

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031323\
 Data File : VD075507.D
 Acq On : 13 Mar 2023 13:54
 Operator : KP/SY
 Sample : VD0313SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0313SBS01

Quant Time: Mar 14 05:57:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	116286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	192170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	171195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	83737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	53762	50.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.900%	
35) Dibromofluoromethane	7.804	113	68466	52.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.040%	
50) Toluene-d8	10.269	98	280572	53.962	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.920%	
62) 4-Bromofluorobenzene	12.575	95	77053	51.264	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	24244	20.907	ug/l	95
3) Chloromethane	2.152	50	39282	20.114	ug/l	95
4) Vinyl Chloride	2.287	62	56543	20.261	ug/l	99
5) Bromomethane	2.693	94	41082	18.791	ug/l	99
6) Chloroethane	2.840	64	37046	19.819	ug/l	99
7) Trichlorofluoromethane	3.181	101	45433	20.199	ug/l	95
8) Diethyl Ether	3.593	74	11052	18.407	ug/l	66
9) 1,1,2-Trichlorotrifluo...	3.969	101	29455	20.126	ug/l	92
10) Methyl Iodide	4.169	142	33966	19.454	ug/l	91
11) Tert butyl alcohol	5.058	59	4008	82.259	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	27267	18.866	ug/l #	78
13) Acrolein	3.793	56	9556	98.564	ug/l	98
14) Allyl chloride	4.563	41	22546	18.130	ug/l #	81
15) Acrylonitrile	5.258	53	19663	89.306	ug/l	98
16) Acetone	4.028	43	15960	77.729	ug/l	92
17) Carbon Disulfide	4.275	76	85265	19.553	ug/l	99
18) Methyl Acetate	4.563	43	10501	18.798	ug/l #	73
19) Methyl tert-butyl Ether	5.322	73	45190	18.030	ug/l	99
20) Methylene Chloride	4.805	84	36762	21.170	ug/l #	68
21) trans-1,2-Dichloroethene	5.316	96	31033	18.887	ug/l #	75
22) Diisopropyl ether	6.216	45	50380	18.691	ug/l #	90
23) Vinyl Acetate	6.157	43	116759	89.261	ug/l #	84
24) 1,1-Dichloroethane	6.116	63	43907	18.807	ug/l	95
25) 2-Butanone	7.081	43	21205	86.185	ug/l #	64
26) 2,2-Dichloropropane	7.081	77	41149	19.163	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	33638	19.105	ug/l	80
28) Bromochloromethane	7.428	49	14697	19.527	ug/l #	45
29) Tetrahydrofuran	7.446	42	11540	86.178	ug/l #	56
30) Chloroform	7.599	83	49871	19.234	ug/l	99
31) Cyclohexane	7.881	56	35871	19.086	ug/l #	70
32) 1,1,1-Trichloroethane	7.793	97	44000	19.353	ug/l	95
36) 1,1-Dichloropropene	8.010	75	39527	20.265	ug/l	95
37) Ethyl Acetate	7.169	43	9225	18.152	ug/l #	81
38) Carbon Tetrachloride	7.993	117	36747	19.662	ug/l	93
39) Methylcyclohexane	9.281	83	46014	18.711	ug/l	90
40) Benzene	8.252	78	114324	19.558	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	5152	19.238	ug/l #	68
42) 1,2-Dichloroethane	8.328	62	25342	19.695	ug/l	90
43) Isopropyl Acetate	8.363	43	17601	18.717	ug/l #	78
44) Trichloroethene	9.028	130	32932	19.169	ug/l	98
45) 1,2-Dichloropropane	9.310	63	23934	19.047	ug/l	92
46) Dibromomethane	9.399	93	15352	19.822	ug/l	98
47) Bromodichloromethane	9.587	83	36154	19.278	ug/l	99
48) Methyl methacrylate	9.381	41	8245	18.663	ug/l #	63
49) 1,4-Dioxane	9.381	88	2530	360.103	ug/l #	72
51) 4-Methyl-2-Pentanone	10.163	43	43683	89.320	ug/l #	77
52) Toluene	10.334	92	72685	19.189	ug/l	92
53) t-1,3-Dichloropropene	10.557	75	31854	18.881	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	39879	19.248	ug/l #	77
55) 1,1,2-Trichloroethane	10.740	97	20232	18.453	ug/l	89
56) Ethyl methacrylate	10.598	69	19107	18.303	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	32070	19.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	48839	95.594	ug/l #	85
59) 2-Hexanone	10.922	43	28663	82.876	ug/l	66
60) Dibromochloromethane	11.075	129	24011	18.536	ug/l	98
61) 1,2-Dibromoethane	11.181	107	19938	19.309	ug/l	98
64) Tetrachloroethene	10.810	164	27611	20.437	ug/l	96
65) Chlorobenzene	11.610	112	79266	19.523	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.687	131	26611	19.132	ug/l	95
67) Ethyl Benzene	11.687	91	135519	19.381	ug/l	97
68) m/p-Xylenes	11.798	106	109831	39.081	ug/l	93
69) o-Xylene	12.122	106	47477	18.191	ug/l	97
70) Styrene	12.140	104	83030	19.125	ug/l	93
71) Bromoform	12.304	173	13244	18.647	ug/l #	93
73) Isopropylbenzene	12.428	105	130027	19.390	ug/l	99
74) N-amyl acetate	12.234	43	14818	17.838	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.675	83	21761	19.134	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	25098	36.545	ug/l #	100
77) Bromobenzene	12.704	156	29628	18.585	ug/l	91
78) n-propylbenzene	12.769	91	158099	19.403	ug/l	98
79) 2-Chlorotoluene	12.851	91	85178	19.292	ug/l	94
80) 1,3,5-Trimethylbenzene	12.910	105	107663	19.579	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	6116	18.732	ug/l #	70
82) 4-Chlorotoluene	12.951	91	90220	19.802	ug/l	95
83) tert-Butylbenzene	13.169	119	93705	19.607	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	104945	19.747	ug/l	95
85) sec-Butylbenzene	13.351	105	144758	19.565	ug/l	99
86) p-Isopropyltoluene	13.463	119	116908	19.337	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	62738	19.038	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	61341	18.817	ug/l	98
89) n-Butylbenzene	13.792	91	107858	19.452	ug/l	99
90) Hexachloroethane	14.057	117	22803	19.533	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	52040	18.661	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2799	19.557	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	28882	17.760	ug/l	96
94) Hexachlorobutadiene	15.210	225	14746	19.011	ug/l	95
95) Naphthalene	15.339	128	50026	16.757	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	24483	17.447	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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QLast Update : Fri Mar 10 23:52:37 2023
Response via : Initial Calibration

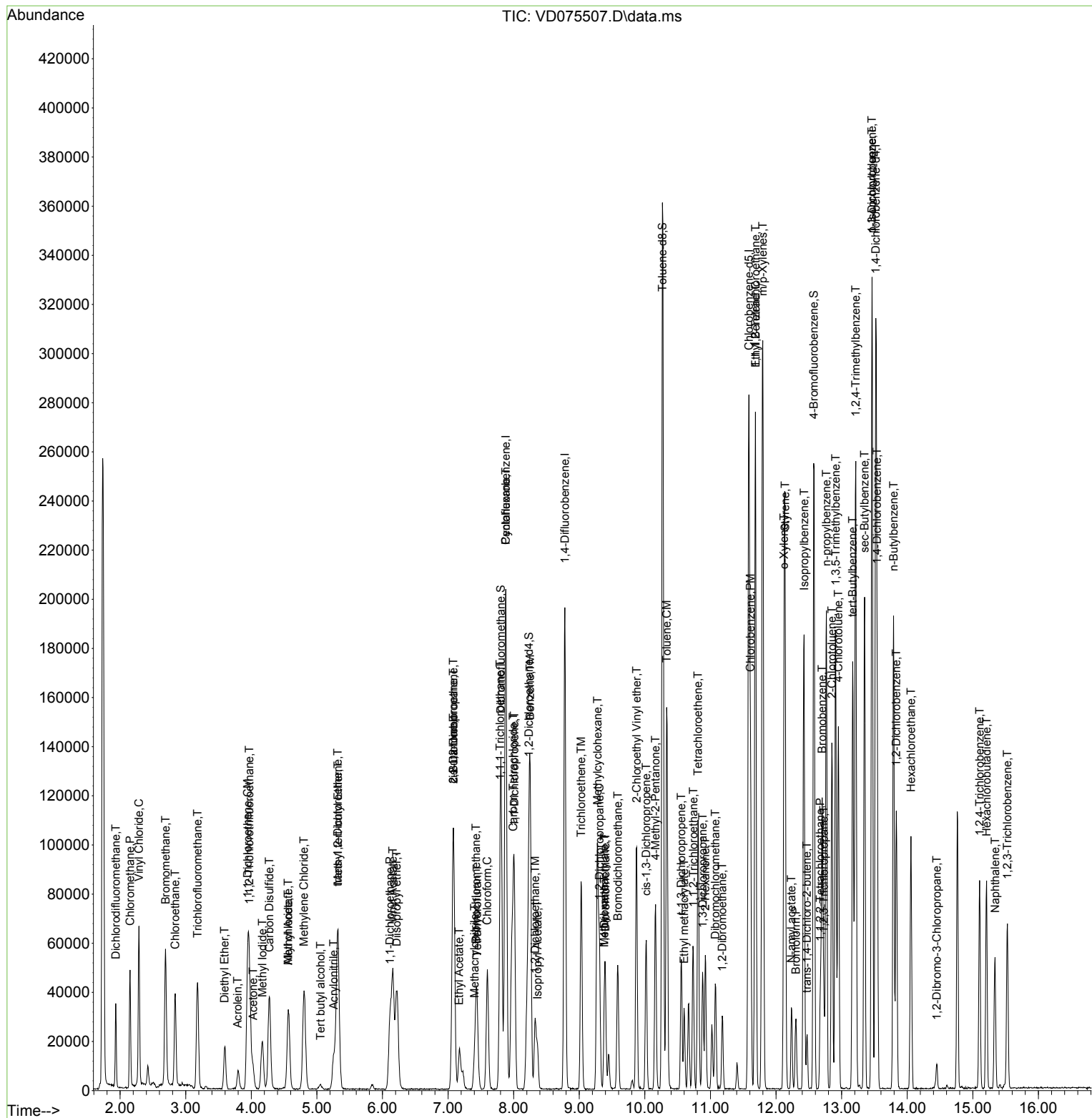
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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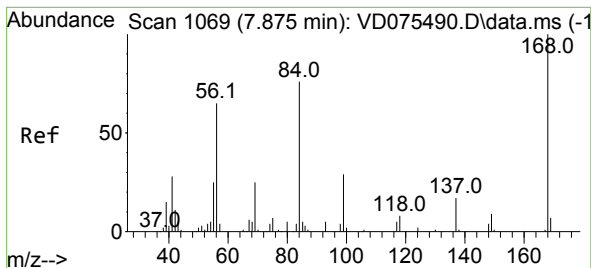
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

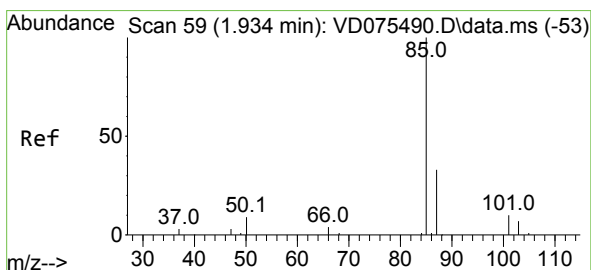
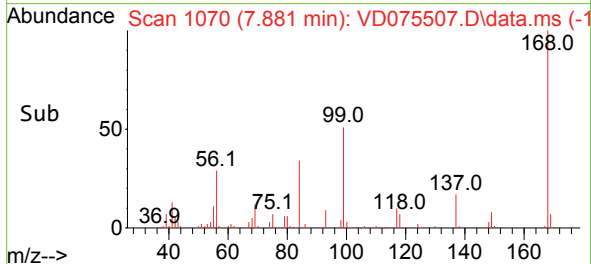
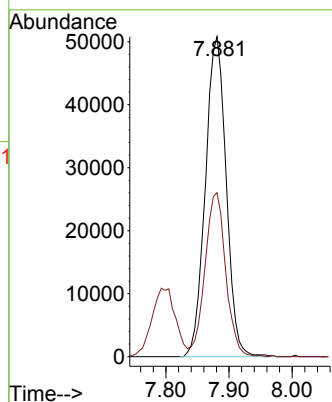
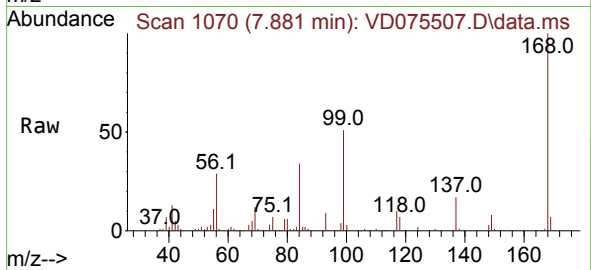
VD0313SBS01

Tgt Ion:168 Resp: 116286

Ion Ratio Lower Upper

168 100

99 51.2 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 20.907 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD075507.D

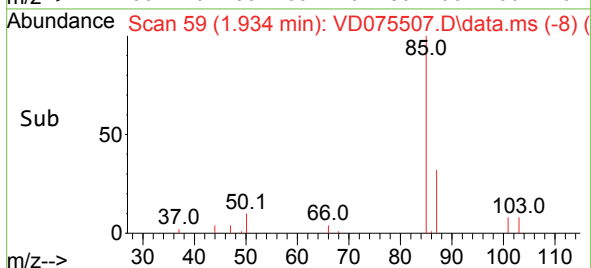
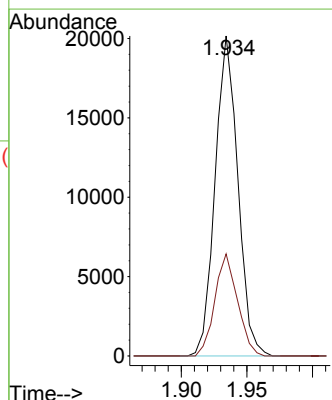
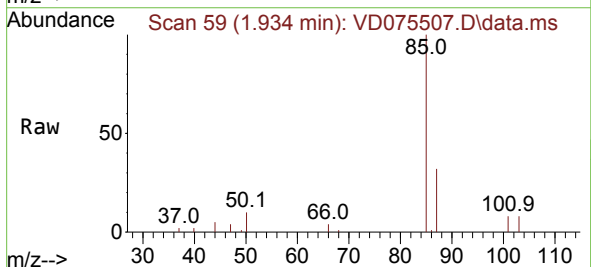
Acq: 13 Mar 2023 13:54

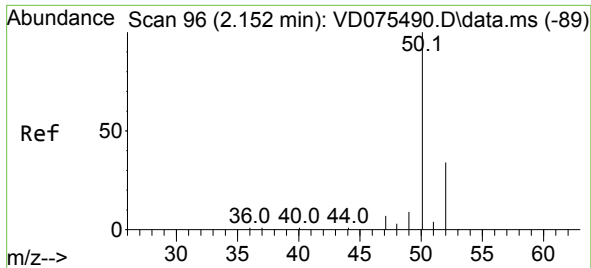
Tgt Ion: 85 Resp: 24244

Ion Ratio Lower Upper

85 100

87 31.9 17.3 51.7

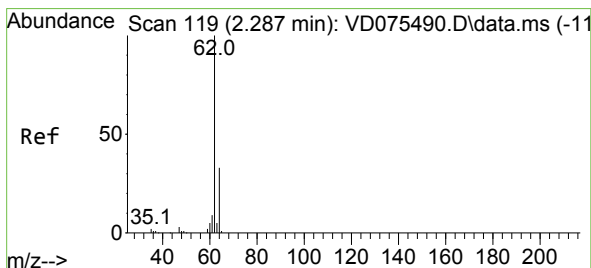
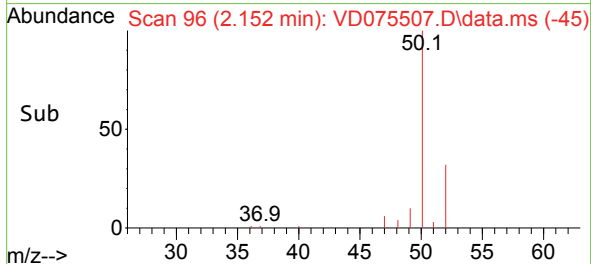
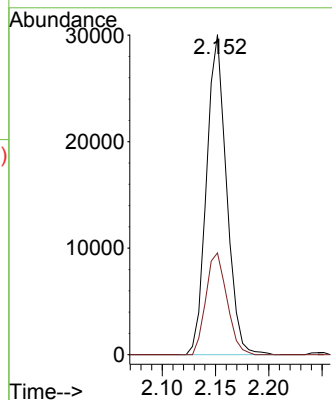
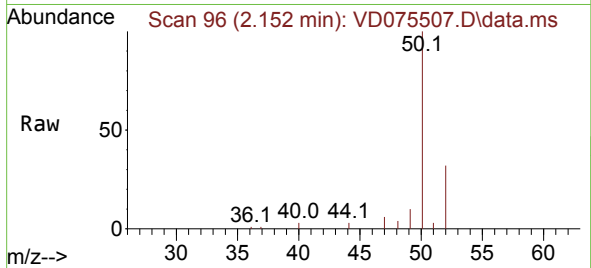




#3
Chloromethane
Concen: 20.114 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

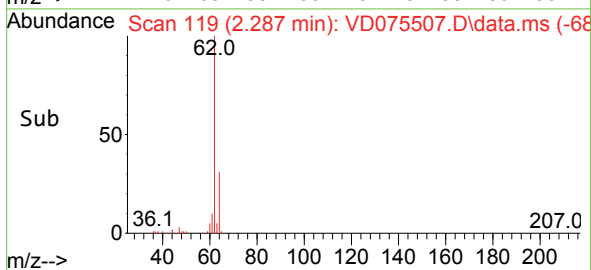
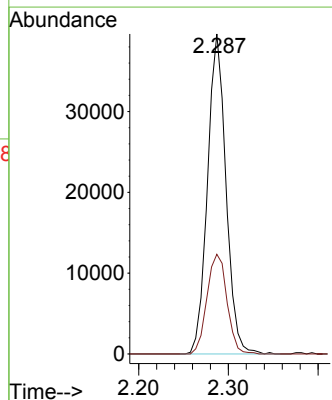
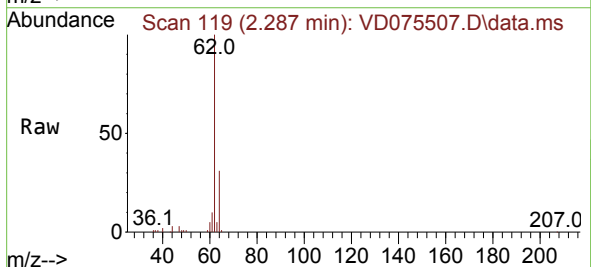
Instrument :
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ClientSampleId :
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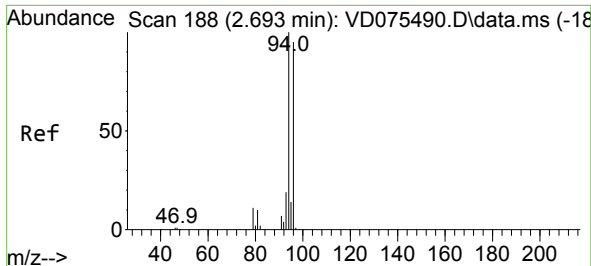
Tgt Ion: 50 Resp: 39282
Ion Ratio Lower Upper
50 100
52 31.8 27.8 41.8



#4
Vinyl Chloride
Concen: 20.261 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 62 Resp: 56543
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0

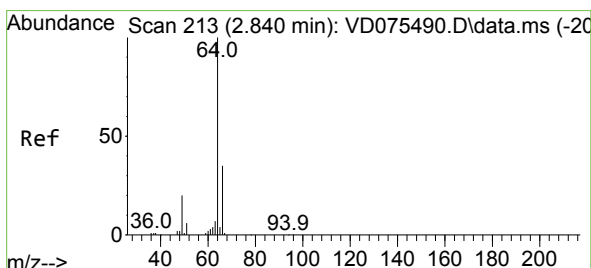
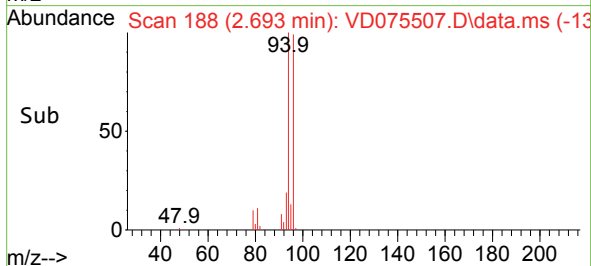
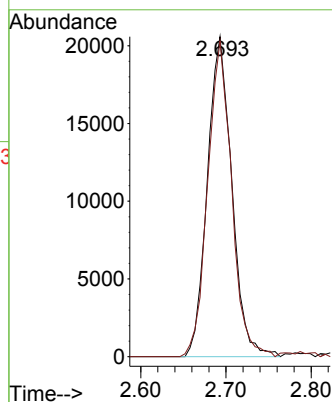
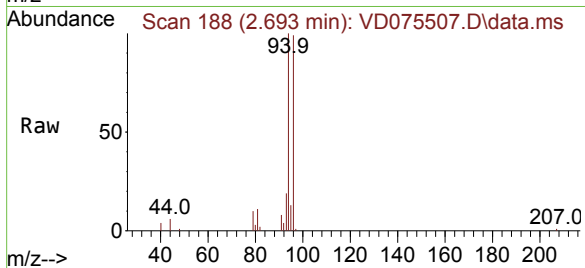




#5
Bromomethane
Concen: 18.791 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

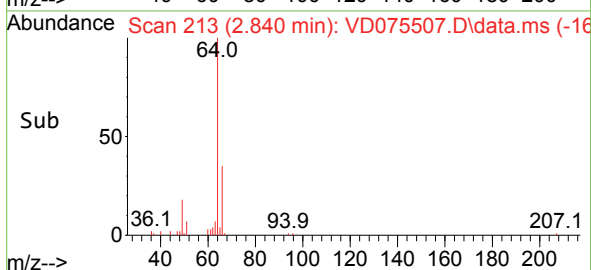
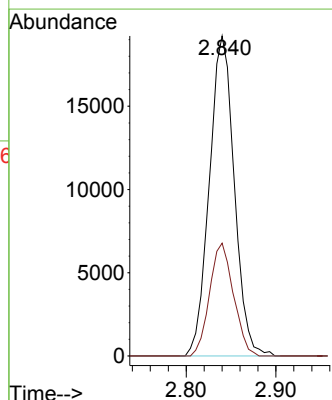
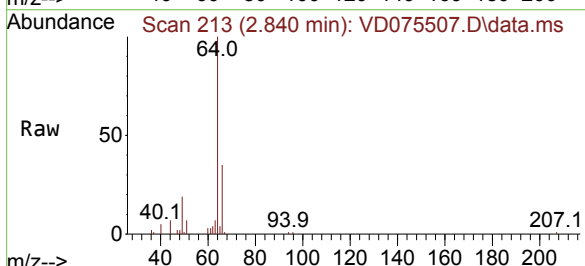
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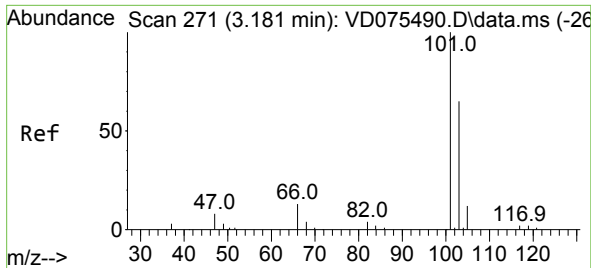
Tgt Ion: 94 Resp: 41082
Ion Ratio Lower Upper
94 100
96 96.3 77.5 116.3



#6
Chloroethane
Concen: 19.819 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 64 Resp: 37046
Ion Ratio Lower Upper
64 100
66 35.2 27.7 41.5

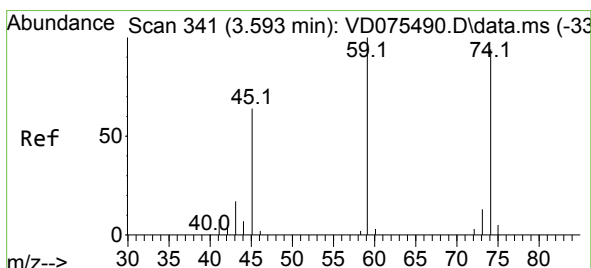
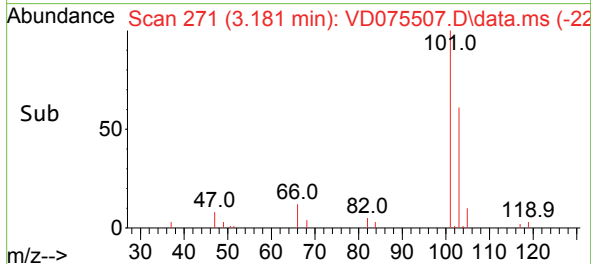
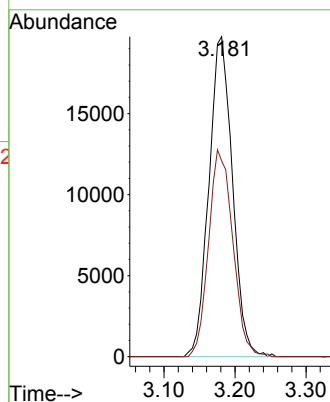
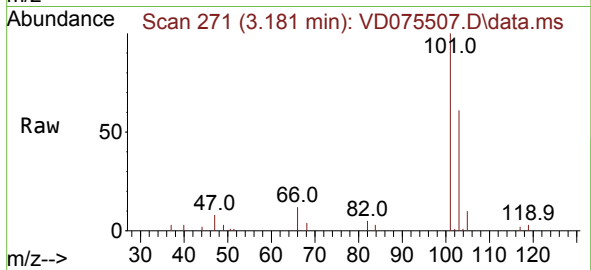




#7
Trichlorofluoromethane
Concen: 20.199 ug/l
RT: 3.181 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

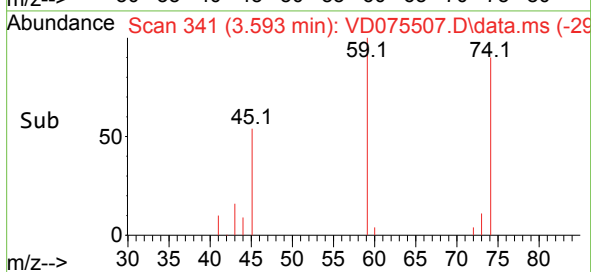
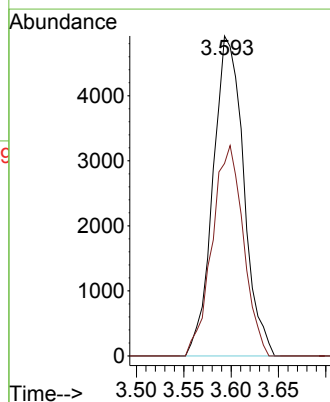
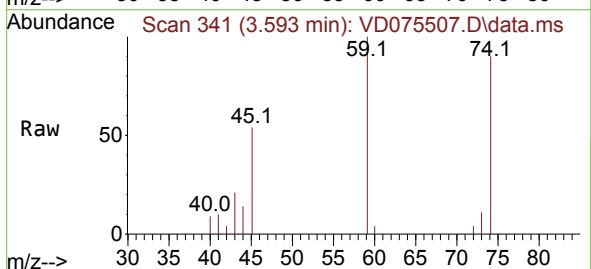
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VD0313SBSD01

