

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075617.D
 Acq On : 10 Apr 2023 20:20
 Operator : KP/SY
 Sample : VSTDICV50
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041023

Quant Time: Apr 11 03:09:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 02:59:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	218028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	377933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	355227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	181671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	92802	53.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.920%	
35) Dibromofluoromethane	7.805	113	113923	53.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.980%	
50) Toluene-d8	10.269	98	437001	54.253	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.500%	
62) 4-Bromofluorobenzene	12.575	95	133026	55.713	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	71756	48.700	ug/l	96
3) Chloromethane	2.146	50	128699	50.066	ug/l	100
4) Vinyl Chloride	2.281	62	180219	50.212	ug/l	100
5) Bromomethane	2.693	94	145103	49.967	ug/l	98
6) Chloroethane	2.834	64	127749	50.474	ug/l	100
7) Trichlorofluoromethane	3.181	101	155103	50.658	ug/l	97
8) Diethyl Ether	3.593	74	54072	59.417	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.970	101	104035	52.034	ug/l	95
10) Methyl Iodide	4.164	142	134859	59.326	ug/l	90
11) Tert butyl alcohol	5.058	59	22439	285.881	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	102279	53.882	ug/l	88
13) Acrolein	3.799	56	31644	253.970	ug/l	100
14) Allyl chloride	4.558	41	94178	55.697	ug/l #	82
15) Acrylonitrile	5.258	53	105621	304.139	ug/l	96
16) Acetone	4.022	43	94176	310.719	ug/l #	82
17) Carbon Disulfide	4.269	76	254957	49.494	ug/l	95
18) Methyl Acetate	4.569	43	53547	57.460	ug/l #	69
19) Methyl tert-butyl Ether	5.316	73	237577	61.009	ug/l	93
20) Methylene Chloride	4.799	84	179329	54.419	ug/l #	72
21) trans-1,2-Dichloroethene	5.311	96	120671	54.754	ug/l #	73
22) Diisopropyl ether	6.216	45	245010	60.732	ug/l #	88
23) Vinyl Acetate	6.158	43	610265	319.266	ug/l #	85
24) 1,1-Dichloroethane	6.116	63	184217	53.548	ug/l	96
25) 2-Butanone	7.081	43	117439	298.694	ug/l #	69
26) 2,2-Dichloropropane	7.075	77	163657	50.935	ug/l	89
27) cis-1,2-Dichloroethene	7.081	96	143924	55.650	ug/l	81
28) Bromochloromethane	7.428	49	66674	56.116	ug/l #	49
29) Tetrahydrofuran	7.446	42	63754	305.095	ug/l #	51
30) Chloroform	7.599	83	216870	55.177	ug/l	100
31) Cyclohexane	7.881	56	121288	49.026	ug/l #	71
32) 1,1,1-Trichloroethane	7.793	97	175073	53.812	ug/l	96
36) 1,1-Dichloropropene	8.010	75	148053	54.724	ug/l	94
37) Ethyl Acetate	7.169	43	46857	57.712	ug/l #	72
38) Carbon Tetrachloride	7.993	117	142382	55.096	ug/l	98
39) Methylcyclohexane	9.275	83	170902	54.643	ug/l	90
40) Benzene	8.252	78	477161	55.221	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	25257	57.931	ug/l #	62
42) 1,2-Dichloroethane	8.328	62	115812	57.185	ug/l	91
43) Isopropyl Acetate	8.363	43	94644	61.833	ug/l #	80
44) Trichloroethene	9.028	130	131983	53.491	ug/l	93
45) 1,2-Dichloropropane	9.305	63	110665	56.543	ug/l	95
46) Dibromomethane	9.393	93	71961	57.512	ug/l	95
47) Bromodichloromethane	9.587	83	168737	56.829	ug/l	96
48) Methyl methacrylate	9.381	41	40497	60.372	ug/l #	57
49) 1,4-Dioxane	9.387	88	13131	1165.141	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	246914	310.764	ug/l #	76
52) Toluene	10.334	92	317475	56.985	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	156694	58.985	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	186099	57.374	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	104300	58.188	ug/l	94
56) Ethyl methacrylate	10.599	69	105293	62.176	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	156353	58.749	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	253251	309.571	ug/l #	85
59) 2-Hexanone	10.922	43	180050	321.247	ug/l	71
60) Dibromochloromethane	11.075	129	122203	57.263	ug/l	97
61) 1,2-Dibromoethane	11.181	107	97644	57.301	ug/l	98
64) Tetrachloroethene	10.810	164	110742	55.906	ug/l	96
65) Chlorobenzene	11.604	112	351394	55.525	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	127179	56.529	ug/l	97
67) Ethyl Benzene	11.687	91	594730	57.418	ug/l	96
68) m/p-Xylenes	11.793	106	497716	117.189	ug/l	90
69) o-Xylene	12.122	106	231360	59.625	ug/l	92
70) Styrene	12.134	104	409239	61.746	ug/l	93
71) Bromoform	12.298	173	72722	61.124	ug/l #	100
73) Isopropylbenzene	12.422	105	584943	56.968	ug/l	98
74) N-amyl acetate	12.234	43	87277	60.582	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	111403	55.233	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	128559	94.704	ug/l #	100
77) Bromobenzene	12.704	156	145206	55.259	ug/l	89
78) n-propylbenzene	12.763	91	703845	56.616	ug/l	97
79) 2-Chlorotoluene	12.851	91	386848	56.170	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	483294	57.872	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	32284	56.642	ug/l #	73
82) 4-Chlorotoluene	12.946	91	409205	57.163	ug/l	93
83) tert-Butylbenzene	13.169	119	419668	57.473	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	491072	58.062	ug/l	96
85) sec-Butylbenzene	13.345	105	635403	56.903	ug/l	98
86) p-Isopropyltoluene	13.463	119	533817	57.447	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	303125	55.634	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	294610	54.058	ug/l	97
89) n-Butylbenzene	13.787	91	485222	56.620	ug/l	98
90) Hexachloroethane	14.051	117	99511	54.154	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	260129	54.843	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14358	59.314	ug/l	78
93) 1,2,4-Trichlorobenzene	15.104	180	147520	58.590	ug/l	98
94) Hexachlorobutadiene	15.204	225	65904	54.535	ug/l	97
95) Naphthalene	15.334	128	297796	63.138	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	130829	59.538	ug/l	99

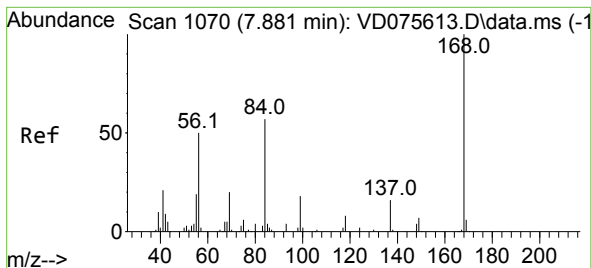
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

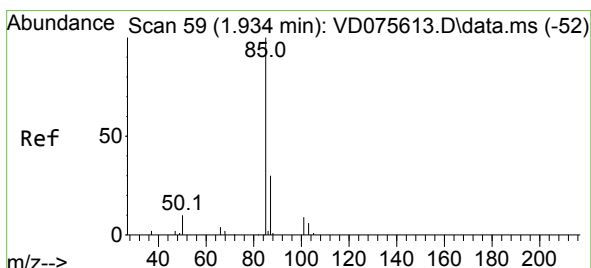
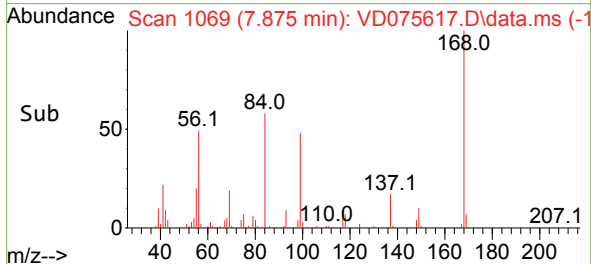
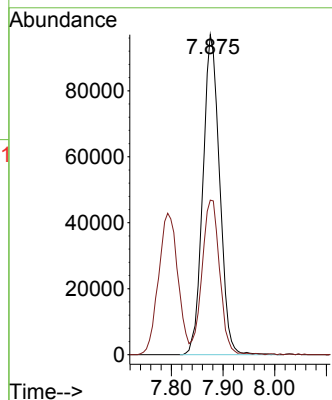
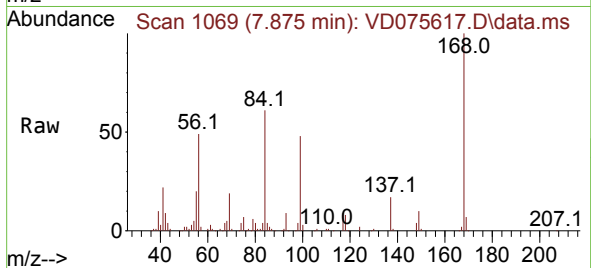
ICVVD041023

Tgt Ion:168 Resp: 218028

Ion Ratio Lower Upper

168 100

99 48.0 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 48.700 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075617.D

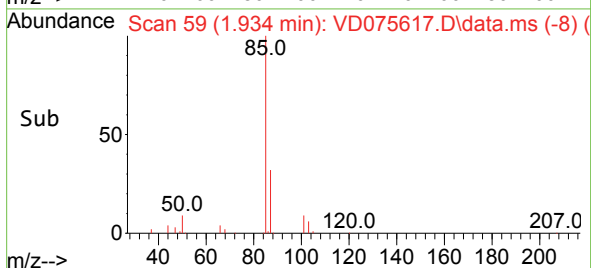
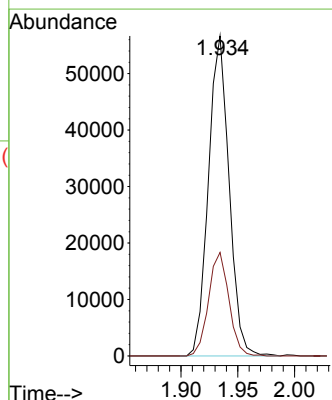
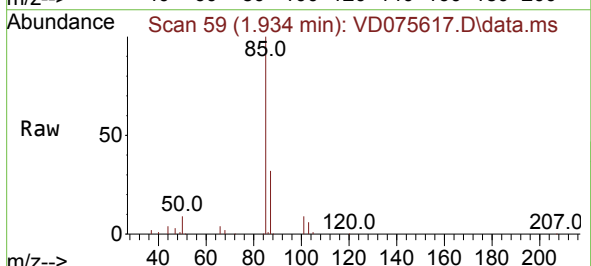
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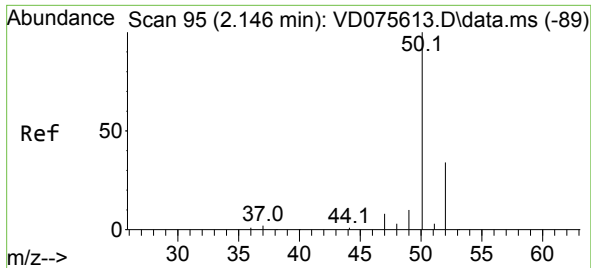
Tgt Ion: 85 Resp: 71756

Ion Ratio Lower Upper

85 100

87 32.4 17.3 51.7

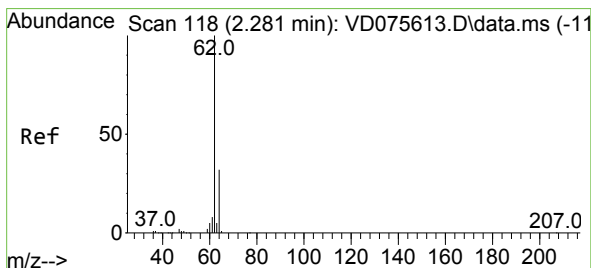
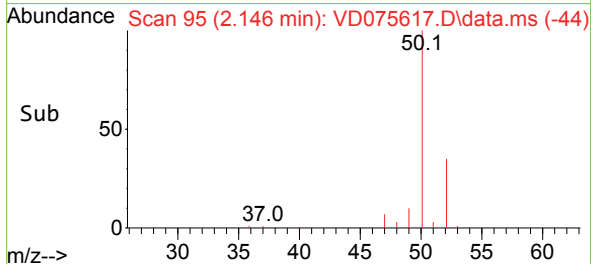
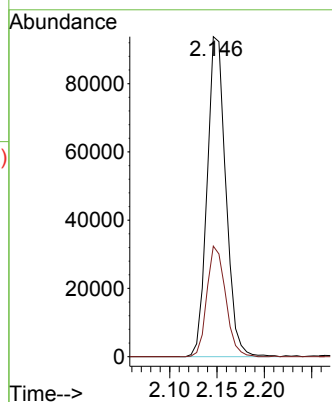
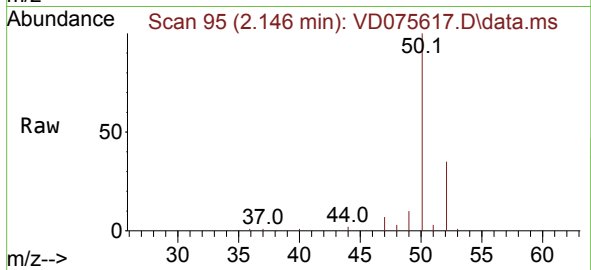




#3
Chloromethane
Concen: 50.066 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

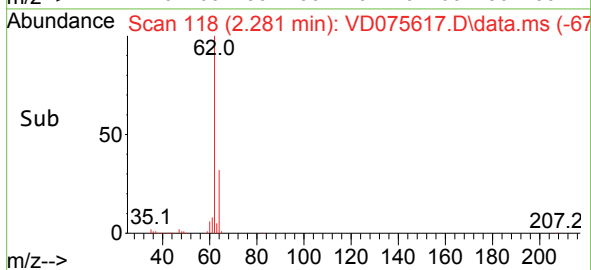
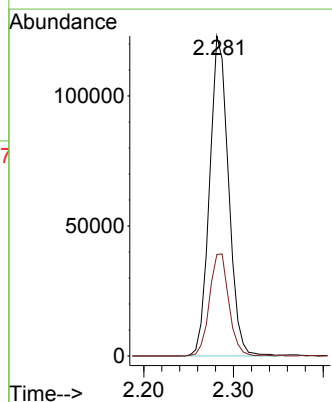
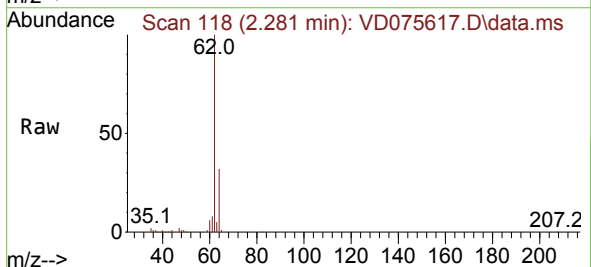
Instrument :
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ClientSampleId :
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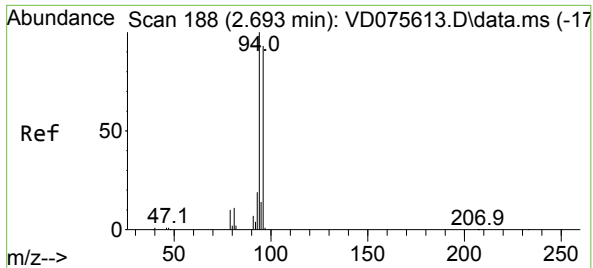
Tgt Ion: 50 Resp: 128699
Ion Ratio Lower Upper
50 100
52 34.6 27.8 41.8



#4
Vinyl Chloride
Concen: 50.212 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 62 Resp: 180219
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

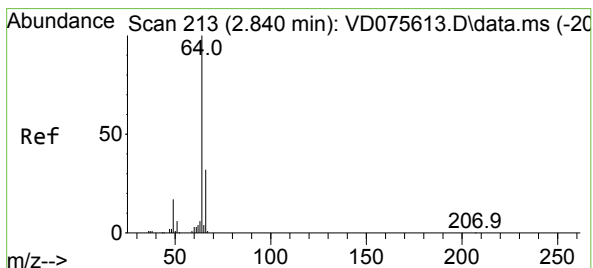
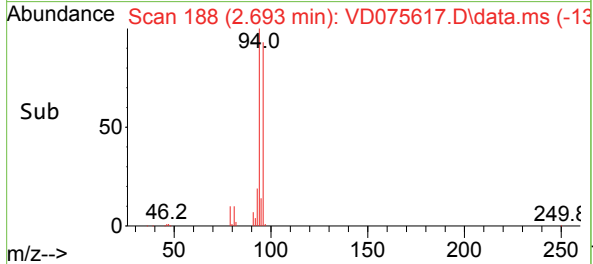
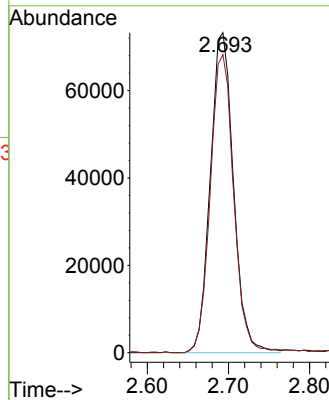
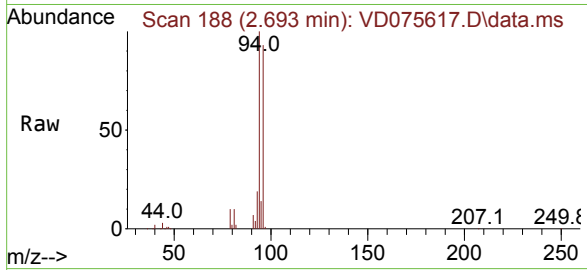




#5
Bromomethane
Concen: 49.967 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

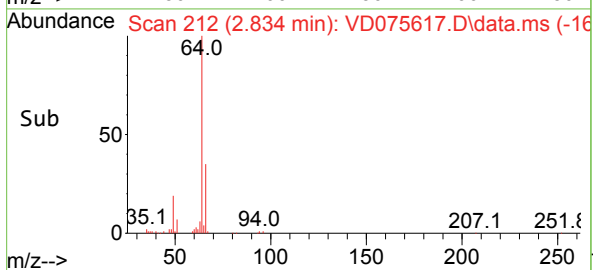
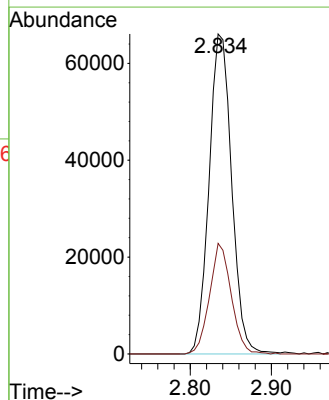
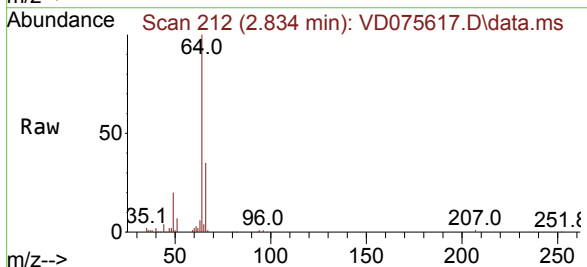
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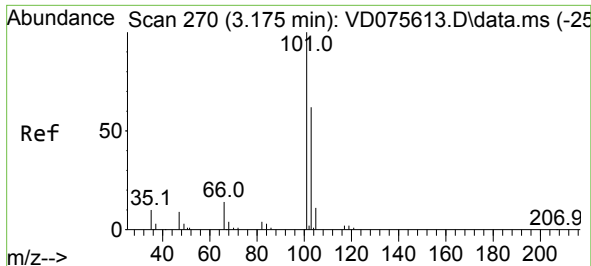
Tgt Ion: 94 Resp: 145103
Ion Ratio Lower Upper
94 100
96 94.9 77.5 116.3



#6
Chloroethane
Concen: 50.474 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.005 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 64 Resp: 127749
Ion Ratio Lower Upper
64 100
66 34.5 27.7 41.5

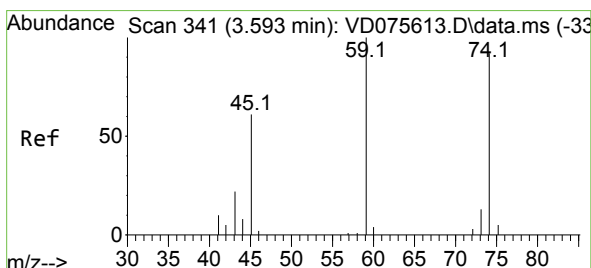
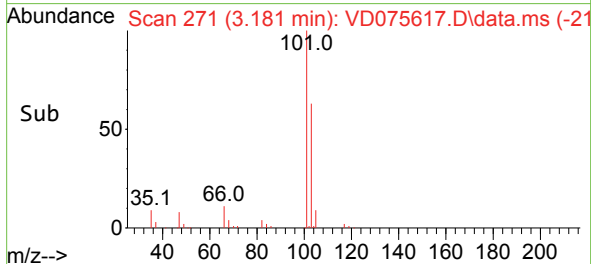
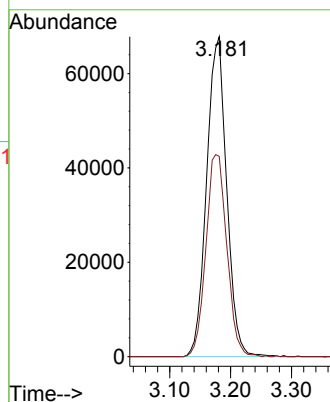
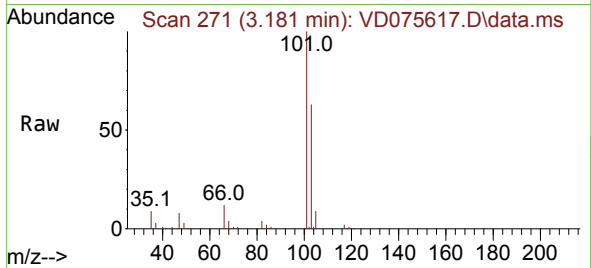




#7
Trichlorofluoromethane
Concen: 50.658 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

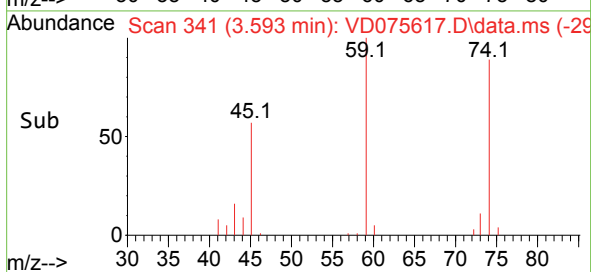
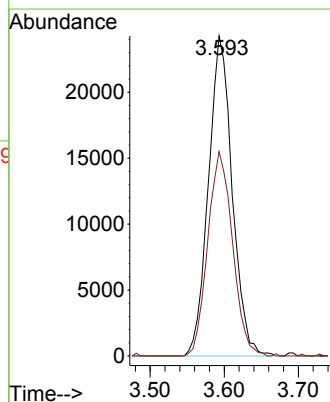
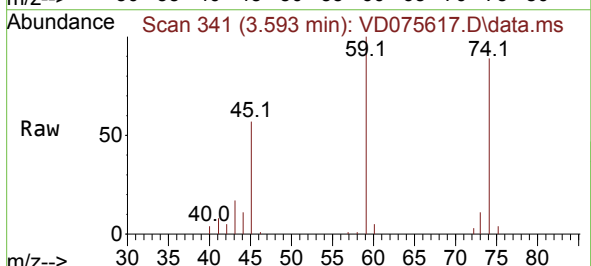
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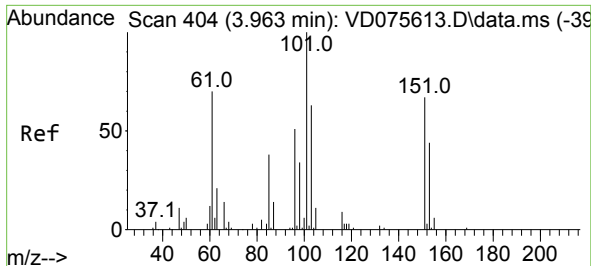
Tgt Ion:101 Resp: 155103
Ion Ratio Lower Upper
101 100
103 62.6 51.9 77.9



#8
Diethyl Ether
Concen: 59.417 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 74 Resp: 54072
Ion Ratio Lower Upper
74 100
45 66.5 50.9 152.7

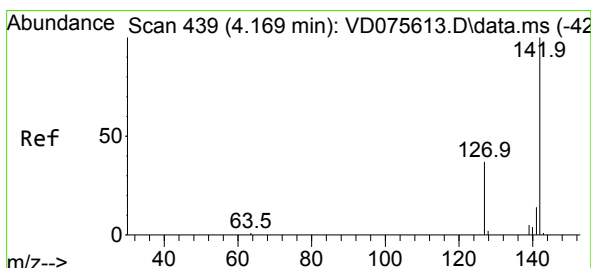
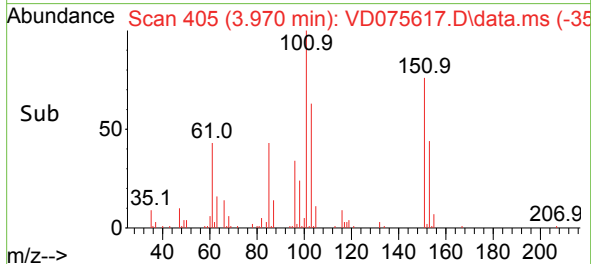
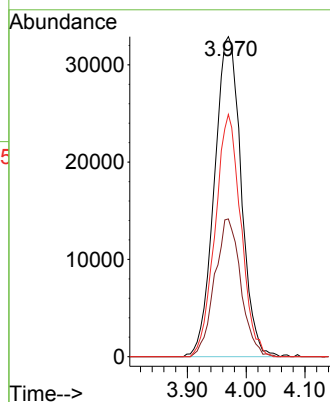
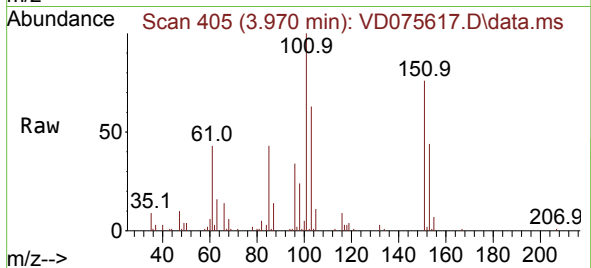




