

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073092.D
 Acq On : 18 May 2022 11:56
 Operator : VA/SY
 Sample : VD0518SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 18 16:28:56 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	282619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	478618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	475228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	237114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179688	50.840	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.680%			
35) Dibromofluoromethane	7.909	113	172441	51.315	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.640%			
50) Toluene-d8	10.332	98	632841	51.910	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.820%			
62) 4-Bromofluorobenzene	12.620	95	230162	52.126	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	76105	21.535	ug/l	97
3) Chloromethane	2.209	50	76078	20.882	ug/l	99
4) Vinyl Chloride	2.350	62	70699	21.100	ug/l	98
5) Bromomethane	2.750	94	50596	21.260	ug/l	95
6) Chloroethane	2.909	64	42226	20.237	ug/l	100
7) Trichlorofluoromethane	3.273	101	126388	20.612	ug/l	96
8) Diethyl Ether	3.703	74	33217	19.798	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	74885	20.623	ug/l	97
10) Methyl Iodide	4.297	142	73663	20.220	ug/l	100
11) Tert butyl alcohol	5.209	59	46820	85.644	ug/l #	84
12) 1,1-Dichloroethene	4.068	96	68584	20.887	ug/l	91
13) Acrolein	3.921	56	31617	102.865	ug/l	97
14) Allyl chloride	4.715	41	100679	19.353	ug/l	92
15) Acrylonitrile	5.415	53	79681	99.088	ug/l	97
16) Acetone	4.156	43	62017	96.963	ug/l	97
17) Carbon Disulfide	4.409	76	224663	20.429	ug/l	99
18) Methyl Acetate	4.726	43	38371	20.747	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	154015	20.057	ug/l	99
20) Methylene Chloride	4.962	84	97902	21.090	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	78512	20.101	ug/l	93
22) Diisopropyl ether	6.362	45	232757	20.845	ug/l	94
23) Vinyl Acetate	6.303	43	615399	102.019	ug/l	98
24) 1,1-Dichloroethane	6.262	63	144752	20.837	ug/l	100
25) 2-Butanone	7.209	43	94860	97.944	ug/l	97
26) 2,2-Dichloropropane	7.209	77	119056	20.243	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	88280	20.496	ug/l	91
28) Bromochloromethane	7.538	49	45522	19.130	ug/l	85
29) Tetrahydrofuran	7.561	42	60955	97.808	ug/l	94
30) Chloroform	7.703	83	153352	20.632	ug/l	97
31) Cyclohexane	7.973	56	129248	20.302	ug/l #	96
32) 1,1,1-Trichloroethane	7.897	97	127943	20.092	ug/l	98
36) 1,1-Dichloropropene	8.109	75	110727	20.222	ug/l	95
37) Ethyl Acetate	7.285	43	46249	20.112	ug/l	96
38) Carbon Tetrachloride	8.091	117	113224	20.212	ug/l	98
39) Methylcyclohexane	9.350	83	127662	19.995	ug/l	97
40) Benzene	8.344	78	327668	20.929	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	21849	16.850	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	94504	20.738	ug/l	94
43) Isopropyl Acetate	8.444	43	83875	19.618	ug/l #	94
44) Trichloroethene	9.108	130	85060	20.086	ug/l	100
45) 1,2-Dichloropropane	9.379	63	84332	20.742	ug/l	93
46) Dibromomethane	9.467	93	46270	20.581	ug/l	98
47) Bromodichloromethane	9.650	83	116447	20.393	ug/l	96
48) Methyl methacrylate	9.450	41	42255	19.925	ug/l	91
49) 1,4-Dioxane	9.456	88	9124	389.808	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	222023	99.512	ug/l	95
52) Toluene	10.397	92	204689	20.593	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	104549	20.076	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	125097	20.374	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	62824	20.473	ug/l	98
56) Ethyl methacrylate	10.650	69	67671	19.499	ug/l	92
57) 1,3-Dichloropropane	10.938	76	106828	20.460	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	129044	86.295	ug/l	95
59) 2-Hexanone	10.973	43	148535	100.779	ug/l	95
60) Dibromochloromethane	11.132	129	81385	21.347	ug/l	94
61) 1,2-Dibromoethane	11.238	107	61233	20.737	ug/l	98
64) Tetrachloroethene	10.867	164	69669	20.010	ug/l	95
65) Chlorobenzene	11.661	112	215490	19.998	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	83262	20.228	ug/l	99
67) Ethyl Benzene	11.738	91	375558	20.017	ug/l	98
68) m/p-Xylenes	11.844	106	303984	41.805	ug/l	97
69) o-Xylene	12.167	106	138863	20.708	ug/l	95
70) Styrene	12.185	104	243835	20.819	ug/l	98
71) Bromoform	12.349	173	42709	19.707	ug/l #	95
73) Isopropylbenzene	12.467	105	363457	20.222	ug/l	99
74) N-amyl acetate	12.279	43	80667	19.205	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	70762	19.971	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	52380m	19.542	ug/l	
77) Bromobenzene	12.749	156	87650	20.439	ug/l	95
78) n-propylbenzene	12.808	91	464384	20.575	ug/l	99
79) 2-Chlorotoluene	12.897	91	265799	20.215	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	312364	20.401	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	22388	20.027	ug/l	92
82) 4-Chlorotoluene	12.991	91	284468	20.442	ug/l	99
83) tert-Butylbenzene	13.214	119	263835	20.343	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	315929	20.739	ug/l	100
85) sec-Butylbenzene	13.391	105	402531	20.447	ug/l	100
86) p-Isopropyltoluene	13.502	119	330022	20.610	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	178933	20.301	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	177567	20.387	ug/l	99
89) n-Butylbenzene	13.826	91	312732	20.082	ug/l	99
90) Hexachloroethane	14.096	117	65427	19.664	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	157404	20.590	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	10548	19.152	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	86773	19.894	ug/l	97
94) Hexachlorobutadiene	15.249	225	50888	20.902	ug/l	95
95) Naphthalene	15.385	128	148857	19.001	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	78535	20.280	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/24/2022

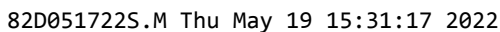
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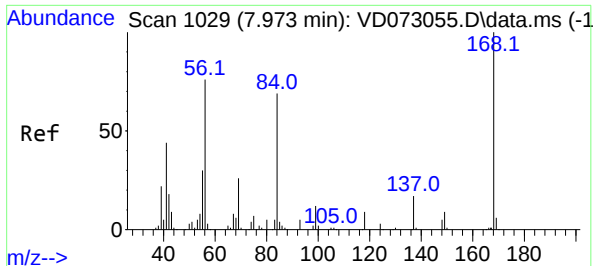
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

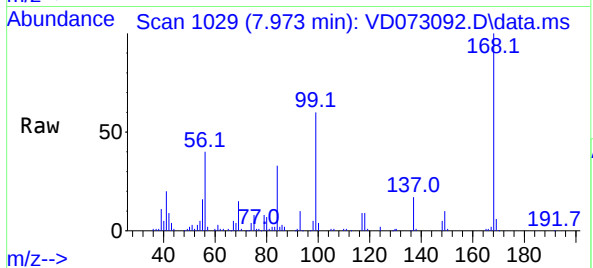
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

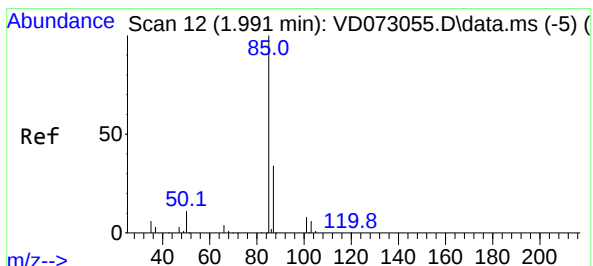
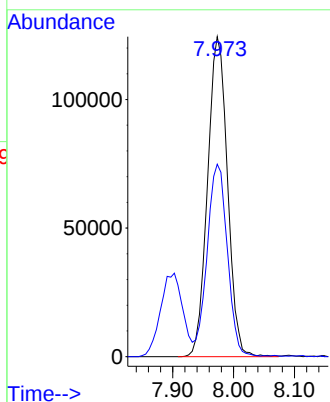
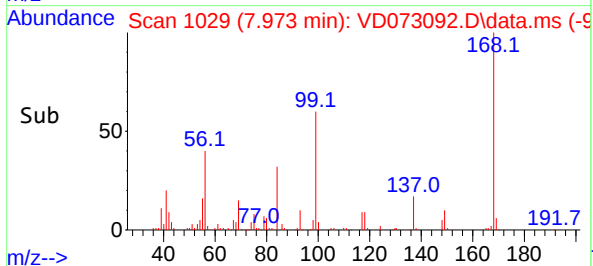
Instrument :
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ClientSampleId :
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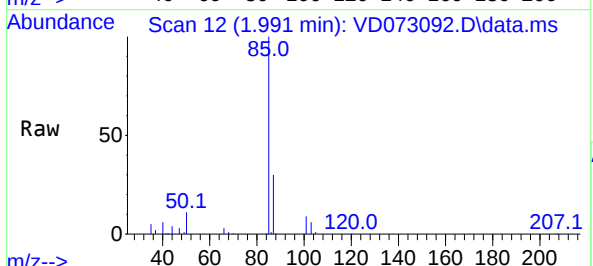
Tgt Ion:168 Resp: 282619
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6

Manual Integrations
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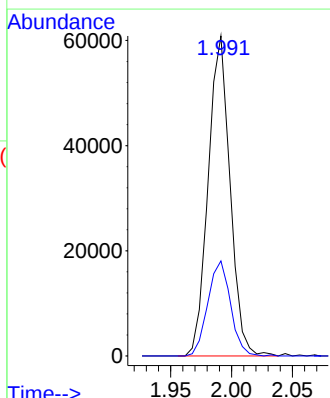
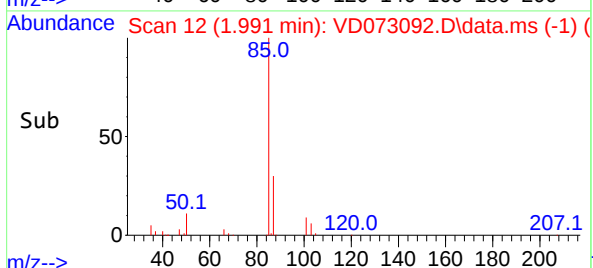
Reviewed By :John Carlone 05/19/2022
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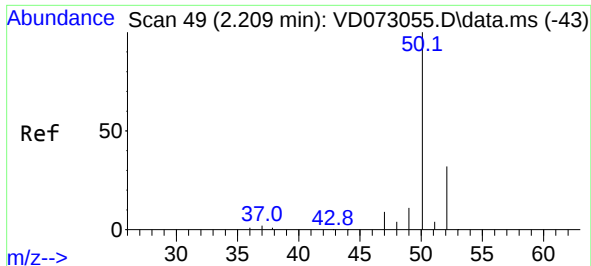


#2
Dichlorodifluoromethane
Concen: 21.535 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



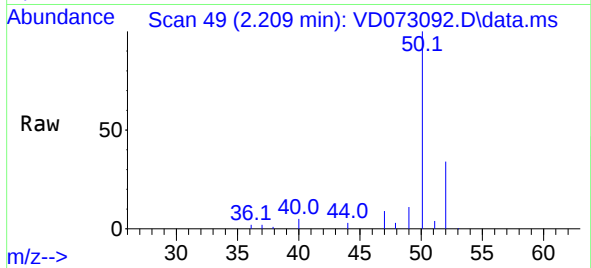
Tgt Ion: 85 Resp: 76105
Ion Ratio Lower Upper
85 100
87 29.7 15.7 47.0





#3
Chloromethane
Concen: 20.882 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

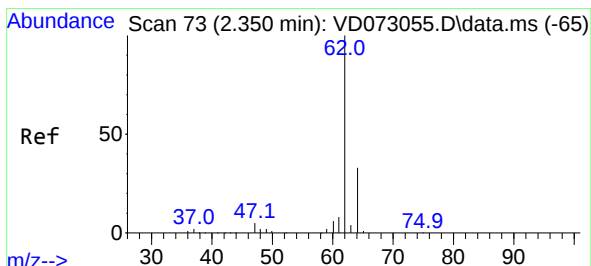
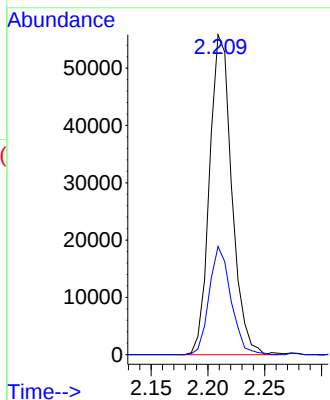
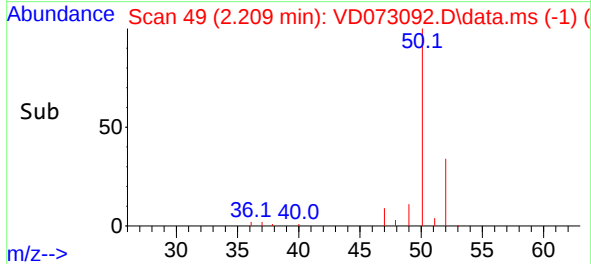
Instrument :
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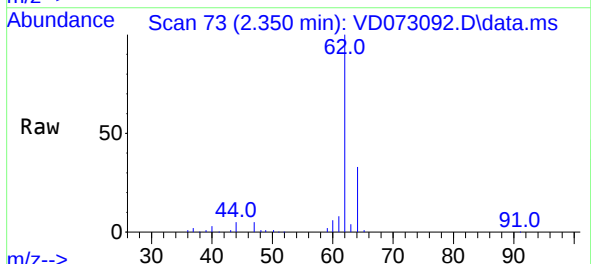
Tgt Ion: 50 Resp: 76078
Ion Ratio Lower Upper
50 100
52 33.8 27.4 41.0

Manual Integrations
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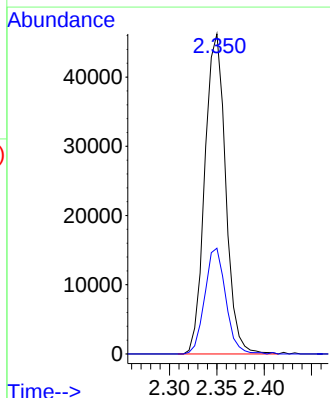
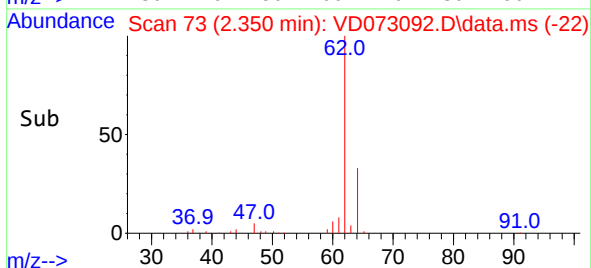
Reviewed By :John Carlone 05/19/2022
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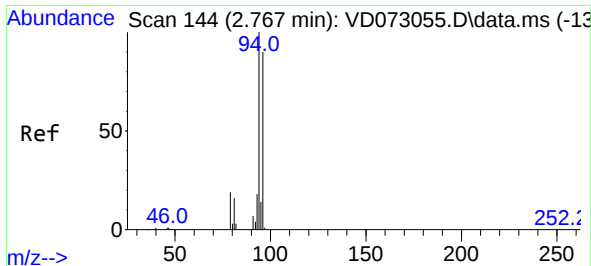


#4
Vinyl Chloride
Concen: 21.100 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



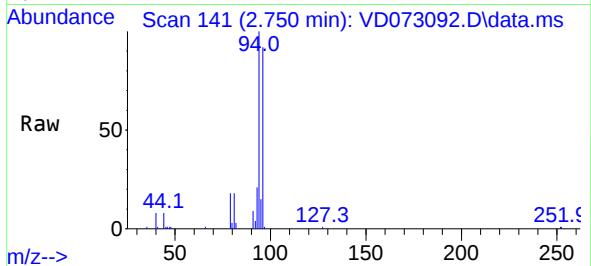
Tgt Ion: 62 Resp: 70699
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0





#5
Bromomethane
Concen: 21.260 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

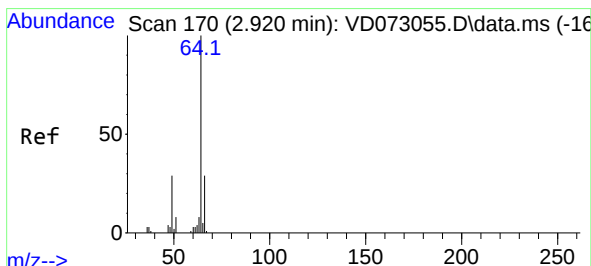
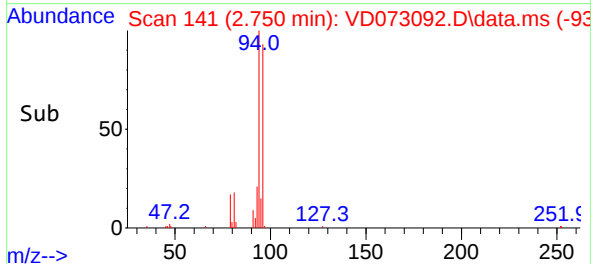
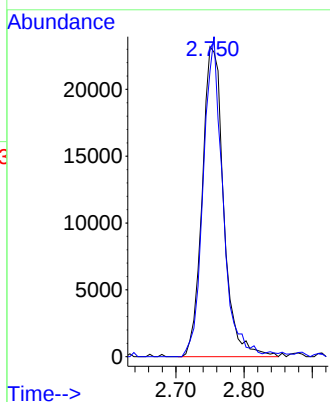
Instrument :
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Tgt Ion: 94 Resp: 50590
Ion Ratio Lower Upper
94 100
96 92.2 77.6 116.4

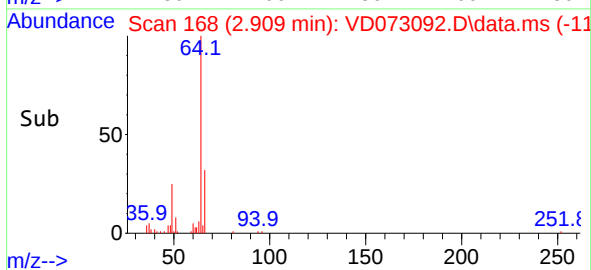
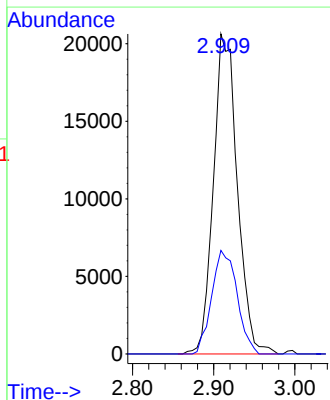
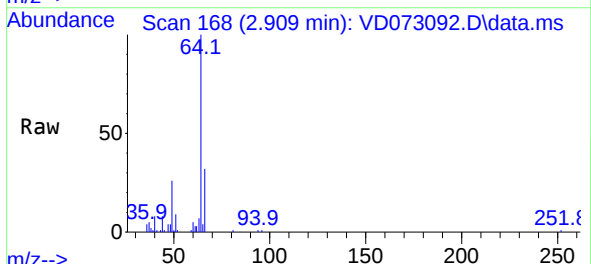
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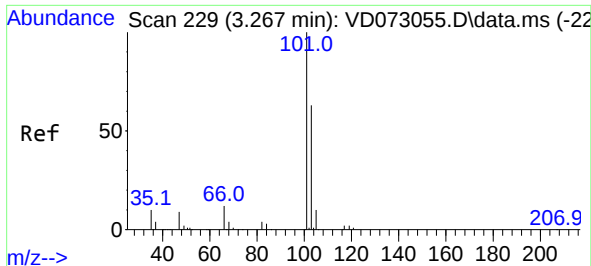
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#6
Chloroethane
Concen: 20.237 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

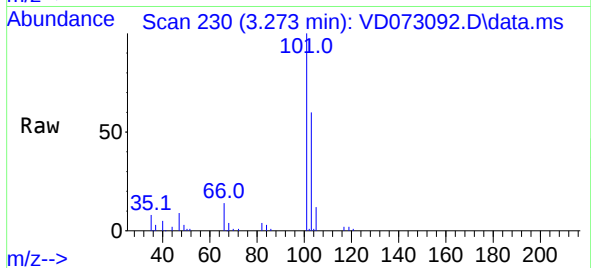
Tgt Ion: 64 Resp: 42226
Ion Ratio Lower Upper
64 100
66 32.3 25.9 38.9





#7
Trichlorofluoromethane
Concen: 20.612 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

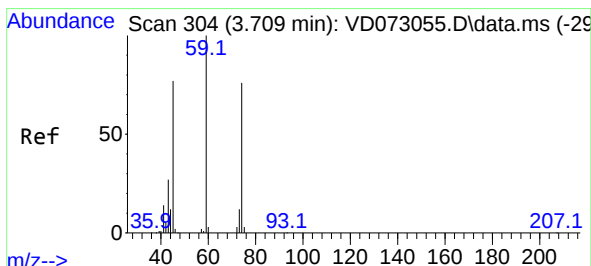
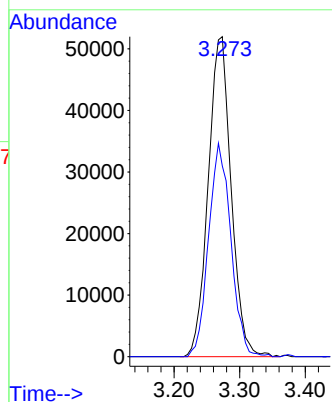
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



Tgt Ion:101 Resp: 12638
Ion Ratio Lower Upper
101 100
103 59.7 50.1 75.1

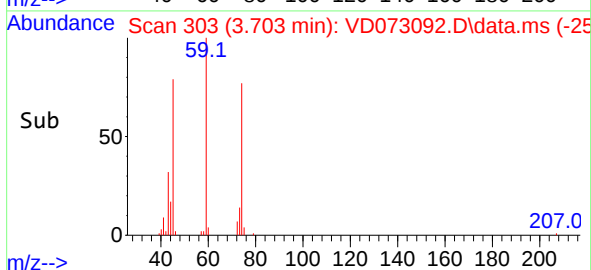
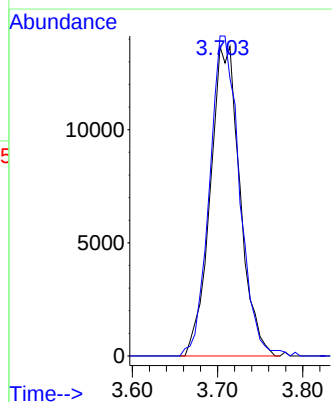
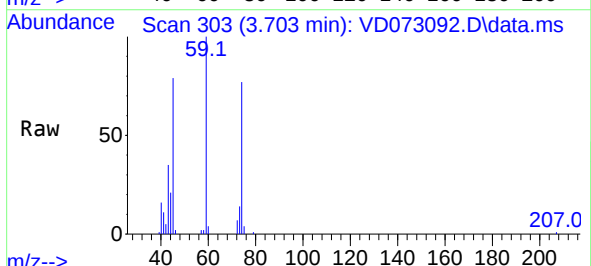
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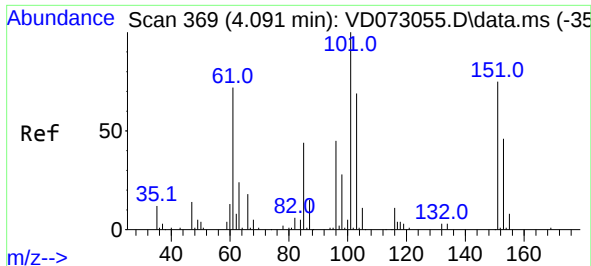
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#8
Diethyl Ether
Concen: 19.798 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Tgt Ion: 74 Resp: 33217
Ion Ratio Lower Upper
74 100
45 104.3 52.6 157.8





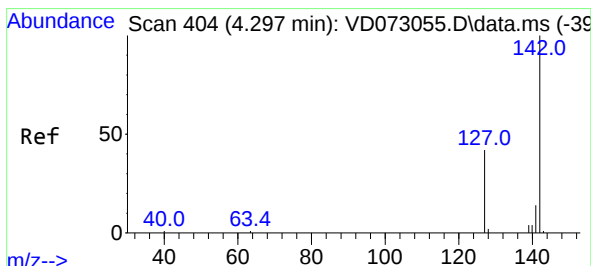
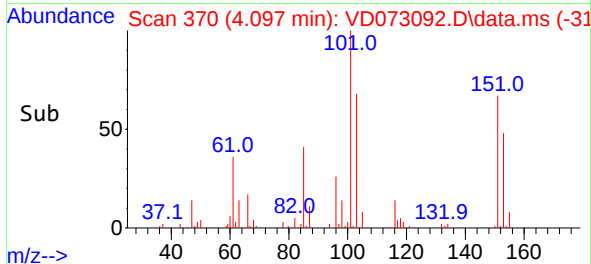
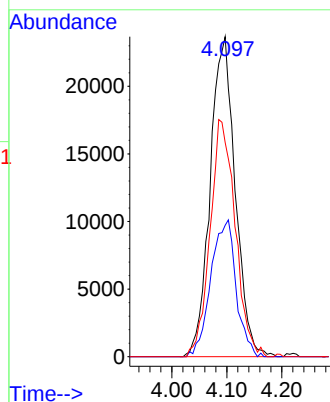
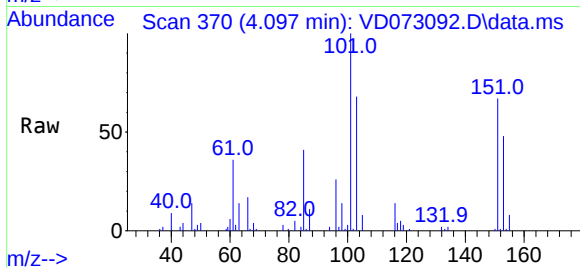
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.623 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion:101 Resp: 7488
Ion Ratio Lower Upper
101 100
85 43.1 36.4 54.6
151 74.3 57.3 85.9

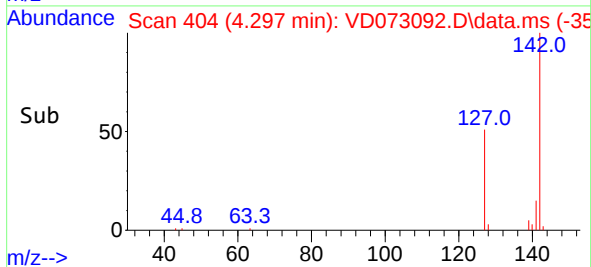
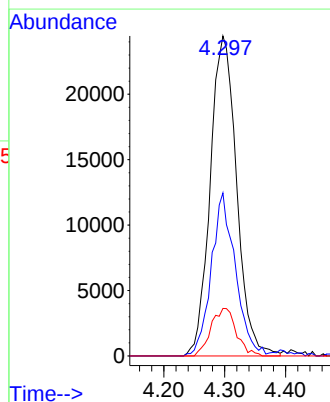
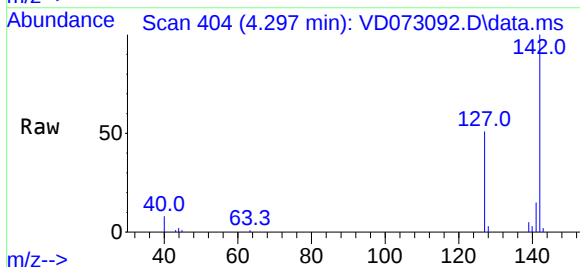
Manual Integrations
APPROVED