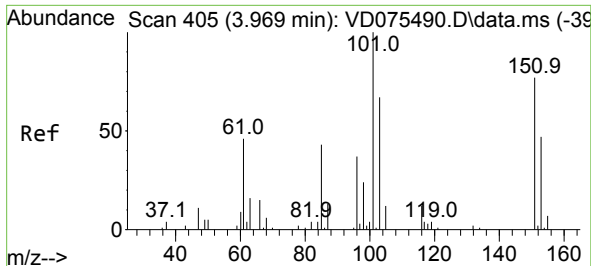
Tgt Ion:101 Resp: 45433
Ion Ratio Lower Upper
101 100
103 61.2 51.9 77.9



#8
Diethyl Ether
Concen: 18.407 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 74 Resp: 11052
Ion Ratio Lower Upper
74 100
45 67.1 50.9 152.7

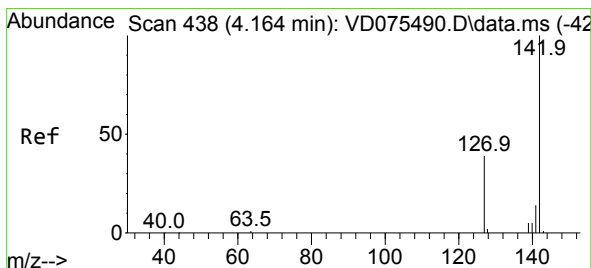
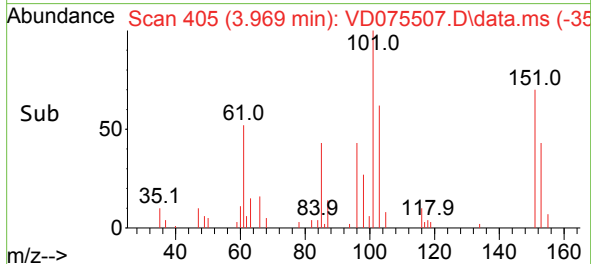
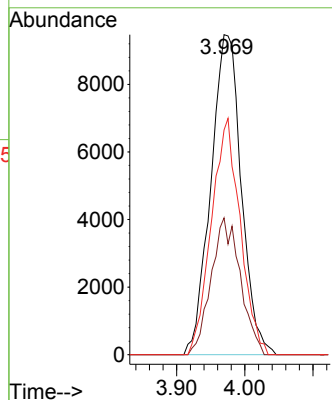
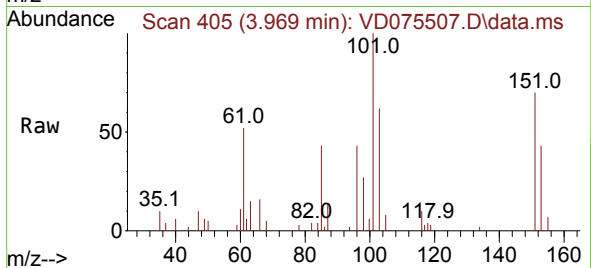




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.126 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

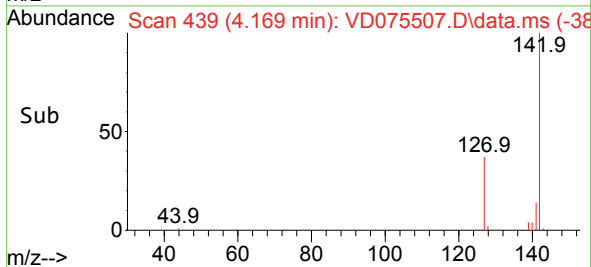
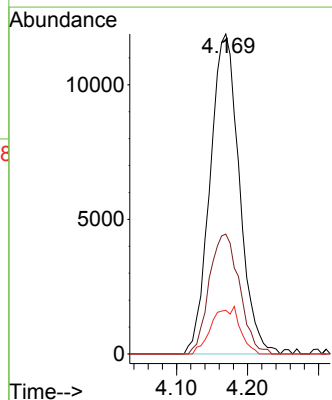
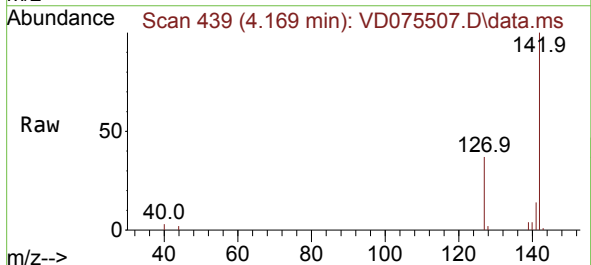
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

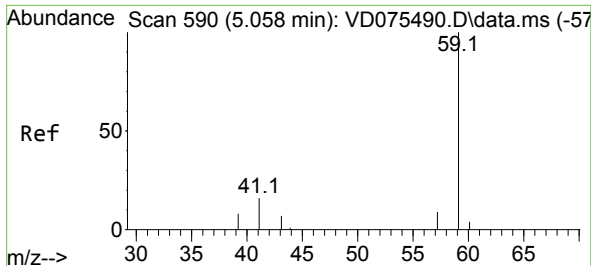
Tgt Ion:101 Resp: 29455
Ion Ratio Lower Upper
101 100
85 41.0 38.3 57.5
151 69.8 60.4 90.6



#10
Methyl Iodide
Concen: 19.454 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion:142 Resp: 33966
Ion Ratio Lower Upper
142 100
127 38.7 37.1 55.7
141 14.3 11.3 16.9

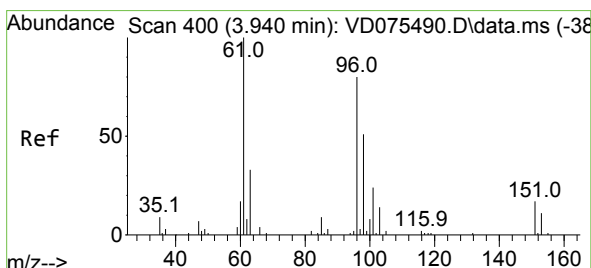
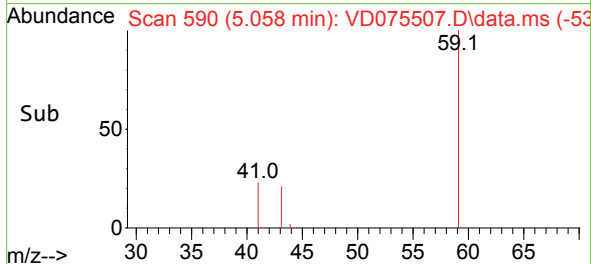
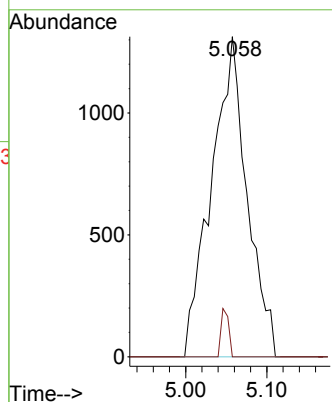
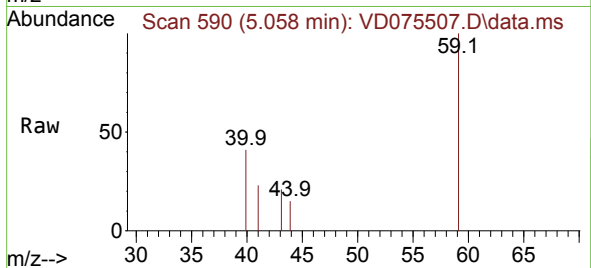




#11
Tert butyl alcohol
Concen: 82.259 ug/l
RT: 5.058 min Scan# 591
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

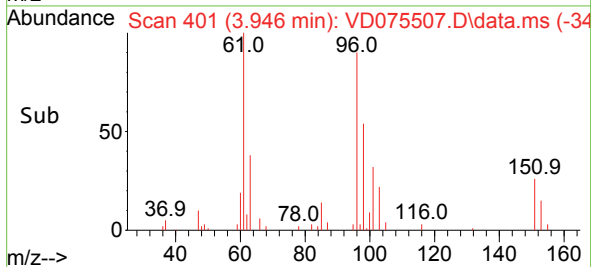
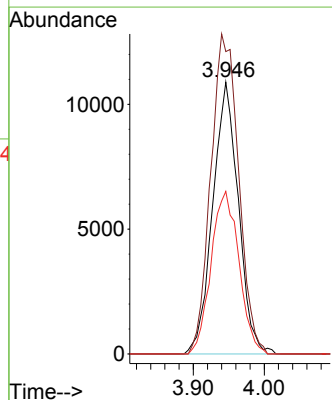
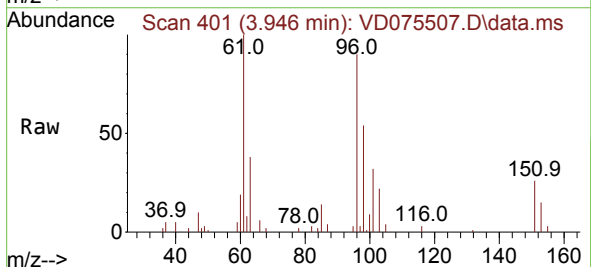
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

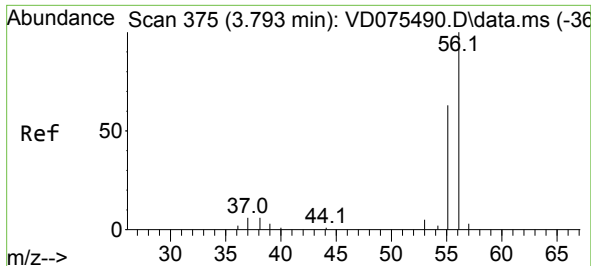
Tgt Ion: 59 Resp: 4008
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#12
1,1-Dichloroethene
Concen: 18.866 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 96 Resp: 27267
Ion Ratio Lower Upper
96 100
61 111.3 118.6 177.8#
98 59.8 49.7 74.5





#13

Acrolein

Concen: 98.564 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

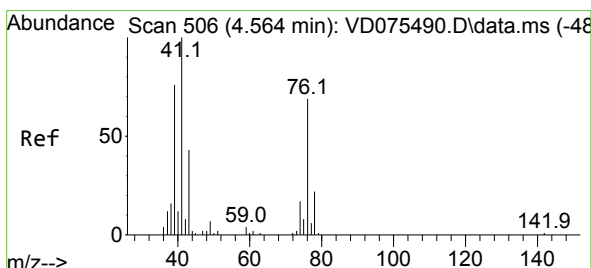
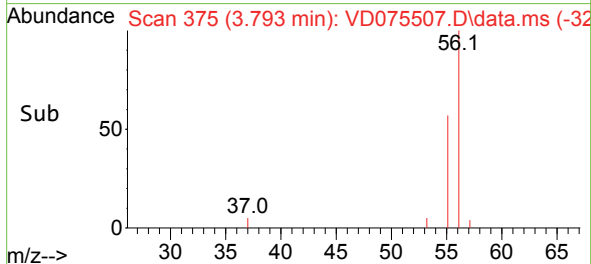
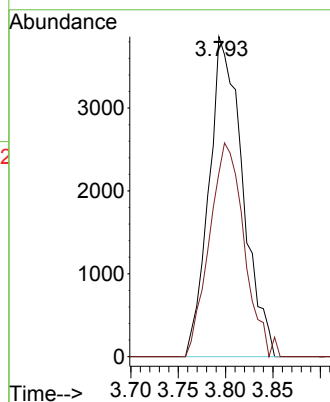
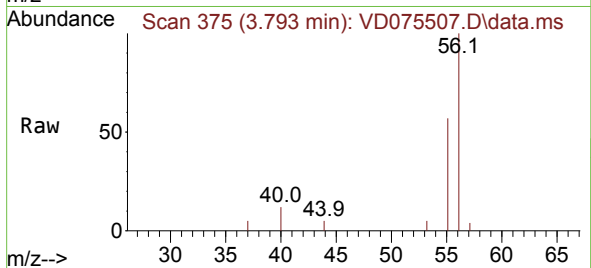
VD0313SBSD01

Tgt Ion: 56 Resp: 9556

Ion Ratio Lower Upper

56 100

55 68.9 53.9 80.9



#14

Allyl chloride

Concen: 18.130 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

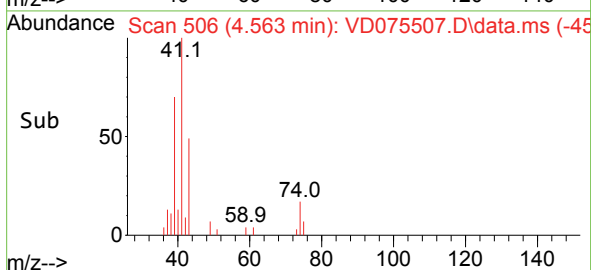
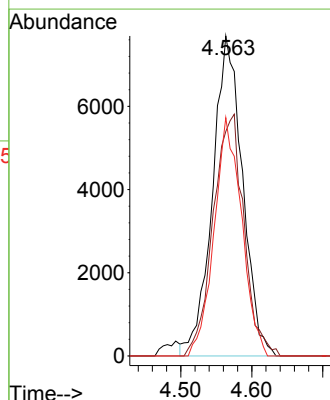
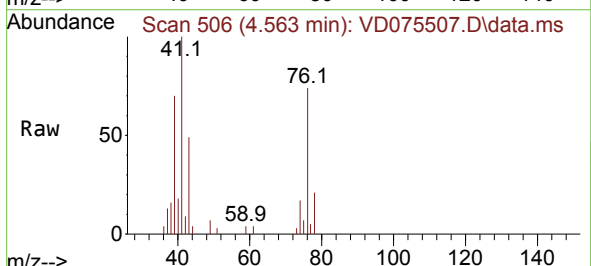
Tgt Ion: 41 Resp: 22546

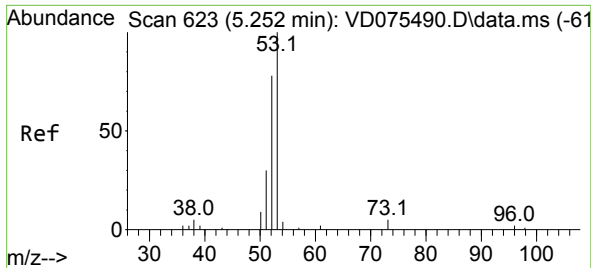
Ion Ratio Lower Upper

41 100

39 77.5 60.6 90.8

76 68.3 28.6 43.0#

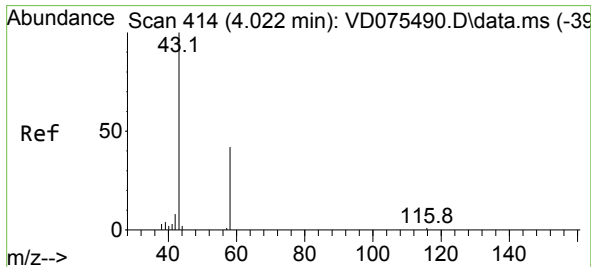
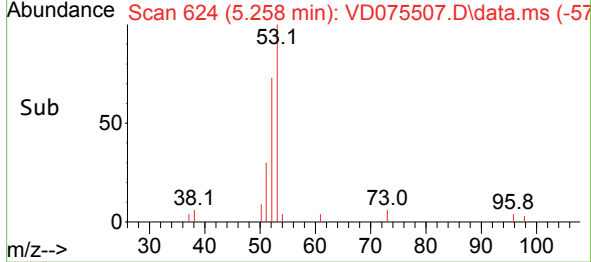
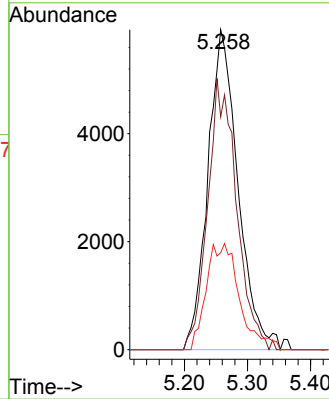
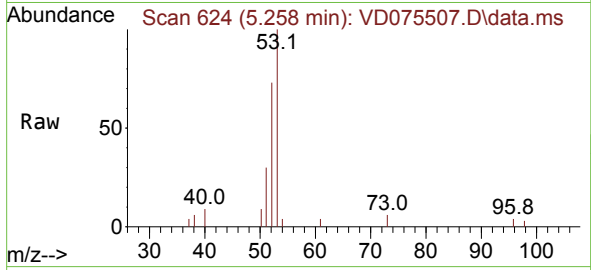




#15
Acrylonitrile
Concen: 89.306 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

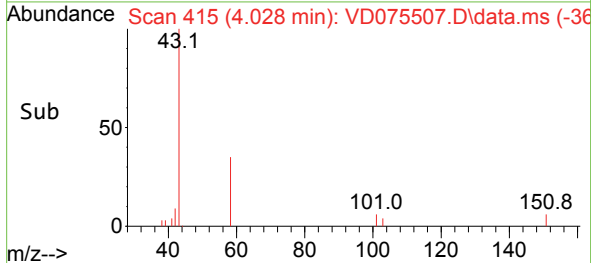
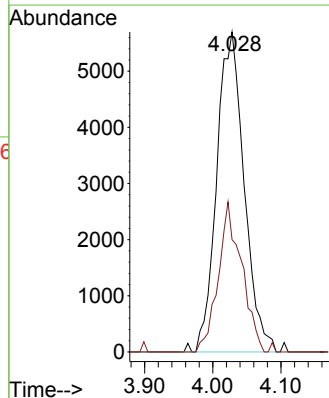
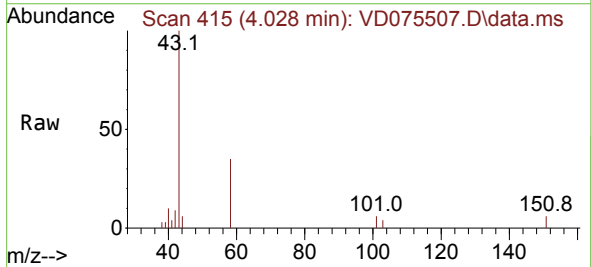
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

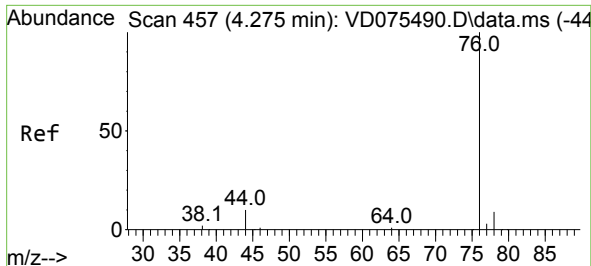
Tgt Ion: 53	Resp: 19663
Ion Ratio	Lower Upper
53 100	
52 81.0	66.2 99.4
51 36.5	30.7 46.1



#16
Acetone
Concen: 77.729 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 43	Resp: 15960
Ion Ratio	Lower Upper
43 100	
58 35.1	24.4 36.6

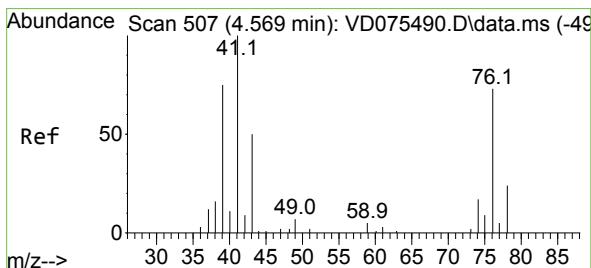
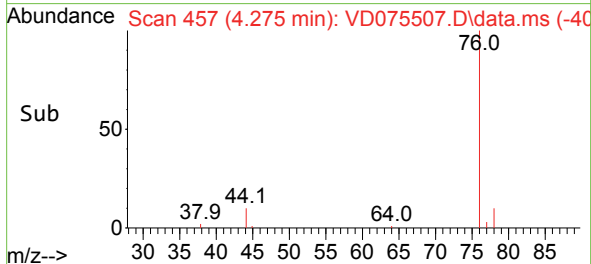
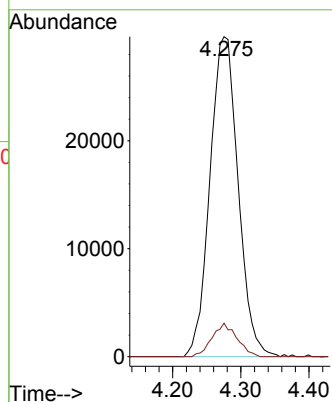
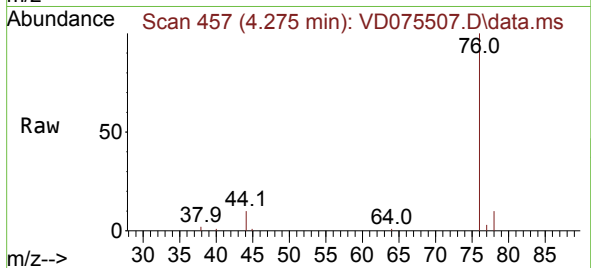




#17
Carbon Disulfide
Concen: 19.553 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

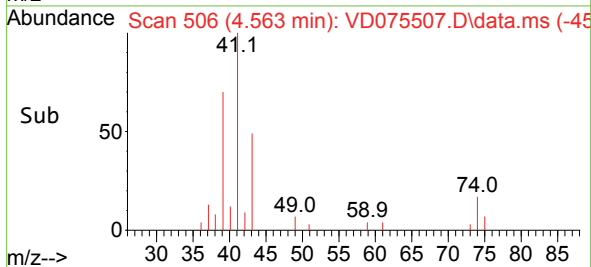
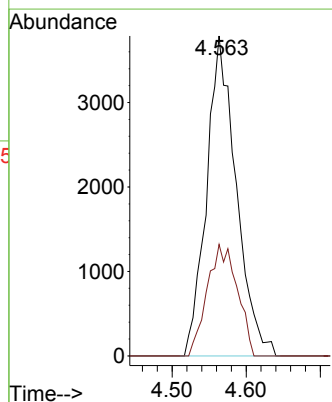
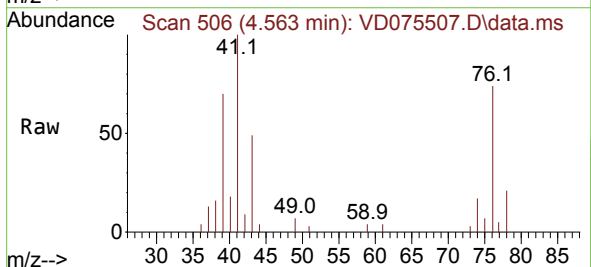
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

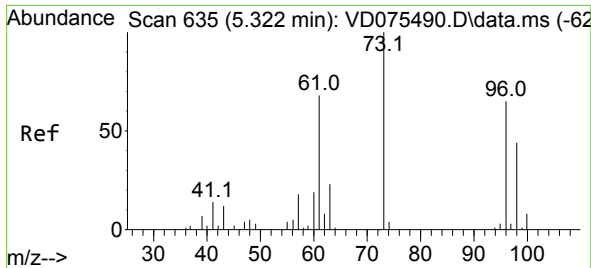
Tgt Ion: 76 Resp: 85265
Ion Ratio Lower Upper
76 100
78 10.5 8.0 12.0



#18
Methyl Acetate
Concen: 18.798 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 43 Resp: 10501
Ion Ratio Lower Upper
43 100
74 35.3 17.8 26.6#

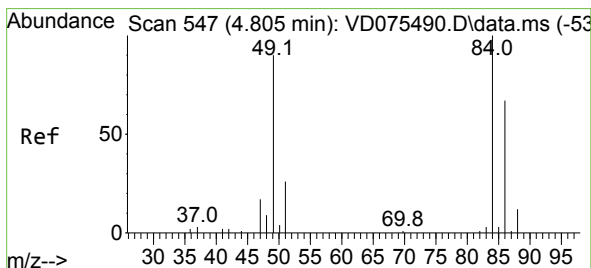
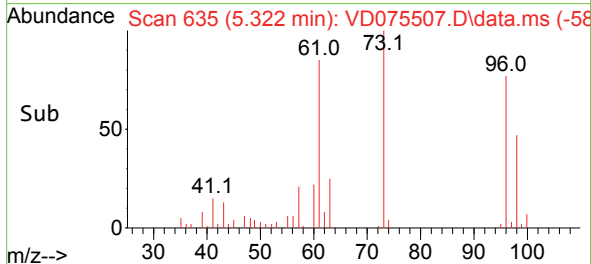
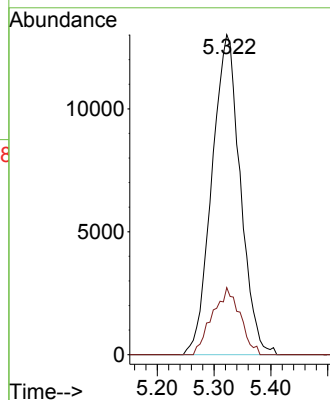
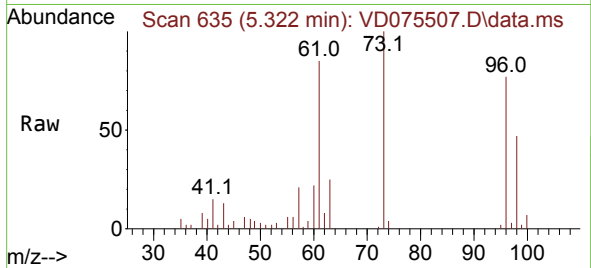




#19
Methyl tert-butyl Ether
Concen: 18.030 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

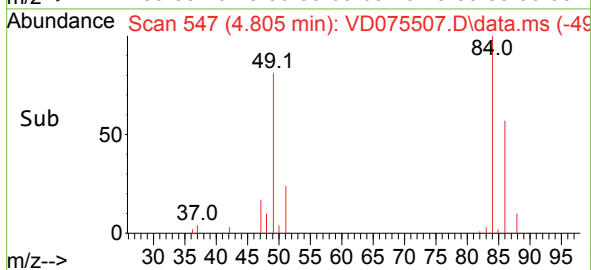
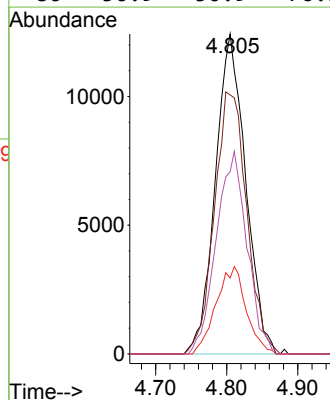
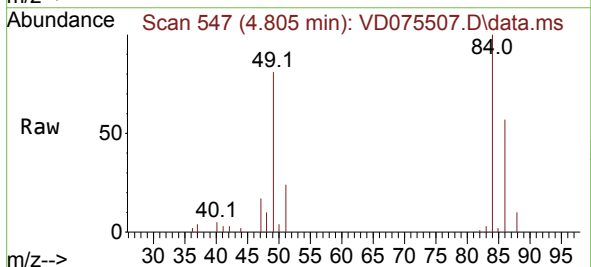
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

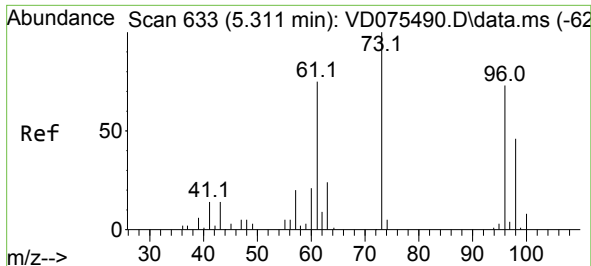
Tgt Ion: 73 Resp: 45190
Ion Ratio Lower Upper
73 100
57 21.0 17.2 25.8



#20
Methylene Chloride
Concen: 21.170 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 84 Resp: 36762
Ion Ratio Lower Upper
84 100
49 80.9 106.4 159.6#
51 23.8 32.4 48.6#
86 56.9 50.9 76.3