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.034 ug/l
RT: 3.970 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

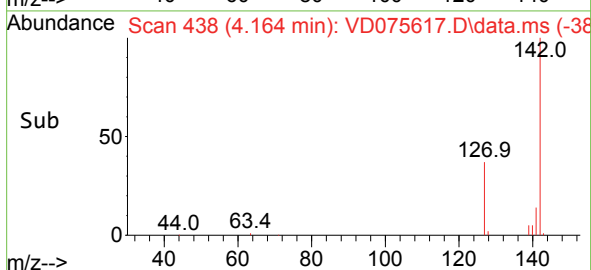
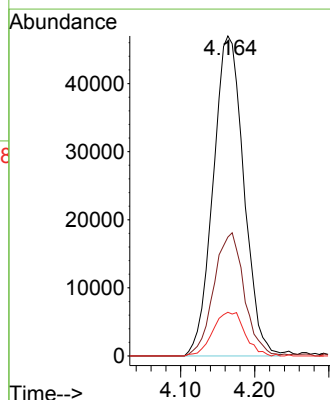
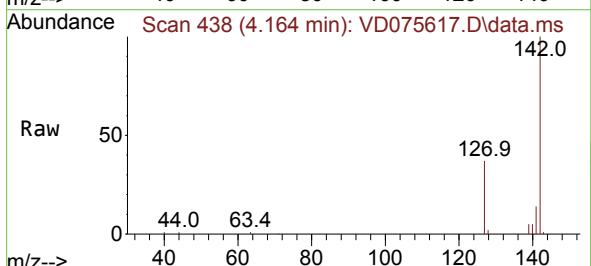
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

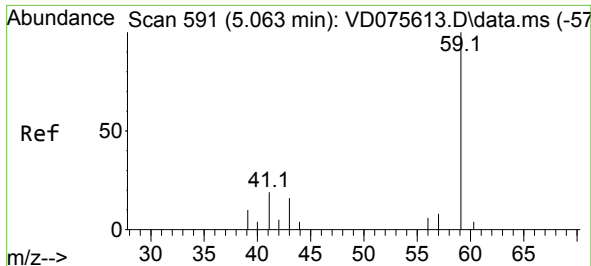
Tgt Ion:101 Resp: 104035
Ion Ratio Lower Upper
101 100
85 42.1 38.3 57.5
151 72.7 60.4 90.6



#10
Methyl Iodide
Concen: 59.326 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:142 Resp: 134859
Ion Ratio Lower Upper
142 100
127 38.3 37.1 55.7
141 14.3 11.3 16.9

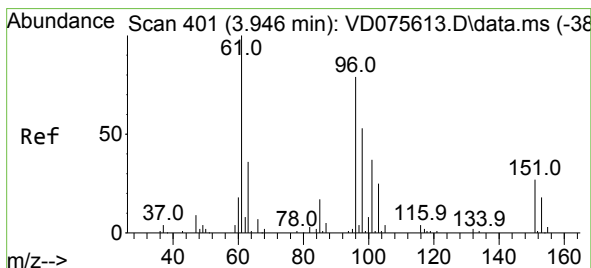
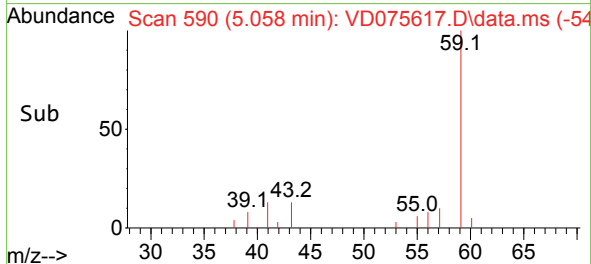
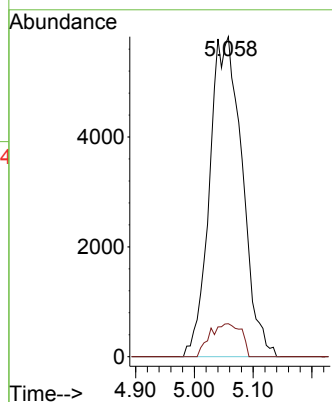
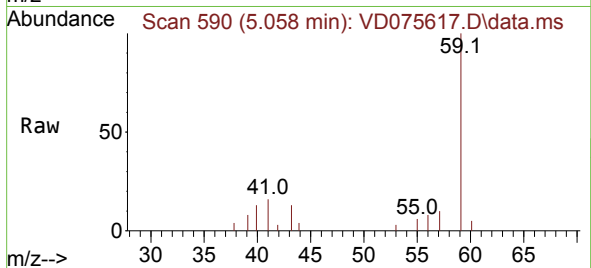




#11
Tert butyl alcohol
Concen: 285.881 ug/l
RT: 5.058 min Scan# 591
Delta R.T. -0.005 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

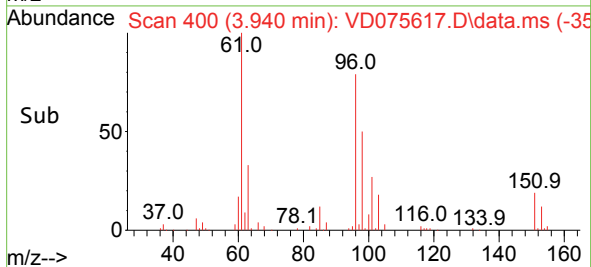
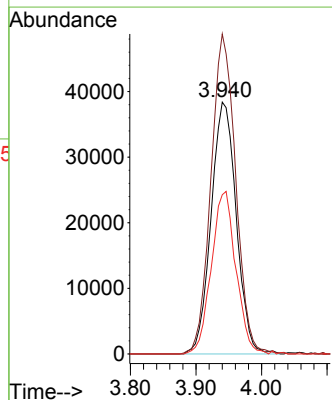
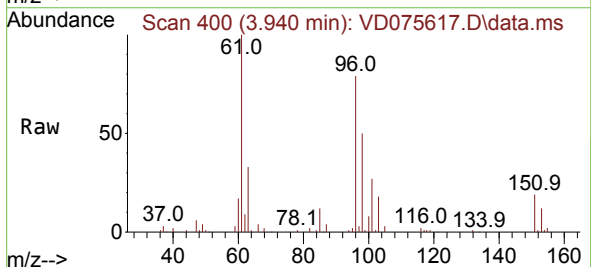
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

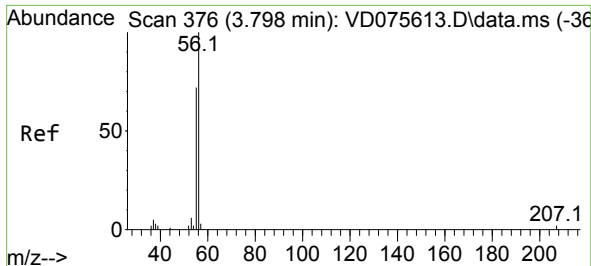
Tgt Ion: 59 Resp: 22439
Ion Ratio Lower Upper
59 100
57 9.9 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 53.882 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.005 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 96 Resp: 102279
Ion Ratio Lower Upper
96 100
61 127.1 118.6 177.8
98 63.2 49.7 74.5

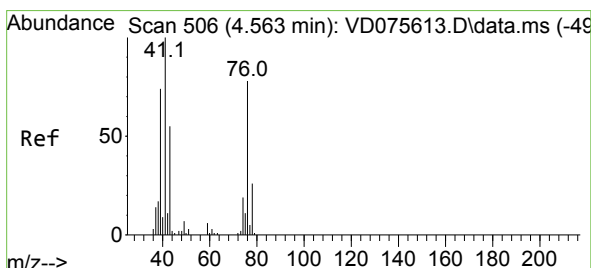
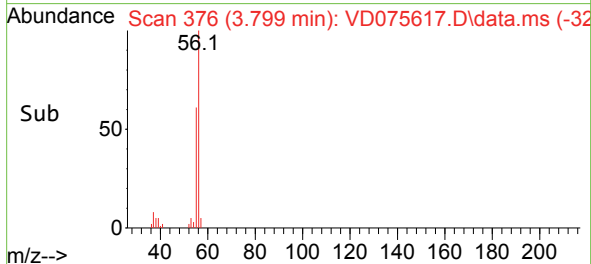
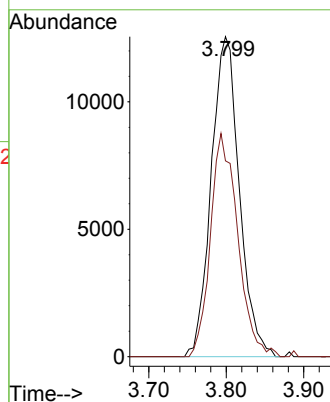
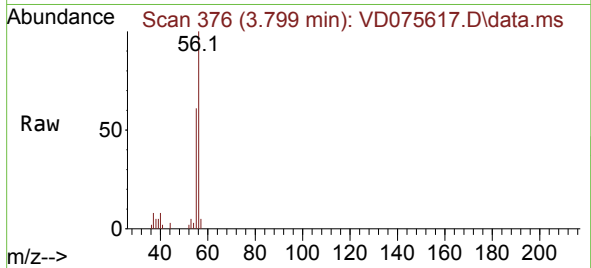




#13
Acrolein
Concen: 253.970 ug/l
RT: 3.799 min Scan# 316
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

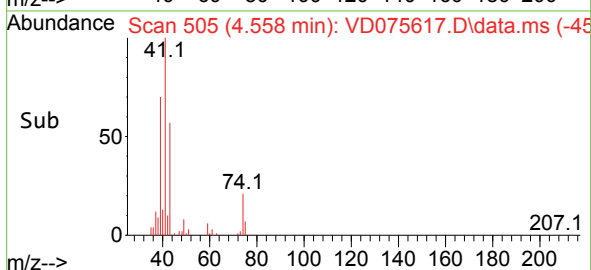
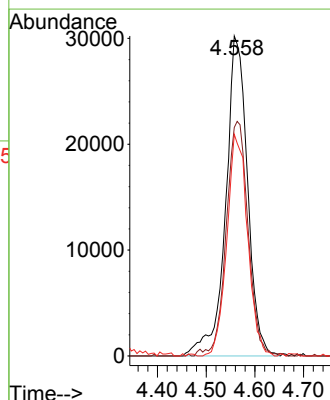
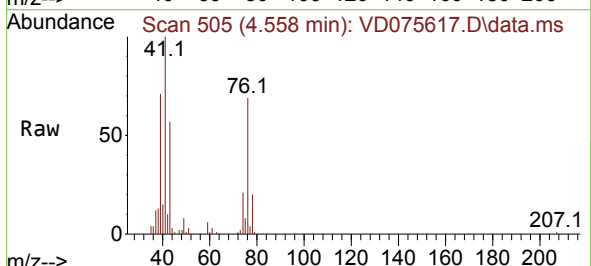
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

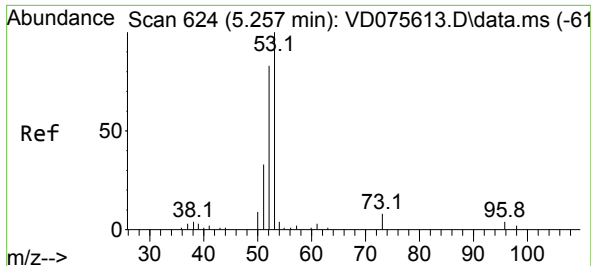
Tgt Ion: 56 Resp: 31644
Ion Ratio Lower Upper
56 100
55 67.8 53.9 80.9



#14
Allyl chloride
Concen: 55.697 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 41 Resp: 94178
Ion Ratio Lower Upper
41 100
39 73.2 60.6 90.8
76 65.8 28.6 43.0#

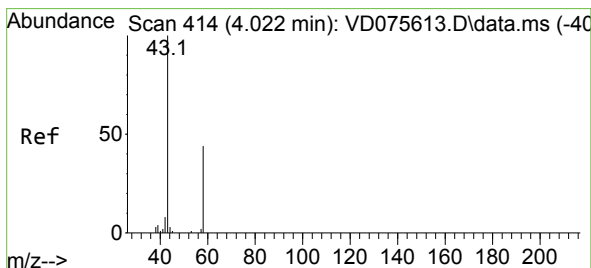
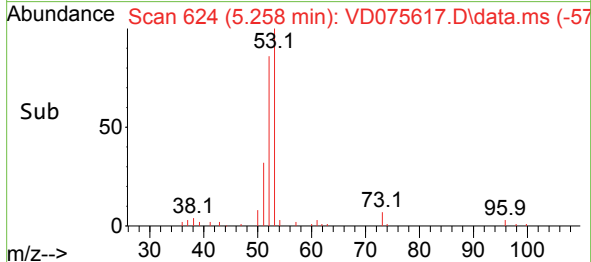
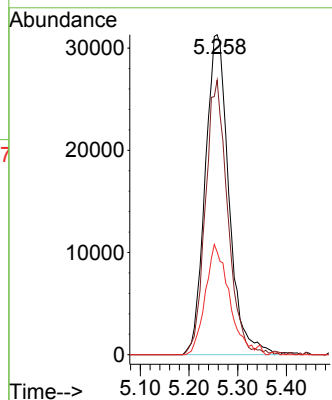
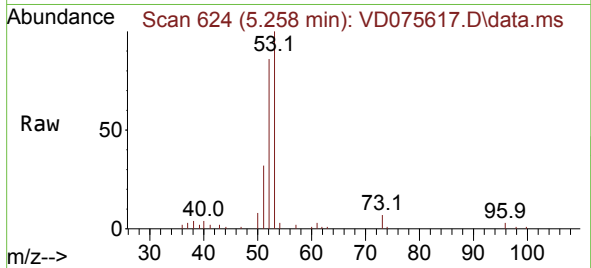




#15
Acrylonitrile
Concen: 304.139 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

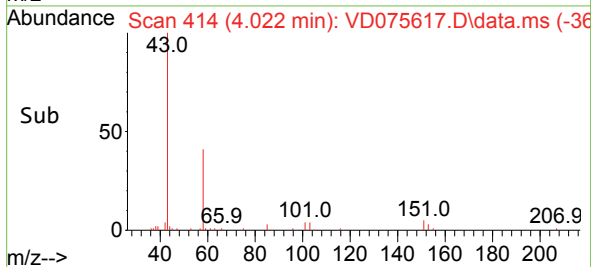
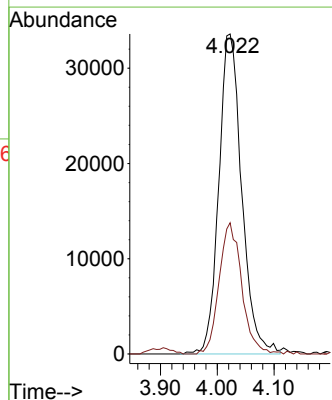
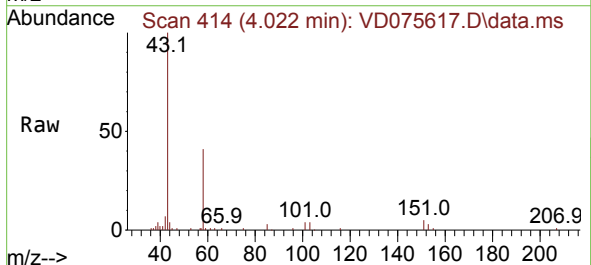
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

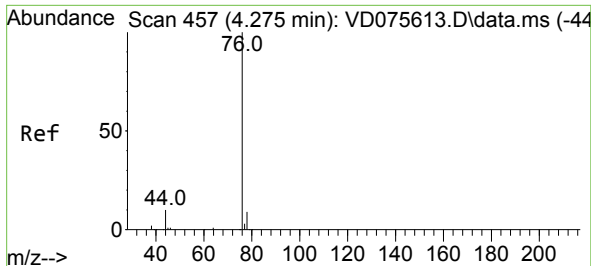
Tgt Ion: 53 Resp: 105621
Ion Ratio Lower Upper
53 100
52 80.6 66.2 99.4
51 34.6 30.7 46.1



#16
Acetone
Concen: 310.719 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 43 Resp: 94176
Ion Ratio Lower Upper
43 100
58 40.4 24.4 36.6#

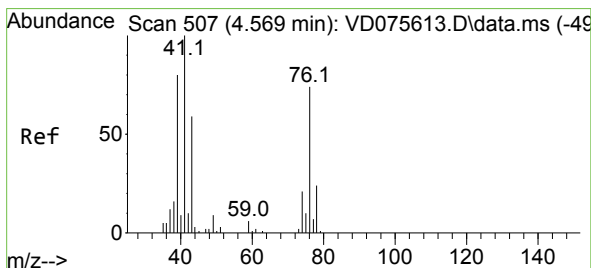
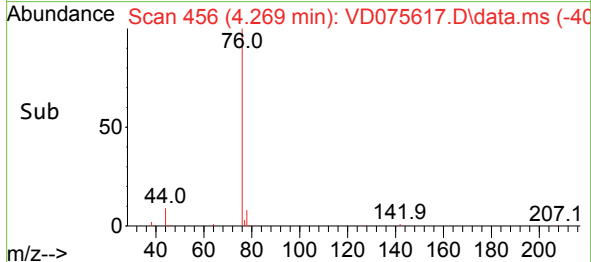
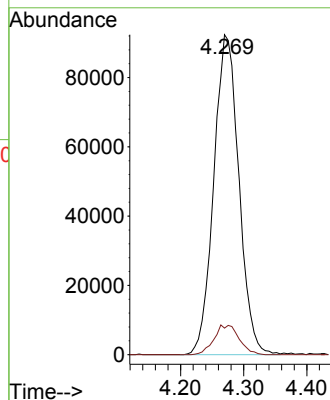
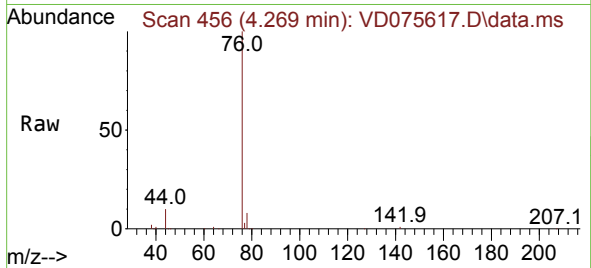




#17
Carbon Disulfide
Concen: 49.494 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.005 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

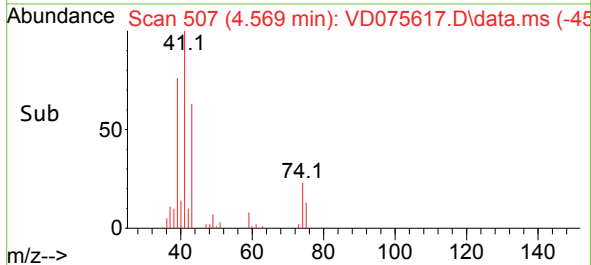
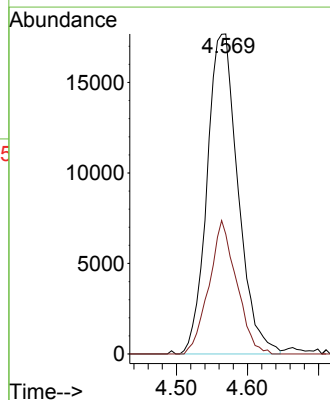
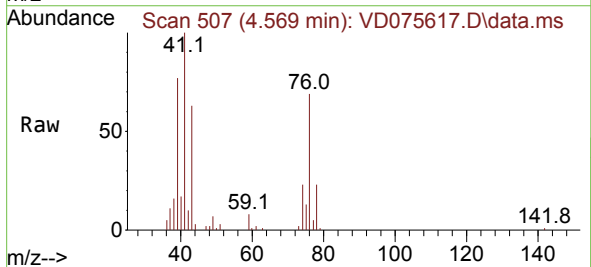
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

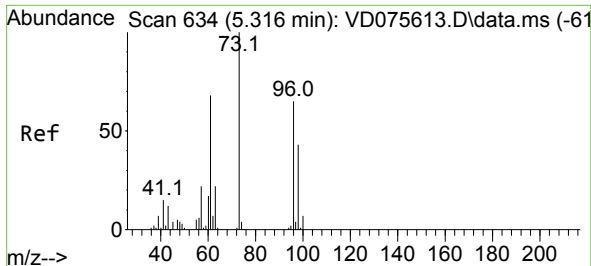
Tgt Ion: 76 Resp: 254957
Ion Ratio Lower Upper
76 100
78 8.3 8.0 12.0



#18
Methyl Acetate
Concen: 57.460 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 43 Resp: 53547
Ion Ratio Lower Upper
43 100
74 37.1 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 61.009 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

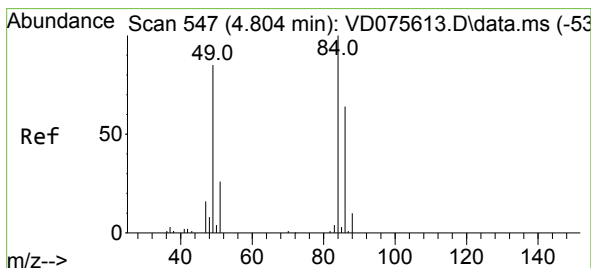
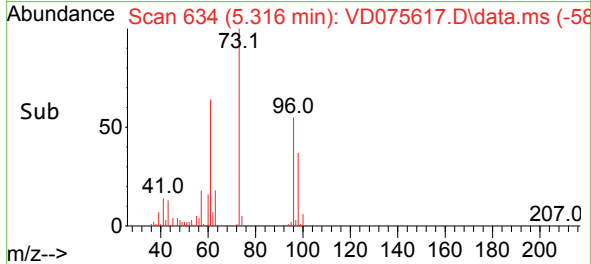
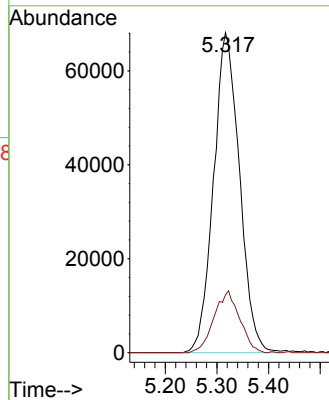
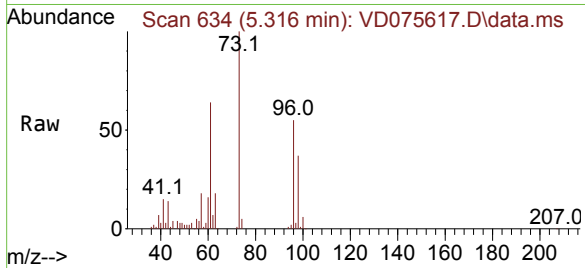
ICVVD041023

Tgt Ion: 73 Resp: 237577

Ion Ratio Lower Upper

73 100

57 18.1 17.2 25.8



#20

Methylene Chloride

Concen: 54.419 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Tgt Ion: 84 Resp: 179329

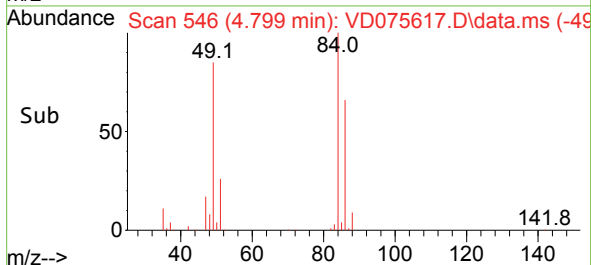
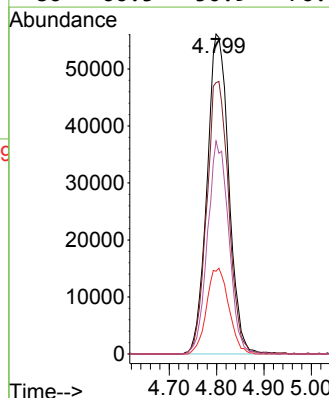
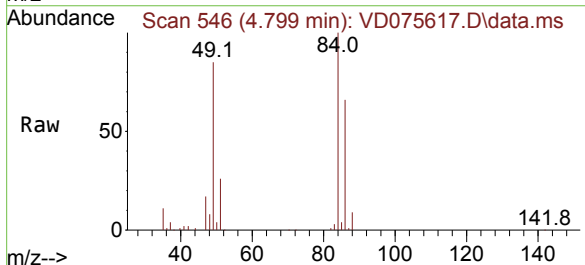
Ion Ratio Lower Upper

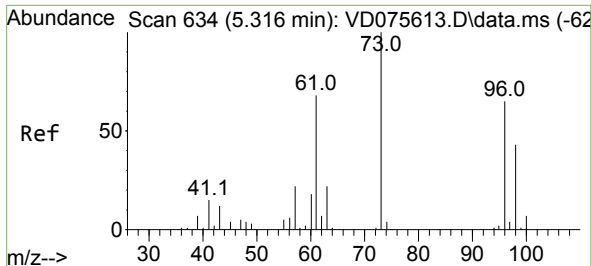
84 100

49 84.8 106.4 159.6#

51 25.8 32.4 48.6#

86 66.5 50.9 76.3

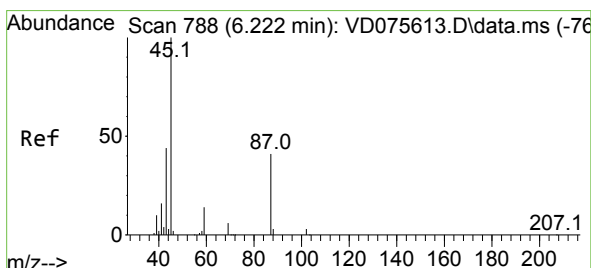
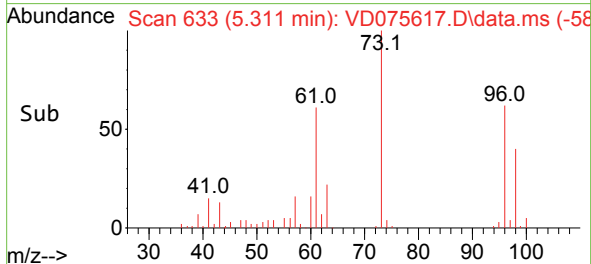
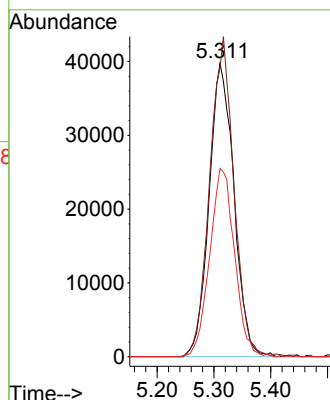
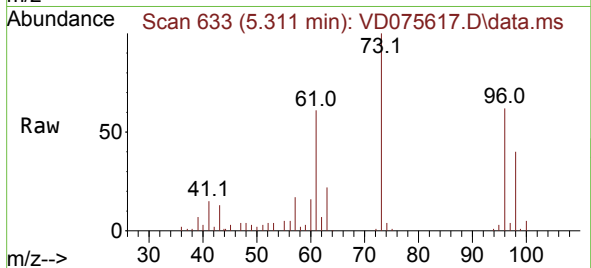




