

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073073.D
 Acq On : 17 May 2022 23:53
 Operator : VA/SY
 Sample : VD0517SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS02

Manual Integrations
 APPROVED

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

Quant Time: May 18 05:12:56 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	290116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	505037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	485666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	230838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177700	48.978	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.960%		
35) Dibromofluoromethane	7.909	113	182920	51.586	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.180%		
50) Toluene-d8	10.332	98	677706	52.683	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.360%		
62) 4-Bromofluorobenzene	12.620	95	239535	51.411	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	68989	19.017	ug/l	99
3) Chloromethane	2.209	50	77203	20.643	ug/l	95
4) Vinyl Chloride	2.344	62	69007	20.063	ug/l	98
5) Bromomethane	2.750	94	47665	19.511	ug/l	98
6) Chloroethane	2.909	64	44967	20.994	ug/l	96
7) Trichlorofluoromethane	3.268	101	121787	19.349	ug/l	99
8) Diethyl Ether	3.715	74	33069	19.200	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	70047	18.792	ug/l	97
10) Methyl Iodide	4.297	142	77320	20.579	ug/l	99
11) Tert butyl alcohol	5.185	59	60379	107.592	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	67027	19.886	ug/l	90
13) Acrolein	3.921	56	28813	92.787	ug/l	99
14) Allyl chloride	4.715	41	106156	19.879	ug/l #	94
15) Acrylonitrile	5.415	53	80089	97.021	ug/l	98
16) Acetone	4.156	43	59290	90.304	ug/l	97
17) Carbon Disulfide	4.403	76	227490	20.151	ug/l	99
18) Methyl Acetate	4.715	43	38710	20.415	ug/l #	91
19) Methyl tert-butyl Ether	5.473	73	154587	19.611	ug/l	98
20) Methylene Chloride	4.956	84	103334	21.685	ug/l #	88
21) trans-1,2-Dichloroethene	5.467	96	81831	20.410	ug/l	94
22) Diisopropyl ether	6.356	45	236127	20.600	ug/l	96
23) Vinyl Acetate	6.303	43	607406	98.092	ug/l #	95
24) 1,1-Dichloroethane	6.262	63	148186	20.781	ug/l	97
25) 2-Butanone	7.203	43	91599	92.133	ug/l	94
26) 2,2-Dichloropropane	7.203	77	112387	18.615	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	91227	20.633	ug/l	91
28) Bromochloromethane	7.544	49	44405	18.179	ug/l #	83
29) Tetrahydrofuran	7.561	42	61321	95.853	ug/l	94
30) Chloroform	7.703	83	154972	20.311	ug/l	90
31) Cyclohexane	7.979	56	123772	18.939	ug/l #	88
32) 1,1,1-Trichloroethane	7.903	97	129026	19.738	ug/l	98
36) 1,1-Dichloropropene	8.109	75	112580	19.485	ug/l	97
37) Ethyl Acetate	7.285	43	47424	19.544	ug/l #	94
38) Carbon Tetrachloride	8.091	117	112700	19.066	ug/l	100
39) Methylcyclohexane	9.350	83	117373	17.422	ug/l	98
40) Benzene	8.344	78	334425	20.243	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	25805	18.860	ug/l	92
42) 1,2-Dichloroethane	8.420	62	93459	19.436	ug/l	95
43) Isopropyl Acetate	8.450	43	84790	18.795	ug/l #	93
44) Trichloroethene	9.103	130	87218	19.518	ug/l	97
45) 1,2-Dichloropropane	9.379	63	81977	19.108	ug/l	98
46) Dibromomethane	9.467	93	46101	19.433	ug/l	98
47) Bromodichloromethane	9.656	83	116529	19.340	ug/l	95
48) Methyl methacrylate	9.450	41	39225	17.529	ug/l #	87
49) 1,4-Dioxane	9.456	88	9636	390.146	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	218045	92.616	ug/l	95
52) Toluene	10.397	92	215337	20.531	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	102444	18.643	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	125313	19.341	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	61524	19.000	ug/l	96
56) Ethyl methacrylate	10.650	69	68918	18.820	ug/l	87
57) 1,3-Dichloropropane	10.938	76	104358	18.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	143680	89.795	ug/l	96
59) 2-Hexanone	10.973	43	144703	93.043	ug/l	96
60) Dibromochloromethane	11.132	129	75768	18.834	ug/l	98
61) 1,2-Dibromoethane	11.238	107	59870	19.215	ug/l	100
64) Tetrachloroethene	10.867	164	72007	20.237	ug/l	96
65) Chlorobenzene	11.661	112	224717	20.406	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	82184	19.537	ug/l	98
67) Ethyl Benzene	11.738	91	386858	20.176	ug/l	98
68) m/p-Xylenes	11.844	106	312676	42.076	ug/l	96
69) o-Xylene	12.167	106	138439	20.201	ug/l	97
70) Styrene	12.185	104	246356	20.582	ug/l	97
71) Bromoform	12.349	173	43306	19.553	ug/l #	98
73) Isopropylbenzene	12.467	105	358714	20.501	ug/l	99
74) N-amyl acetate	12.279	43	79644	19.477	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	69892	20.261	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	48069m	18.421	ug/l	
77) Bromobenzene	12.749	156	87584	20.979	ug/l	94
78) n-propylbenzene	12.808	91	462330	21.041	ug/l	99
79) 2-Chlorotoluene	12.897	91	266075	20.786	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	313534	21.034	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	20111	18.479	ug/l	88
82) 4-Chlorotoluene	12.991	91	287986	21.258	ug/l	99
83) tert-Butylbenzene	13.208	119	250503	19.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	320554	21.615	ug/l	100
85) sec-Butylbenzene	13.385	105	391862	20.446	ug/l	100
86) p-Isopropyltoluene	13.502	119	324152	20.793	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	179895	20.965	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	178194	21.015	ug/l	99
89) n-Butylbenzene	13.826	91	298709	19.703	ug/l	100
90) Hexachloroethane	14.096	117	66971	20.675	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	155365	20.876	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	10688	19.934	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	84514	19.903	ug/l	97
94) Hexachlorobutadiene	15.243	225	46666	19.689	ug/l	97
95) Naphthalene	15.379	128	144690	18.978	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	72433	19.213	ug/l	97

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ClientSampleId :
 VD0517SBSD02

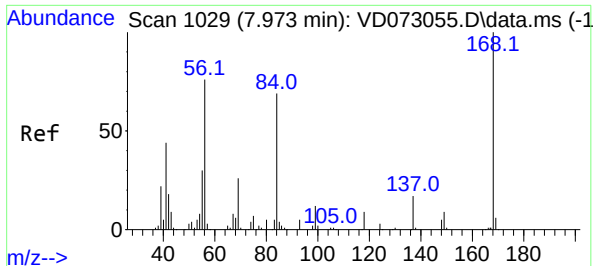
Manual Integrations
APPROVED

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 Supervised By : Mahesh Dadoda 05/18/2022

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

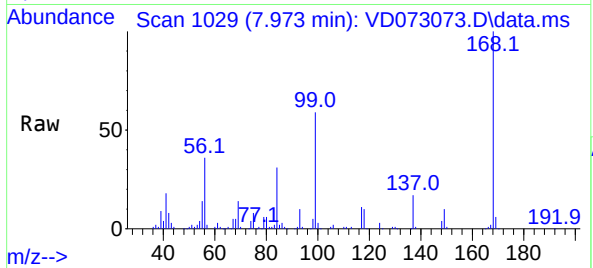
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073073.D
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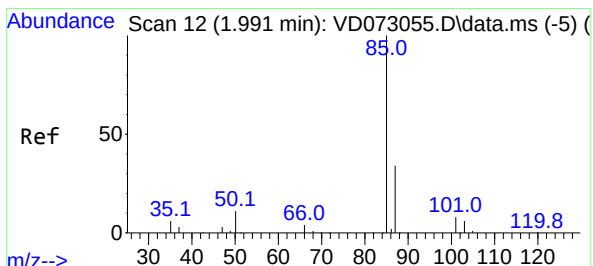
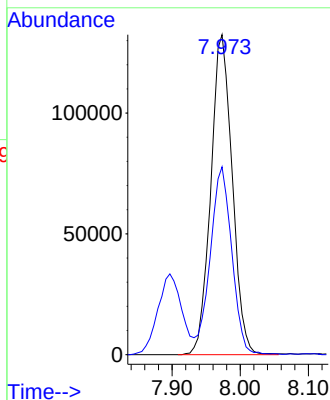
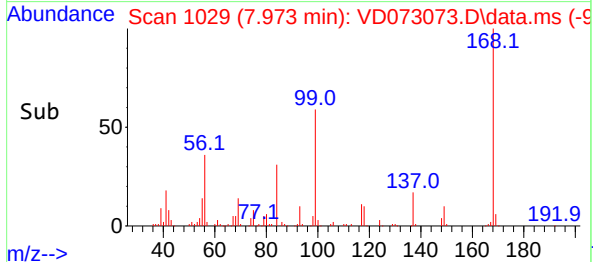
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



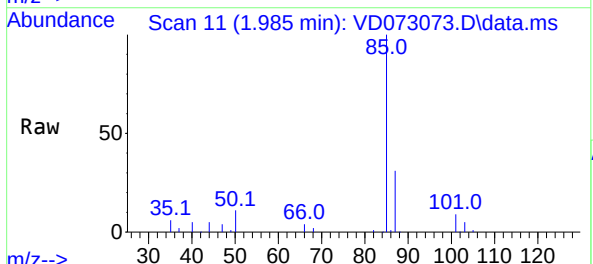
Tgt Ion:168 Resp: 290110
Ion Ratio Lower Upper
168 100
99 58.5 49.8 74.6

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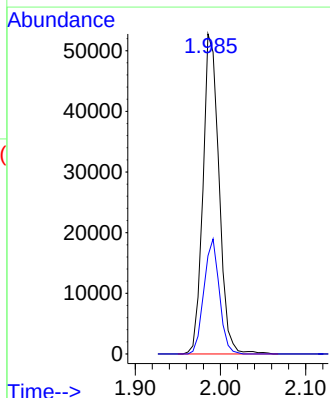
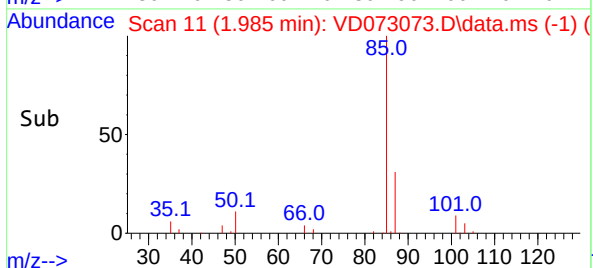
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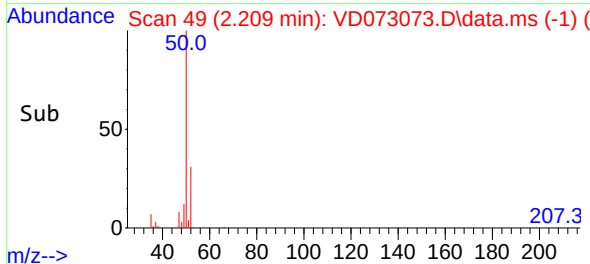
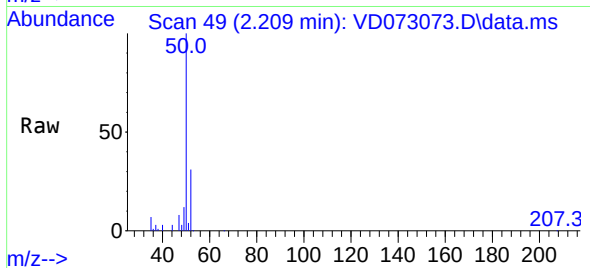
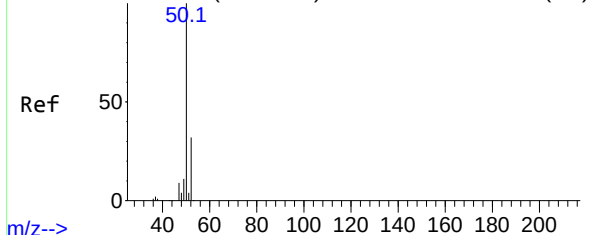
#2
Dichlorodifluoromethane
Concen: 19.017 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



Tgt Ion: 85 Resp: 68989
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0



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



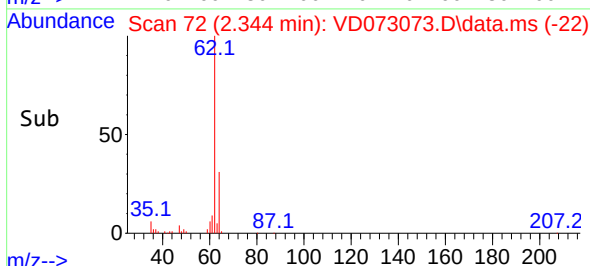
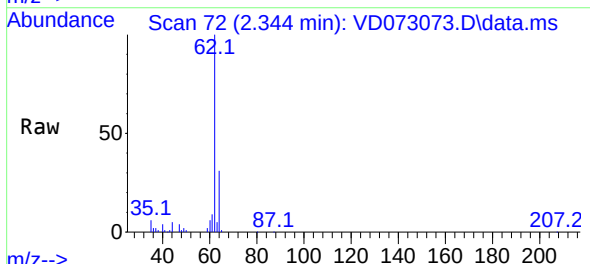
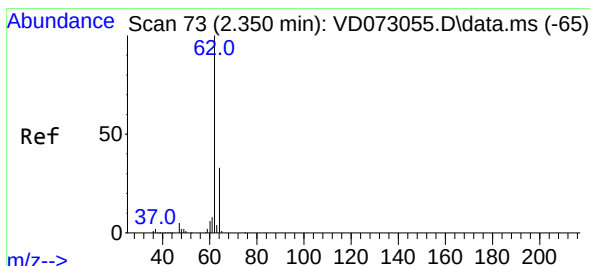
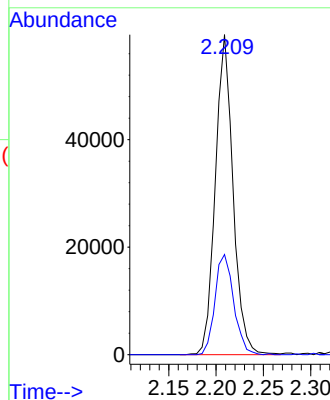
#3
Chloromethane
Concen: 20.643 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Tgt Ion: 50 Resp: 7720
Ion Ratio Lower Upper
50 100
52 31.3 27.4 41.0

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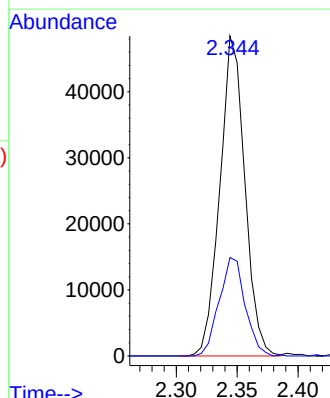
Manual Integrations
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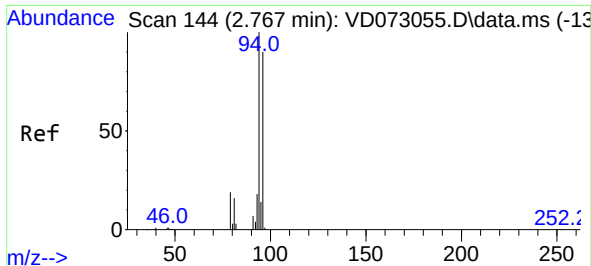
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#4
Vinyl Chloride
Concen: 20.063 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

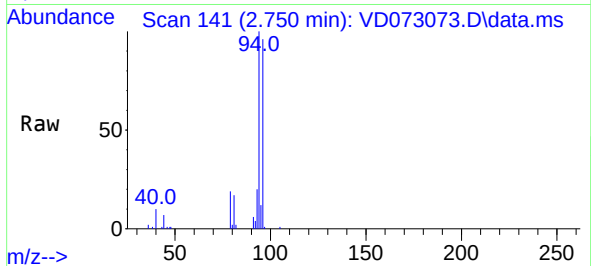
Tgt Ion: 62 Resp: 69007
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0





#5
Bromomethane
Concen: 19.511 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

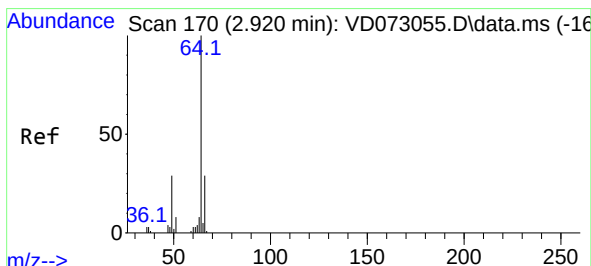
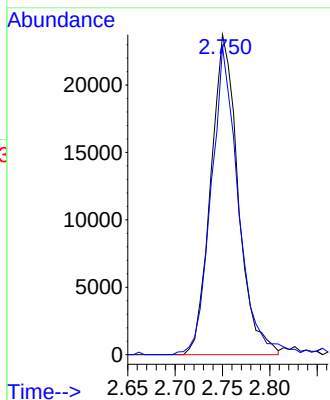
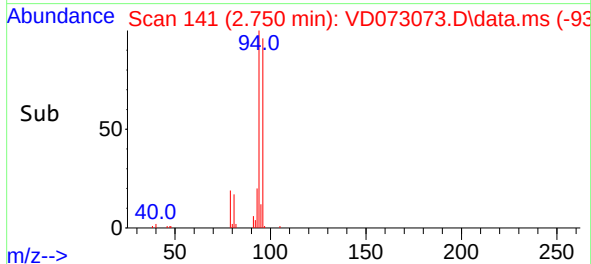
Instrument :
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Tgt Ion: 94 Resp: 4766
Ion Ratio Lower Upper
94 100
96 95.4 77.6 116.4

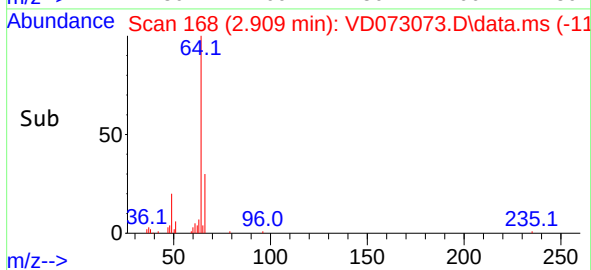
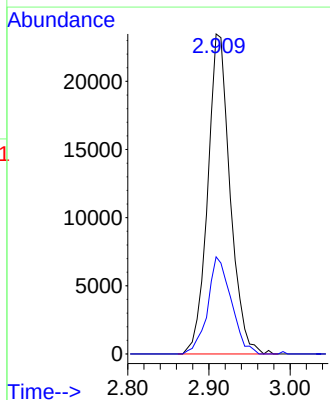
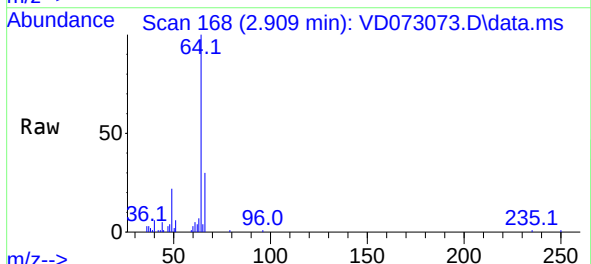
Manual Integrations
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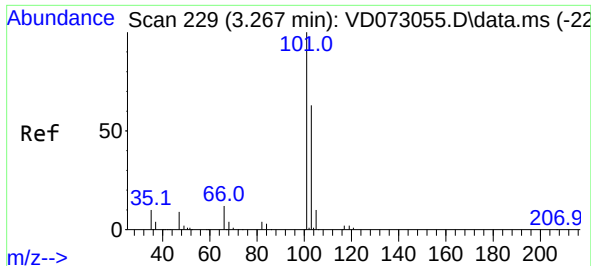
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#6
Chloroethane
Concen: 20.994 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073073.D
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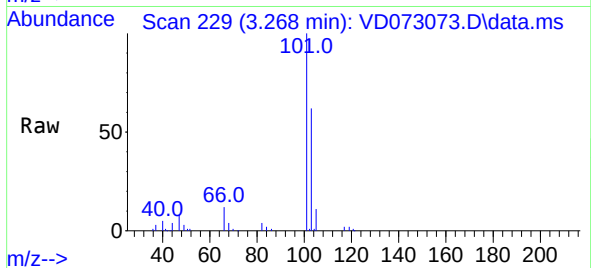
Tgt Ion: 64 Resp: 44967
Ion Ratio Lower Upper
64 100
66 30.4 25.9 38.9





#7
Trichlorofluoromethane
Concen: 19.349 ug/l
RT: 3.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

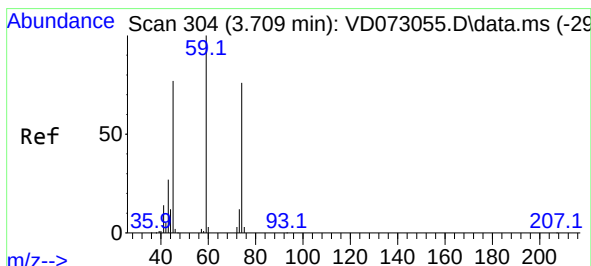
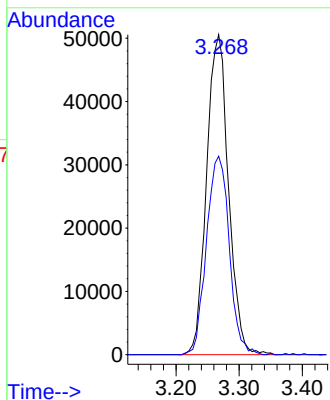
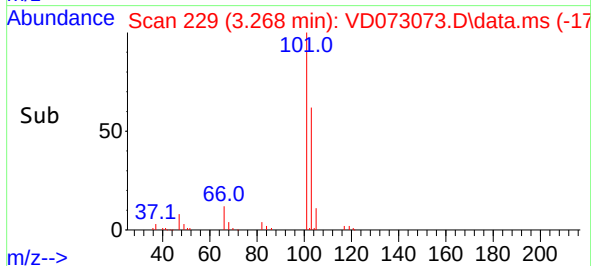
Instrument :
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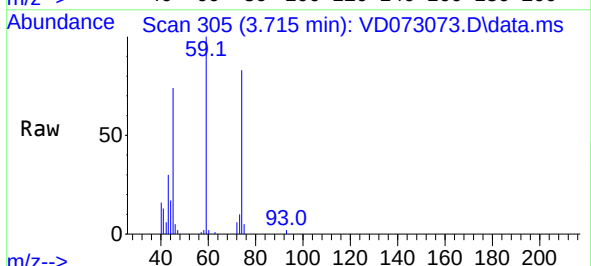
Tgt Ion:101 Resp: 12178
Ion Ratio Lower Upper
101 100
103 62.0 50.1 75.1

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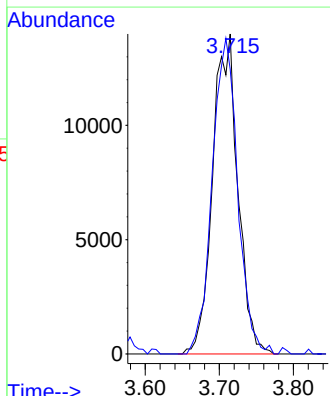
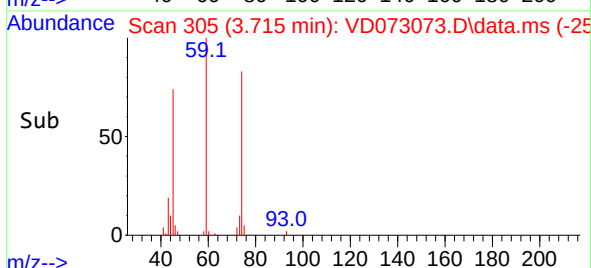
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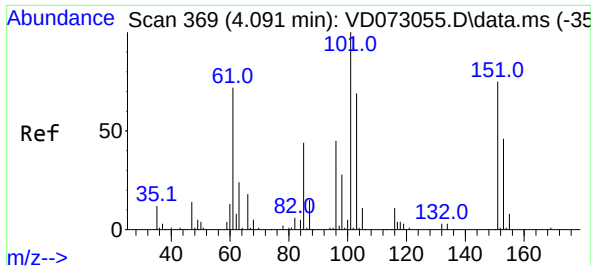


#8
Diethyl Ether
Concen: 19.200 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



Tgt Ion: 74 Resp: 33069
Ion Ratio Lower Upper
74 100
45 100.0 52.6 157.8





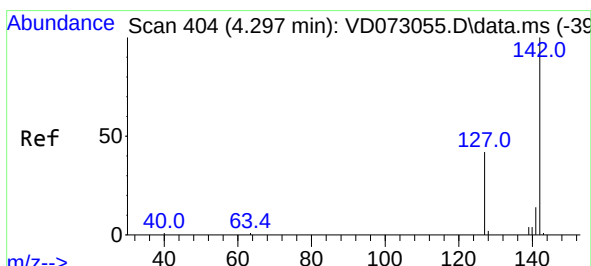
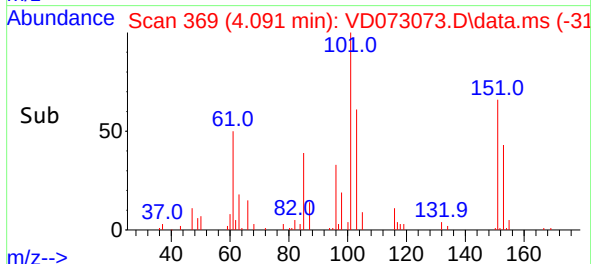
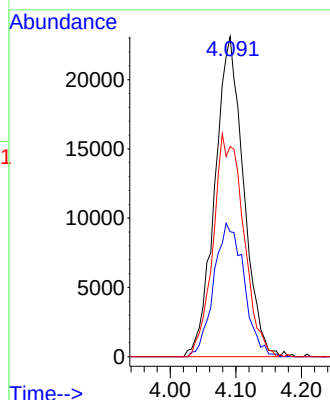
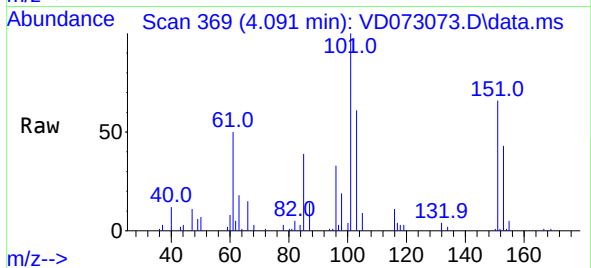
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.792 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02

Tgt Ion:101 Resp: 7004
Ion Ratio Lower Upper
101 100
85 44.0 36.4 54.6
151 73.9 57.3 85.9