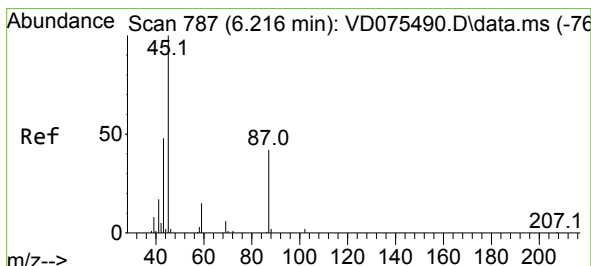
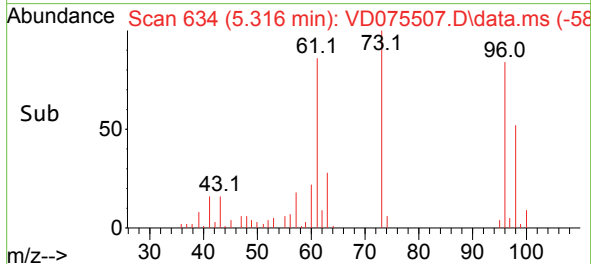
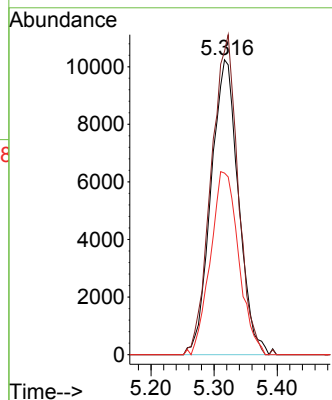
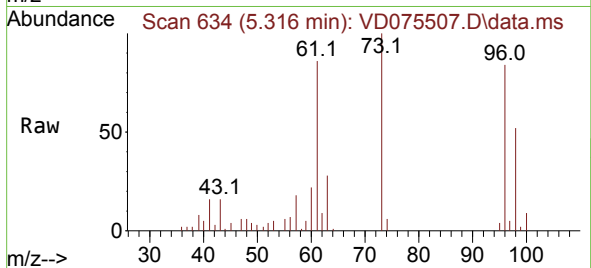




#21
trans-1,2-Dichloroethene
Concen: 18.887 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

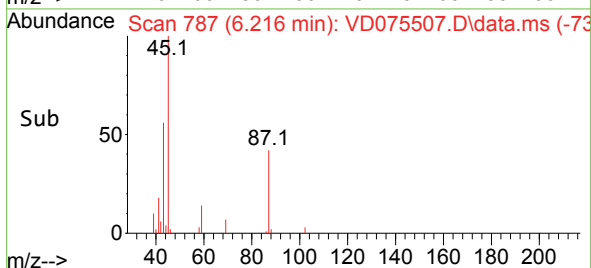
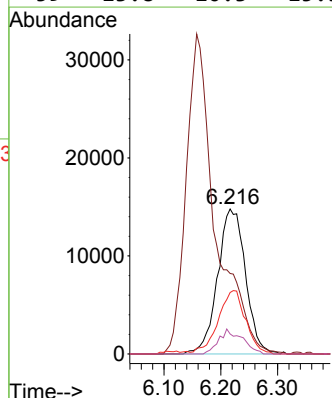
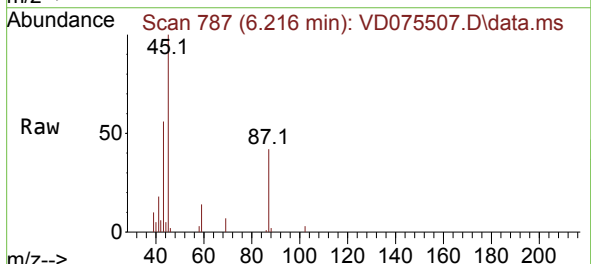
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

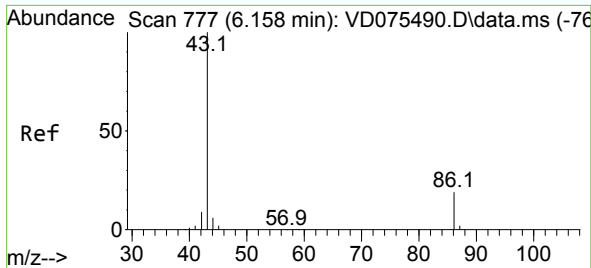
Tgt Ion: 96 Resp: 31033
Ion Ratio Lower Upper
96 100
61 102.9 117.2 175.8#
98 61.6 50.6 76.0



#22
Diisopropyl ether
Concen: 18.691 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 45 Resp: 50380
Ion Ratio Lower Upper
45 100
43 54.3 44.4 66.6
87 42.4 20.9 31.3#
59 13.8 10.3 15.5

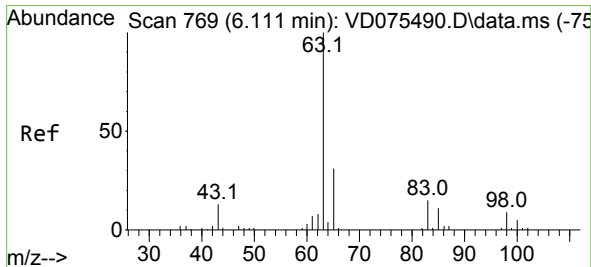
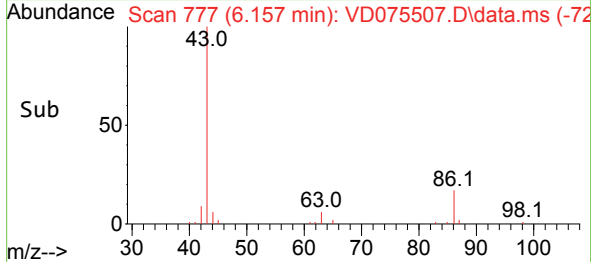
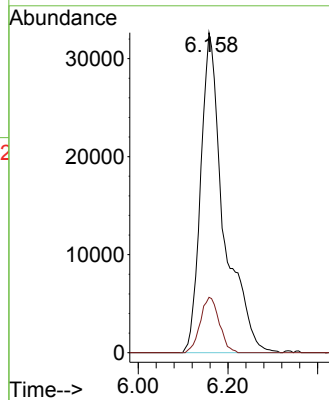
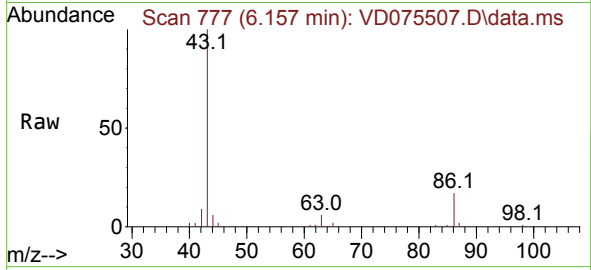




#23
 Vinyl Acetate
 Concen: 89.261 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD075507.D
 Acq: 13 Mar 2023 13:54

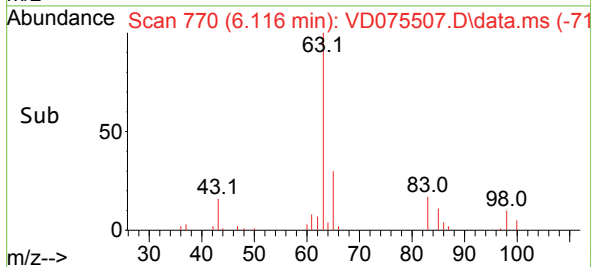
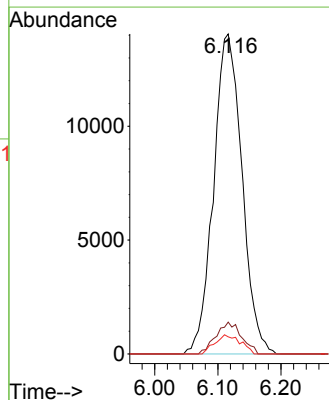
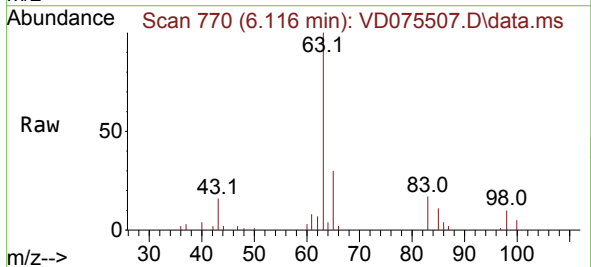
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0313SBSD01

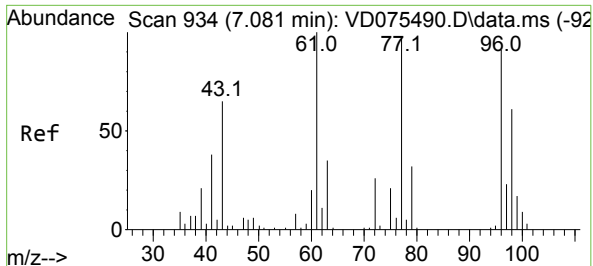
Tgt Ion: 43 Resp: 116759
 Ion Ratio Lower Upper
 43 100
 86 17.3 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 18.807 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD075507.D
 Acq: 13 Mar 2023 13:54

Tgt Ion: 63 Resp: 43907
 Ion Ratio Lower Upper
 63 100
 98 9.9 3.9 11.7
 100 5.3 2.0 6.0





#25

2-Butanone

Concen: 86.185 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

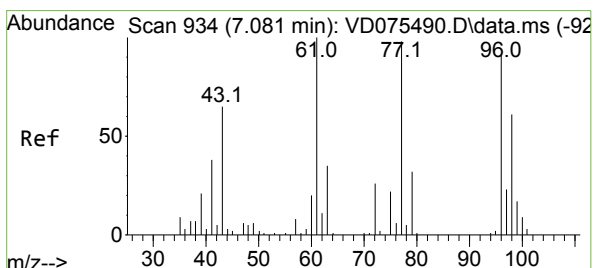
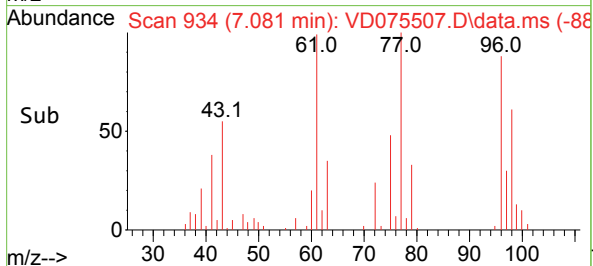
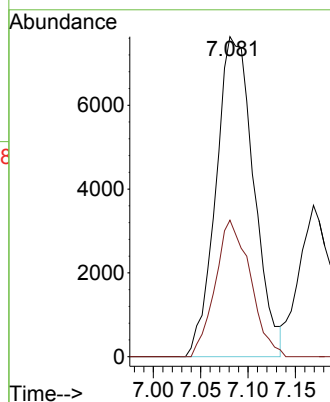
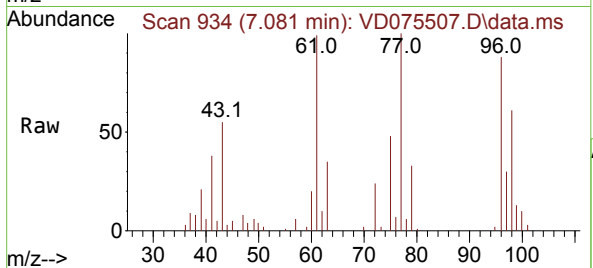
VD0313SBSD01

Tgt Ion: 43 Resp: 21205

Ion Ratio Lower Upper

43 100

72 42.7 19.8 29.8#



#26

2,2-Dichloropropane

Concen: 19.163 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD075507.D

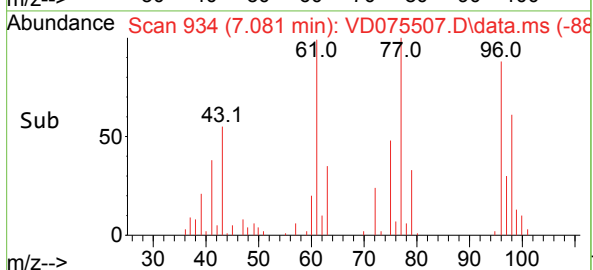
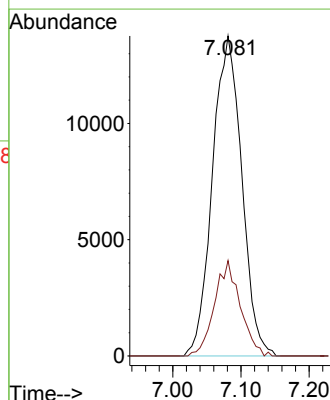
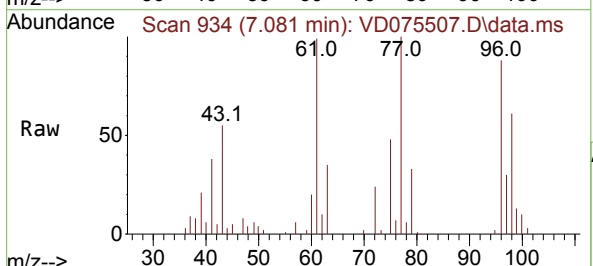
Acq: 13 Mar 2023 13:54

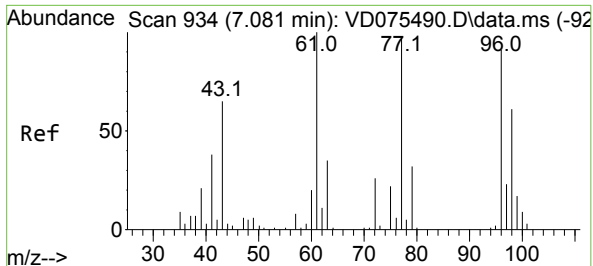
Tgt Ion: 77 Resp: 41149

Ion Ratio Lower Upper

77 100

97 26.2 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.105 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

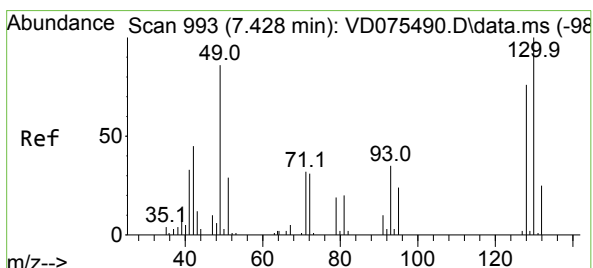
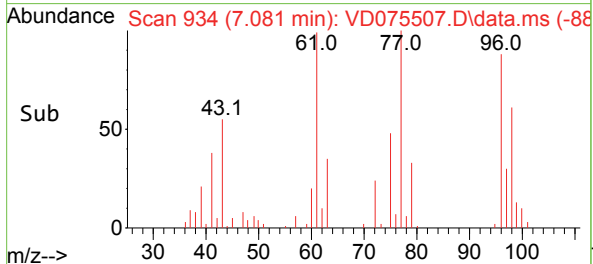
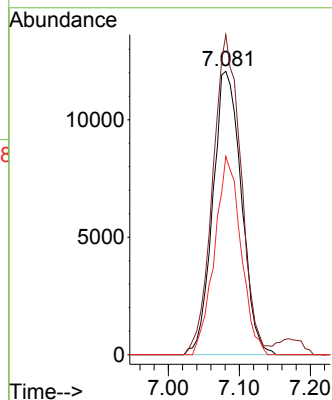
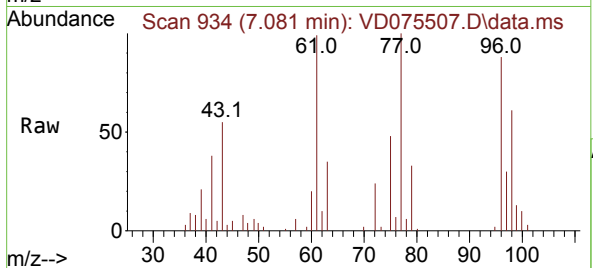
Tgt Ion: 96 Resp: 33638

Ion Ratio Lower Upper

96 100

61 112.0 0.0 295.2

98 64.8 0.0 129.2



#28

Bromochloromethane

Concen: 19.527 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

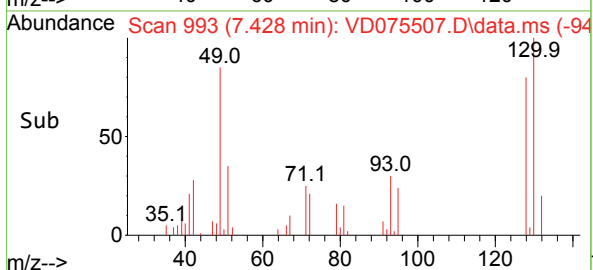
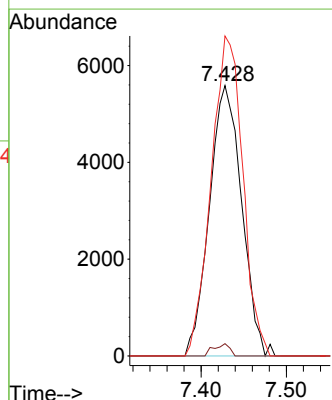
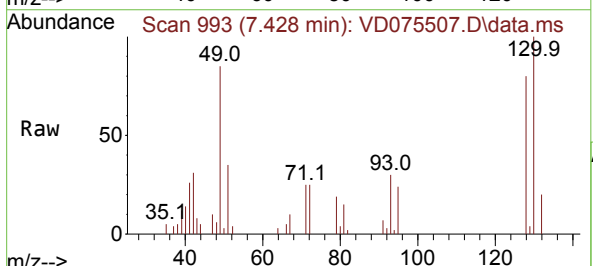
Tgt Ion: 49 Resp: 14697

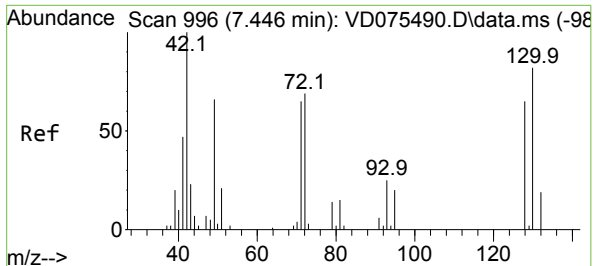
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2#

130 115.9 56.0 84.0#





#29

Tetrahydrofuran

Concen: 86.178 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBSD01

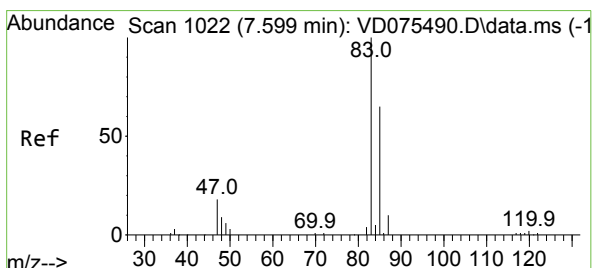
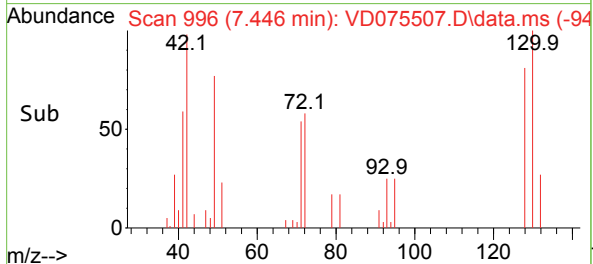
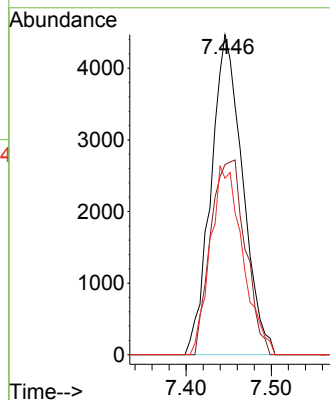
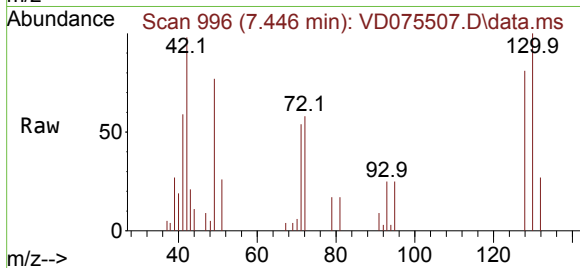
Tgt Ion: 42 Resp: 11540

Ion Ratio Lower Upper

42 100

72 66.6 31.8 47.6#

71 60.4 27.6 41.4#



#30

Chloroform

Concen: 19.234 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075507.D

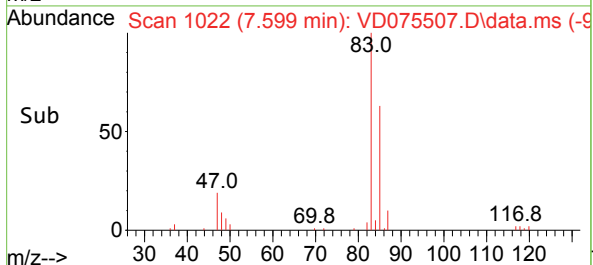
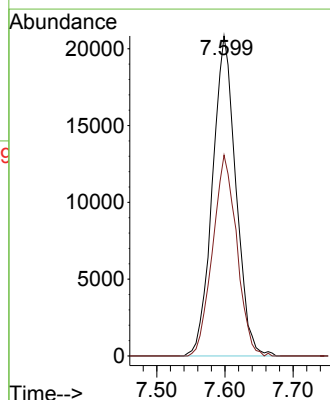
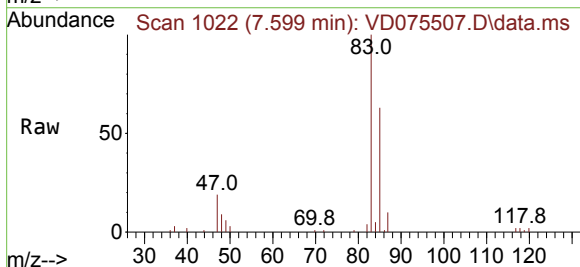
Acq: 13 Mar 2023 13:54

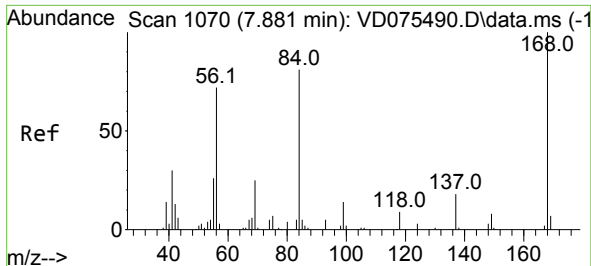
Tgt Ion: 83 Resp: 49871

Ion Ratio Lower Upper

83 100

85 62.8 49.4 74.2

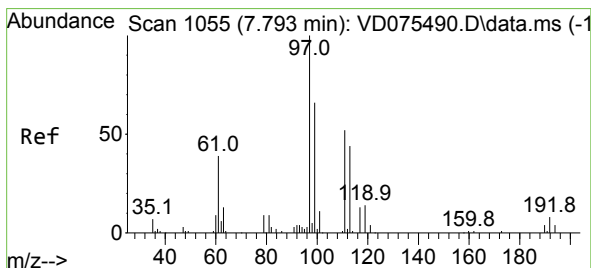
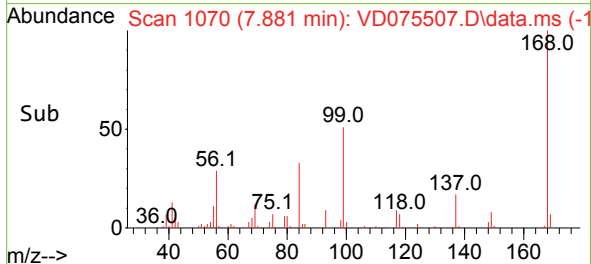
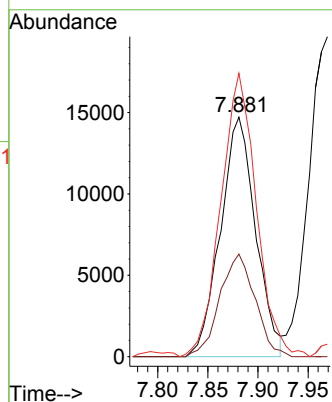
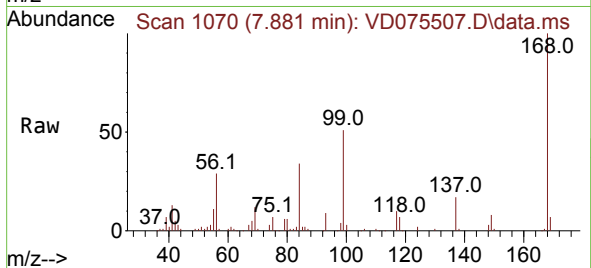




#31
Cyclohexane
Concen: 19.086 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

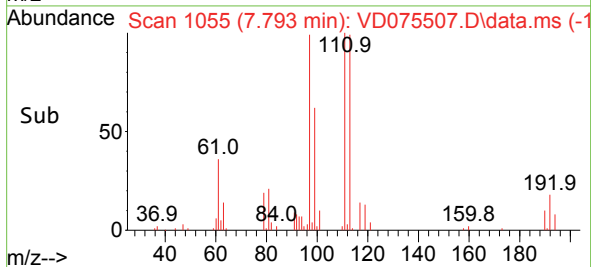
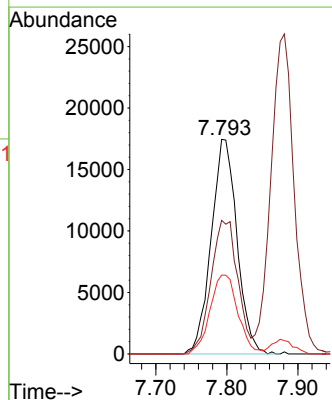
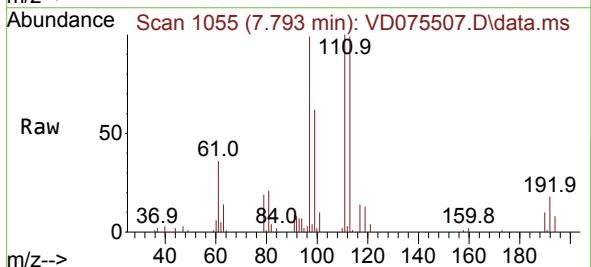
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

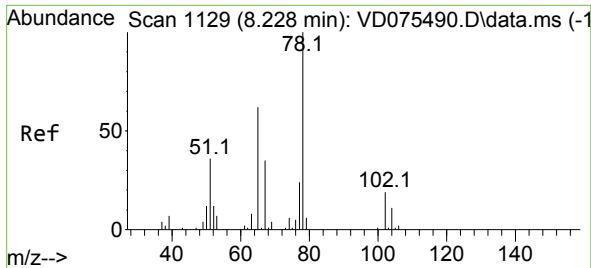
Tgt Ion: 56 Resp: 35871
Ion Ratio Lower Upper
56 100
69 42.8 25.5 38.3#
84 118.3 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 19.353 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 97 Resp: 44000
Ion Ratio Lower Upper
97 100
99 64.8 50.5 75.7
61 39.7 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 50.952 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