#21
trans-1,2-Dichloroethene
Concen: 54.754 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

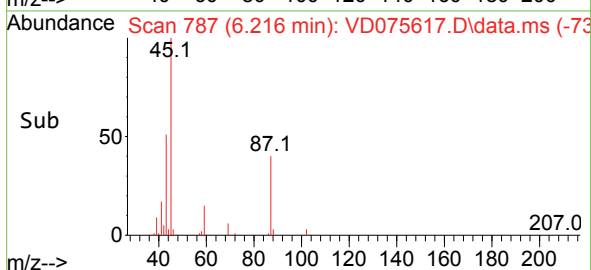
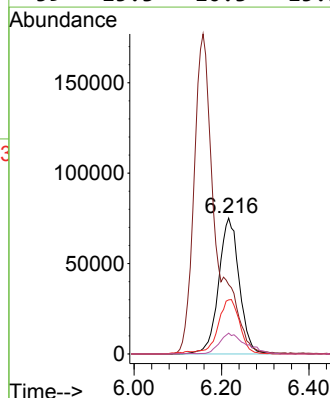
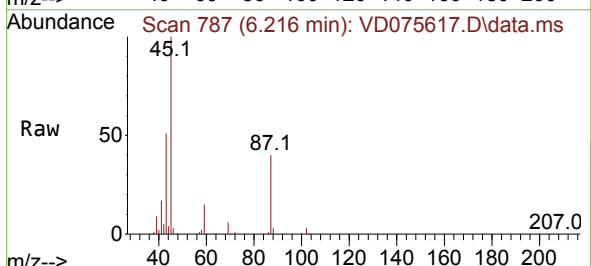
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

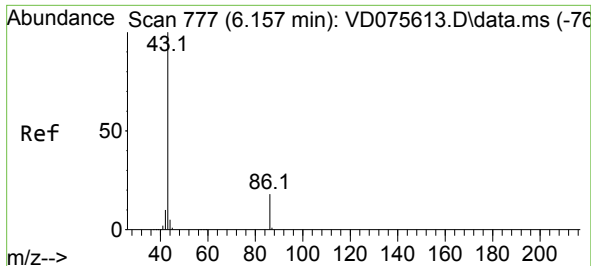
Tgt Ion: 96 Resp: 120671
Ion Ratio Lower Upper
96 100
61 98.4 117.2 175.8#
98 64.1 50.6 76.0



#22
Diisopropyl ether
Concen: 60.732 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.005 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 45 Resp: 245010
Ion Ratio Lower Upper
45 100
43 50.3 44.4 66.6
87 39.8 20.9 31.3#
59 15.3 10.3 15.5

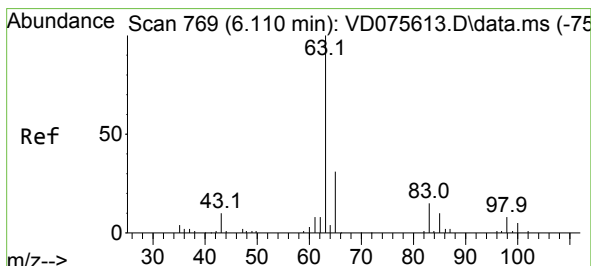
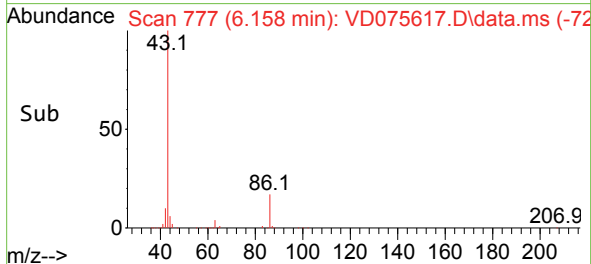
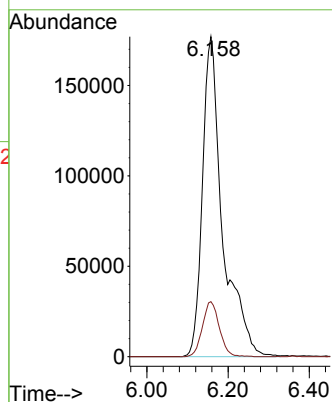
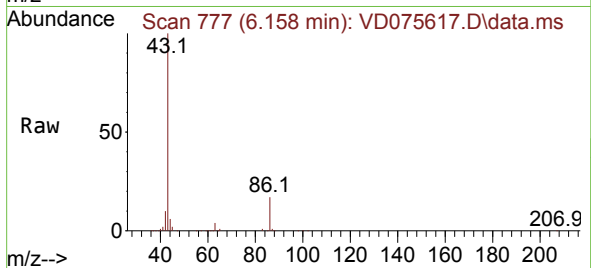




#23
 Vinyl Acetate
 Concen: 319.266 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

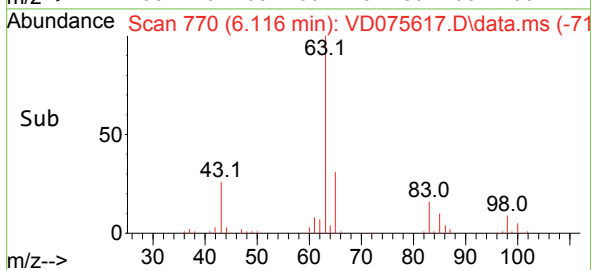
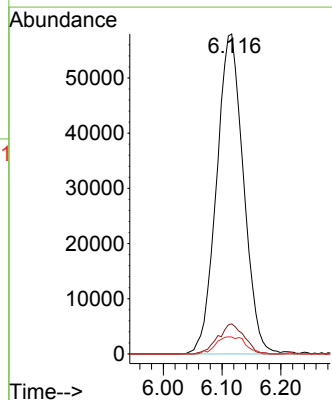
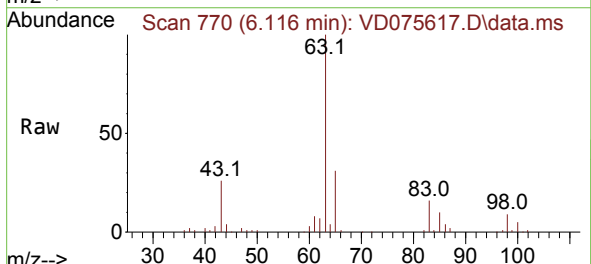
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041023

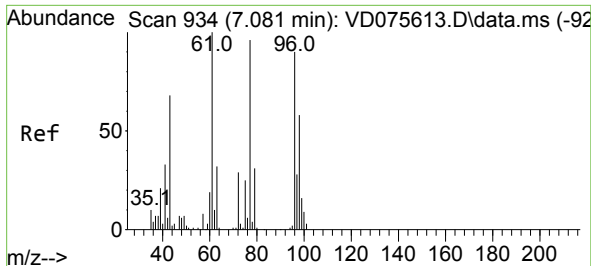
Tgt Ion: 43 Resp: 610265
 Ion Ratio Lower Upper
 43 100
 86 17.2 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 53.548 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

Tgt Ion: 63 Resp: 184217
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.9 11.7
 100 5.3 2.0 6.0

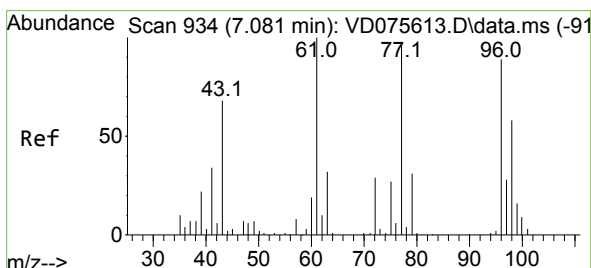
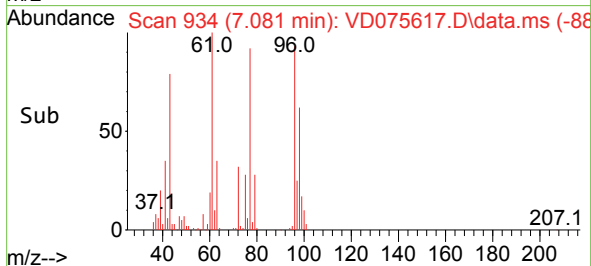
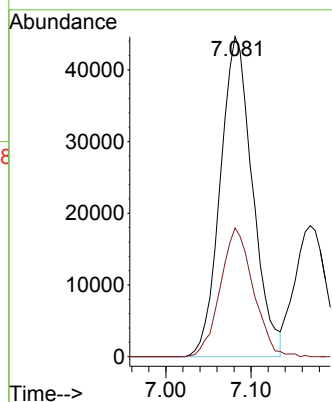
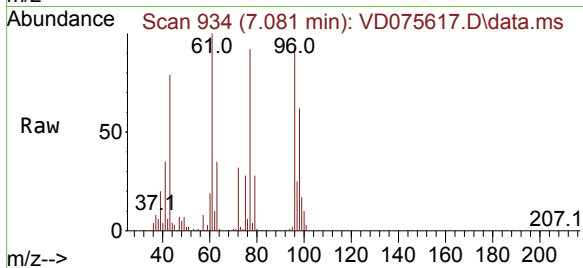




#25
2-Butanone
Concen: 298.694 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

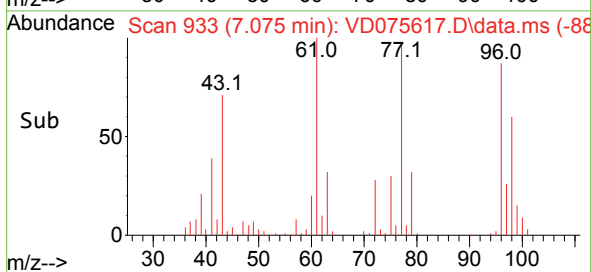
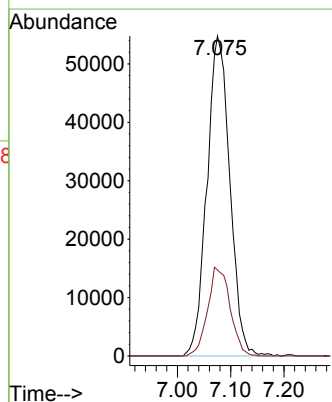
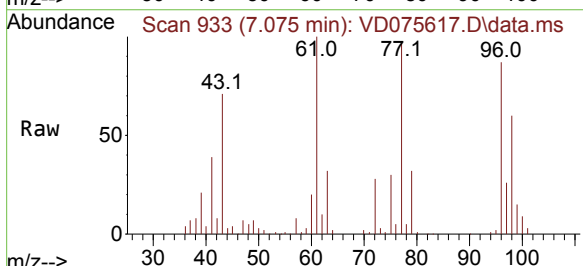
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

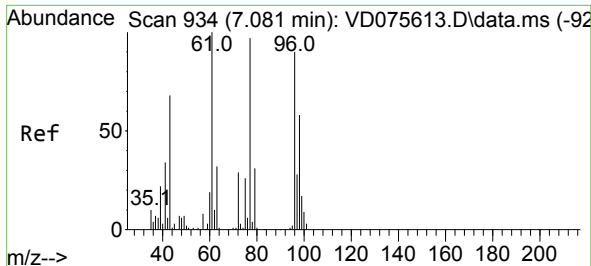
Tgt Ion: 43 Resp: 117439
Ion Ratio Lower Upper
43 100
72 40.3 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 50.935 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.005 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 77 Resp: 163657
Ion Ratio Lower Upper
77 100
97 27.1 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 55.650 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

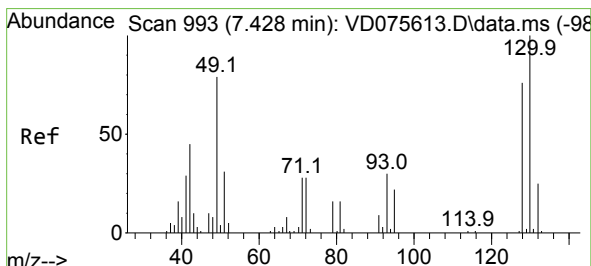
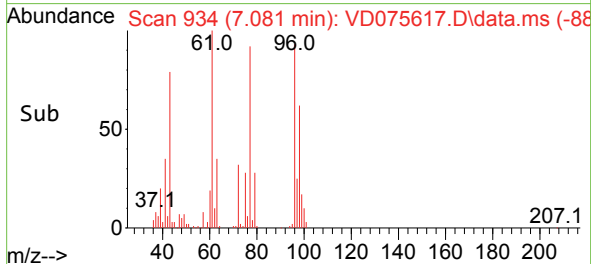
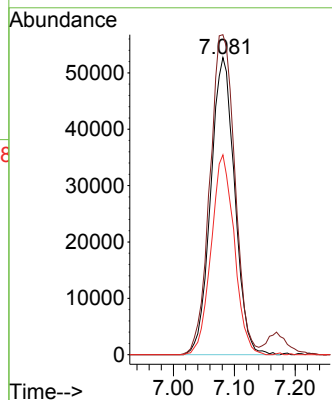
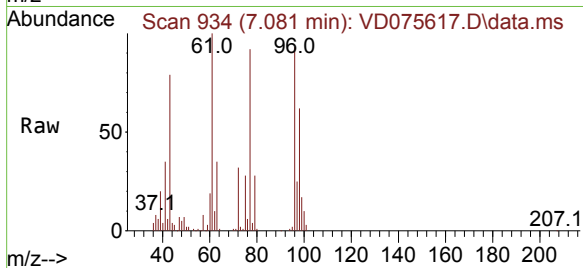
Tgt Ion: 96 Resp: 143924

Ion Ratio Lower Upper

96 100

61 112.6 0.0 295.2

98 64.9 0.0 129.2



#28

Bromochloromethane

Concen: 56.116 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

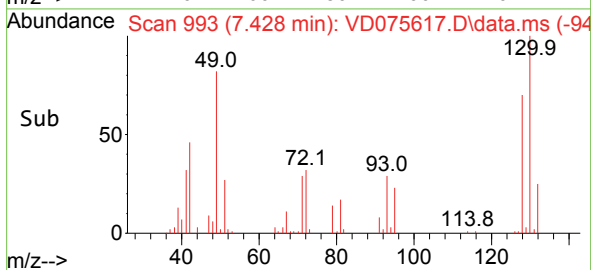
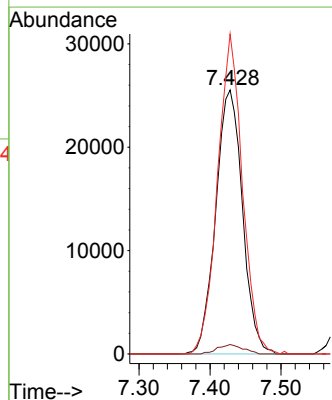
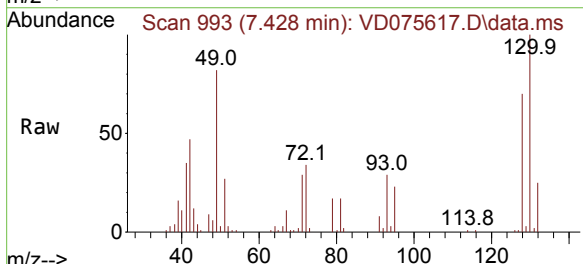
Tgt Ion: 49 Resp: 66674

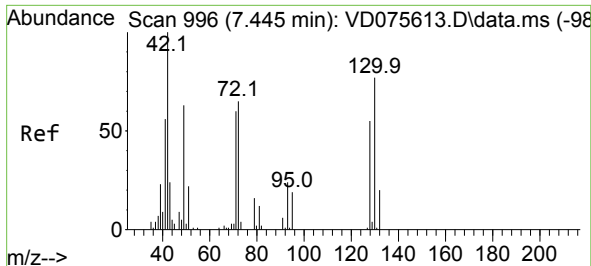
Ion Ratio Lower Upper

49 100

129 3.4 0.0 2.2#

130 112.7 56.0 84.0#





#29

Tetrahydrofuran

Concen: 305.095 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

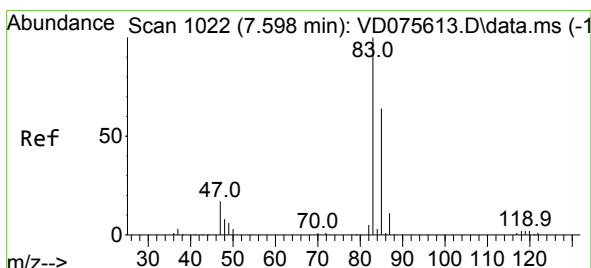
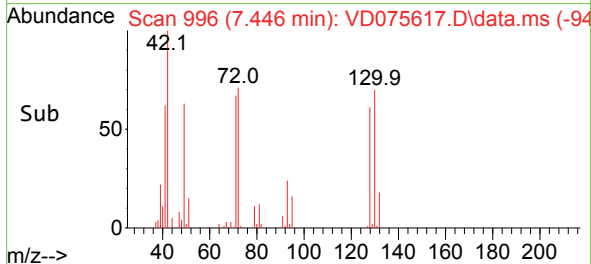
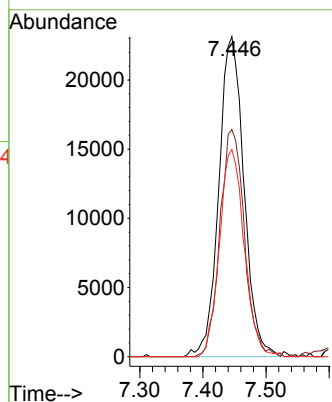
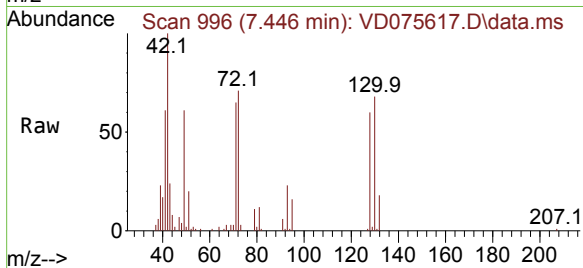
Tgt Ion: 42 Resp: 63754

Ion Ratio Lower Upper

42 100

72 69.1 31.8 47.6#

71 64.0 27.6 41.4#



#30

Chloroform

Concen: 55.177 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075617.D

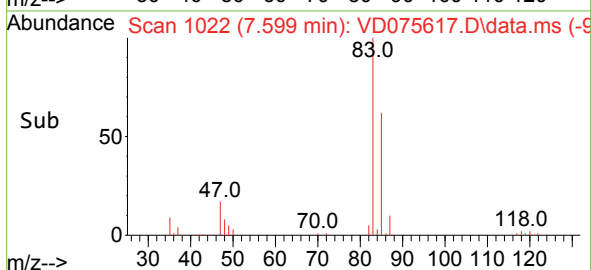
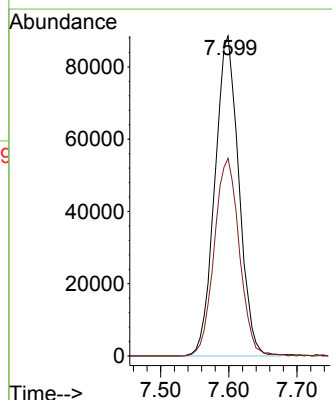
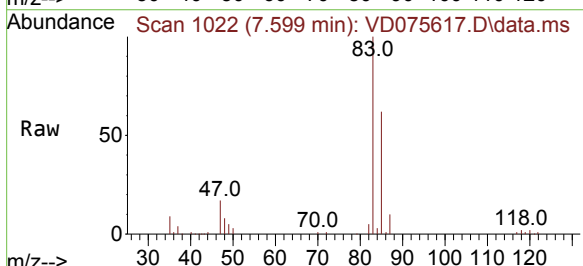
Acq: 10 Apr 2023 20:20

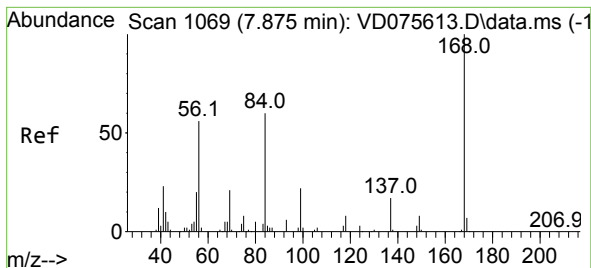
Tgt Ion: 83 Resp: 216870

Ion Ratio Lower Upper

83 100

85 61.8 49.4 74.2





#31

Cyclohexane

Concen: 49.026 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

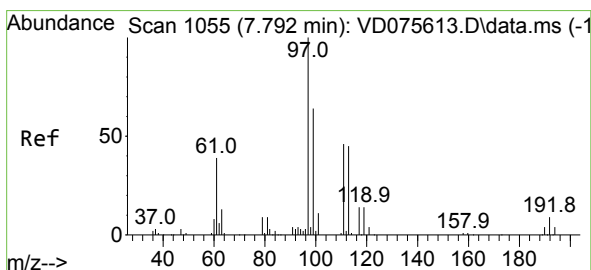
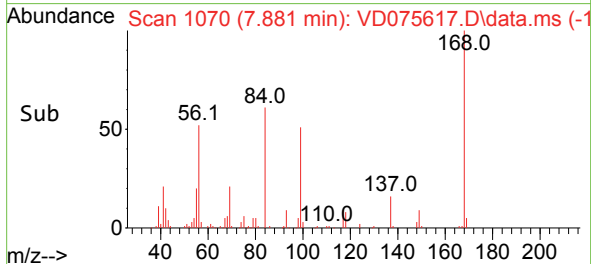
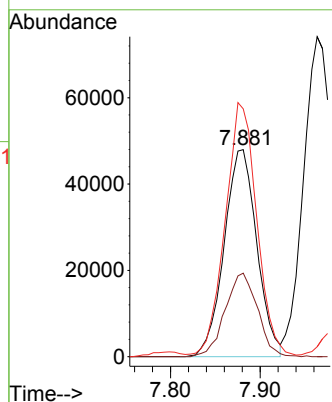
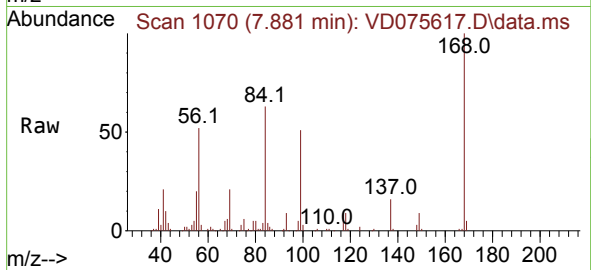
Tgt Ion: 56 Resp: 121288

Ion Ratio Lower Upper

56 100

69 40.3 25.5 38.3#

84 118.2 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 53.812 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

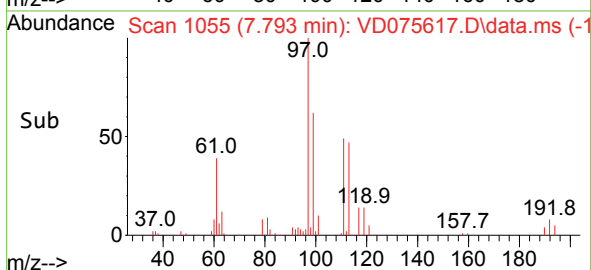
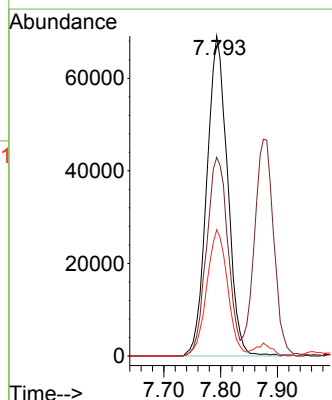
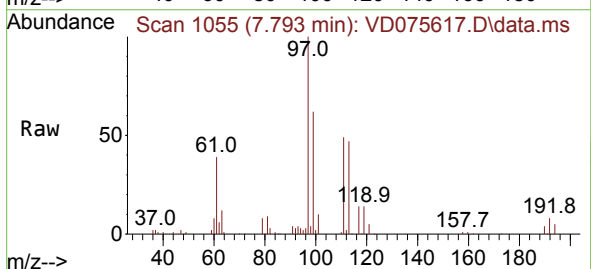
Tgt Ion: 97 Resp: 175073

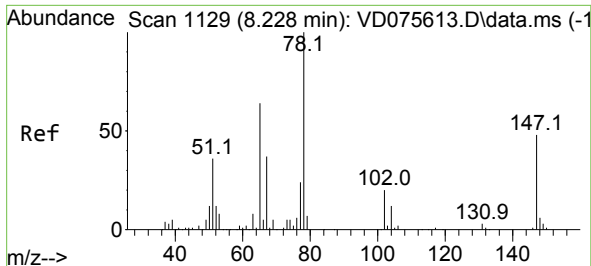
Ion Ratio Lower Upper

97 100

99 63.7 50.5 75.7

61 39.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 53.965 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