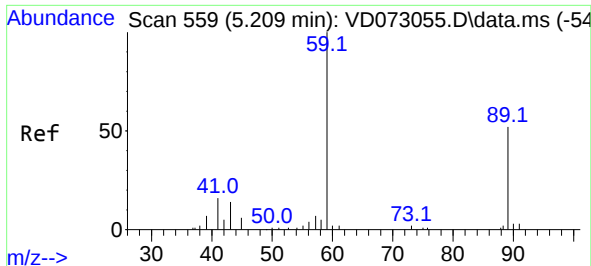
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#10
Methyl Iodide
Concen: 20.220 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

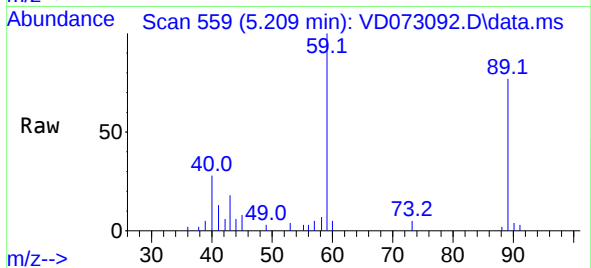
Tgt Ion:142 Resp: 73663
Ion Ratio Lower Upper
142 100
127 46.5 37.3 55.9
141 14.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 85.644 ug/l
RT: 5.209 min Scan# 511
Delta R.T. -0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

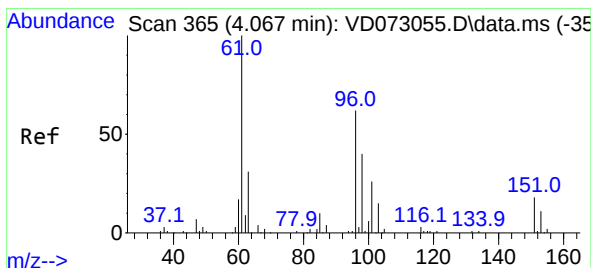
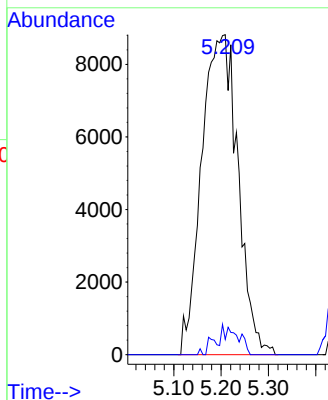
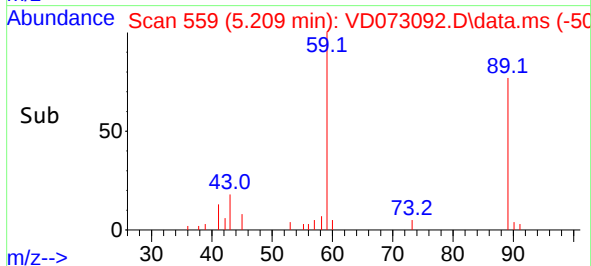
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



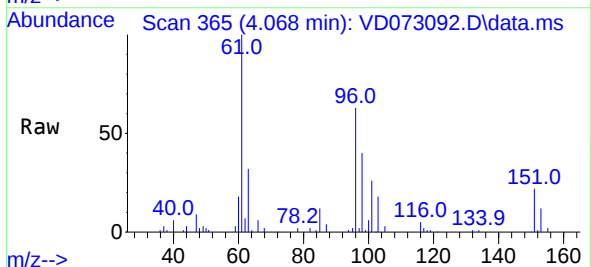
Tgt Ion: 59 Resp: 46820
Ion Ratio Lower Upper
59 100
57 4.0 7.8 11.6

Manual Integrations
APPROVED

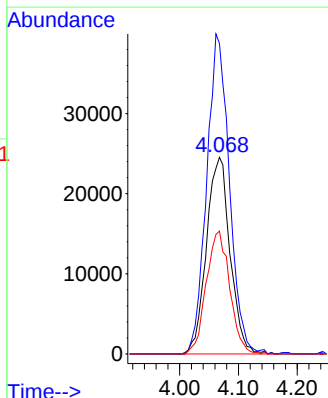
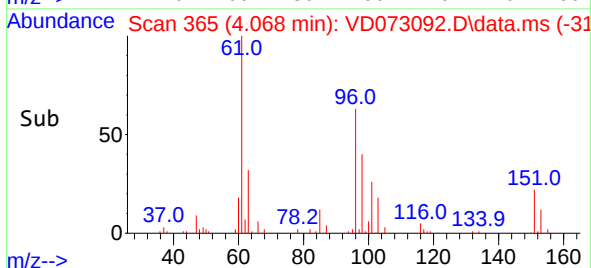
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

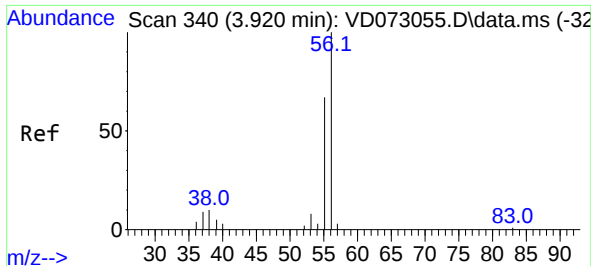


#12
1,1-Dichloroethene
Concen: 20.887 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



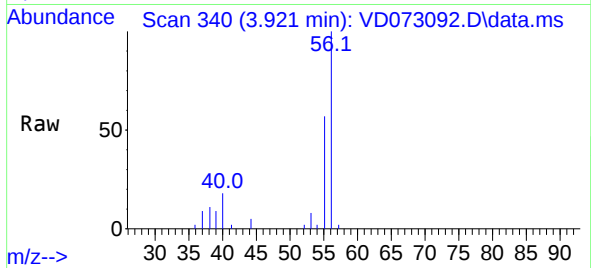
Tgt Ion: 96 Resp: 68584
Ion Ratio Lower Upper
96 100
61 157.9 138.5 207.7
98 62.5 48.6 73.0





#13
Acrolein
Concen: 102.865 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.001 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

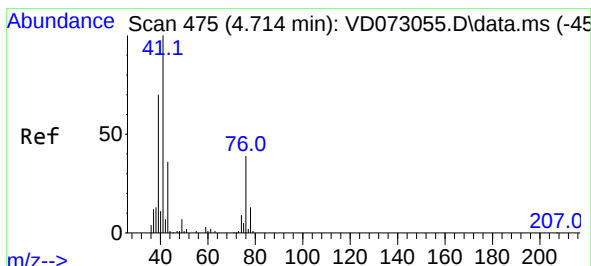
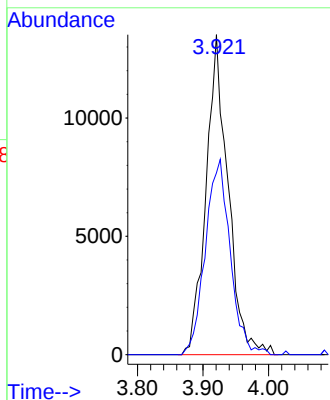
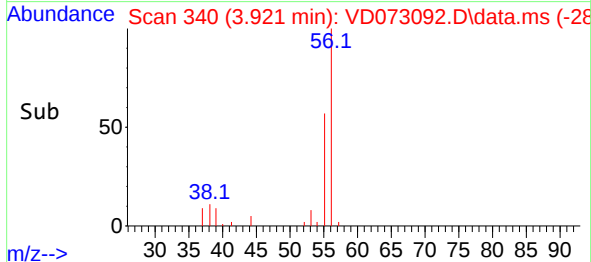
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBSD01



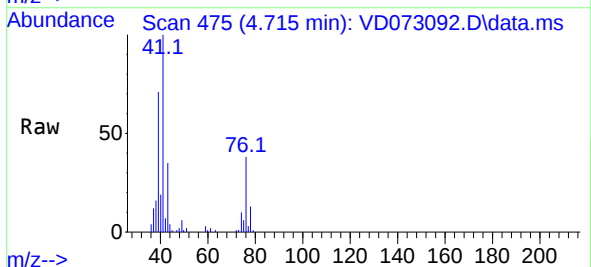
Tgt Ion: 56 Resp: 3161
Ion Ratio Lower Upper
56 100
55 68.8 57.1 85.7

Manual Integrations
APPROVED

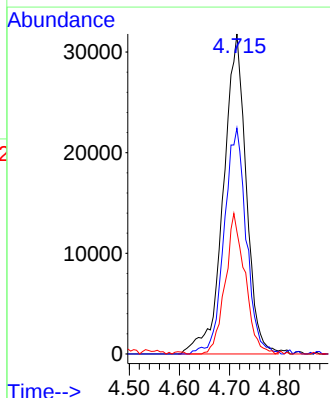
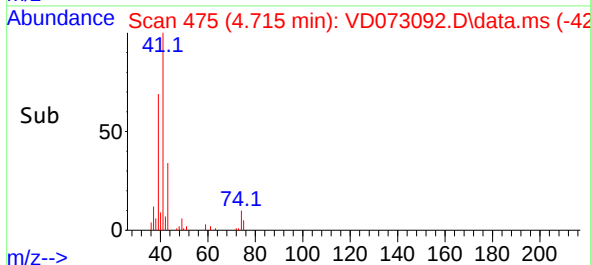
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

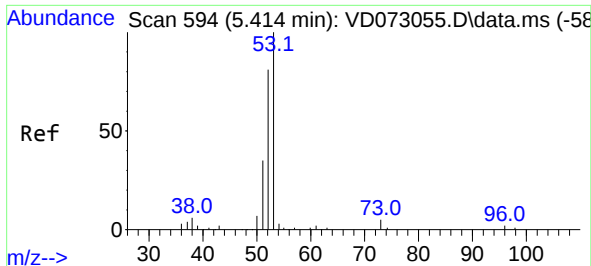


#14
Allyl chloride
Concen: 19.353 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



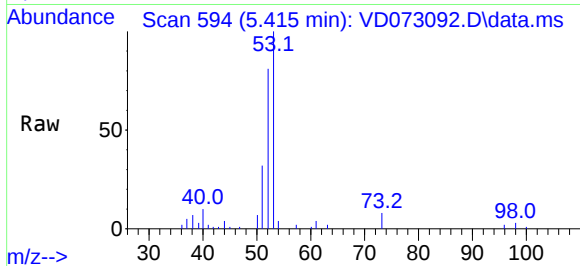
Tgt Ion: 41 Resp: 100679
Ion Ratio Lower Upper
41 100
39 68.5 59.3 88.9
76 38.1 25.7 38.5





#15
Acrylonitrile
Concen: 99.088 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

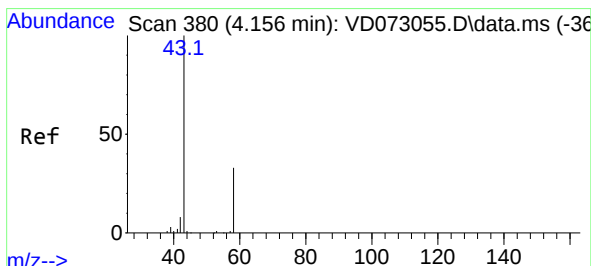
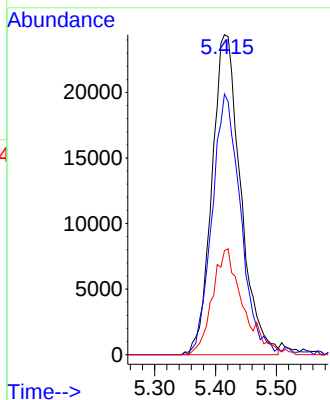
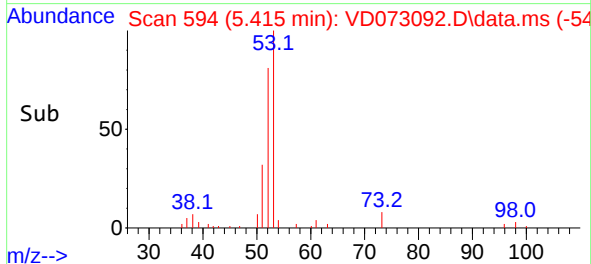
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBSD01



Tgt Ion: 53 Resp: 7968
Ion Ratio Lower Upper
53 100
52 81.5 67.2 100.8
51 35.2 30.3 45.5

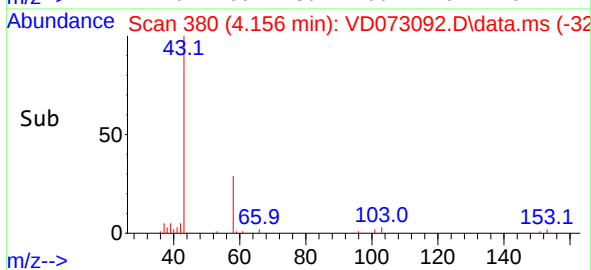
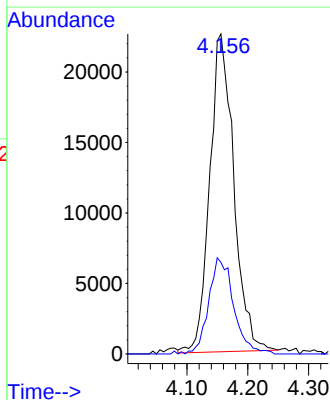
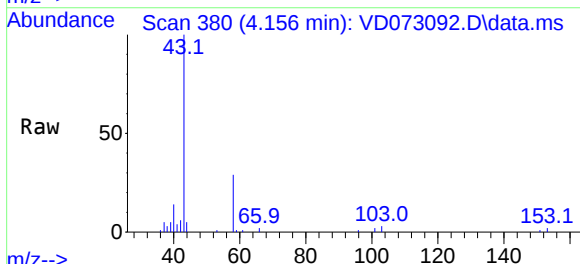
Manual Integrations
APPROVED

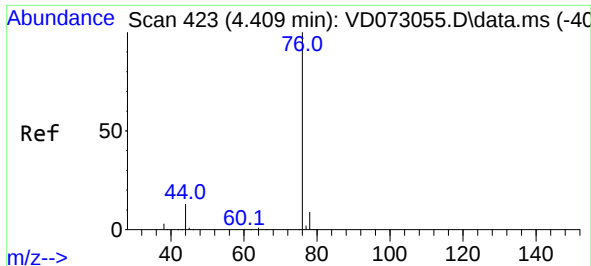
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#16
Acetone
Concen: 96.963 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

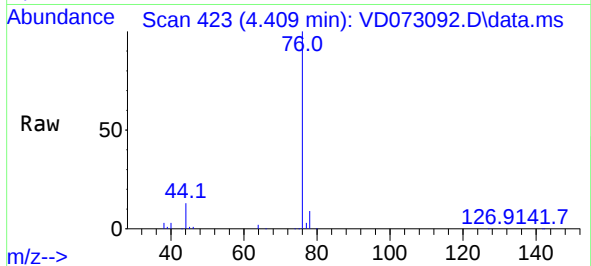
Tgt Ion: 43 Resp: 62017
Ion Ratio Lower Upper
43 100
58 28.9 22.1 33.1





#17
Carbon Disulfide
Concen: 20.429 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

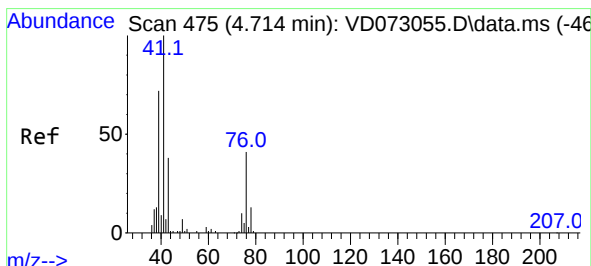
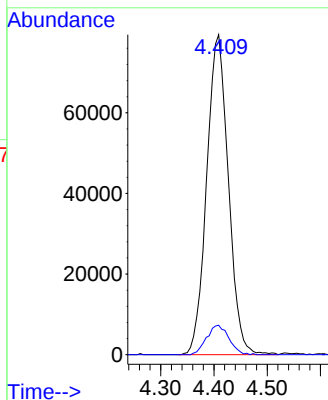
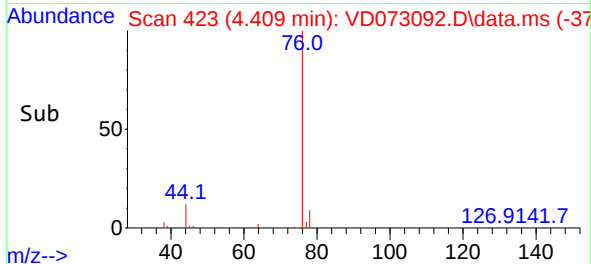
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



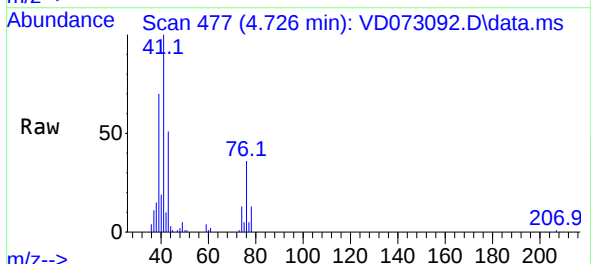
Tgt Ion: 76 Resp: 22466
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
APPROVED

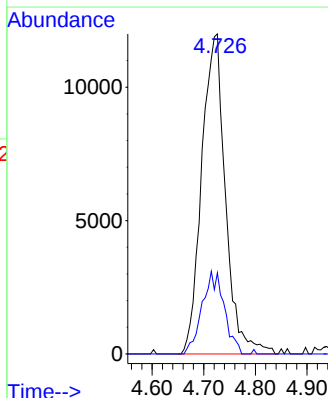
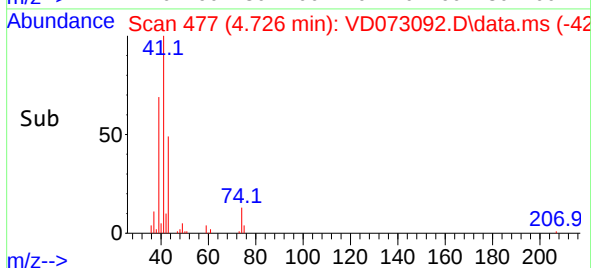
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

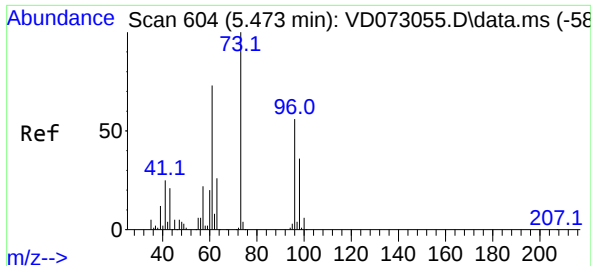


#18
Methyl Acetate
Concen: 20.747 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.012 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



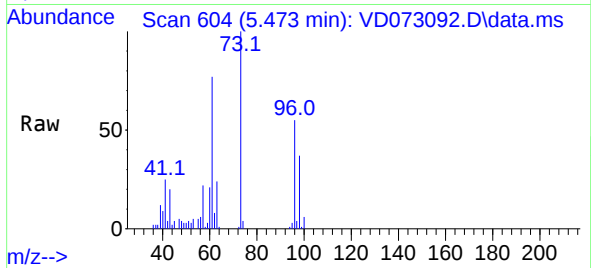
Tgt Ion: 43 Resp: 38371
Ion Ratio Lower Upper
43 100
74 24.0 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 20.057 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

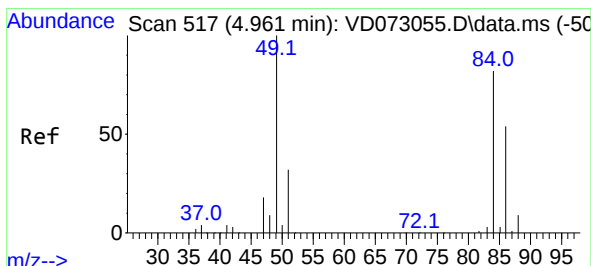
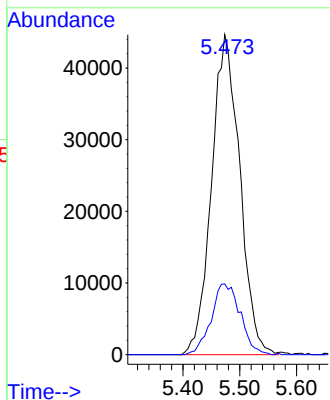
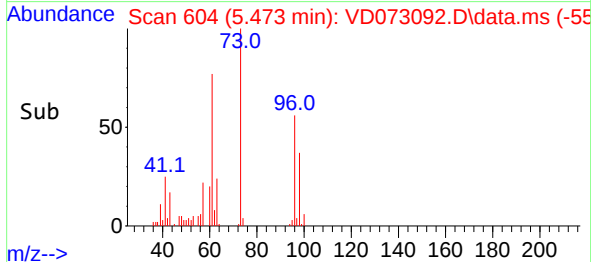
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBSD01



Tgt Ion: 73 Resp: 15401
Ion Ratio Lower Upper
73 100
57 22.1 18.0 27.0

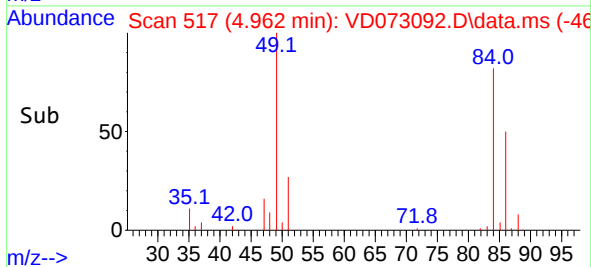
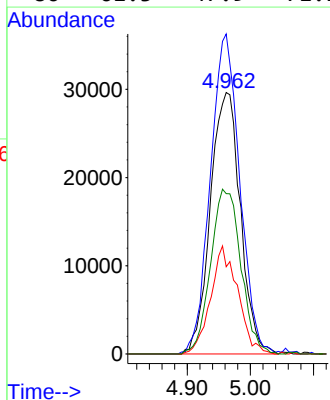
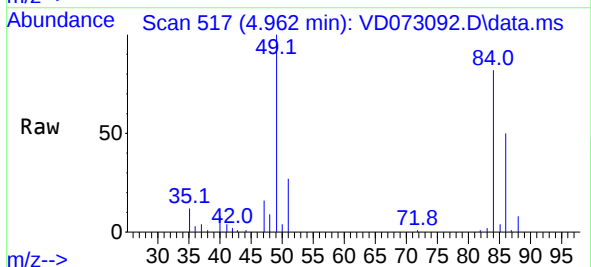
Manual Integrations
APPROVED

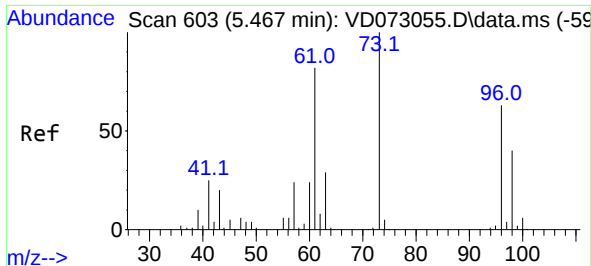
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#20
Methylene Chloride
Concen: 21.090 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

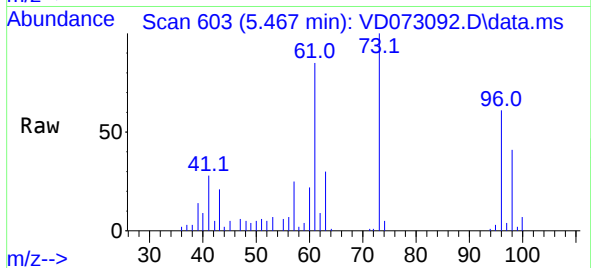
Tgt Ion: 84 Resp: 97902
Ion Ratio Lower Upper
84 100
49 122.4 112.8 169.2
51 33.4 32.6 48.8
86 61.3 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 20.101 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

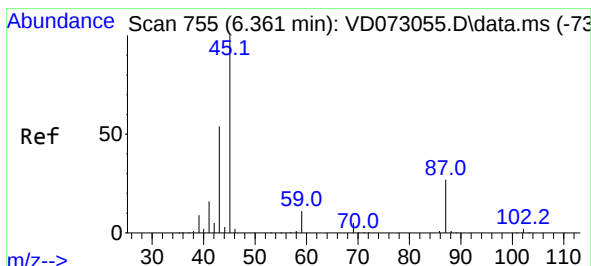
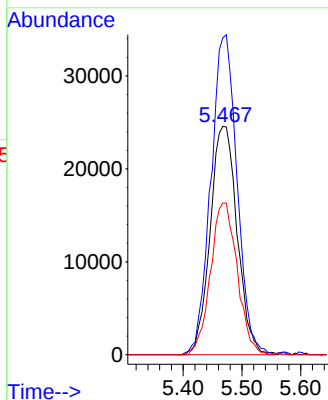
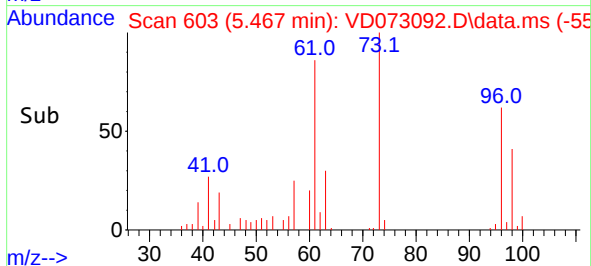
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



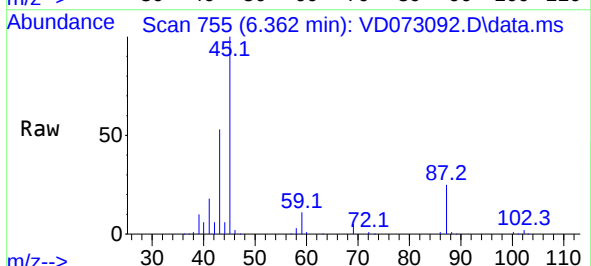
Tgt Ion: 96 Resp: 78512
Ion Ratio Lower Upper
96 100
61 138.7 117.9 176.9
98 66.5 49.4 74.2

Manual Integrations
APPROVED

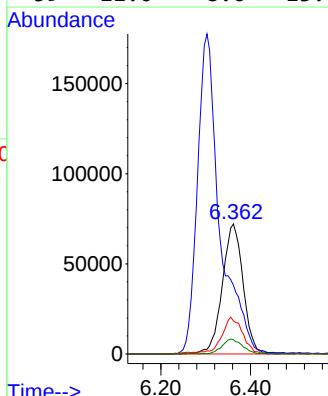
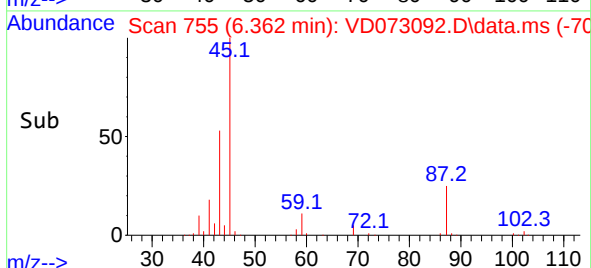
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