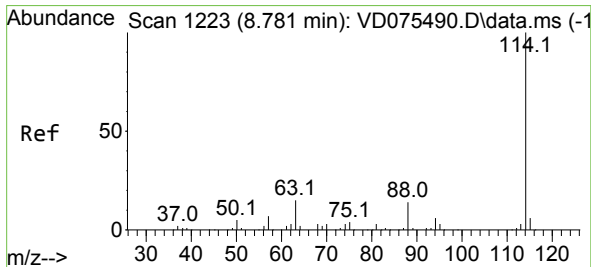
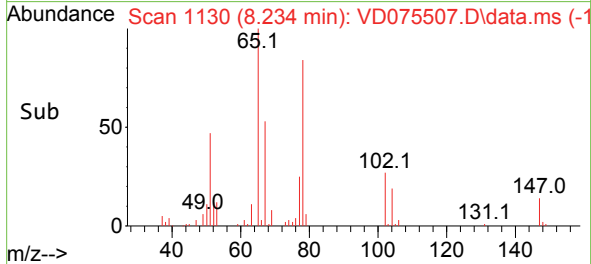
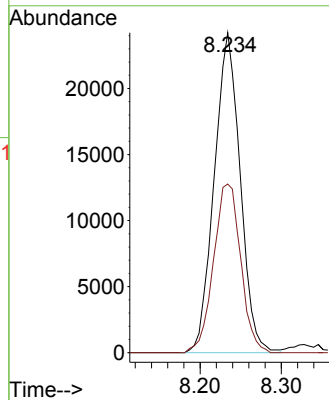
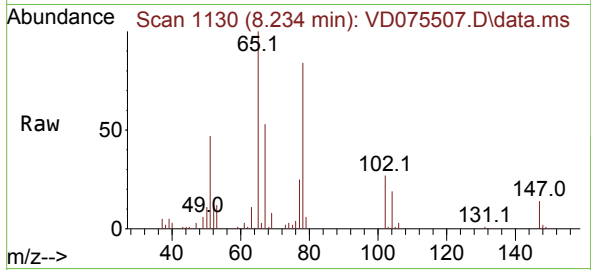
VD0313SBS01

Tgt Ion: 65 Resp: 53762

Ion Ratio Lower Upper

65 100

67 55.2 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

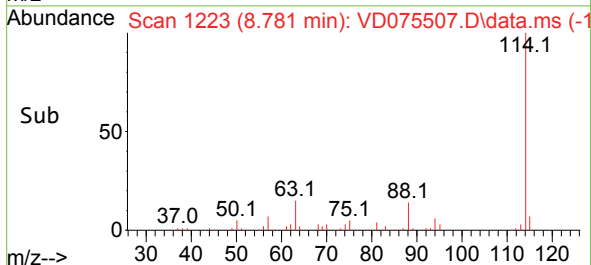
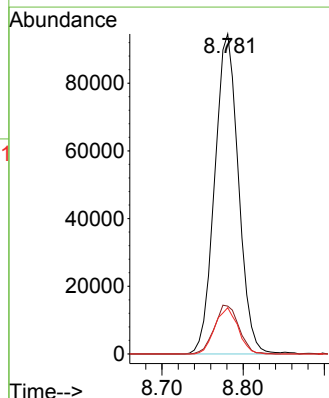
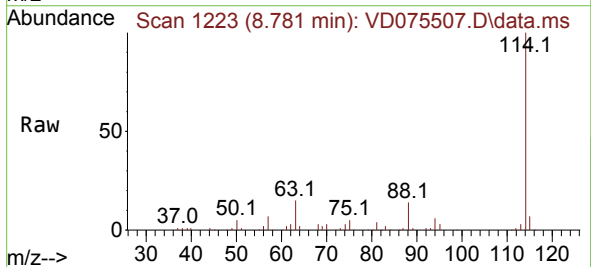
Tgt Ion: 114 Resp: 192170

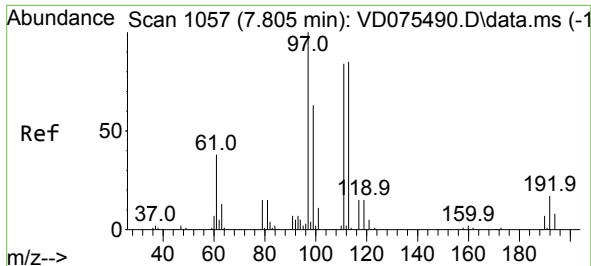
Ion Ratio Lower Upper

114 100

63 15.0 0.0 41.6

88 14.4 0.0 30.6

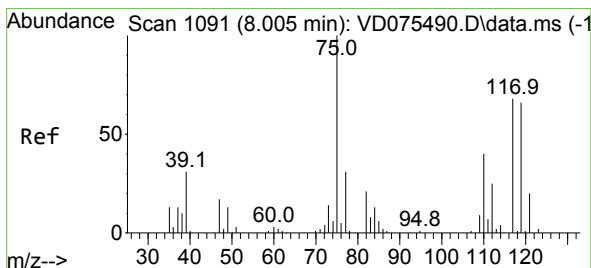
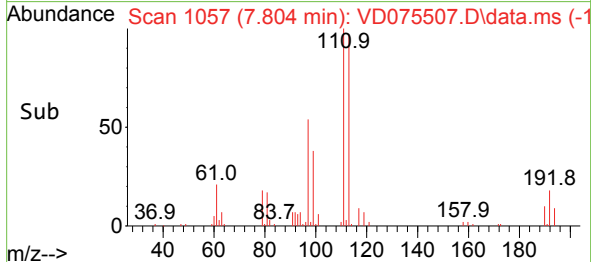
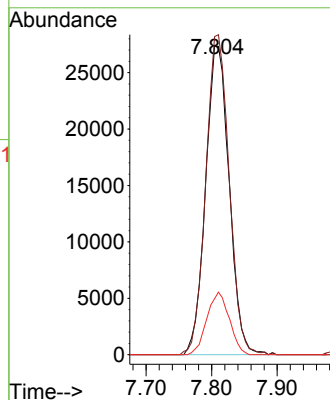
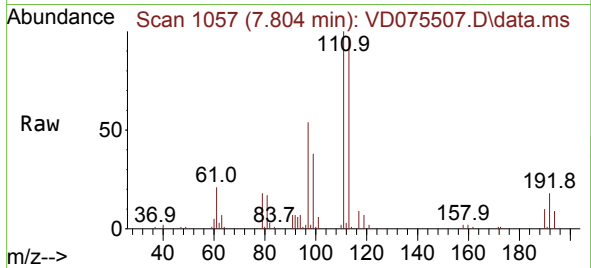




#35
Dibromofluoromethane
Concen: 52.019 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

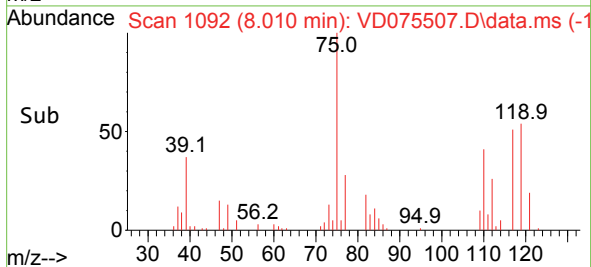
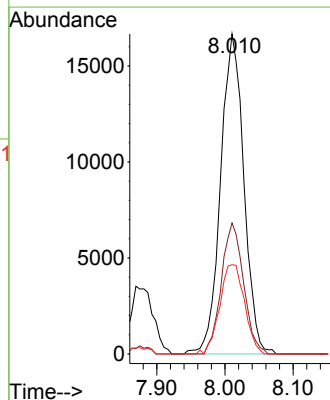
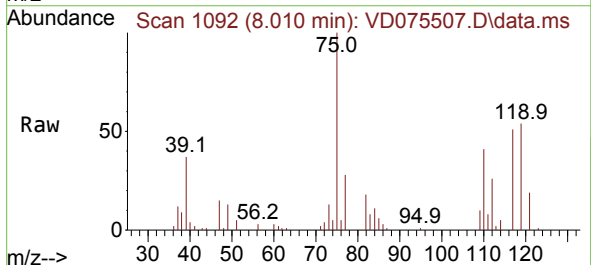
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

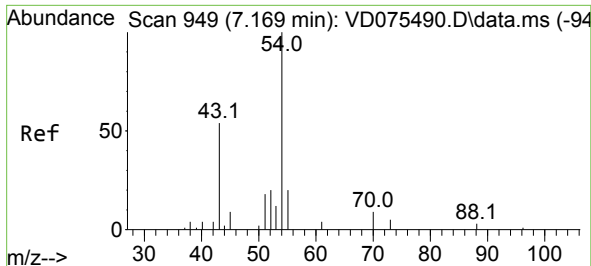
Tgt Ion:113 Resp: 68466
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 19.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 20.265 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 75 Resp: 39527
Ion Ratio Lower Upper
75 100
110 39.0 17.1 51.2
77 29.7 24.6 36.8





#37

Ethyl Acetate

Concen: 18.152 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

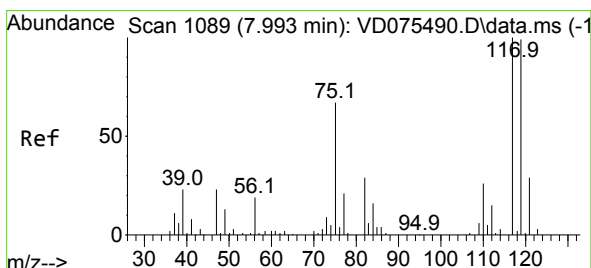
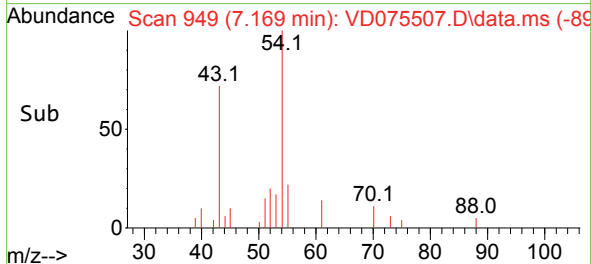
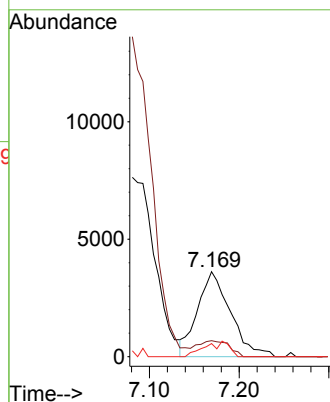
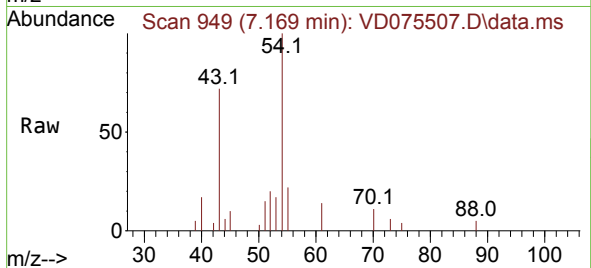
Tgt Ion: 43 Resp: 9225

Ion Ratio Lower Upper

43 100

61 17.8 0.0 0.0#

70 13.5 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 19.662 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

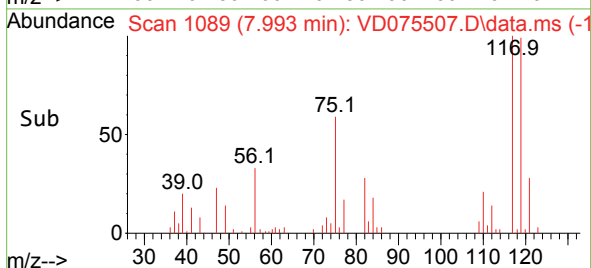
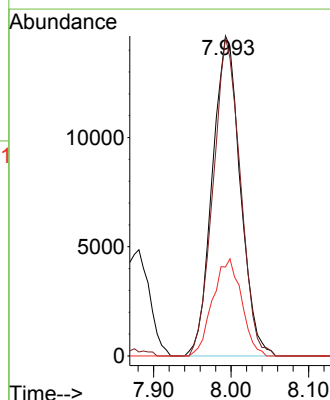
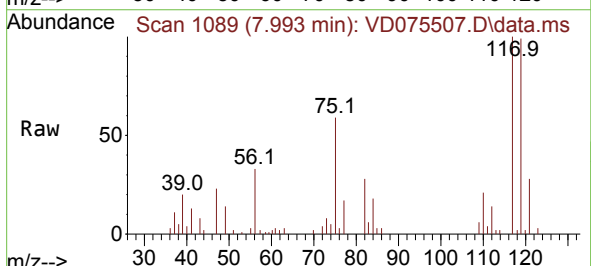
Tgt Ion: 117 Resp: 36747

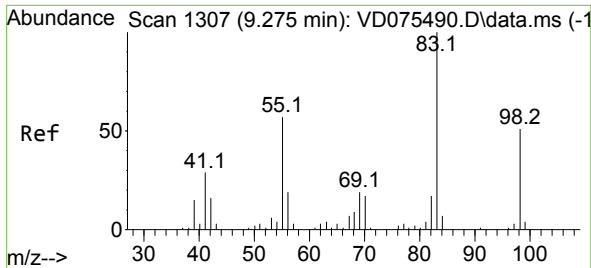
Ion Ratio Lower Upper

117 100

119 99.4 74.7 112.1

121 27.8 25.9 38.9





#39

Methylcyclohexane

Concen: 18.711 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBSD01

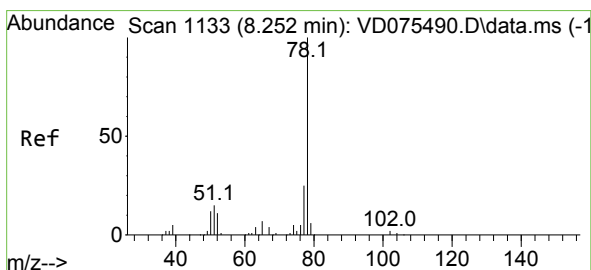
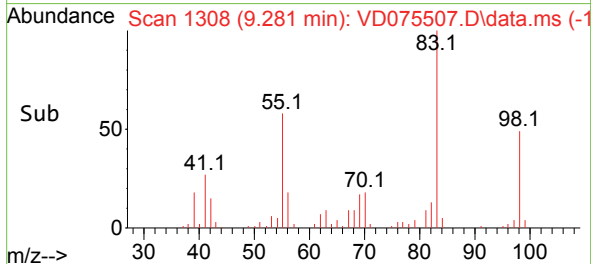
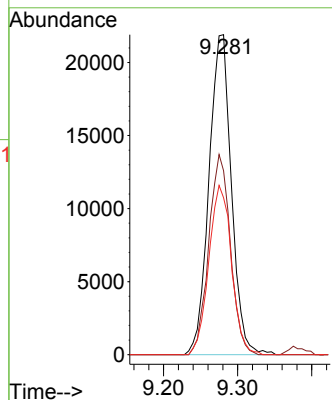
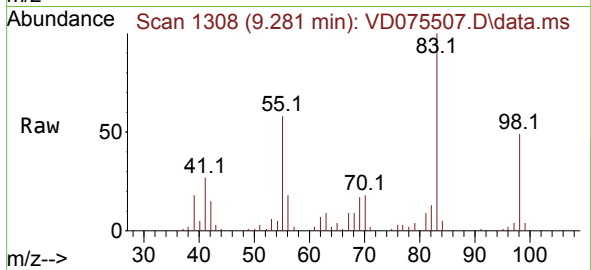
Tgt Ion: 83 Resp: 46014

Ion Ratio Lower Upper

83 100

55 57.5 56.8 85.2

98 49.1 38.9 58.3



#40

Benzene

Concen: 19.558 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075507.D

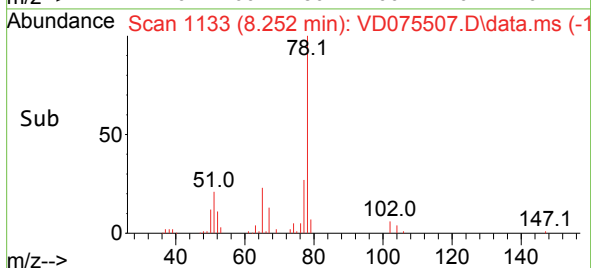
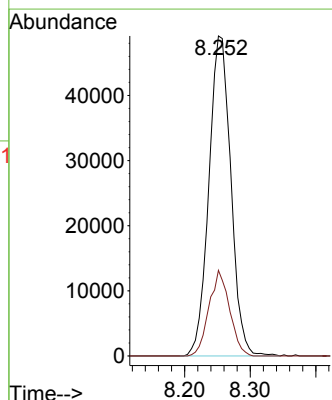
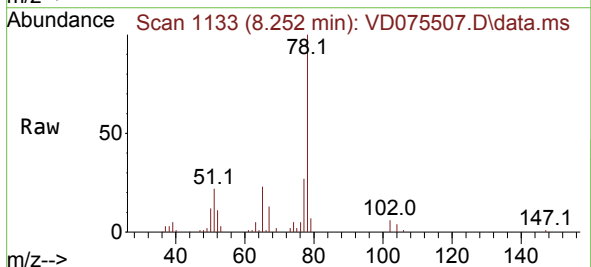
Acq: 13 Mar 2023 13:54

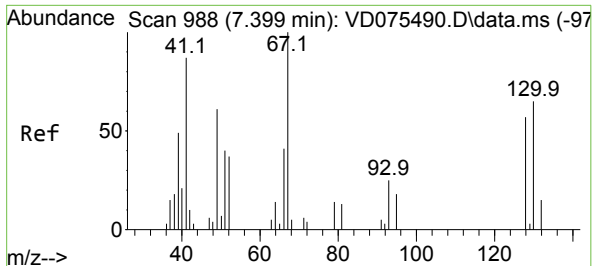
Tgt Ion: 78 Resp: 114324

Ion Ratio Lower Upper

78 100

77 26.7 19.1 28.7

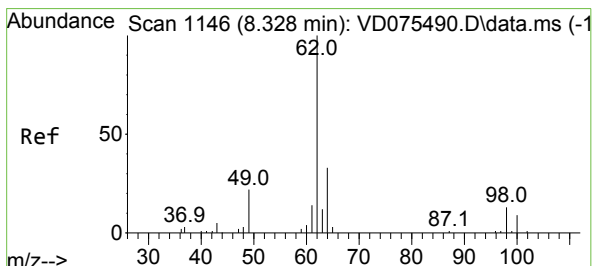
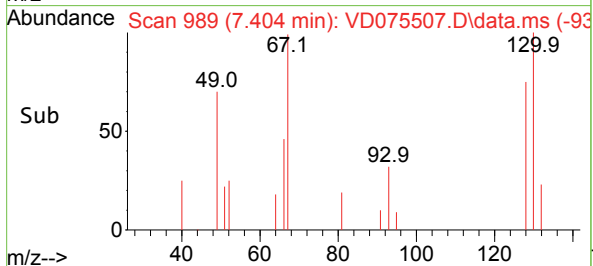
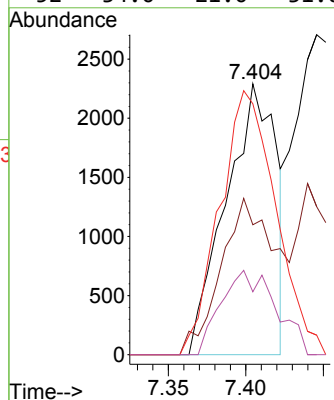
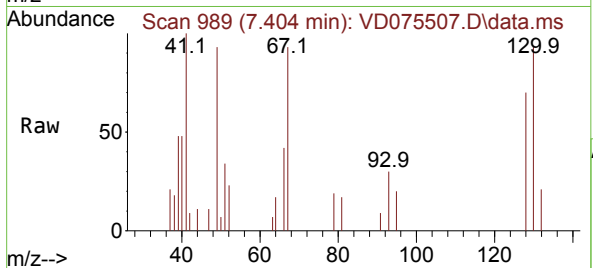




#41
Methacrylonitrile
Concen: 19.238 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

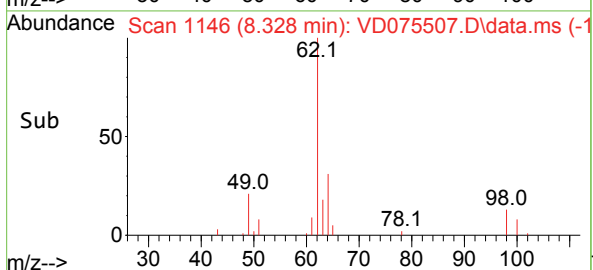
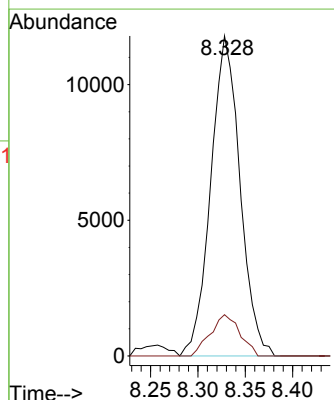
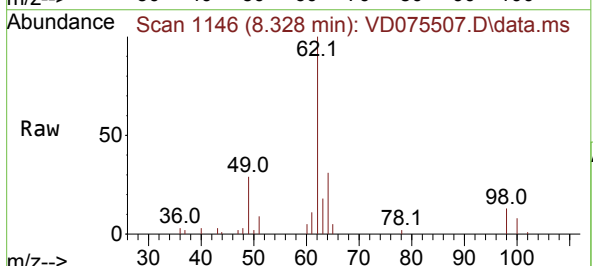
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

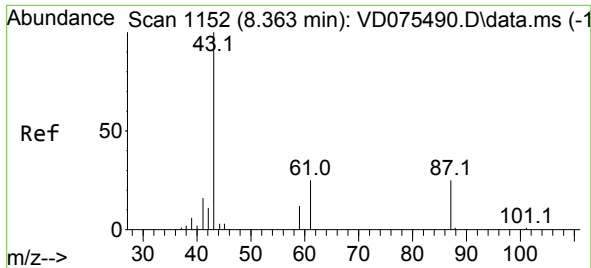
Tgt Ion: 41	Resp: 5152
Ion Ratio	Lower Upper
41 100	
39 64.0	45.3 67.9
67 109.2	50.5 75.7#
52 34.0	21.0 31.6#



#42
1,2-Dichloroethane
Concen: 19.695 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 62	Resp: 25342
Ion Ratio	Lower Upper
62 100	
98 13.0	0.0 18.8

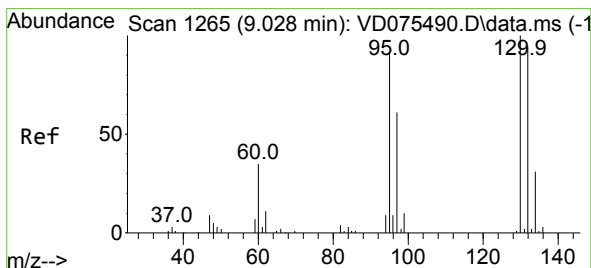
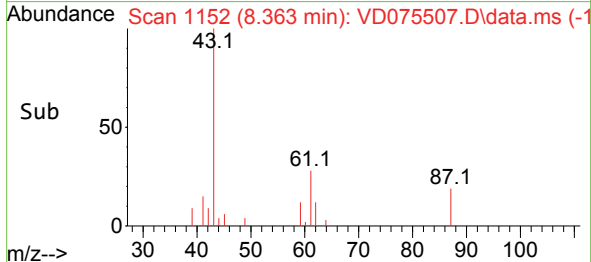
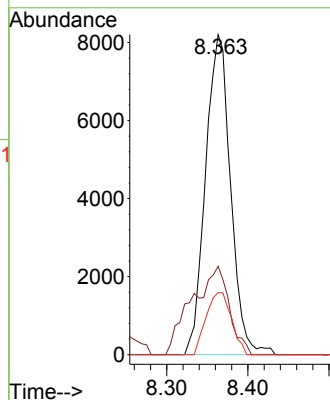
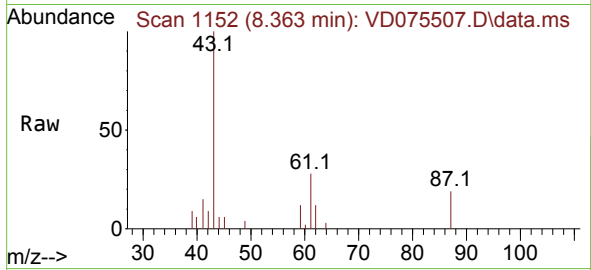




#43
Isopropyl Acetate
Concen: 18.717 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

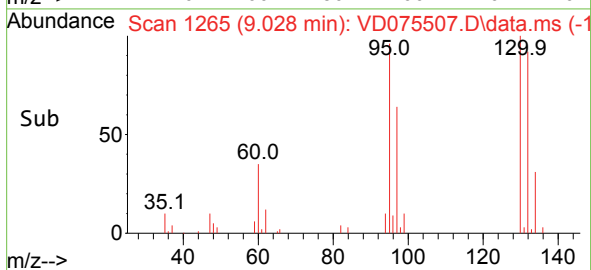
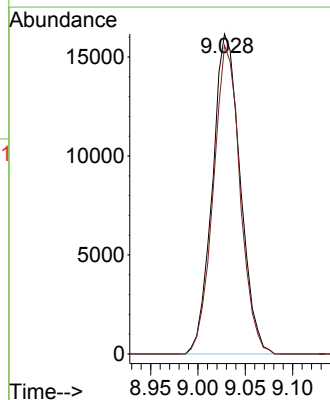
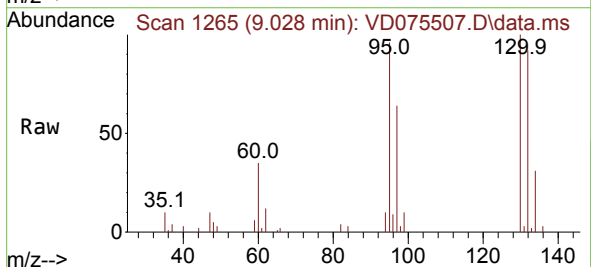
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

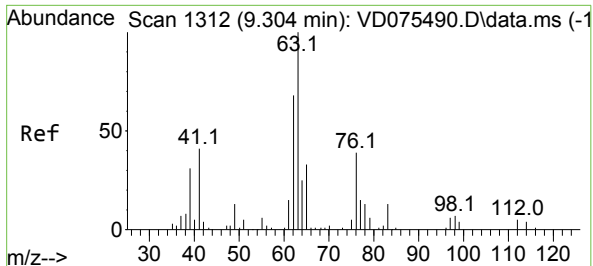
Tgt Ion: 43 Resp: 17601
Ion Ratio Lower Upper
43 100
61 41.1 23.4 35.0#
87 19.6 9.5 14.3#



#44
Trichloroethene
Concen: 19.169 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion:130 Resp: 32932
Ion Ratio Lower Upper
130 100
95 96.4 0.0 197.6





#45

1,2-Dichloropropane

Concen: 19.047 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

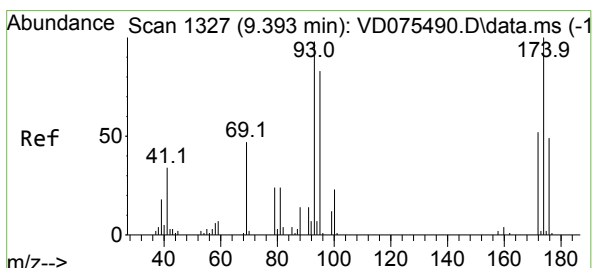
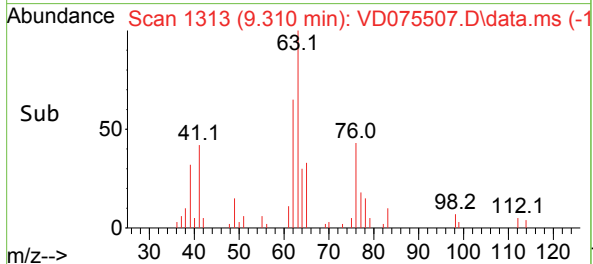
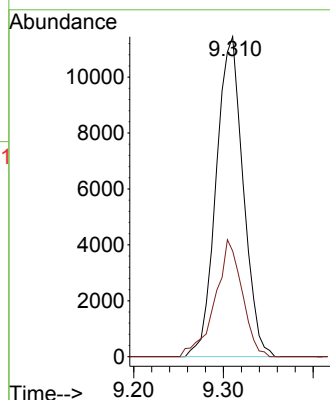
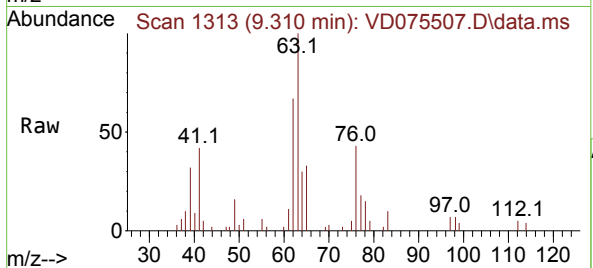
VD0313SBS01