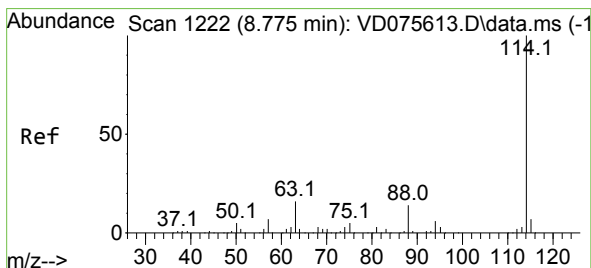
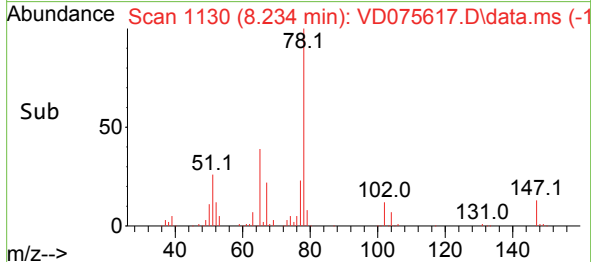
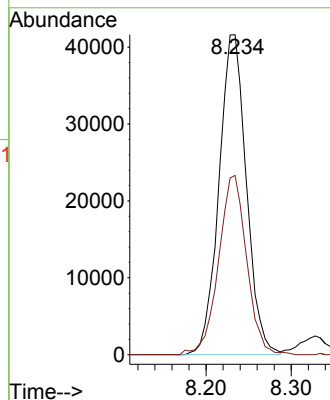
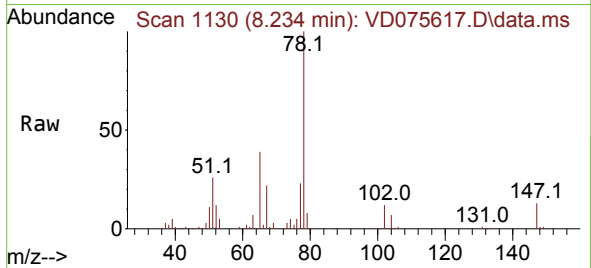
ICVVD041023

Tgt Ion: 65 Resp: 92802

Ion Ratio Lower Upper

65 100

67 57.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

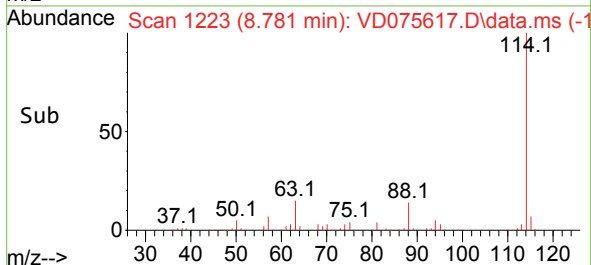
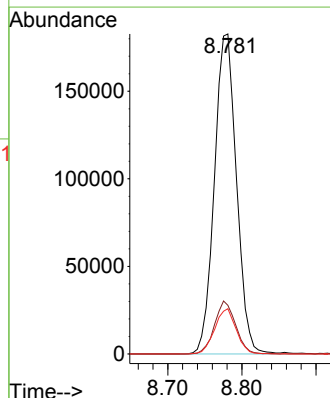
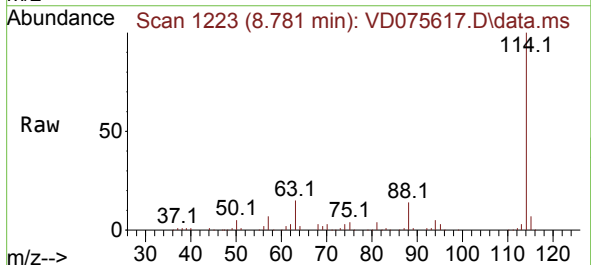
Tgt Ion: 114 Resp: 377933

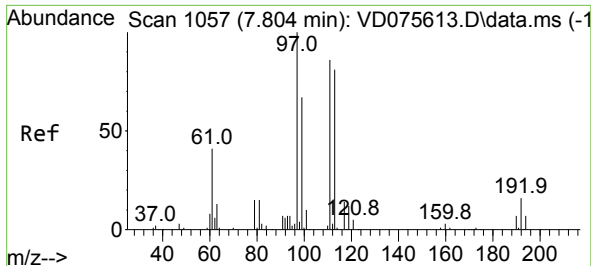
Ion Ratio Lower Upper

114 100

63 15.2 0.0 41.6

88 14.1 0.0 30.6

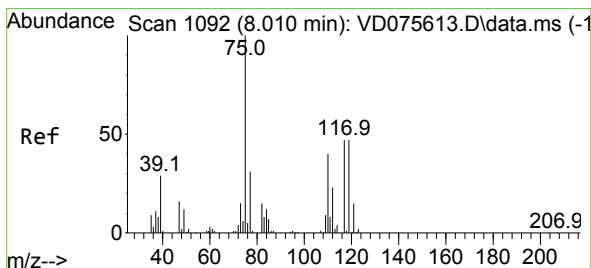
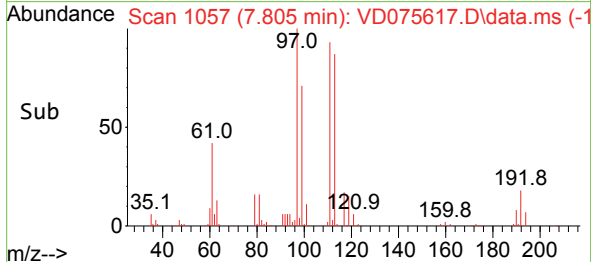
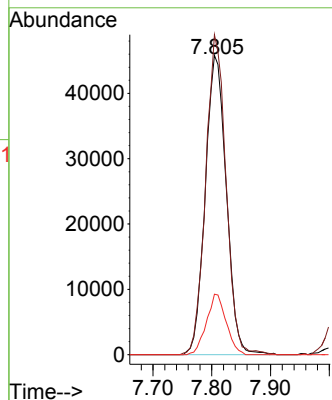
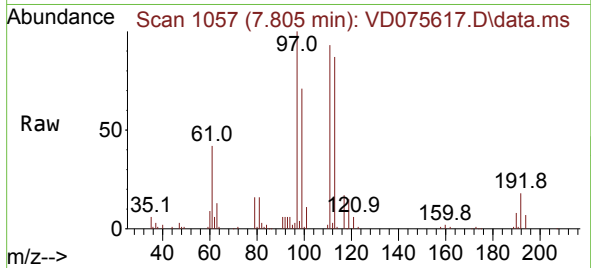




#35
Dibromofluoromethane
Concen: 53.993 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

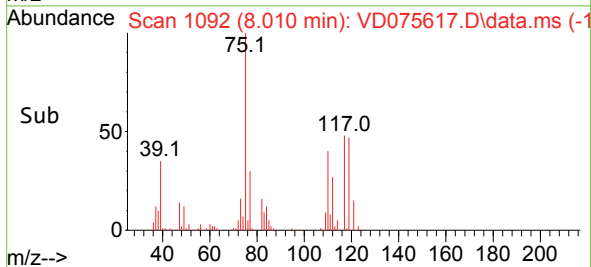
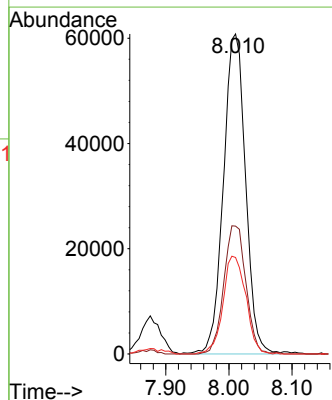
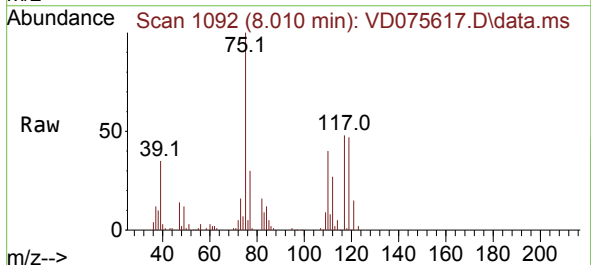
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

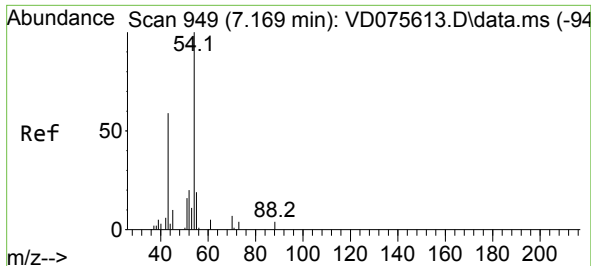
Tgt Ion:113 Resp: 113923
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 18.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 54.724 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 75 Resp: 148053
Ion Ratio Lower Upper
75 100
110 40.2 17.1 51.2
77 31.6 24.6 36.8

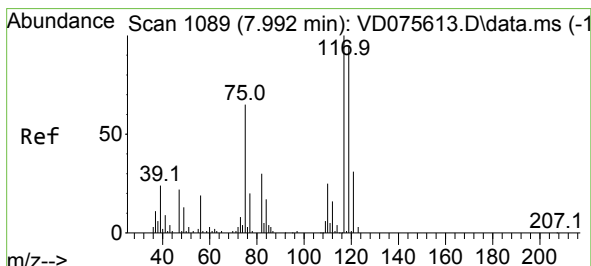
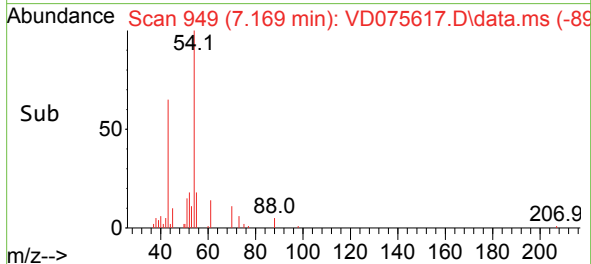
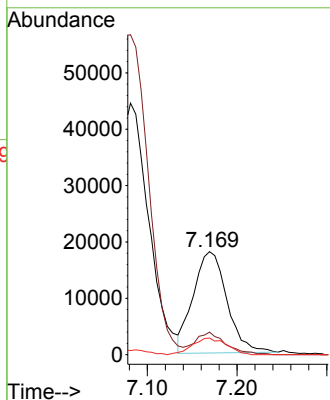
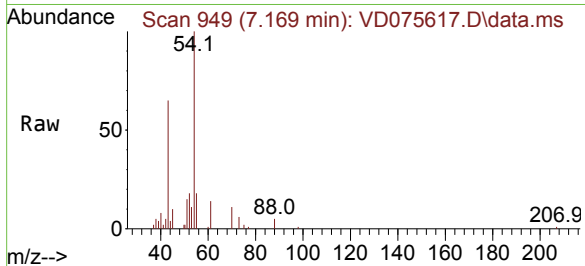




#37
Ethyl Acetate
Concen: 57.712 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

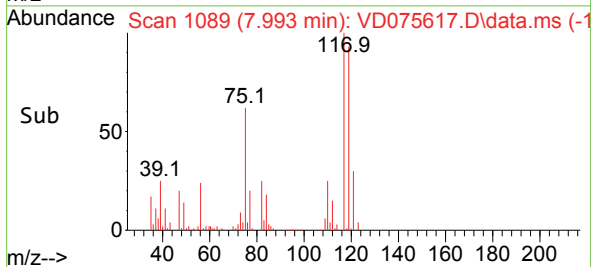
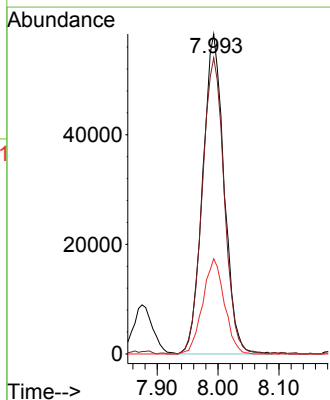
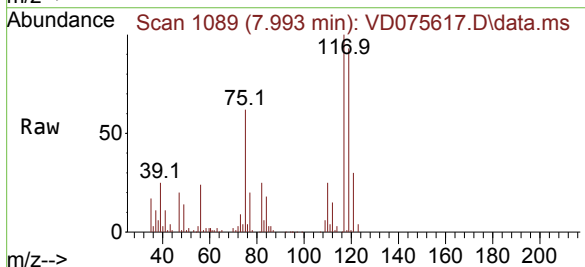
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

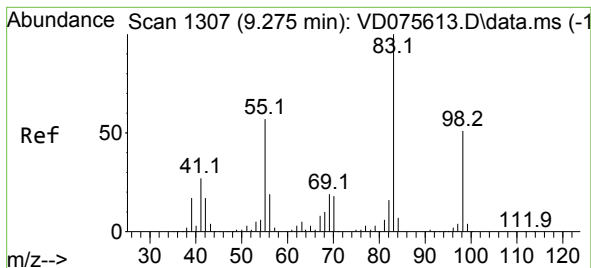
Tgt Ion: 43 Resp: 46857
Ion Ratio Lower Upper
43 100
61 20.2 0.0 0.0#
70 16.7 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 55.096 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 117 Resp: 142382
Ion Ratio Lower Upper
117 100
119 92.6 74.7 112.1
121 29.7 25.9 38.9





#39

Methylcyclohexane

Concen: 54.643 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

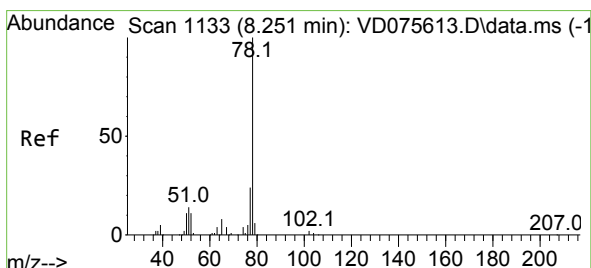
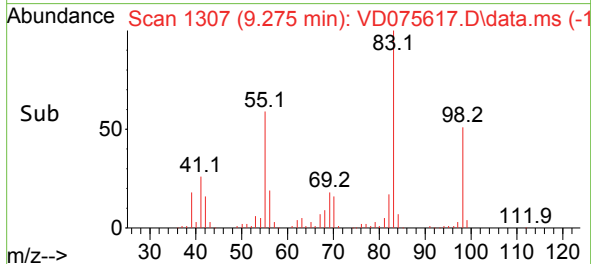
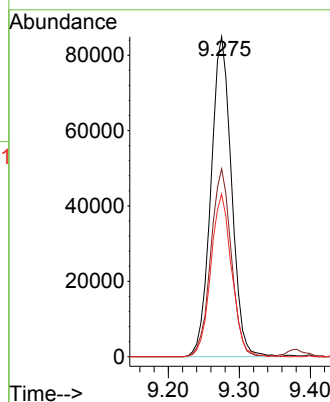
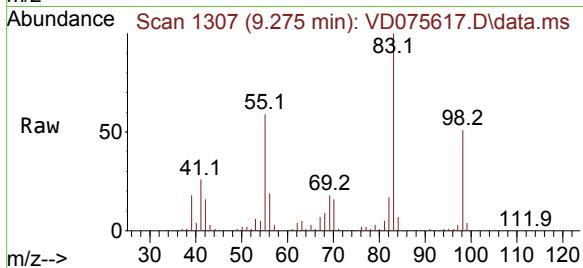
Tgt Ion: 83 Resp: 170902

Ion Ratio Lower Upper

83 100

55 58.7 56.8 85.2

98 50.8 38.9 58.3



#40

Benzene

Concen: 55.221 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075617.D

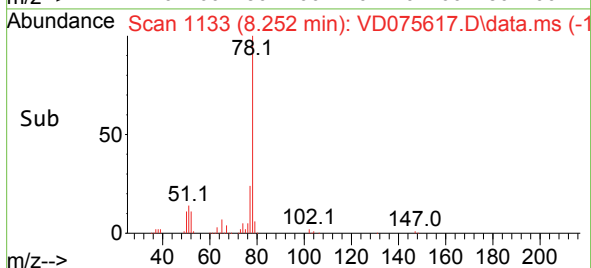
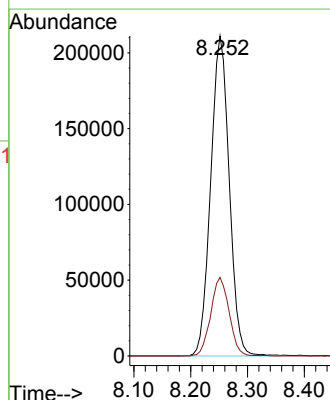
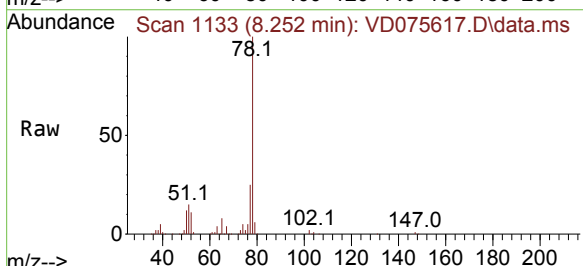
Acq: 10 Apr 2023 20:20

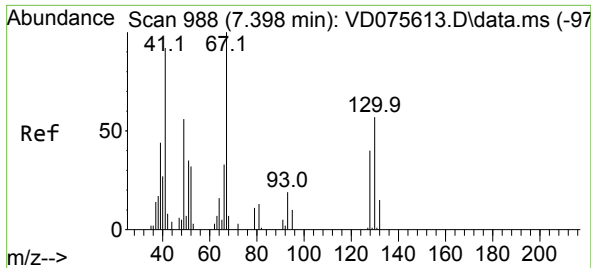
Tgt Ion: 78 Resp: 477161

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7

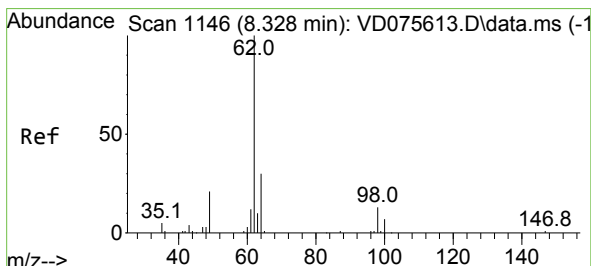
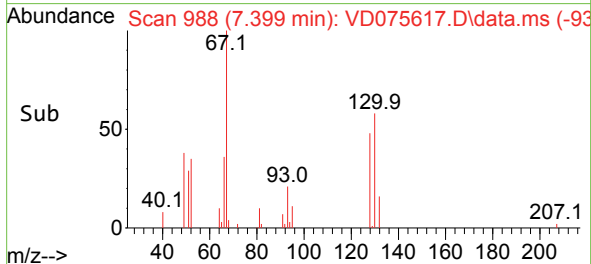
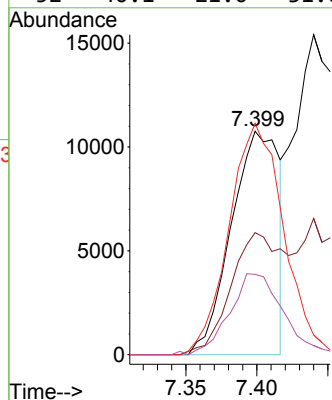
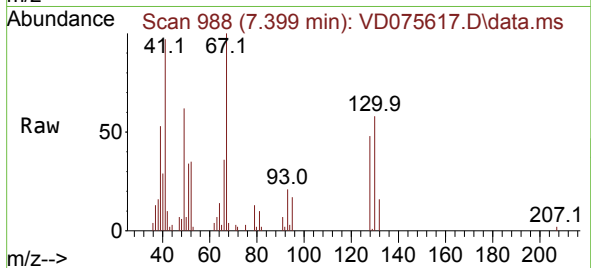




#41
Methacrylonitrile
Concen: 57.931 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

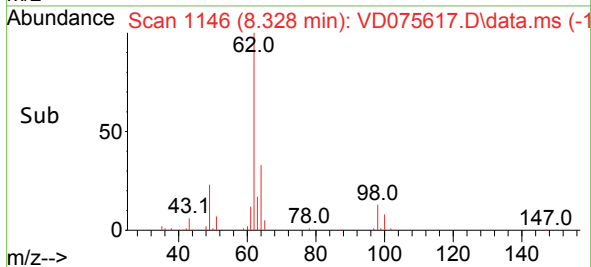
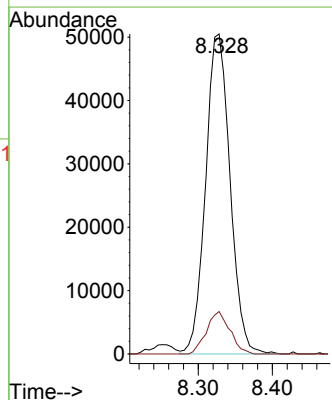
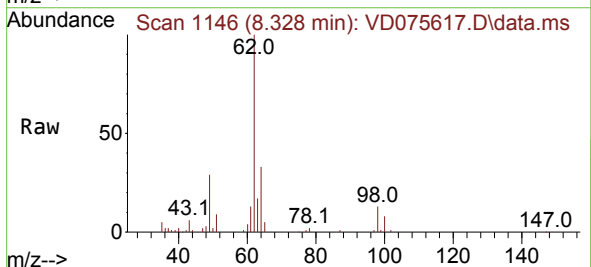
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

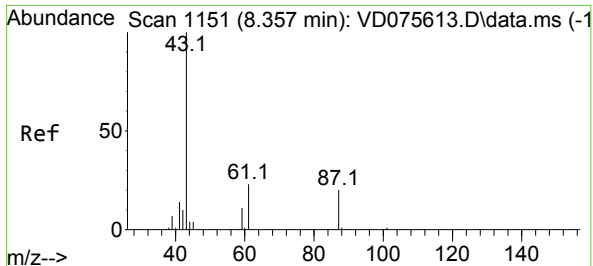
Tgt Ion: 41 Resp: 25257
Ion Ratio Lower Upper
41 100
39 60.6 45.3 67.9
67 118.2 50.5 75.7#
52 40.1 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 57.185 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 62 Resp: 115812
Ion Ratio Lower Upper
62 100
98 12.7 0.0 18.8

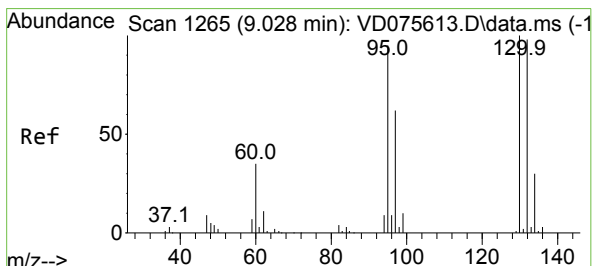
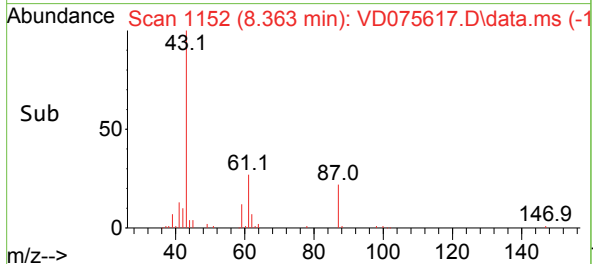
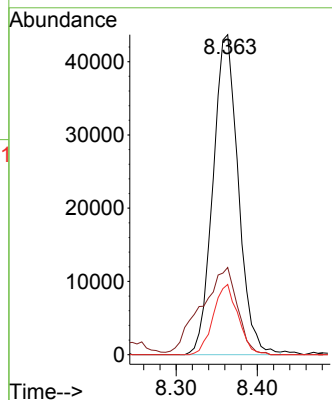
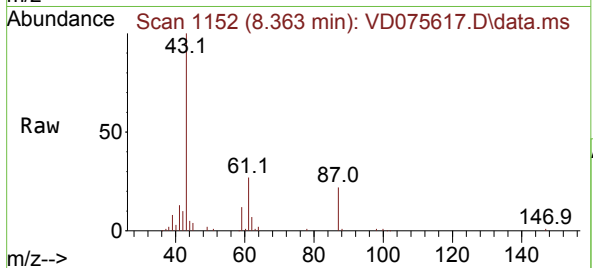




#43
Isopropyl Acetate
Concen: 61.833 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

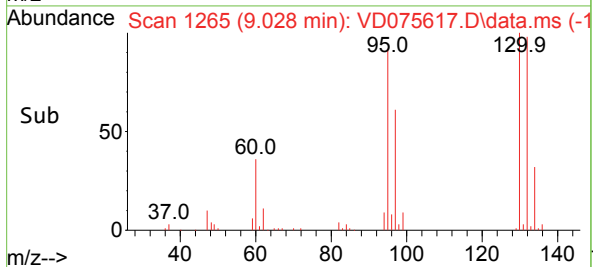
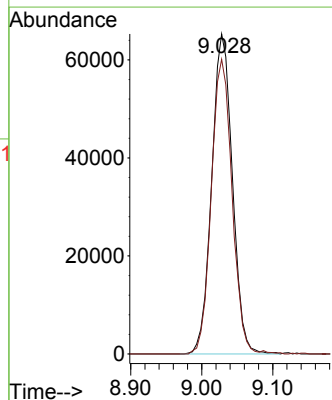
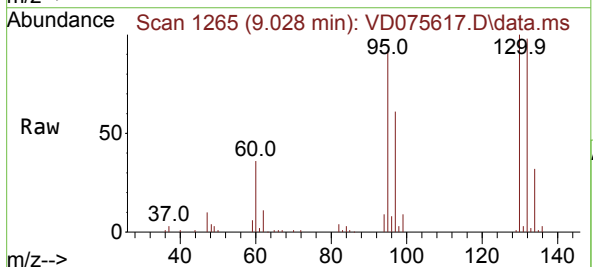
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

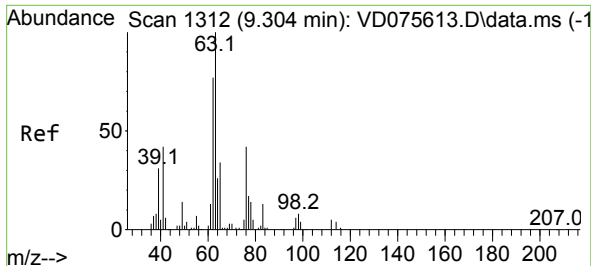
Tgt Ion: 43 Resp: 94644
Ion Ratio Lower Upper
43 100
61 39.2 23.4 35.0#
87 21.5 9.5 14.3#