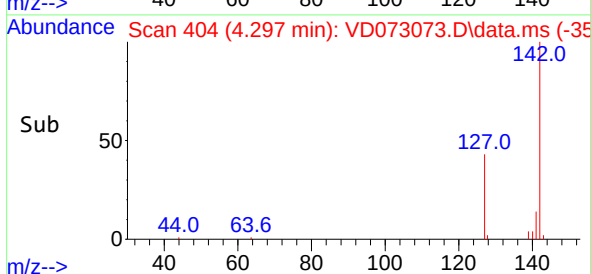
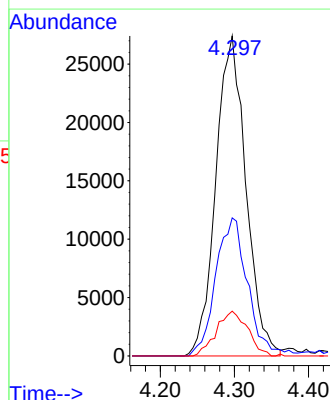
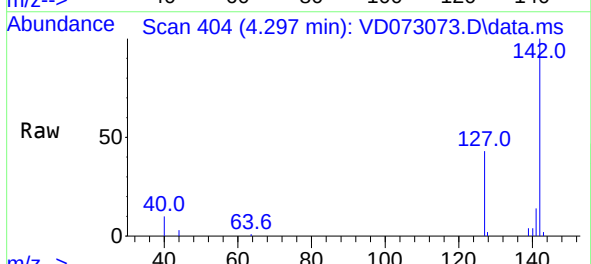
Manual Integrations
APPROVED

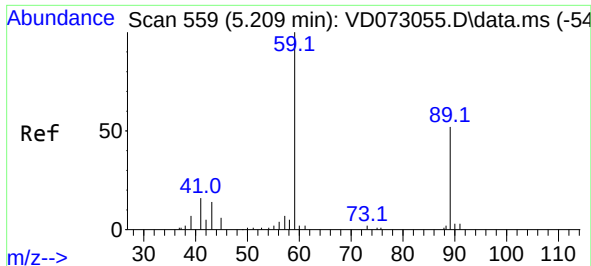
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
Methyl Iodide
Concen: 20.579 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

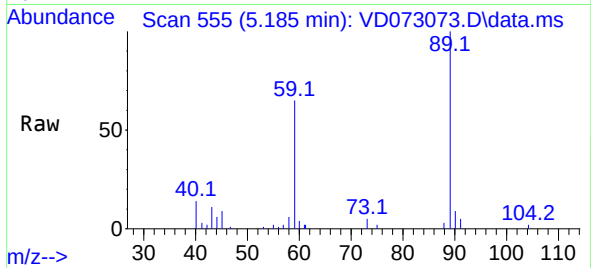
Tgt Ion:142 Resp: 77320
Ion Ratio Lower Upper
142 100
127 45.7 37.3 55.9
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 107.592 ug/l
RT: 5.185 min Scan# 511
Delta R.T. -0.024 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

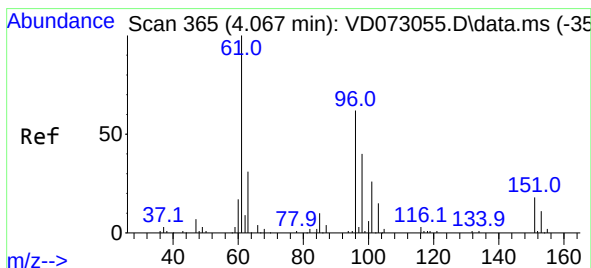
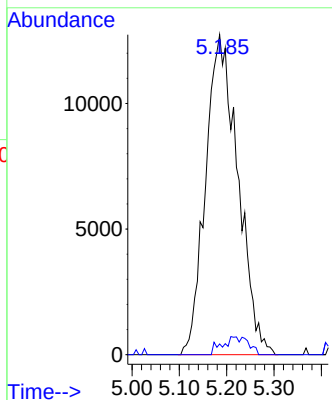
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



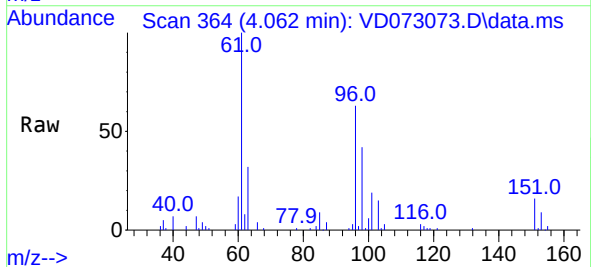
Tgt Ion: 59 Resp: 60379
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6

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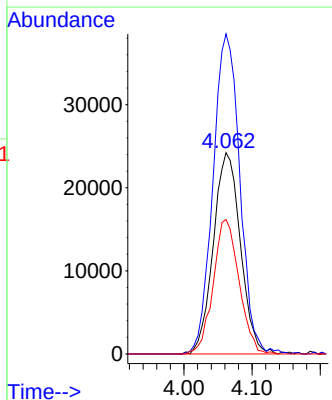
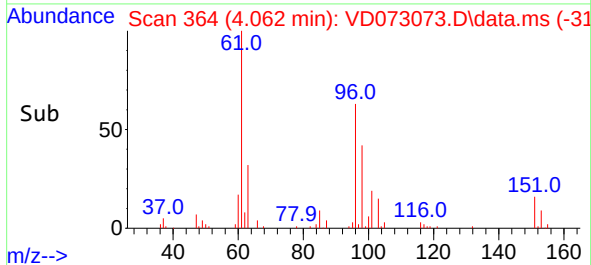
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

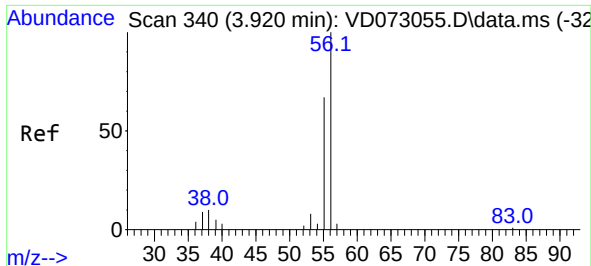


#12
1,1-Dichloroethene
Concen: 19.886 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



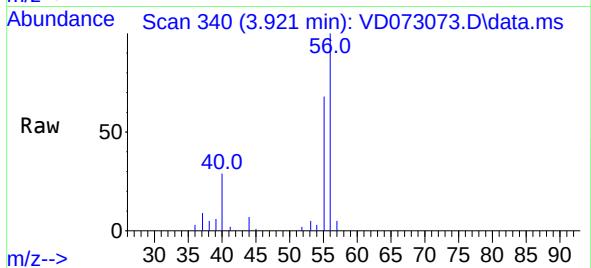
Tgt Ion: 96 Resp: 67027
Ion Ratio Lower Upper
96 100
61 159.0 138.5 207.7
98 66.8 48.6 73.0





#13
Acrolein
Concen: 92.787 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.001 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

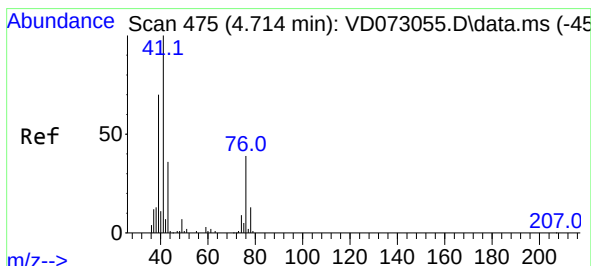
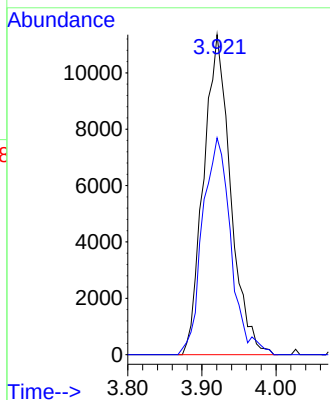
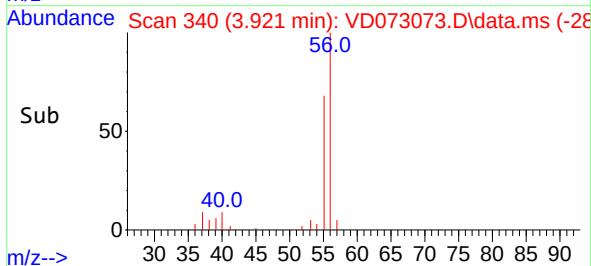
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



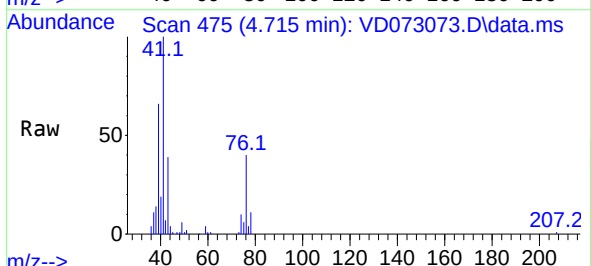
Tgt Ion: 56 Resp: 2881
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7

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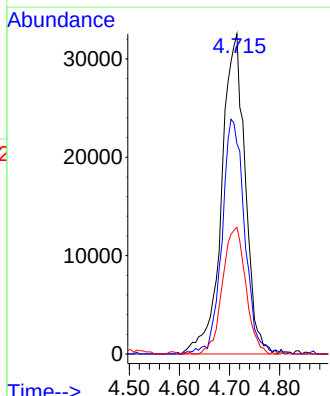
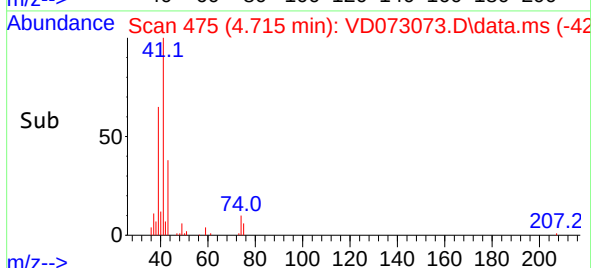
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

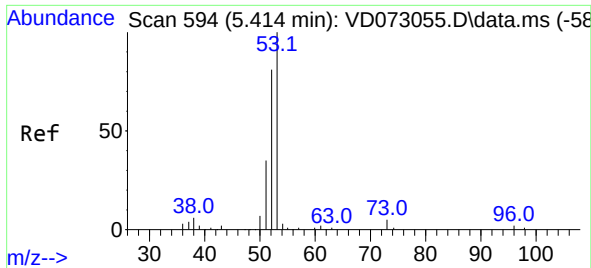


#14
Allyl chloride
Concen: 19.879 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



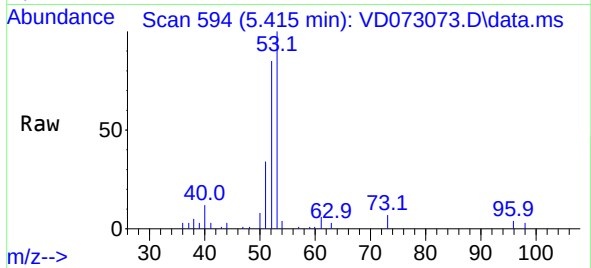
Tgt Ion: 41 Resp: 106156
Ion Ratio Lower Upper
41 100
39 70.8 59.3 88.9
76 39.0 25.7 38.5





#15
Acrylonitrile
Concen: 97.021 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

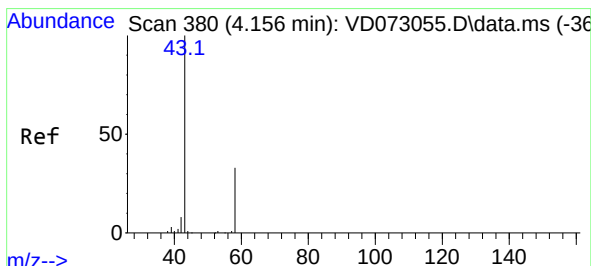
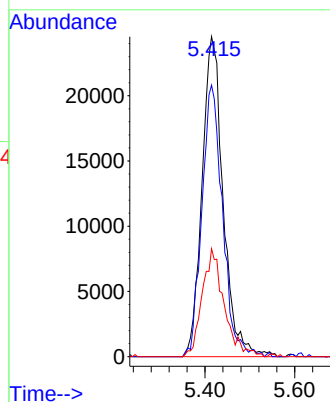
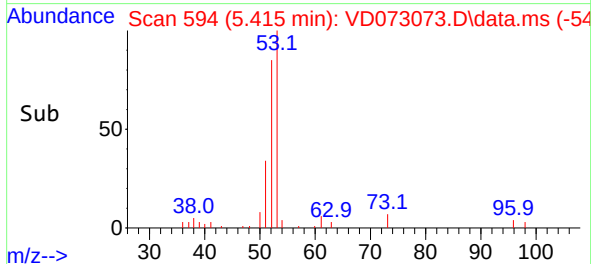
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



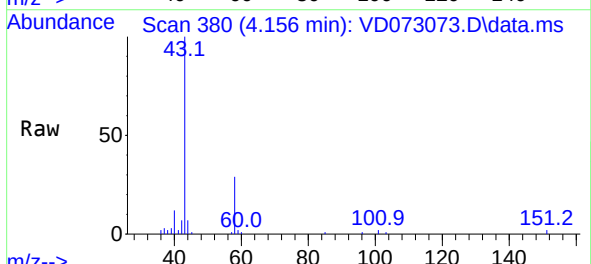
Tgt Ion: 53 Resp: 80089
Ion Ratio Lower Upper
53 100
52 83.2 67.2 100.8
51 35.2 30.3 45.5

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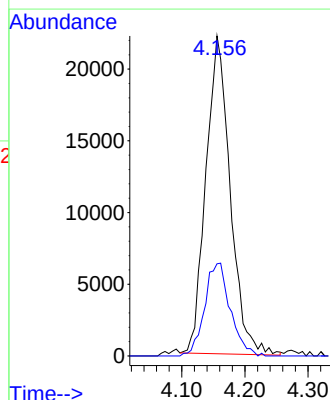
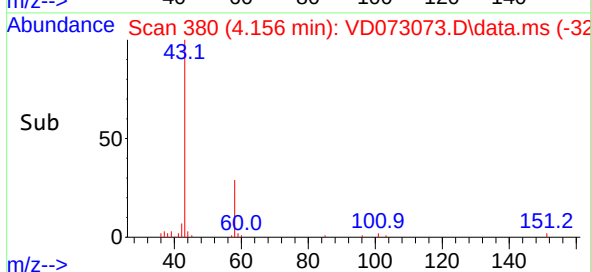
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

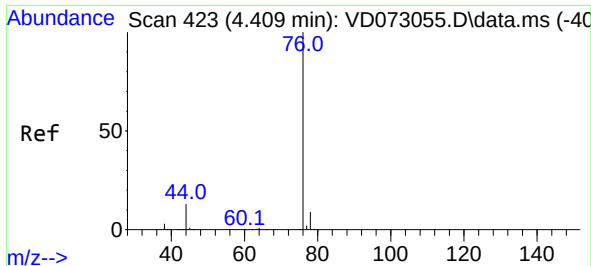


#16
Acetone
Concen: 90.304 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



Tgt Ion: 43 Resp: 59290
Ion Ratio Lower Upper
43 100
58 29.1 22.1 33.1





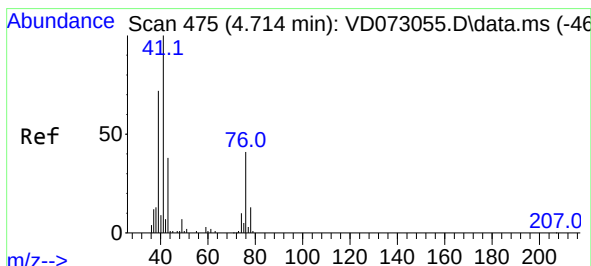
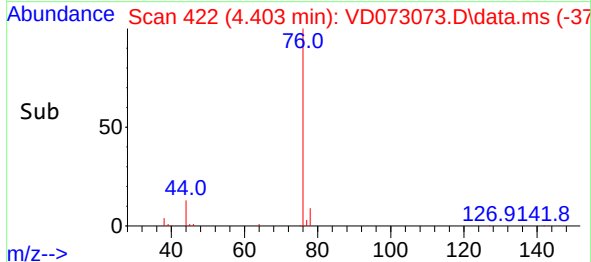
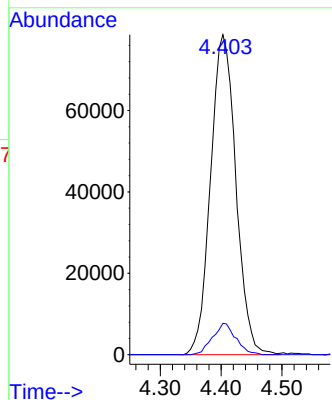
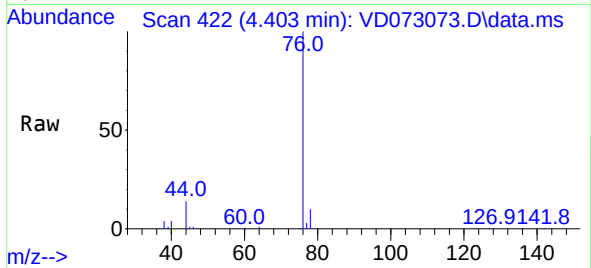
#17
Carbon Disulfide
Concen: 20.151 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion: 76 Resp: 227490
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

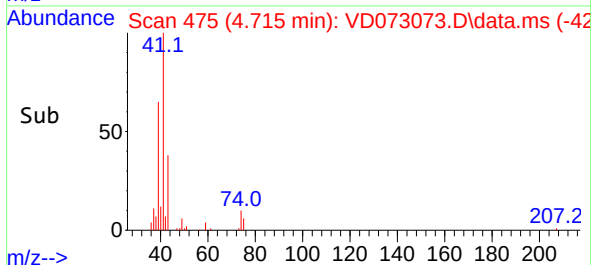
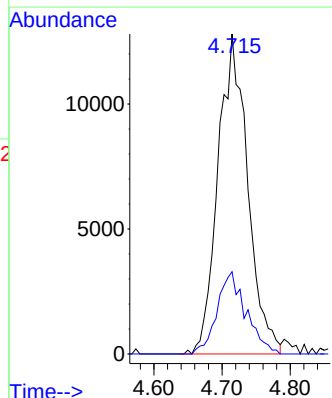
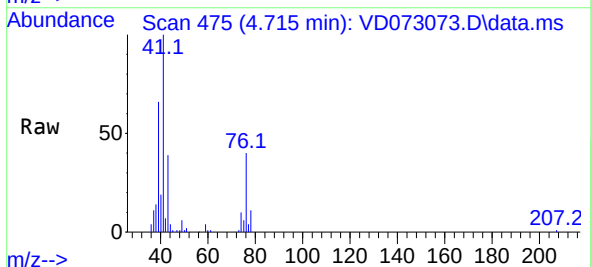
Manual Integrations
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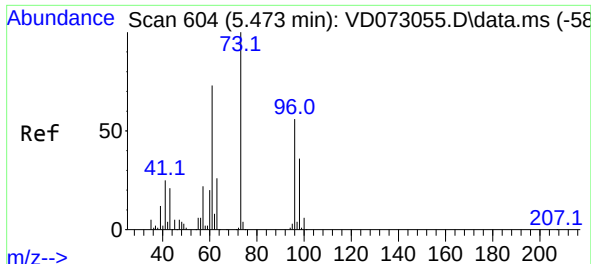
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#18
Methyl Acetate
Concen: 20.415 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.001 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Tgt Ion: 43 Resp: 38710
Ion Ratio Lower Upper
43 100
74 25.1 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 19.611 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073073.D

Acq: 17 May 2022 23:53

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS02

Tgt Ion: 73 Resp: 15458

Ion Ratio Lower Upper

73 100

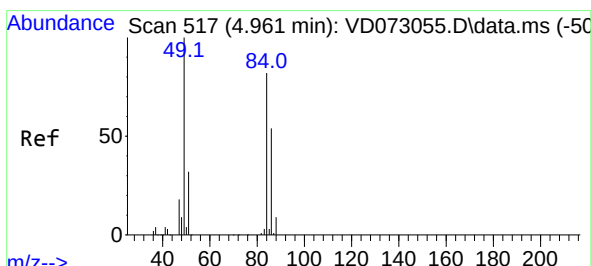
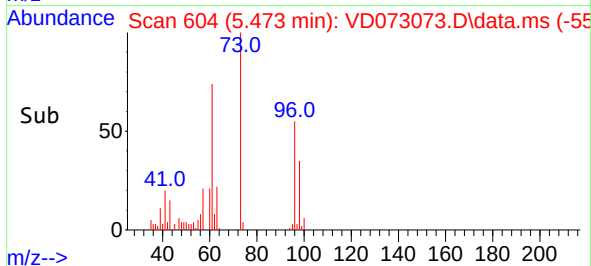
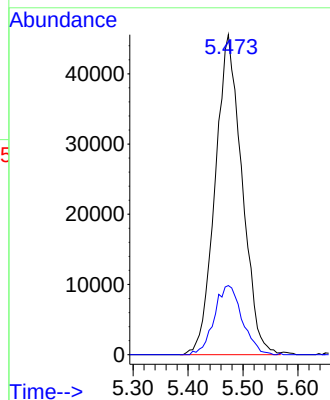
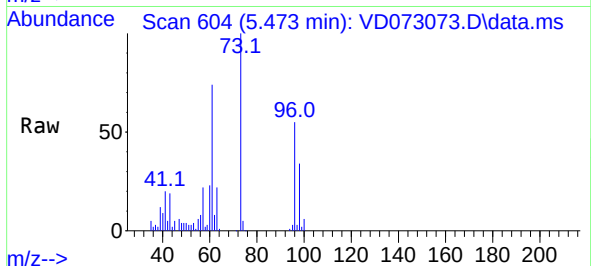
57 21.6 18.0 27.0

Manual Integrations

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Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#20

Methylene Chloride

Concen: 21.685 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073073.D

Acq: 17 May 2022 23:53

Tgt Ion: 84 Resp: 103334

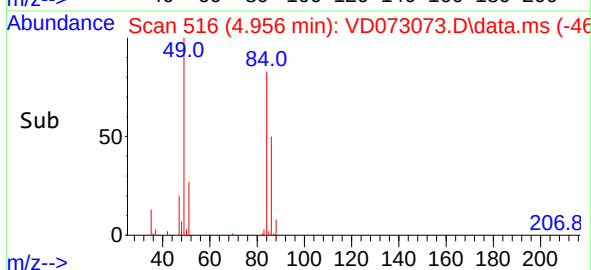
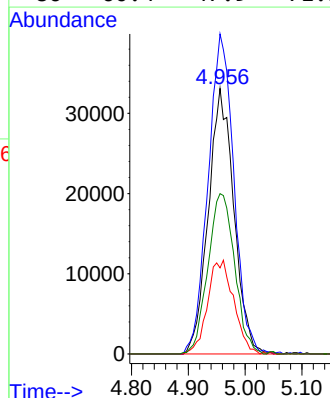
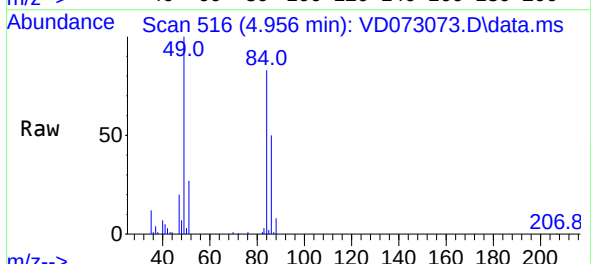
Ion Ratio Lower Upper

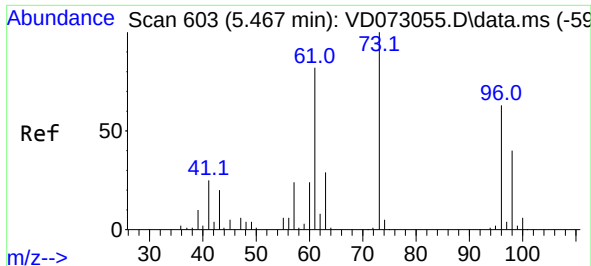
84 100

49 120.5 112.8 169.2

51 32.4 32.6 48.8#

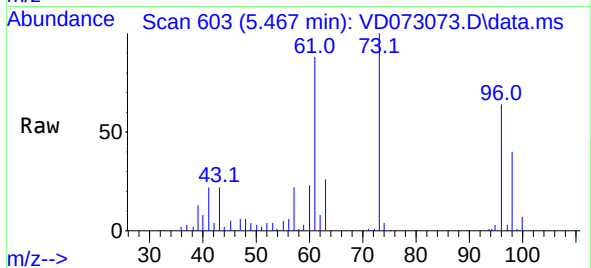
86 60.4 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 20.410 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

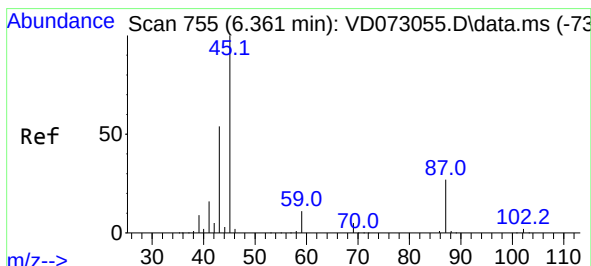
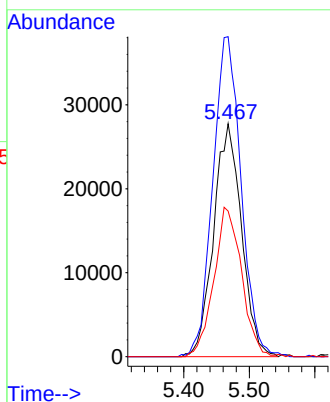
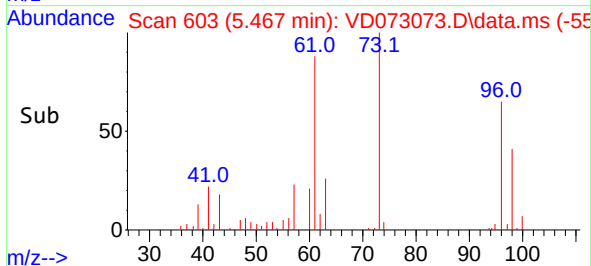
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



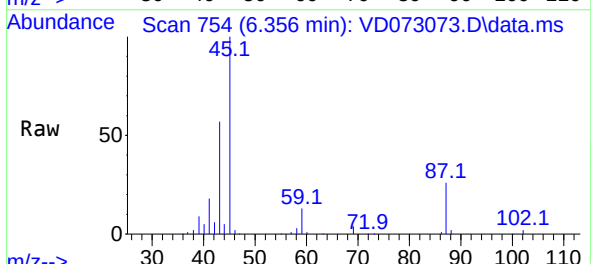
Tgt Ion: 96 Resp: 8183
Ion Ratio Lower Upper
96 100
61 137.4 117.9 176.9
98 62.5 49.4 74.2

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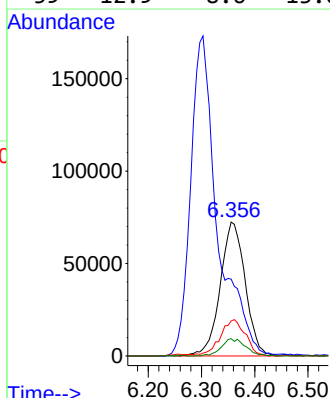
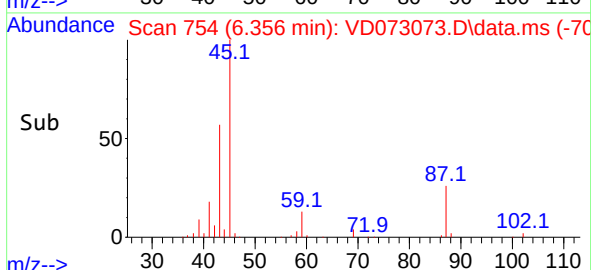
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