Tgt Ion: 63 Resp: 23934

Ion Ratio Lower Upper

63 100

65 33.0 23.0 34.4



#46

Dibromomethane

Concen: 19.822 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

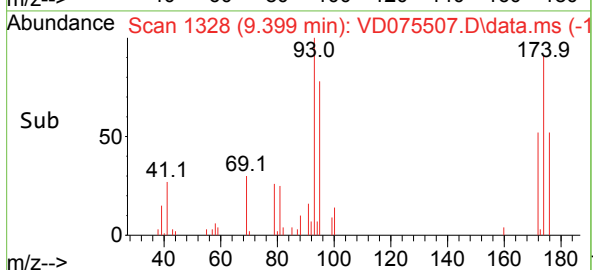
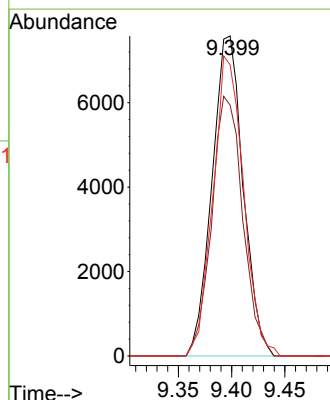
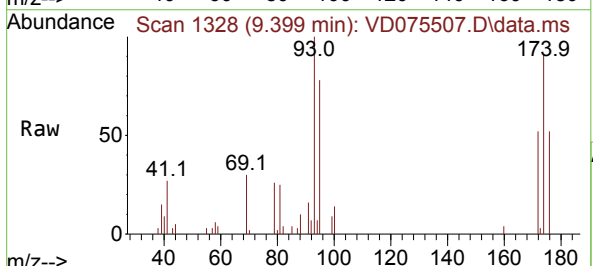
Tgt Ion: 93 Resp: 15352

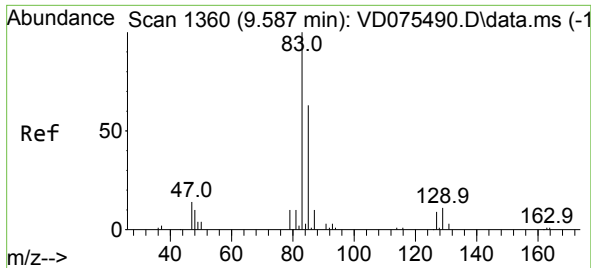
Ion Ratio Lower Upper

93 100

95 81.1 64.5 96.7

174 92.0 76.2 114.4

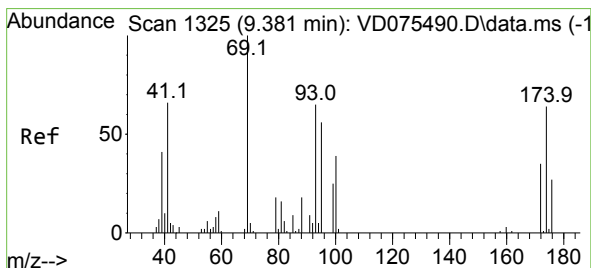
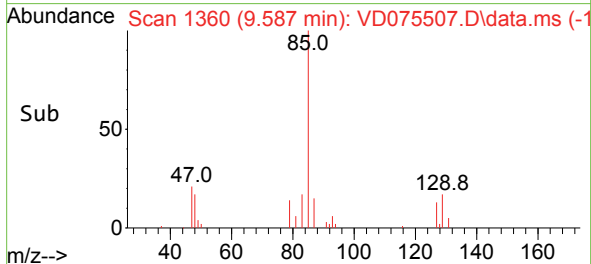
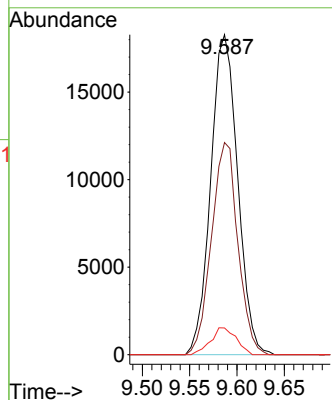
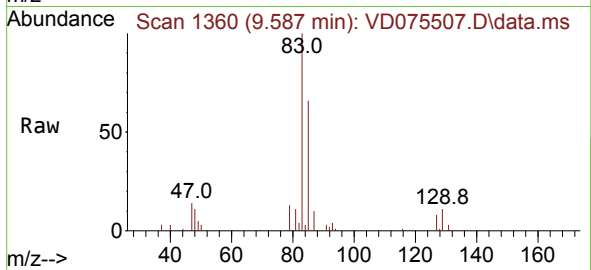




#47
Bromodichloromethane
Concen: 19.278 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

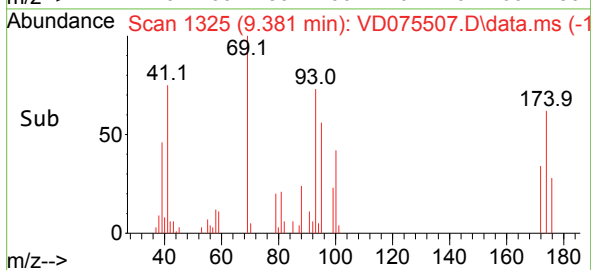
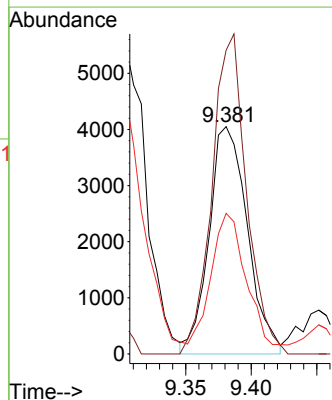
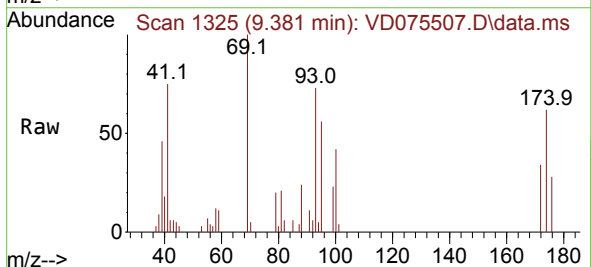
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

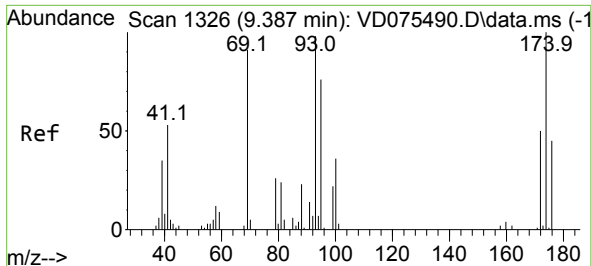
Tgt Ion: 83	Resp:	36154
Ion Ratio	Lower	Upper
83	100	
85	66.3	53.7 80.5
127	8.4	7.0 10.6



#48
Methyl methacrylate
Concen: 18.663 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 41	Resp:	8245
Ion Ratio	Lower	Upper
41	100	
69	126.2	58.6 88.0#
39	59.4	53.4 80.0





#49

1,4-Dioxane

Concen: 360.103 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

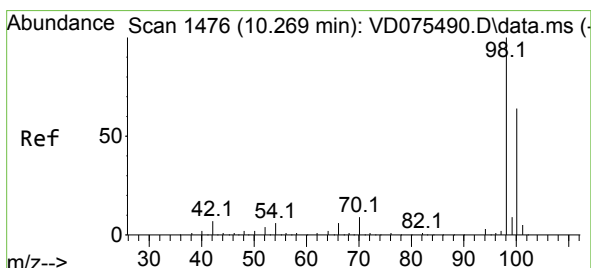
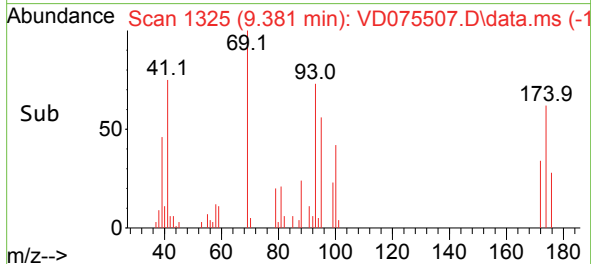
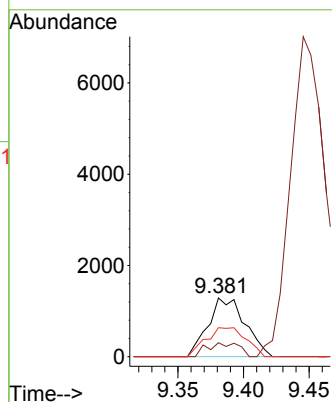
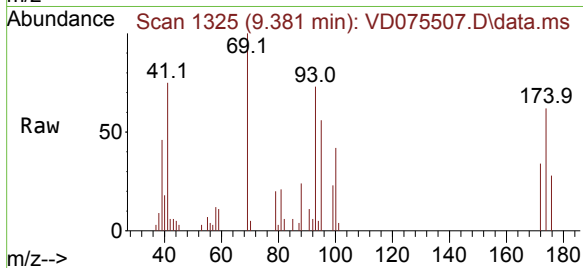
Tgt Ion: 88 Resp: 2530

Ion Ratio Lower Upper

88 100

43 20.4 34.6 51.8#

58 53.4 58.0 87.0#



#50

Toluene-d8

Concen: 53.962 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075507.D

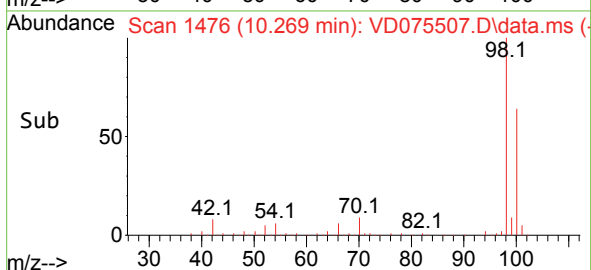
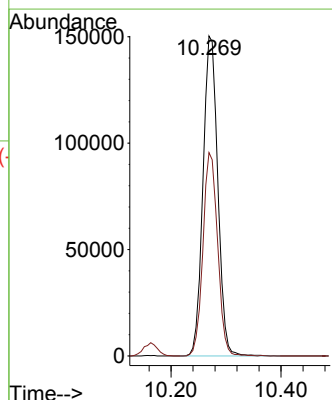
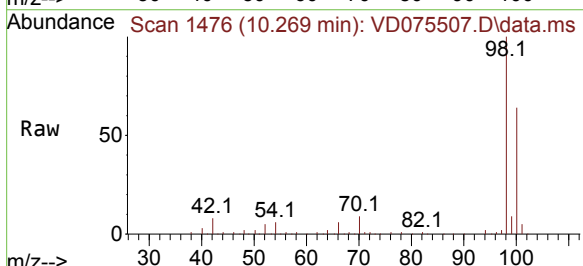
Acq: 13 Mar 2023 13:54

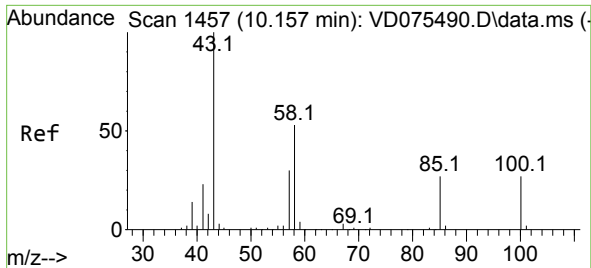
Tgt Ion: 98 Resp: 280572

Ion Ratio Lower Upper

98 100

100 63.0 52.1 78.1

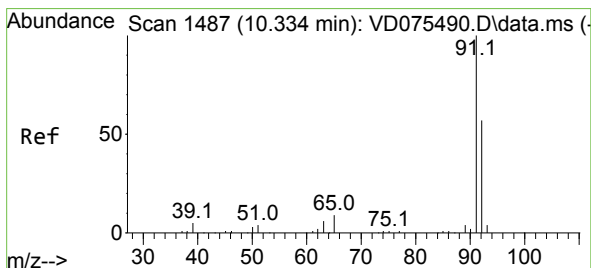
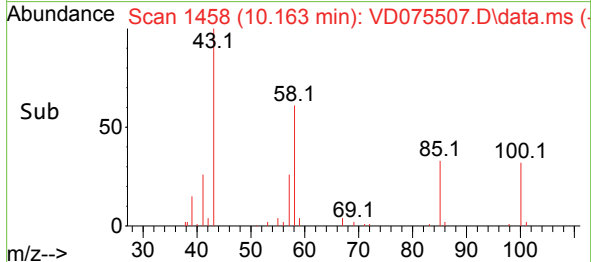
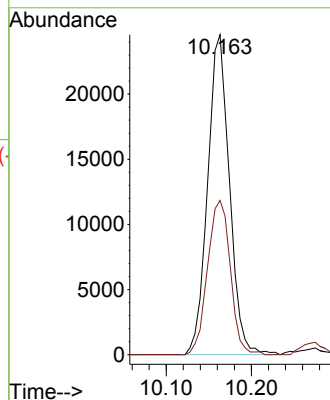
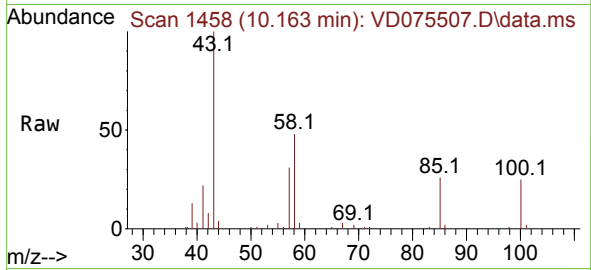




#51
4-Methyl-2-Pentanone
Concen: 89.320 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

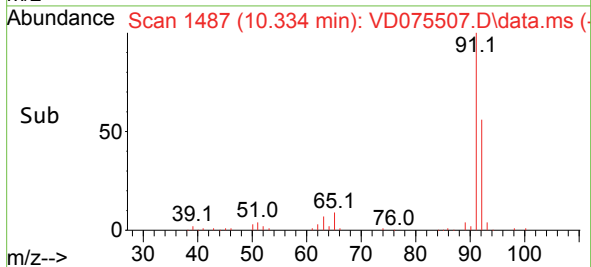
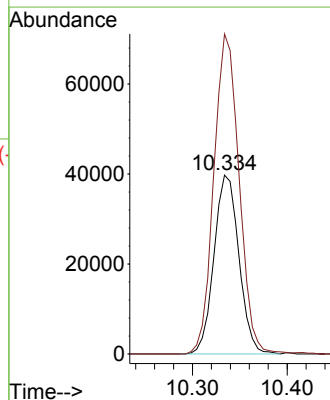
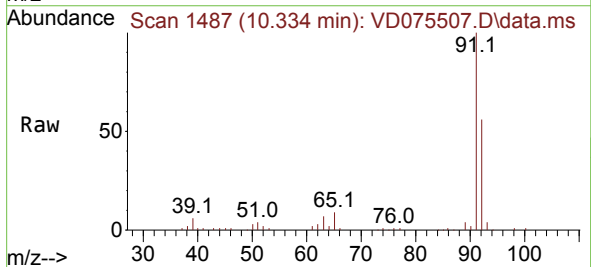
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

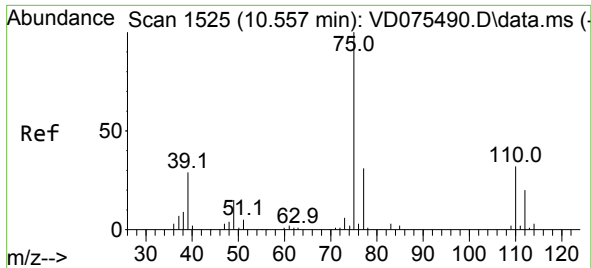
Tgt Ion: 43 Resp: 43683
Ion Ratio Lower Upper
43 100
58 50.3 29.5 44.3#



#52
Toluene
Concen: 19.189 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 92 Resp: 72685
Ion Ratio Lower Upper
92 100
91 181.2 136.5 204.7

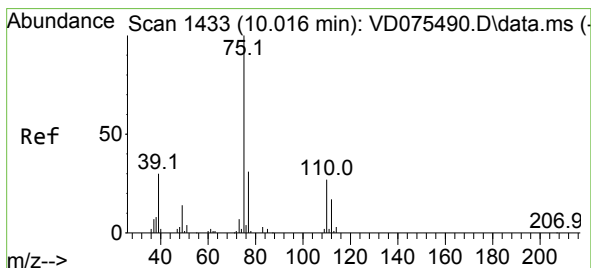
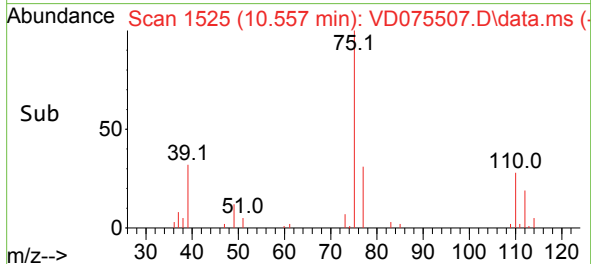
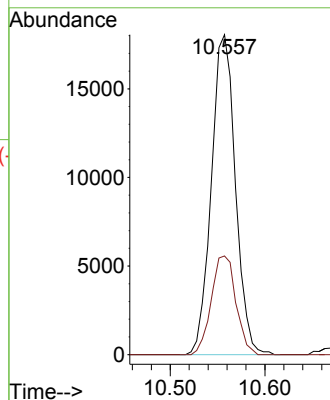
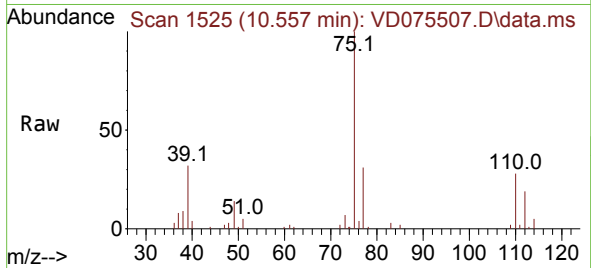




#53
 t-1,3-Dichloropropene
 Concen: 18.881 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. -0.000 min
 Lab File: VD075507.D
 Acq: 13 Mar 2023 13:54

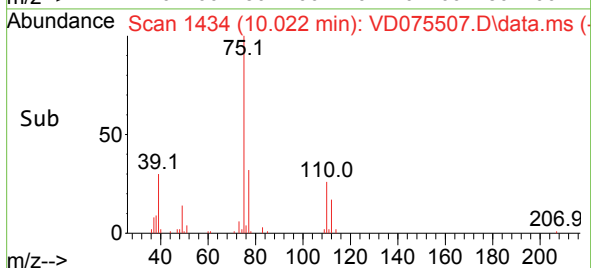
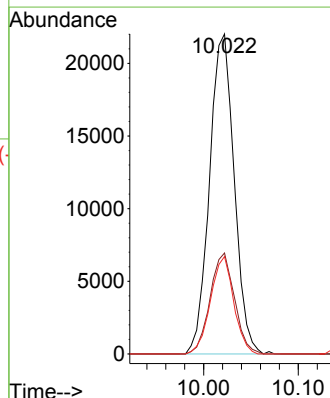
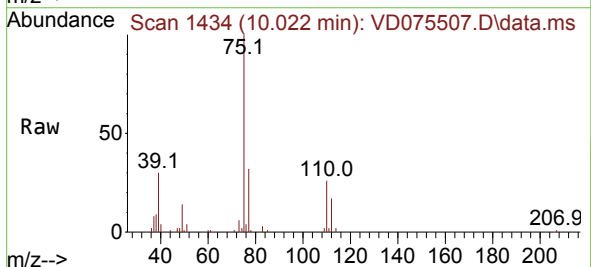
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0313SBS01

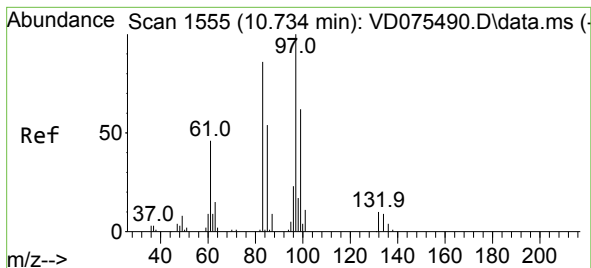
Tgt Ion: 75 Resp: 31854
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.248 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD075507.D
 Acq: 13 Mar 2023 13:54

Tgt Ion: 75 Resp: 39879
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4
 39 30.5 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 18.453 ug/l

RT: 10.740 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

Tgt Ion: 97 Resp: 20232

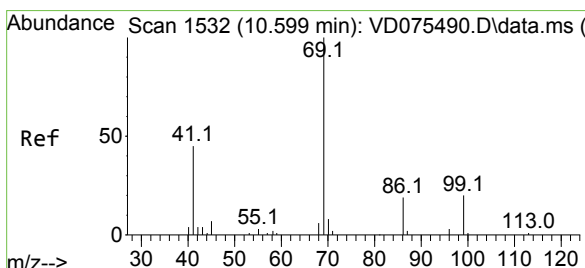
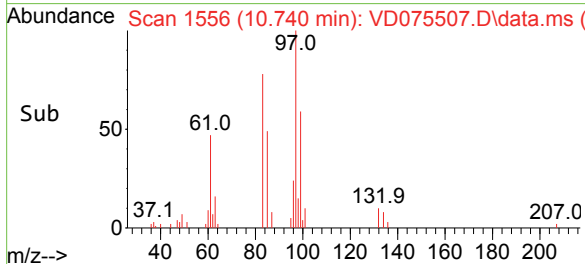
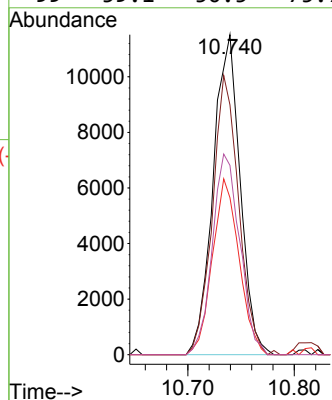
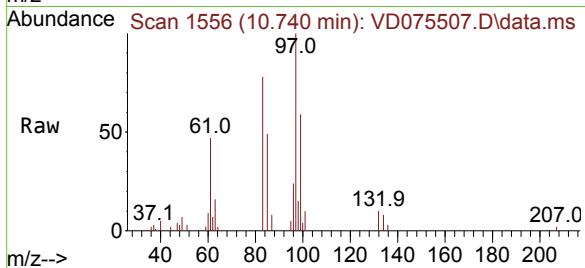
Ion Ratio Lower Upper

97 100

83 78.1 74.2 111.4

85 49.1 45.4 68.0

99 59.1 50.5 75.7



#56

Ethyl methacrylate

Concen: 18.303 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

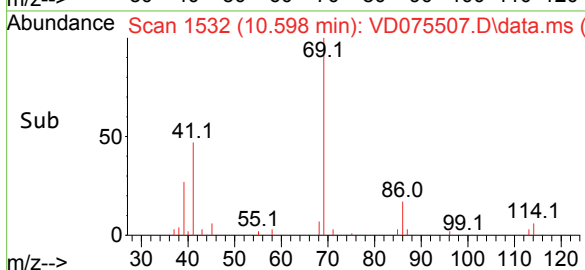
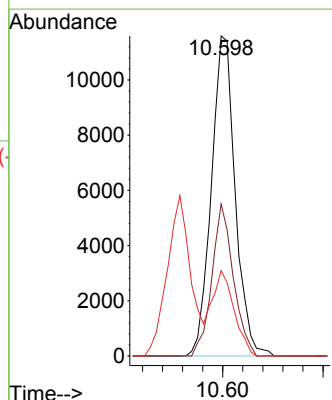
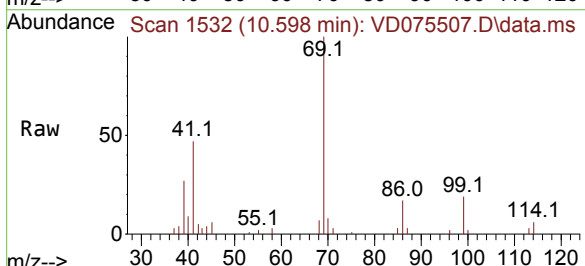
Tgt Ion: 69 Resp: 19107

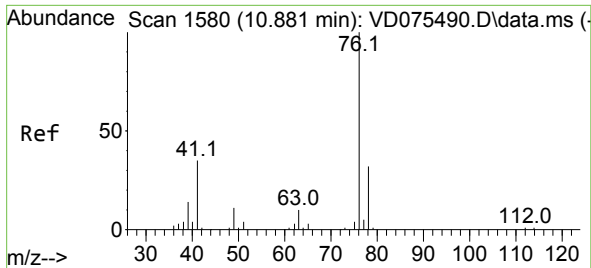
Ion Ratio Lower Upper

69 100

41 42.8 59.3 88.9#

39 24.9 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 19.006 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

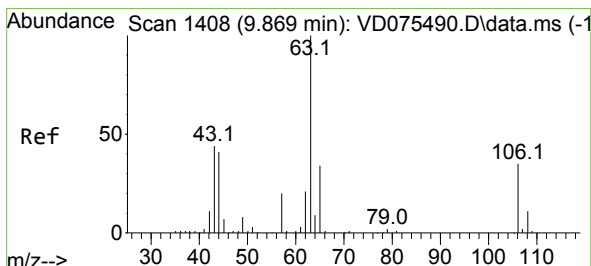
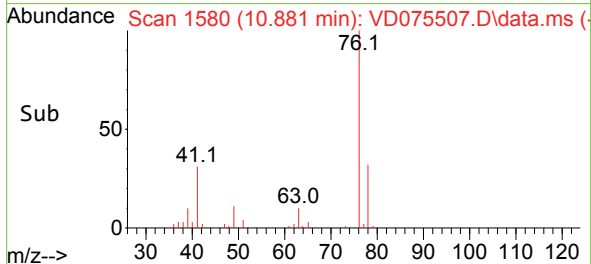
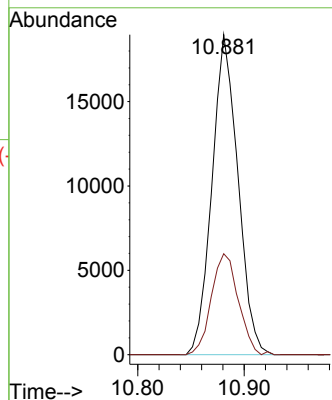
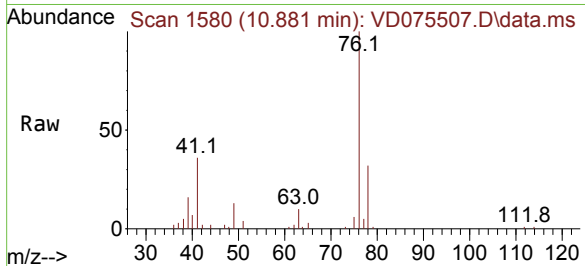
VD0313SBSD01

Tgt Ion: 76 Resp: 32070

Ion Ratio Lower Upper

76 100

78 32.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 95.594 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075507.D