#44
Trichloroethene
Concen: 53.491 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:130 Resp: 131983
Ion Ratio Lower Upper
130 100
95 92.1 0.0 197.6





#45

1,2-Dichloropropane

Concen: 56.543 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

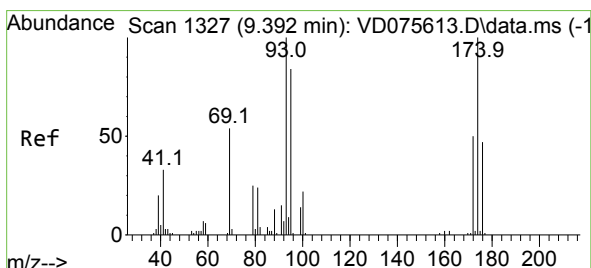
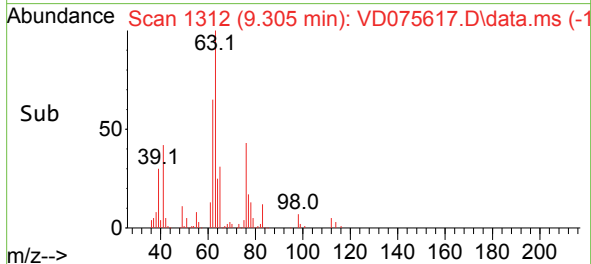
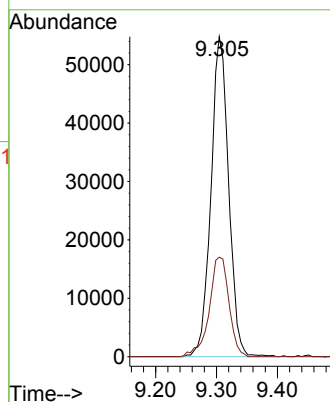
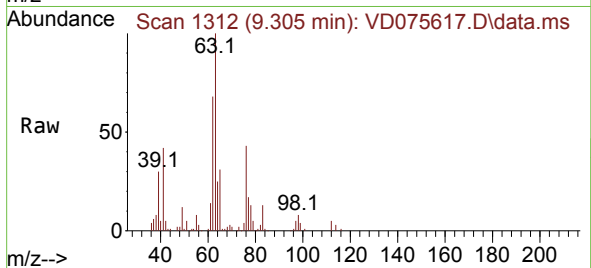
ICVVD041023

Tgt Ion: 63 Resp: 110665

Ion Ratio Lower Upper

63 100

65 31.1 23.0 34.4



#46

Dibromomethane

Concen: 57.512 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

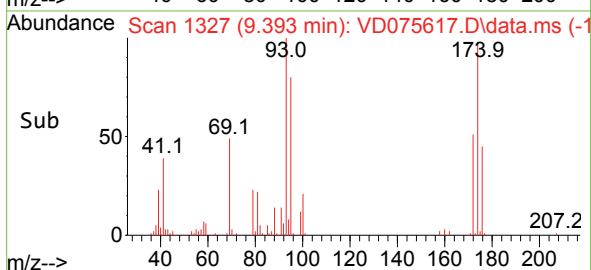
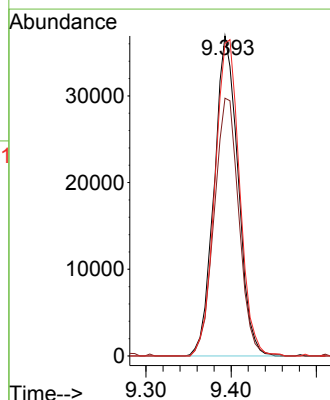
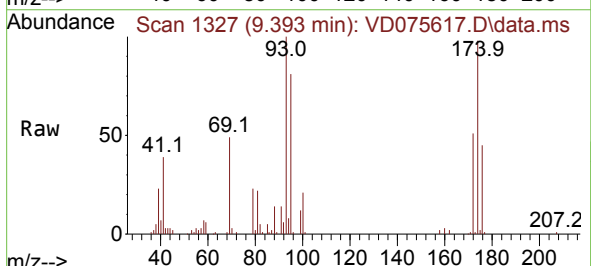
Tgt Ion: 93 Resp: 71961

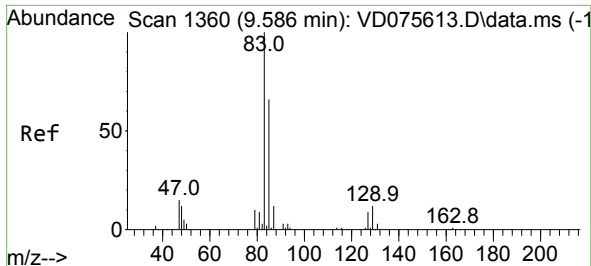
Ion Ratio Lower Upper

93 100

95 83.3 64.5 96.7

174 101.9 76.2 114.4

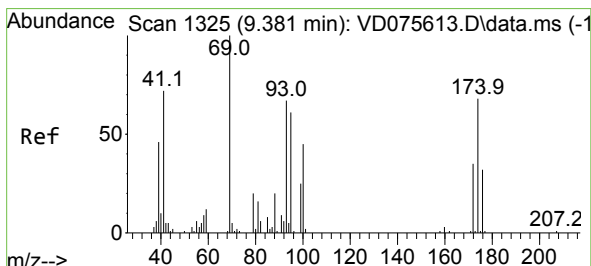
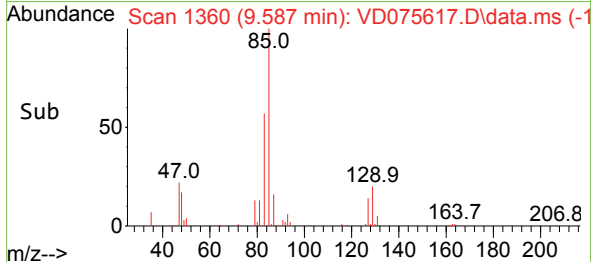
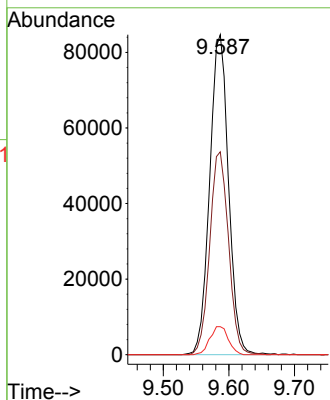
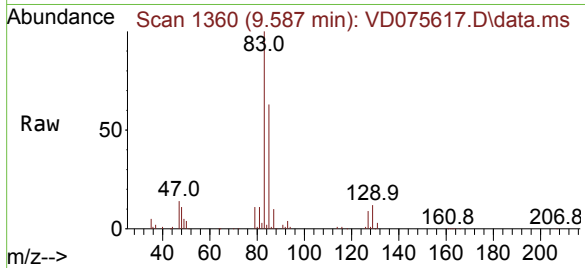




#47
Bromodichloromethane
Concen: 56.829 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

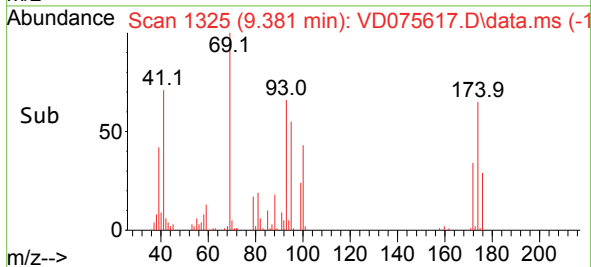
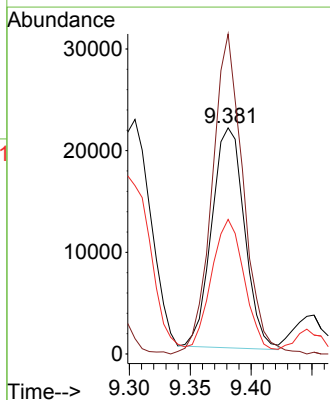
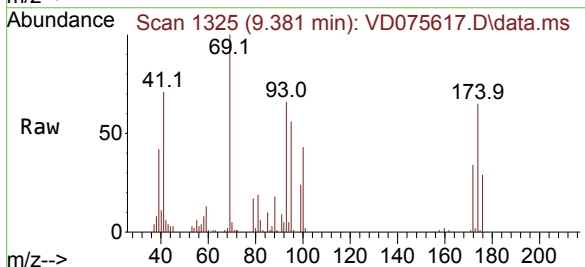
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

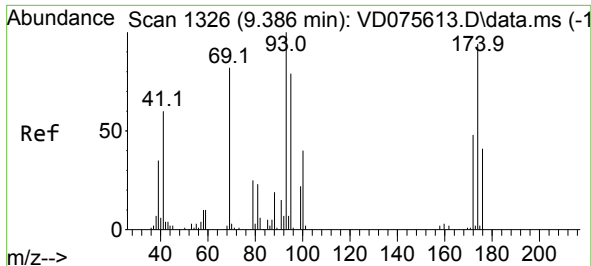
Tgt Ion: 83 Resp: 168737
Ion Ratio Lower Upper
83 100
85 63.4 53.7 80.5
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 60.372 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 41 Resp: 40497
Ion Ratio Lower Upper
41 100
69 138.5 58.6 88.0#
39 63.2 53.4 80.0





#49

1,4-Dioxane

Concen: 1165.141 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

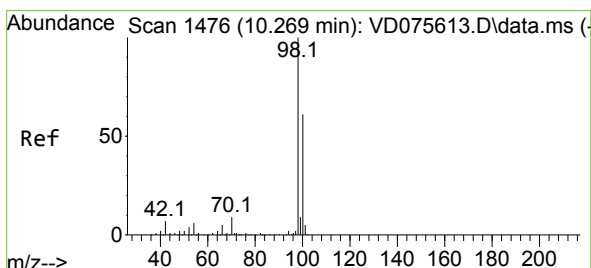
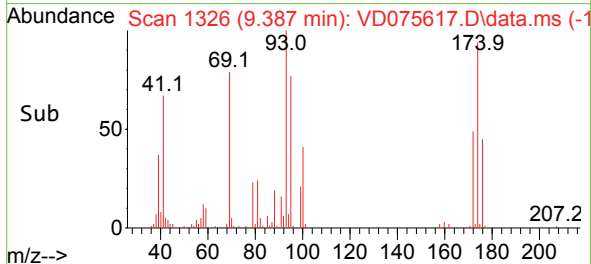
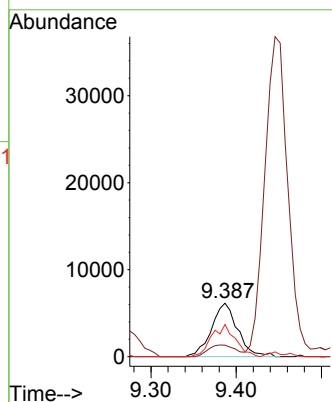
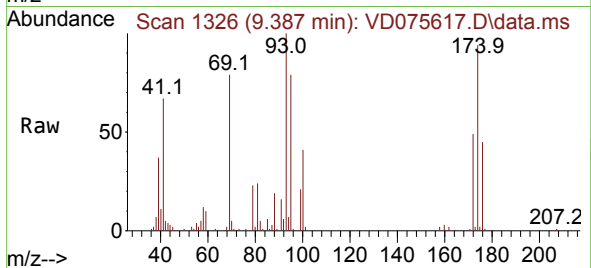
Tgt Ion: 88 Resp: 13131

Ion Ratio Lower Upper

88 100

43 23.4 34.6 51.8#

58 54.5 58.0 87.0#



#50

Toluene-d8

Concen: 54.253 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075617.D

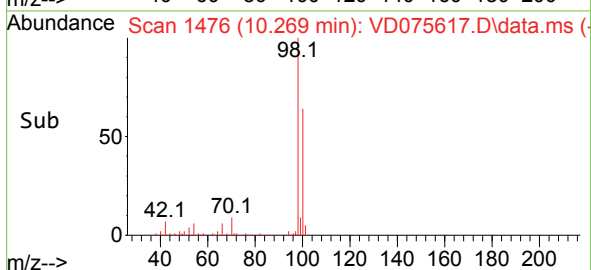
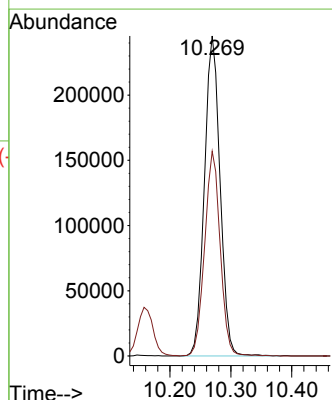
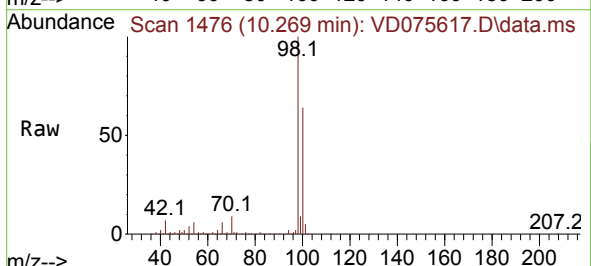
Acq: 10 Apr 2023 20:20

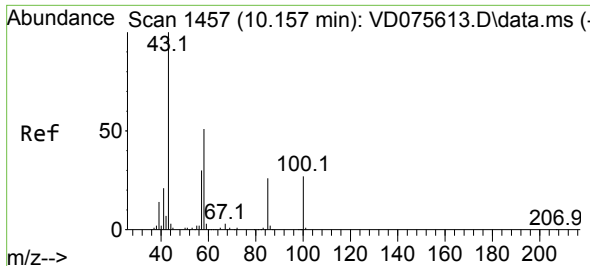
Tgt Ion: 98 Resp: 437001

Ion Ratio Lower Upper

98 100

100 63.6 52.1 78.1

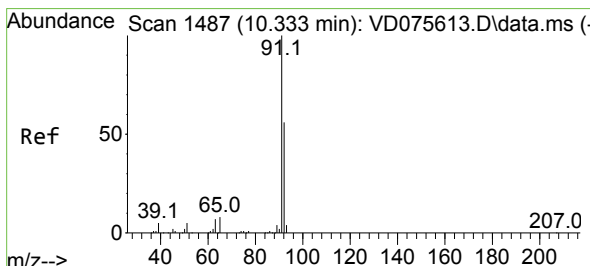
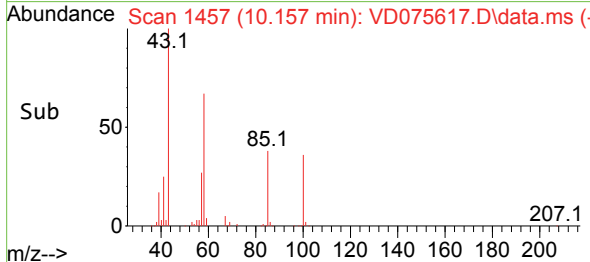
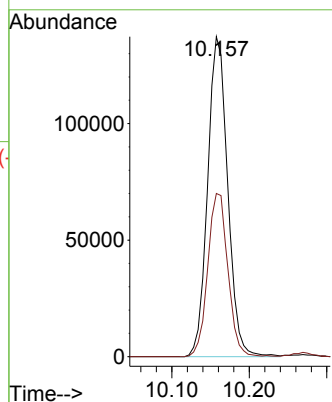
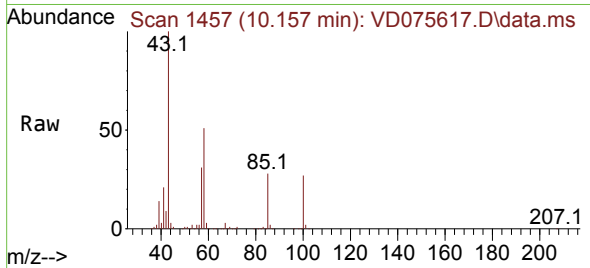




#51
4-Methyl-2-Pentanone
Concen: 310.764 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

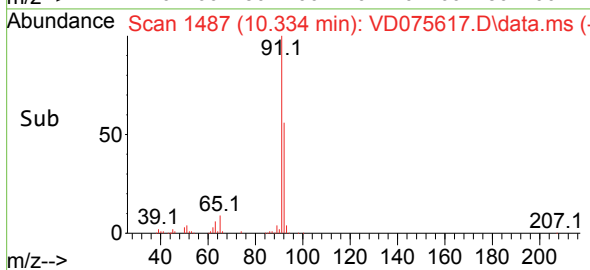
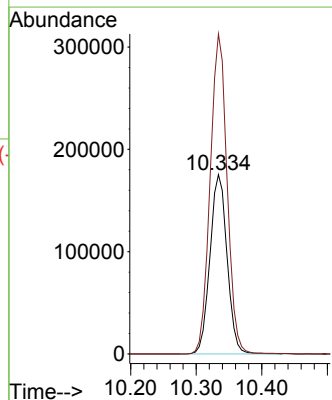
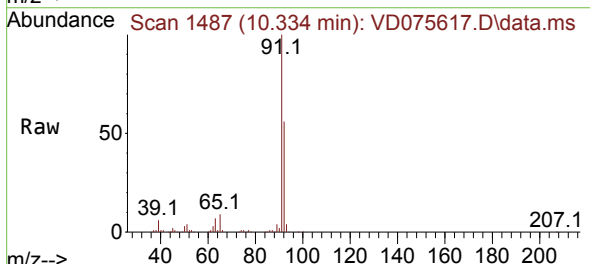
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

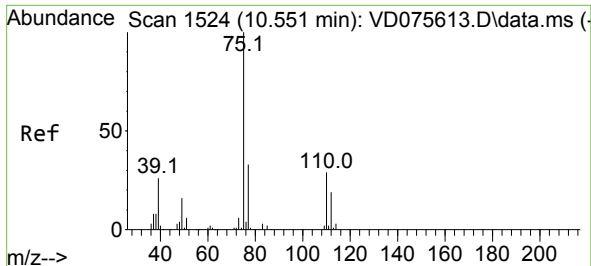
Tgt Ion: 43 Resp: 246914
Ion Ratio Lower Upper
43 100
58 51.3 29.5 44.3#



#52
Toluene
Concen: 56.985 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 92 Resp: 317475
Ion Ratio Lower Upper
92 100
91 176.7 136.5 204.7

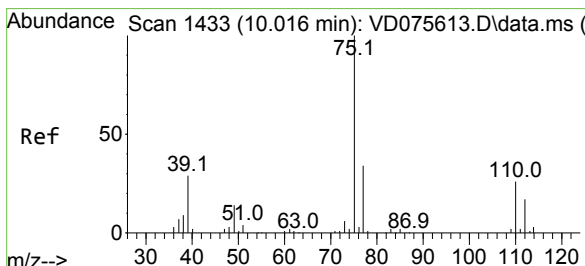
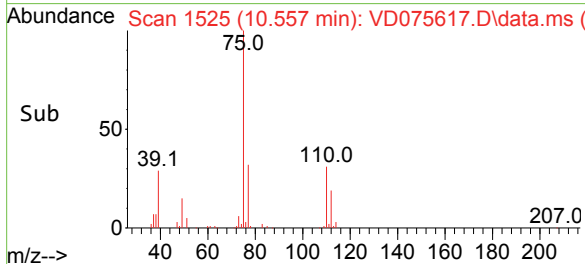
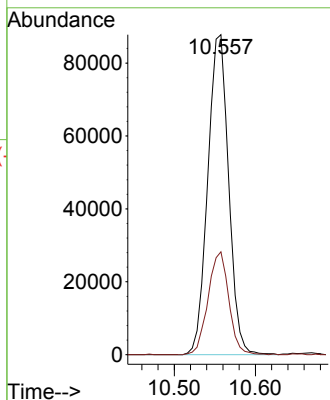
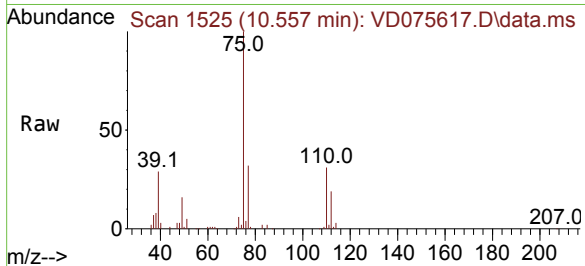




#53
 t-1,3-Dichloropropene
 Concen: 58.985 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

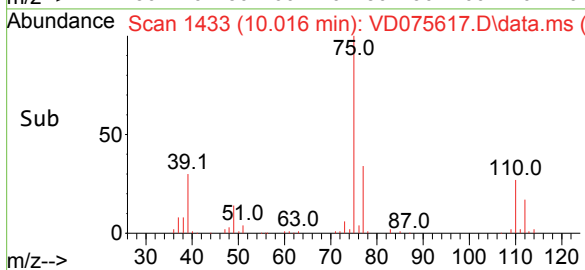
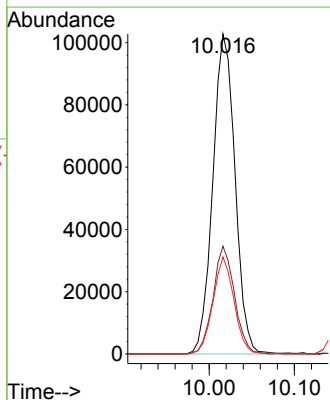
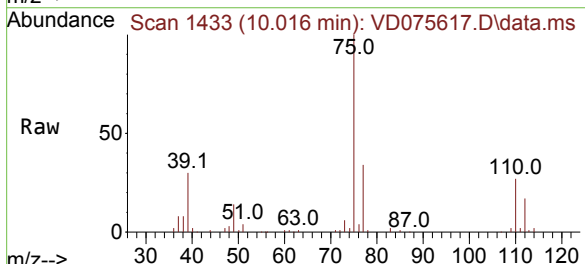
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041023

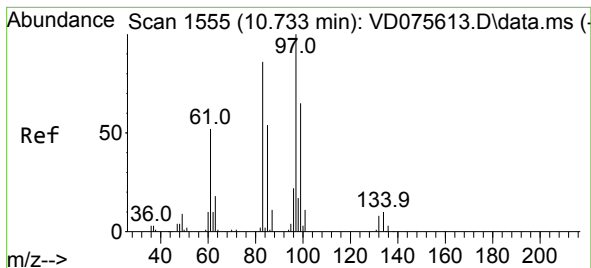
Tgt Ion: 75 Resp: 156694
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 57.374 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

Tgt Ion: 75 Resp: 186099
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.6 38.4
 39 30.3 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 58.188 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

Tgt Ion: 97 Resp: 104300

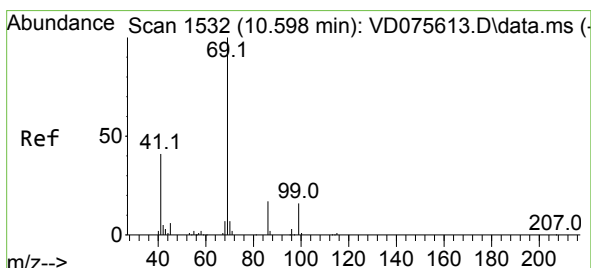
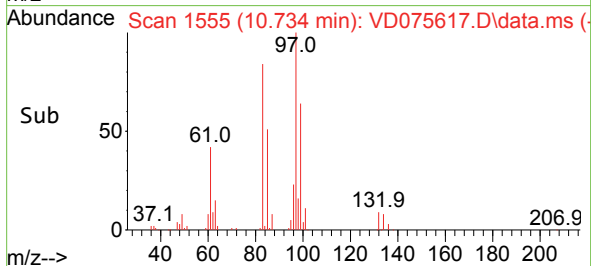
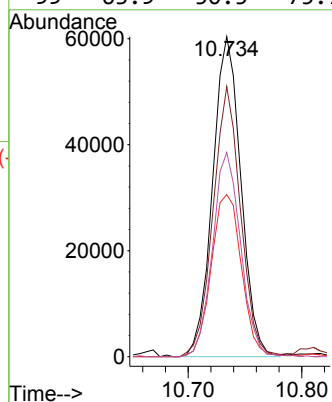
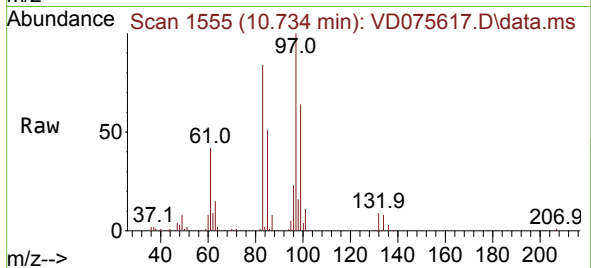
Ion Ratio Lower Upper

97 100

83 84.4 74.2 111.4

85 50.7 45.4 68.0

99 63.9 50.5 75.7



#56

Ethyl methacrylate

Concen: 62.176 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

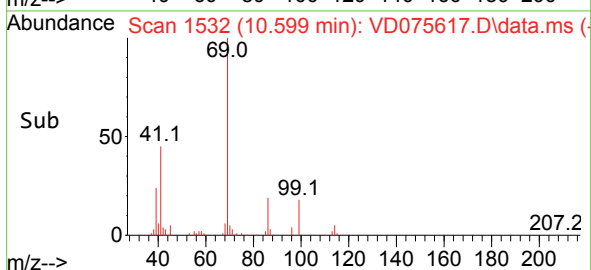
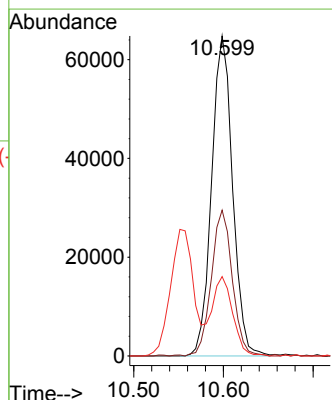
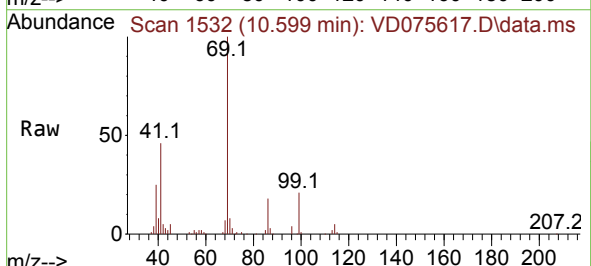
Tgt Ion: 69 Resp: 105293