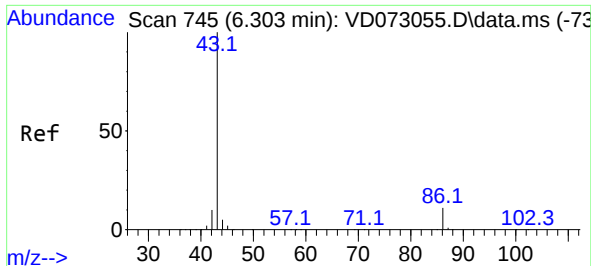


#22
Diisopropyl ether
Concen: 20.845 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



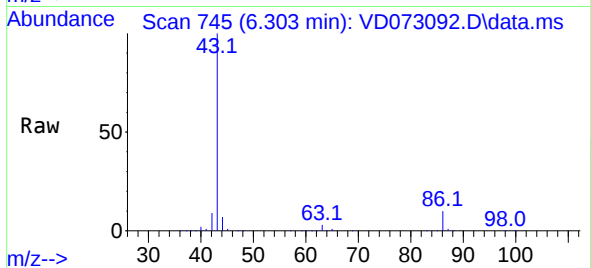
Tgt Ion: 45 Resp: 232757
Ion Ratio Lower Upper
45 100
43 52.4 46.6 70.0
87 25.4 18.4 27.6
59 11.0 8.6 13.0





#23
 Vinyl Acetate
 Concen: 102.019 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073092.D
 Acq: 18 May 2022 11:56

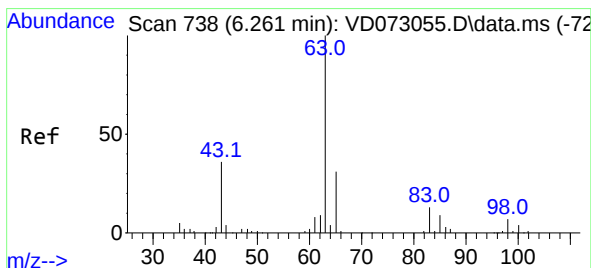
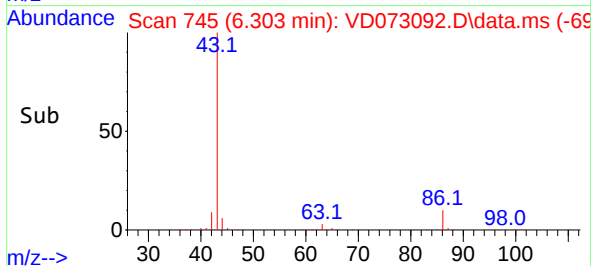
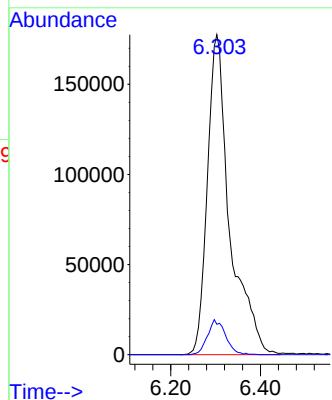
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBS01



Tgt Ion: 43 Resp: 615399
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.1 10.7

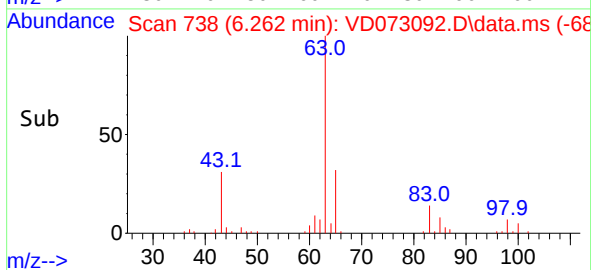
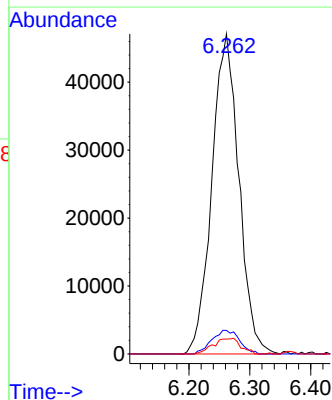
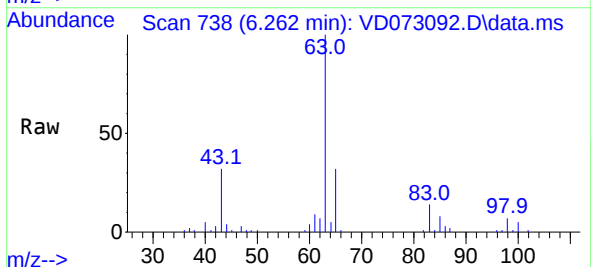
Manual Integrations
 APPROVED

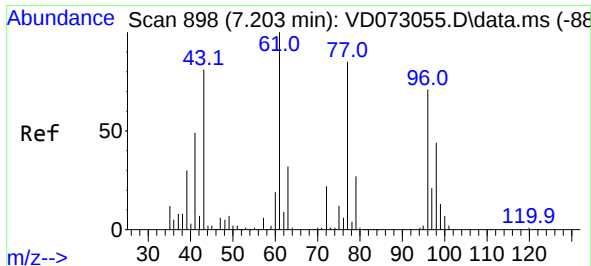
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/24/2022



#24
 1,1-Dichloroethane
 Concen: 20.837 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073092.D
 Acq: 18 May 2022 11:56

Tgt Ion: 63 Resp: 144752
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.6 2.1 6.5





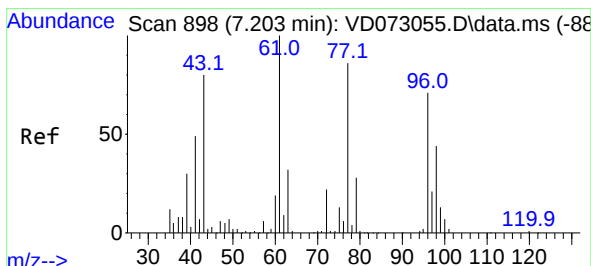
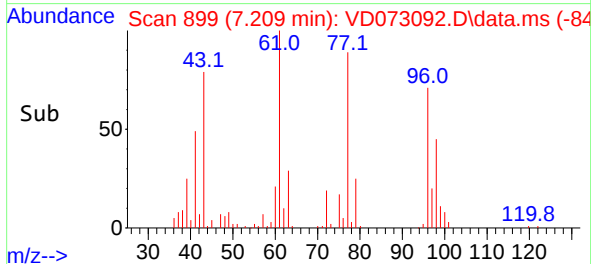
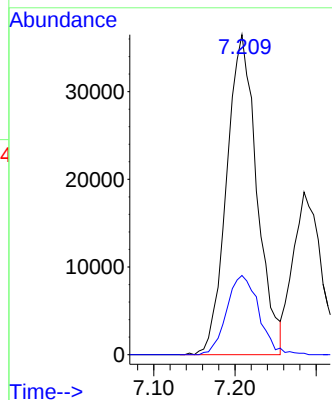
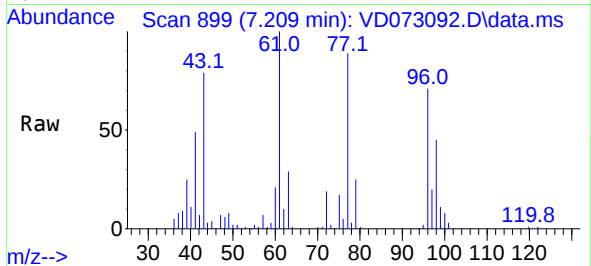
#25
2-Butanone
Concen: 97.944 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 43 Resp: 94860
Ion Ratio Lower Upper
43 100
72 24.8 18.6 27.8

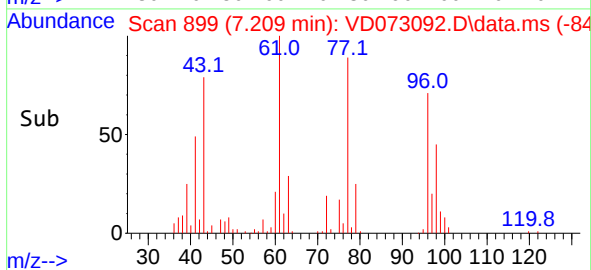
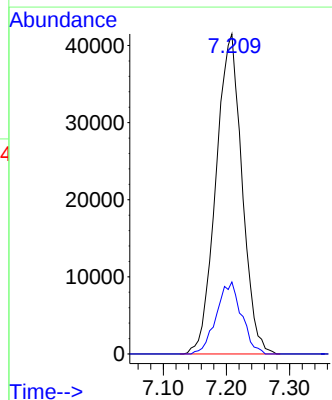
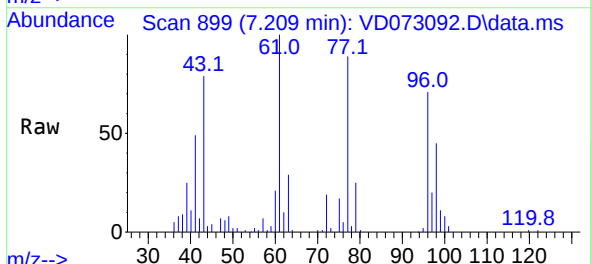
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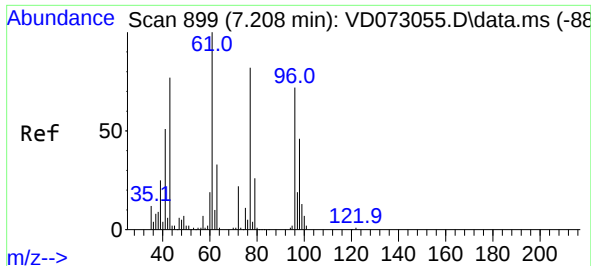
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#26
2,2-Dichloropropane
Concen: 20.243 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Tgt Ion: 77 Resp: 119056
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.4





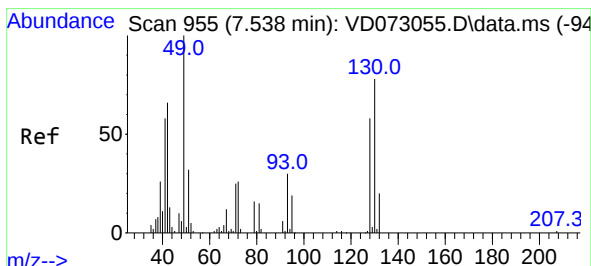
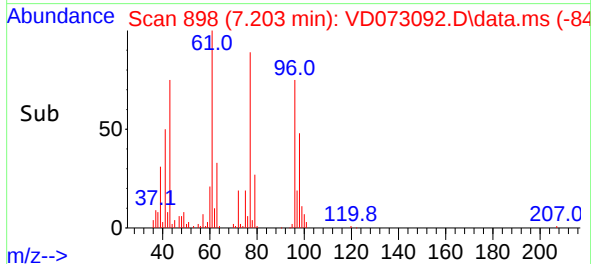
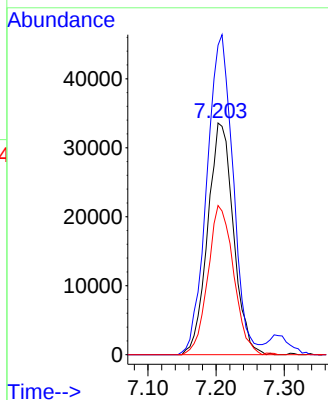
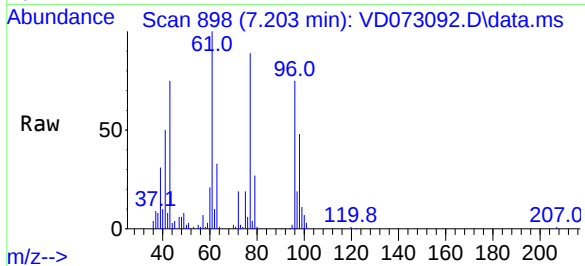
#27
cis-1,2-Dichloroethene
Concen: 20.496 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 96 Resp: 88280
Ion Ratio Lower Upper
96 100
61 140.7 0.0 313.8
98 64.3 0.0 128.8

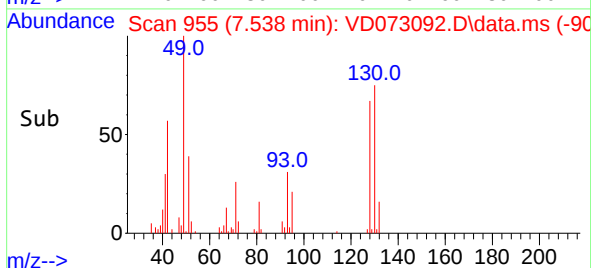
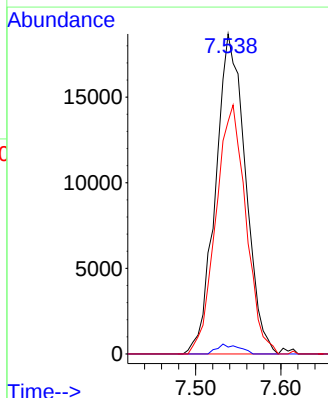
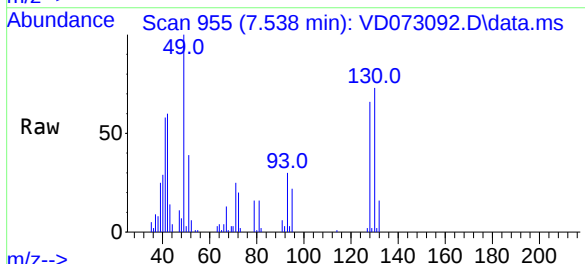
Manual Integrations
APPROVED

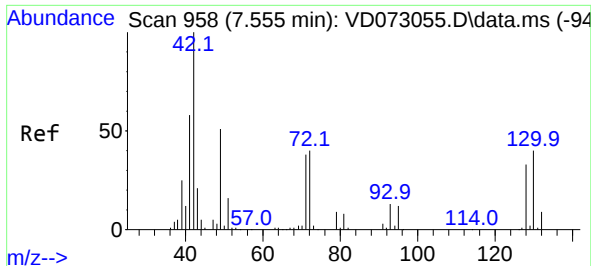
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#28
Bromochloromethane
Concen: 19.130 ug/l
RT: 7.538 min Scan# 955
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Tgt Ion: 49 Resp: 45522
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 78.2 52.6 79.0





#29

Tetrahydrofuran

Concen: 97.808 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073092.D

Acq: 18 May 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS01

Tgt Ion: 42 Resp: 6095

Ion Ratio Lower Upper

42 100

72 41.6 30.7 46.1

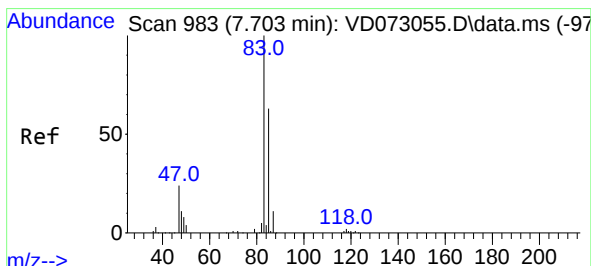
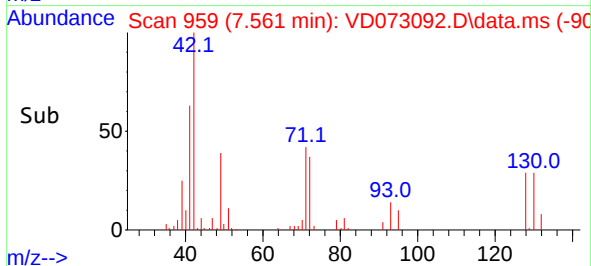
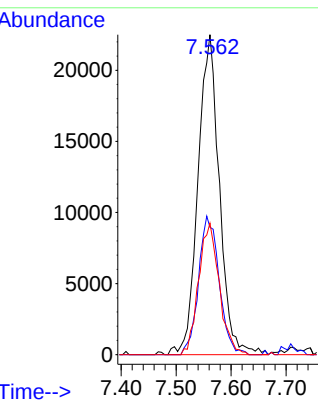
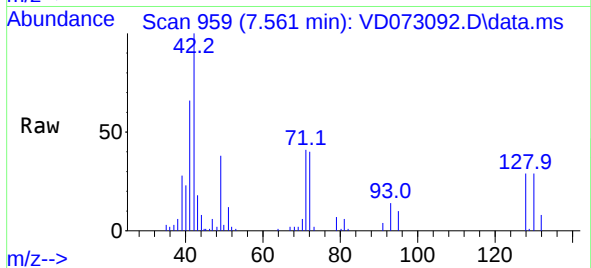
71 39.6 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#30

Chloroform

Concen: 20.632 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073092.D

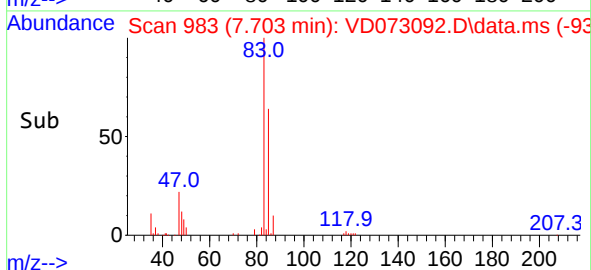
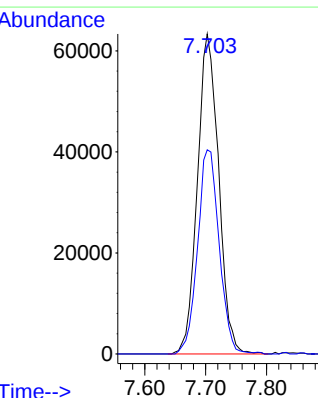
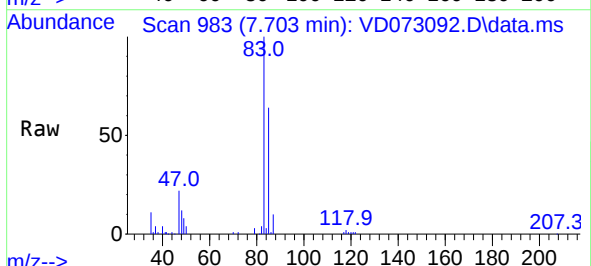
Acq: 18 May 2022 11:56

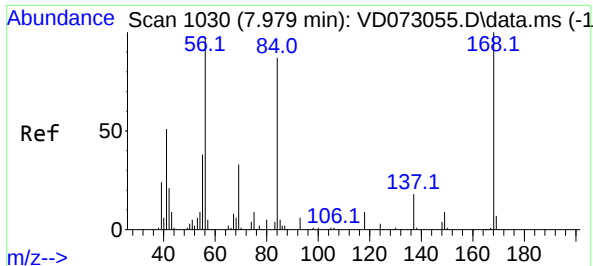
Tgt Ion: 83 Resp: 153352

Ion Ratio Lower Upper

83 100

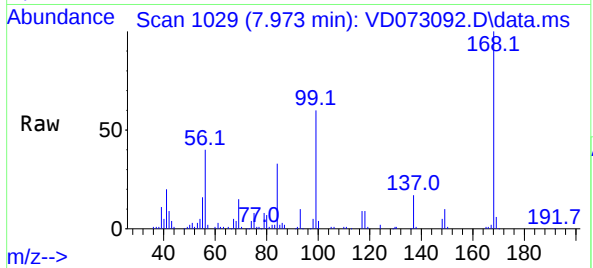
85 63.8 52.7 79.1





#31
Cyclohexane
Concen: 20.302 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

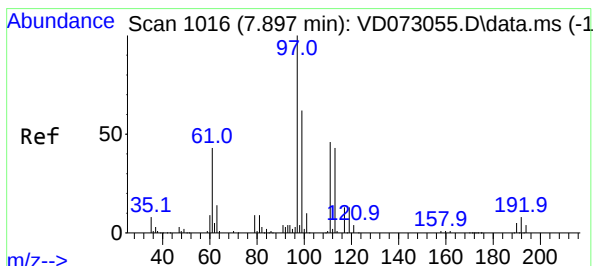
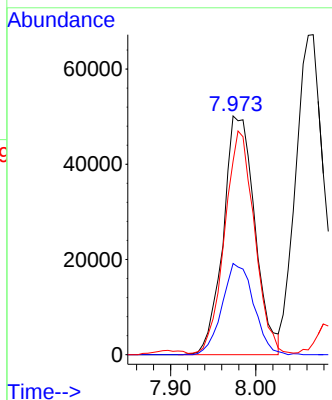
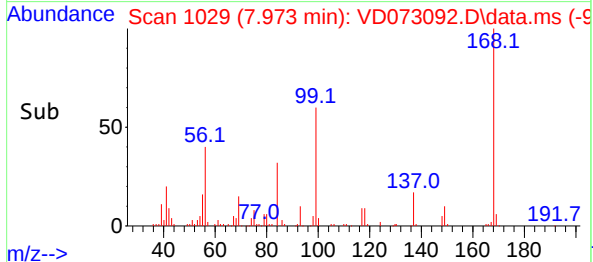
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBSD01



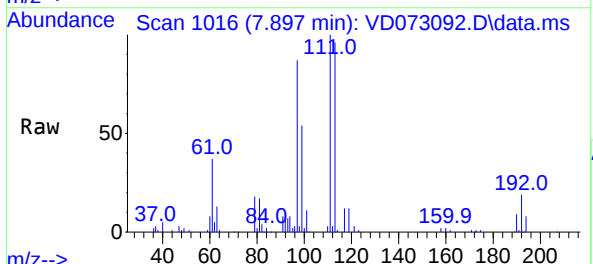
Tgt Ion: 56 Resp: 129248
Ion Ratio Lower Upper
56 100
69 38.2 25.4 38.2
84 79.5 63.0 94.4

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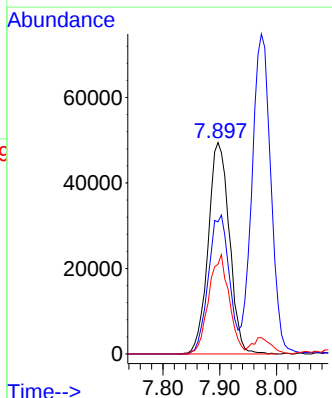
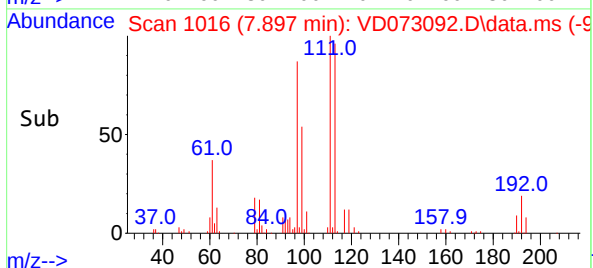
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

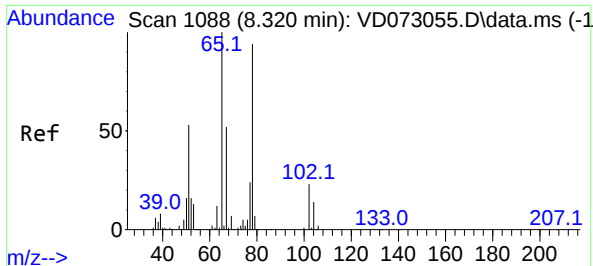


#32
1,1,1-Trichloroethane
Concen: 20.092 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



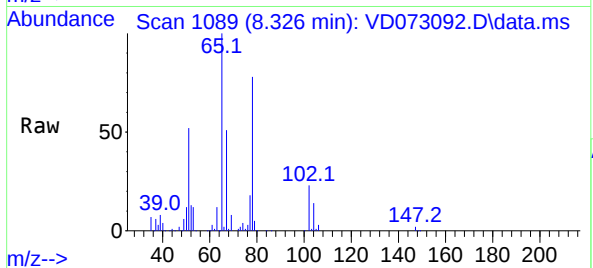
Tgt Ion: 97 Resp: 127943
Ion Ratio Lower Upper
97 100
99 64.6 52.4 78.6
61 45.5 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 50.840 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

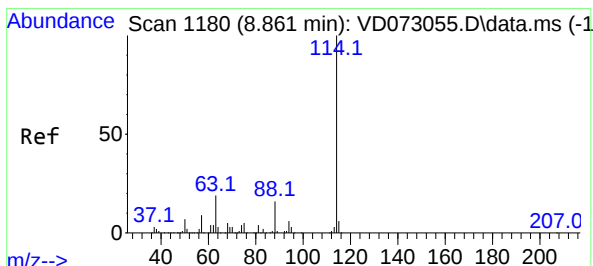
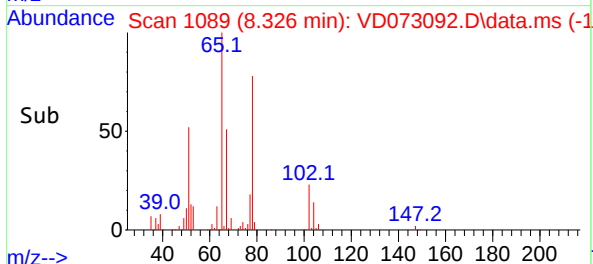
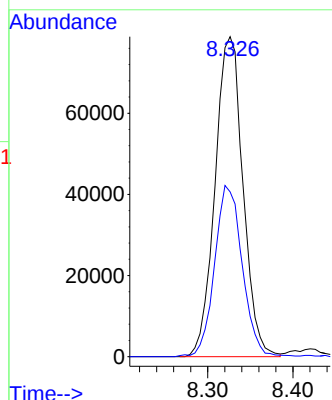
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



Tgt Ion: 65 Resp: 179688
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4

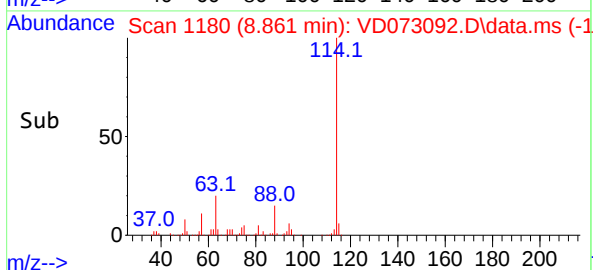
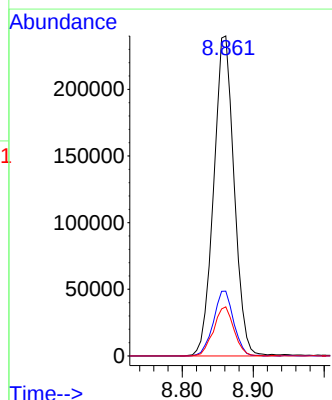
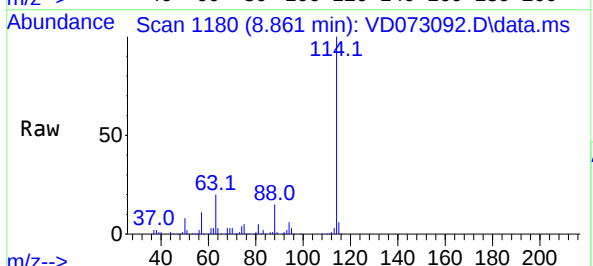
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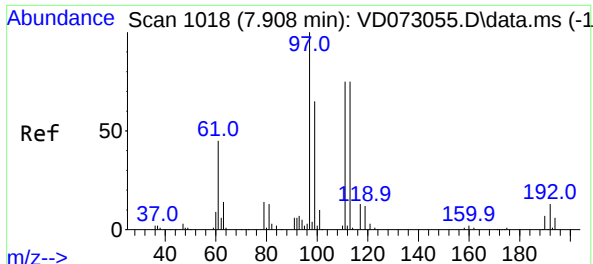
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