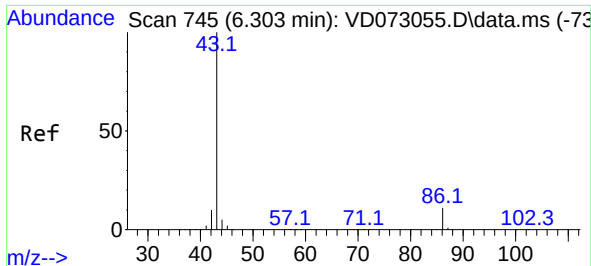


#22
Diisopropyl ether
Concen: 20.600 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



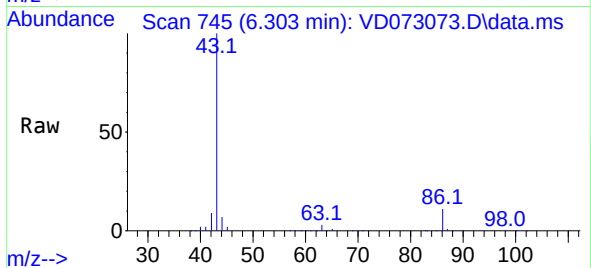
Tgt Ion: 45 Resp: 236127
Ion Ratio Lower Upper
45 100
43 56.1 46.6 70.0
87 26.1 18.4 27.6
59 12.9 8.6 13.0





#23
 Vinyl Acetate
 Concen: 98.092 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073073.D
 Acq: 17 May 2022 23:53

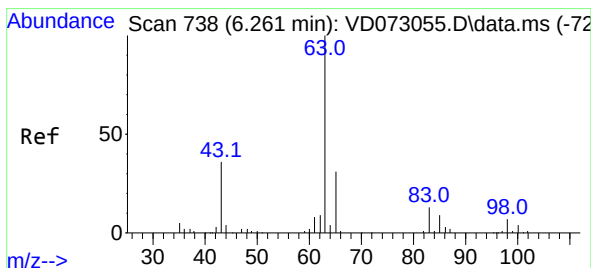
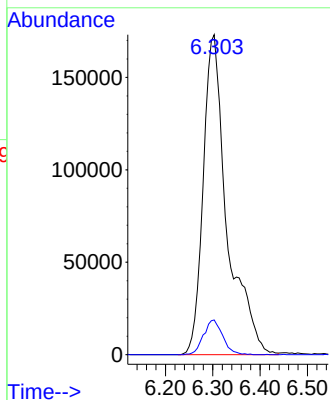
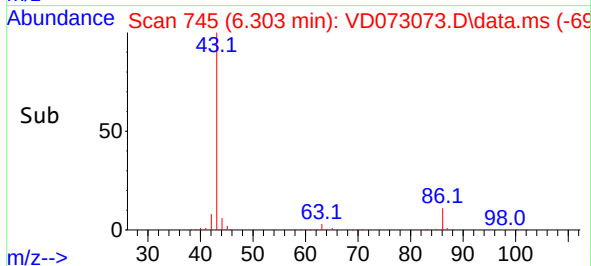
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBSD02



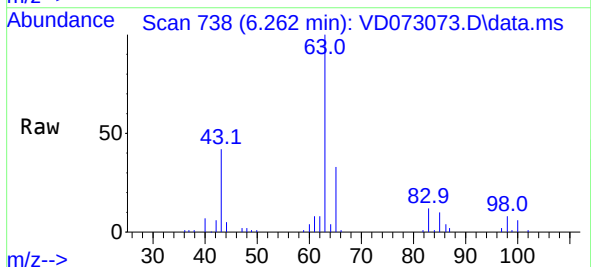
Tgt Ion: 43 Resp: 607400
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

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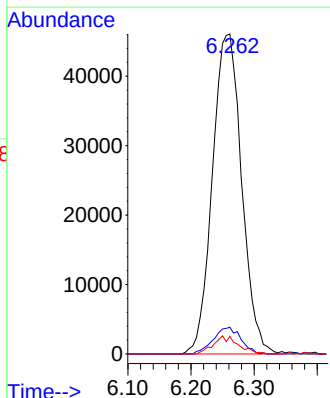
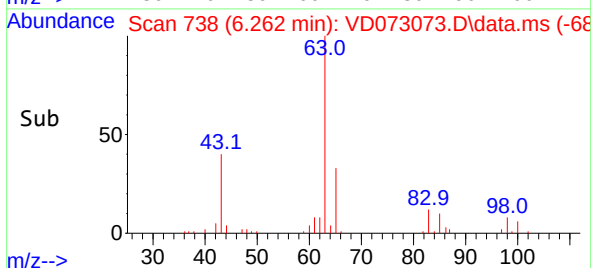
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

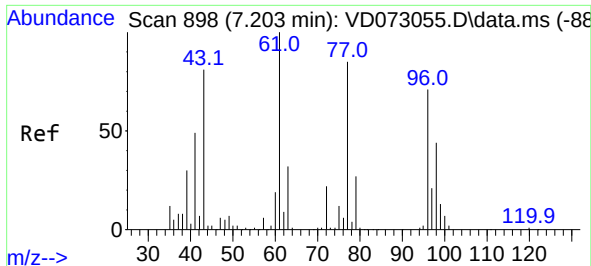


#24
 1,1-Dichloroethane
 Concen: 20.781 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073073.D
 Acq: 17 May 2022 23:53



Tgt Ion: 63 Resp: 148186
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.9
 100 5.5 2.1 6.5





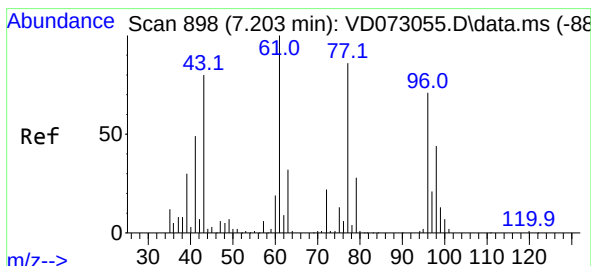
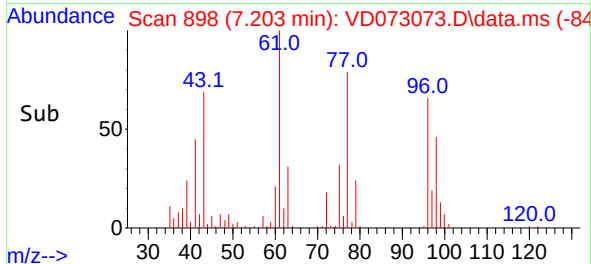
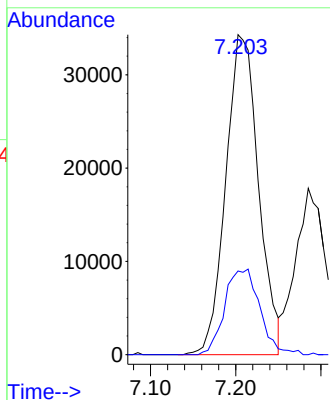
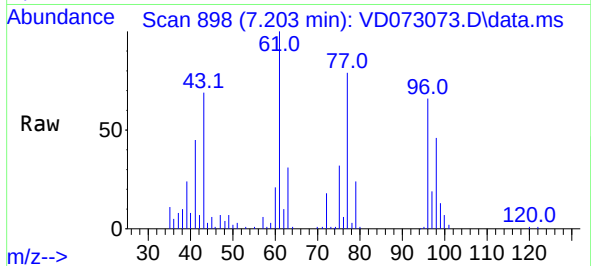
#25
2-Butanone
Concen: 92.133 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02

Tgt Ion: 43 Resp: 91599
Ion Ratio Lower Upper
43 100
72 26.1 18.6 27.8

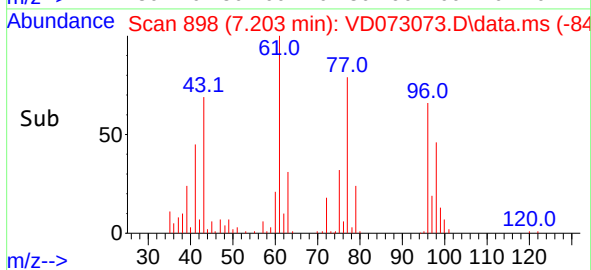
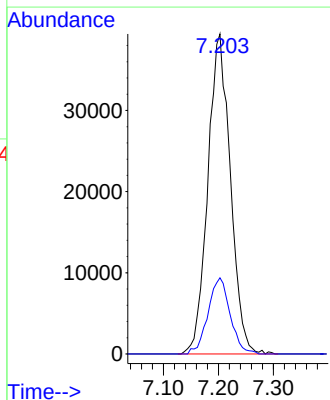
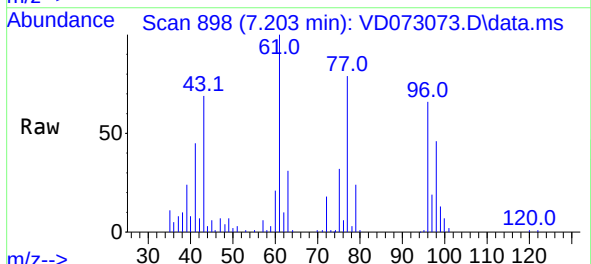
Manual Integrations
APPROVED

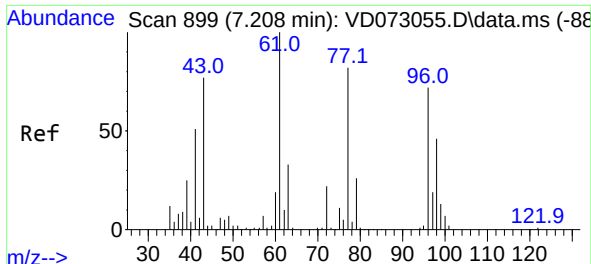
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#26
2,2-Dichloropropane
Concen: 18.615 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Tgt Ion: 77 Resp: 112387
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.4





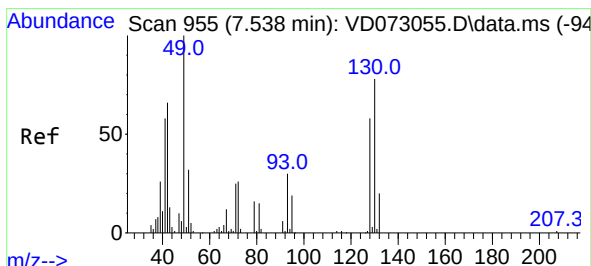
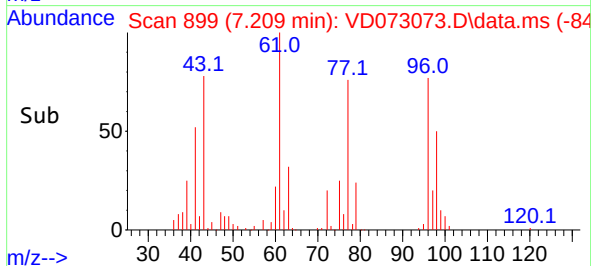
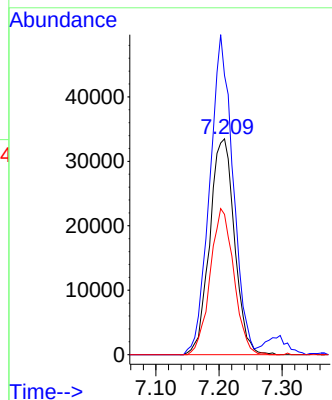
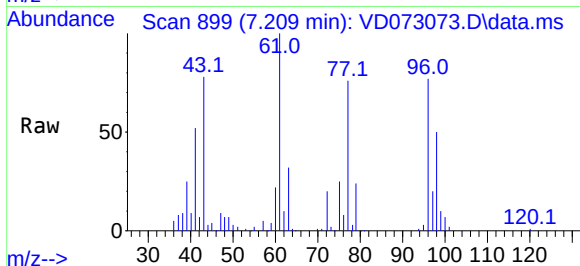
#27
 cis-1,2-Dichloroethene
 Concen: 20.633 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073073.D
 Acq: 17 May 2022 23:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBSD02

Tgt Ion: 96 Resp: 91227
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 313.8
 98 64.8 0.0 128.8

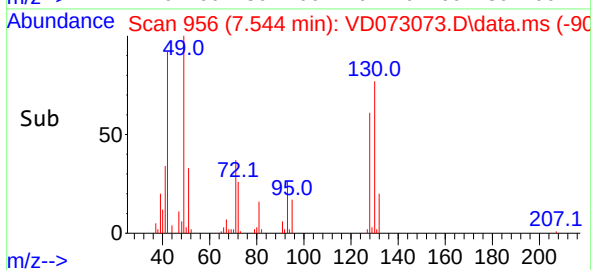
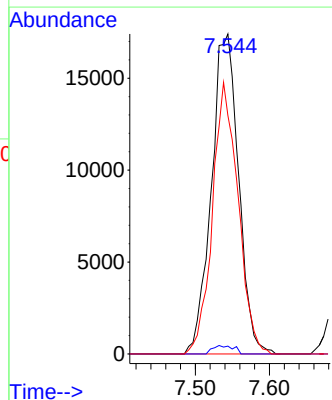
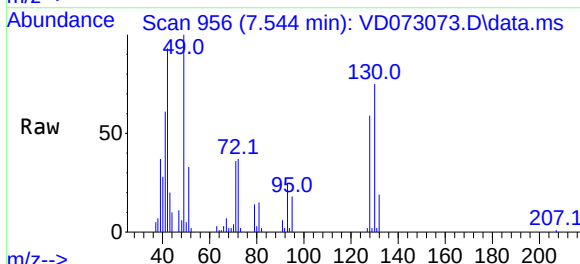
Manual Integrations
 APPROVED

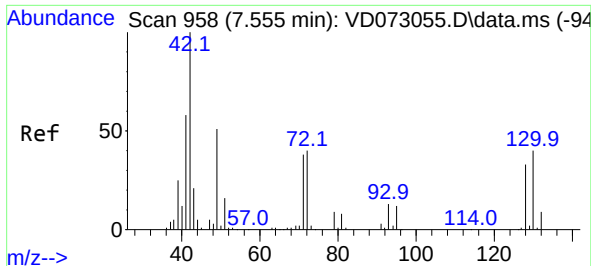
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#28
 Bromochloromethane
 Concen: 18.179 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VD073073.D
 Acq: 17 May 2022 23:53

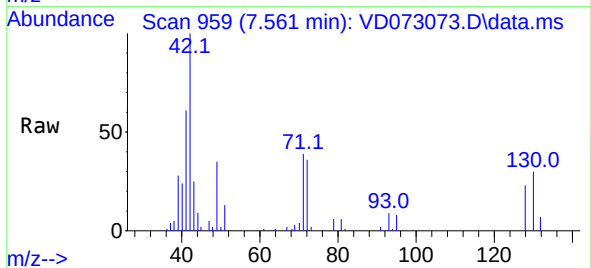
Tgt Ion: 49 Resp: 44405
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 79.9 52.6 79.0#





#29
Tetrahydrofuran
Concen: 95.853 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

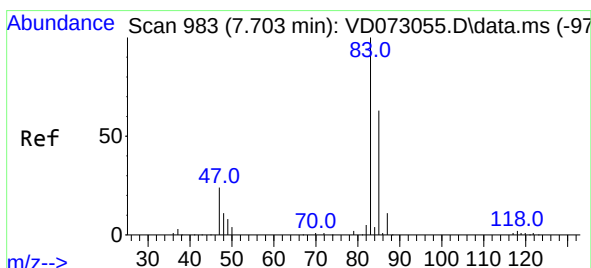
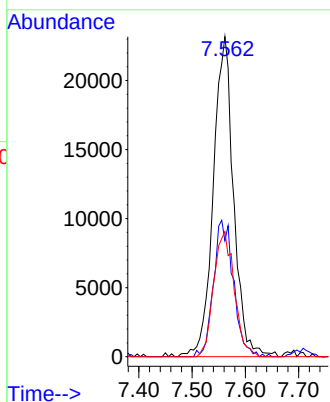
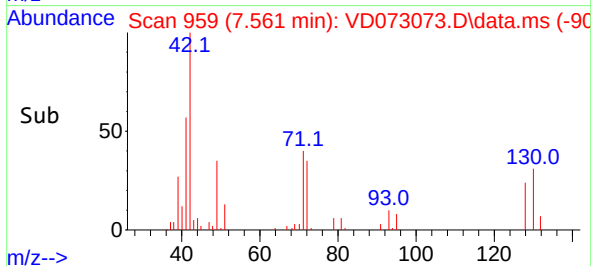
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



Tgt Ion: 42 Resp: 6132
Ion Ratio Lower Upper
42 100
72 41.9 30.7 46.1
71 39.6 28.6 43.0

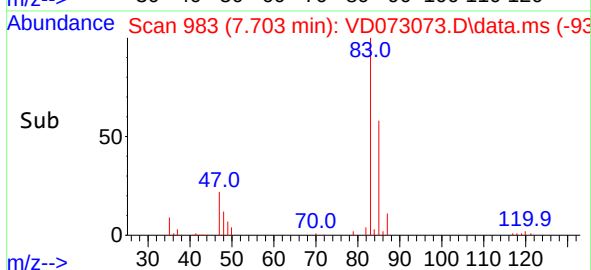
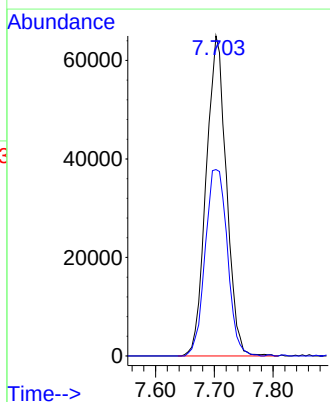
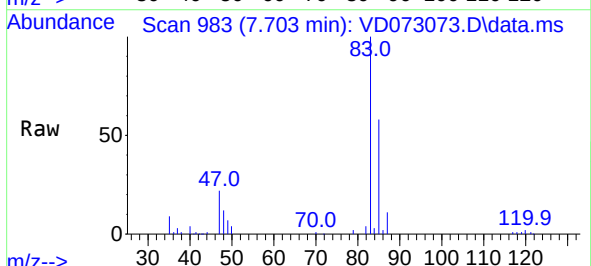
Manual Integrations
APPROVED

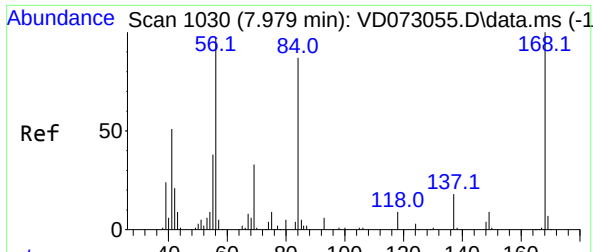
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#30
Chloroform
Concen: 20.311 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

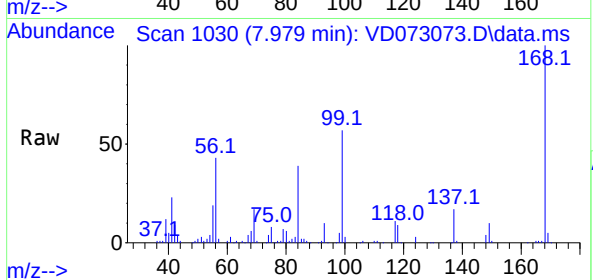
Tgt Ion: 83 Resp: 154972
Ion Ratio Lower Upper
83 100
85 58.3 52.7 79.1





#31
Cyclohexane
Concen: 18.939 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

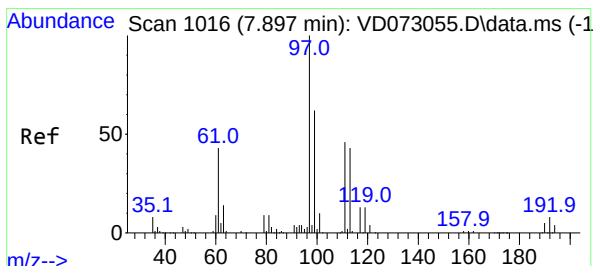
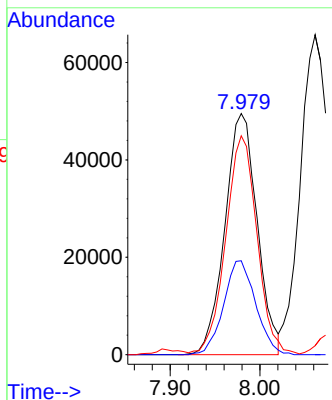
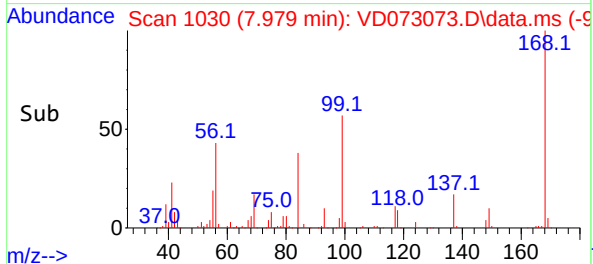
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



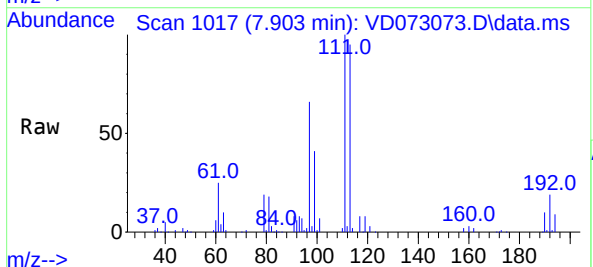
Tgt Ion: 56 Resp: 123772
Ion Ratio Lower Upper
56 100
69 38.9 25.4 38.2
84 89.1 63.0 94.4

Manual Integrations
APPROVED

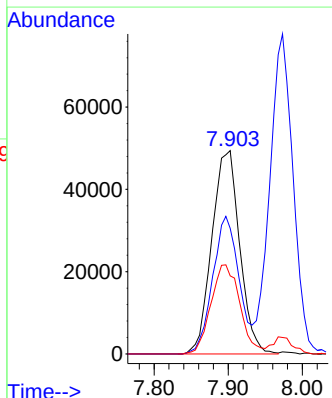
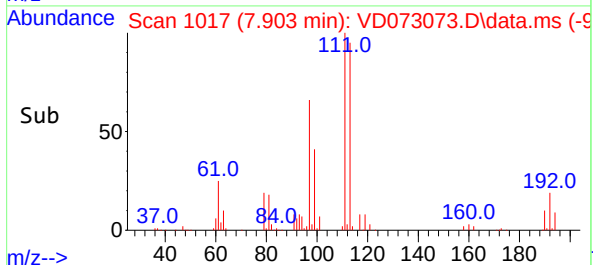
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

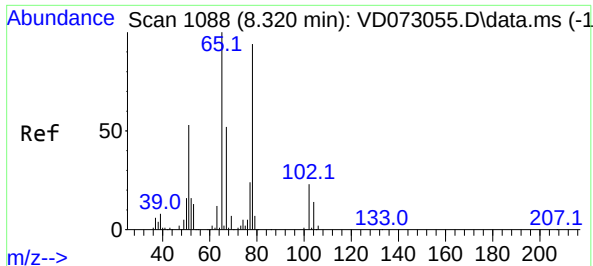


#32
1,1,1-Trichloroethane
Concen: 19.738 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



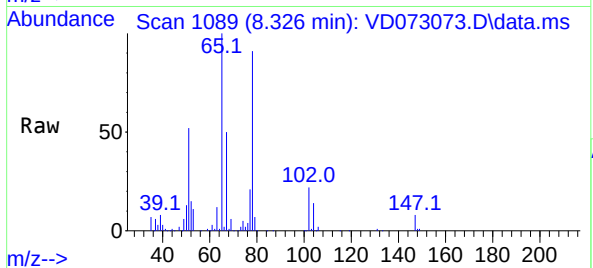
Tgt Ion: 97 Resp: 129026
Ion Ratio Lower Upper
97 100
99 64.2 52.4 78.6
61 45.7 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 48.978 ug/l
RT: 8.326 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

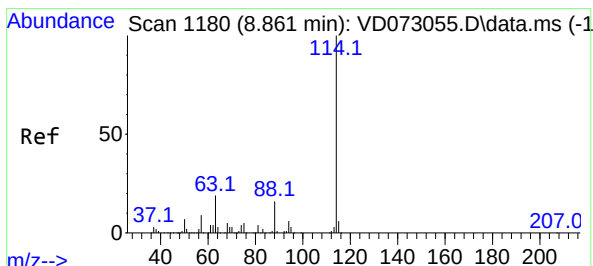
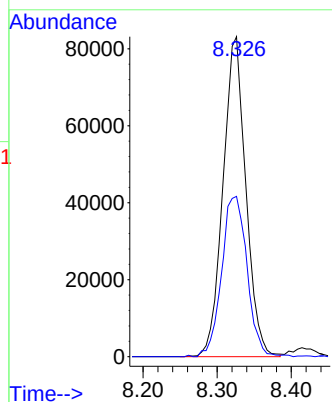
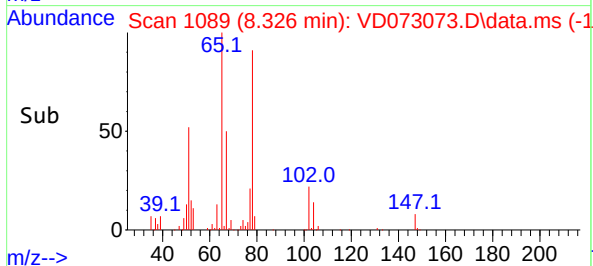
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



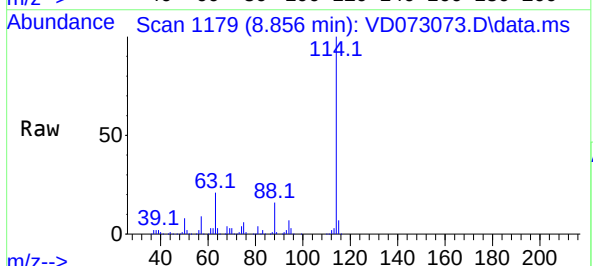
Tgt Ion: 65 Resp: 177700
Ion Ratio Lower Upper
65 100
67 55.8 0.0 101.4

Manual Integrations
APPROVED

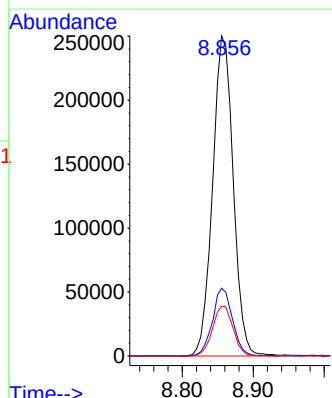
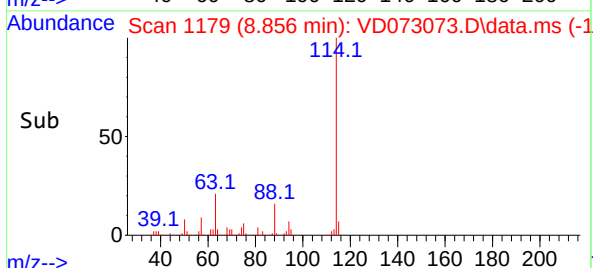
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

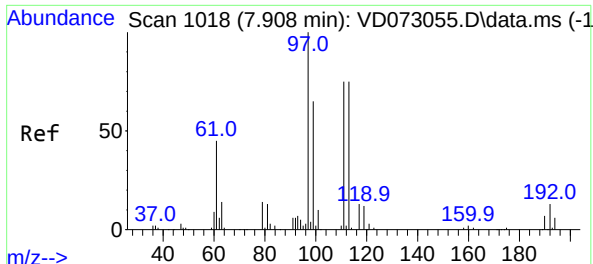


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



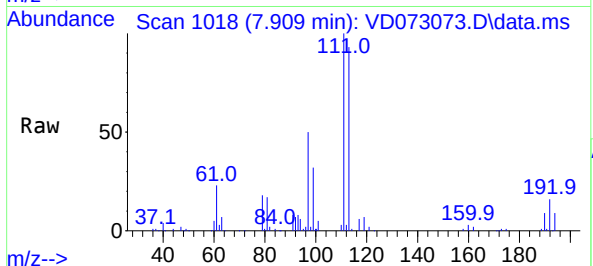
Tgt Ion:114 Resp: 505037
Ion Ratio Lower Upper
114 100
63 21.1 0.0 46.6
88 15.6 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.586 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