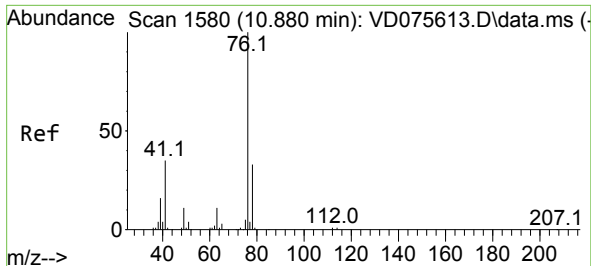
Ion Ratio Lower Upper

69 100

41 45.7 59.3 88.9#

39 25.5 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 58.749 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

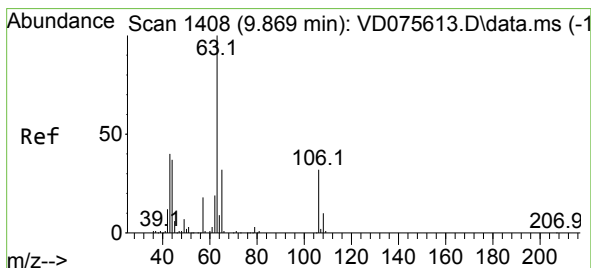
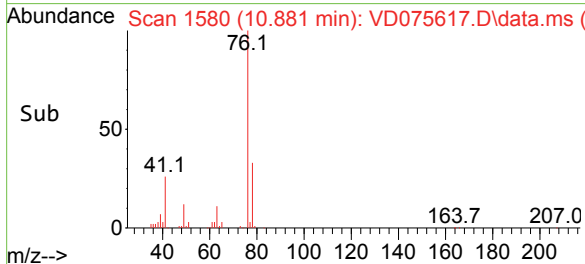
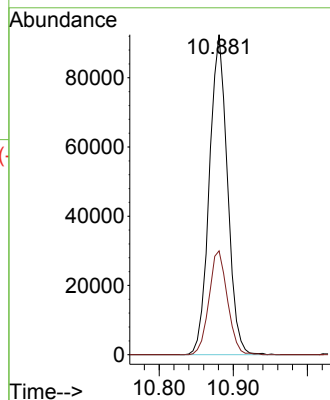
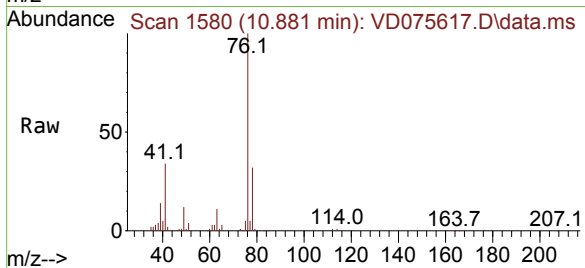
ICVVD041023

Tgt Ion: 76 Resp: 156353

Ion Ratio Lower Upper

76 100

78 33.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 309.571 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075617.D

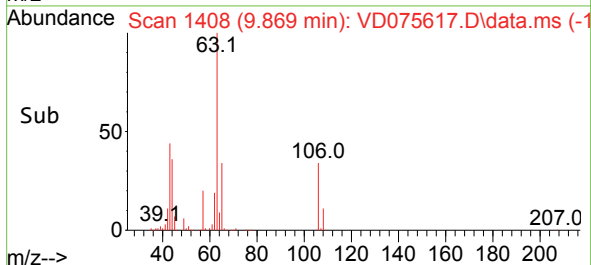
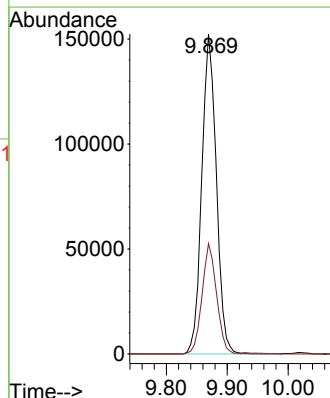
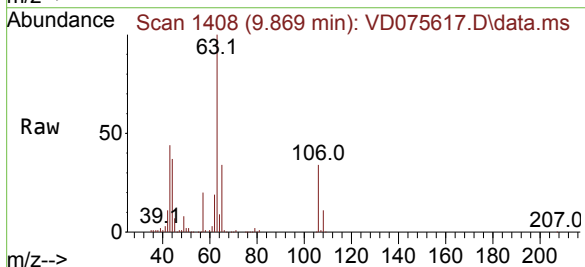
Acq: 10 Apr 2023 20:20

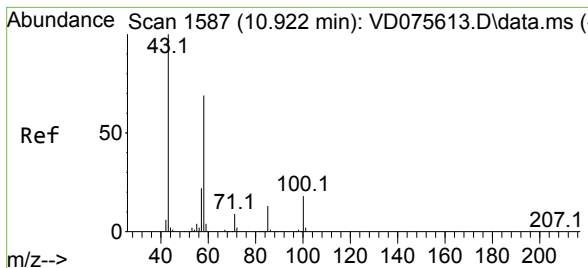
Tgt Ion: 63 Resp: 253251

Ion Ratio Lower Upper

63 100

106 34.3 21.4 32.2#

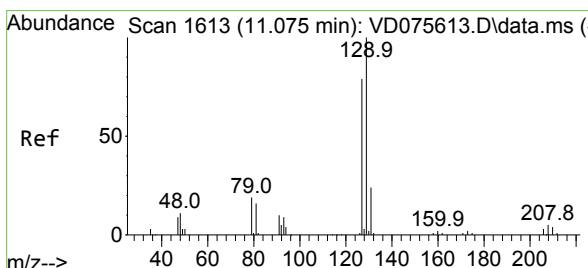
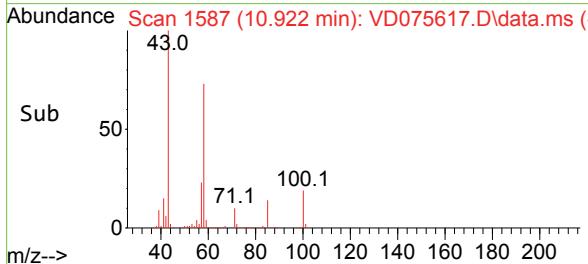
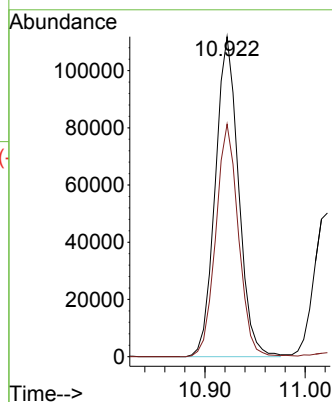
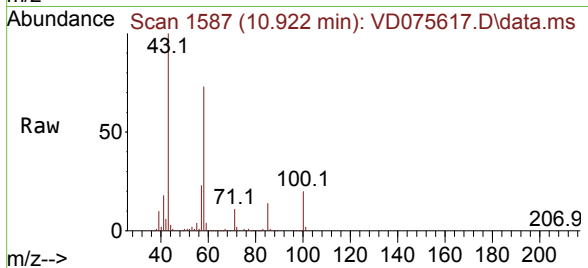




#59
2-Hexanone
Concen: 321.247 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

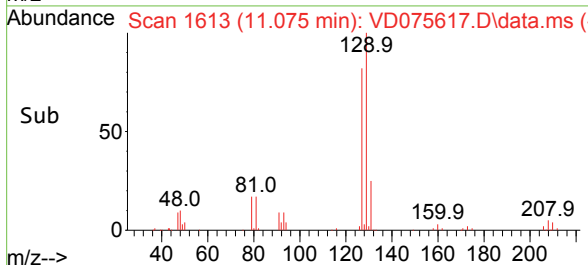
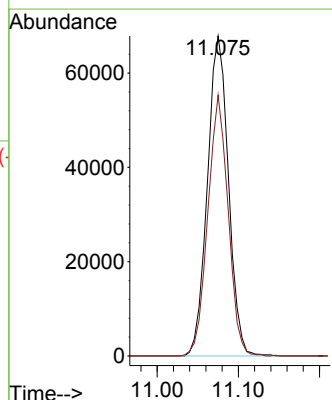
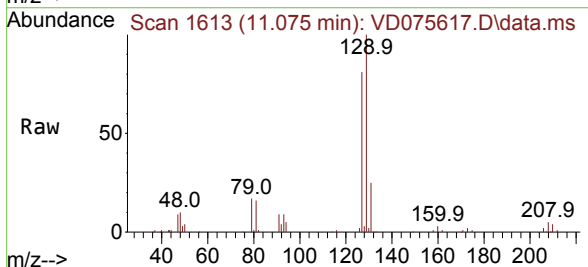
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

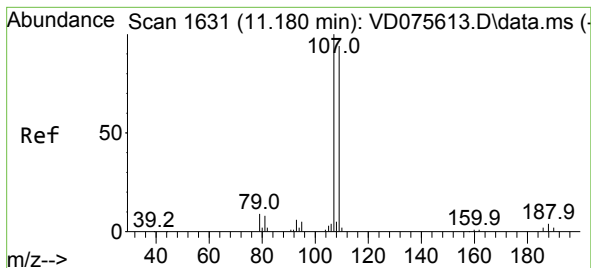
Tgt Ion: 43 Resp: 180050
Ion Ratio Lower Upper
43 100
58 70.7 25.3 75.8



#60
Dibromochloromethane
Concen: 57.263 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 129 Resp: 122203
Ion Ratio Lower Upper
129 100
127 78.6 38.1 114.5





#61

1,2-Dibromoethane

Concen: 57.301 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

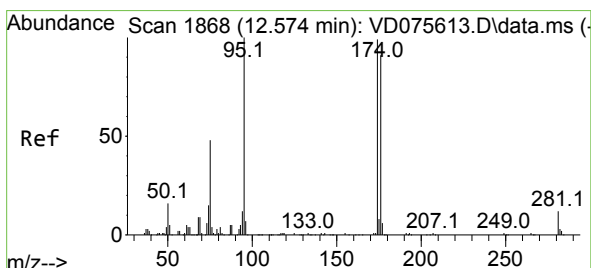
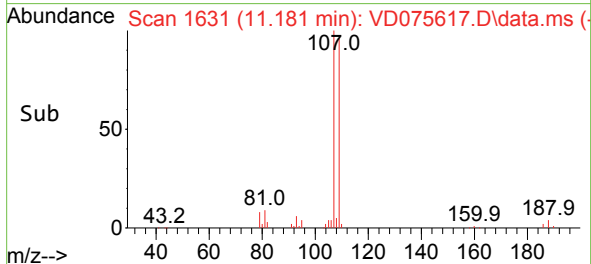
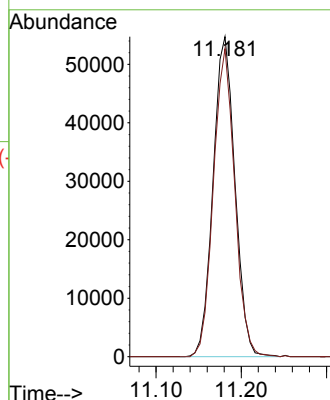
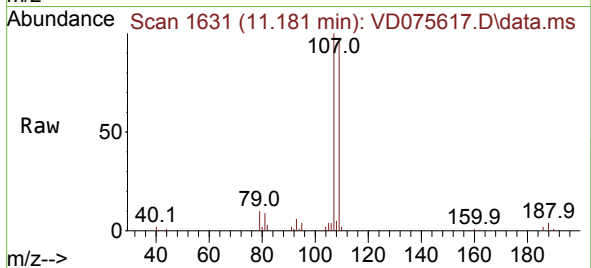
ICVVD041023

Tgt Ion:107 Resp: 97644

Ion Ratio Lower Upper

107 100

109 93.7 73.6 110.4



#62

4-Bromofluorobenzene

Concen: 55.713 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

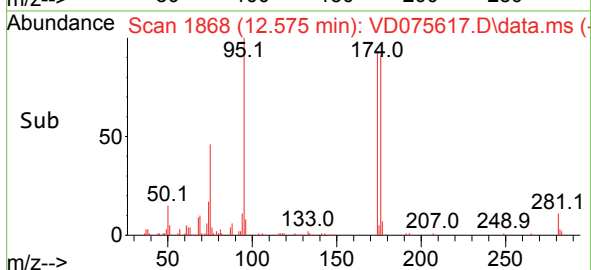
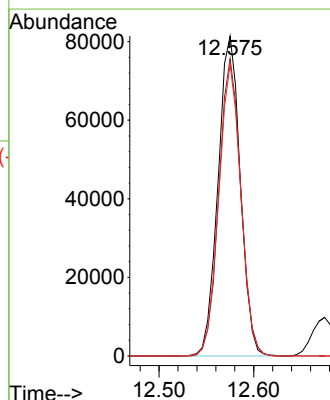
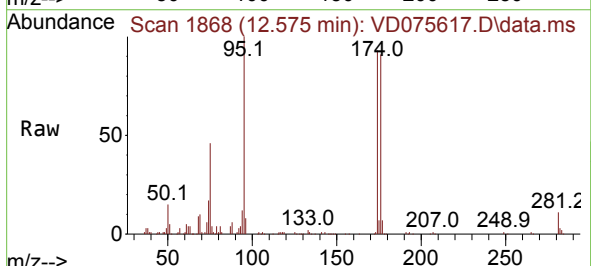
Tgt Ion: 95 Resp: 133026

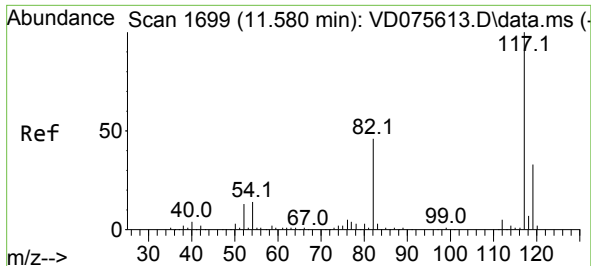
Ion Ratio Lower Upper

95 100

174 91.7 0.0 164.0

176 90.4 0.0 156.8

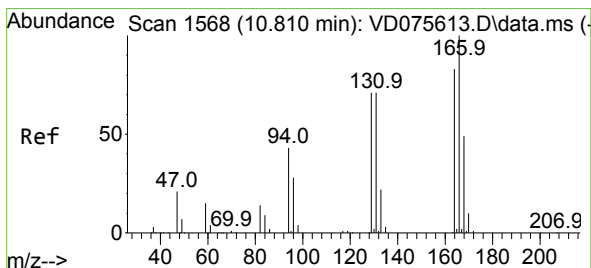
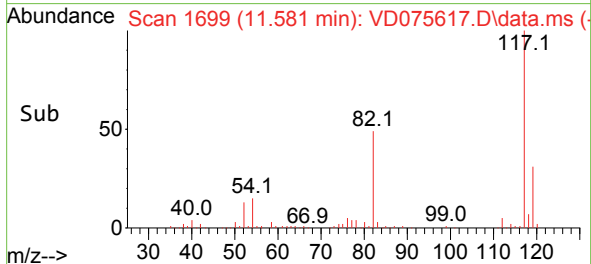
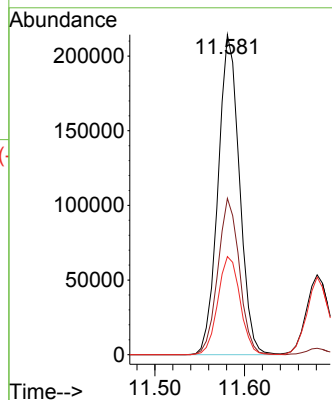
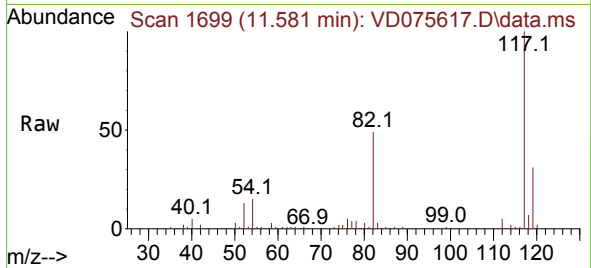




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

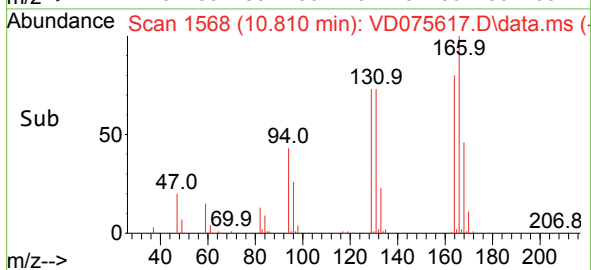
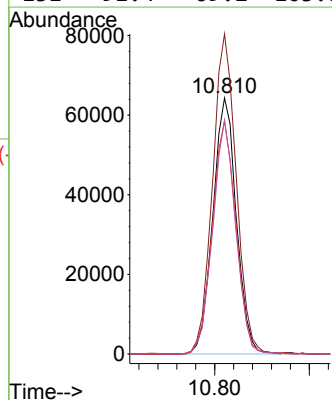
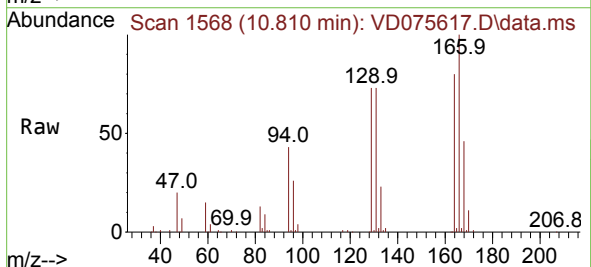
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

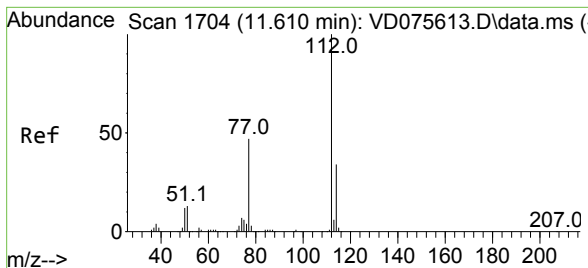
Tgt Ion:117 Resp: 355227
Ion Ratio Lower Upper
117 100
82 48.8 44.0 66.0
119 30.6 25.1 37.7



#64
Tetrachloroethene
Concen: 55.906 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:164 Resp: 110742
Ion Ratio Lower Upper
164 100
166 125.0 94.9 142.3
129 91.0 73.0 109.6
131 91.4 69.2 103.8

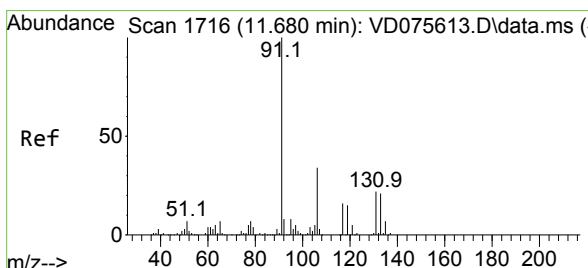
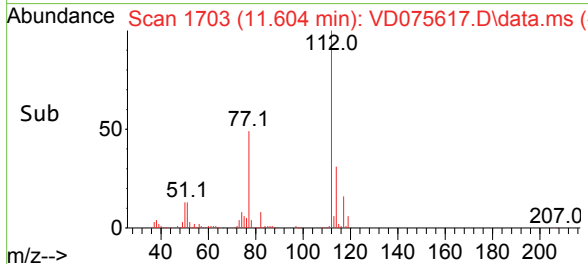
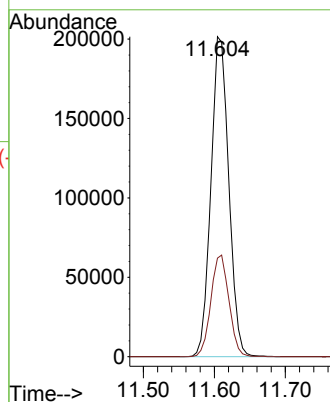
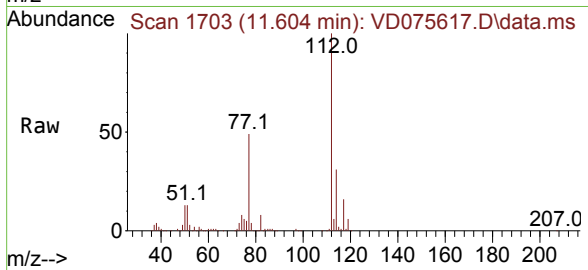




#65
Chlorobenzene
Concen: 55.525 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

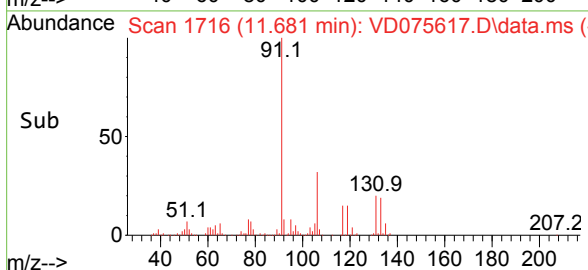
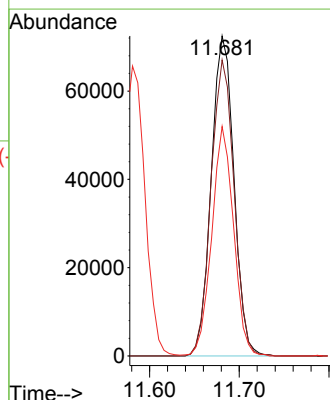
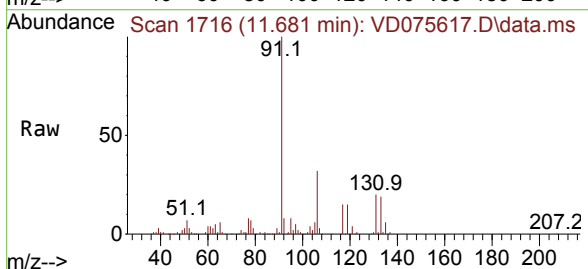
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

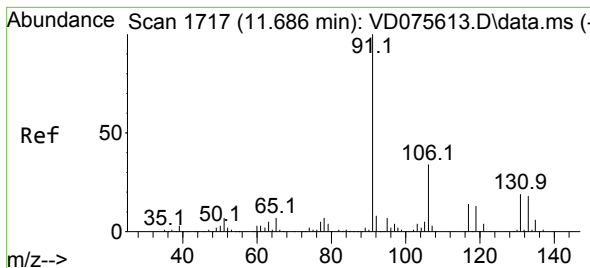
Tgt Ion:112 Resp: 351394
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 56.529 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:131 Resp: 127179
Ion Ratio Lower Upper
131 100
133 94.3 46.7 140.0
119 69.1 31.9 95.9





#67

Ethyl Benzene

Concen: 57.418 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

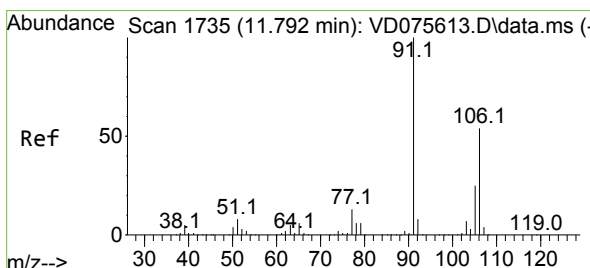
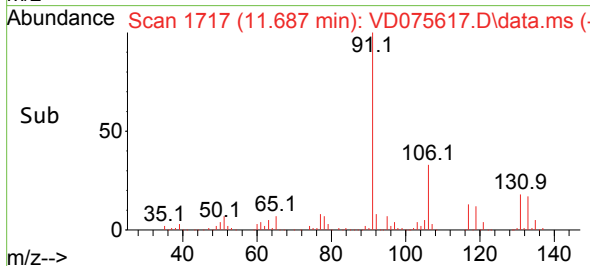
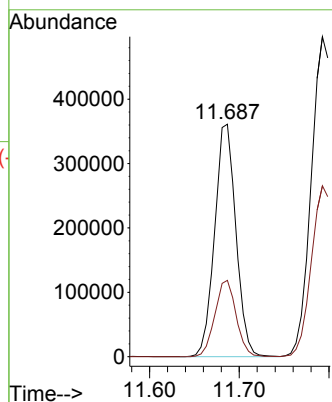
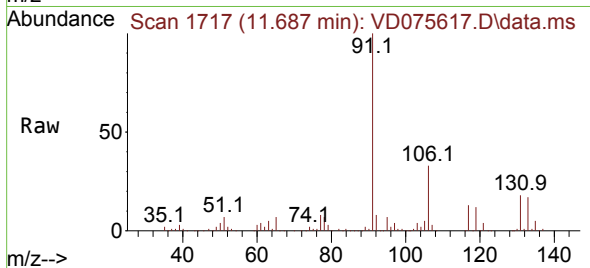
ICVVD041023

Tgt Ion: 91 Resp: 594730

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 117.189 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD075617.D

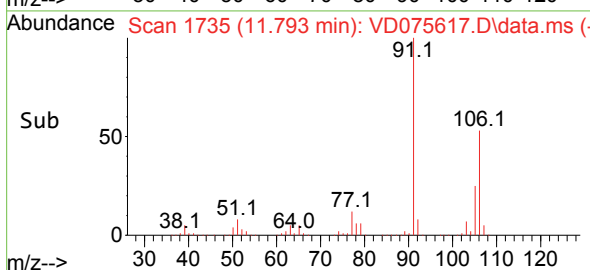
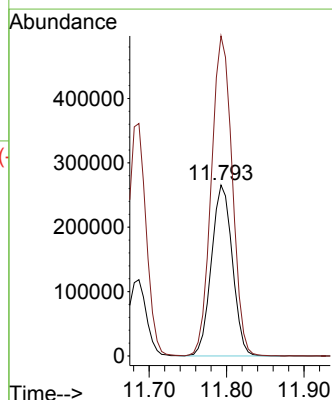
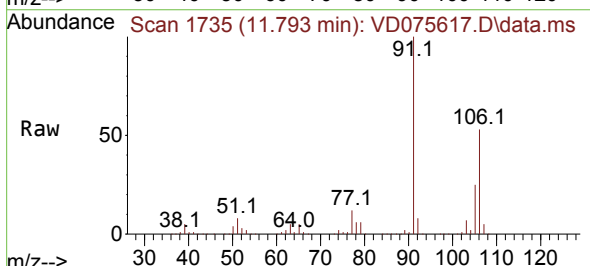
Acq: 10 Apr 2023 20:20