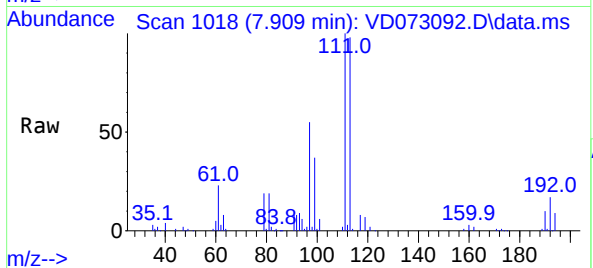
Tgt Ion:114 Resp: 478618
Ion Ratio Lower Upper
114 100
63 20.2 0.0 46.6
88 15.3 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.315 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

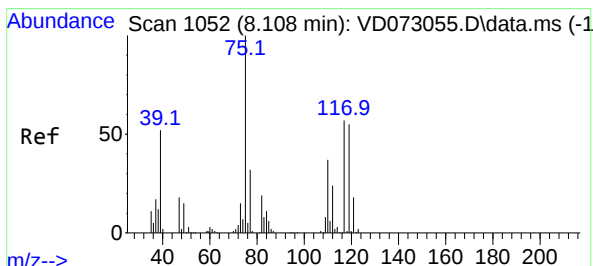
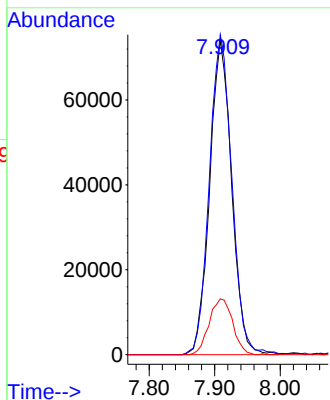
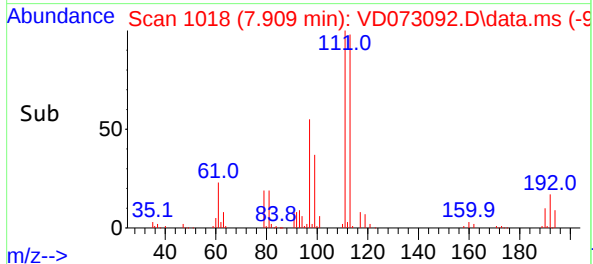
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



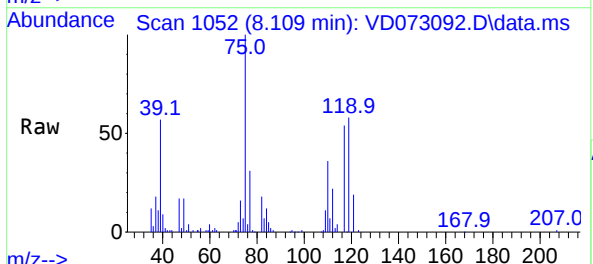
Tgt Ion: 113 Resp: 17244
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 18.9 14.6 21.8

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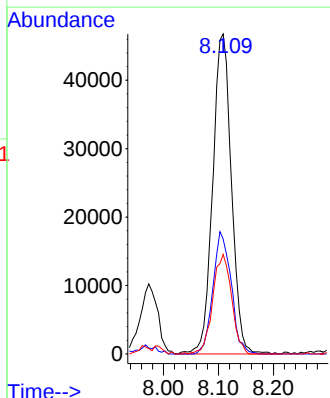
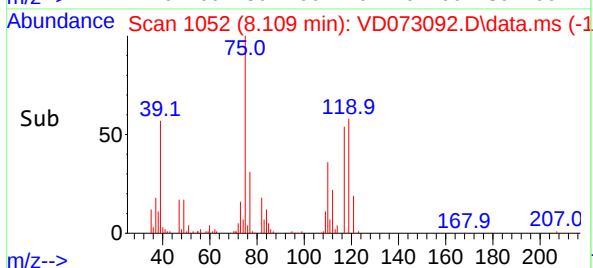
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

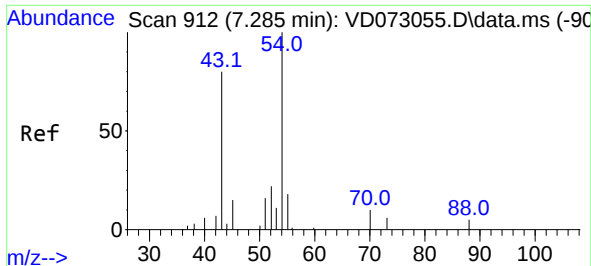


#36
1,1-Dichloropropene
Concen: 20.222 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



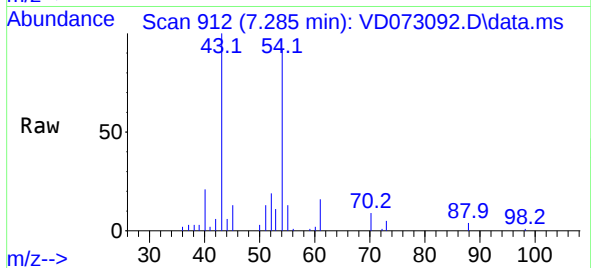
Tgt Ion: 75 Resp: 110727
Ion Ratio Lower Upper
75 100
110 37.1 16.4 49.1
77 31.4 24.2 36.2





#37
Ethyl Acetate
Concen: 20.112 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

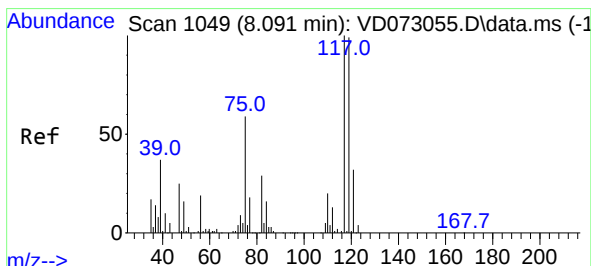
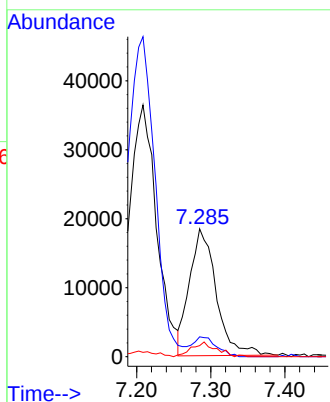
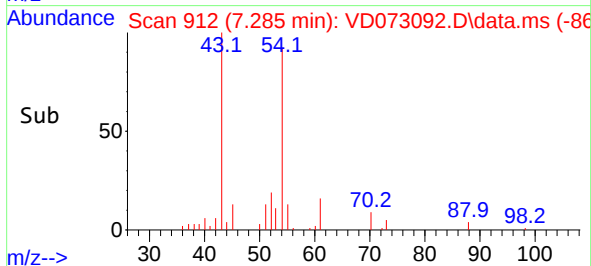
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



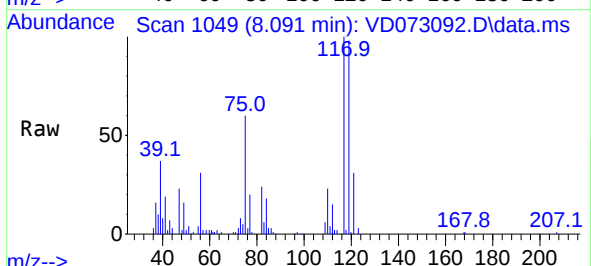
Tgt Ion: 43 Resp: 46249
Ion Ratio Lower Upper
43 100
61 13.6 9.8 14.8
70 10.3 6.9 10.3

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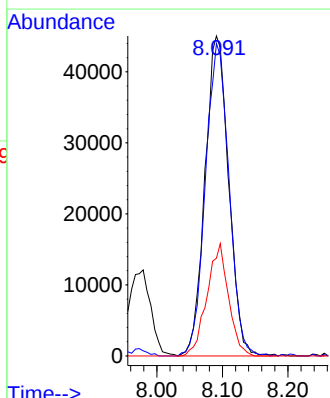
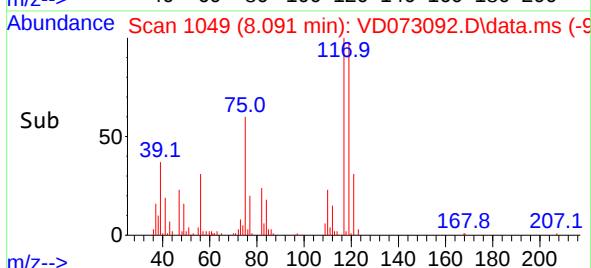
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

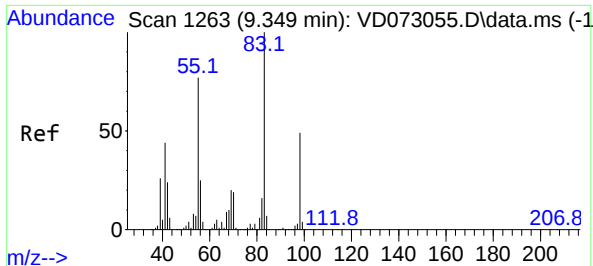


#38
Carbon Tetrachloride
Concen: 20.212 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



Tgt Ion:117 Resp: 113224
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.6
121 30.6 24.5 36.7





#39

Methylcyclohexane

Concen: 19.995 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073092.D

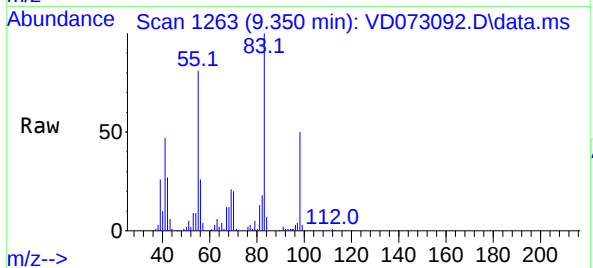
Acq: 18 May 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBSD01



Tgt Ion: 83 Resp: 127662

Ion Ratio Lower Upper

83 100

55 81.3 63.2 94.8

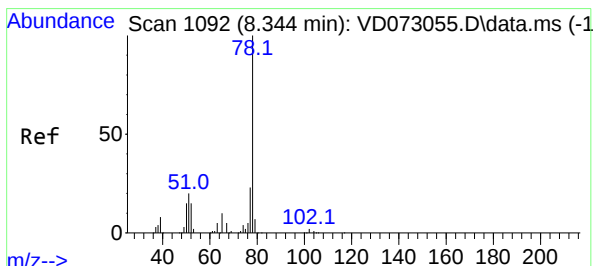
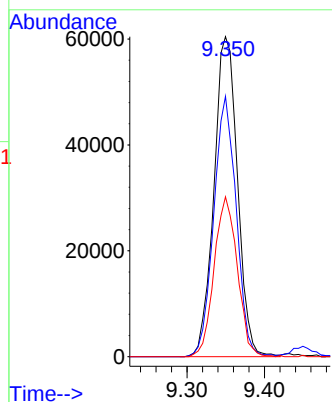
98 50.0 38.2 57.4

Manual Integrations

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Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#40

Benzene

Concen: 20.929 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073092.D

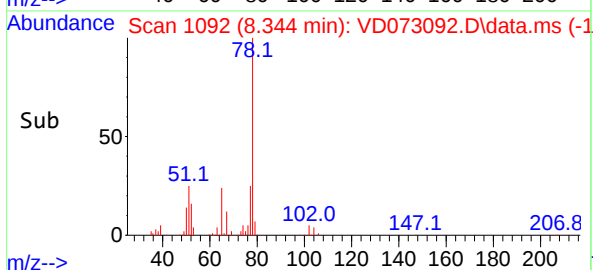
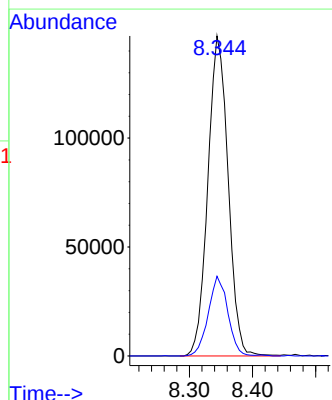
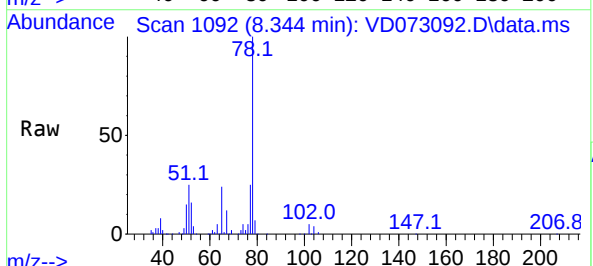
Acq: 18 May 2022 11:56

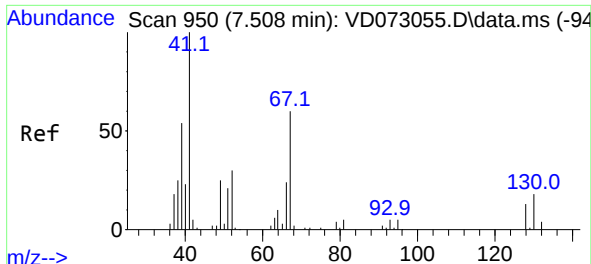
Tgt Ion: 78 Resp: 327668

Ion Ratio Lower Upper

78 100

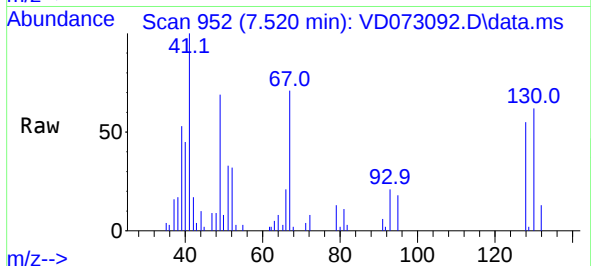
77 24.9 19.1 28.7





#41
Methacrylonitrile
Concen: 16.850 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

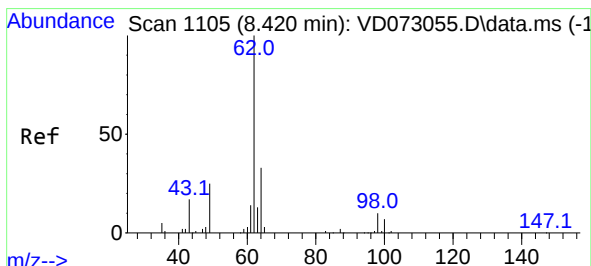
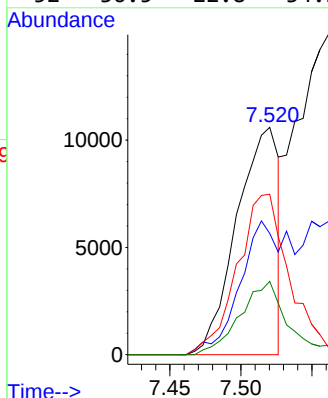
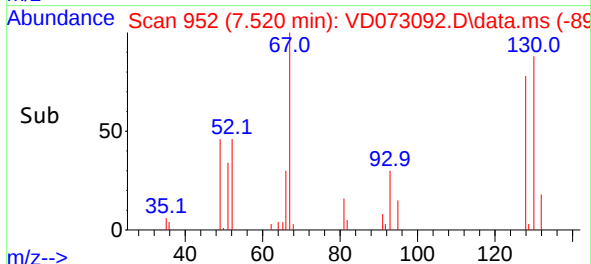
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



Tgt Ion: 41 Resp: 21849
Ion Ratio Lower Upper
41 100
39 52.7 44.6 67.0
67 87.4 48.2 72.4
52 36.5 22.8 34.2

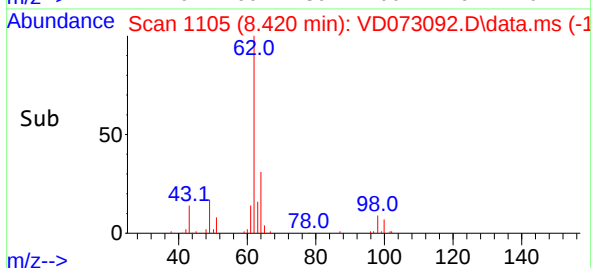
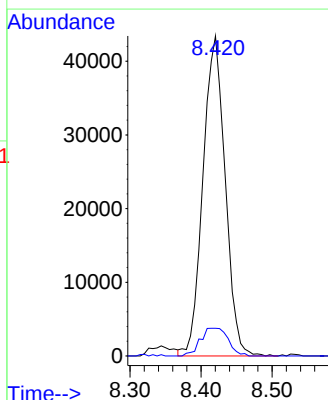
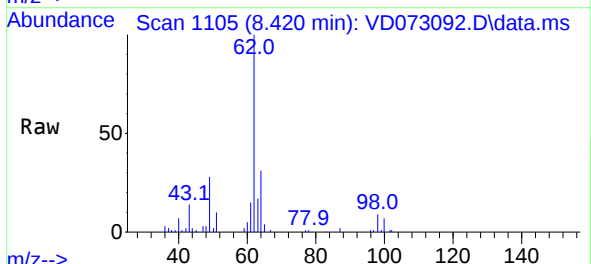
Manual Integrations
APPROVED

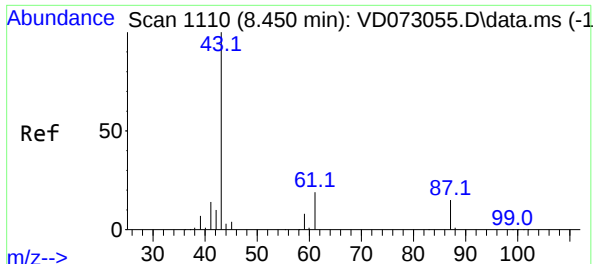
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#42
1,2-Dichloroethane
Concen: 20.738 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

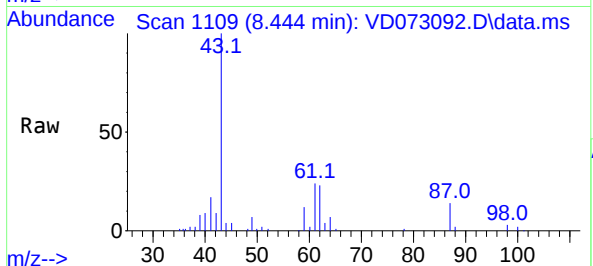
Tgt Ion: 62 Resp: 94504
Ion Ratio Lower Upper
62 100
98 10.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.618 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

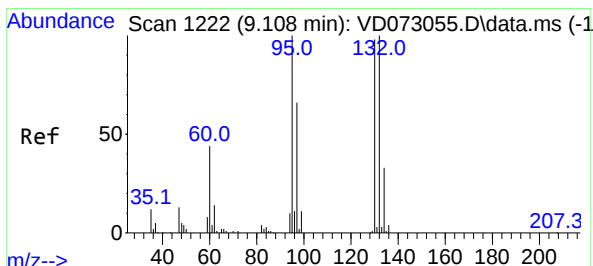
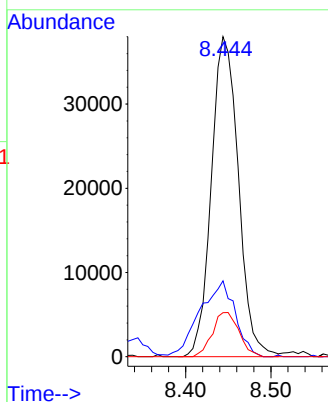
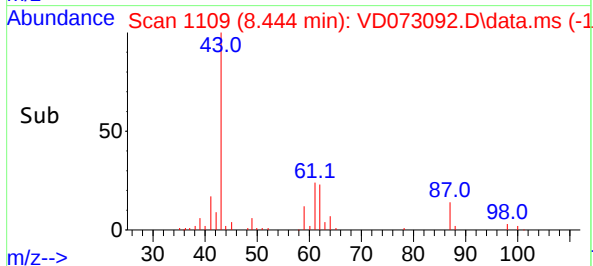
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



Tgt Ion: 43 Resp: 8387
Ion Ratio Lower Upper
43 100
61 30.9 22.4 33.6
87 13.6 8.7 13.1

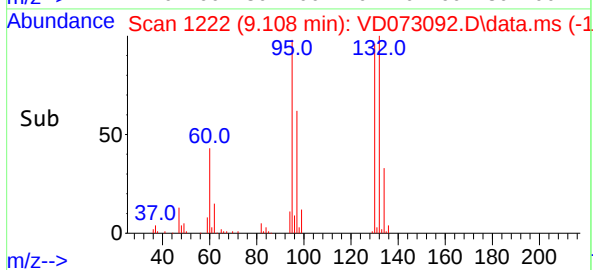
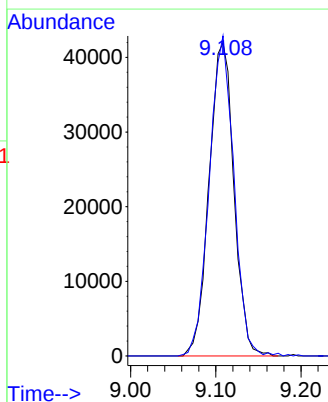
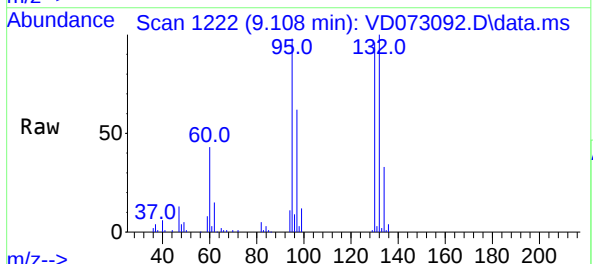
Manual Integrations
APPROVED

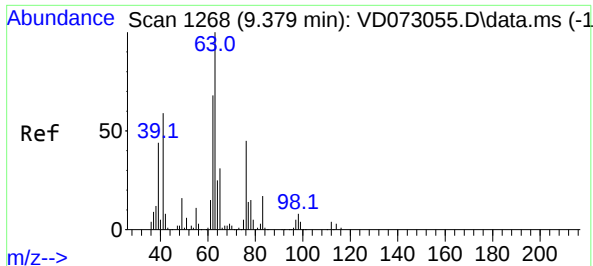
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#44
Trichloroethene
Concen: 20.086 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Tgt Ion:130 Resp: 85060
Ion Ratio Lower Upper
130 100
95 102.2 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.742 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073092.D

Acq: 18 May 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS01

Tgt Ion: 63 Resp: 8433

Ion Ratio Lower Upper

63 100

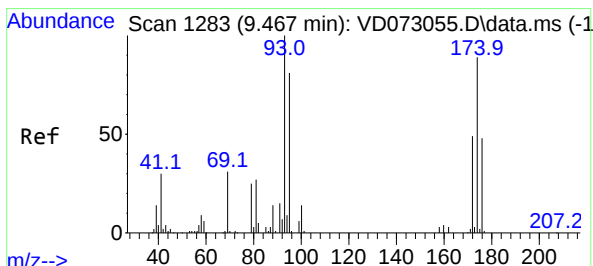
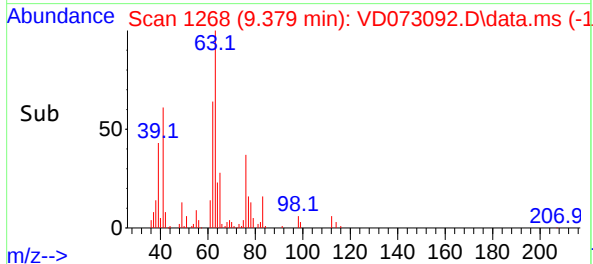
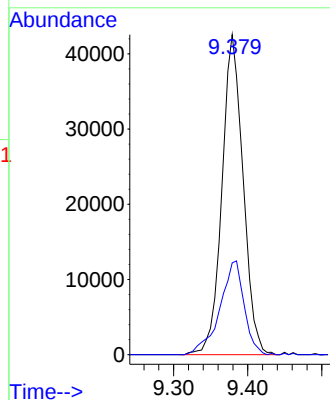
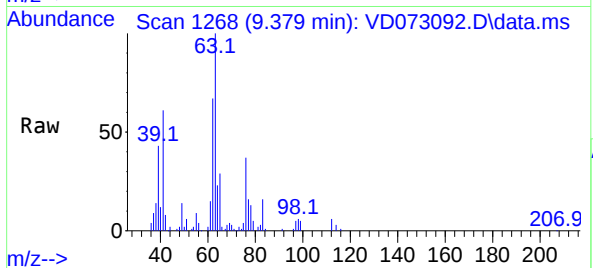
65 28.7 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#46

Dibromomethane

Concen: 20.581 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073092.D

Acq: 18 May 2022 11:56

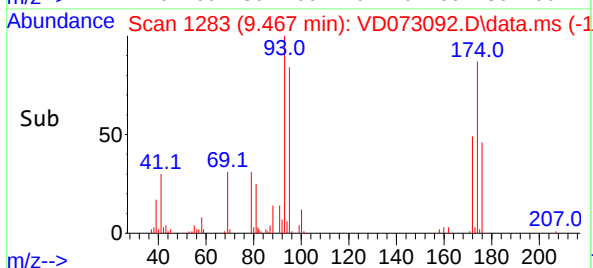
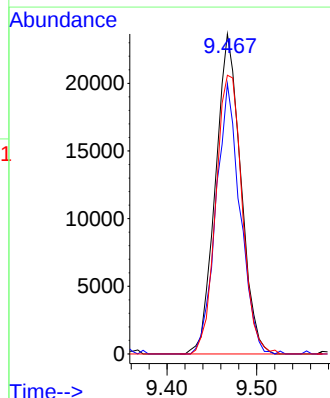
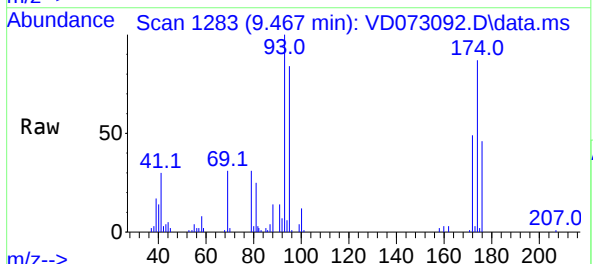
Tgt Ion: 93 Resp: 46270