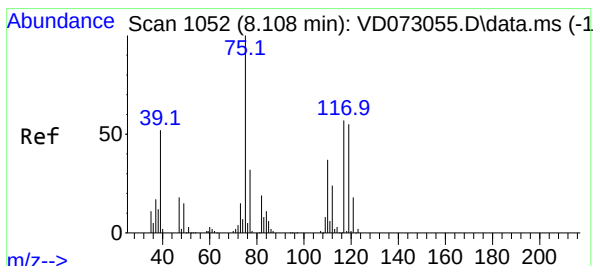
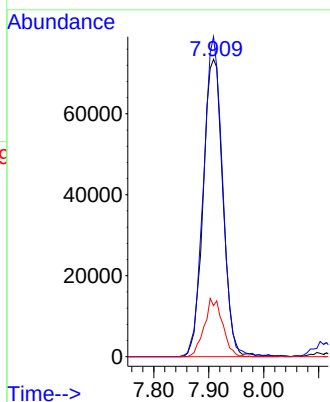
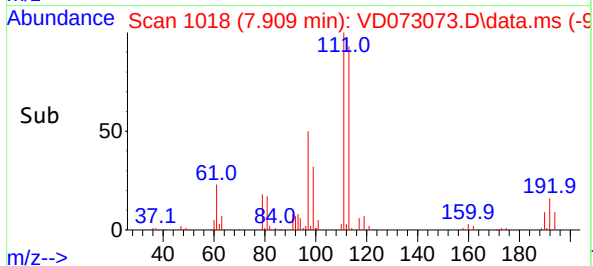
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



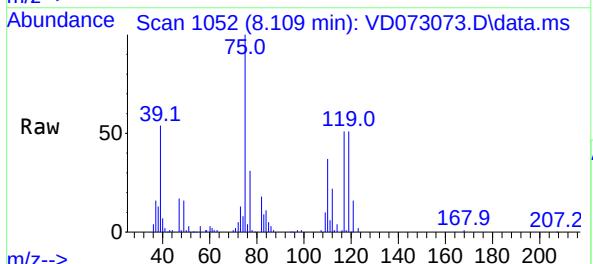
Tgt Ion:113 Resp: 182920
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 18.2 14.6 21.8

Manual Integrations
APPROVED

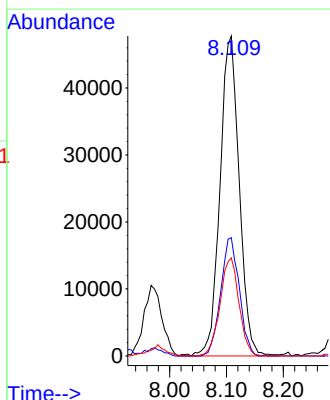
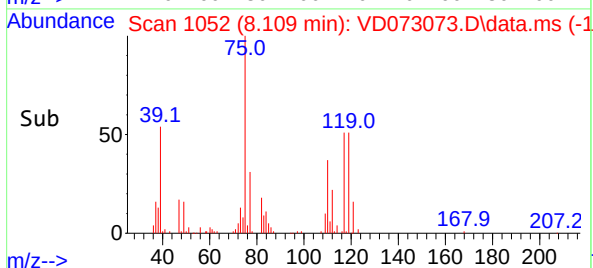
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

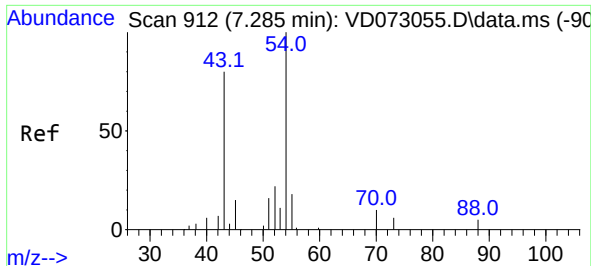


#36
1,1-Dichloropropene
Concen: 19.485 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



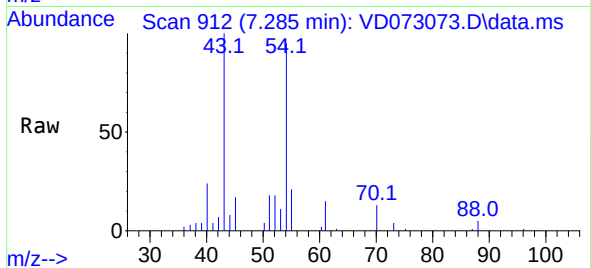
Tgt Ion: 75 Resp: 112580
Ion Ratio Lower Upper
75 100
110 35.6 16.4 49.1
77 30.1 24.2 36.2





#37
Ethyl Acetate
Concen: 19.544 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

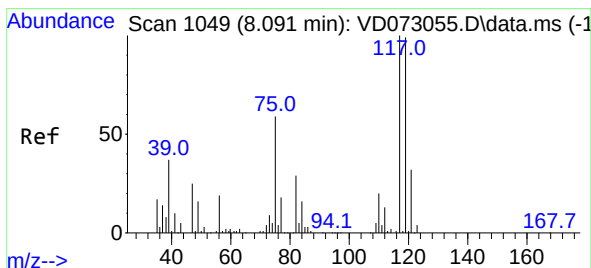
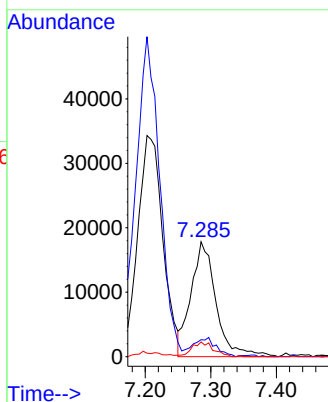
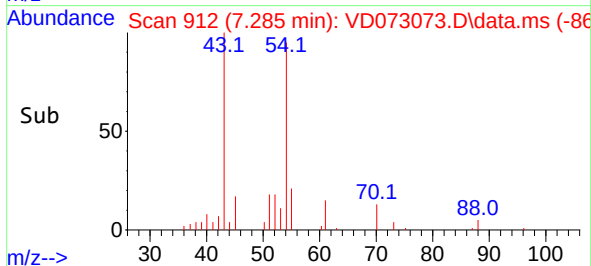
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



Tgt Ion: 43 Resp: 47424
Ion Ratio Lower Upper
43 100
61 14.5 9.8 14.8
70 10.8 6.9 10.3

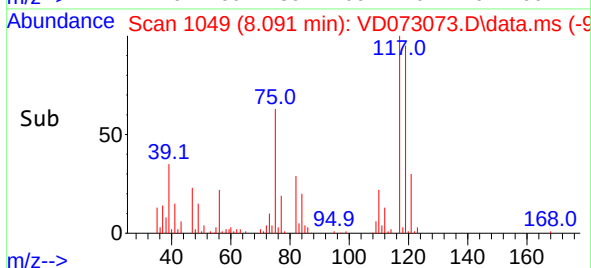
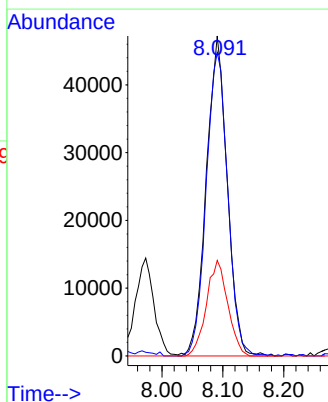
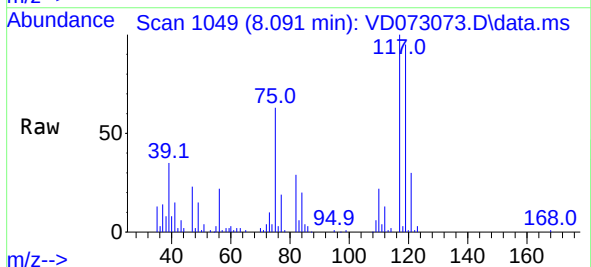
Manual Integrations
APPROVED

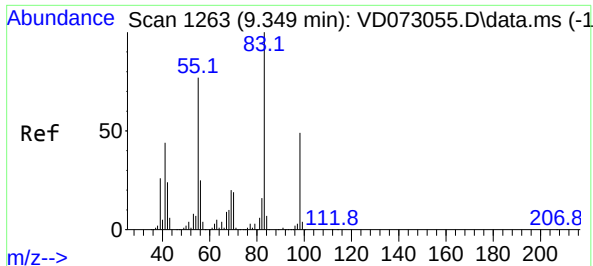
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#38
Carbon Tetrachloride
Concen: 19.066 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Tgt Ion:117 Resp: 112700
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.6
121 29.9 24.5 36.7





#39

Methylcyclohexane

Concen: 17.422 ug/l

RT: 9.350 min Scan# 11737

Delta R.T. 0.000 min

Lab File: VD073073.D

Acq: 17 May 2022 23:53

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS02

Tgt Ion: 83 Resp: 11737

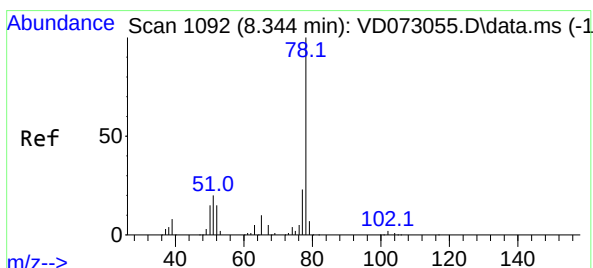
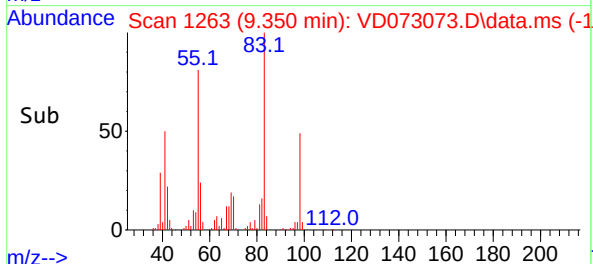
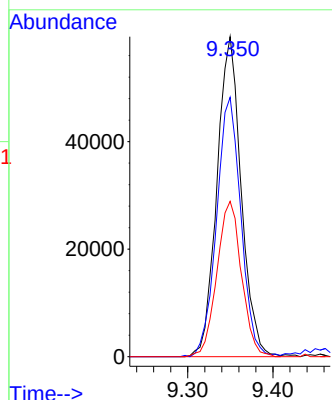
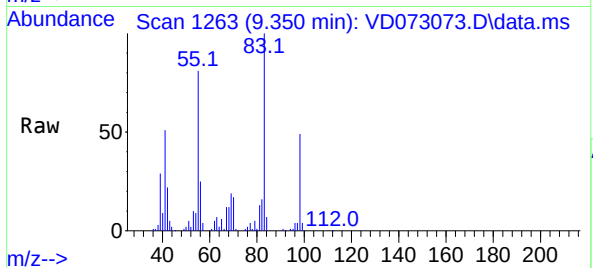
Ion	Ratio	Lower	Upper
83	100		
55	81.0	63.2	94.8
98	48.5	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Benzene

Concen: 20.243 ug/l

RT: 8.344 min Scan# 1092

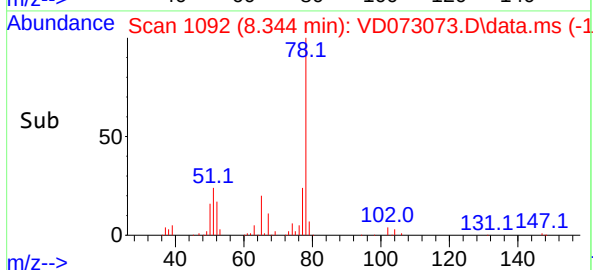
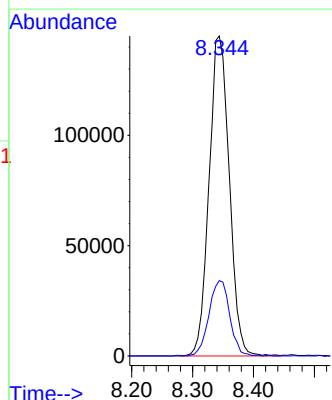
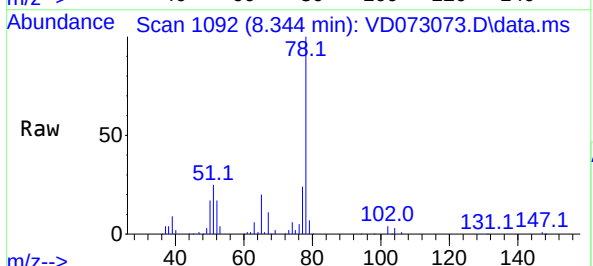
Delta R.T. 0.000 min

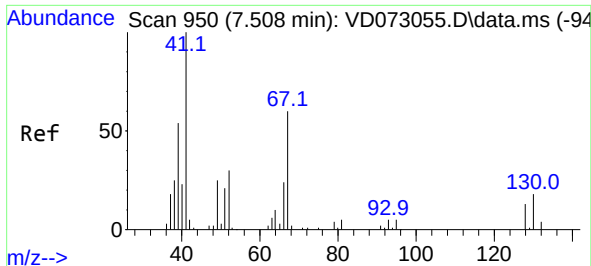
Lab File: VD073073.D

Acq: 17 May 2022 23:53

Tgt Ion: 78 Resp: 334425

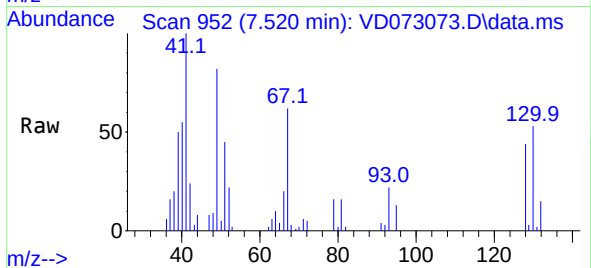
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





#41
Methacrylonitrile
Concen: 18.860 ug/l
RT: 7.520 min Scan# 911
Delta R.T. 0.012 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

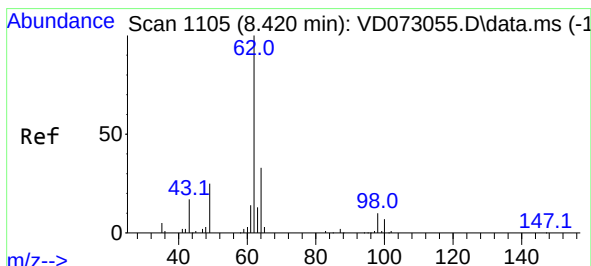
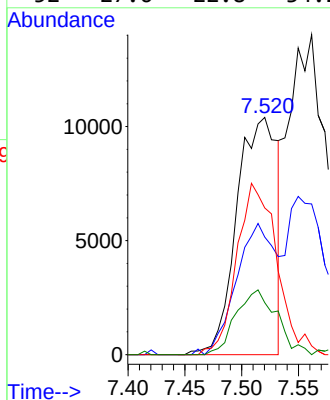
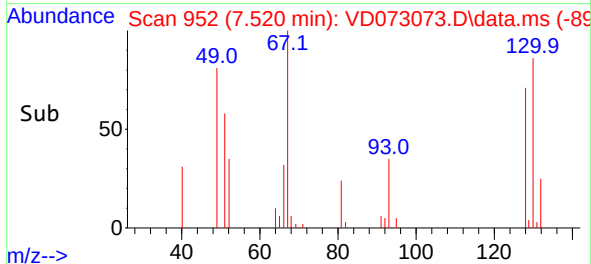
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



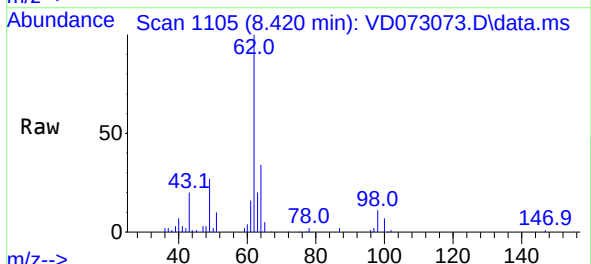
Tgt Ion: 41 Resp: 2580
Ion Ratio Lower Upper
41 100
39 53.1 44.6 67.0
67 71.6 48.2 72.4
52 27.6 22.8 34.2

Manual Integrations
APPROVED

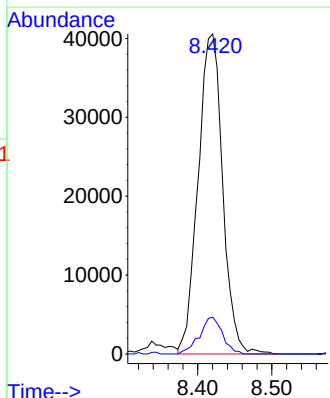
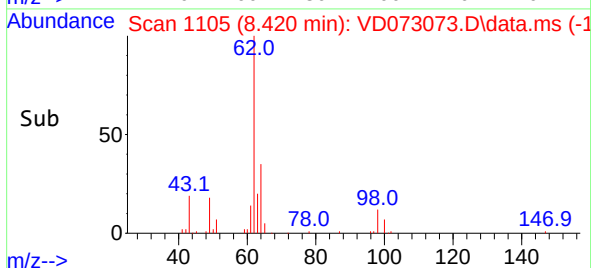
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

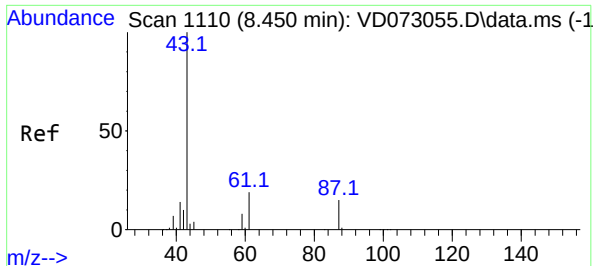


#42
1,2-Dichloroethane
Concen: 19.436 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



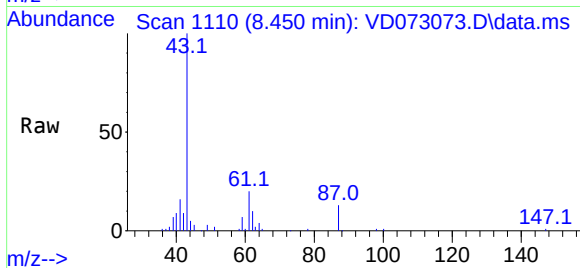
Tgt Ion: 62 Resp: 93459
Ion Ratio Lower Upper
62 100
98 10.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.795 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

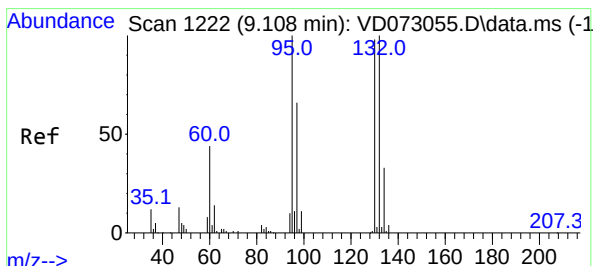
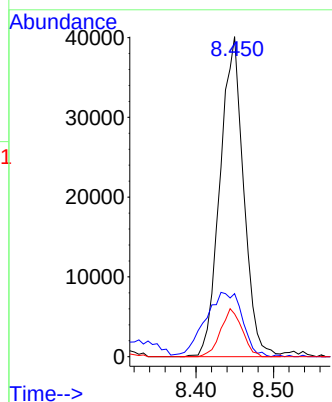
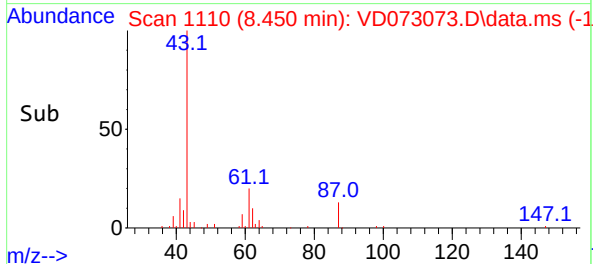
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



Tgt Ion: 43 Resp: 84790
Ion Ratio Lower Upper
43 100
61 31.6 22.4 33.6
87 13.7 8.7 13.1

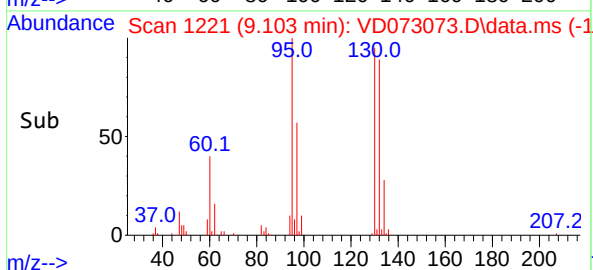
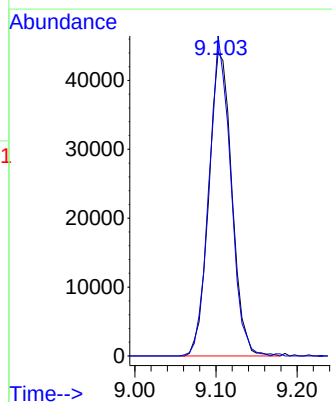
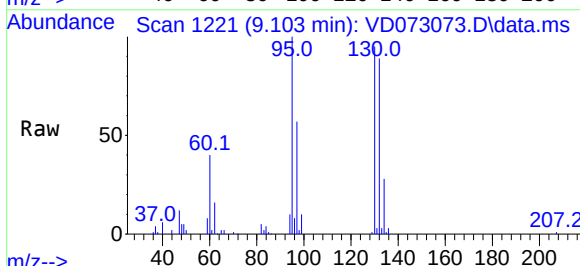
Manual Integrations
APPROVED

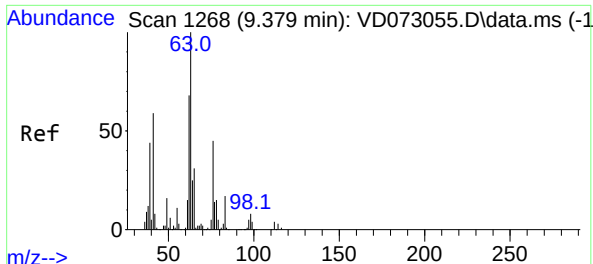
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#44
Trichloroethene
Concen: 19.518 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

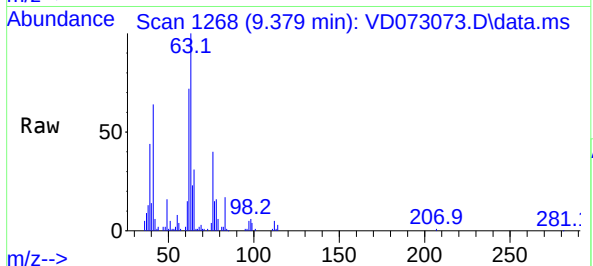
Tgt Ion:130 Resp: 87218
Ion Ratio Lower Upper
130 100
95 105.4 0.0 205.4





#45
1,2-Dichloropropane
Concen: 19.108 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

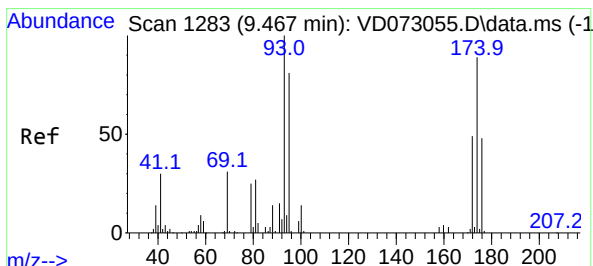
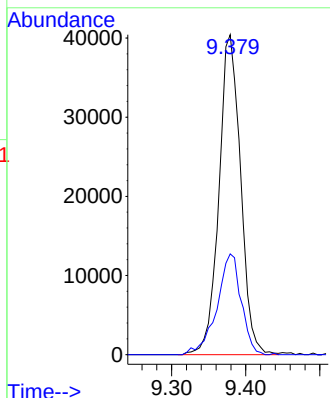
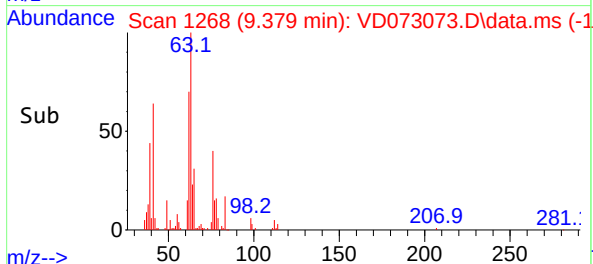
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



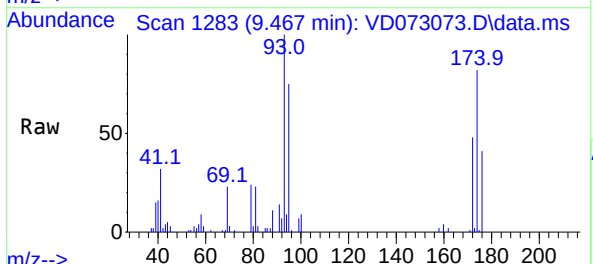
Tgt Ion: 63 Resp: 8197
Ion Ratio Lower Upper
63 100
65 31.5 26.2 39.4

Manual Integrations
APPROVED

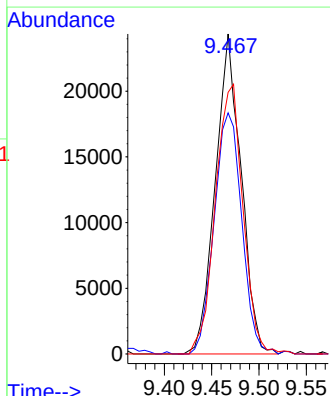
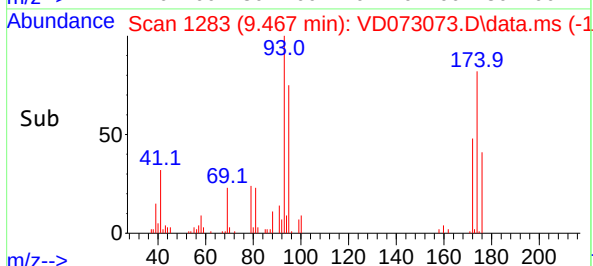
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

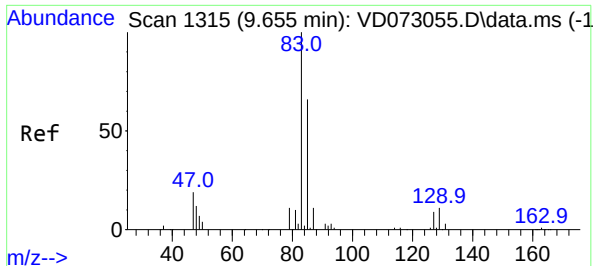


#46
Dibromomethane
Concen: 19.433 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



Tgt Ion: 93 Resp: 46101
Ion Ratio Lower Upper
93 100
95 81.0 66.7 100.1
174 90.7 71.6 107.4