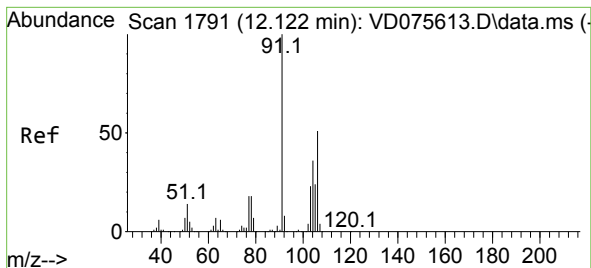
Tgt Ion: 106 Resp: 497716

Ion Ratio Lower Upper

106 100

91 187.2 161.5 242.3





#69

o-Xylene

Concen: 59.625 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

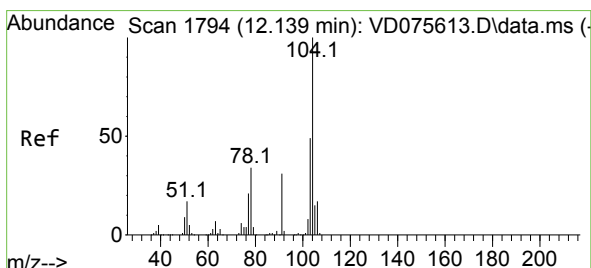
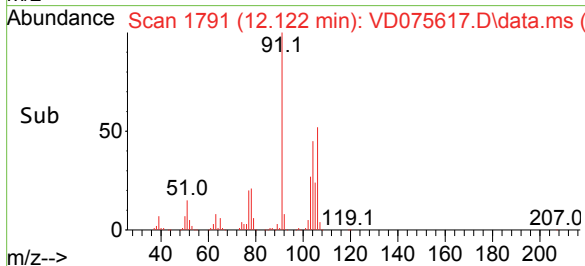
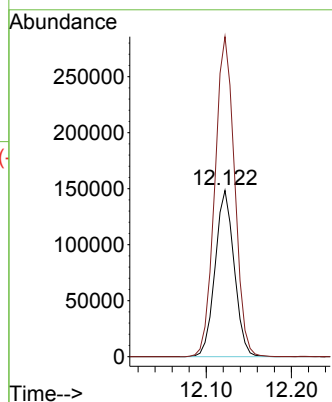
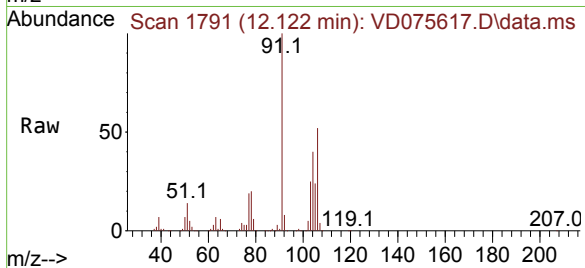
ICVVD041023

Tgt Ion:106 Resp: 231360

Ion Ratio Lower Upper

106 100

91 199.6 105.7 317.1



#70

Styrene

Concen: 61.746 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.005 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

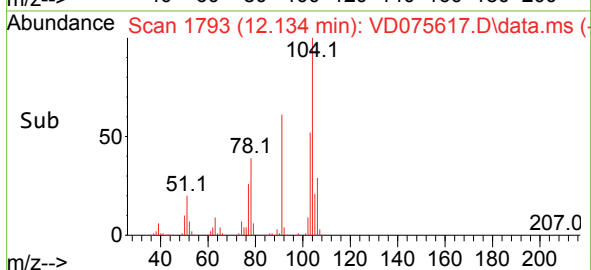
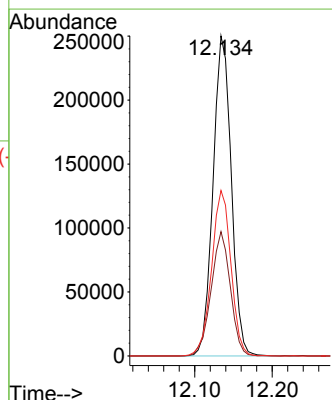
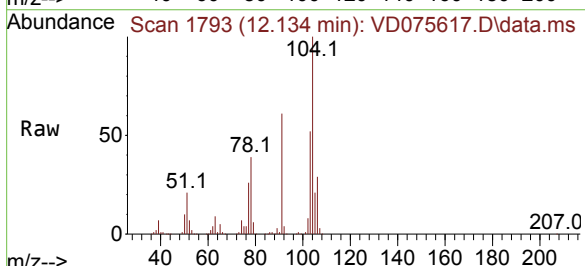
Tgt Ion:104 Resp: 409239

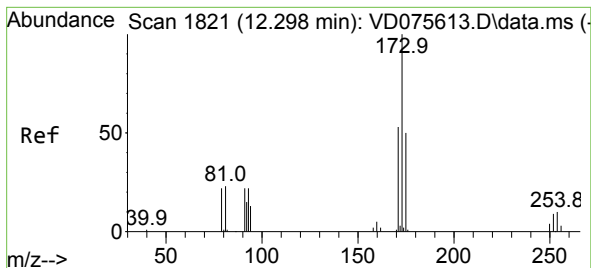
Ion Ratio Lower Upper

104 100

78 40.9 40.2 60.4

103 54.8 44.2 66.2





#71

Bromoform

Concen: 61.124 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

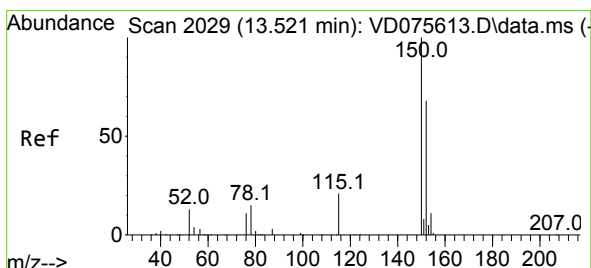
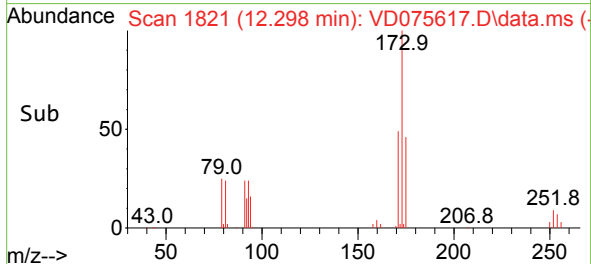
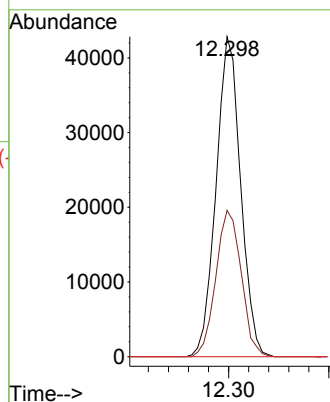
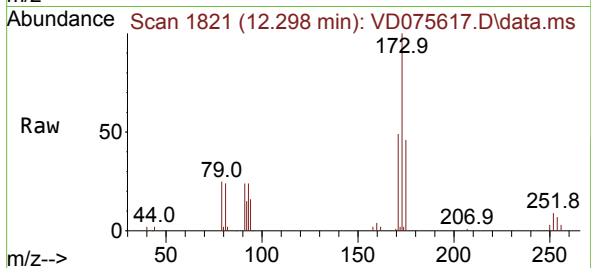
Tgt Ion:173 Resp: 72722

Ion Ratio Lower Upper

173 100

175 47.3 23.5 70.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.005 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

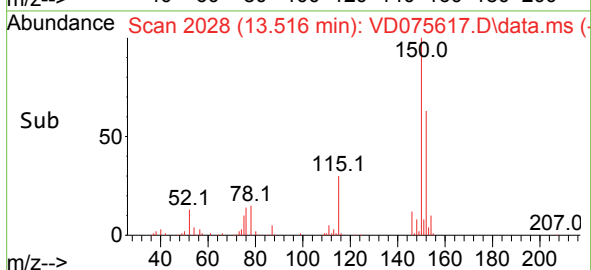
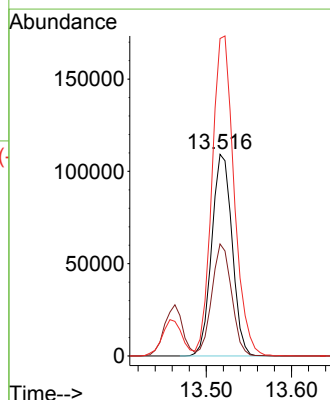
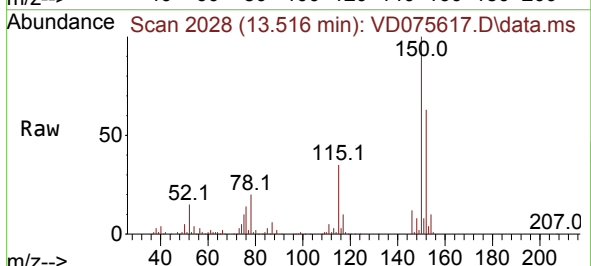
Tgt Ion:152 Resp: 181671

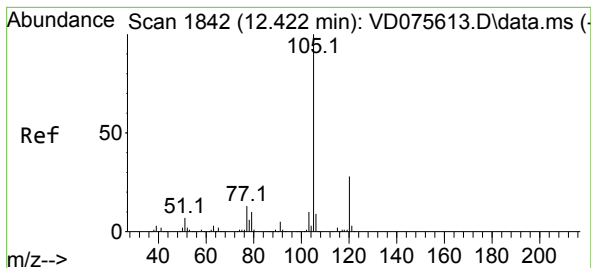
Ion Ratio Lower Upper

152 100

115 53.9 30.1 90.3

150 171.8 0.0 364.8





#73

Isopropylbenzene

Concen: 56.968 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

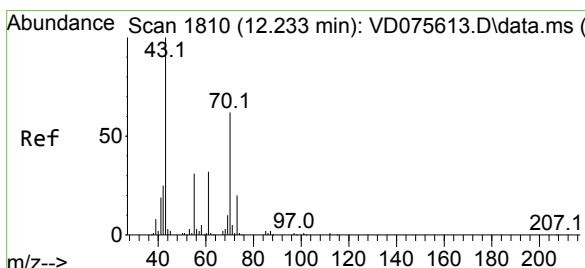
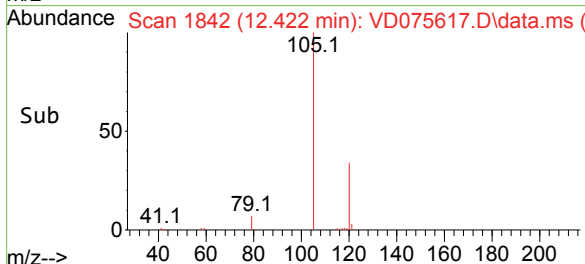
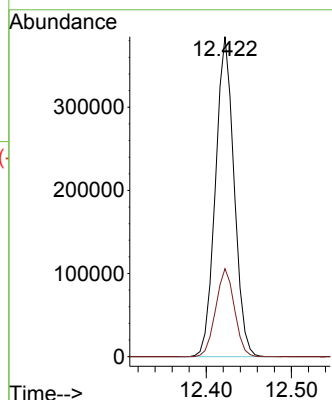
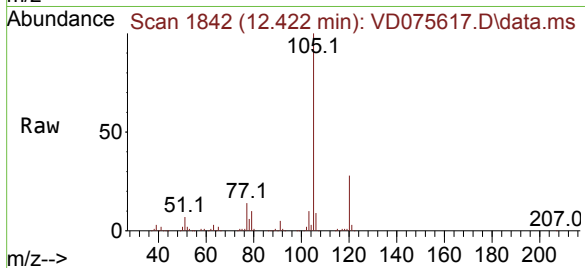
ICVVD041023

Tgt Ion:105 Resp: 584943

Ion Ratio Lower Upper

105 100

120 27.7 13.4 40.1



#74

N-ethyl acetate

Concen: 60.582 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Tgt Ion: 43 Resp: 87277

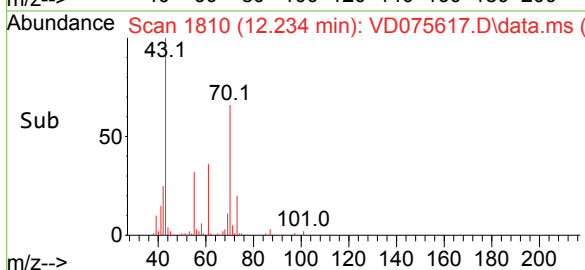
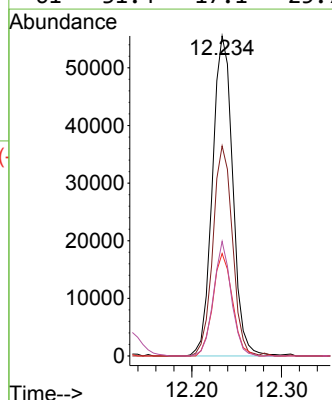
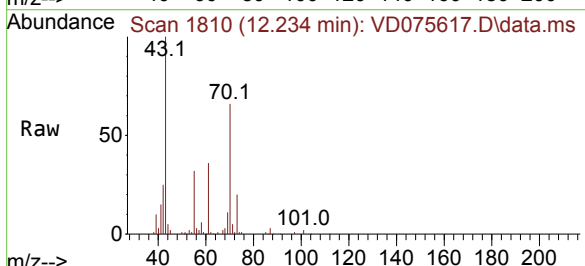
Ion Ratio Lower Upper

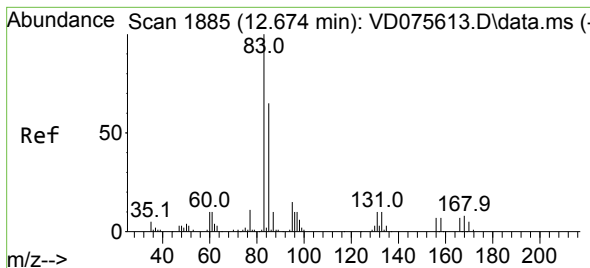
43 100

70 63.3 31.0 46.4#

55 30.7 18.6 28.0#

61 31.4 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 55.233 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

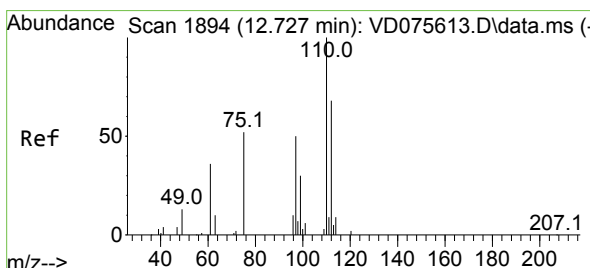
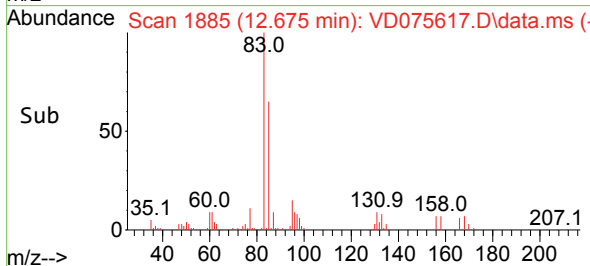
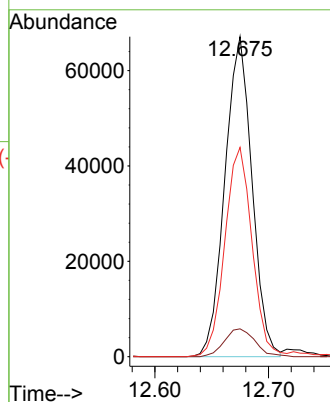
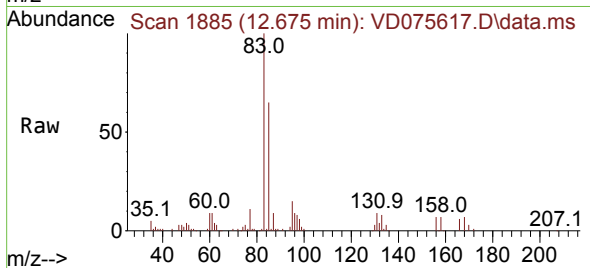
Tgt Ion: 83 Resp: 111403

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

85 65.6 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 94.704 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.005 min

Lab File: VD075617.D

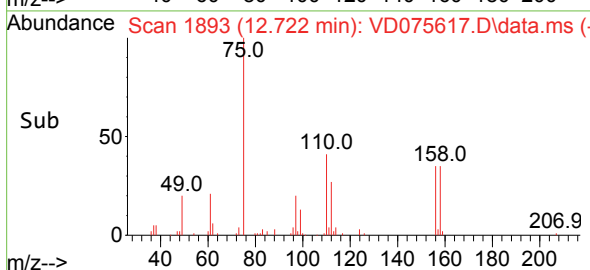
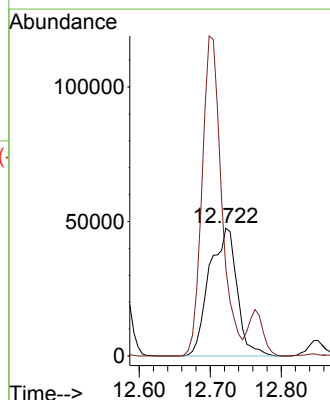
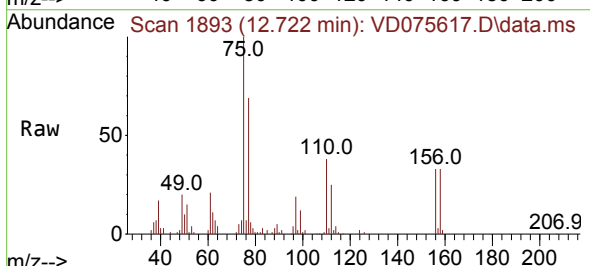
Acq: 10 Apr 2023 20:20

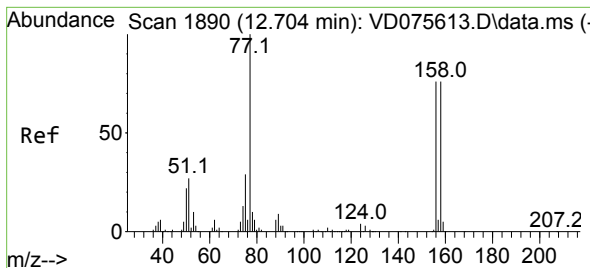
Tgt Ion: 75 Resp: 128559

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.259 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

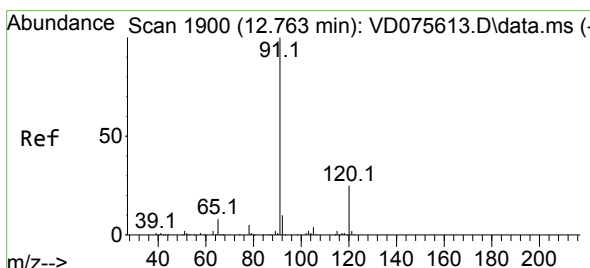
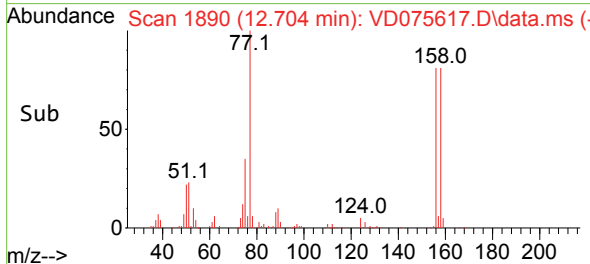
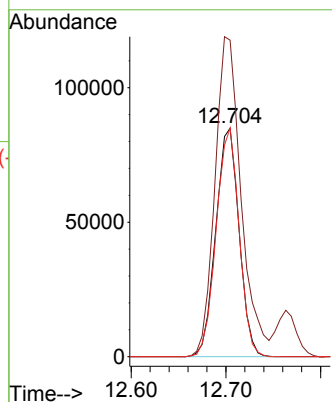
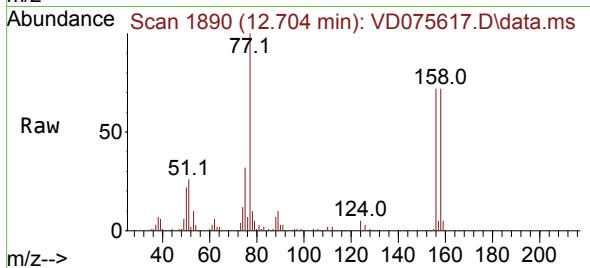
Tgt Ion:156 Resp: 145206

Ion Ratio Lower Upper

156 100

77 157.4 89.5 268.6

158 98.2 47.8 143.4



#78

n-propylbenzene

Concen: 56.616 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD075617.D

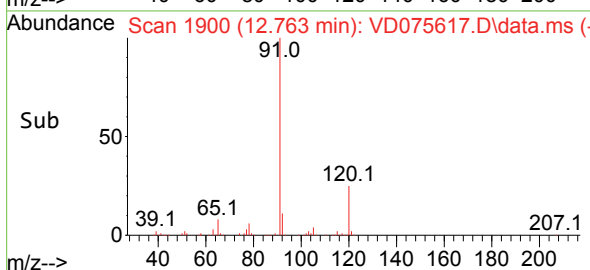
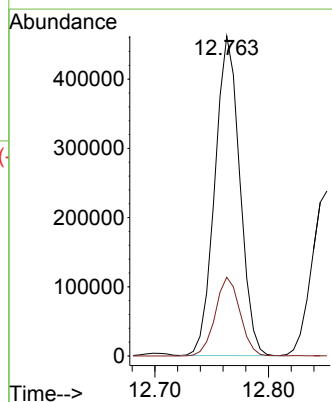
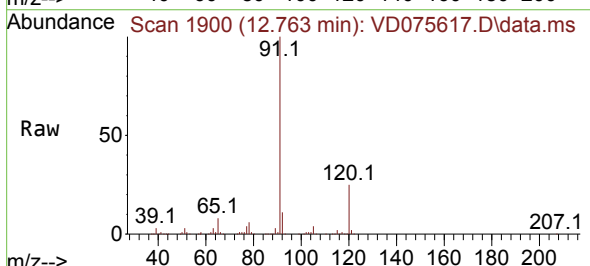
Acq: 10 Apr 2023 20:20

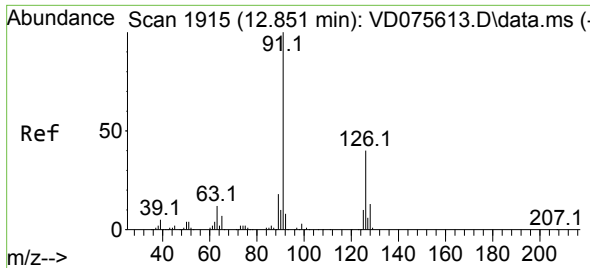
Tgt Ion: 91 Resp: 703845

Ion Ratio Lower Upper

91 100

120 24.4 11.4 34.2

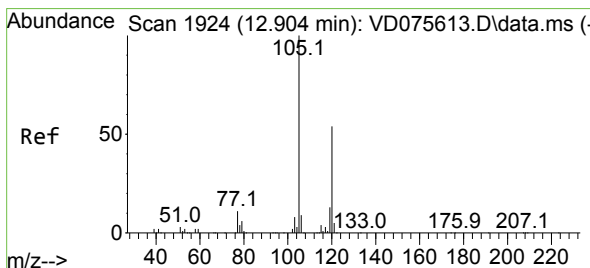
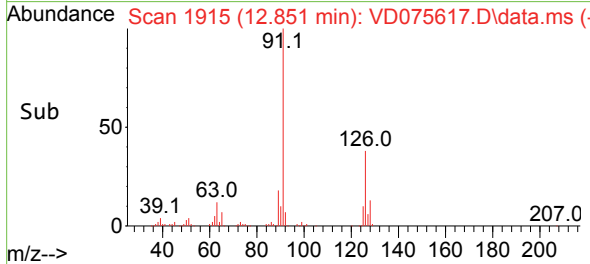
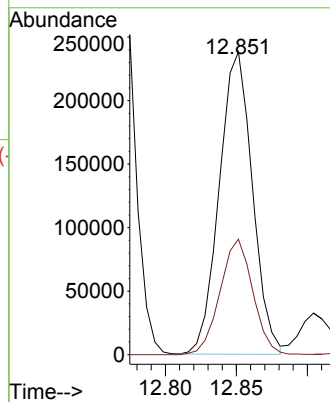
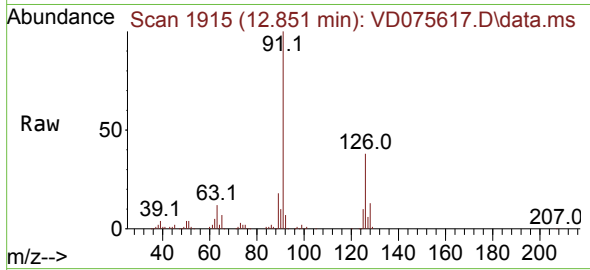




#79
2-Chlorotoluene
Concen: 56.170 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