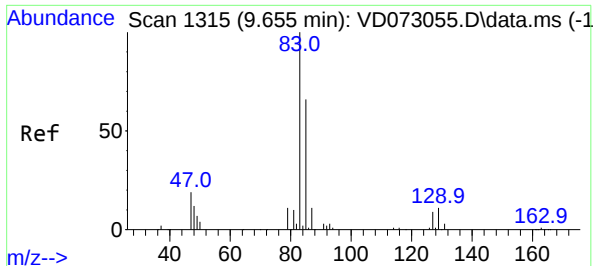
Ion Ratio Lower Upper

93 100

95 80.8 66.7 100.1

174 90.4 71.6 107.4





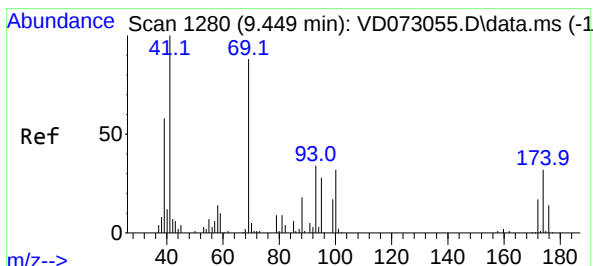
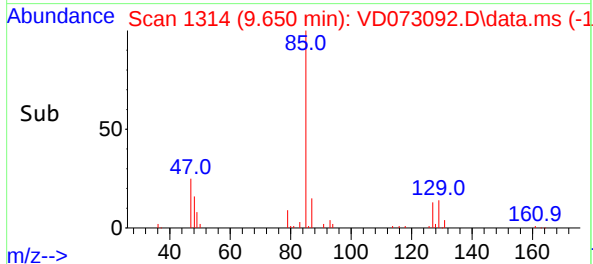
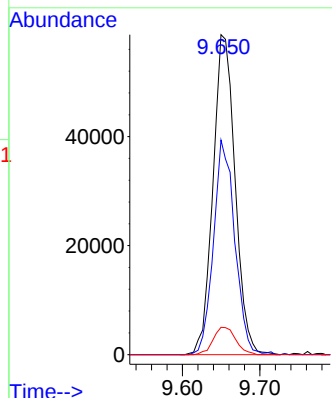
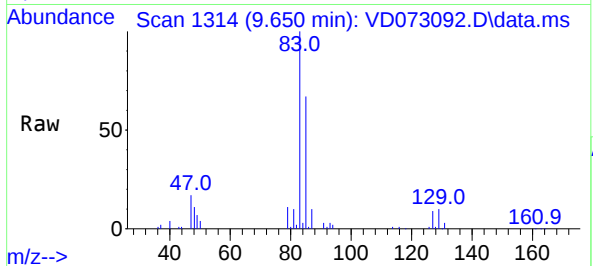
#47
Bromodichloromethane
Concen: 20.393 ug/l
RT: 9.650 min Scan# 11644
Delta R.T. -0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 83 Resp: 11644
Ion Ratio Lower Upper
83 100
85 67.1 51.4 77.0
127 8.5 6.1 9.1

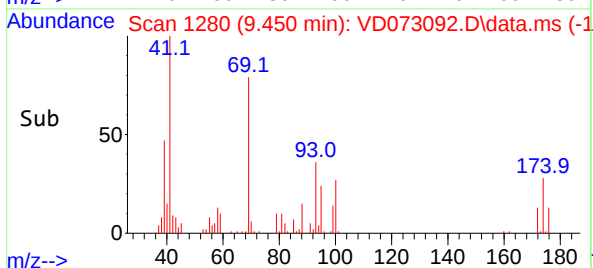
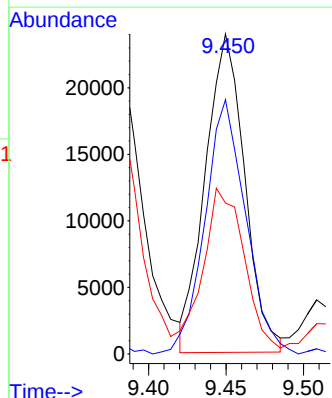
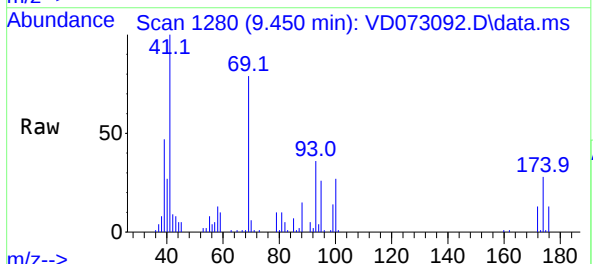
Manual Integrations
APPROVED

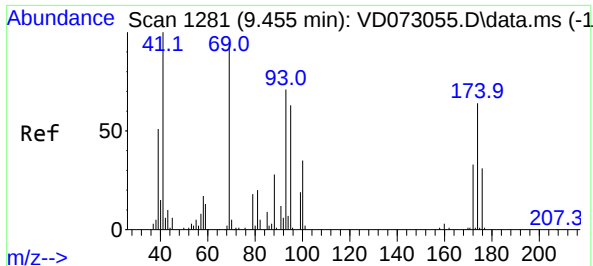
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#48
Methyl methacrylate
Concen: 19.925 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Tgt Ion: 41 Resp: 42255
Ion Ratio Lower Upper
41 100
69 82.7 56.7 85.1
39 51.6 42.7 64.1





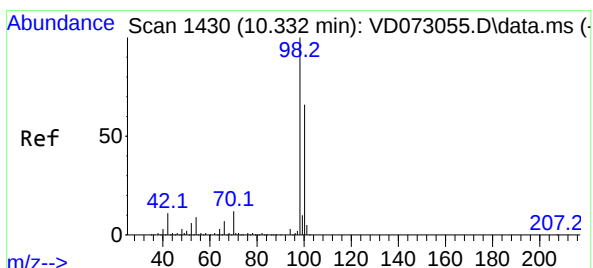
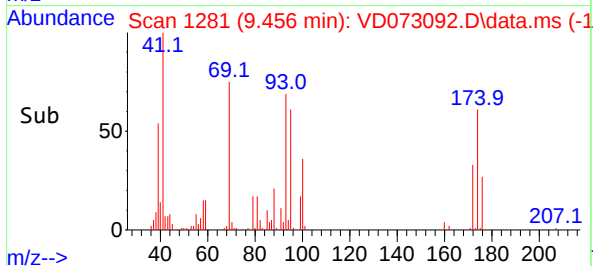
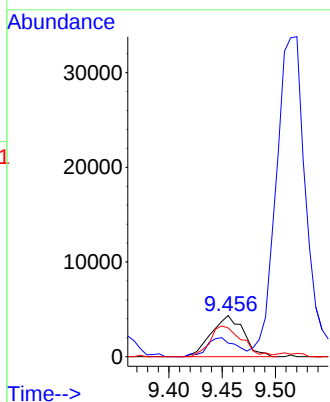
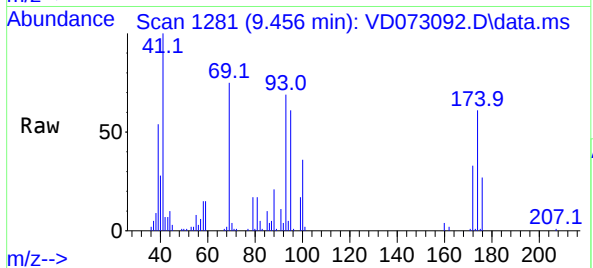
#49
1,4-Dioxane
Concen: 389.808 ug/l
RT: 9.456 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 88 Resp: 9124
Ion Ratio Lower Upper
88 100
43 41.5 31.0 46.4
58 73.9 58.1 87.1

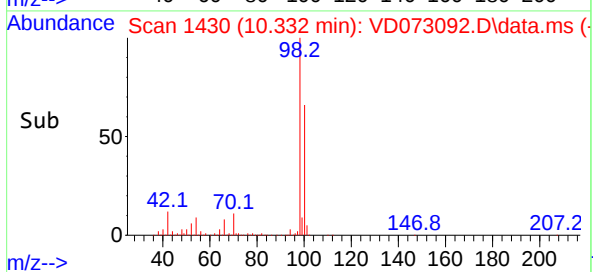
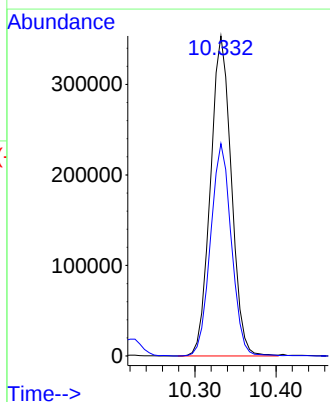
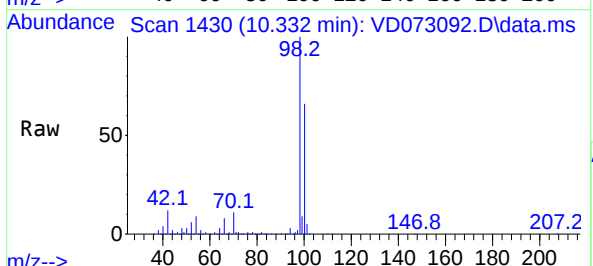
Manual Integrations
APPROVED

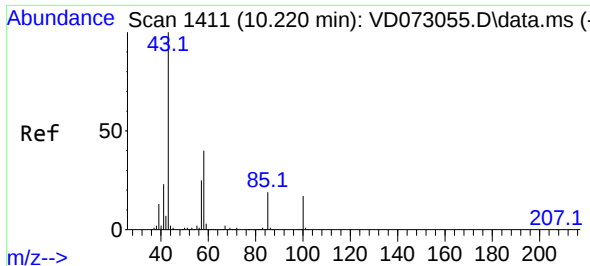
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#50
Toluene-d8
Concen: 51.910 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Tgt Ion: 98 Resp: 632841
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6





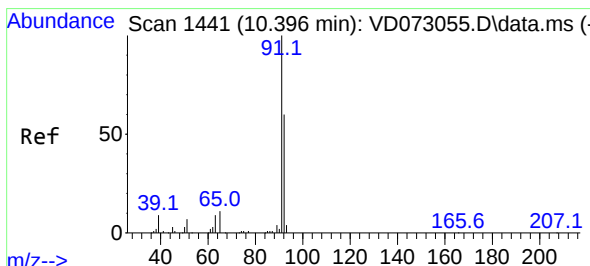
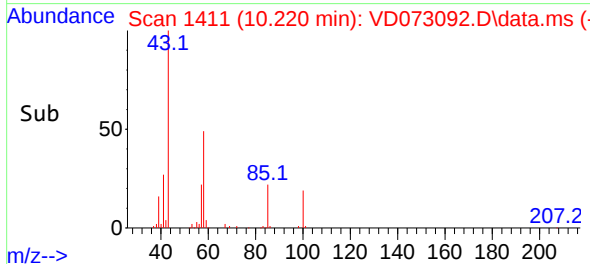
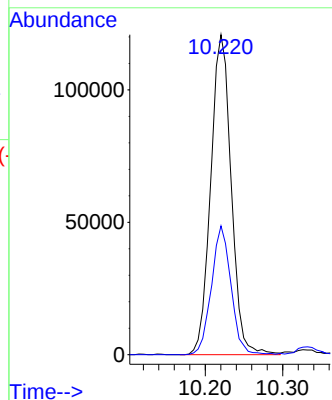
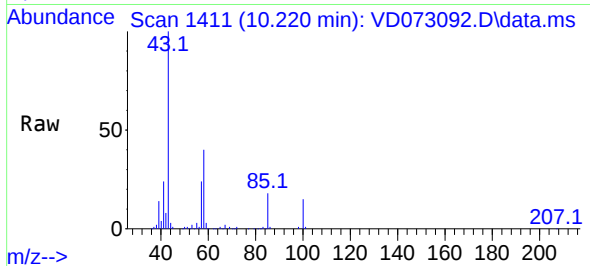
#51
4-Methyl-2-Pentanone
Concen: 99.512 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBSD01

Tgt Ion: 43 Resp: 222023
Ion Ratio Lower Upper
43 100
58 38.6 28.6 43.0

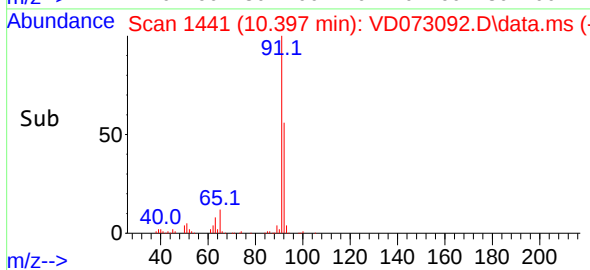
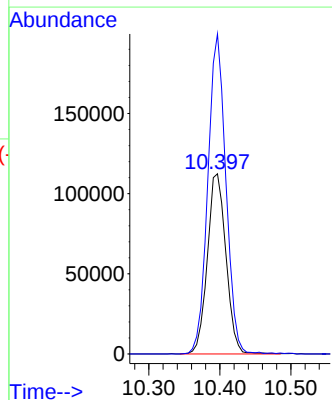
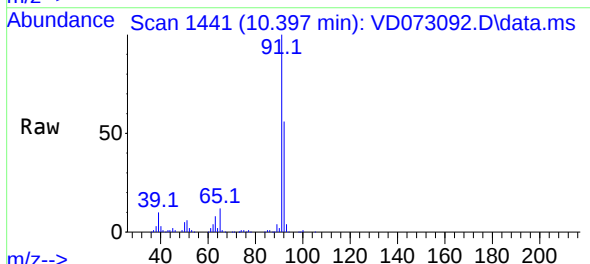
Manual Integrations
APPROVED

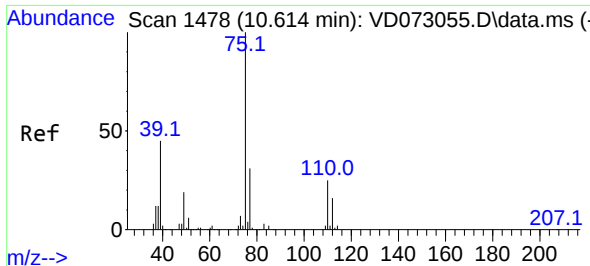
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#52
Toluene
Concen: 20.593 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

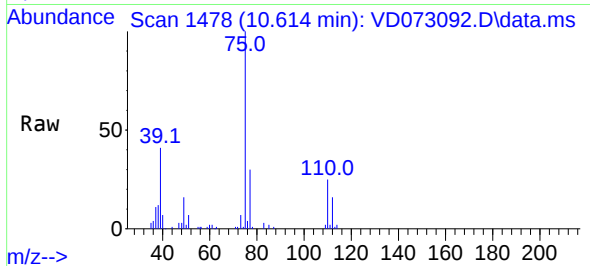
Tgt Ion: 92 Resp: 204689
Ion Ratio Lower Upper
92 100
91 172.0 139.6 209.4





#53
 t-1,3-Dichloropropene
 Concen: 20.076 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD073092.D
 Acq: 18 May 2022 11:56

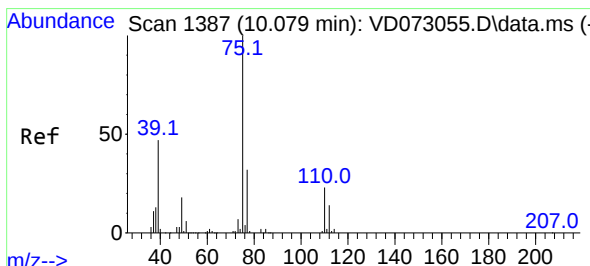
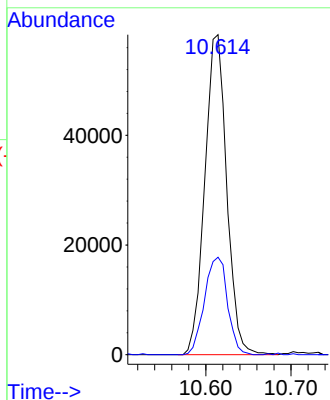
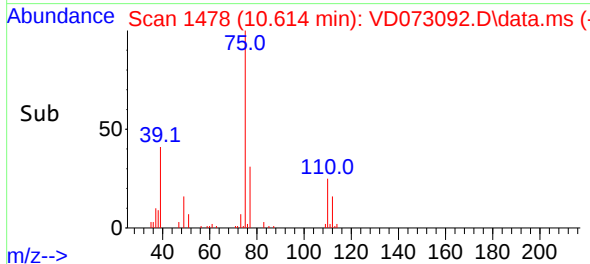
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBS01



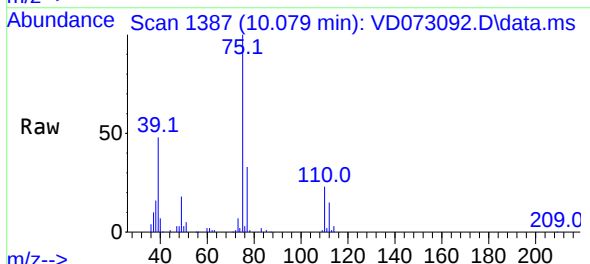
Tgt Ion: 75 Resp: 104549
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.5 36.7

Manual Integrations
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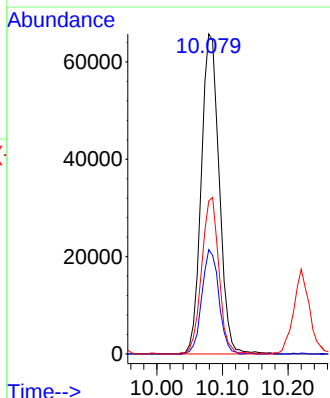
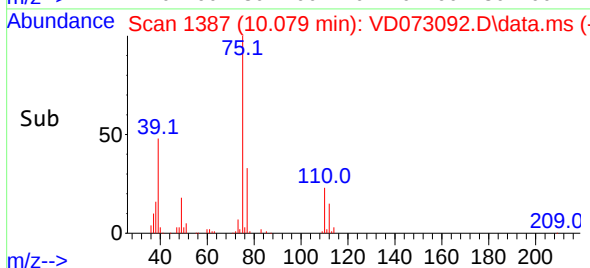
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/24/2022

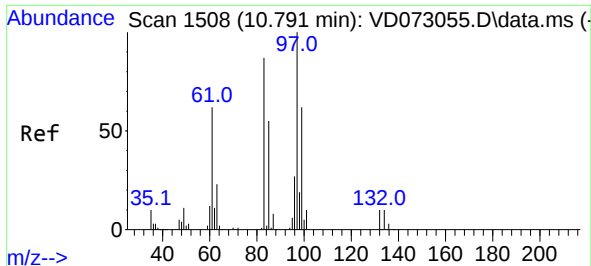


#54
 cis-1,3-Dichloropropene
 Concen: 20.374 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD073092.D
 Acq: 18 May 2022 11:56



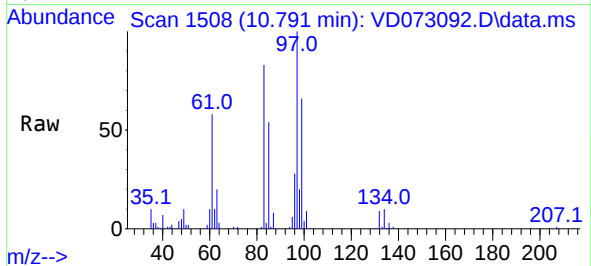
Tgt Ion: 75 Resp: 125097
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.8 37.2
 39 47.8 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 20.473 ug/l
RT: 10.791 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

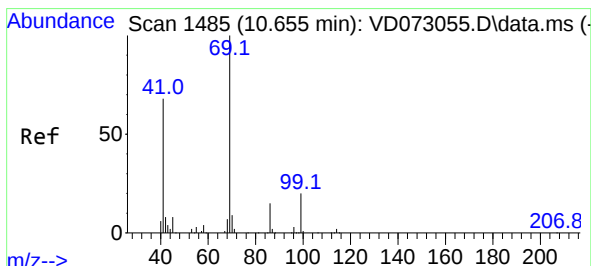
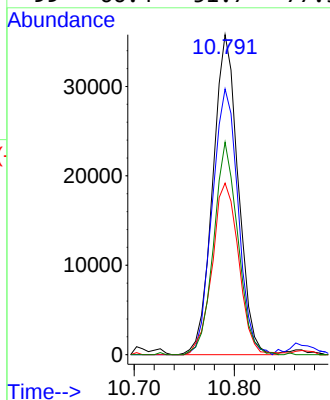
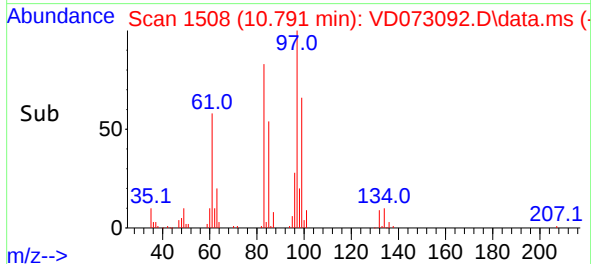


Tgt Ion: 97 Resp: 62824

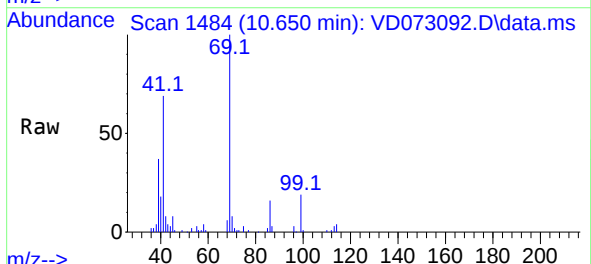
Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.0	103.4
85	53.6	42.6	63.8
99	66.4	51.7	77.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

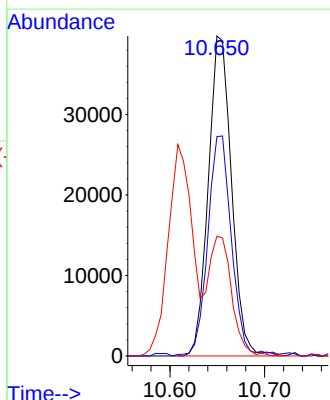
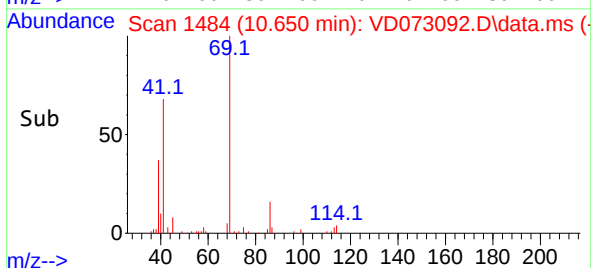


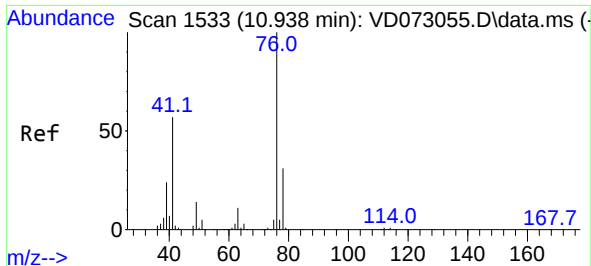
#56
Ethyl methacrylate
Concen: 19.499 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



Tgt Ion: 69 Resp: 67671

Ion	Ratio	Lower	Upper
69	100		
41	70.7	63.0	94.6
39	38.1	33.8	50.8





#57

1,3-Dichloropropane

Concen: 20.460 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073092.D

Acq: 18 May 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS01

Tgt Ion: 76 Resp: 106828

Ion Ratio Lower Upper

76 100

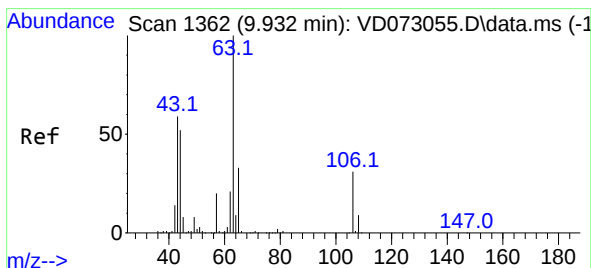
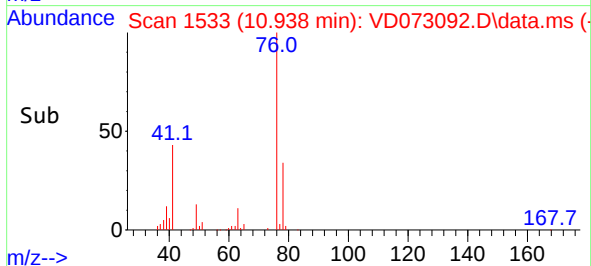
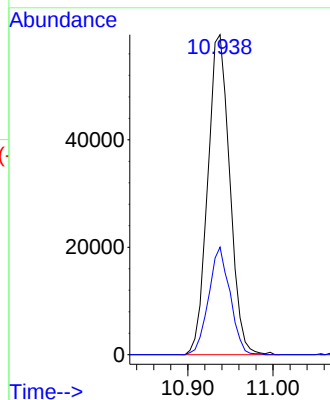
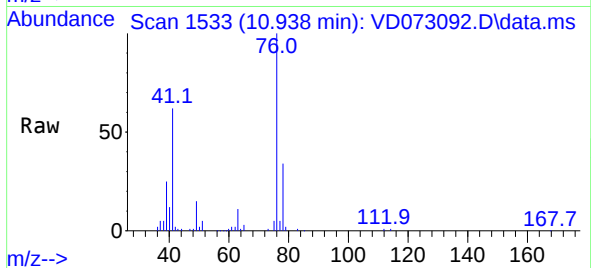
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 86.295 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073092.D

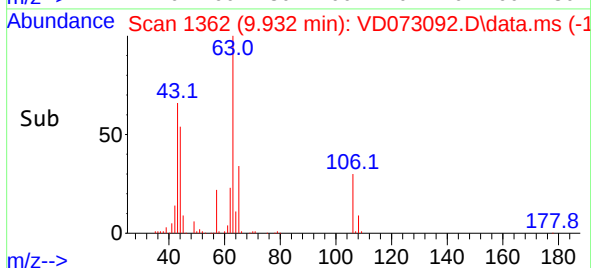
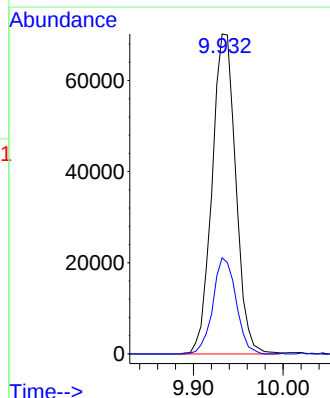
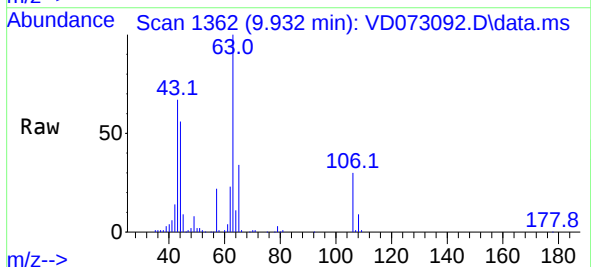
Acq: 18 May 2022 11:56

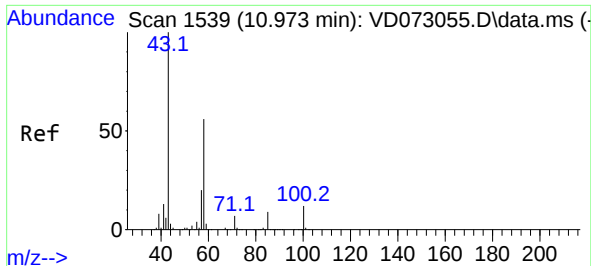
Tgt Ion: 63 Resp: 129044

Ion Ratio Lower Upper

63 100

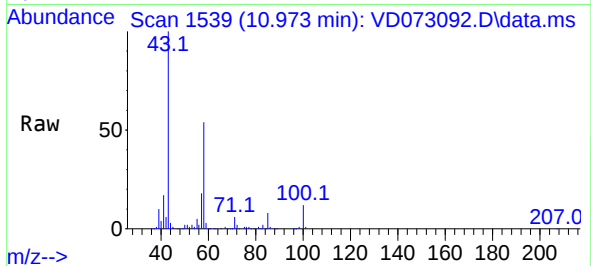
106 29.3 21.4 32.0





#59
2-Hexanone
Concen: 100.779 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