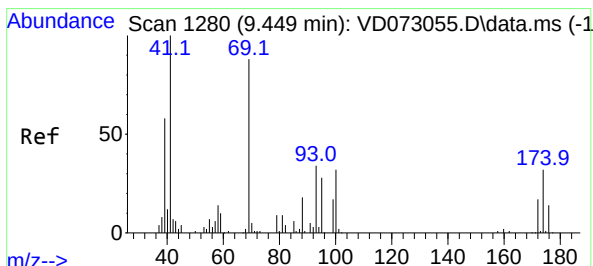
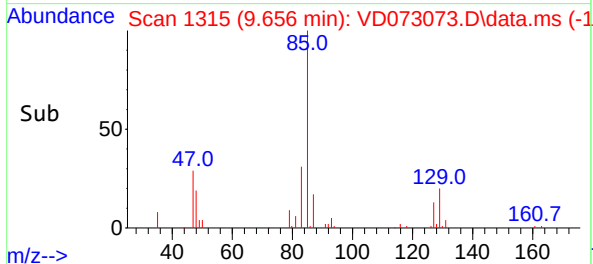
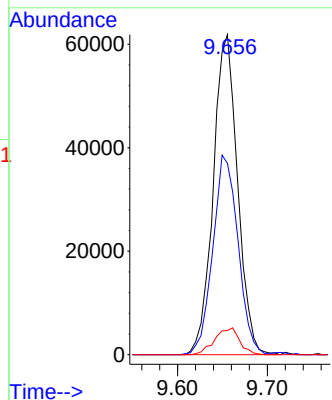
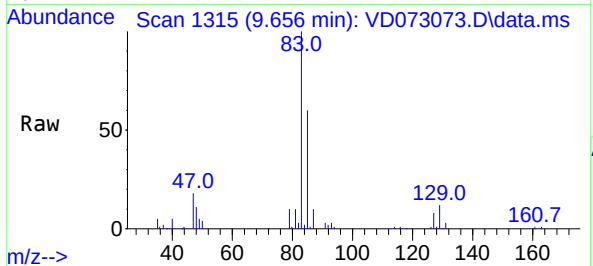
#47
Bromodichloromethane
Concen: 19.340 ug/l
RT: 9.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02

Tgt Ion: 83 Resp: 116529
Ion Ratio Lower Upper
83 100
85 59.8 51.4 77.0
127 7.6 6.1 9.1

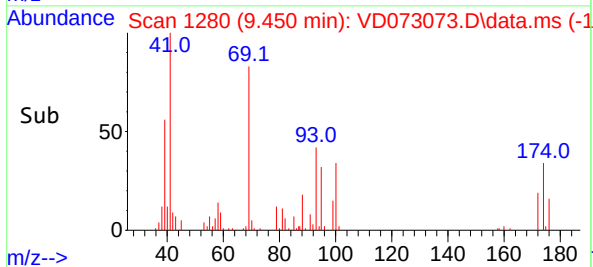
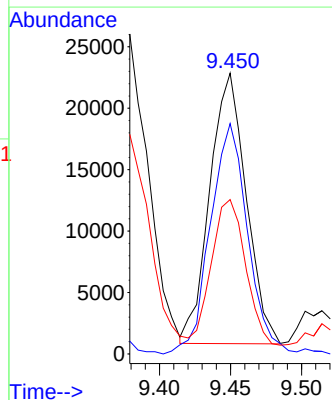
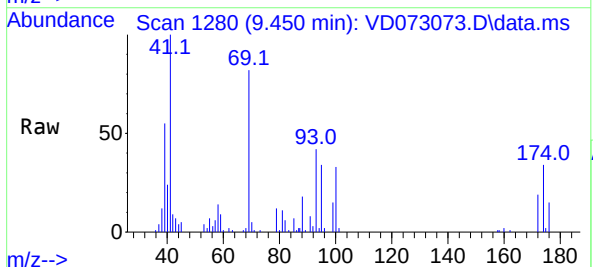
Manual Integrations
APPROVED

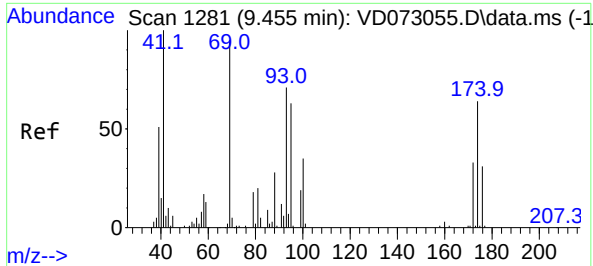
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#48
Methyl methacrylate
Concen: 17.529 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Tgt Ion: 41 Resp: 39225
Ion Ratio Lower Upper
41 100
69 87.4 56.7 85.1#
39 50.3 42.7 64.1





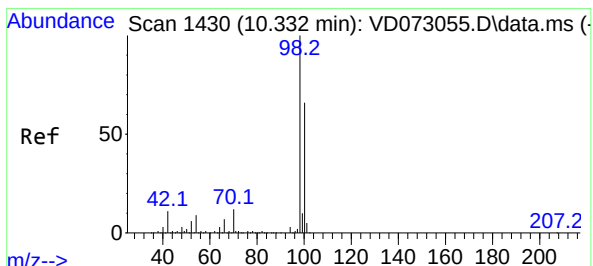
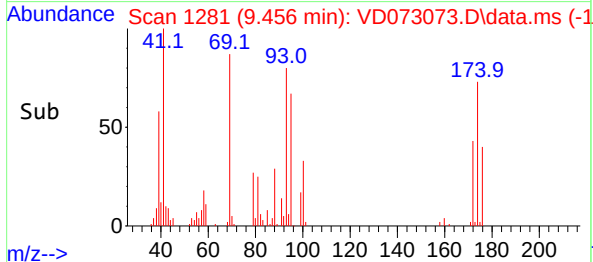
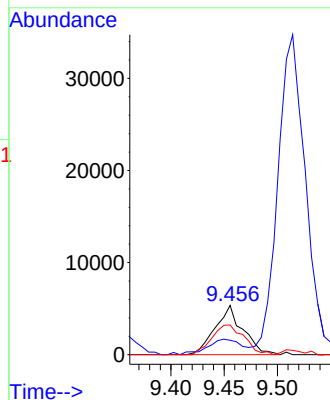
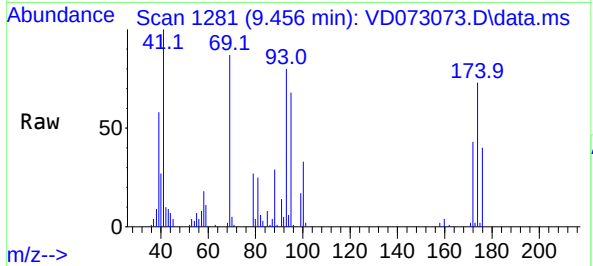
#49
1,4-Dioxane
Concen: 390.146 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02

Tgt Ion: 88 Resp: 9630
Ion Ratio Lower Upper
88 100
43 39.4 31.0 46.4
58 70.8 58.1 87.1

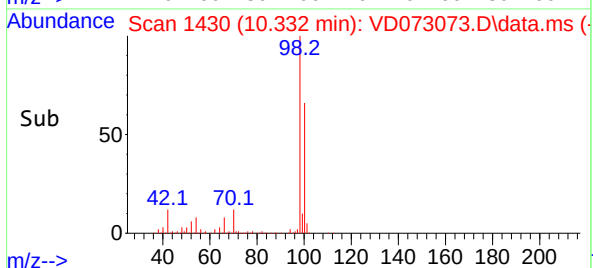
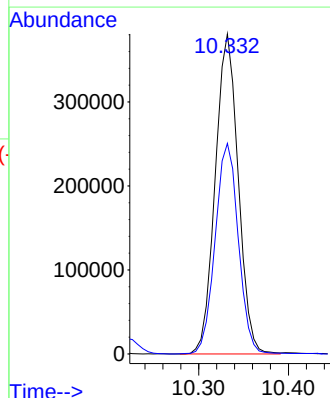
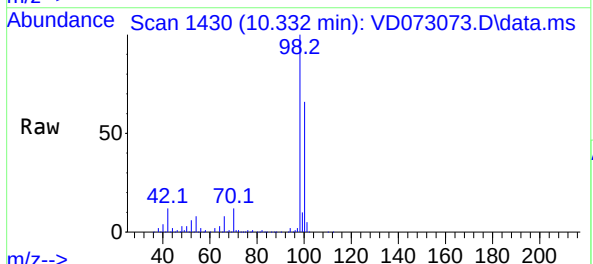
Manual Integrations
APPROVED

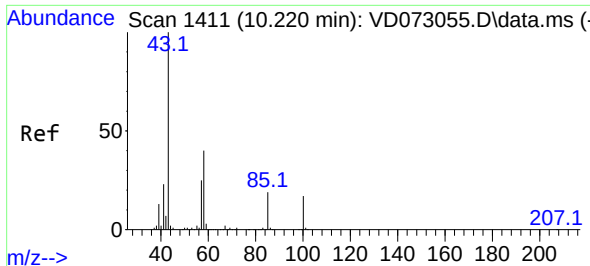
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#50
Toluene-d8
Concen: 52.683 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

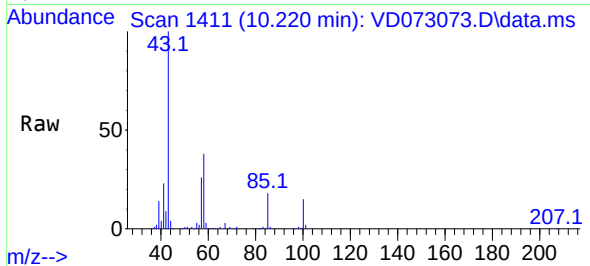
Tgt Ion: 98 Resp: 677706
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 92.616 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

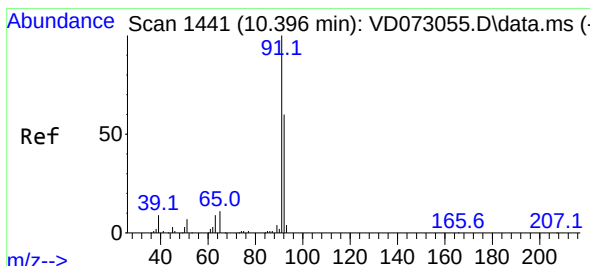
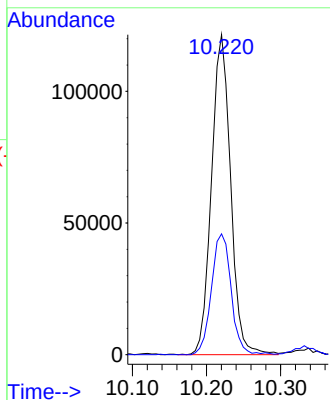
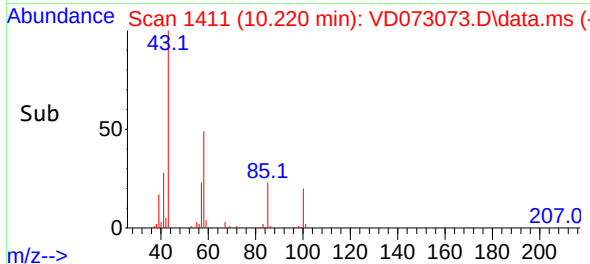
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



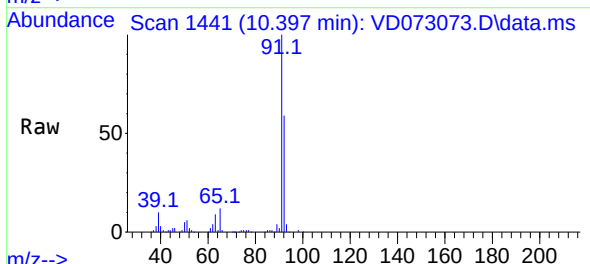
Tgt Ion: 43 Resp: 218045
Ion Ratio Lower Upper
43 100
58 39.0 28.6 43.0

Manual Integrations
APPROVED

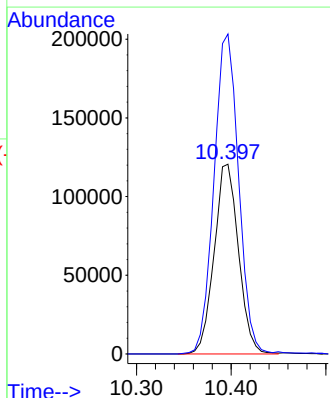
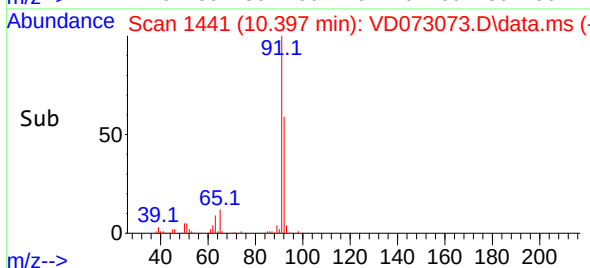
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

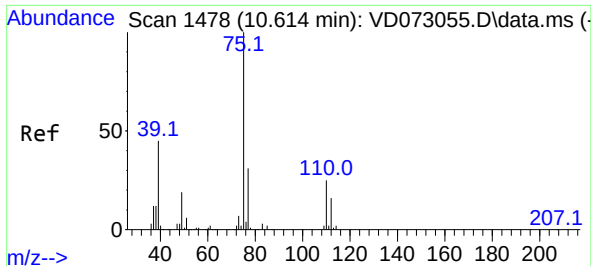


#52
Toluene
Concen: 20.531 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



Tgt Ion: 92 Resp: 215337
Ion Ratio Lower Upper
92 100
91 171.5 139.6 209.4





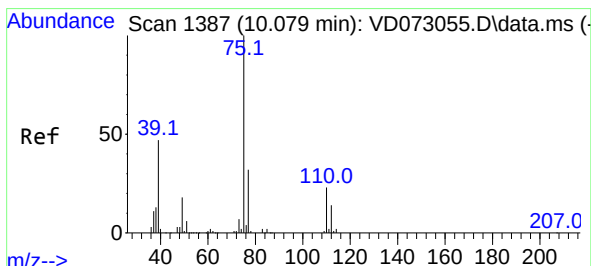
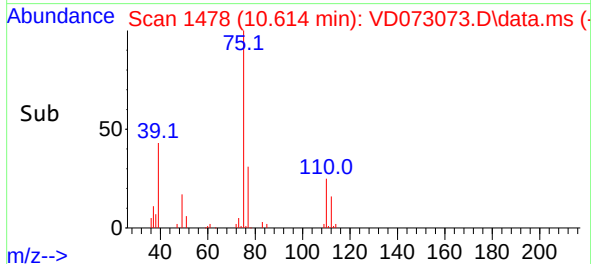
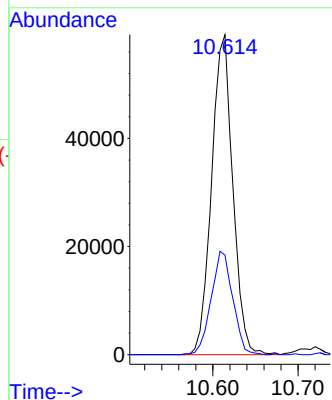
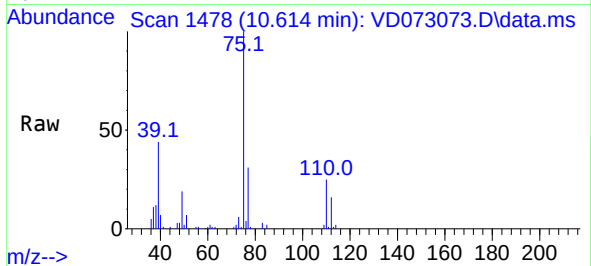
#53
t-1,3-Dichloropropene
Concen: 18.643 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02

Tgt Ion: 75 Resp: 102444
Ion Ratio Lower Upper
75 100
77 31.1 24.5 36.7

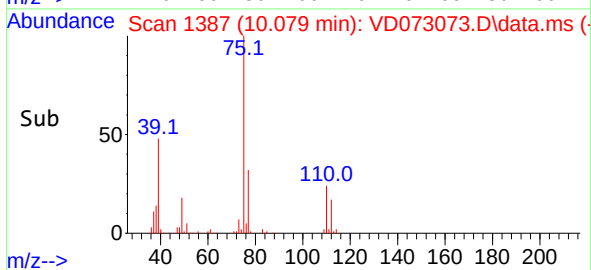
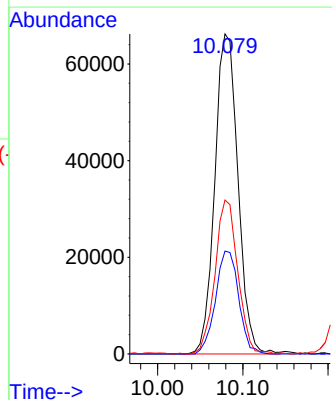
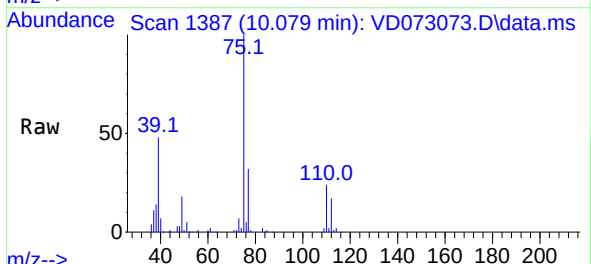
Manual Integrations
APPROVED

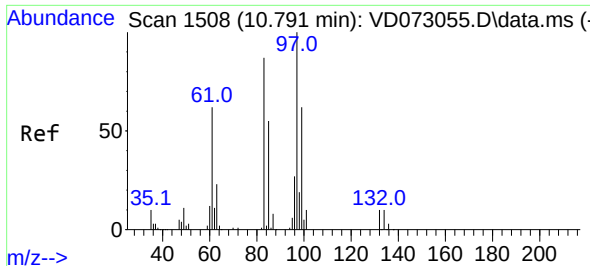
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#54
cis-1,3-Dichloropropene
Concen: 19.341 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

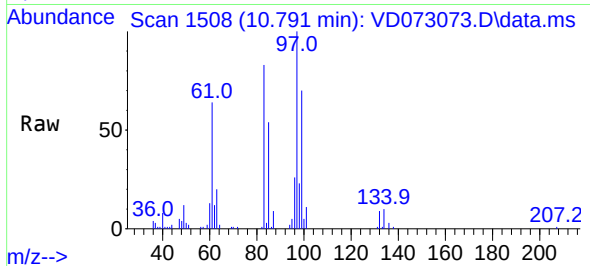
Tgt Ion: 75 Resp: 125313
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 47.8 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 19.000 ug/l
RT: 10.791 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02

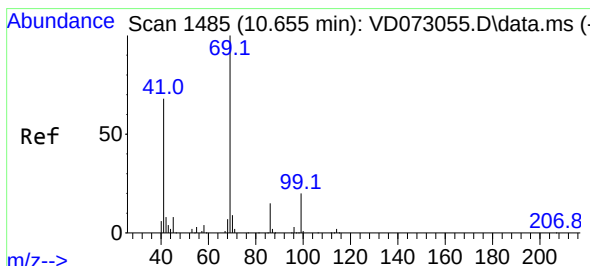
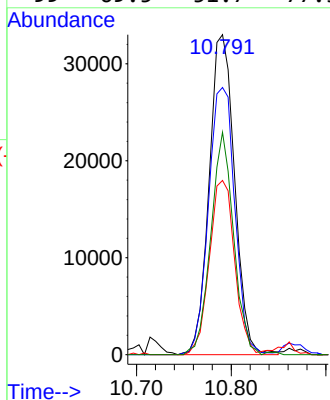
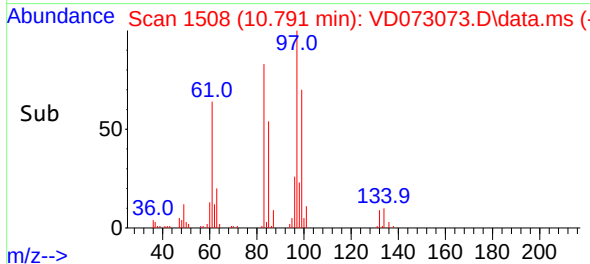


Tgt Ion: 97 Resp: 61524

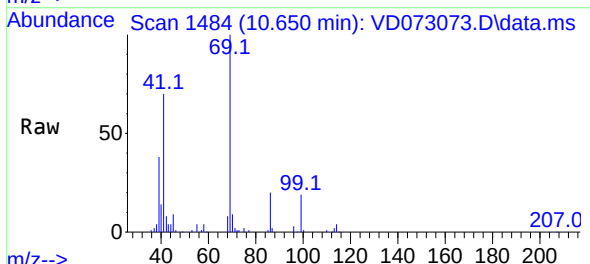
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.0	103.4
85	54.4	42.6	63.8
99	69.5	51.7	77.5

Manual Integrations
APPROVED

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

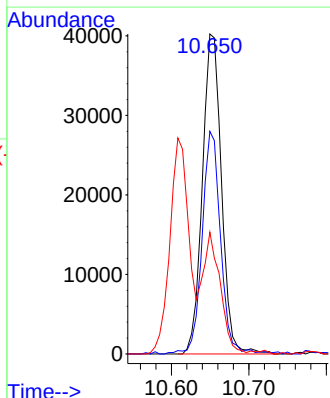
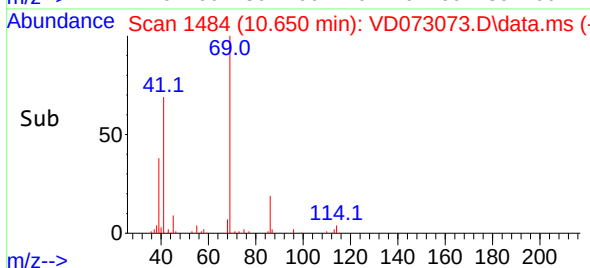


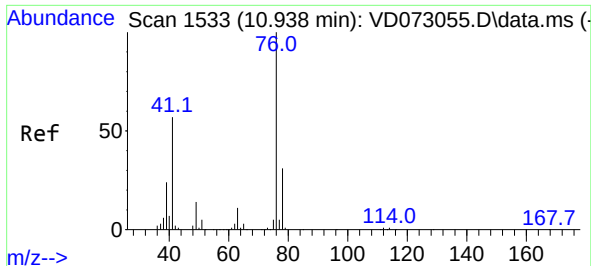
#56
Ethyl methacrylate
Concen: 18.820 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



Tgt Ion: 69 Resp: 68918

Ion	Ratio	Lower	Upper
69	100		
41	67.5	63.0	94.6
39	34.5	33.8	50.8





#57

1,3-Dichloropropane

Concen: 18.941 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073073.D

Acq: 17 May 2022 23:53

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBSD02

Tgt Ion: 76 Resp: 104358

Ion Ratio Lower Upper

76 100

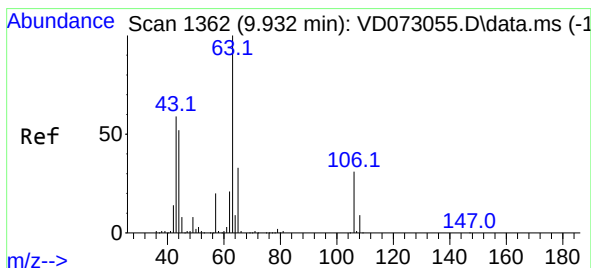
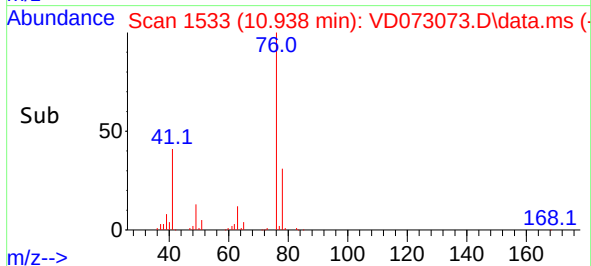
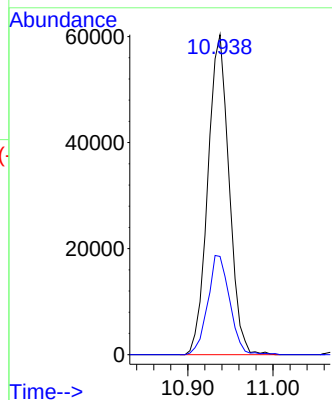
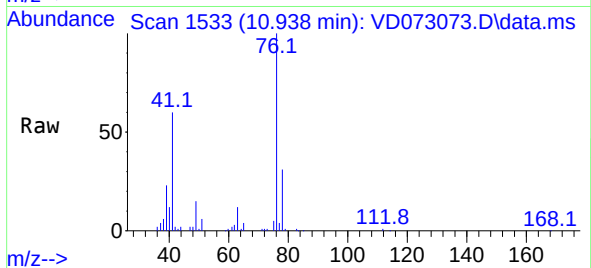
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 89.795 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073073.D

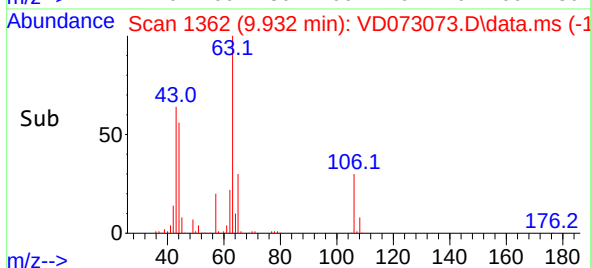
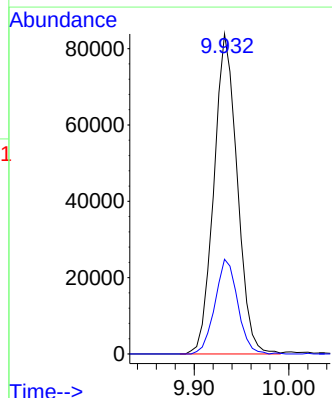
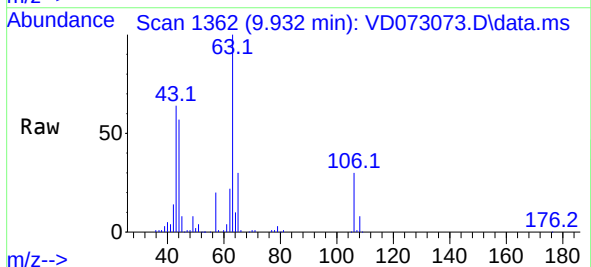
Acq: 17 May 2022 23:53

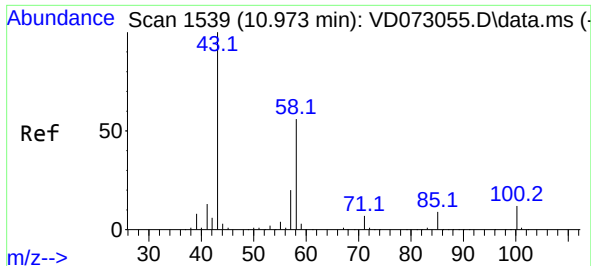
Tgt Ion: 63 Resp: 143680

Ion Ratio Lower Upper

63 100

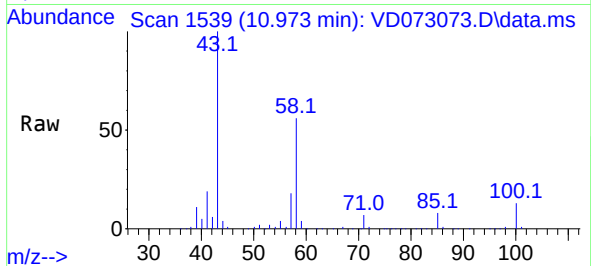
106 28.9 21.4 32.0





#59
2-Hexanone
Concen: 93.043 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