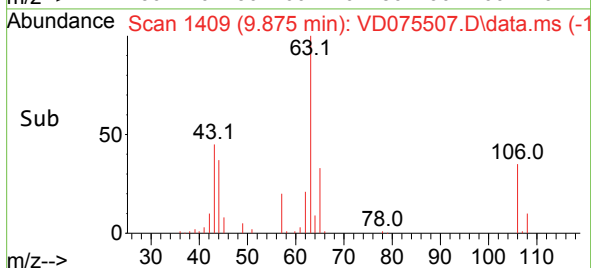
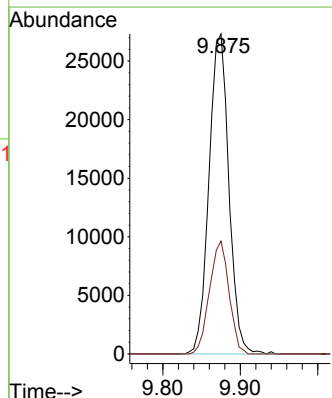
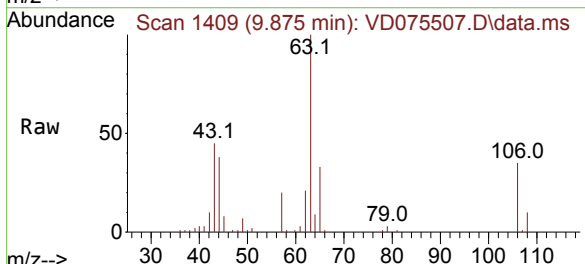
Acq: 13 Mar 2023 13:54

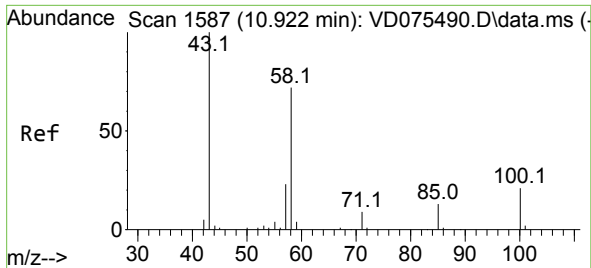
Tgt Ion: 63 Resp: 48839

Ion Ratio Lower Upper

63 100

106 34.5 21.4 32.2#

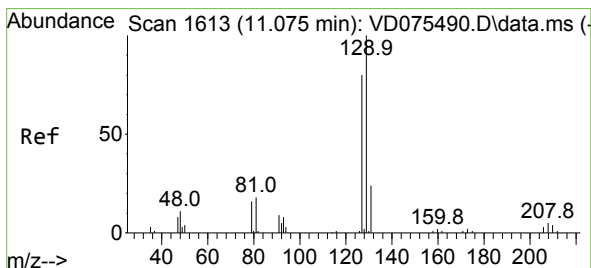
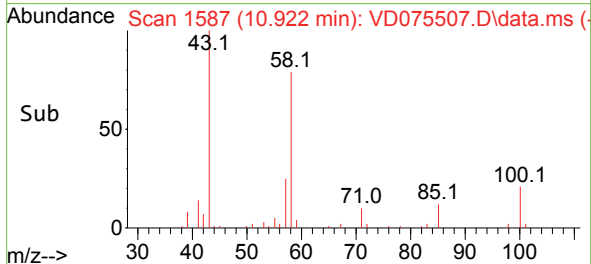
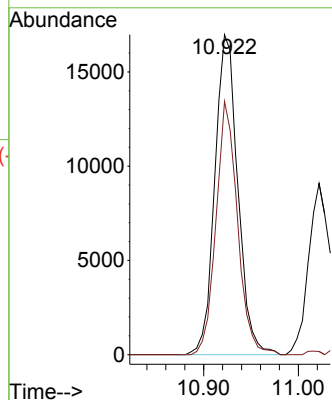
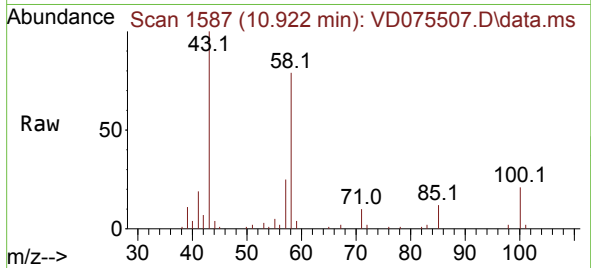




#59
2-Hexanone
Concen: 82.876 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

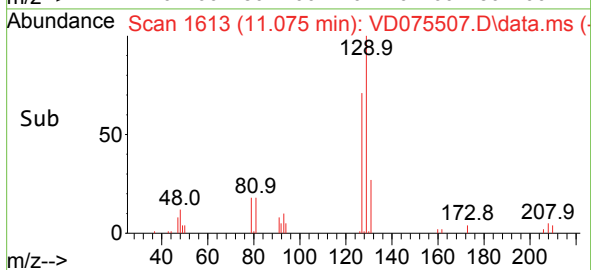
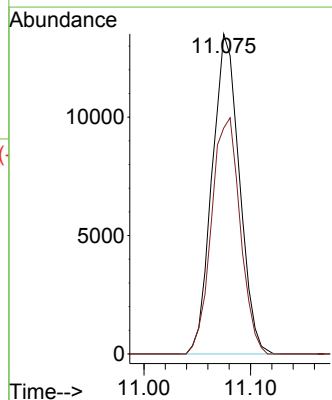
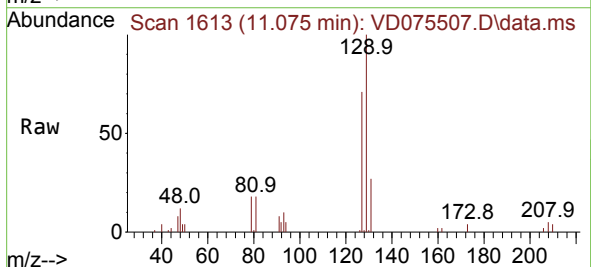
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

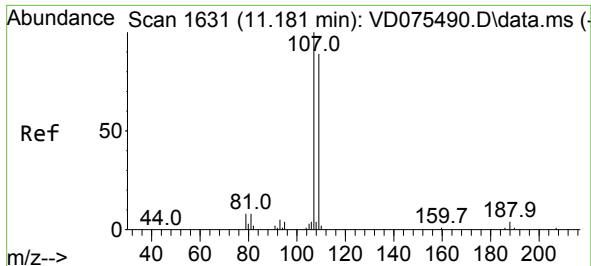
Tgt Ion: 43 Resp: 28663
Ion Ratio Lower Upper
43 100
58 74.0 25.3 75.8



#60
Dibromochloromethane
Concen: 18.536 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 129 Resp: 24011
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5

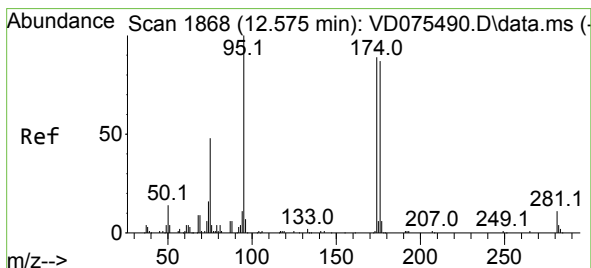
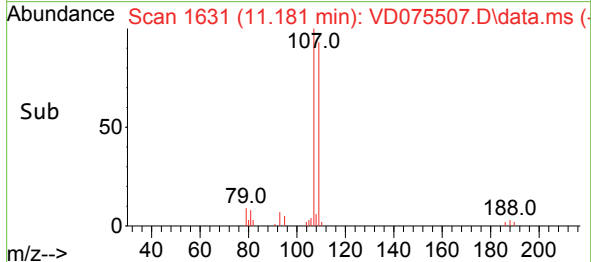
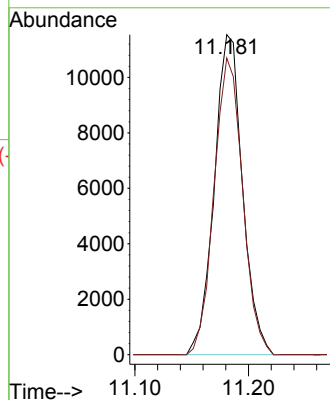
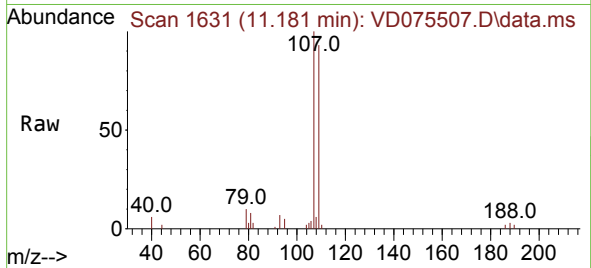




#61
1,2-Dibromoethane
Concen: 19.309 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

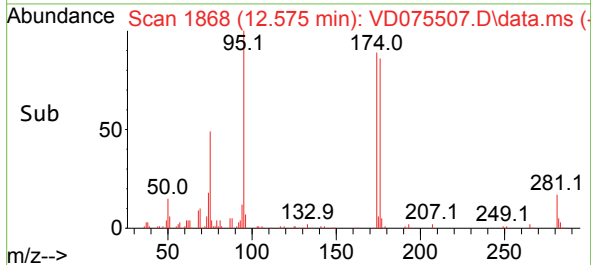
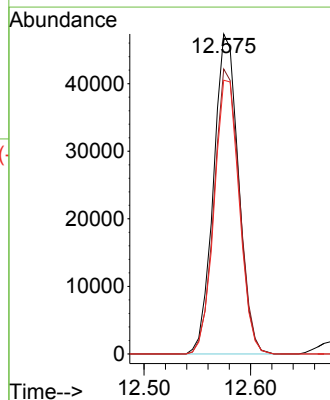
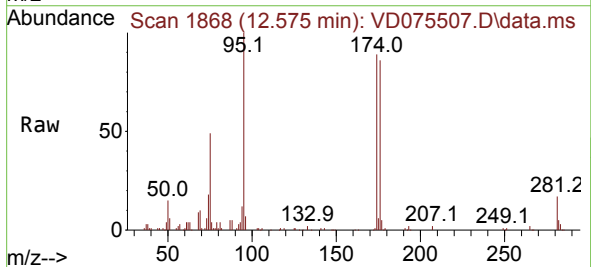
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

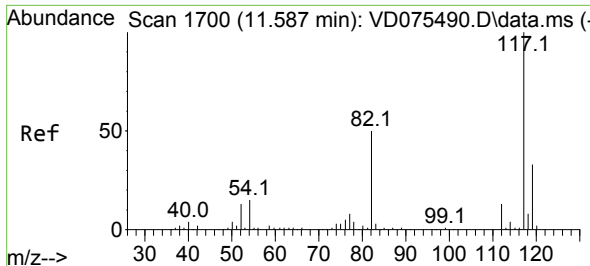
Tgt Ion:107 Resp: 19938
Ion Ratio Lower Upper
107 100
109 93.7 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 51.264 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 95 Resp: 77053
Ion Ratio Lower Upper
95 100
174 90.2 0.0 164.0
176 86.0 0.0 156.8

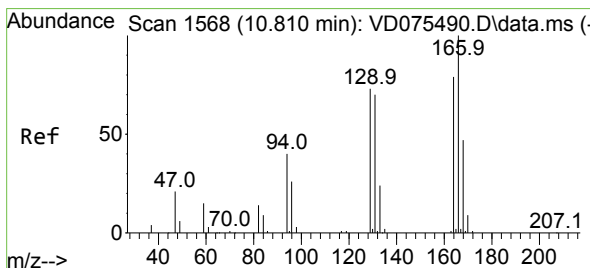
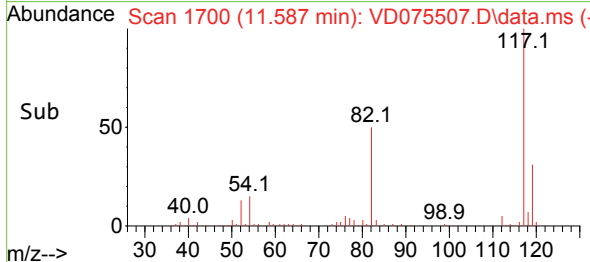
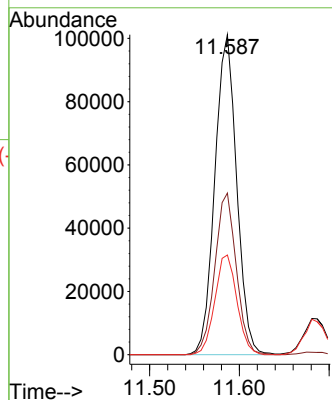
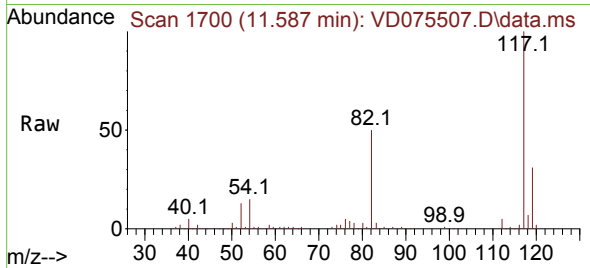




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

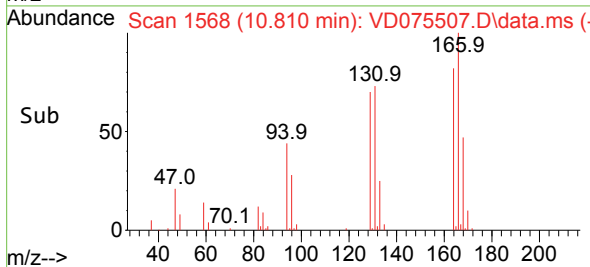
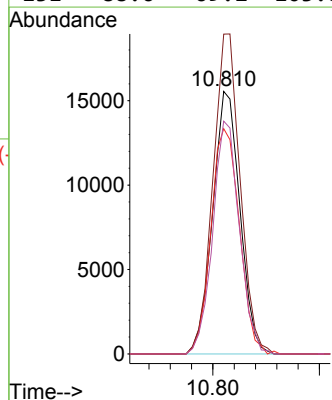
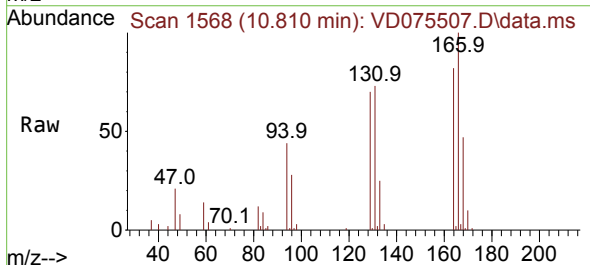
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

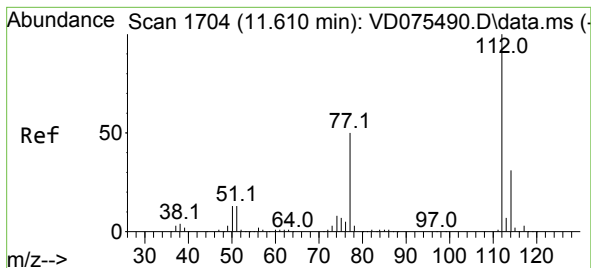
Tgt Ion:117 Resp: 171195
Ion Ratio Lower Upper
117 100
82 50.5 44.0 66.0
119 31.2 25.1 37.7



#64
Tetrachloroethene
Concen: 20.437 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion:164 Resp: 27611
Ion Ratio Lower Upper
164 100
166 121.8 94.9 142.3
129 85.8 73.0 109.6
131 88.6 69.2 103.8





#65

Chlorobenzene

Concen: 19.523 ug/l

RT: 11.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

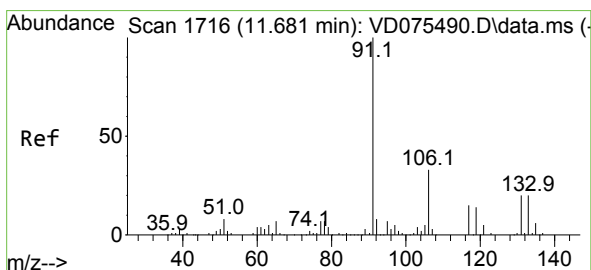
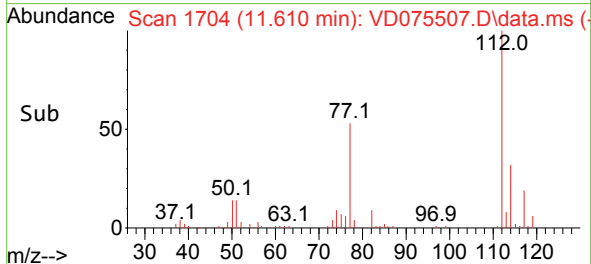
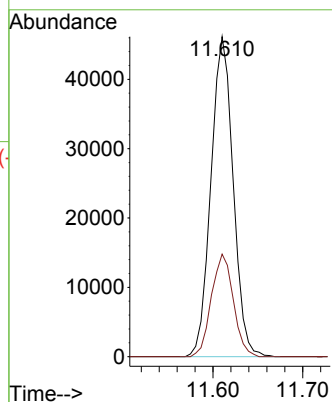
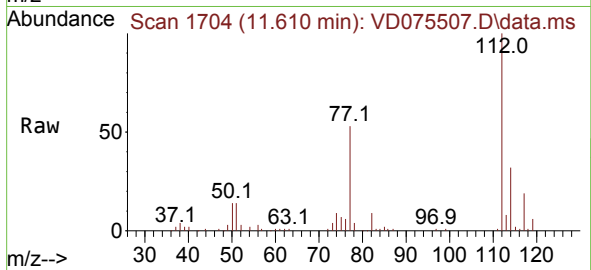
VD0313SBS01

Tgt Ion:112 Resp: 79266

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 19.132 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

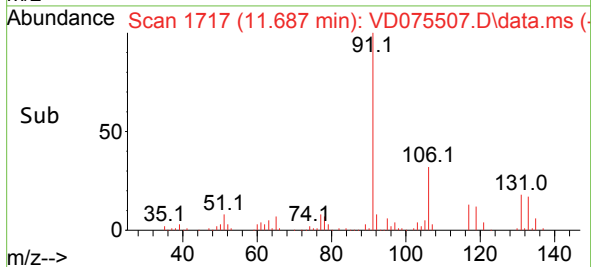
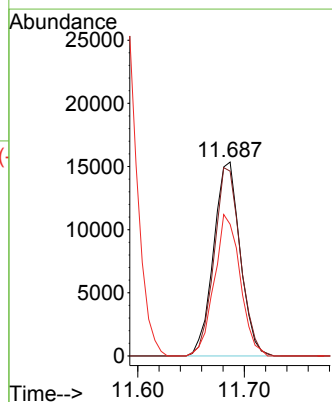
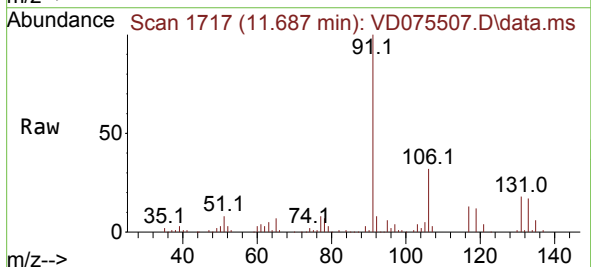
Tgt Ion:131 Resp: 26611

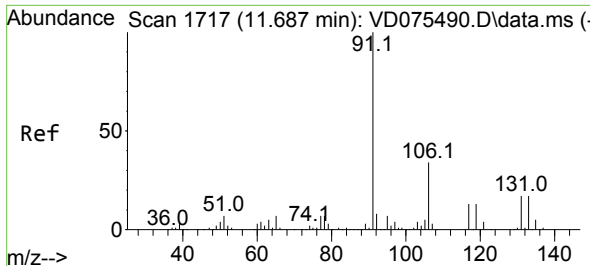
Ion Ratio Lower Upper

131 100

133 95.7 46.7 140.0

119 71.0 31.9 95.9

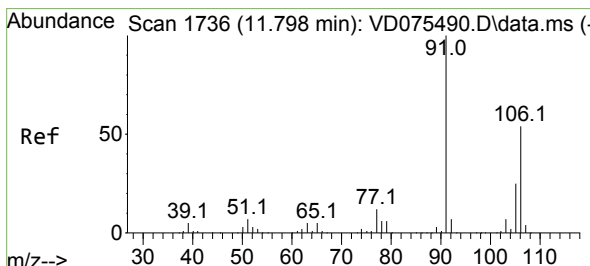
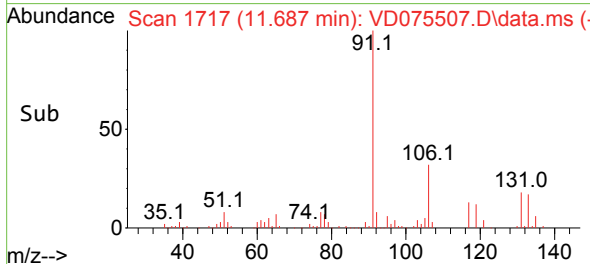
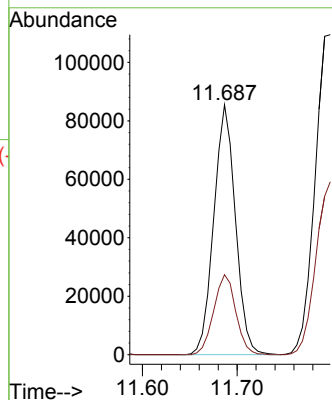
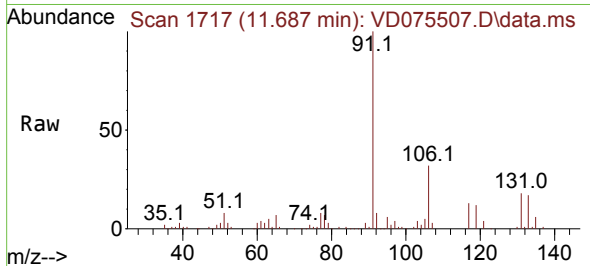




#67
Ethyl Benzene
Concen: 19.381 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

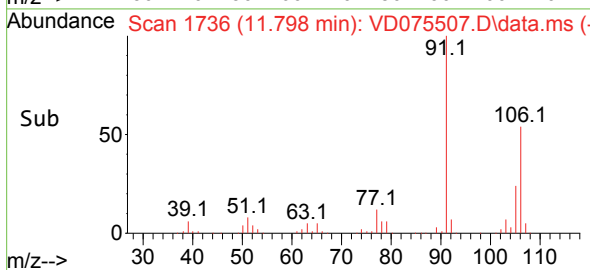
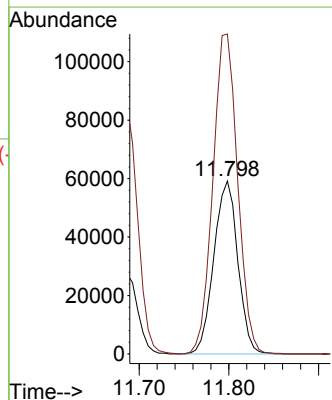
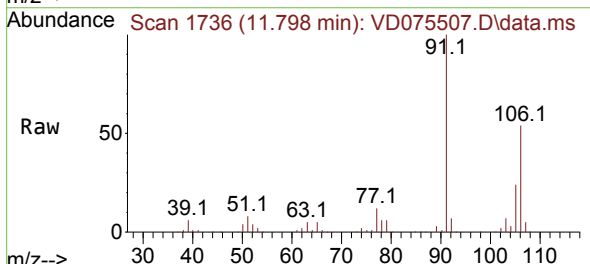
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

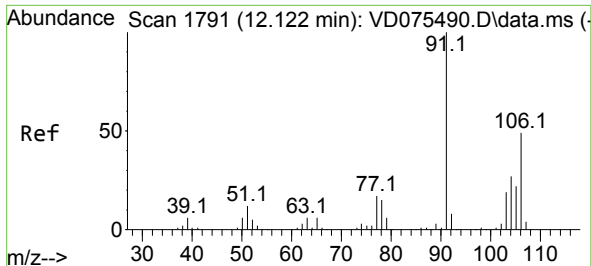
Tgt Ion: 91 Resp: 135519
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#68
m/p-Xylenes
Concen: 39.081 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 106 Resp: 109831
Ion Ratio Lower Upper
106 100
91 190.9 161.5 242.3

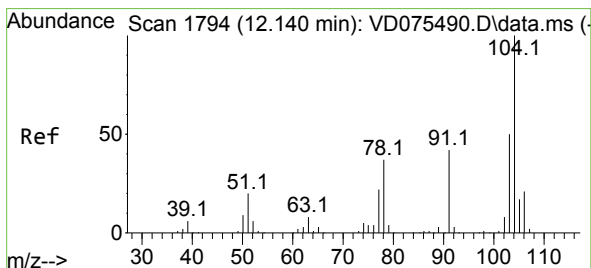
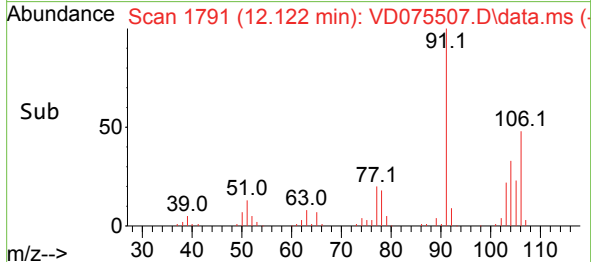
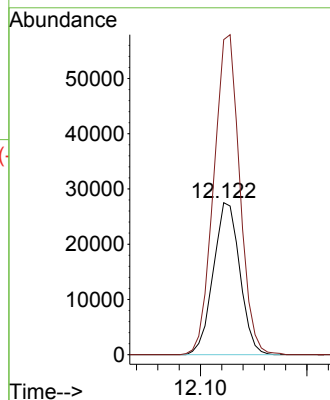
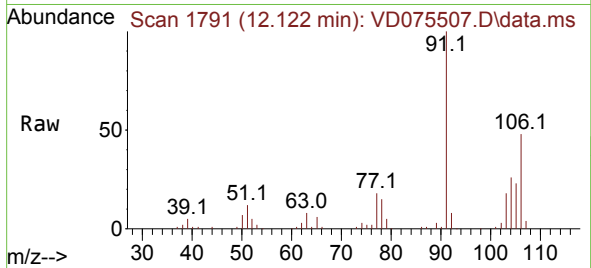




#69
o-Xylene
Concen: 18.191 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

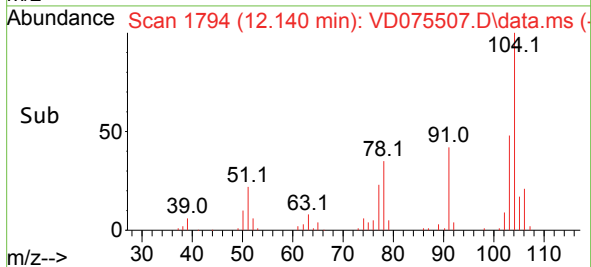
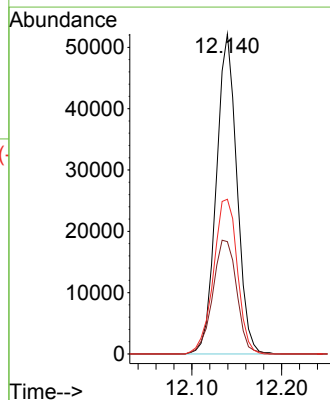
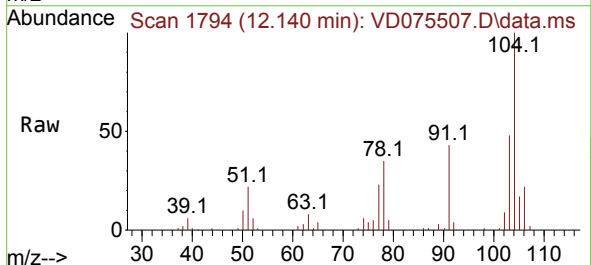
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

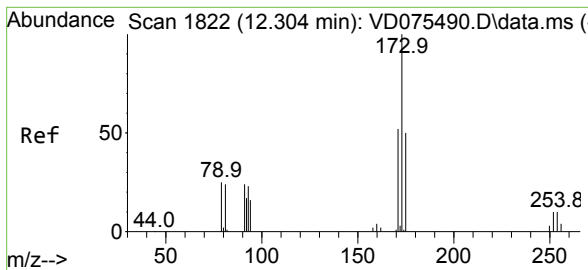
Tgt Ion:106 Resp: 47477
Ion Ratio Lower Upper
106 100
91 206.5 105.7 317.1