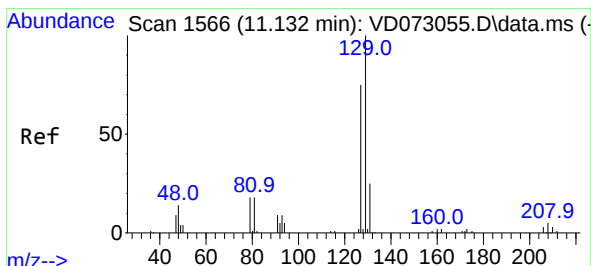
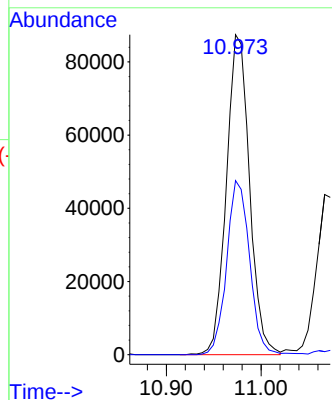
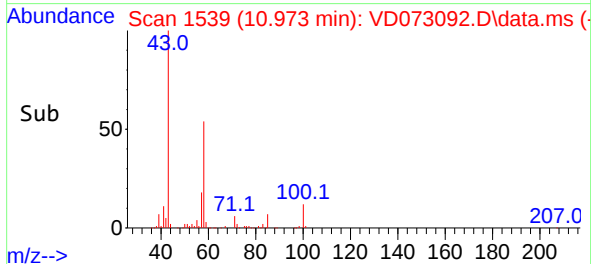
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBSD01



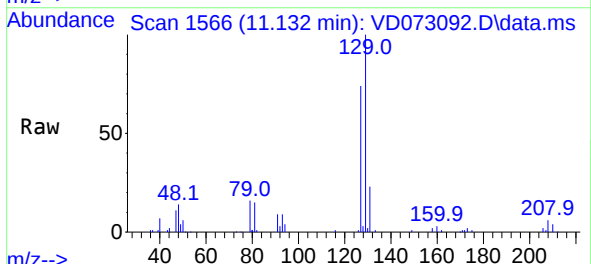
Tgt Ion: 43 Resp: 14853
Ion Ratio Lower Upper
43 100
58 54.0 25.3 75.9

Manual Integrations
APPROVED

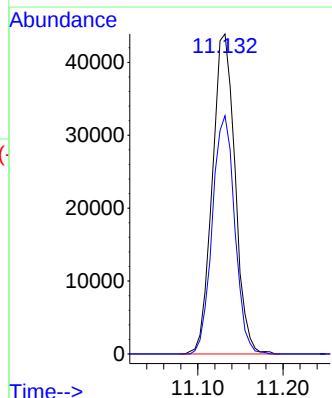
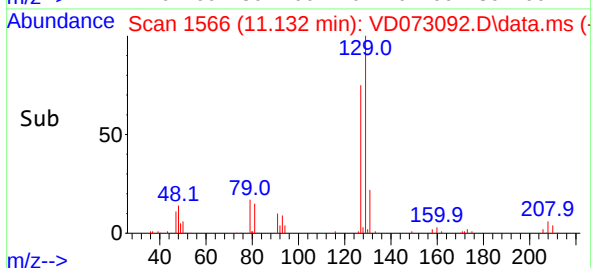
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

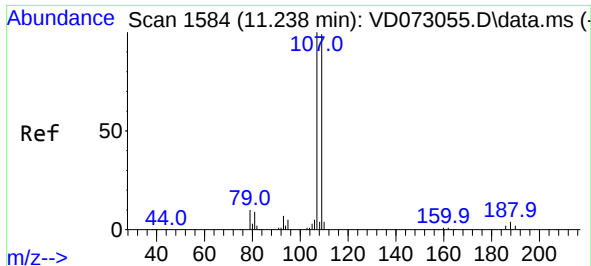


#60
Dibromochloromethane
Concen: 21.347 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



Tgt Ion:129 Resp: 81385
Ion Ratio Lower Upper
129 100
127 73.3 39.2 117.6





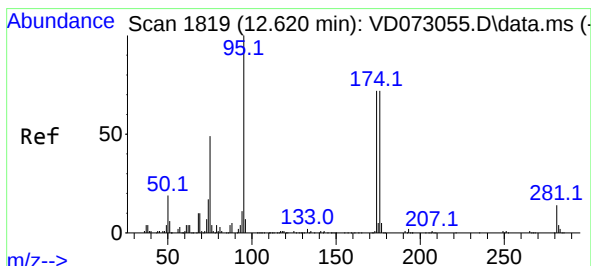
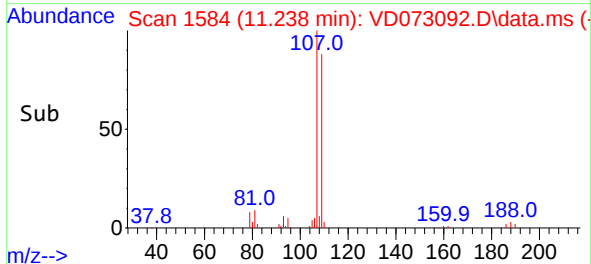
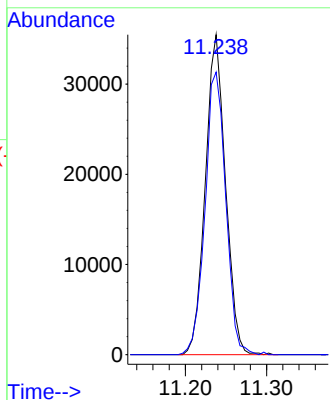
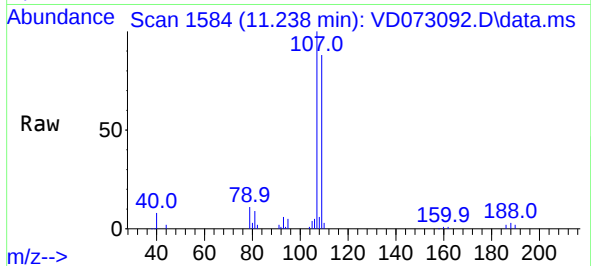
#61
1,2-Dibromoethane
Concen: 20.737 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBSD01

Tgt Ion:107 Resp: 61238
Ion Ratio Lower Upper
107 100
109 90.7 74.2 111.4

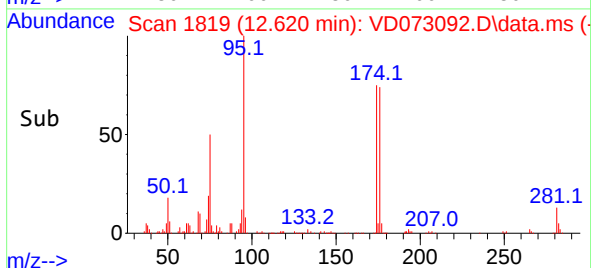
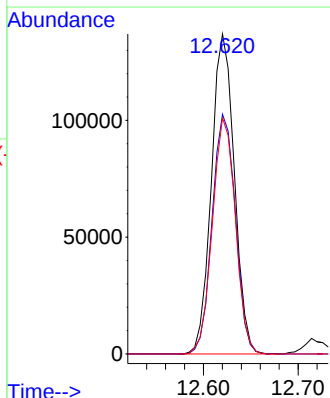
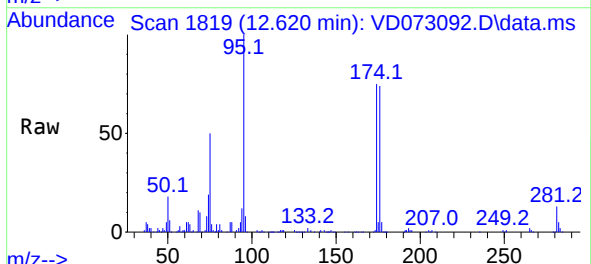
Manual Integrations
APPROVED

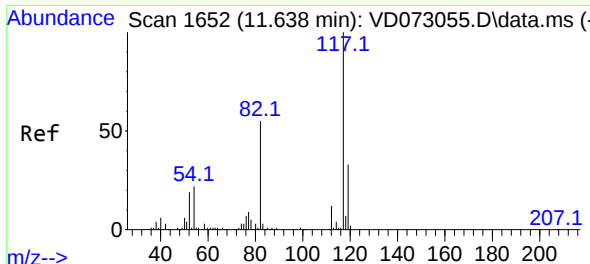
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#62
4-Bromofluorobenzene
Concen: 52.126 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

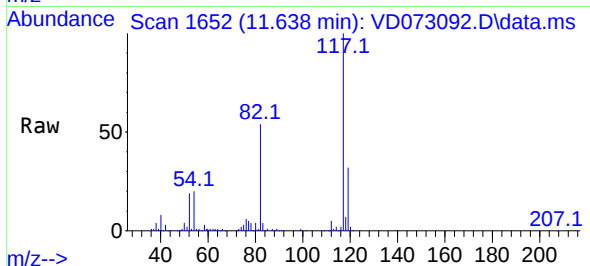
Tgt Ion: 95 Resp: 230162
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 74.0 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

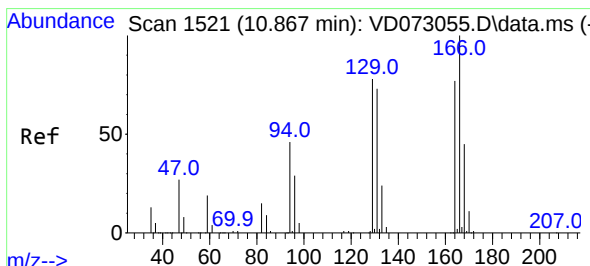
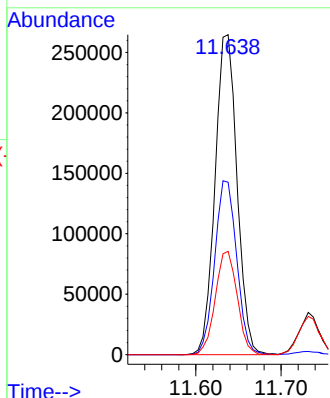
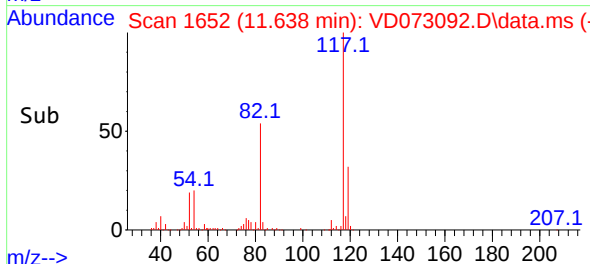
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBSD01



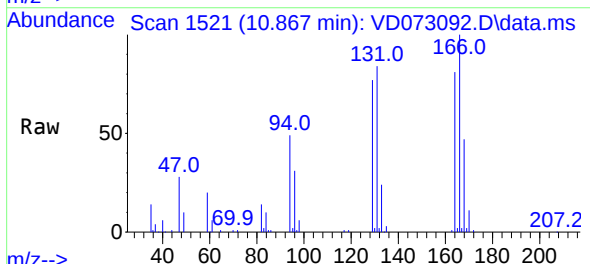
Tgt Ion:117 Resp: 475228
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 32.3 26.6 40.0

Manual Integrations
APPROVED

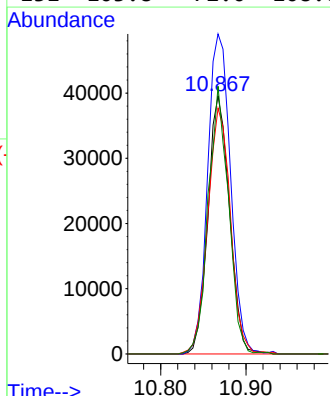
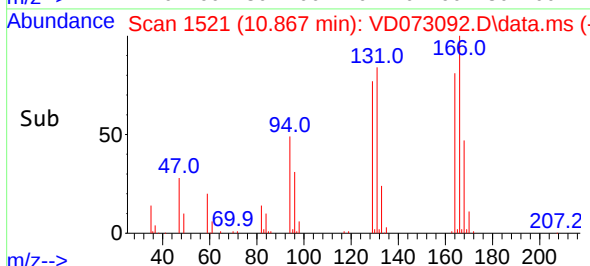
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

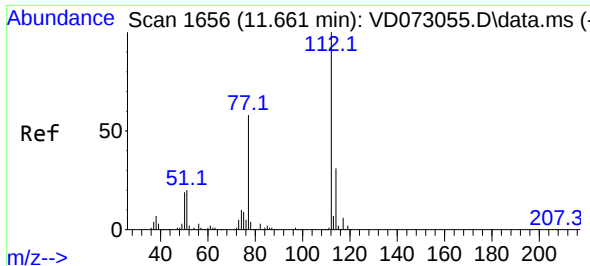


#64
Tetrachloroethene
Concen: 20.010 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



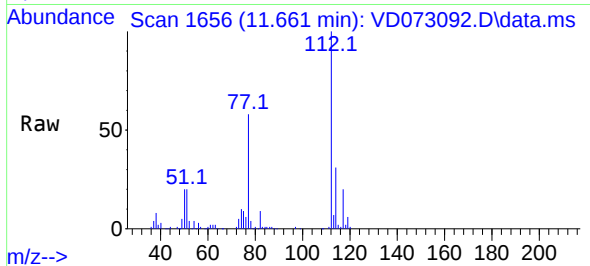
Tgt Ion:164 Resp: 69669
Ion Ratio Lower Upper
164 100
166 124.1 98.5 147.7
129 95.3 74.6 111.8
131 103.8 72.0 108.0





#65
Chlorobenzene
Concen: 19.998 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

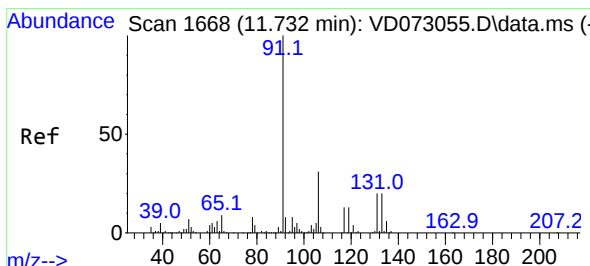
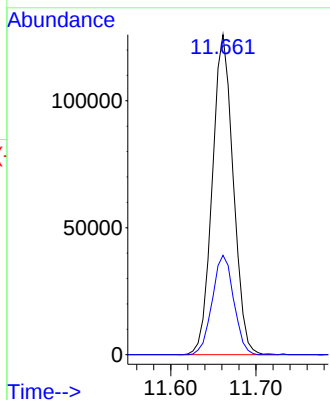
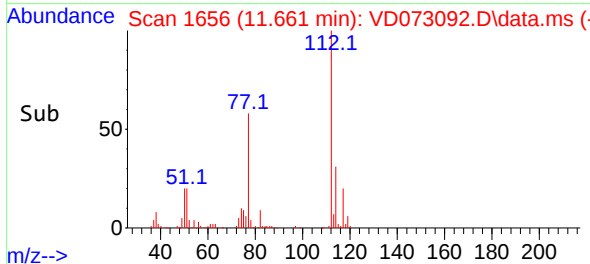
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



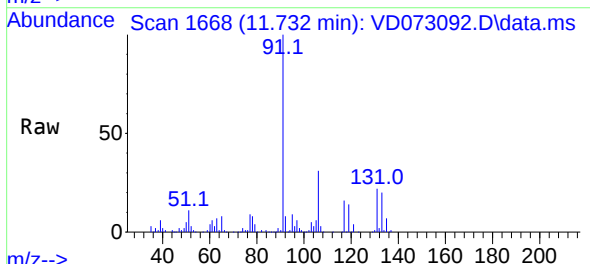
Tgt Ion:112 Resp: 215490
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6

Manual Integrations
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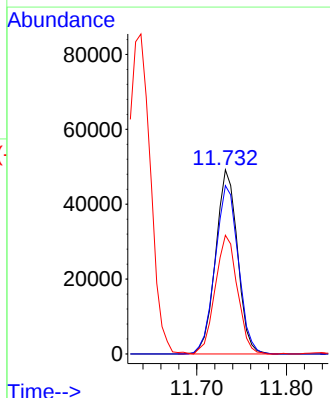
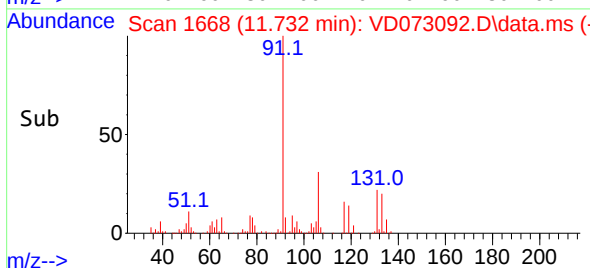
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

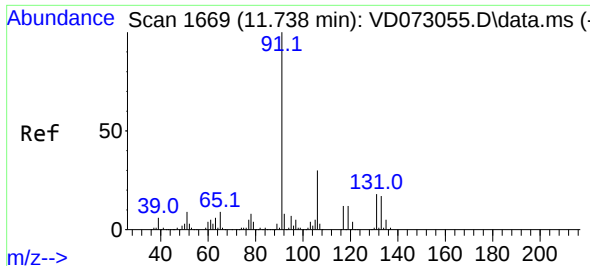


#66
1,1,1,2-Tetrachloroethane
Concen: 20.228 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



Tgt Ion:131 Resp: 83262
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.3
119 65.5 31.9 95.9





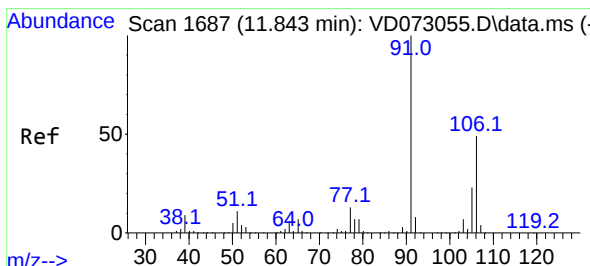
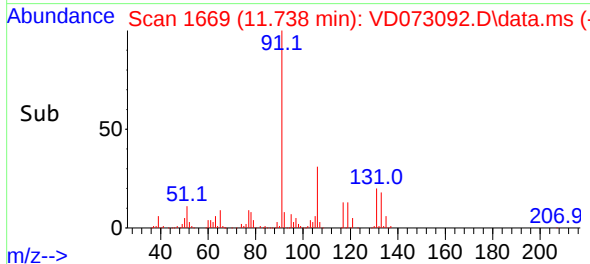
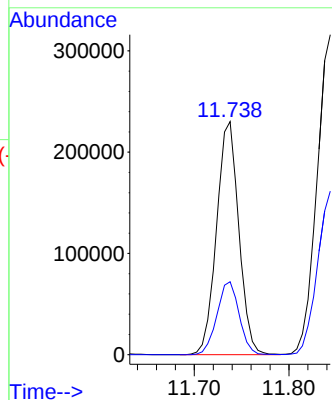
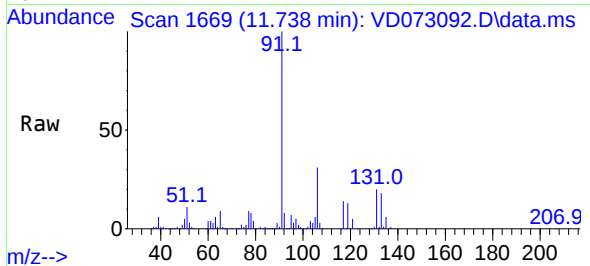
#67
Ethyl Benzene
Concen: 20.017 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBSD01

Tgt Ion: 91 Resp: 375558
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4

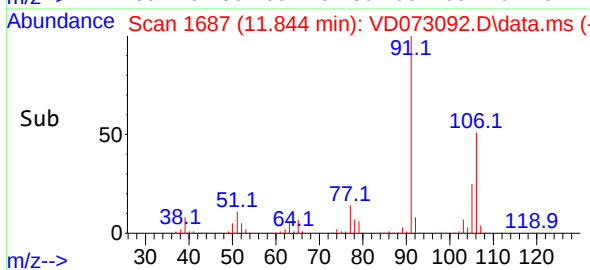
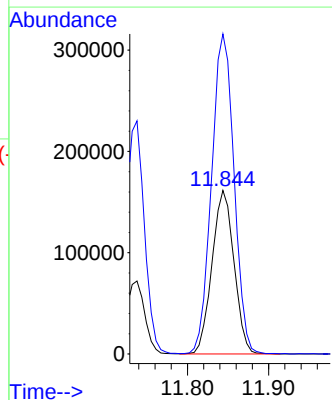
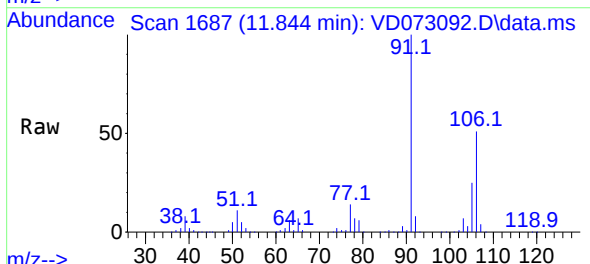
Manual Integrations
APPROVED

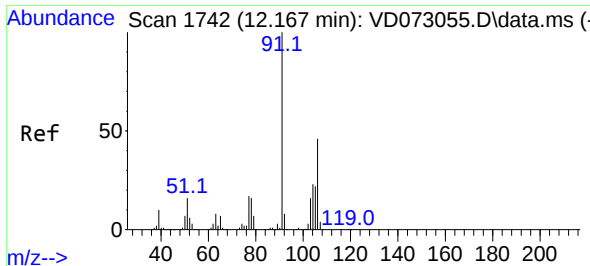
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#68
m/p-Xylenes
Concen: 41.805 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Tgt Ion:106 Resp: 303984
Ion Ratio Lower Upper
106 100
91 200.2 163.7 245.5





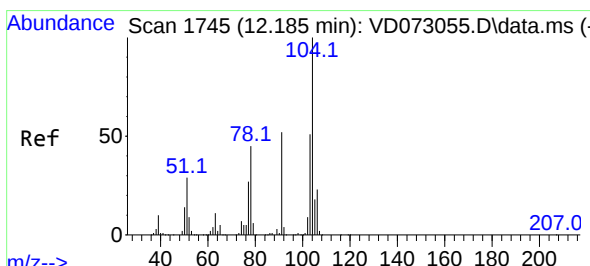
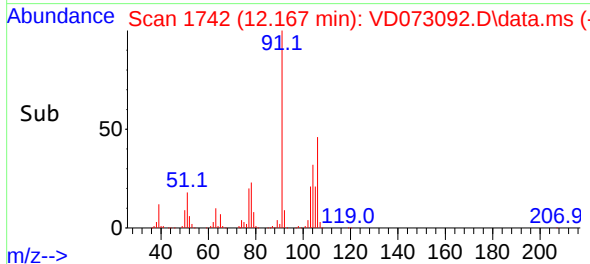
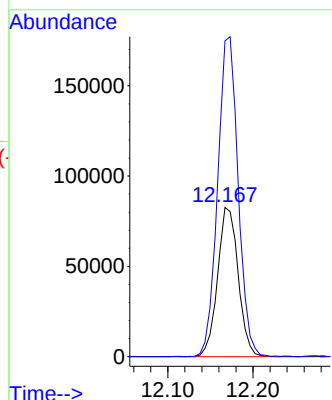
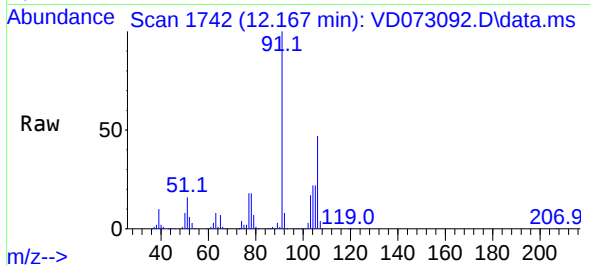
#69
o-Xylene
Concen: 20.708 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBSD01

Tgt Ion:106 Resp: 13886
Ion Ratio Lower Upper
106 100
91 213.3 110.4 331.2

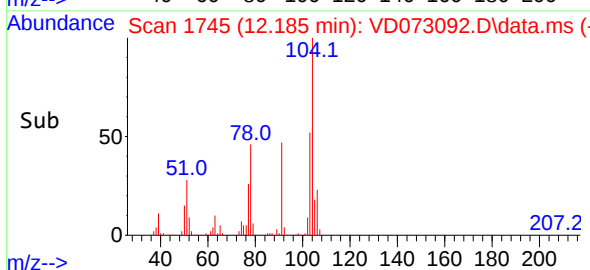
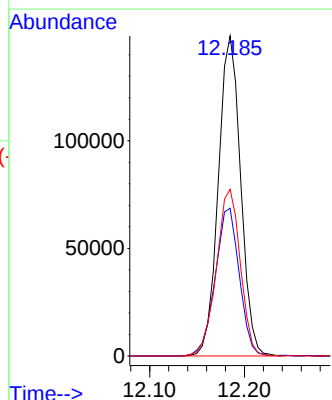
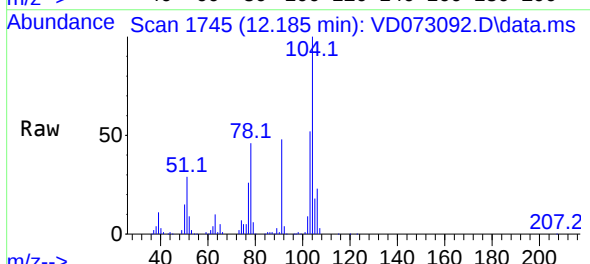
Manual Integrations
APPROVED

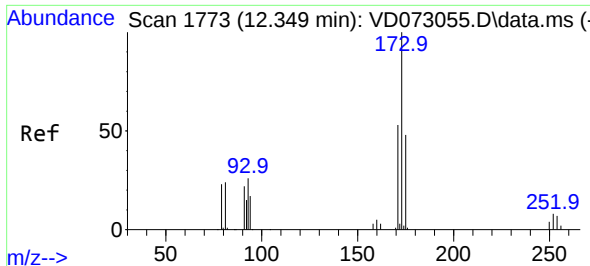
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#70
Styrene
Concen: 20.819 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

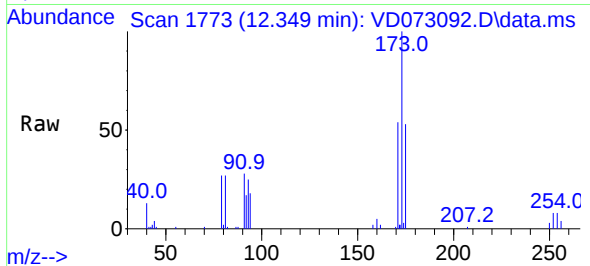
Tgt Ion:104 Resp: 243835
Ion Ratio Lower Upper
104 100
78 49.8 41.8 62.8
103 55.7 44.2 66.4





#71
Bromoform
Concen: 19.707 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

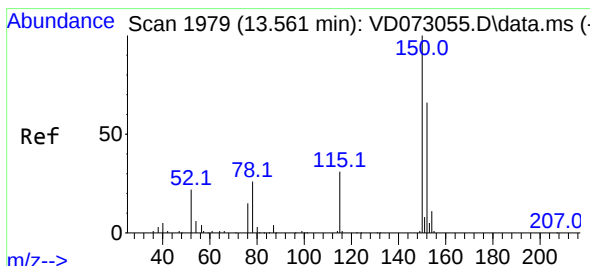
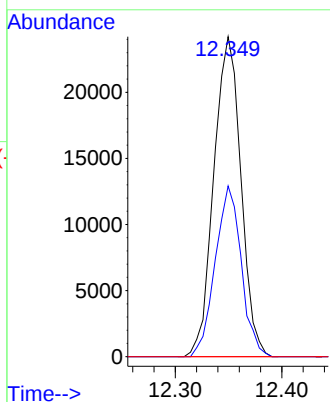
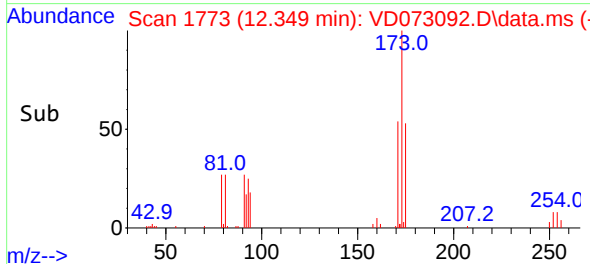
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



