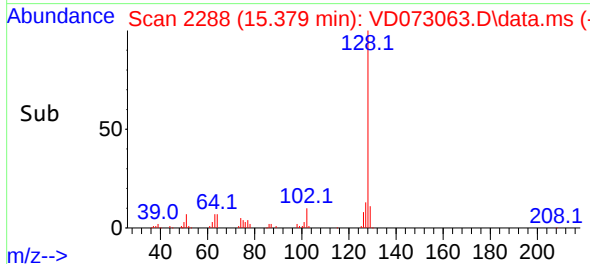
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



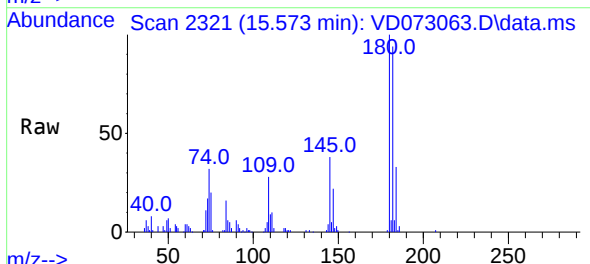
Tgt Ion:128 Resp: 160785
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.425 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073063.D
Acq: 17 May 2022 18:08



Tgt Ion:180 Resp: 81023
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 34.6 17.1 51.3