#70
Styrene
Concen: 19.125 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion:104 Resp: 83030
Ion Ratio Lower Upper
104 100
78 41.5 40.2 60.4
103 56.0 44.2 66.2

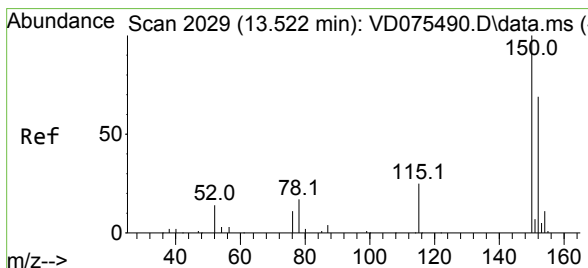
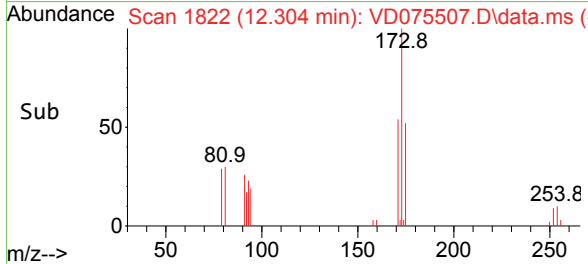
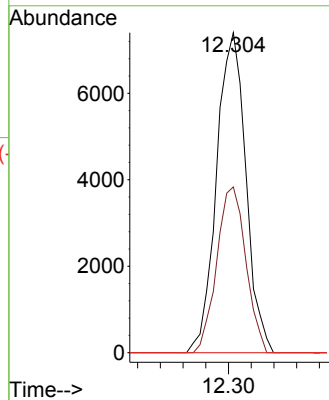
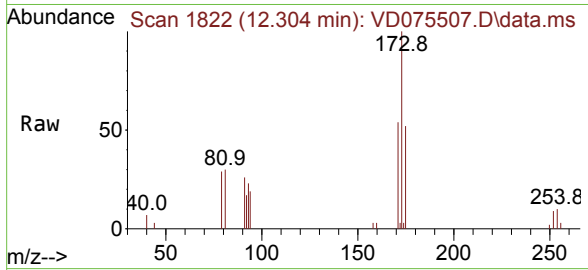




#71
Bromoform
Concen: 18.647 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

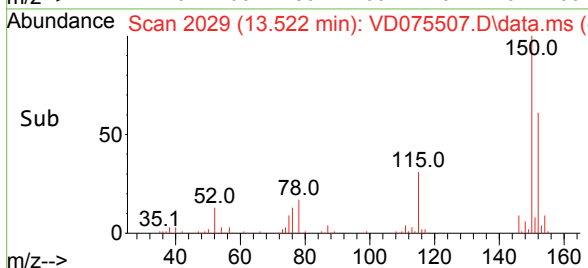
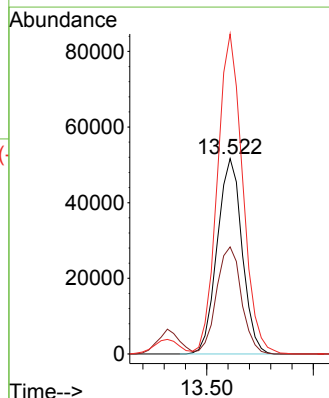
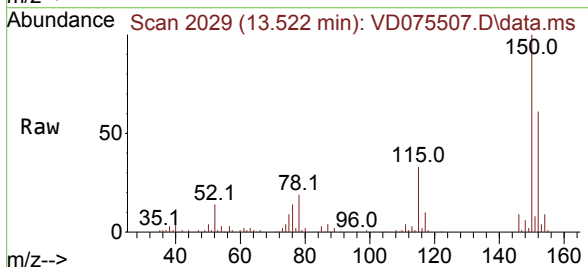
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

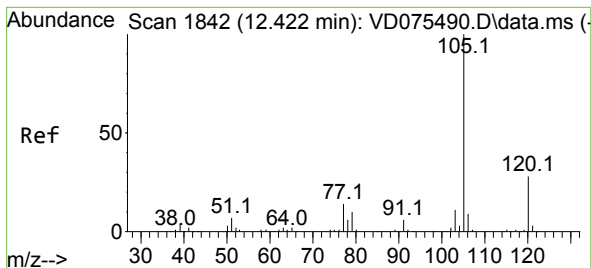
Tgt Ion:173 Resp: 13244
Ion Ratio Lower Upper
173 100
175 51.4 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion:152 Resp: 83737
Ion Ratio Lower Upper
152 100
115 55.0 30.1 90.3
150 166.4 0.0 364.8





#73

Isopropylbenzene

Concen: 19.390 ug/l

RT: 12.428 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

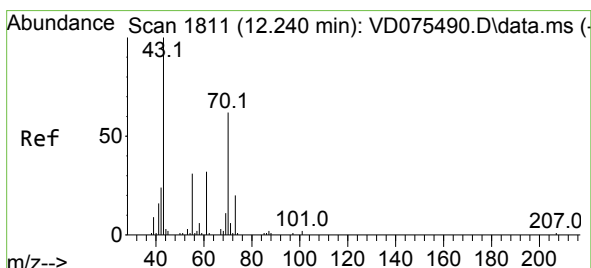
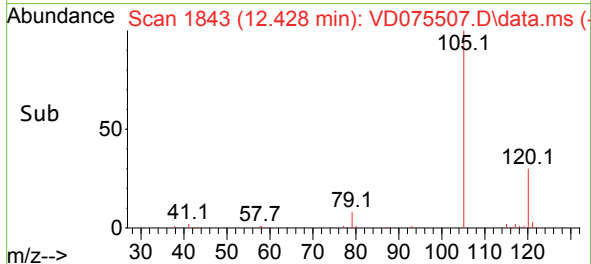
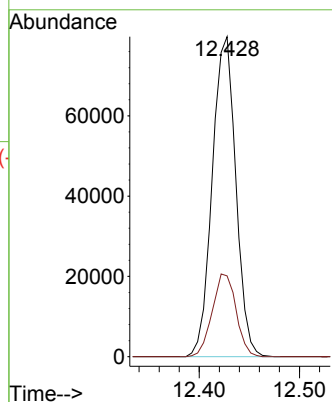
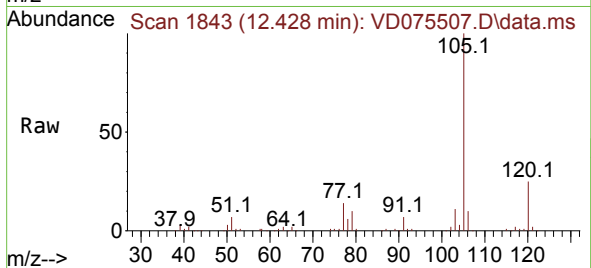
VD0313SBSD01

Tgt Ion:105 Resp: 130027

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 17.838 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Tgt Ion: 43 Resp: 14818

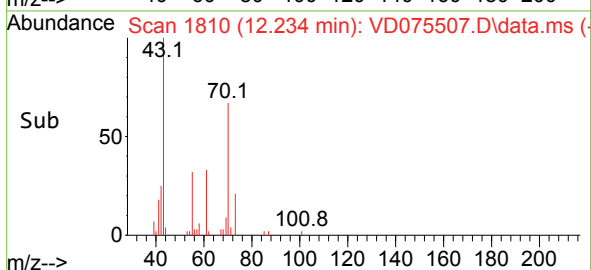
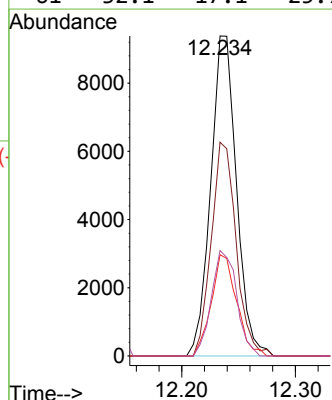
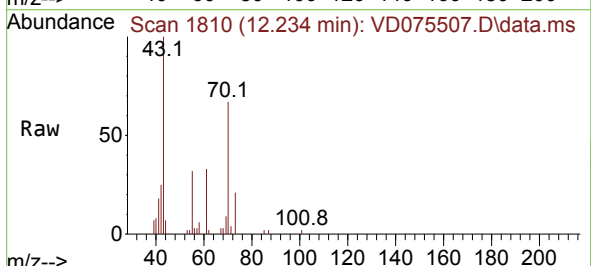
Ion Ratio Lower Upper

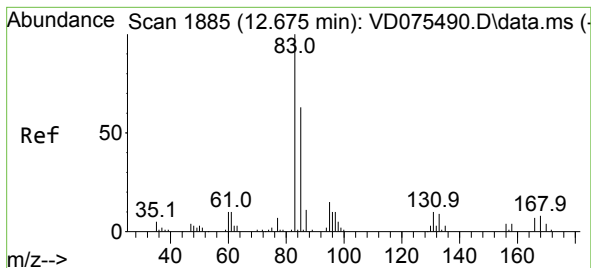
43 100

70 64.4 31.0 46.4#

55 31.1 18.6 28.0#

61 32.1 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.134 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBSD01

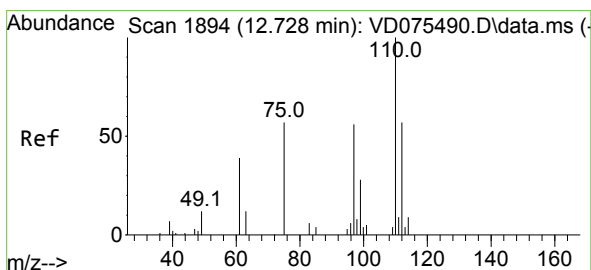
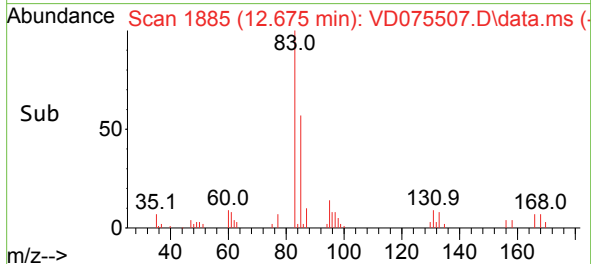
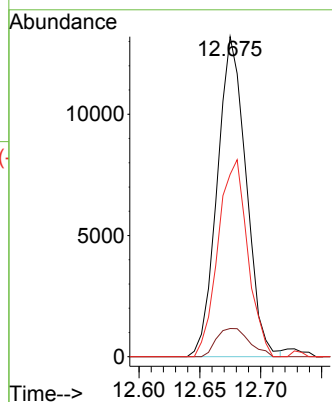
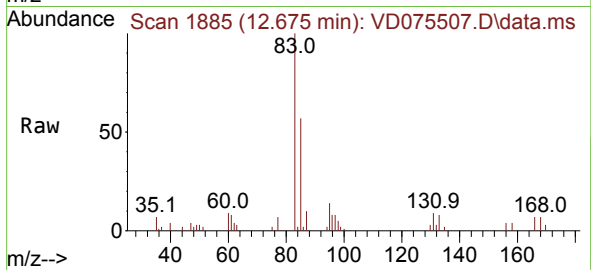
Tgt Ion: 83 Resp: 21761

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 63.2 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 36.545 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075507.D

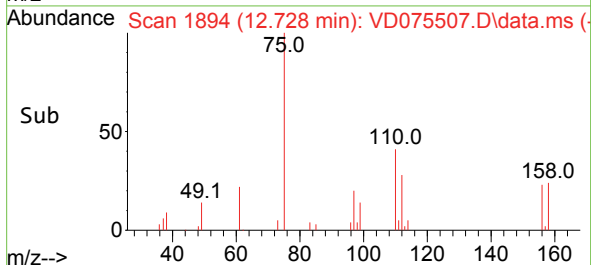
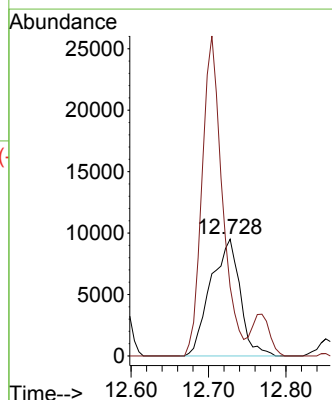
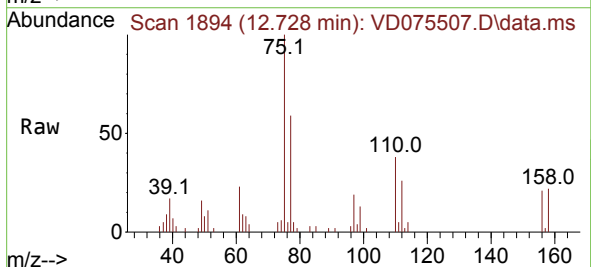
Acq: 13 Mar 2023 13:54

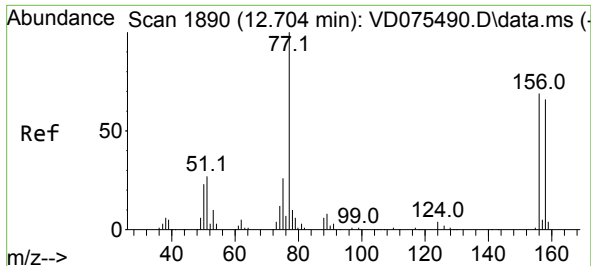
Tgt Ion: 75 Resp: 25098

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

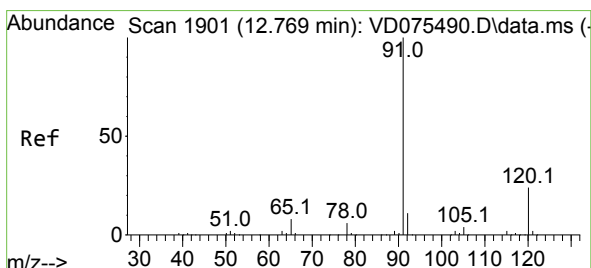
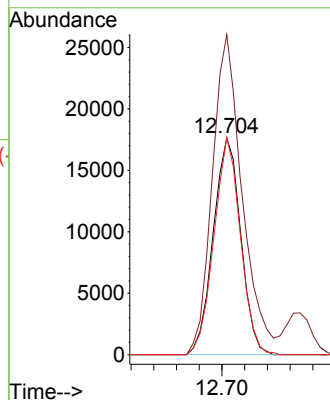
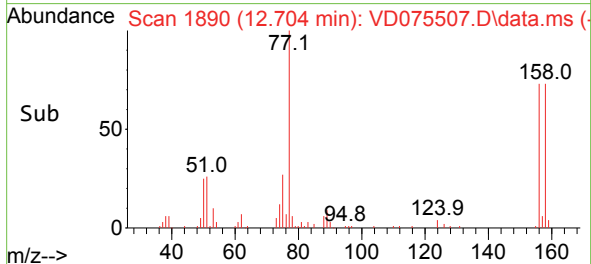
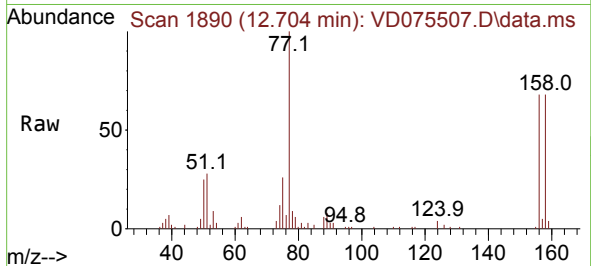




#77
Bromobenzene
Concen: 18.585 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

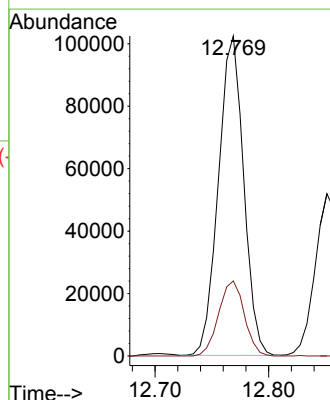
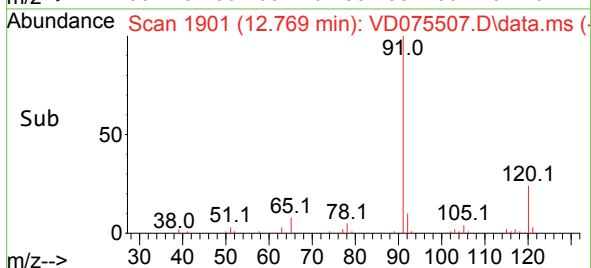
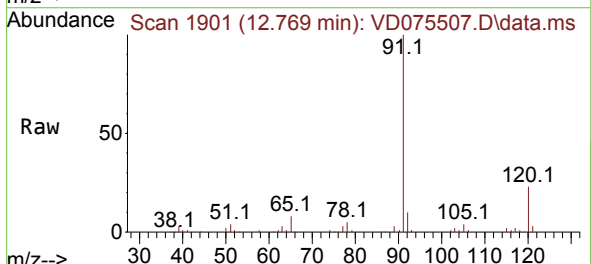
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

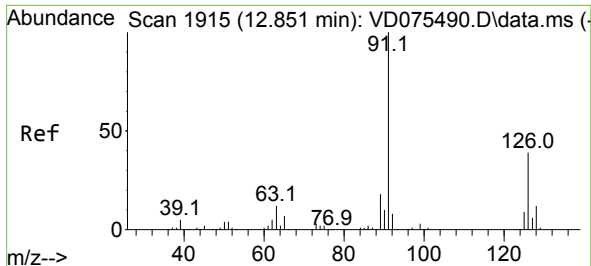
Tgt Ion:156 Resp: 29628
Ion Ratio Lower Upper
156 100
77 159.9 89.5 268.6
158 96.5 47.8 143.4



#78
n-propylbenzene
Concen: 19.403 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 91 Resp: 158099
Ion Ratio Lower Upper
91 100
120 23.8 11.4 34.2

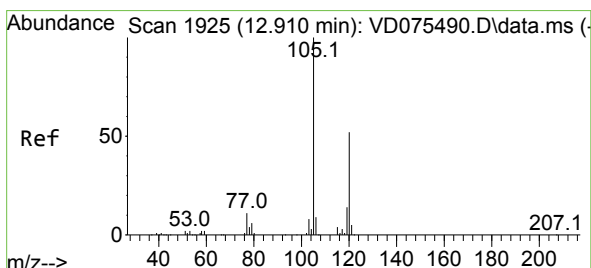
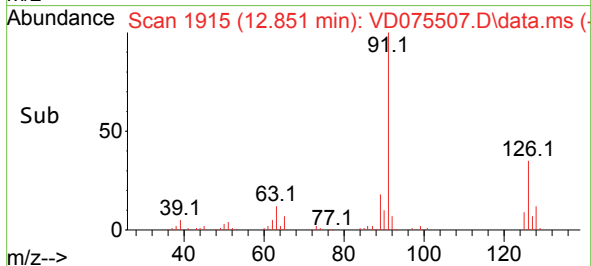
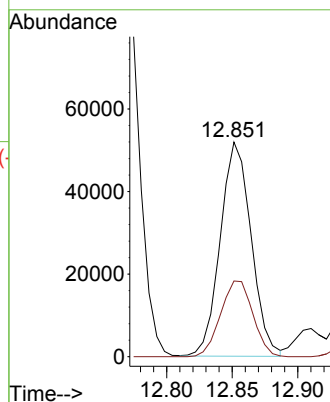
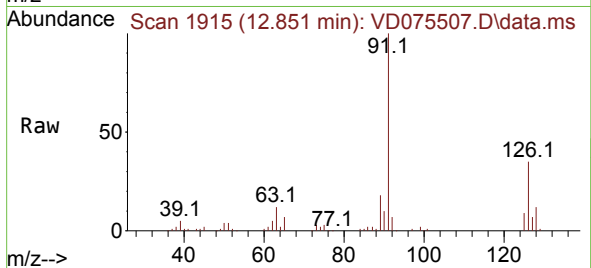




#79
2-Chlorotoluene
Concen: 19.292 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

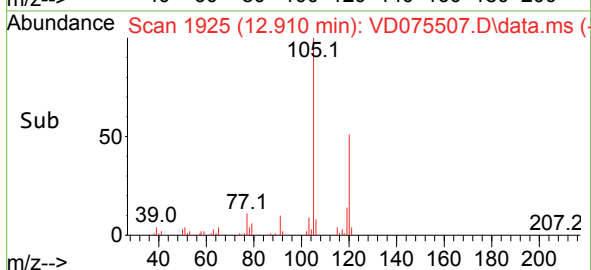
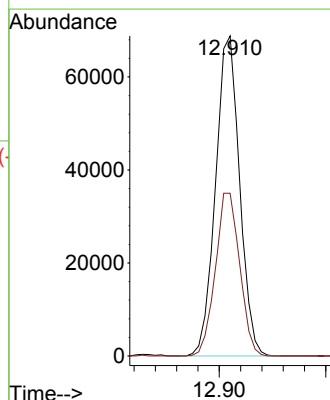
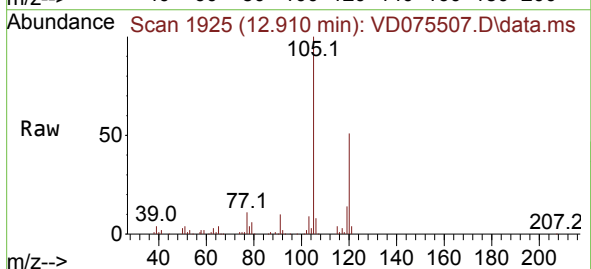
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

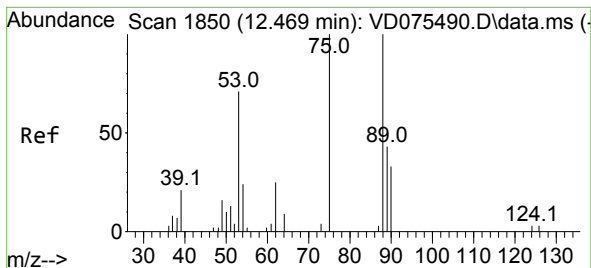
Tgt Ion: 91 Resp: 85178
Ion Ratio Lower Upper
91 100
126 36.9 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 19.579 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 105 Resp: 107663
Ion Ratio Lower Upper
105 100
120 51.4 24.3 72.8

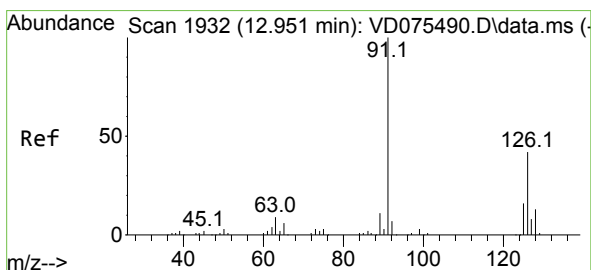
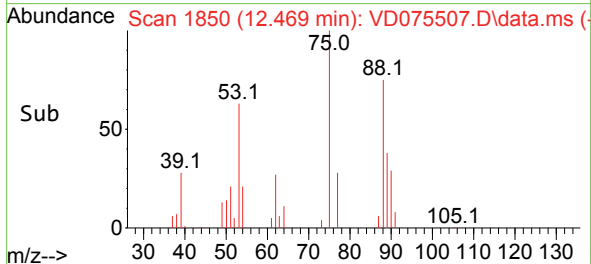
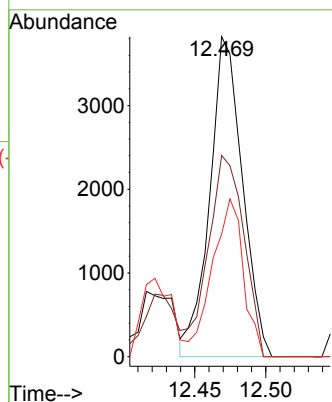
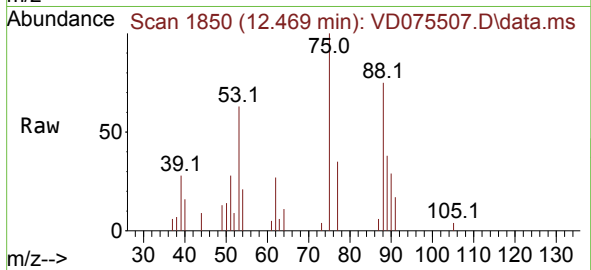




#81
trans-1,4-Dichloro-2-butene
Concen: 18.732 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

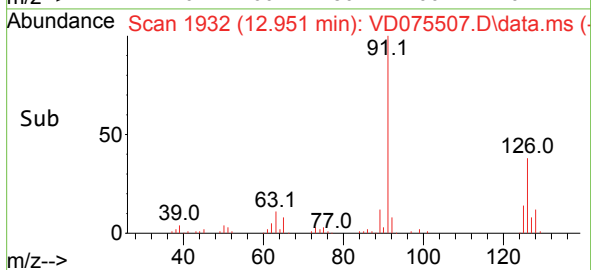
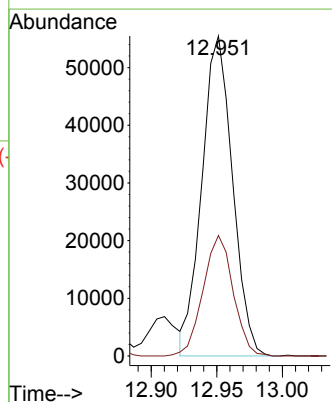
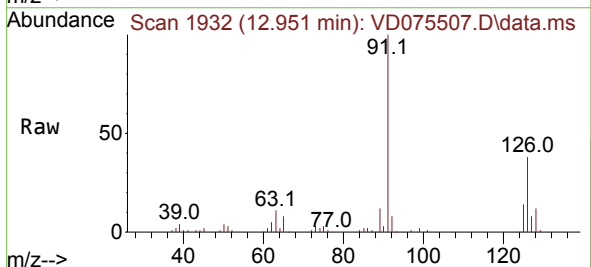
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

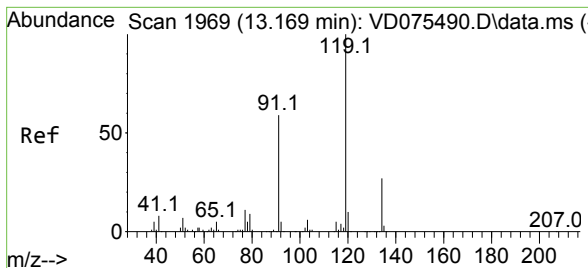
Tgt Ion: 75 Resp: 6116
Ion Ratio Lower Upper
75 100
53 69.2 90.5 135.7#
89 46.4 40.2 60.4



#82
4-Chlorotoluene
Concen: 19.802 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion: 91 Resp: 90220
Ion Ratio Lower Upper
91 100
126 36.9 17.1 51.2