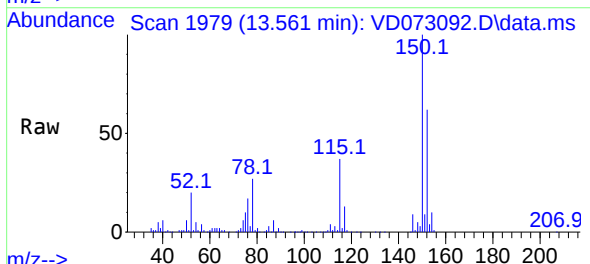
Tgt Ion:173 Resp: 42709
Ion Ratio Lower Upper
173 100
175 51.3 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

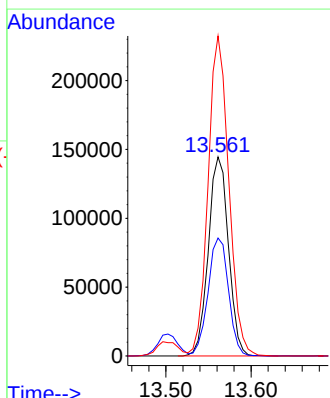
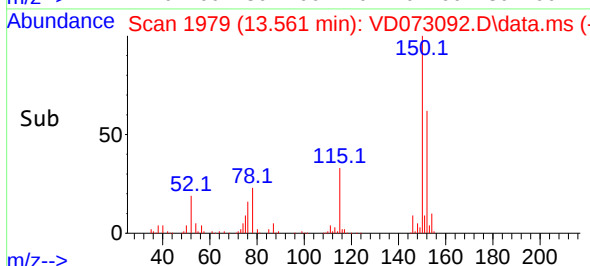
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

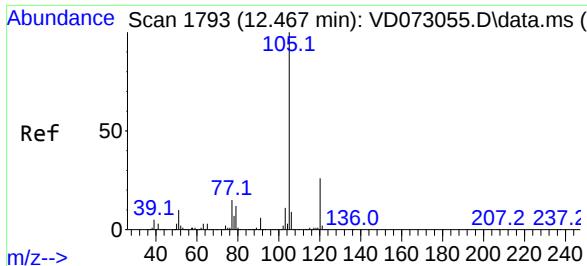


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



Tgt Ion:152 Resp: 237114
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 165.3 0.0 348.6





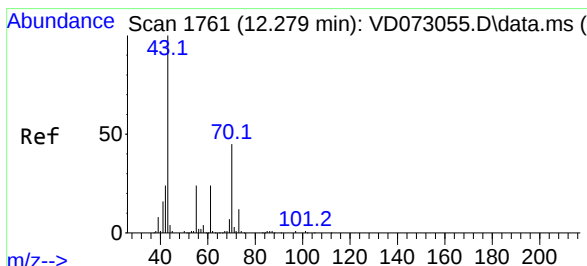
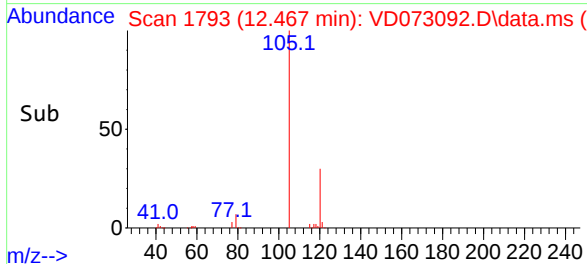
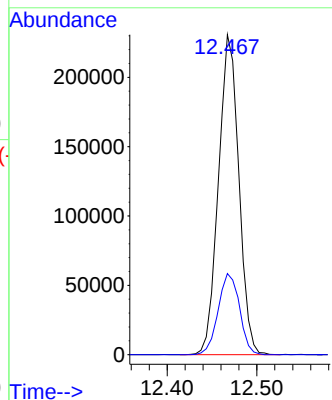
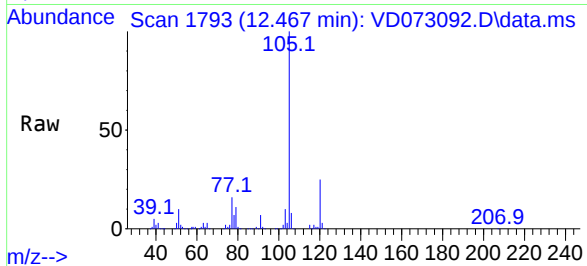
#73
Isopropylbenzene
Concen: 20.222 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 105 Resp: 36345
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

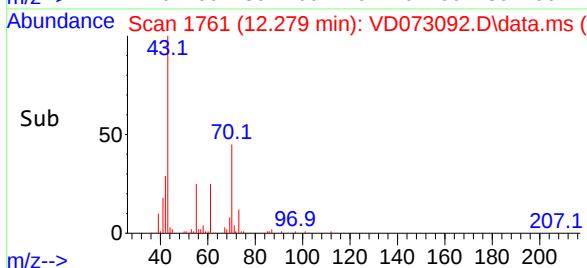
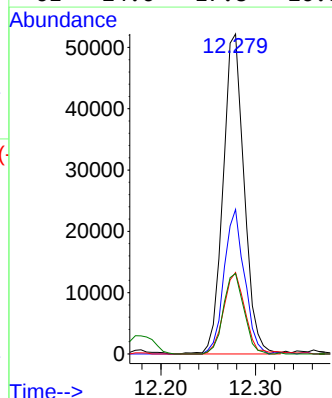
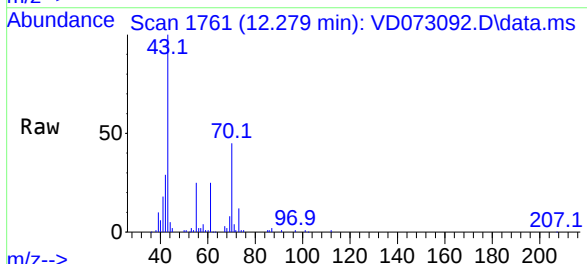
Manual Integrations
APPROVED

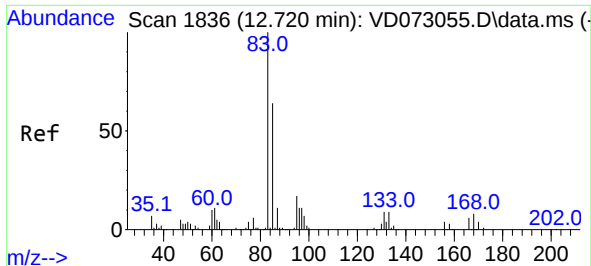
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#74
N-ethyl acetate
Concen: 19.205 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Tgt Ion: 43 Resp: 80667
Ion Ratio Lower Upper
43 100
70 43.9 31.3 46.9
55 26.2 20.0 30.0
61 24.6 17.8 26.8





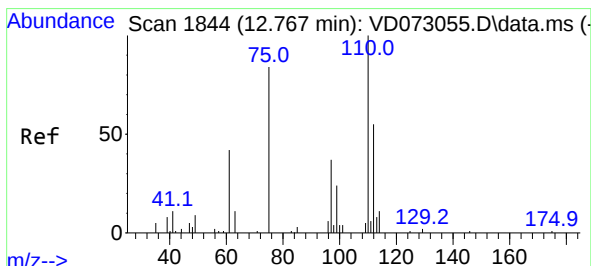
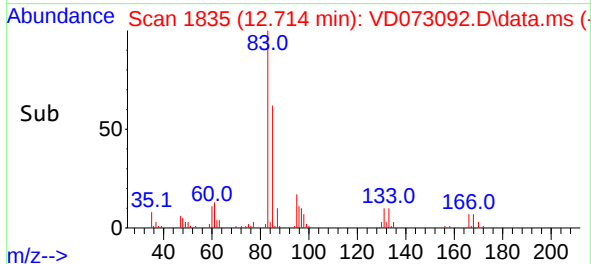
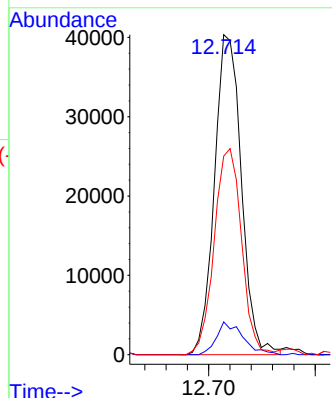
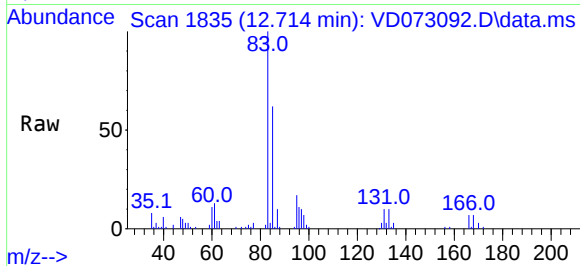
#75
1,1,2,2-Tetrachloroethane
Concen: 19.971 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 83 Resp: 70762
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 65.3 32.6 98.0

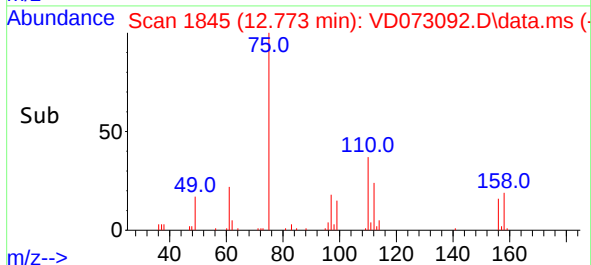
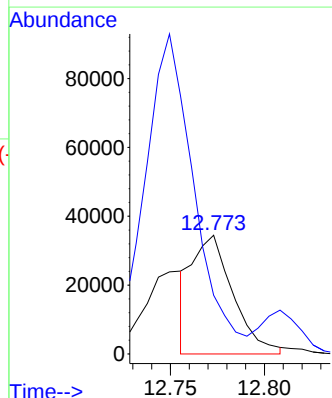
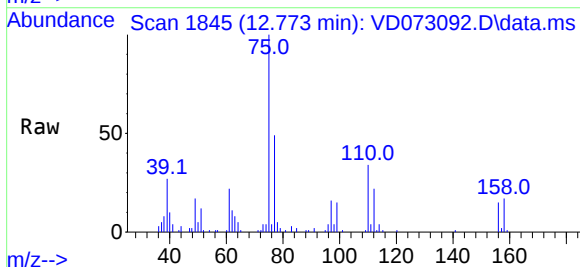
Manual Integrations
APPROVED

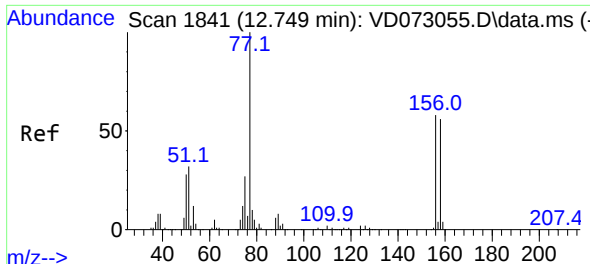
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#76
1,2,3-Trichloropropane
Concen: 19.542 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

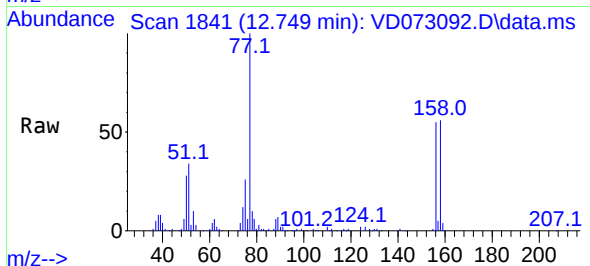
Tgt Ion: 75 Resp: 52380
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.439 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

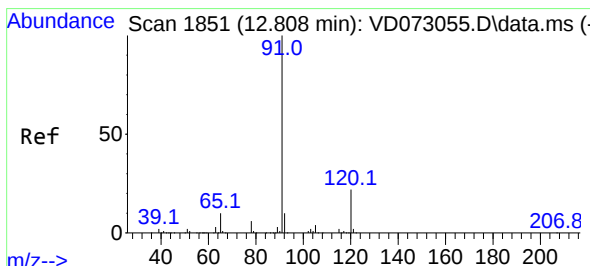
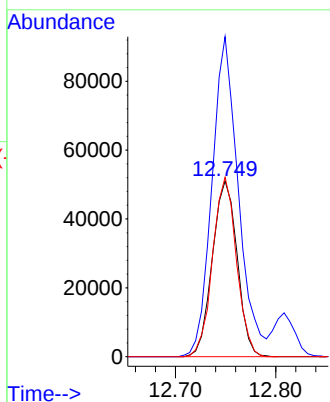
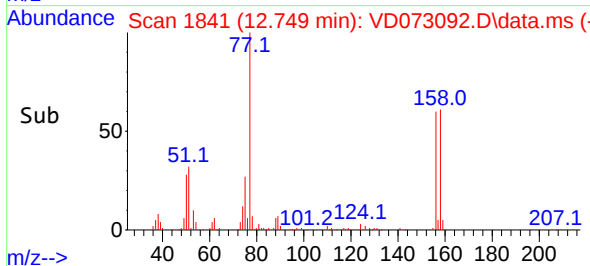
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBSD01



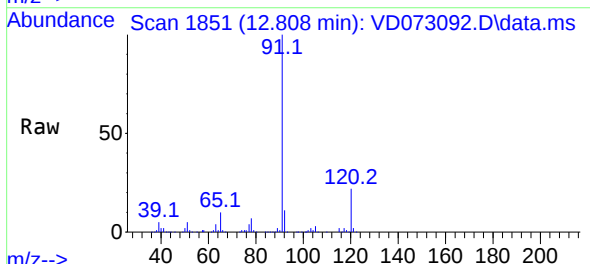
Tgt Ion:156 Resp: 87650
Ion Ratio Lower Upper
156 100
77 194.0 102.8 308.3
158 98.2 48.7 146.1

Manual Integrations
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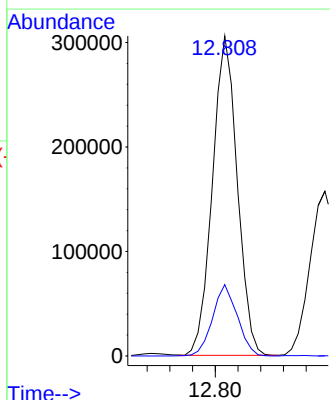
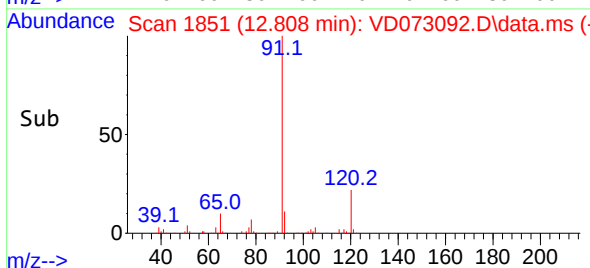
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

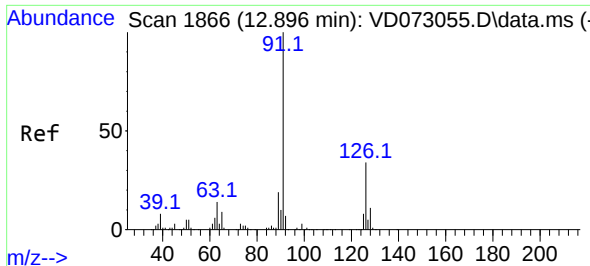


#78
n-propylbenzene
Concen: 20.575 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



Tgt Ion: 91 Resp: 464384
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





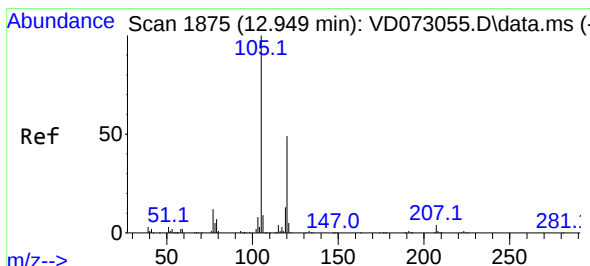
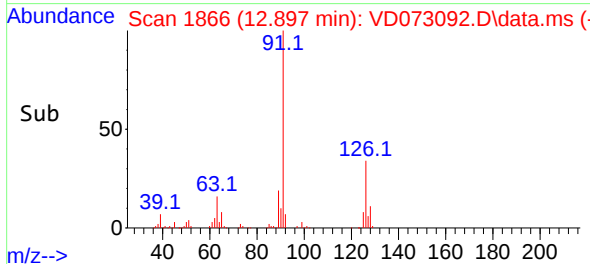
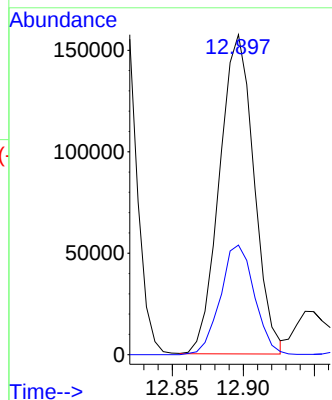
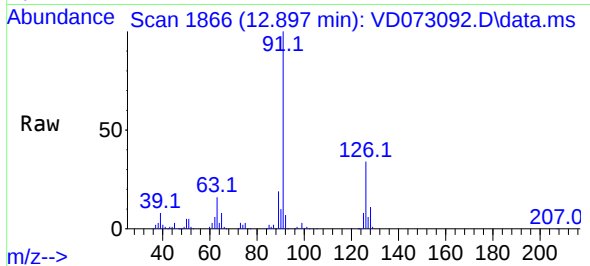
#79
2-Chlorotoluene
Concen: 20.215 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 91 Resp: 265799
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6

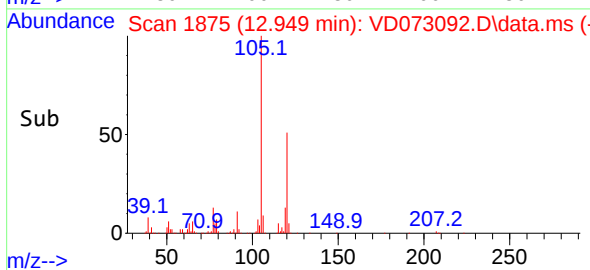
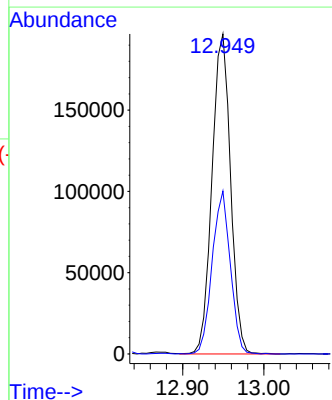
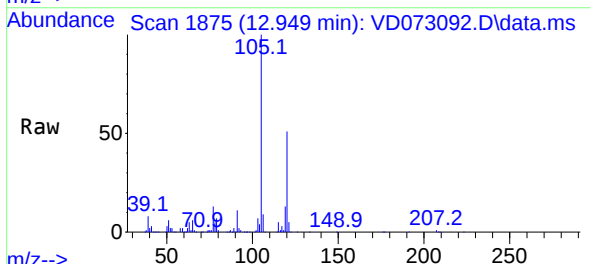
Manual Integrations
APPROVED

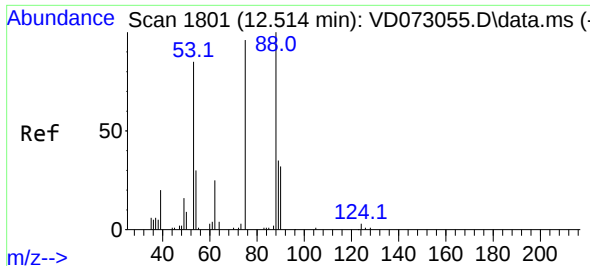
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.401 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

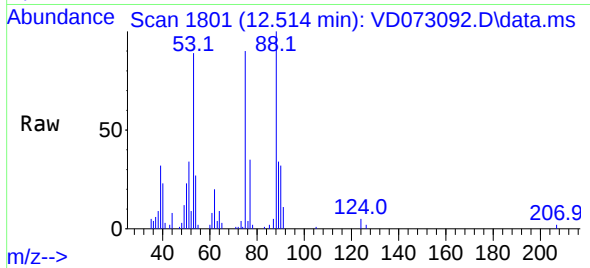
Tgt Ion:105 Resp: 312364
Ion Ratio Lower Upper
105 100
120 49.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 20.027 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

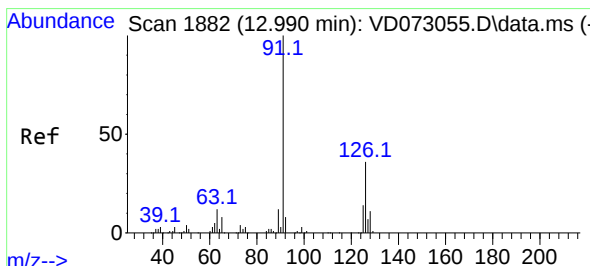
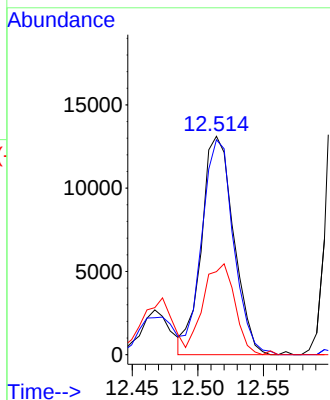
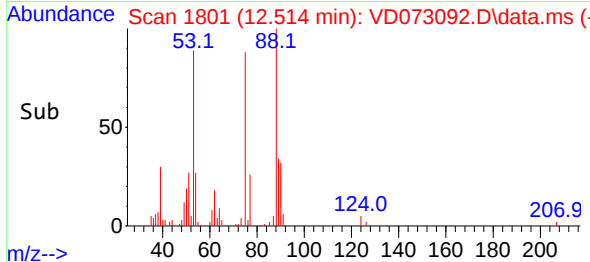
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



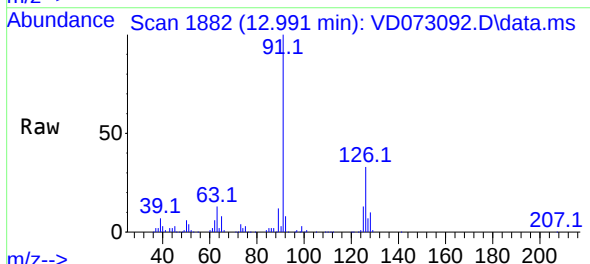
Tgt Ion: 75 Resp: 2238
Ion Ratio Lower Upper
75 100
53 96.9 86.5 129.7
89 40.7 33.9 50.9

Manual Integrations
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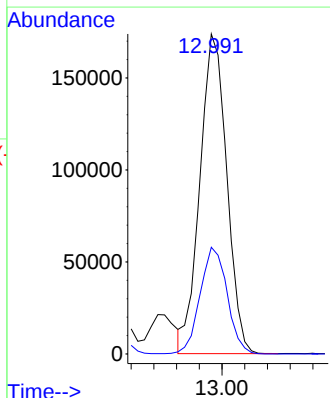
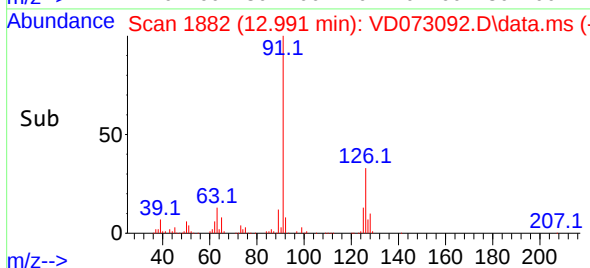
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

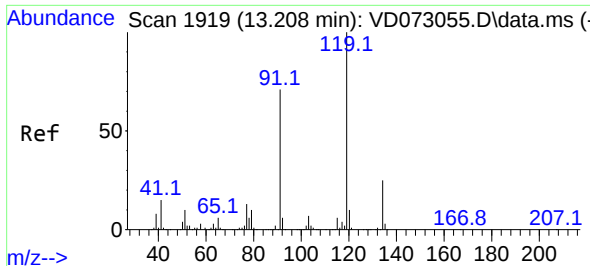


#82
4-Chlorotoluene
Concen: 20.442 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



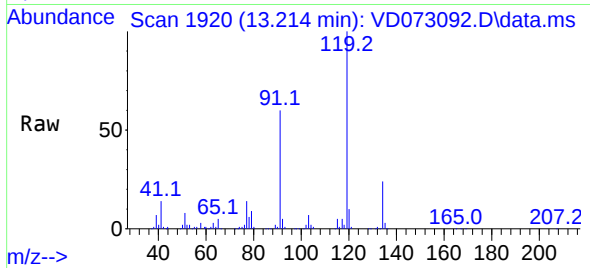
Tgt Ion: 91 Resp: 284468
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5





#83
tert-Butylbenzene
Concen: 20.343 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

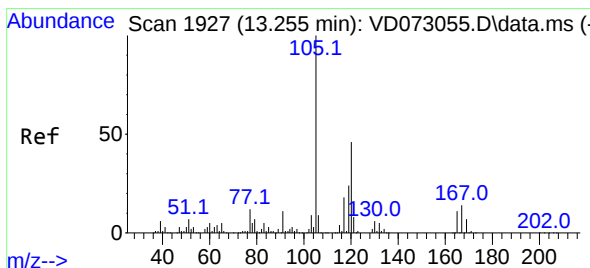
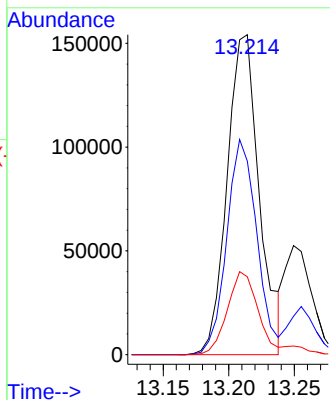
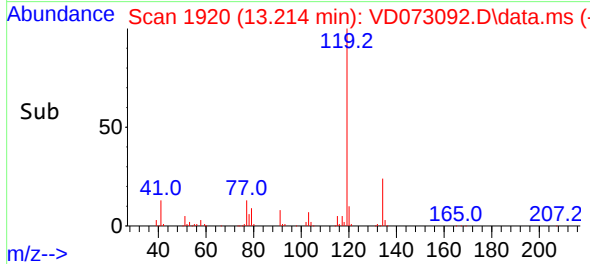
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



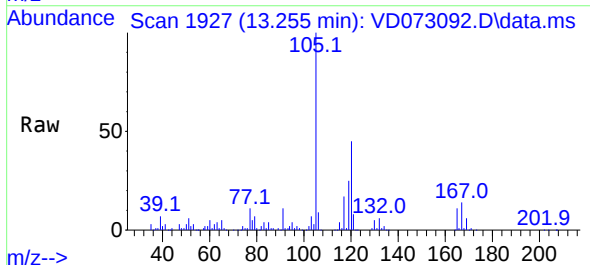
Tgt Ion:119 Resp: 26383
Ion Ratio Lower Upper
119 100
91 62.9 34.8 104.5
134 26.6 13.3 39.9