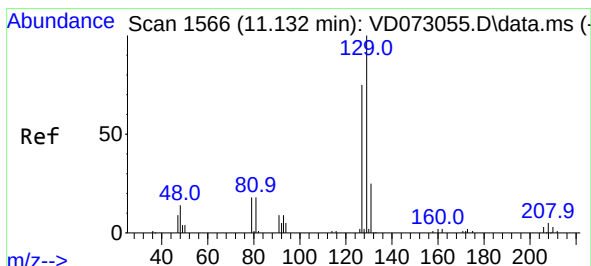
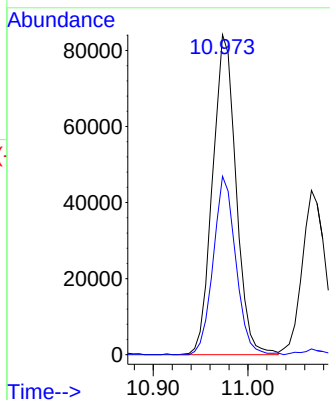
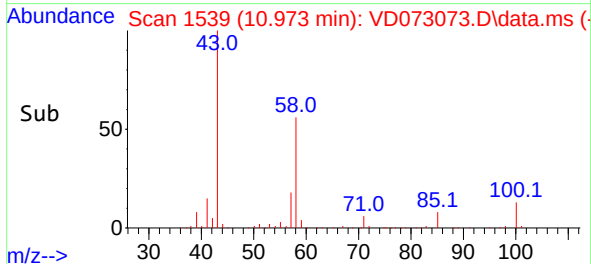
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



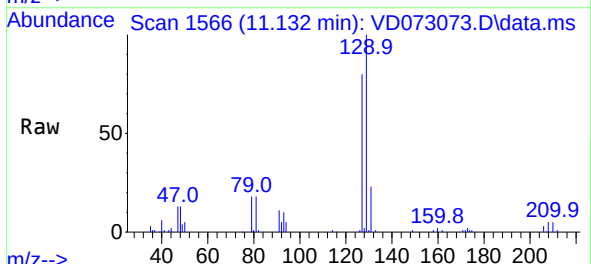
Tgt Ion: 43 Resp: 144700
Ion Ratio Lower Upper
43 100
58 53.6 25.3 75.9

Manual Integrations
APPROVED

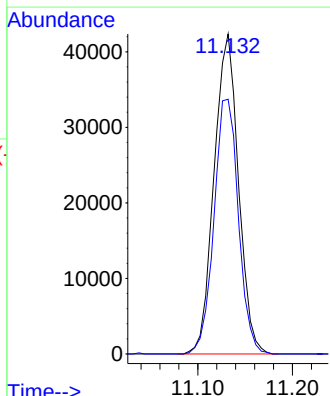
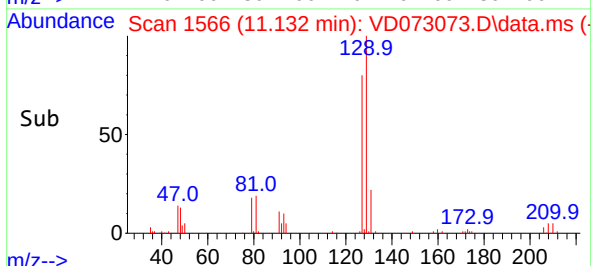
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

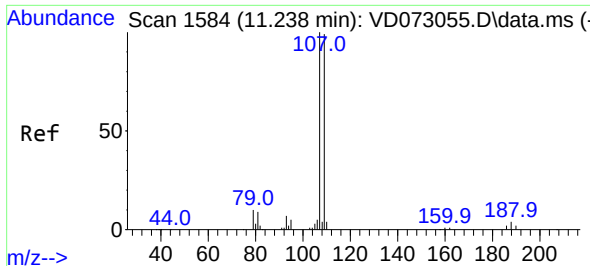


#60
Dibromochloromethane
Concen: 18.834 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



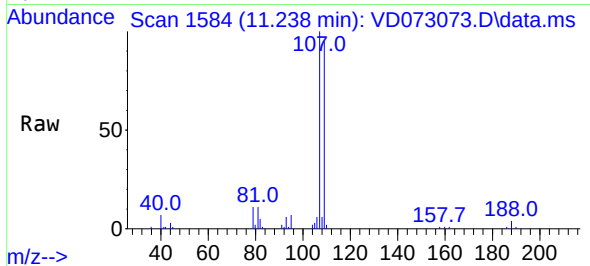
Tgt Ion:129 Resp: 75768
Ion Ratio Lower Upper
129 100
127 79.7 39.2 117.6





#61
1,2-Dibromoethane
Concen: 19.215 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

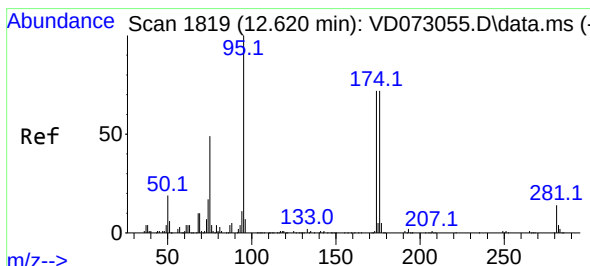
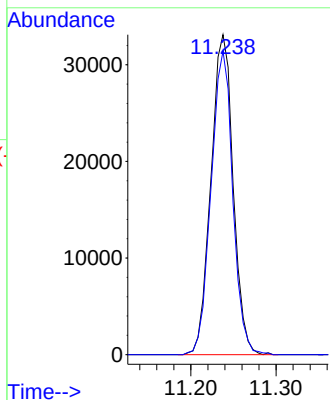
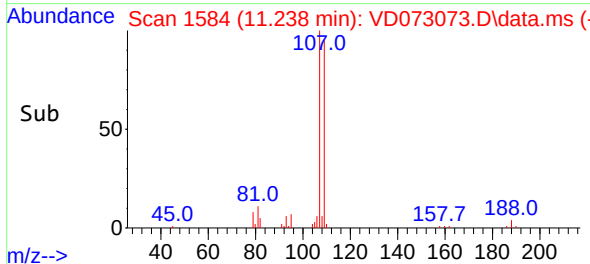
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



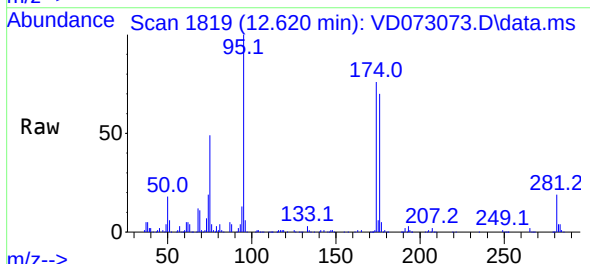
Tgt Ion:107 Resp: 59870
Ion Ratio Lower Upper
107 100
109 92.7 74.2 111.4

Manual Integrations
APPROVED

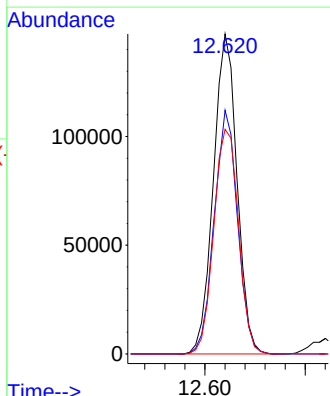
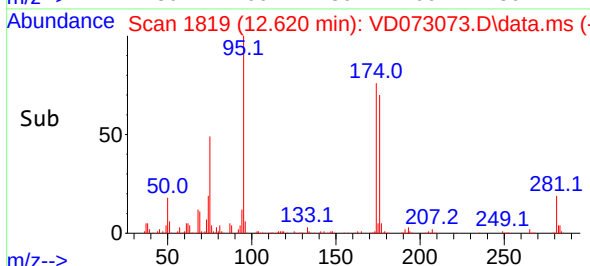
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

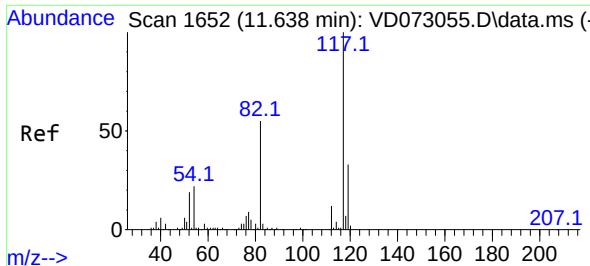


#62
4-Bromofluorobenzene
Concen: 51.411 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



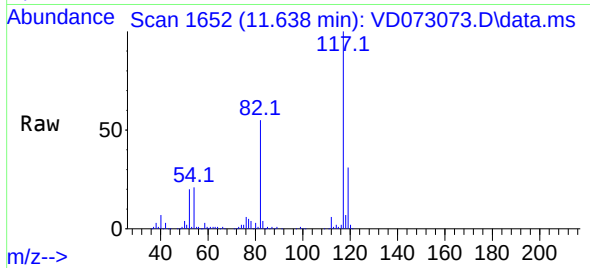
Tgt Ion: 95 Resp: 239535
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 73.7 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

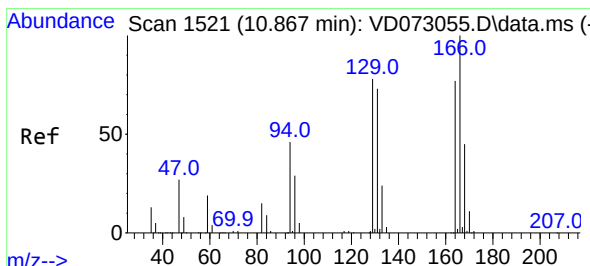
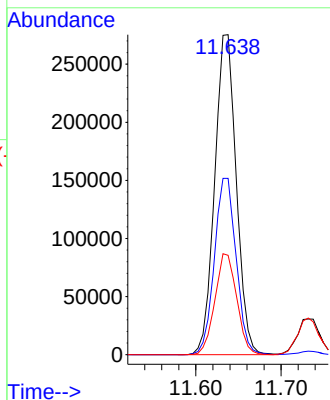
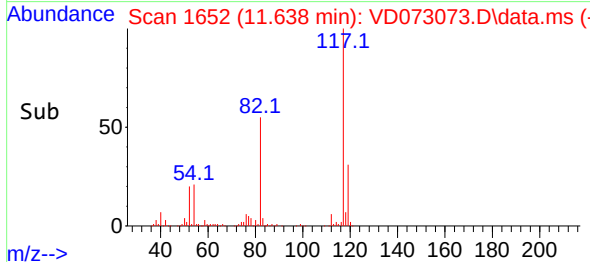
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



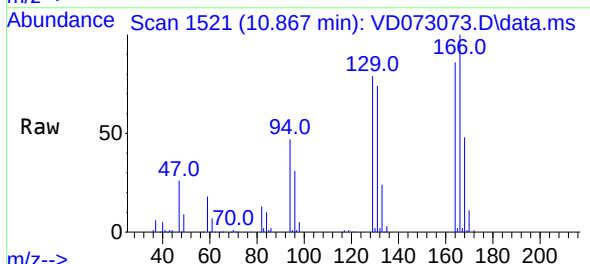
Tgt Ion:117 Resp: 485660
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 31.1 26.6 40.0

Manual Integrations
APPROVED

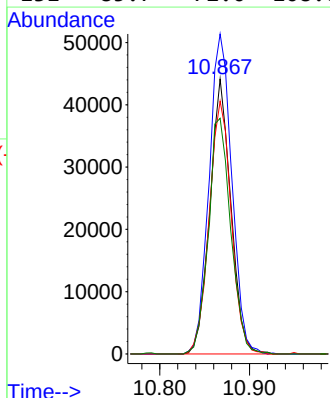
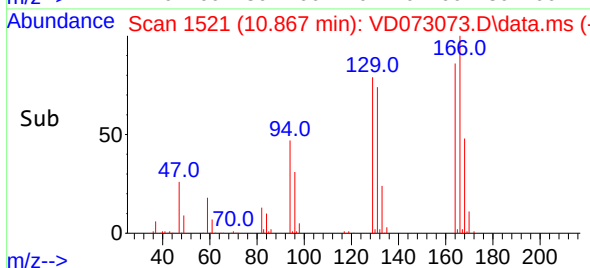
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

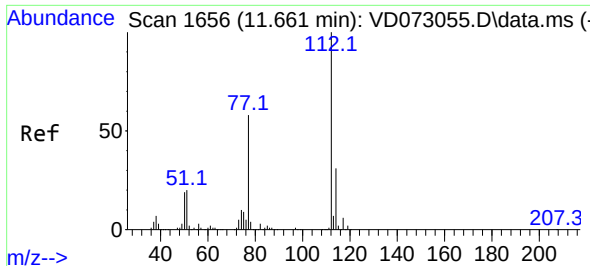


#64
Tetrachloroethene
Concen: 20.237 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



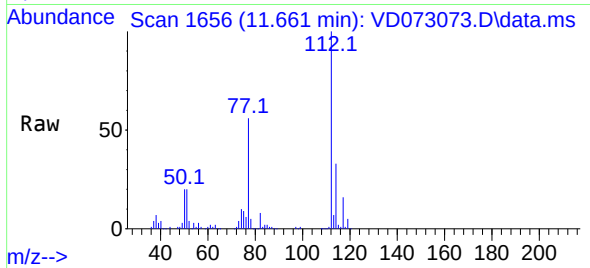
Tgt Ion:164 Resp: 72007
Ion Ratio Lower Upper
164 100
166 116.4 98.5 147.7
129 91.9 74.6 111.8
131 85.7 72.0 108.0





#65
Chlorobenzene
Concen: 20.406 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

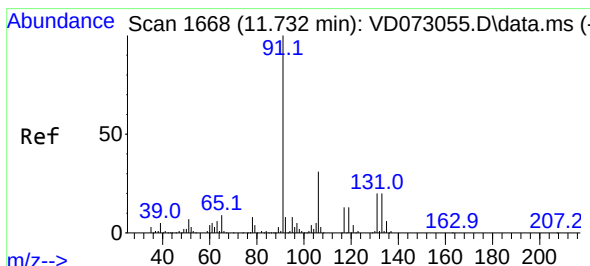
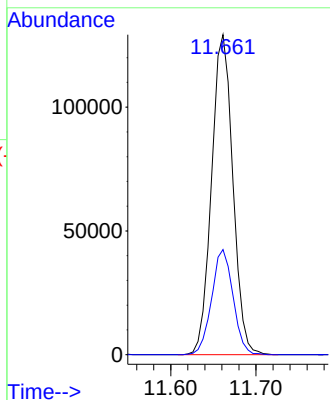
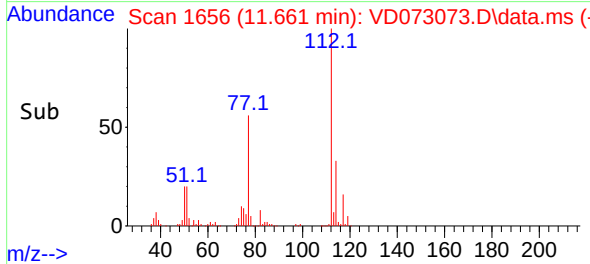
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



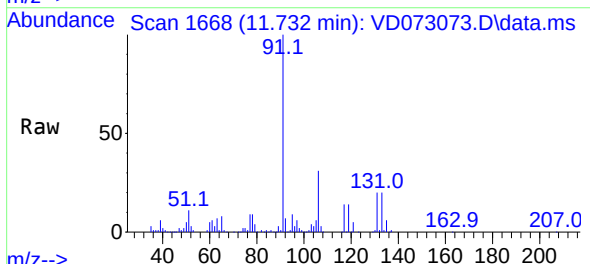
Tgt Ion:112 Resp: 22471
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6

Manual Integrations
APPROVED

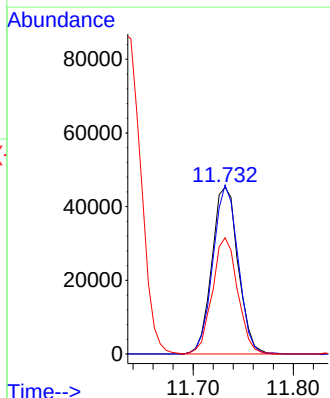
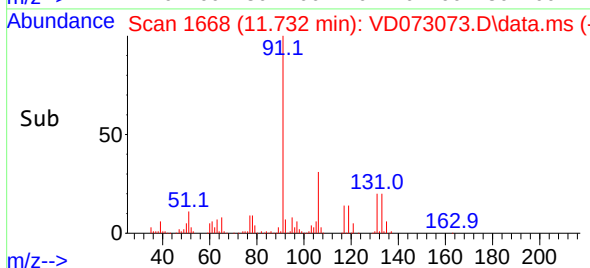
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

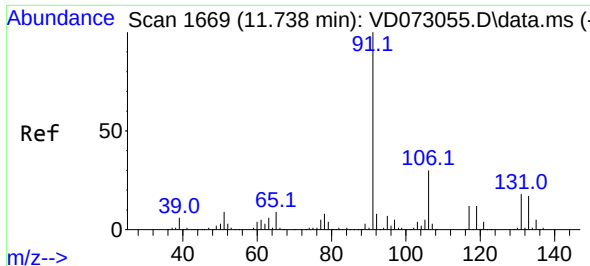


#66
1,1,1,2-Tetrachloroethane
Concen: 19.537 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



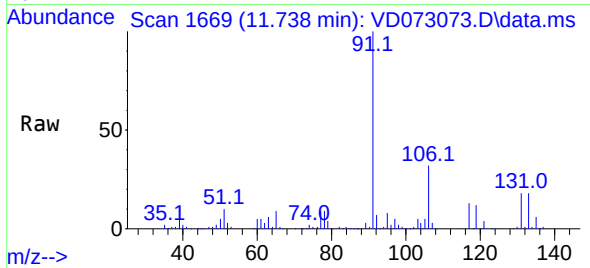
Tgt Ion:131 Resp: 82184
Ion Ratio Lower Upper
131 100
133 97.0 48.1 144.3
119 67.4 31.9 95.9





#67
Ethyl Benzene
Concen: 20.176 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

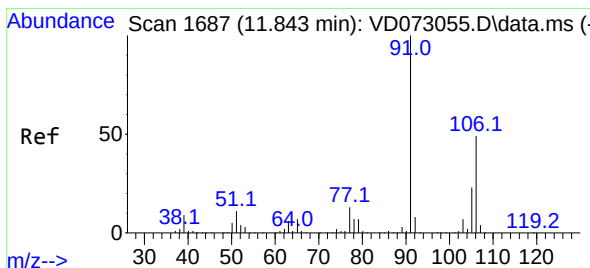
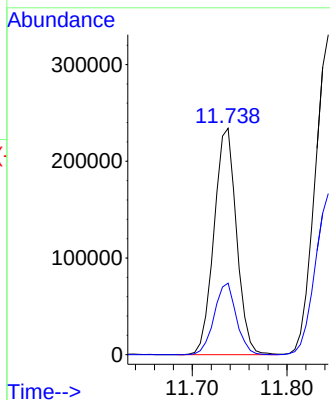
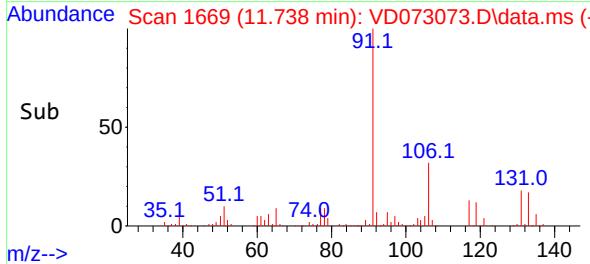
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



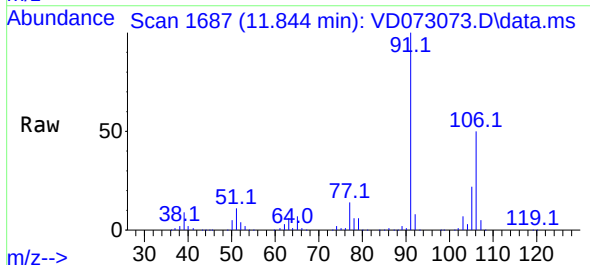
Tgt Ion: 91 Resp: 386858
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4

Manual Integrations
APPROVED

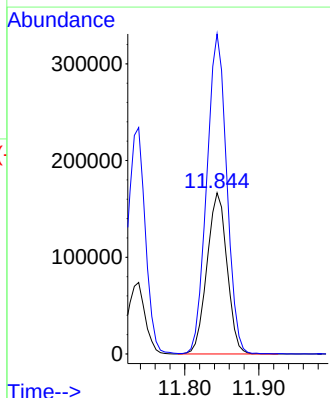
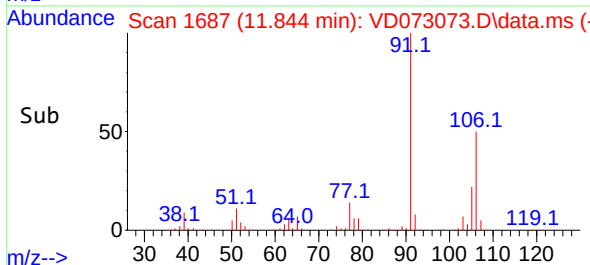
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

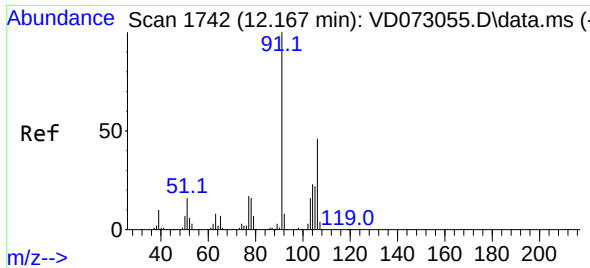


#68
m/p-Xylenes
Concen: 42.076 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



Tgt Ion:106 Resp: 312676
Ion Ratio Lower Upper
106 100
91 198.1 163.7 245.5





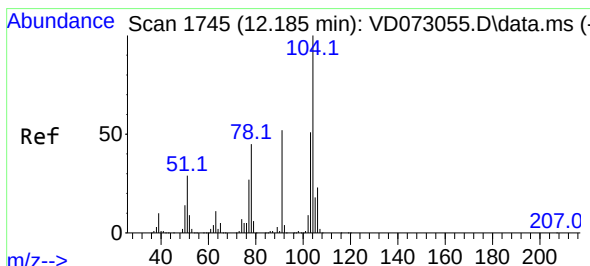
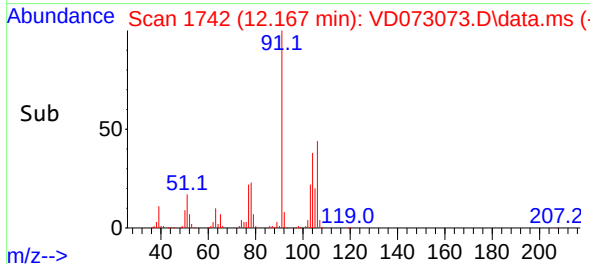
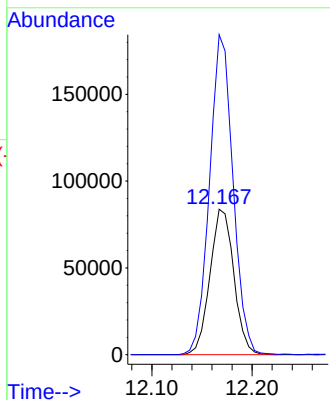
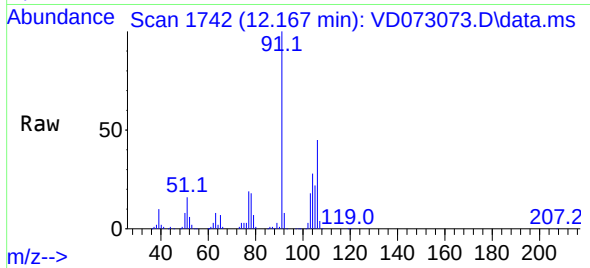
#69
o-Xylene
Concen: 20.201 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02

Tgt Ion:106 Resp: 138439
Ion Ratio Lower Upper
106 100
91 216.7 110.4 331.2

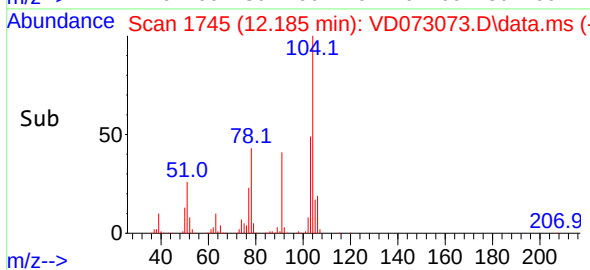
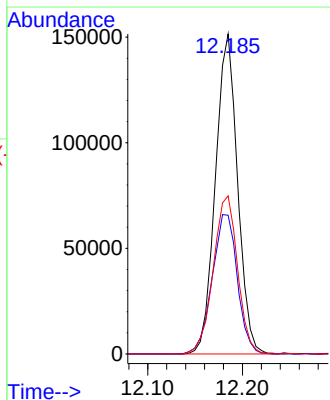
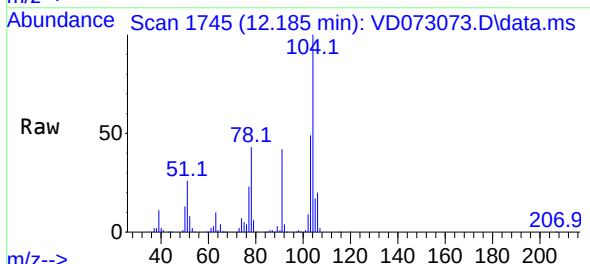
Manual Integrations
APPROVED

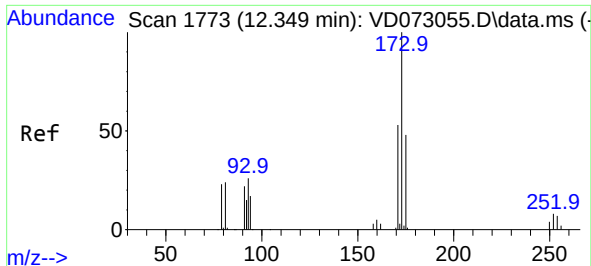
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Styrene
Concen: 20.582 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

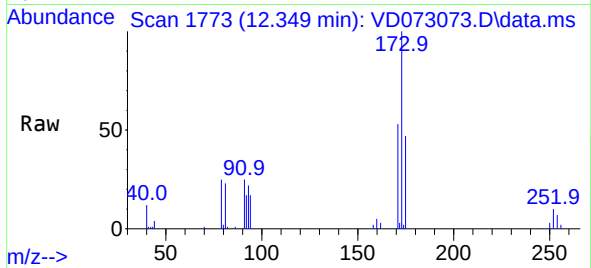
Tgt Ion:104 Resp: 246356
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 54.1 44.2 66.4





#71
Bromoform
Concen: 19.553 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