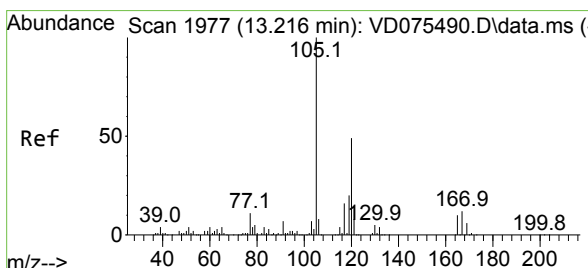
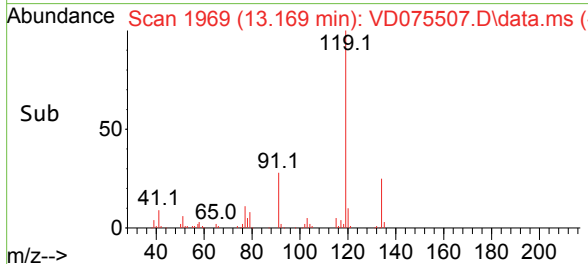
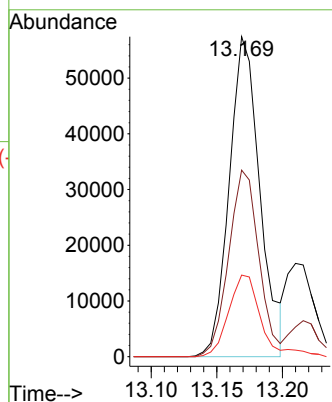
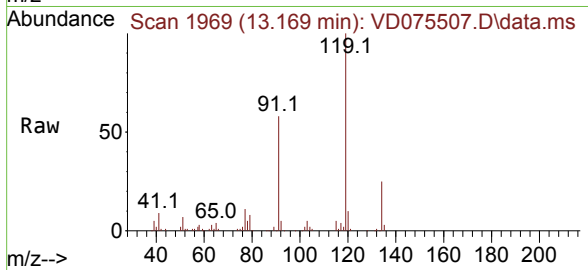




#83
tert-Butylbenzene
Concen: 19.607 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

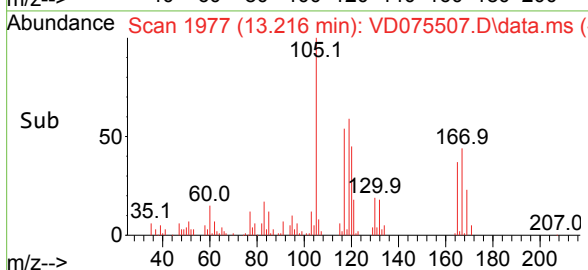
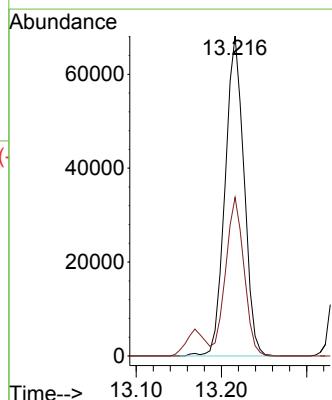
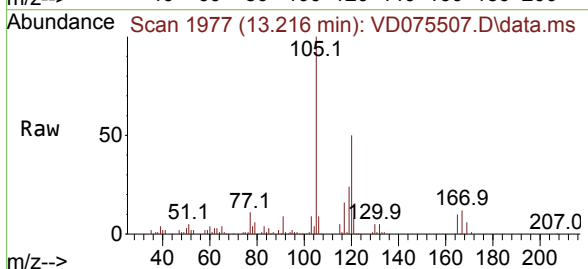
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

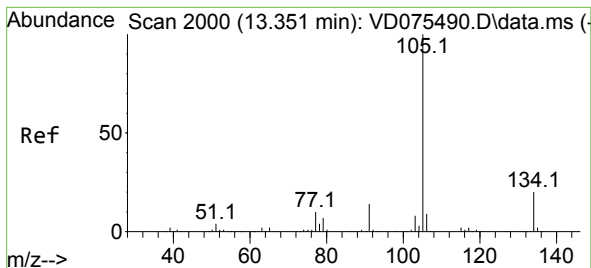
Tgt Ion:119 Resp: 93705
Ion Ratio Lower Upper
119 100
91 57.3 32.4 97.0
134 26.9 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 19.747 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion:105 Resp: 104945
Ion Ratio Lower Upper
105 100
120 48.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.565 ug/l

RT: 13.351 min Scan# 2000

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

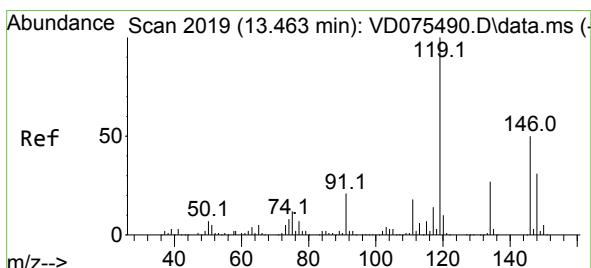
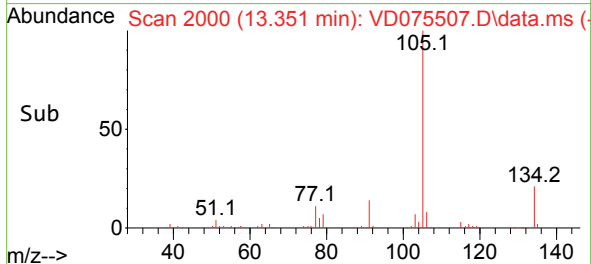
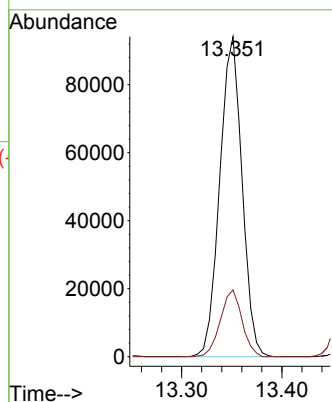
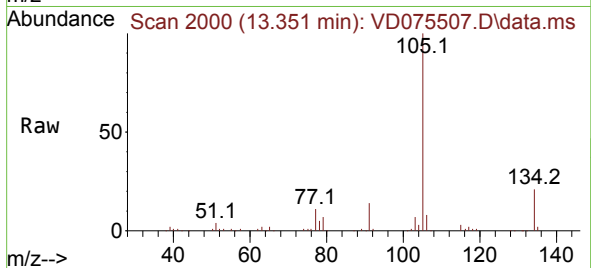
VD0313SBS01

Tgt Ion:105 Resp: 144758

Ion Ratio Lower Upper

105 100

134 20.3 9.9 29.7



#86

p-Isopropyltoluene

Concen: 19.337 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

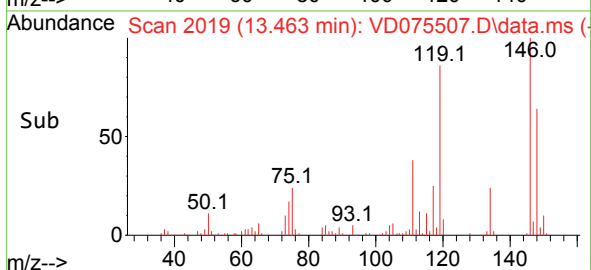
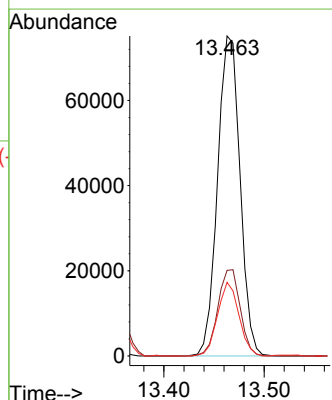
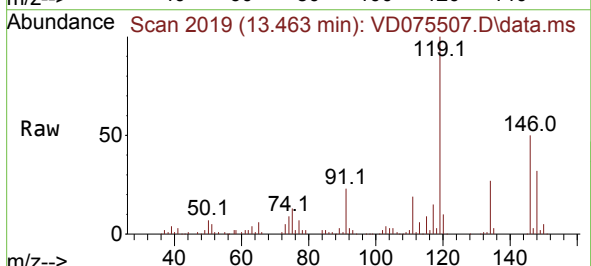
Tgt Ion:119 Resp: 116908

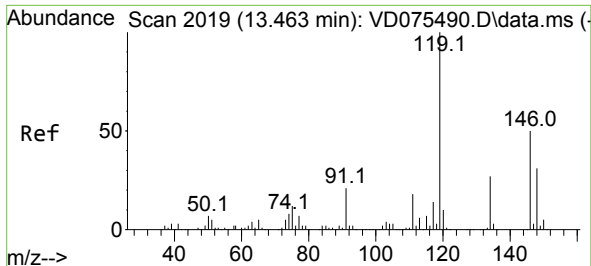
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 21.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.038 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

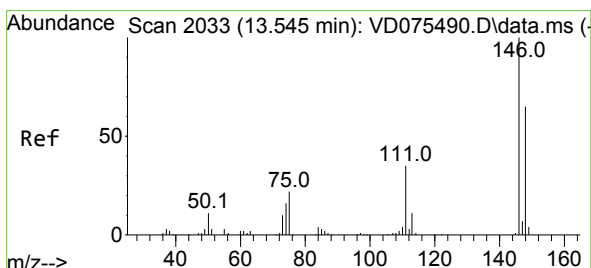
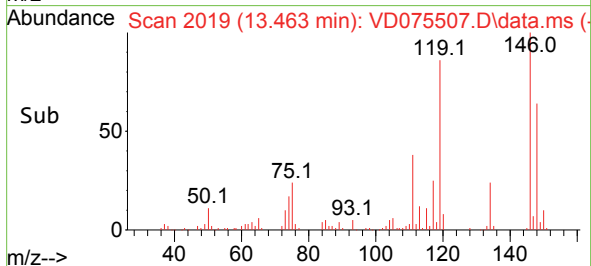
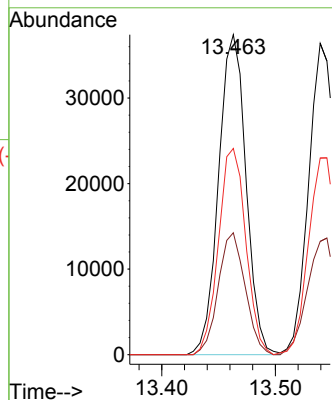
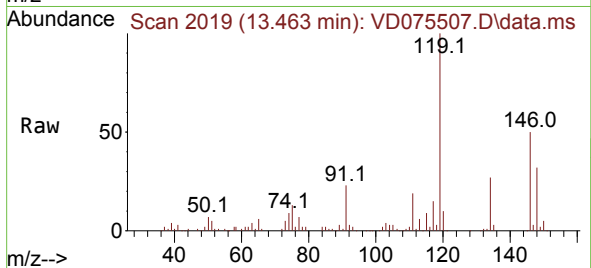
Tgt Ion:146 Resp: 62738

Ion Ratio Lower Upper

146 100

111 37.4 19.8 59.3

148 64.2 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 18.817 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

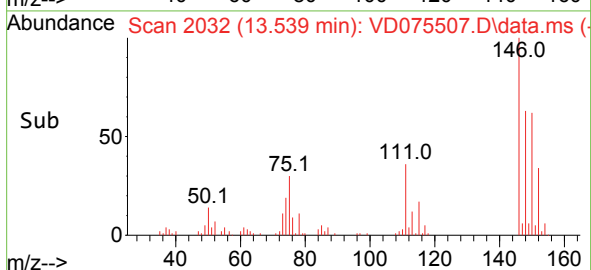
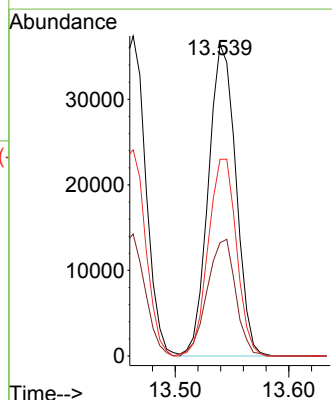
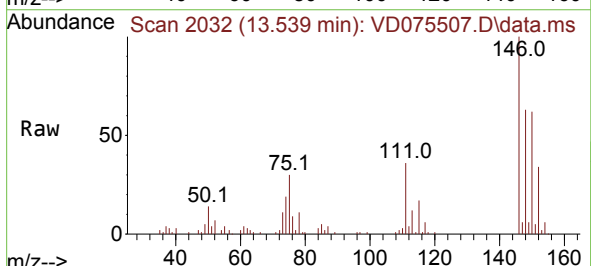
Tgt Ion:146 Resp: 61341

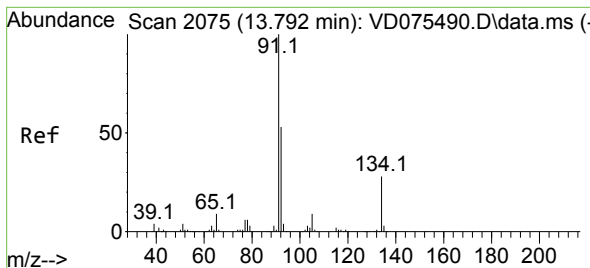
Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.8

148 65.0 31.7 95.1





#89

n-Butylbenzene

Concen: 19.452 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

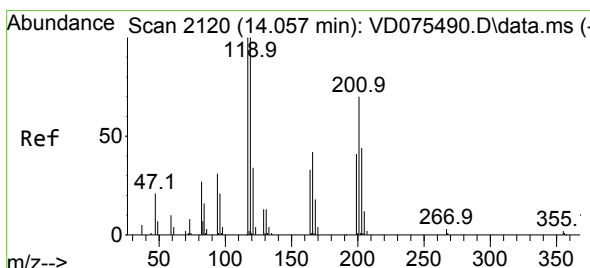
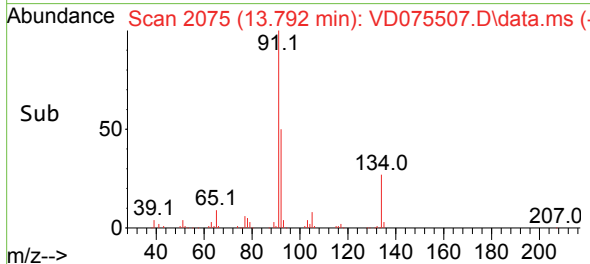
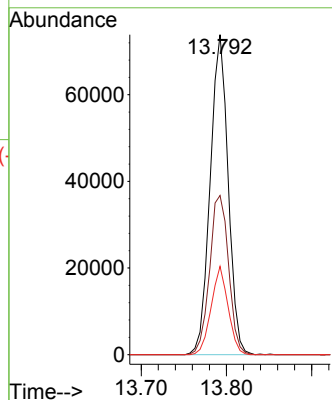
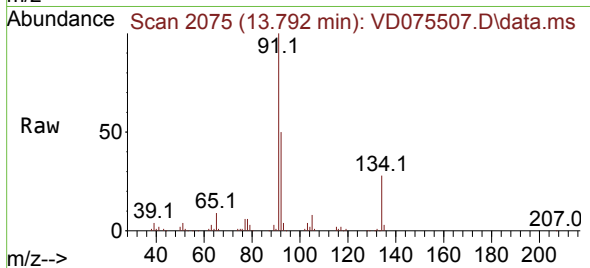
Tgt Ion: 91 Resp: 107858

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.5

134 26.1 12.7 38.0



#90

Hexachloroethane

Concen: 19.533 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD075507.D

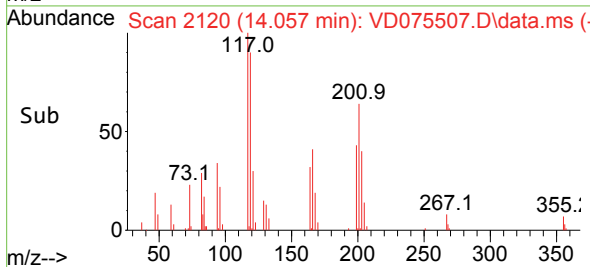
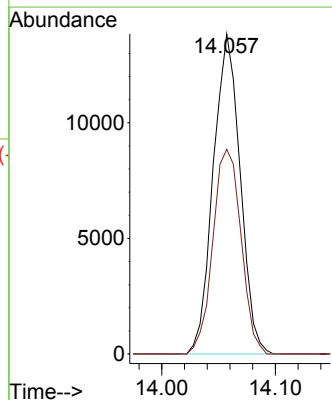
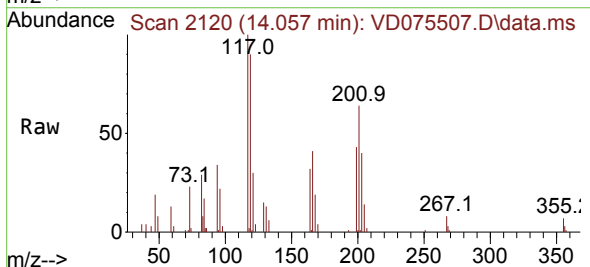
Acq: 13 Mar 2023 13:54

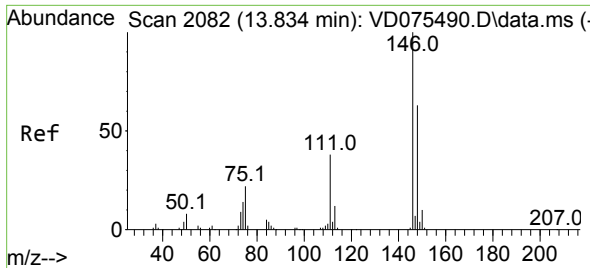
Tgt Ion: 117 Resp: 22803

Ion Ratio Lower Upper

117 100

201 66.8 34.5 103.6

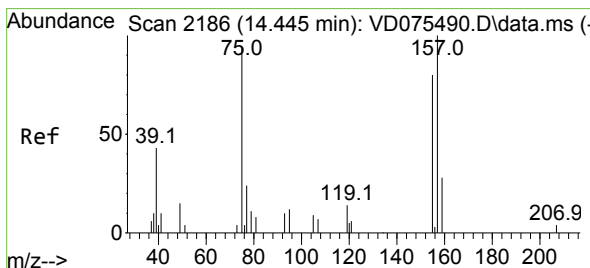
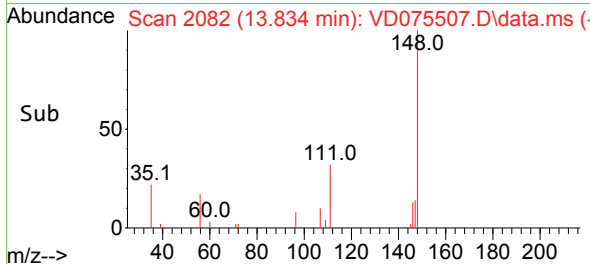
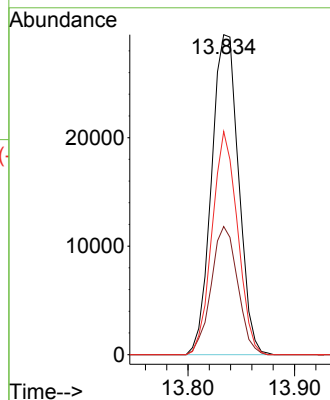
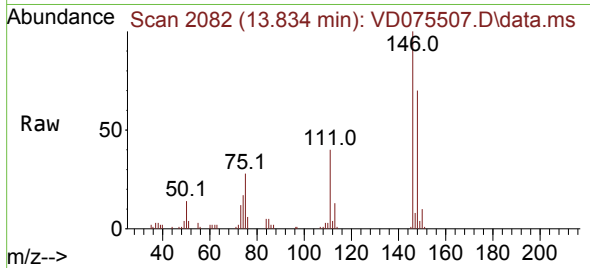




#91
1,2-Dichlorobenzene
Concen: 18.661 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

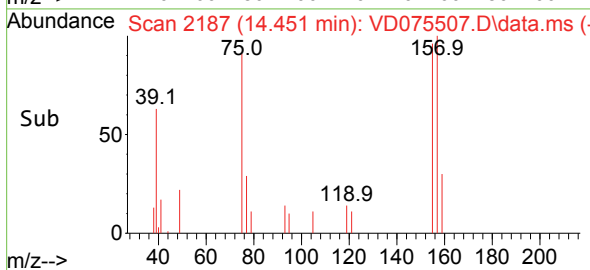
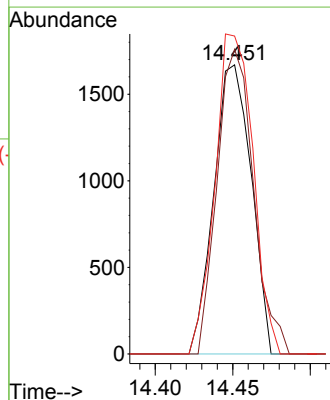
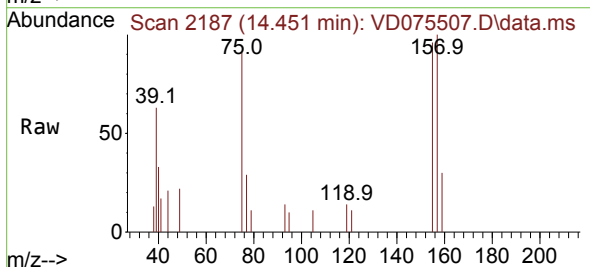
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

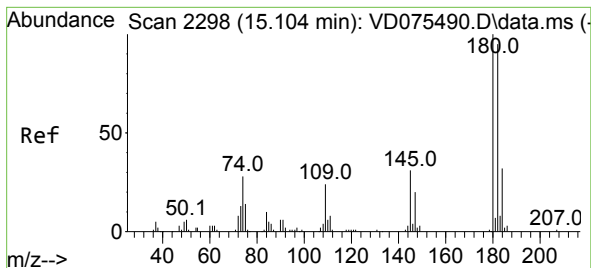
Tgt Ion:	146	Resp:	52040
Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.6	61.8
148	65.5	32.0	96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.557 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion:	75	Resp:	2799
Ion	Ratio	Lower	Upper
75	100		
155	102.5	39.5	118.5
157	112.6	53.5	160.7





#93

1,2,4-Trichlorobenzene

Concen: 17.760 ug/l

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBSD01

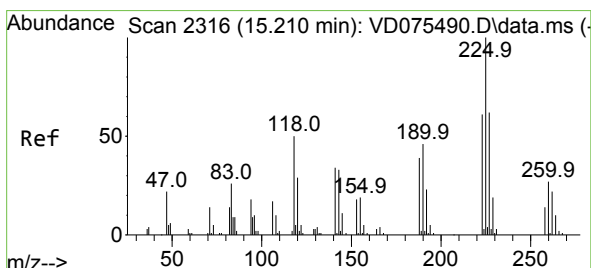
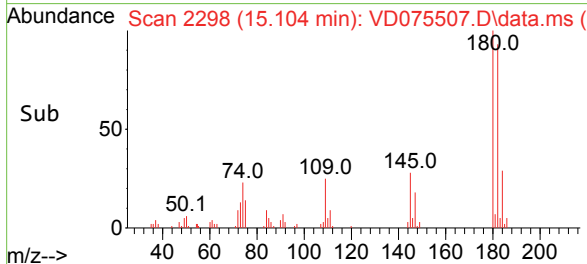
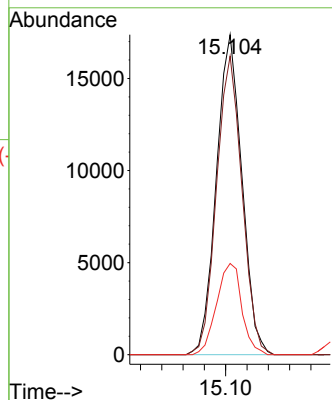
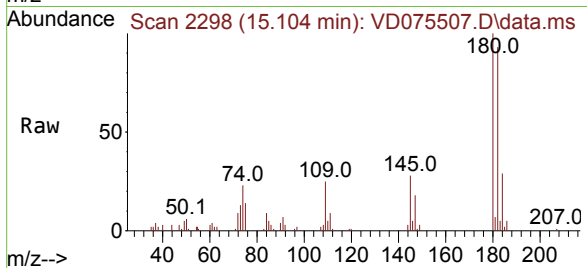
Tgt Ion:180 Resp: 28882

Ion Ratio Lower Upper

180 100

182 92.9 47.9 143.7

145 28.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.011 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. -0.000 min

Lab File: VD075507.D

Acq: 13 Mar 2023 13:54

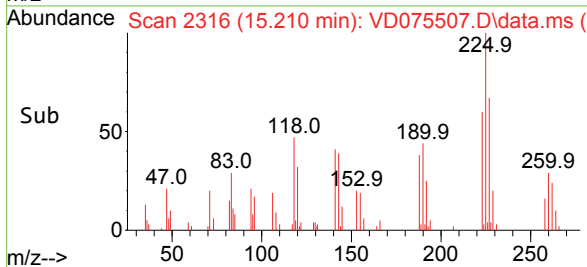
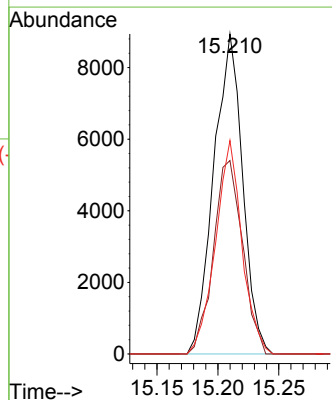
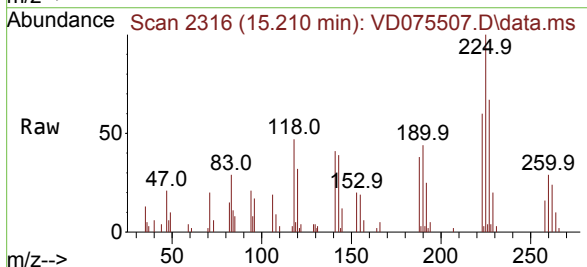
Tgt Ion:225 Resp: 14746

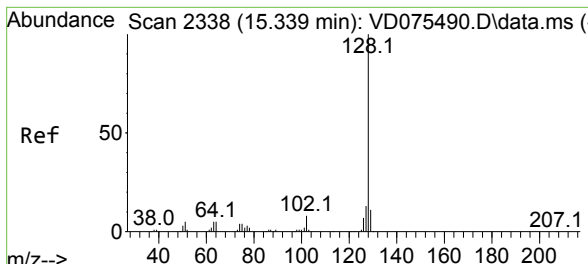
Ion Ratio Lower Upper

225 100

223 61.1 33.1 99.2

227 61.2 31.9 95.9

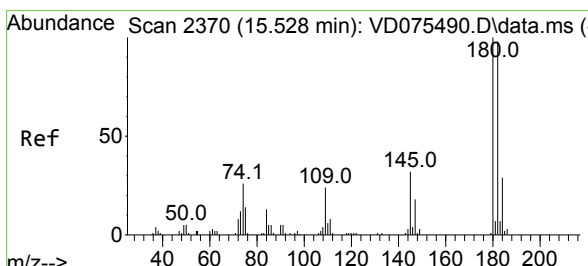
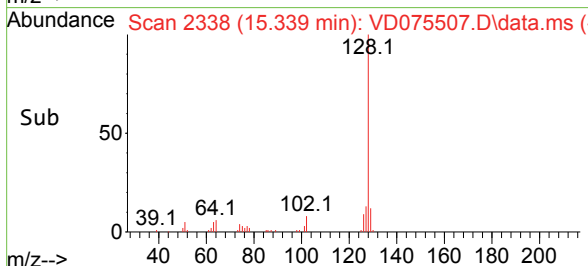
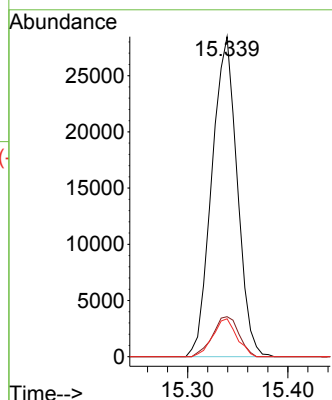
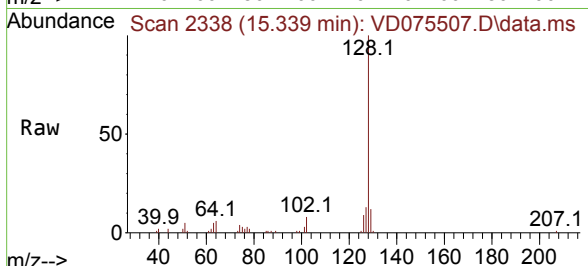




#95
Naphthalene
Concen: 16.757 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD0313SBSD01

Tgt Ion:	128	Resp:	50026
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.2	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.447 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075507.D
Acq: 13 Mar 2023 13:54

Tgt Ion:	180	Resp:	24483
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.7	143.1
145	29.8	16.4	49.4