Manual Integrations
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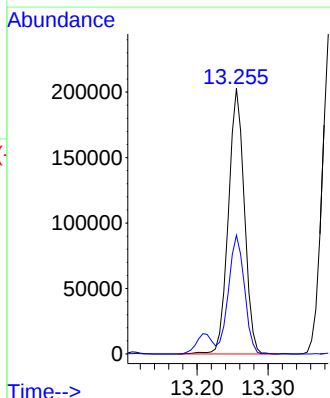
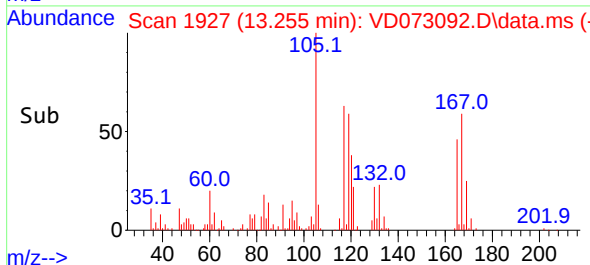
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

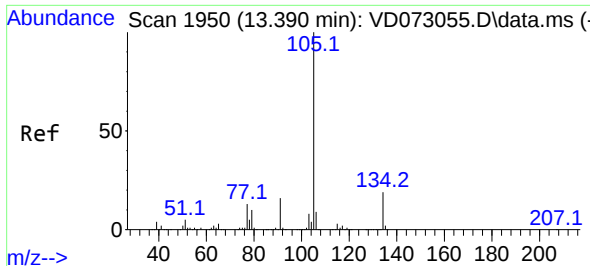


#84
1,2,4-Trimethylbenzene
Concen: 20.739 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



Tgt Ion:105 Resp: 315929
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8





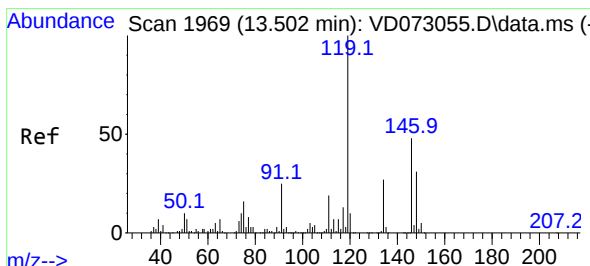
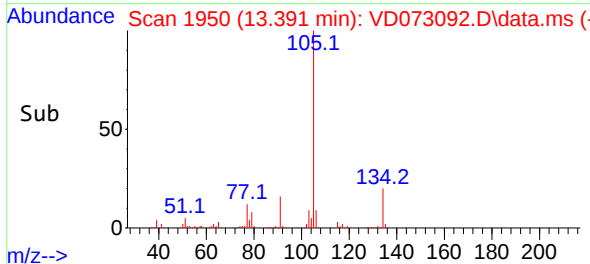
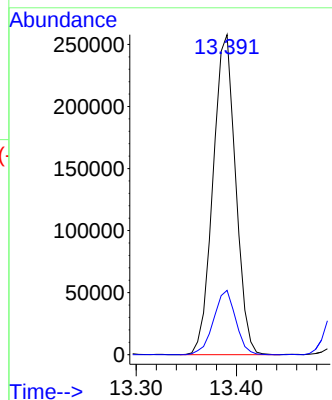
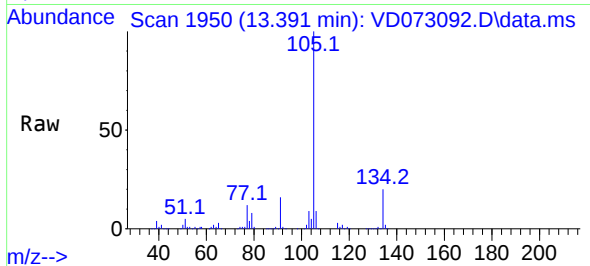
#85
 sec-Butylbenzene
 Concen: 20.447 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD073092.D
 Acq: 18 May 2022 11:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBS01

Tgt Ion:105 Resp: 40253
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

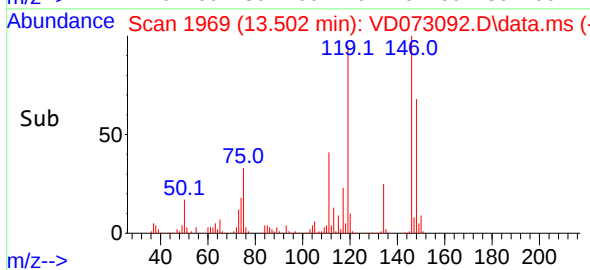
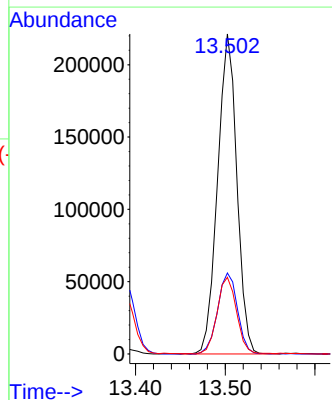
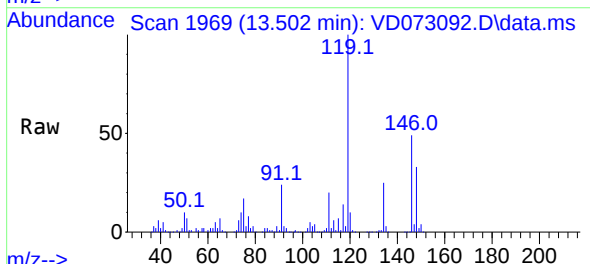
Manual Integrations
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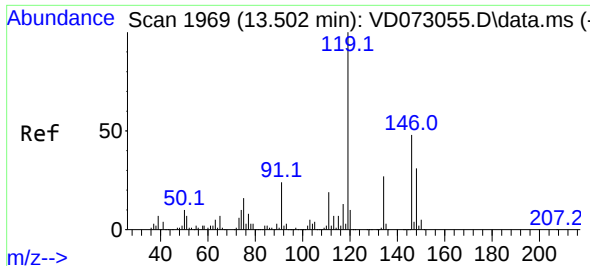
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/24/2022



#86
 p-Isopropyltoluene
 Concen: 20.610 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073092.D
 Acq: 18 May 2022 11:56

Tgt Ion:119 Resp: 330022
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.301 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073092.D

Acq: 18 May 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS01

Tgt Ion:146 Resp: 17893

Ion Ratio Lower Upper

146 100

111 41.2 20.4 61.3

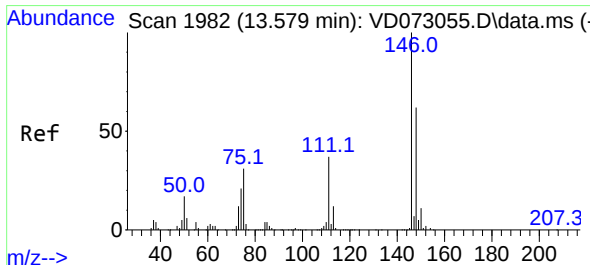
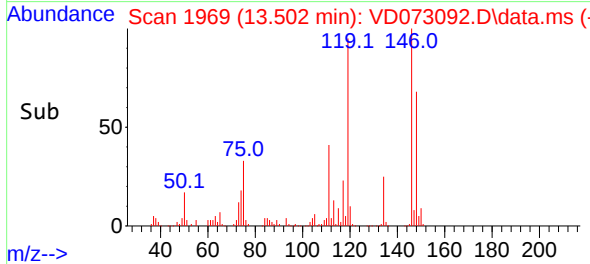
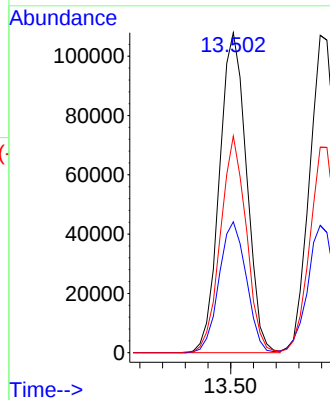
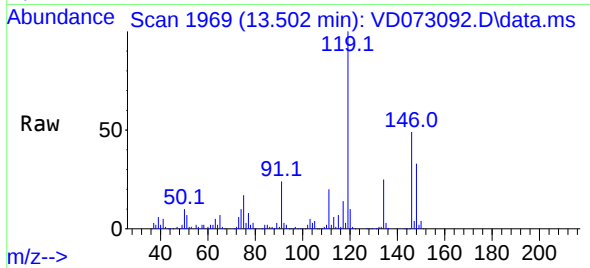
148 64.4 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#88

1,4-Dichlorobenzene

Concen: 20.387 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VD073092.D

Acq: 18 May 2022 11:56

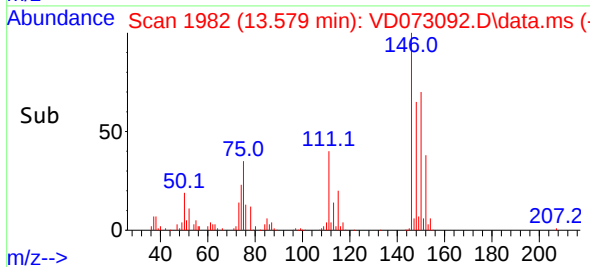
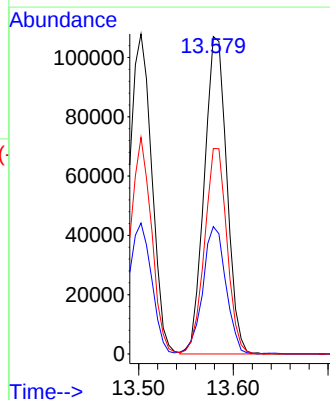
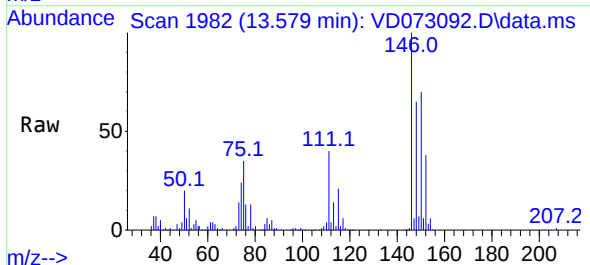
Tgt Ion:146 Resp: 177567

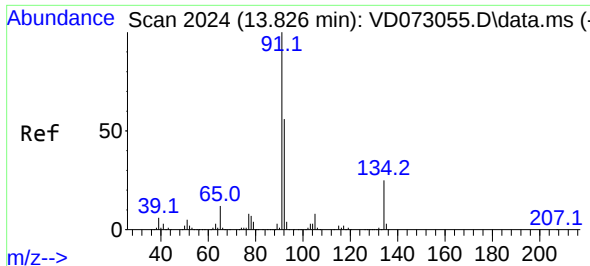
Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.9

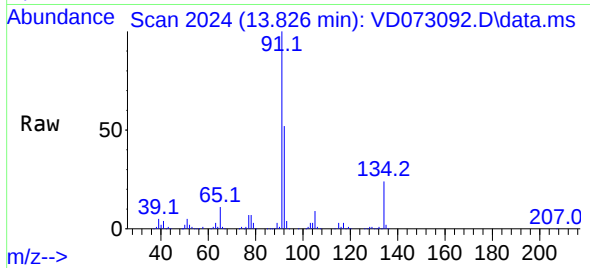
148 64.3 31.7 95.1





#89
n-Butylbenzene
Concen: 20.082 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

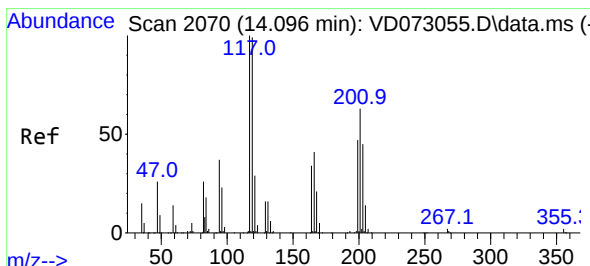
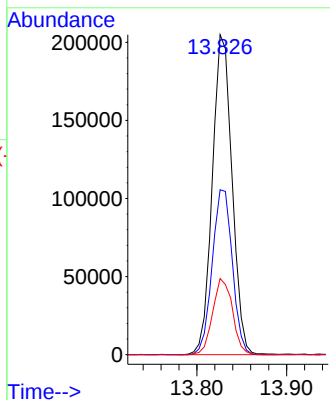
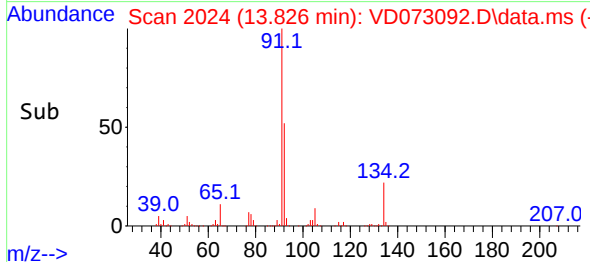
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



Tgt Ion: 91 Resp: 31273
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.8
134 23.9 12.3 36.9

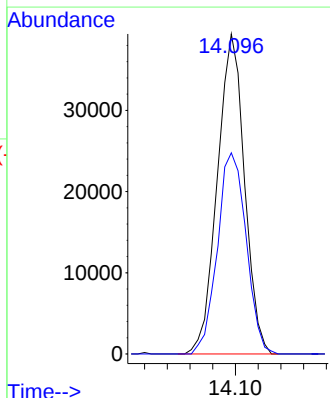
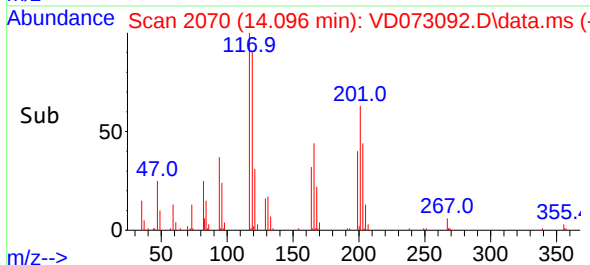
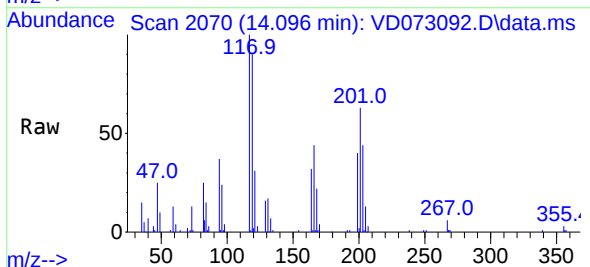
Manual Integrations
APPROVED

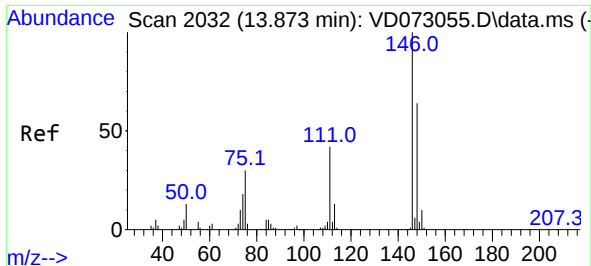
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#90
Hexachloroethane
Concen: 19.664 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Tgt Ion:117 Resp: 65427
Ion Ratio Lower Upper
117 100
201 66.6 33.4 100.2





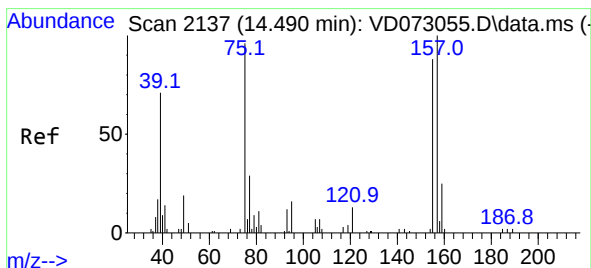
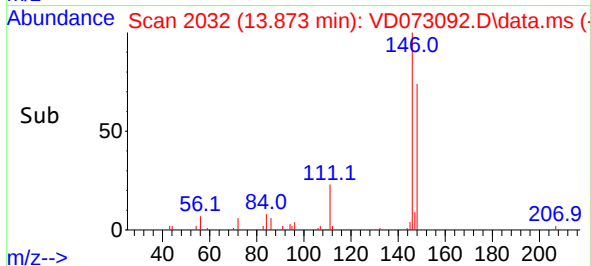
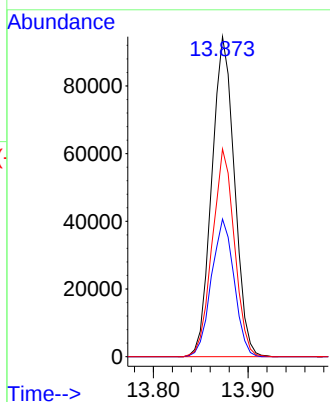
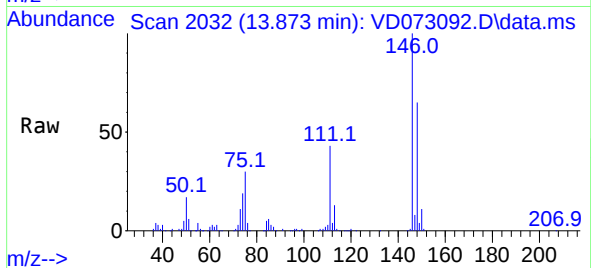
#91
1,2-Dichlorobenzene
Concen: 20.590 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBSD01

Tgt Ion:146 Resp: 157404
Ion Ratio Lower Upper
146 100
111 43.0 21.1 63.3
148 63.5 31.7 95.1

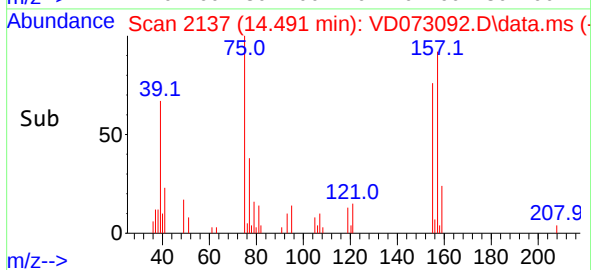
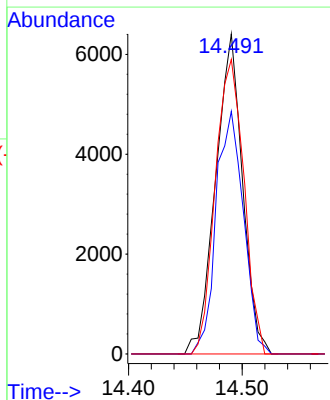
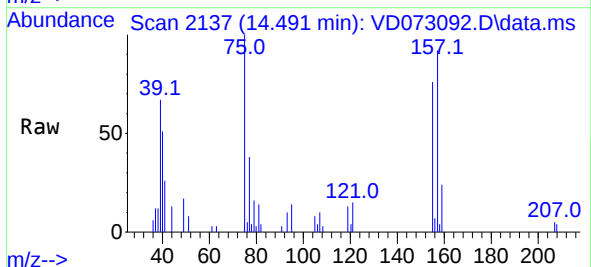
Manual Integrations
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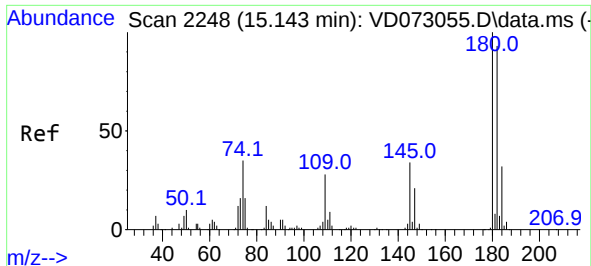
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.152 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Tgt Ion: 75 Resp: 10548
Ion Ratio Lower Upper
75 100
155 77.0 36.8 110.3
157 97.6 48.4 145.0





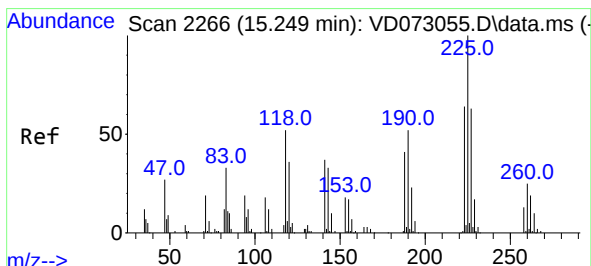
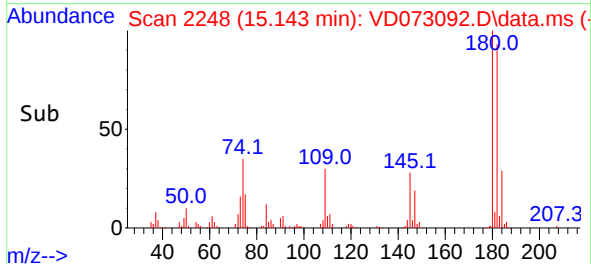
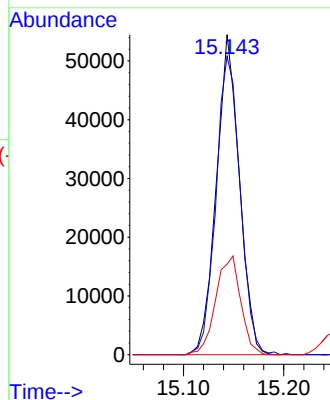
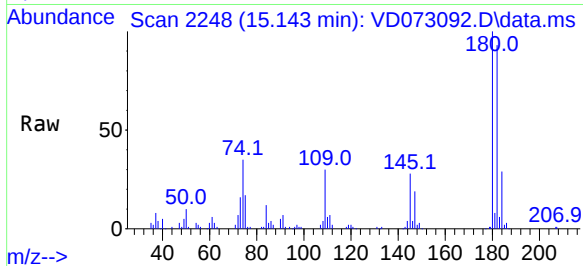
#93
1,2,4-Trichlorobenzene
Concen: 19.894 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBSD01

Tgt Ion:180 Resp: 8677
Ion Ratio Lower Upper
180 100
182 98.3 47.3 142.0
145 33.4 16.2 48.5

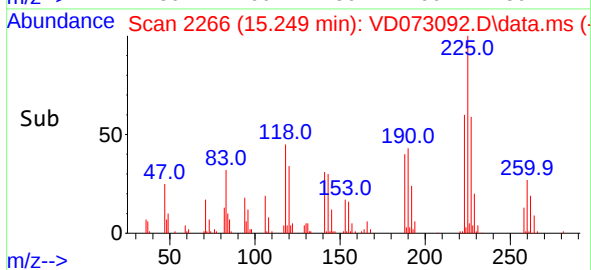
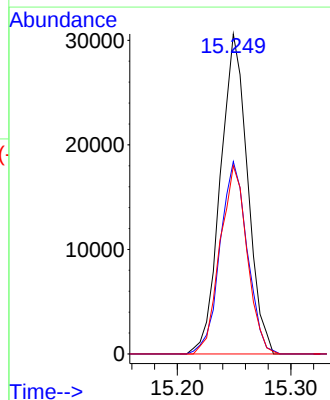
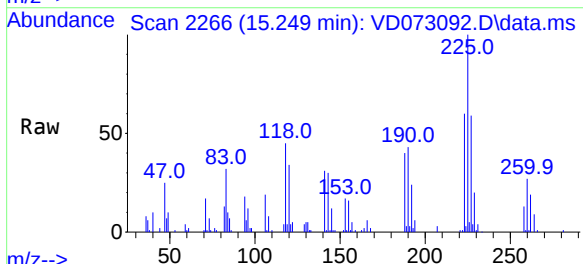
Manual Integrations
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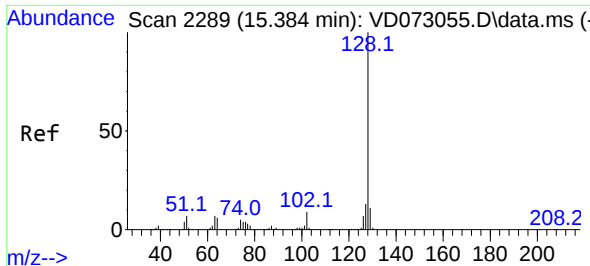
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#94
Hexachlorobutadiene
Concen: 20.902 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

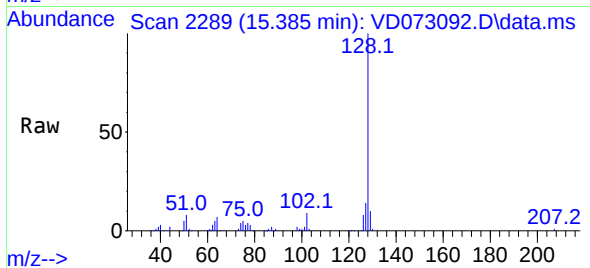
Tgt Ion:225 Resp: 50888
Ion Ratio Lower Upper
225 100
223 60.0 31.1 93.2
227 58.4 32.4 97.0





#95
Naphthalene
Concen: 19.001 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56

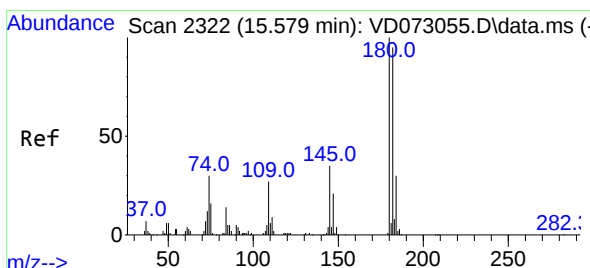
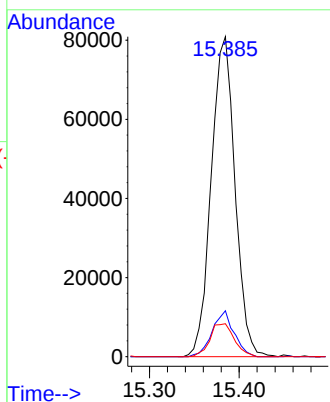
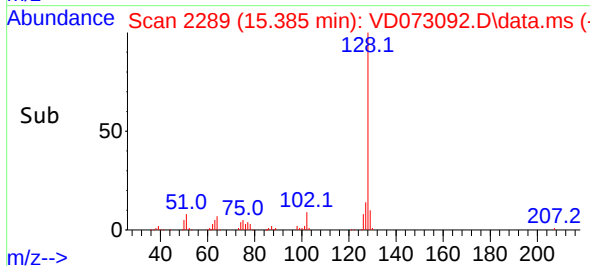
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



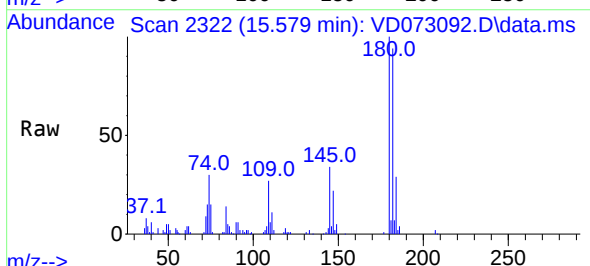
Tgt Ion:128 Resp: 14885
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.6 8.4 12.6

Manual Integrations
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Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.280 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD073092.D
Acq: 18 May 2022 11:56



Tgt Ion:180 Resp: 78535
Ion Ratio Lower Upper
180 100
182 92.4 47.6 142.9
145 34.6 17.1 51.3