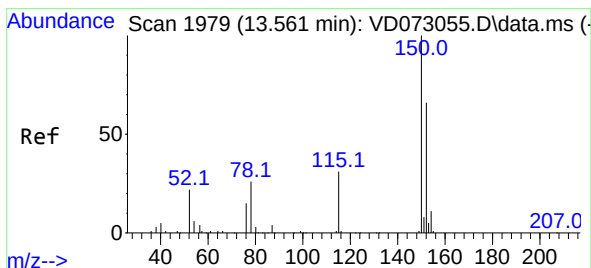
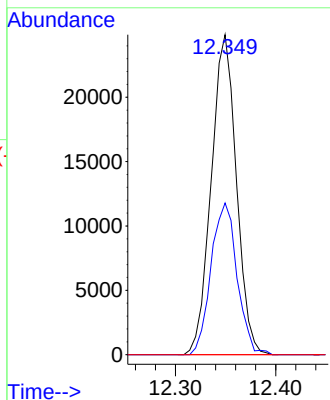
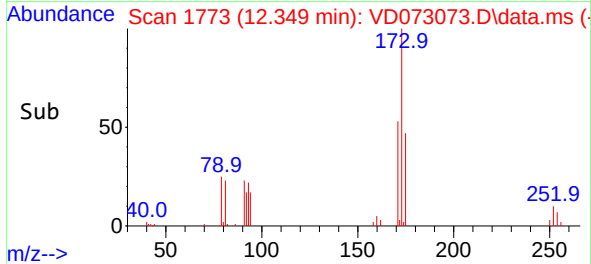
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



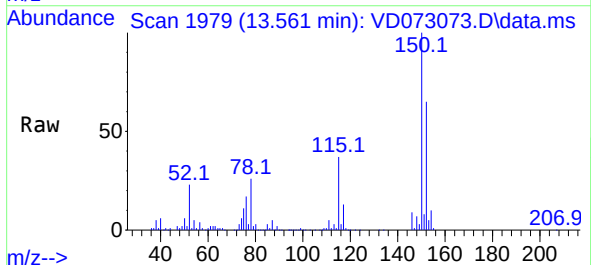
Tgt Ion:173 Resp: 43300
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

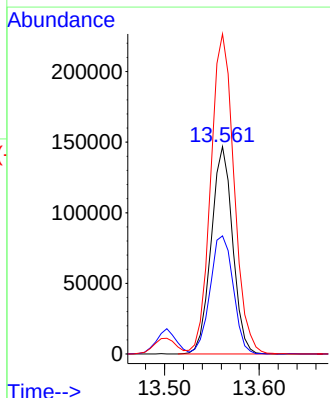
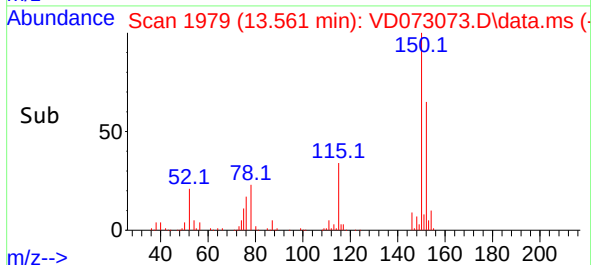
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

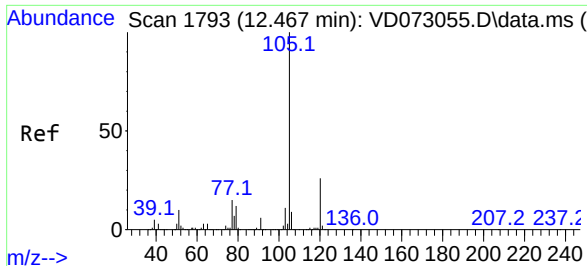


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



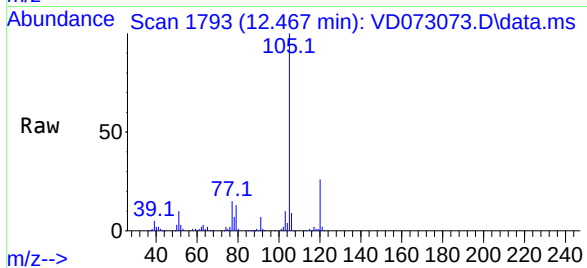
Tgt Ion:152 Resp: 230838
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 168.1 0.0 348.6





#73
Isopropylbenzene
Concen: 20.501 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

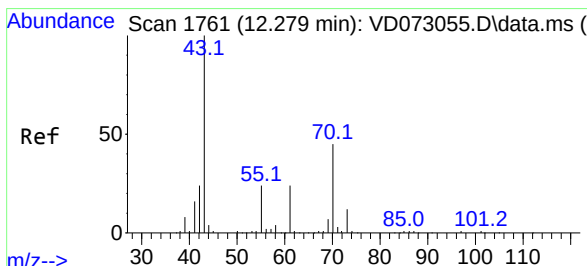
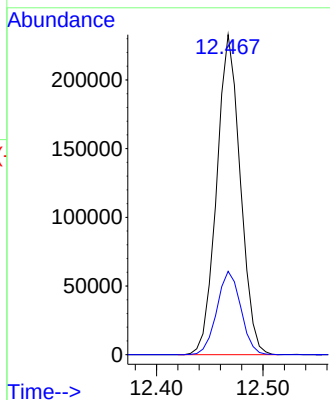
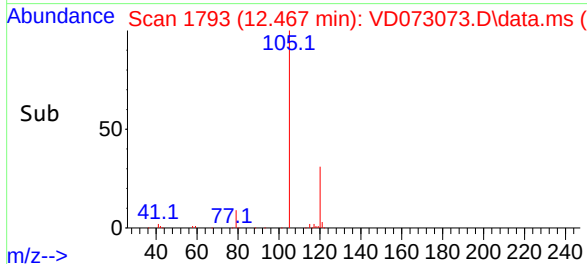
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



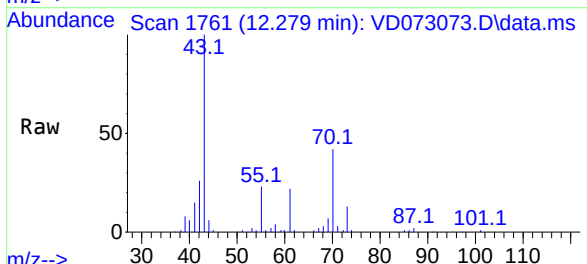
Tgt Ion: 105 Resp: 358714
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

Manual Integrations
APPROVED

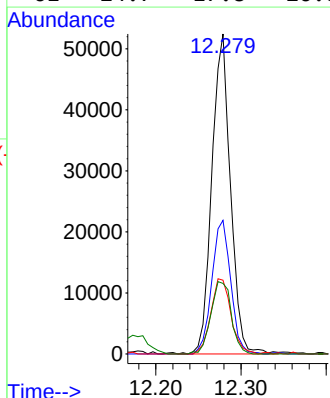
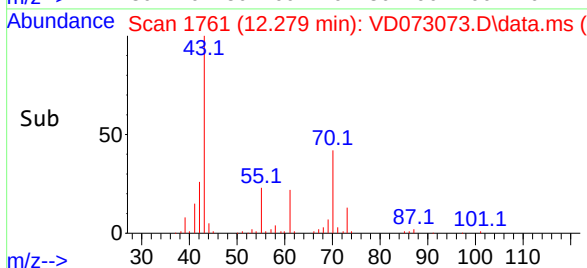
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

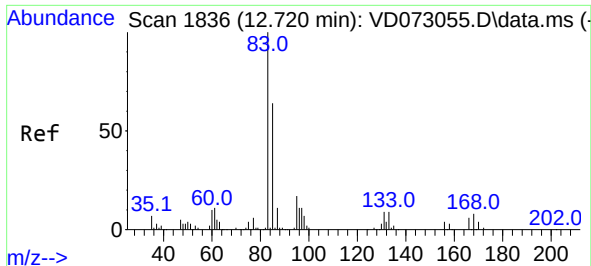


#74
N-ethyl acetate
Concen: 19.477 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



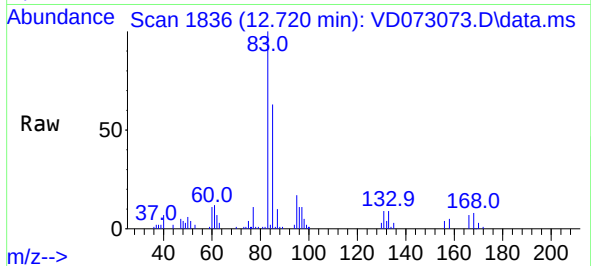
Tgt Ion: 43 Resp: 79644
Ion Ratio Lower Upper
43 100
70 42.4 31.3 46.9
55 25.5 20.0 30.0
61 24.7 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.261 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

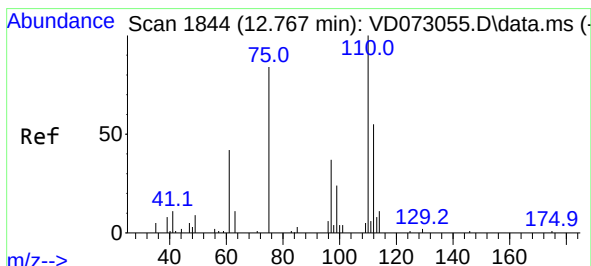
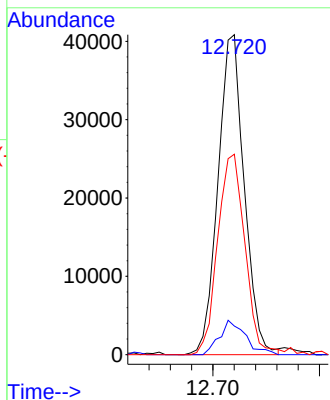
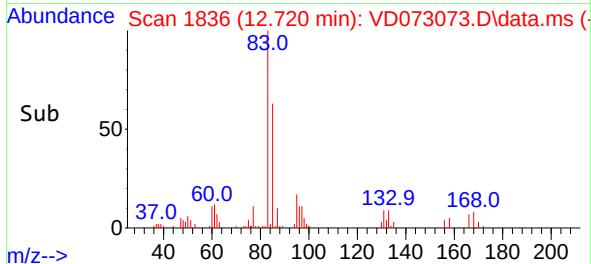
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



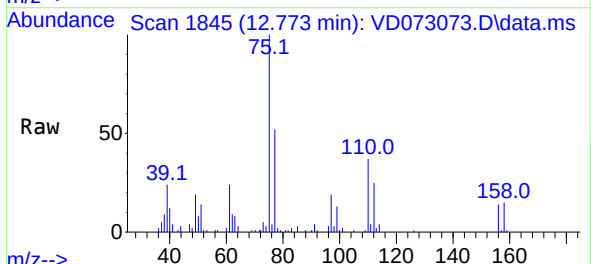
Tgt Ion: 83 Resp: 69892
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 65.7 32.6 98.0

Manual Integrations
APPROVED

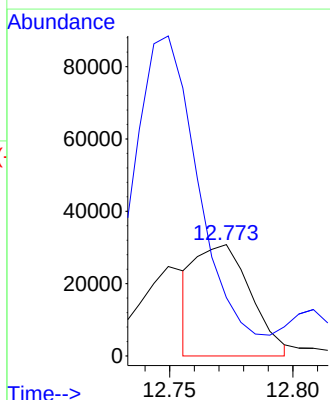
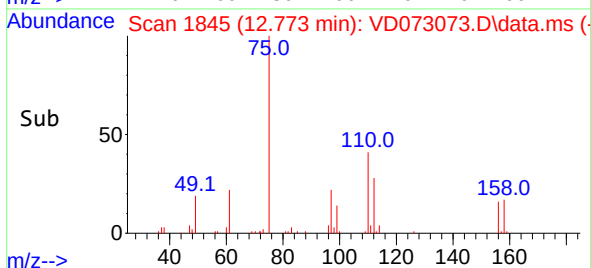
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

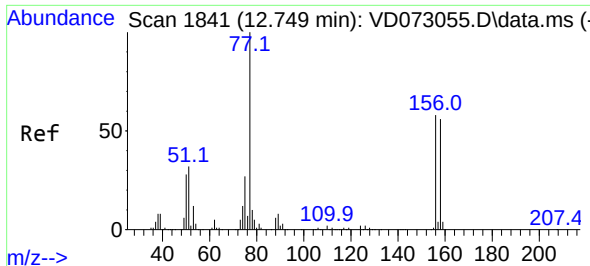


#76
1,2,3-Trichloropropane
Concen: 18.421 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



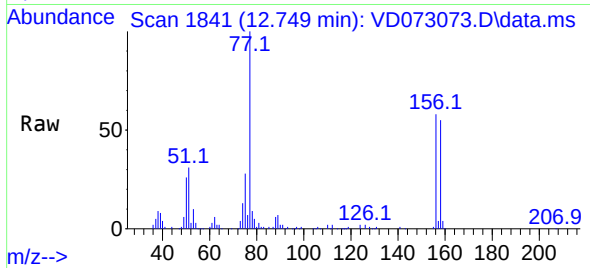
Tgt Ion: 75 Resp: 48069
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.979 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

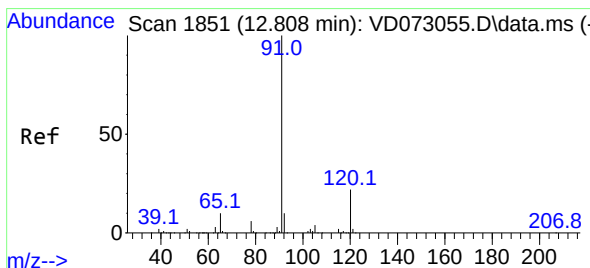
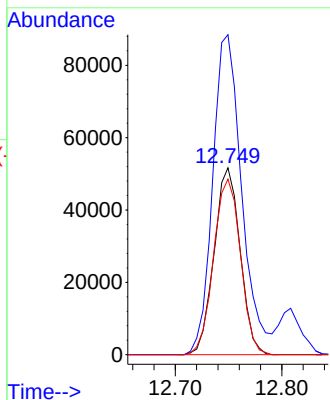
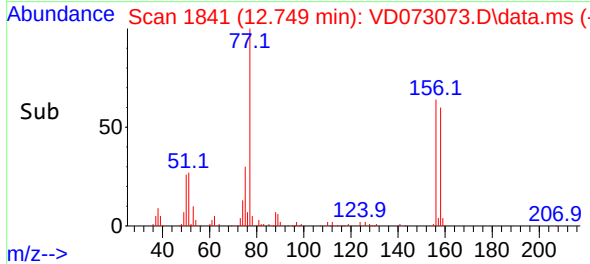
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



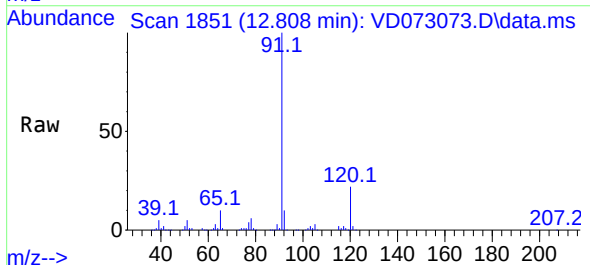
Tgt Ion:156 Resp: 87584
Ion Ratio Lower Upper
156 100
77 191.2 102.8 308.3
158 96.9 48.7 146.1

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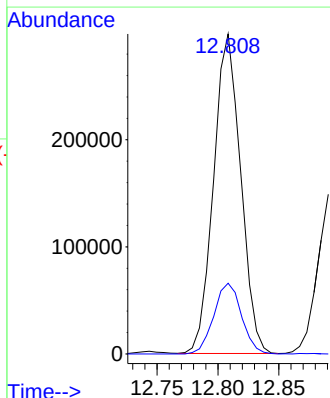
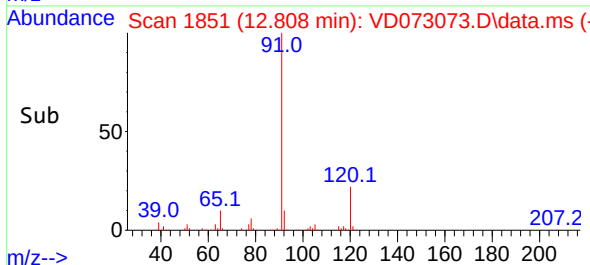
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

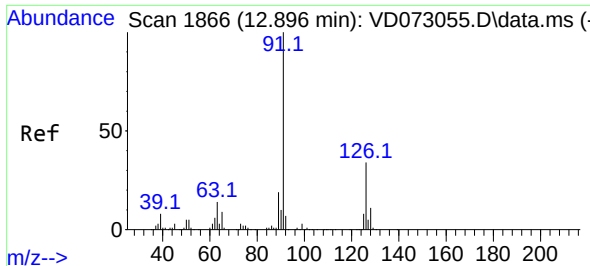


#78
n-propylbenzene
Concen: 21.041 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



Tgt Ion: 91 Resp: 462330
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





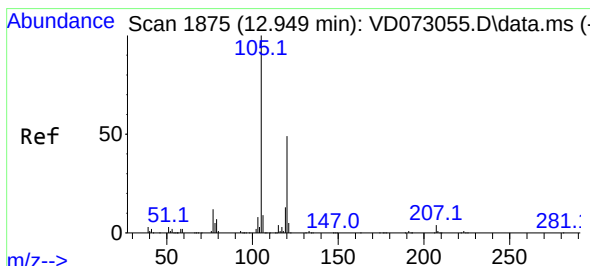
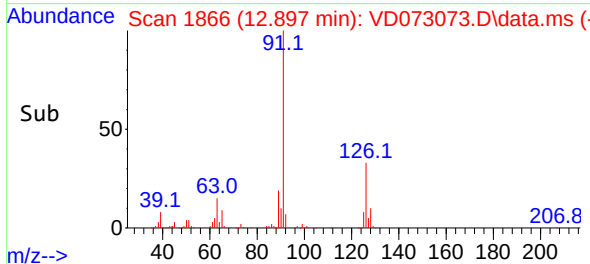
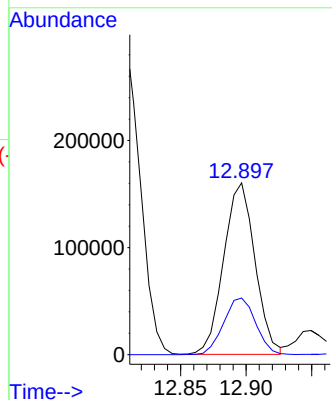
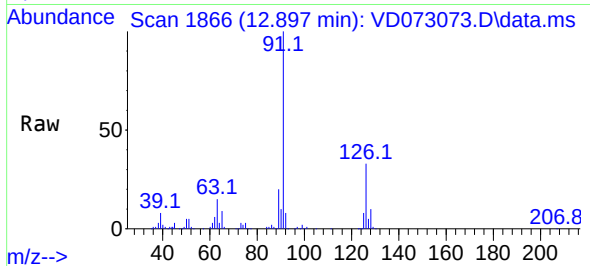
#79
2-Chlorotoluene
Concen: 20.786 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02

Tgt Ion: 91 Resp: 266075
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6

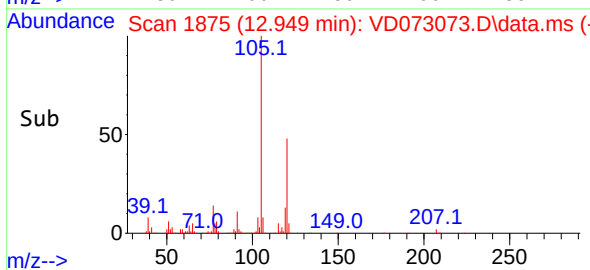
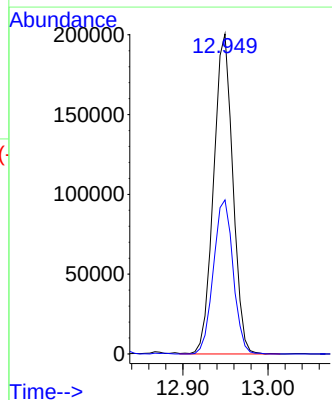
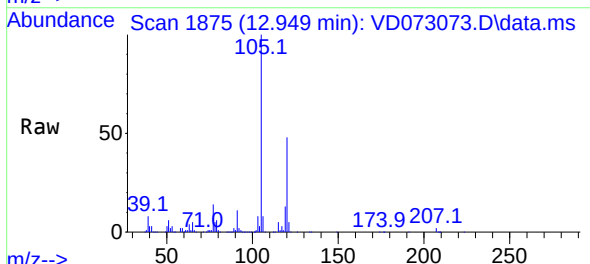
Manual Integrations
APPROVED

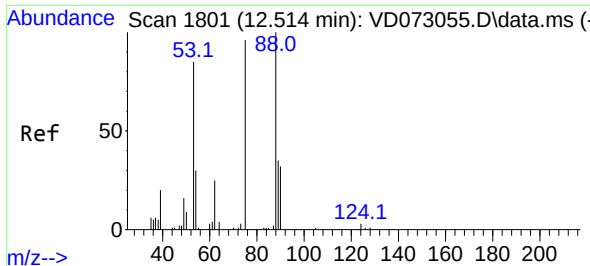
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.034 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Tgt Ion:105 Resp: 313534
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8





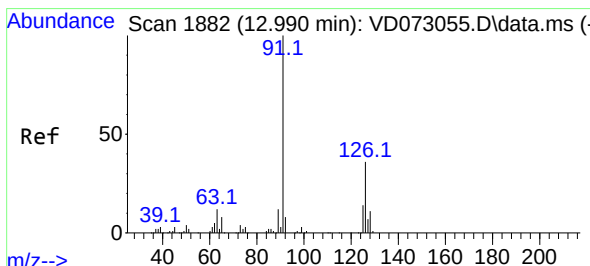
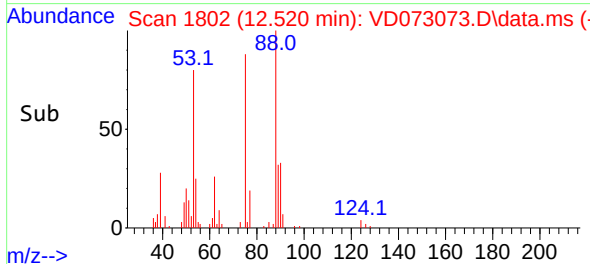
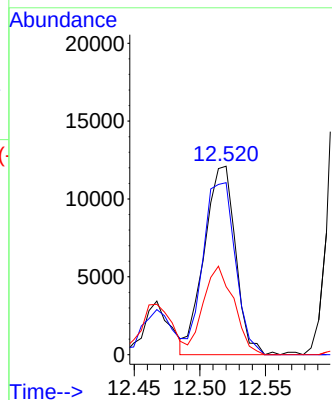
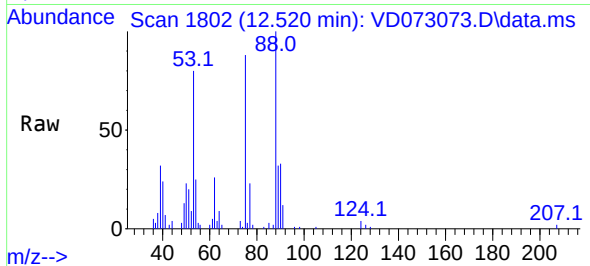
#81
trans-1,4-Dichloro-2-butene
Concen: 18.479 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02

Tgt Ion: 75 Resp: 2011
Ion Ratio Lower Upper
75 100
53 93.0 86.5 129.7
89 45.5 33.9 50.9

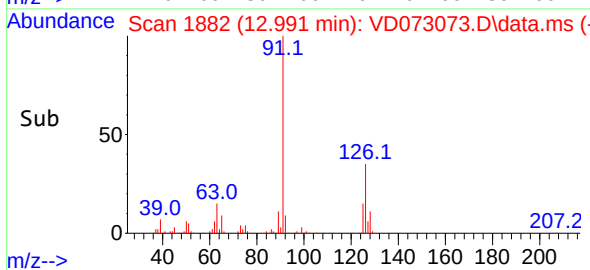
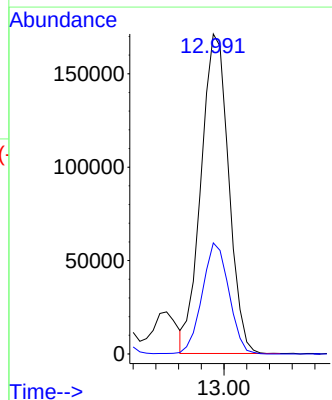
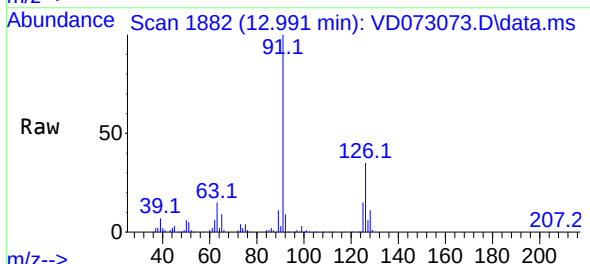
Manual Integrations
APPROVED

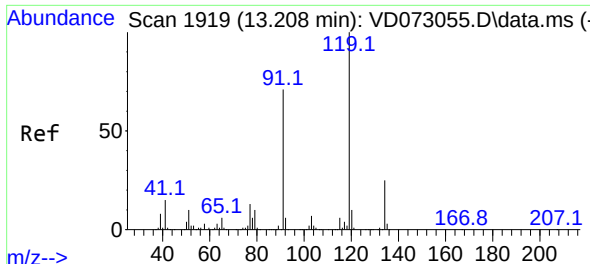
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#82
4-Chlorotoluene
Concen: 21.258 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

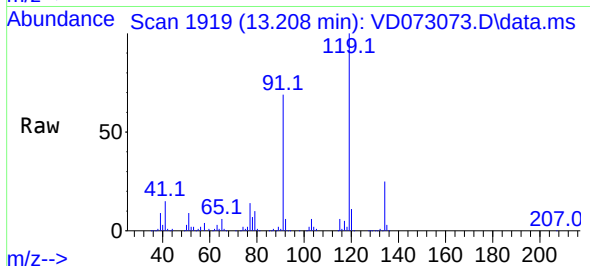
Tgt Ion: 91 Resp: 287986
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5





#83
tert-Butylbenzene
Concen: 19.840 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

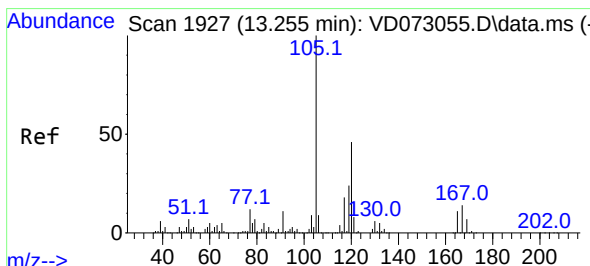
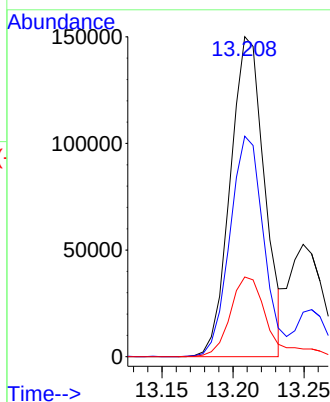
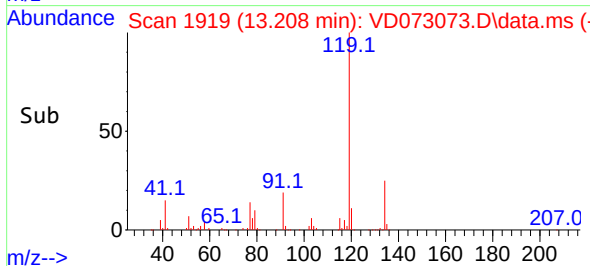
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



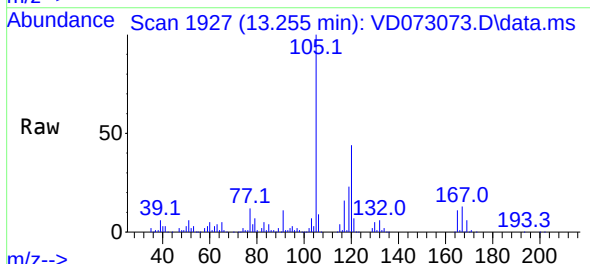
Tgt Ion:119 Resp: 250500
Ion Ratio Lower Upper
119 100
91 68.6 34.8 104.5
134 27.4 13.3 39.9

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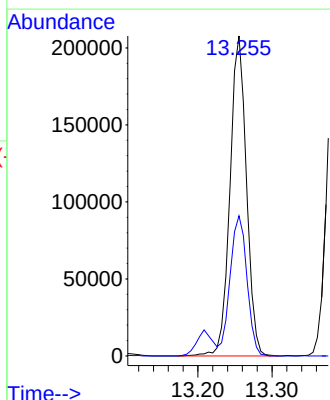
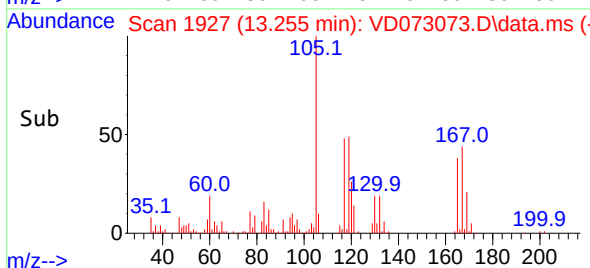
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

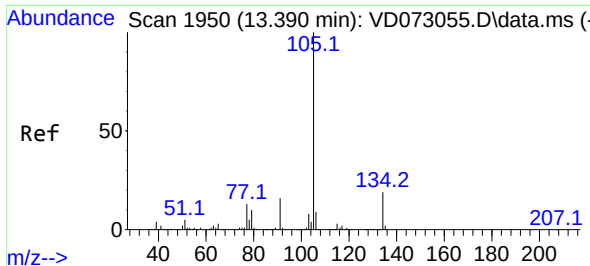


#84
1,2,4-Trimethylbenzene
Concen: 21.615 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



Tgt Ion:105 Resp: 320554
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8





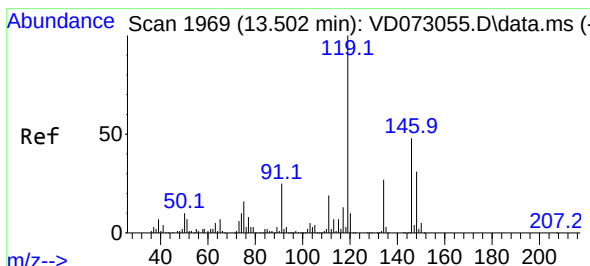
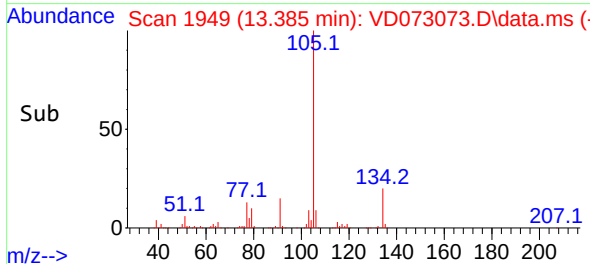
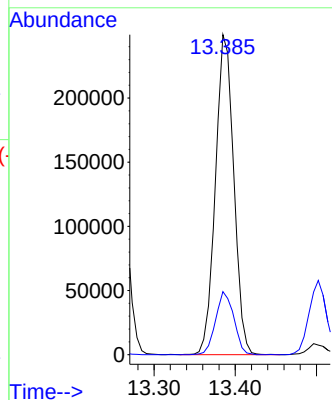
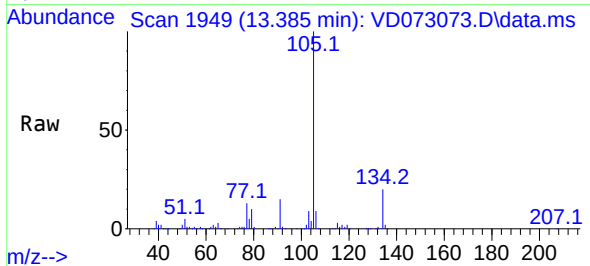
#85
 sec-Butylbenzene
 Concen: 20.446 ug/l
 RT: 13.385 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: VD073073.D
 Acq: 17 May 2022 23:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBSD02

Tgt Ion:105 Resp: 391862
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

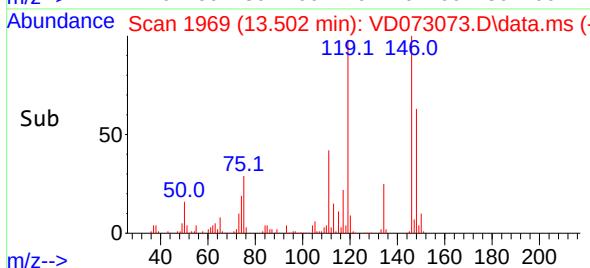
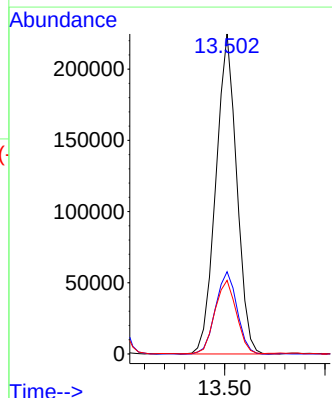
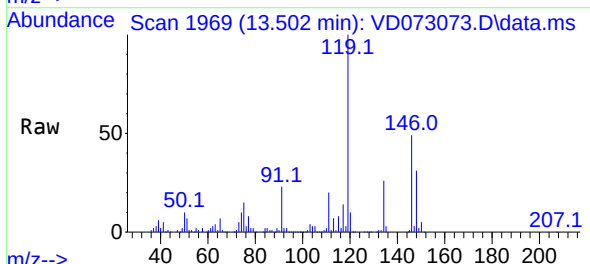
Manual Integrations
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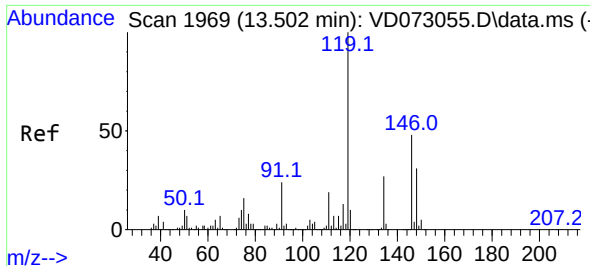
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#86
 p-Isopropyltoluene
 Concen: 20.793 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073073.D
 Acq: 17 May 2022 23:53

Tgt Ion:119 Resp: 324152
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 23.7 12.1 36.3





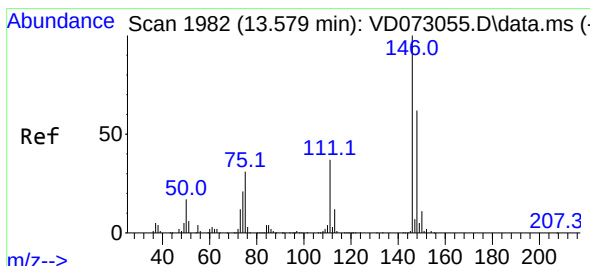
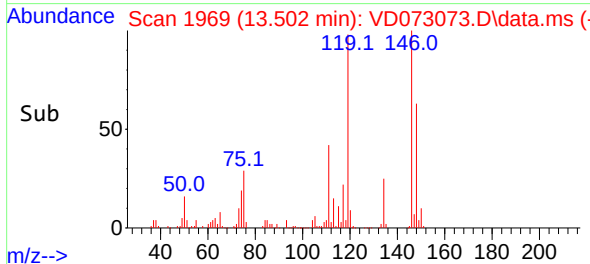
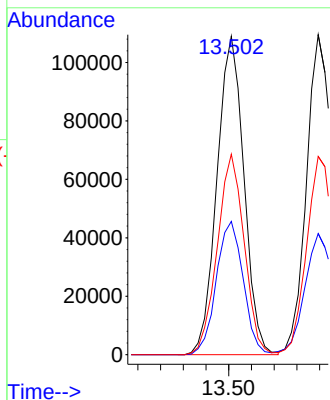
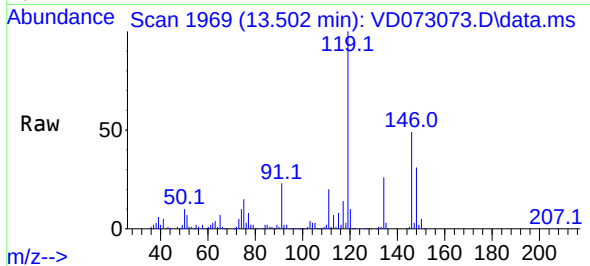
#87
1,3-Dichlorobenzene
Concen: 20.965 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02

Tgt Ion:146 Resp: 17989
Ion Ratio Lower Upper
146 100
111 41.8 20.4 61.3
148 62.7 31.9 95.7

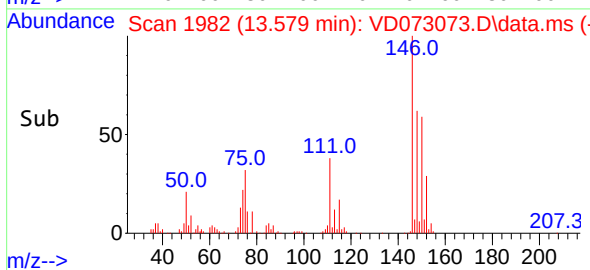
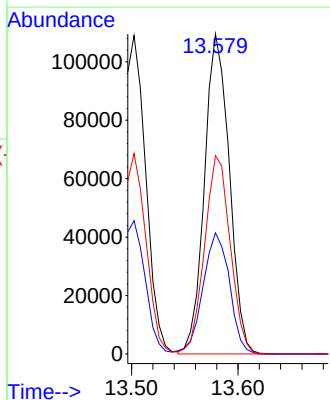
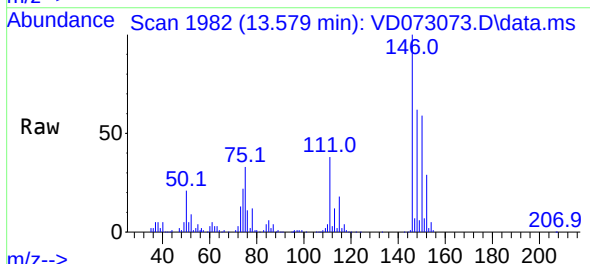
Manual Integrations
APPROVED

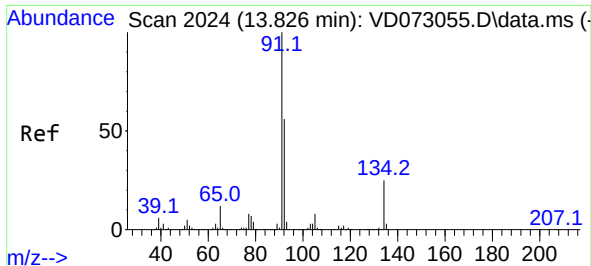
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#88
1,4-Dichlorobenzene
Concen: 21.015 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

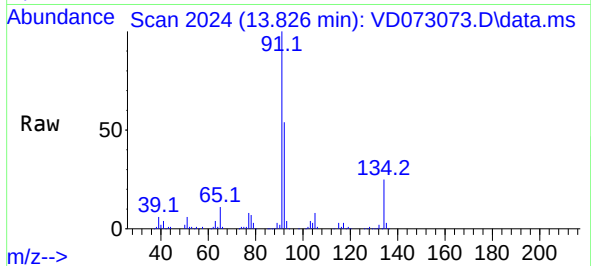
Tgt Ion:146 Resp: 178194
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 64.0 31.7 95.1





#89
n-Butylbenzene
Concen: 19.703 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

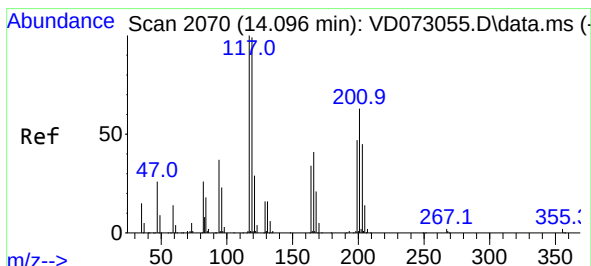
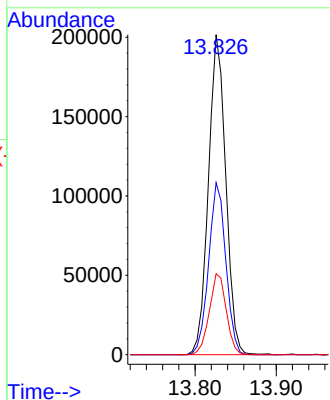
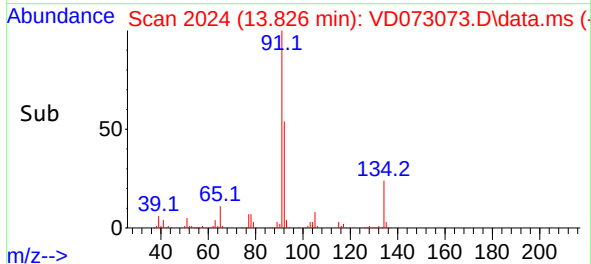
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



Tgt Ion: 91 Resp: 298709
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 24.8 12.3 36.9

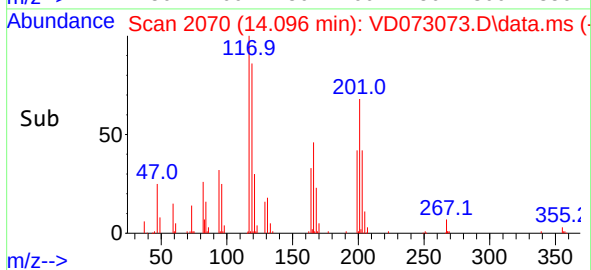
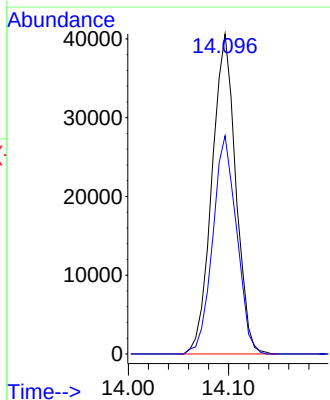
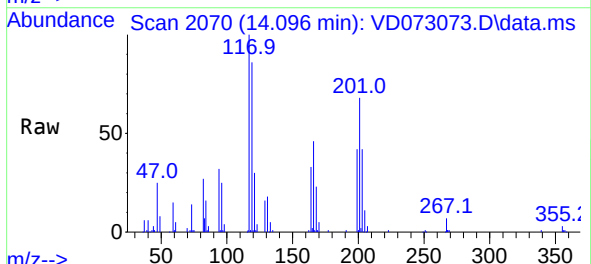
Manual Integrations
APPROVED

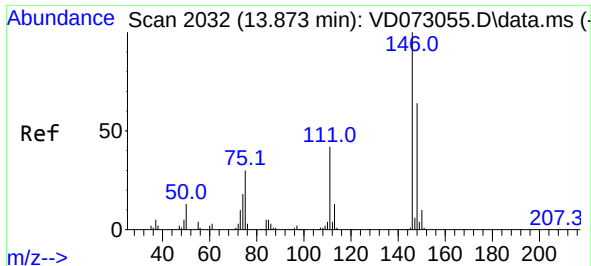
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachloroethane
Concen: 20.675 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Tgt Ion:117 Resp: 66971
Ion Ratio Lower Upper
117 100
201 68.5 33.4 100.2





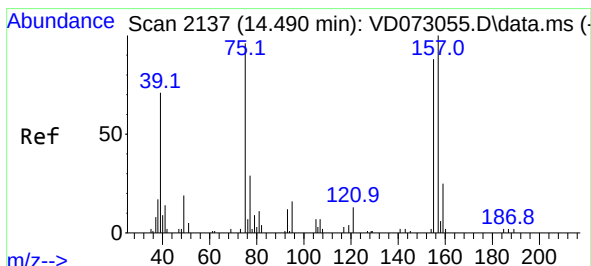
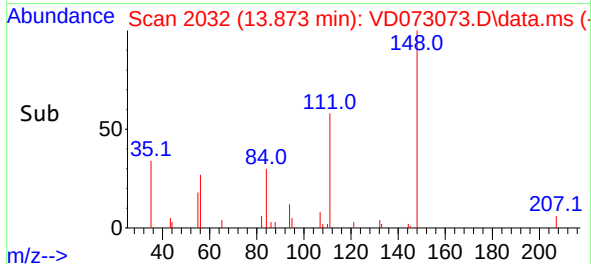
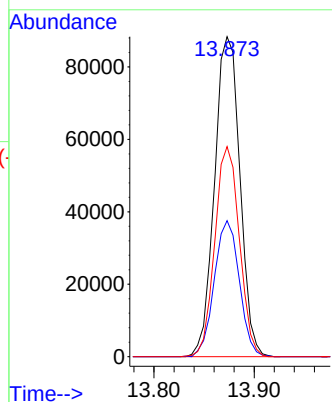
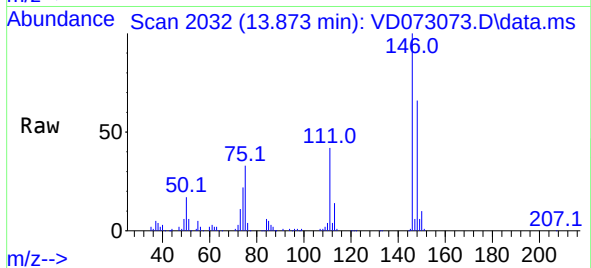
#91
1,2-Dichlorobenzene
Concen: 20.876 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02

Tgt Ion:146 Resp: 15536
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 63.5 31.7 95.1

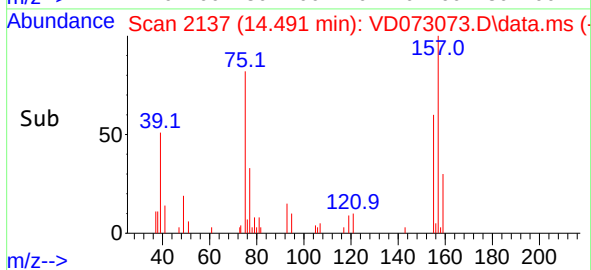
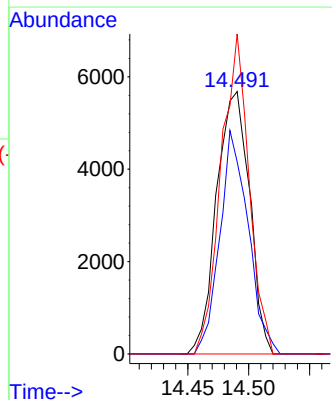
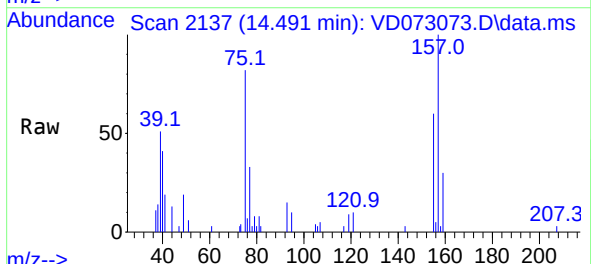
Manual Integrations
APPROVED

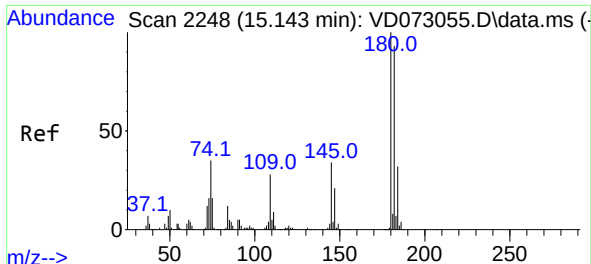
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.934 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

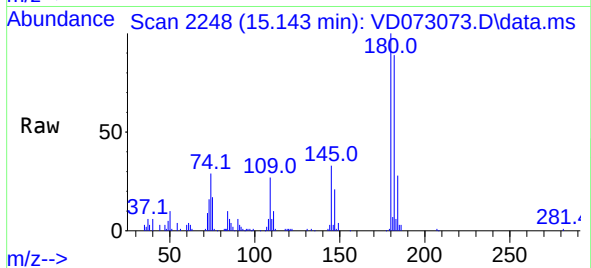
Tgt Ion: 75 Resp: 10688
Ion Ratio Lower Upper
75 100
155 73.4 36.8 110.3
157 103.9 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 19.903 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

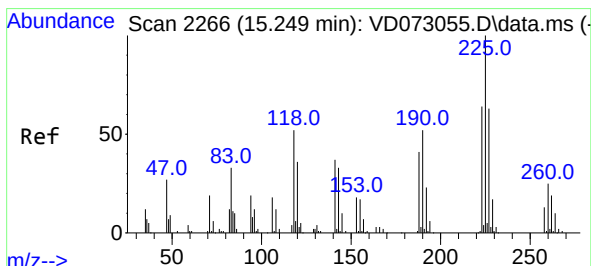
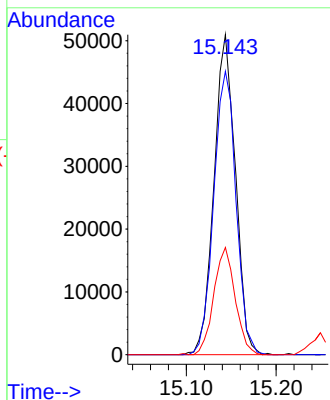
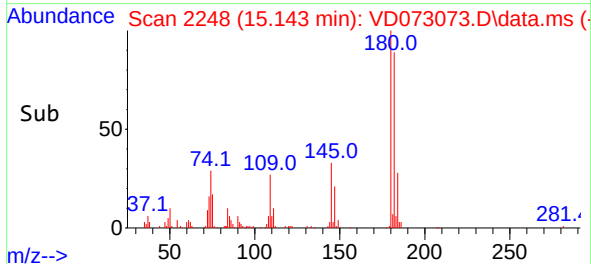
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS02



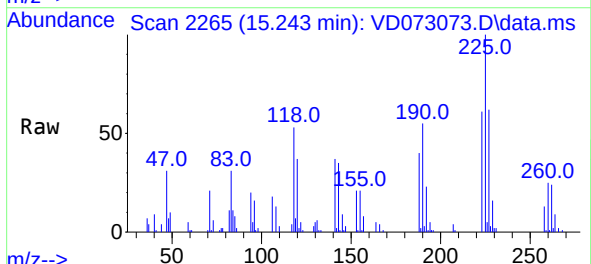
Tgt Ion:180 Resp: 84514
Ion Ratio Lower Upper
180 100
182 92.1 47.3 142.0
145 33.5 16.2 48.5

Manual Integrations
APPROVED

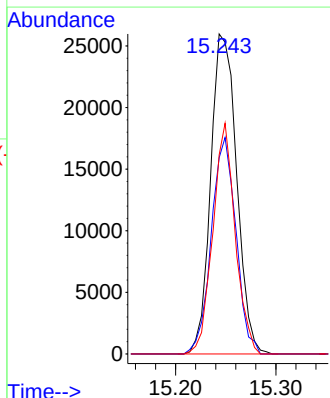
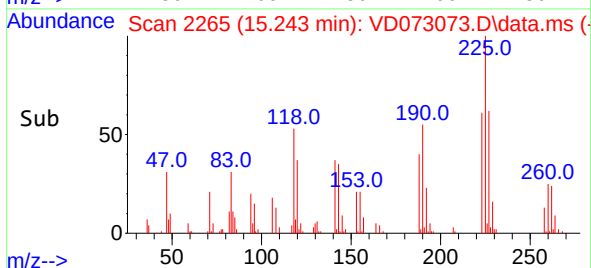
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

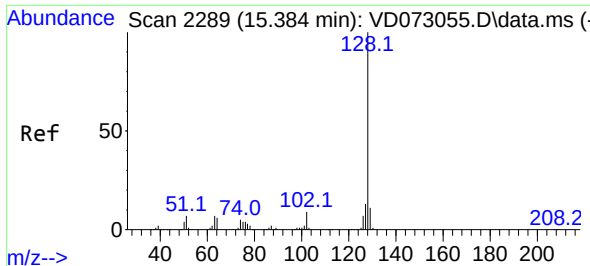


#94
Hexachlorobutadiene
Concen: 19.689 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. -0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



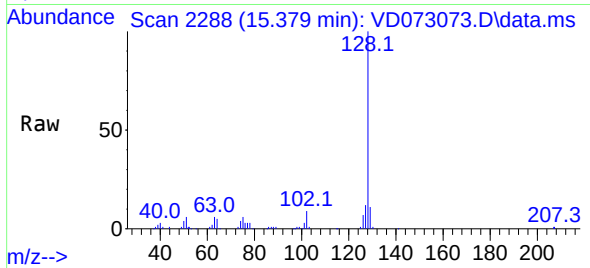
Tgt Ion:225 Resp: 46666
Ion Ratio Lower Upper
225 100
223 64.1 31.1 93.2
227 62.2 32.4 97.0





#95
Naphthalene
Concen: 18.978 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53

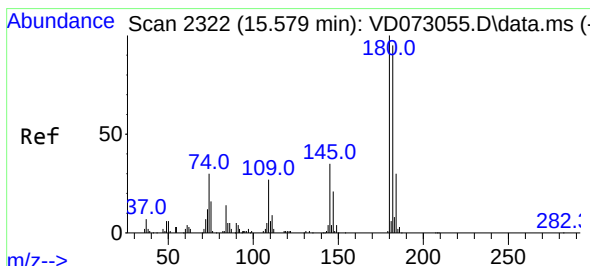
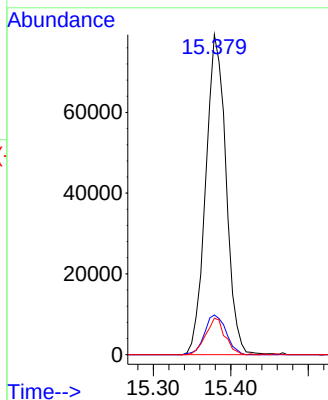
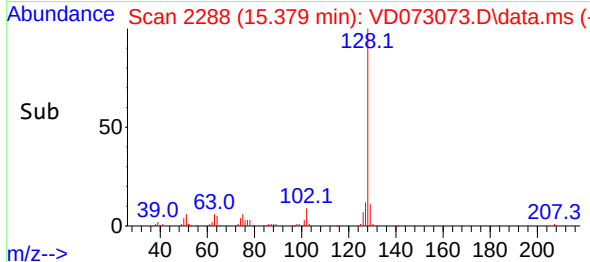
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBSD02



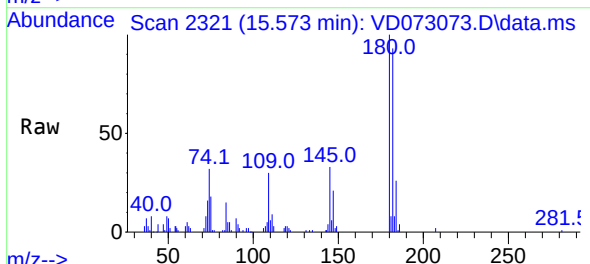
Tgt Ion:128 Resp: 144690
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.4 12.6

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#96
1,2,3-Trichlorobenzene
Concen: 19.213 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073073.D
Acq: 17 May 2022 23:53



Tgt Ion:180 Resp: 72433
Ion Ratio Lower Upper
180 100
182 98.4 47.6 142.9
145 33.0 17.1 51.3