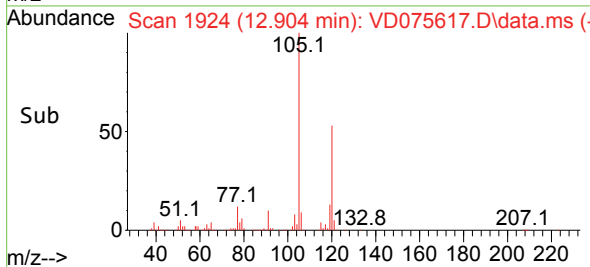
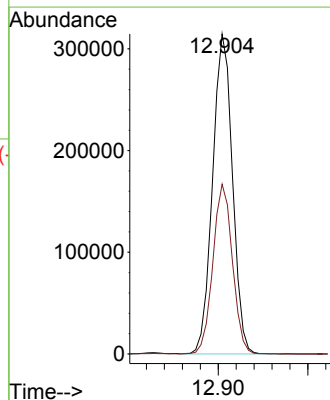
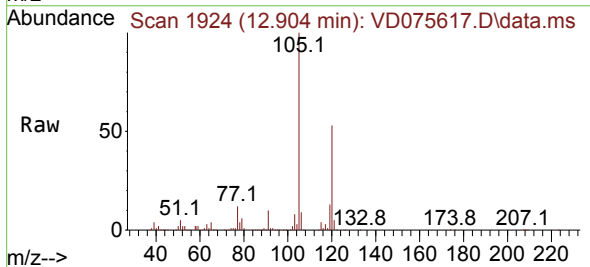
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

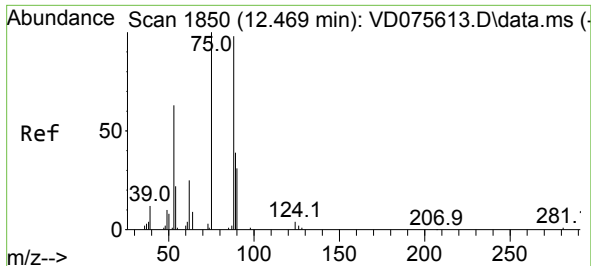
Tgt Ion: 91 Resp: 386848
Ion Ratio Lower Upper
91 100
126 37.7 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 57.872 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 105 Resp: 483294
Ion Ratio Lower Upper
105 100
120 52.2 24.3 72.8

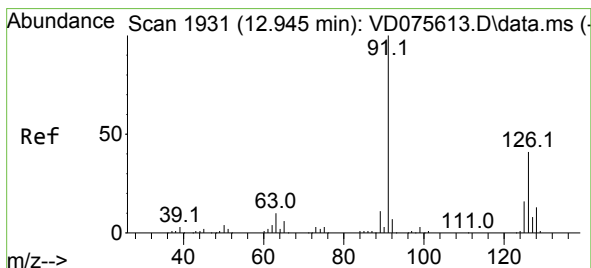
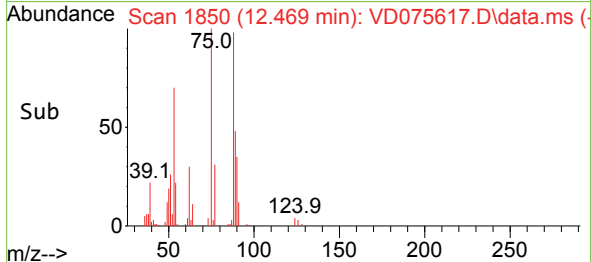
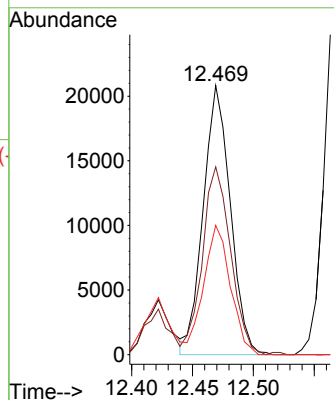
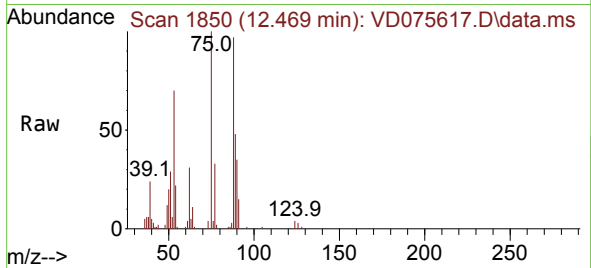




#81
trans-1,4-Dichloro-2-butene
Concen: 56.642 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

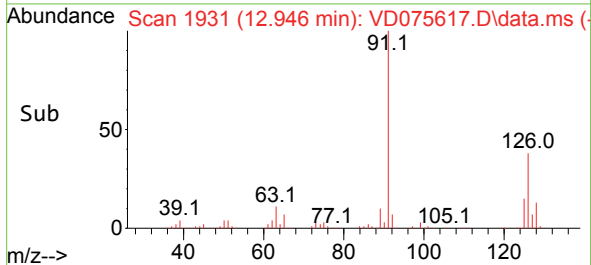
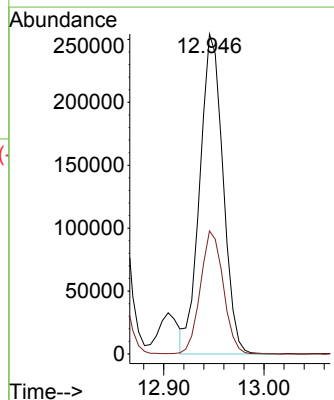
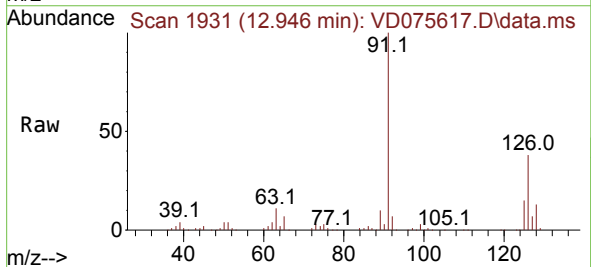
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

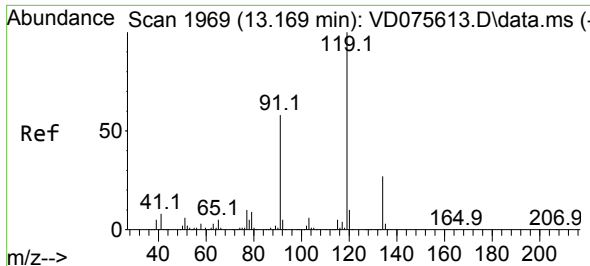
Tgt Ion: 75 Resp: 32284
Ion Ratio Lower Upper
75 100
53 72.7 90.5 135.7#
89 47.2 40.2 60.4



#82
4-Chlorotoluene
Concen: 57.163 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion: 91 Resp: 409205
Ion Ratio Lower Upper
91 100
126 37.9 17.1 51.2

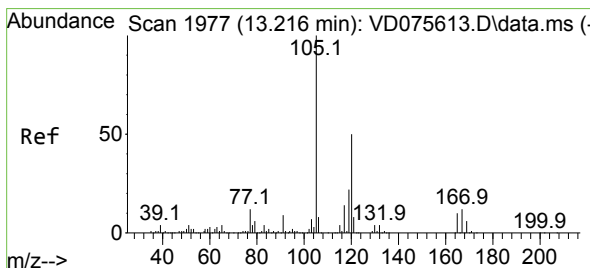
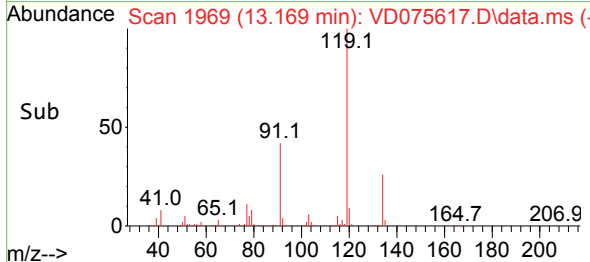
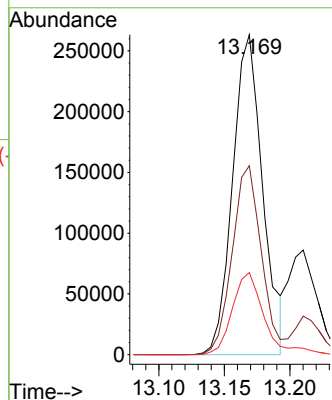
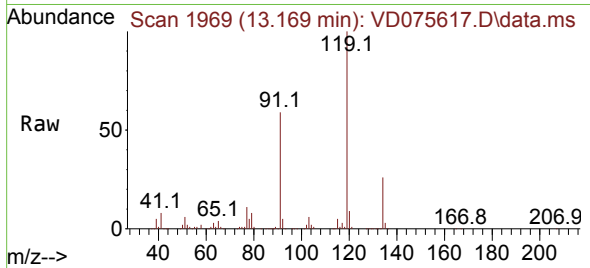




#83
tert-Butylbenzene
Concen: 57.473 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

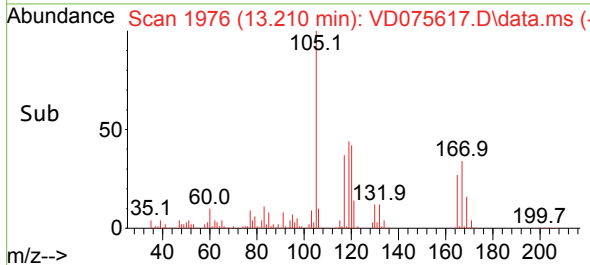
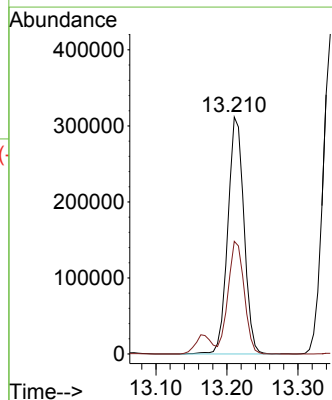
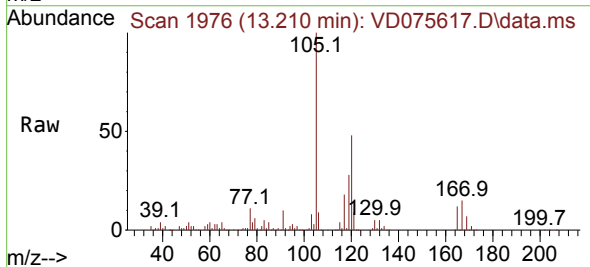
Instrument : MSVOA_D
ClientSampleId : ICVVD041023

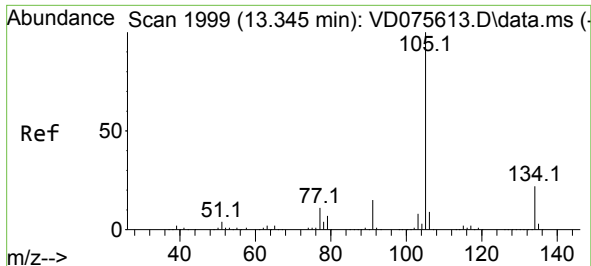
Tgt Ion:119 Resp: 419668
Ion Ratio Lower Upper
119 100
91 57.1 32.4 97.0
134 27.2 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 58.062 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.005 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:105 Resp: 491072
Ion Ratio Lower Upper
105 100
120 47.4 22.3 66.9

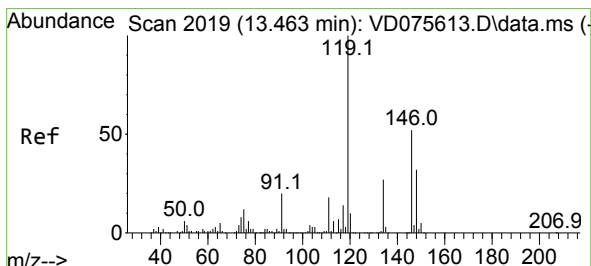
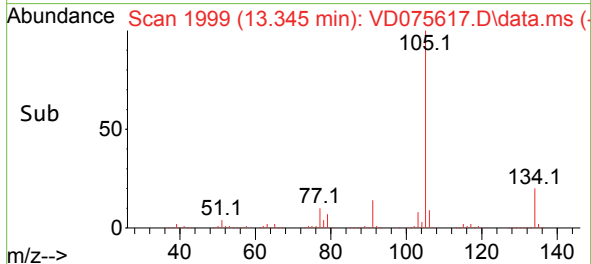
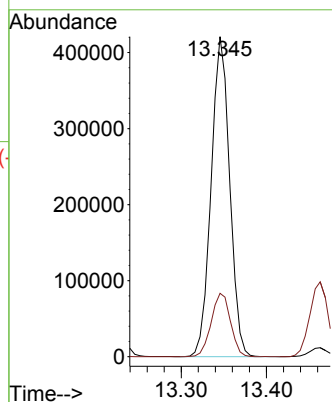
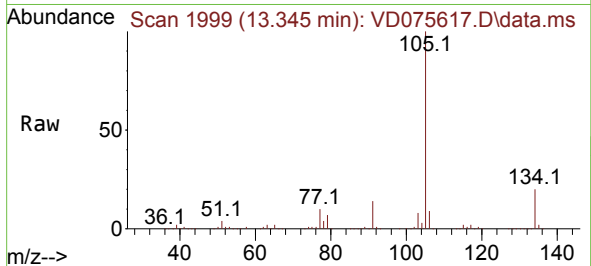




#85
 sec-Butylbenzene
 Concen: 56.903 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

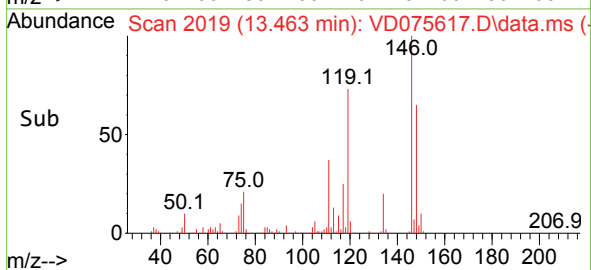
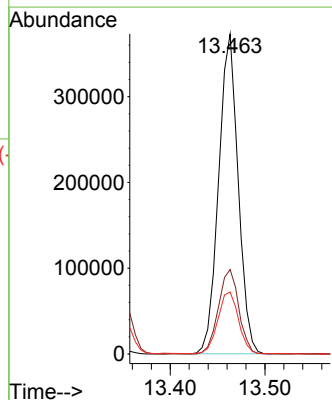
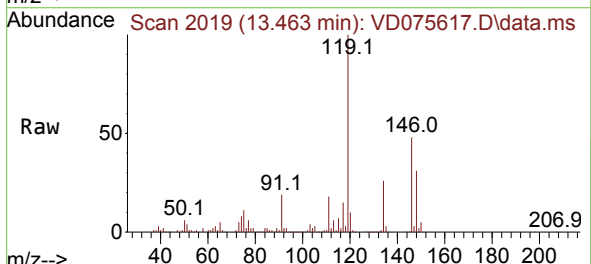
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041023

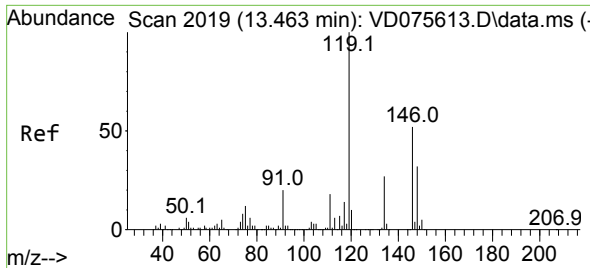
Tgt Ion:105 Resp: 635403
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 57.447 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

Tgt Ion:119 Resp: 533817
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.1 39.3
 91 20.5 12.4 37.4

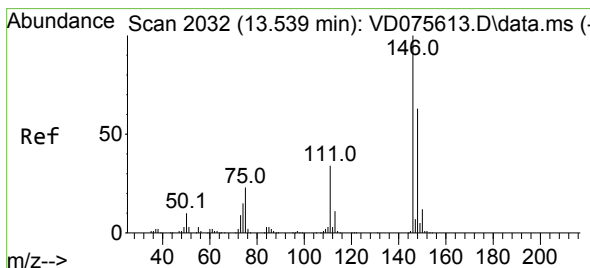
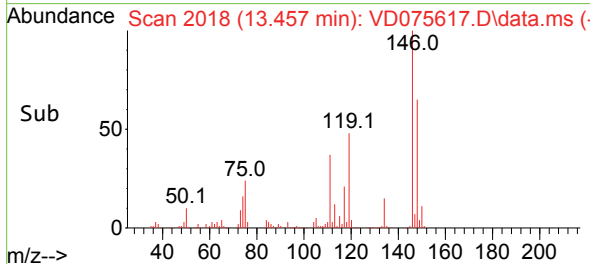
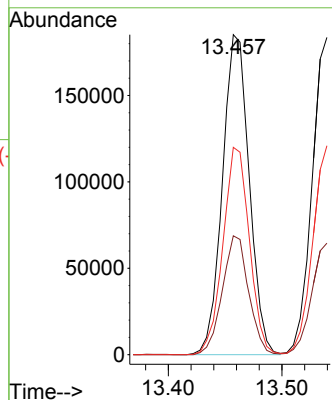
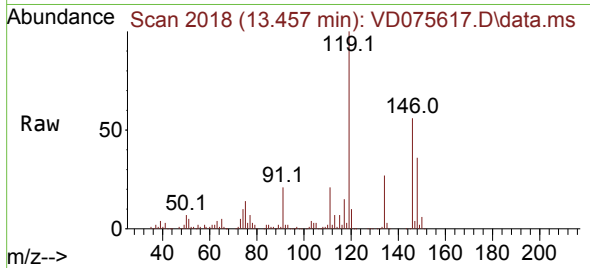




#87
1,3-Dichlorobenzene
Concen: 55.634 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.005 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

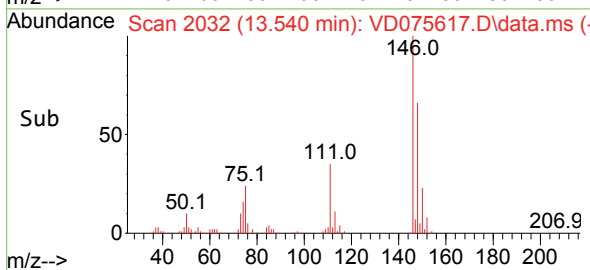
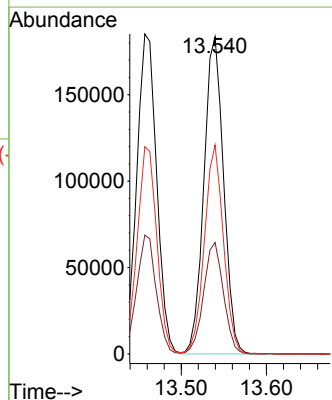
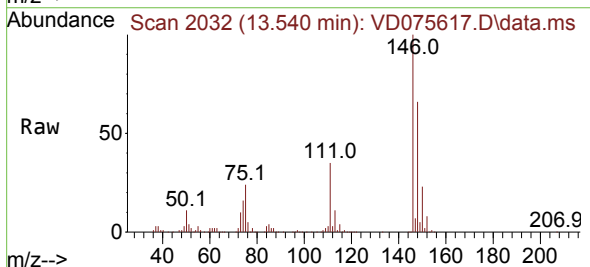
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041023

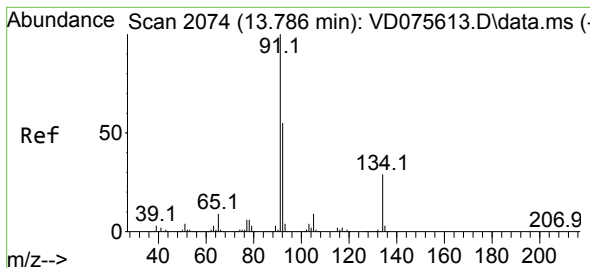
Tgt Ion:146 Resp: 303125
Ion Ratio Lower Upper
146 100
111 36.5 19.8 59.3
148 64.0 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 54.058 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075617.D
Acq: 10 Apr 2023 20:20

Tgt Ion:146 Resp: 294610
Ion Ratio Lower Upper
146 100
111 35.6 19.6 58.8
148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 56.620 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

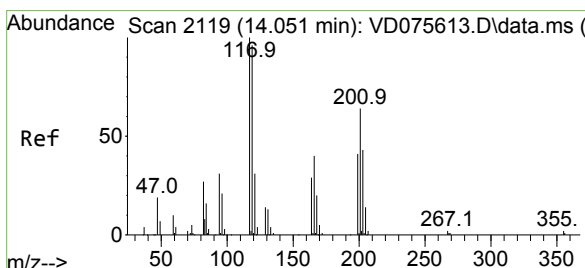
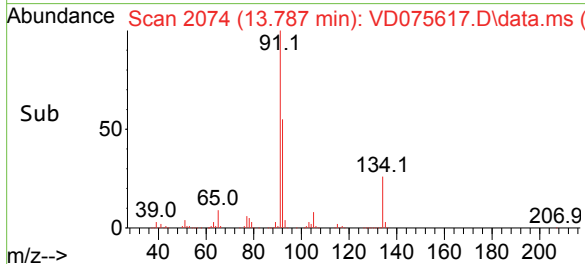
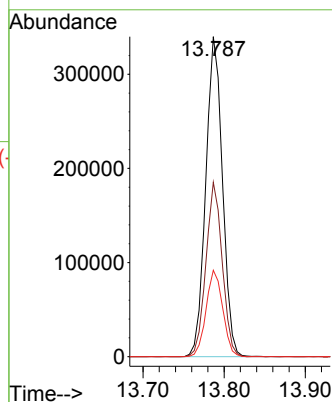
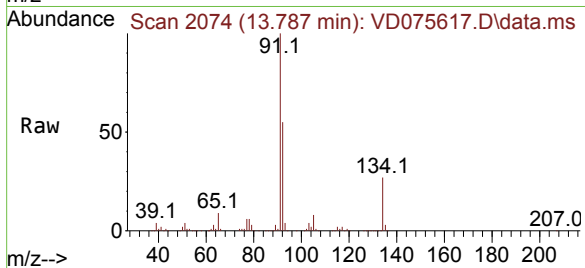
Tgt Ion: 91 Resp: 485222

Ion Ratio Lower Upper

91 100

92 53.1 26.2 78.5

134 26.9 12.7 38.0



#90

Hexachloroethane

Concen: 54.154 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD075617.D

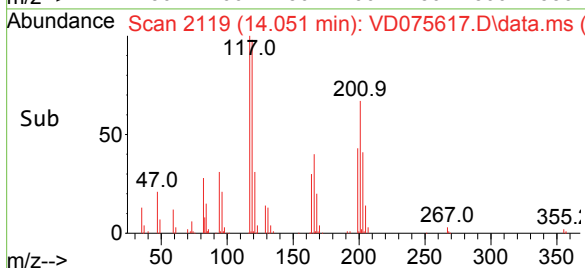
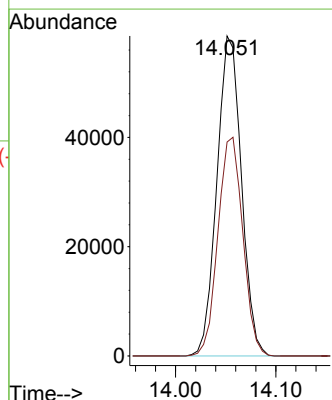
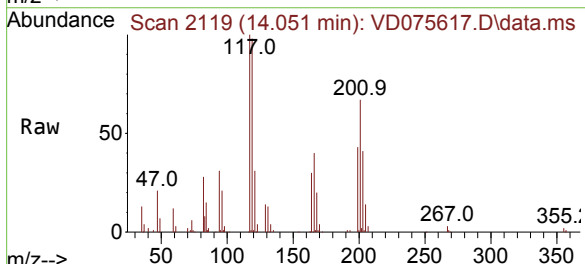
Acq: 10 Apr 2023 20:20

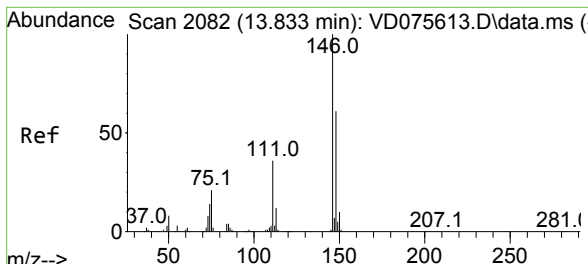
Tgt Ion: 117 Resp: 99511

Ion Ratio Lower Upper

117 100

201 69.2 34.5 103.6

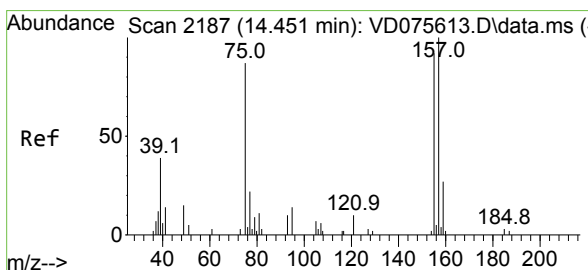
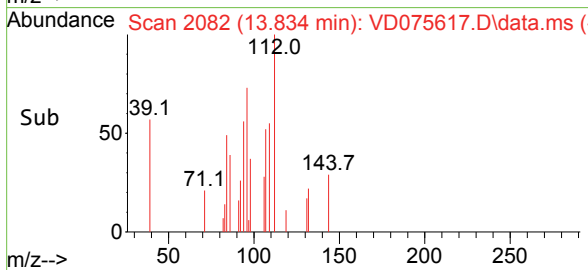
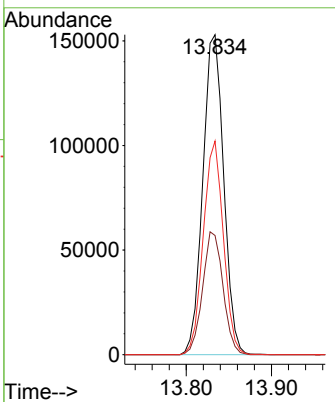
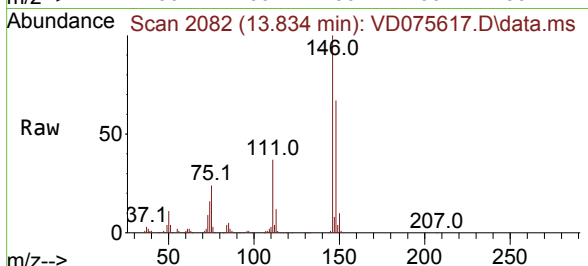




#91
 1,2-Dichlorobenzene
 Concen: 54.843 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

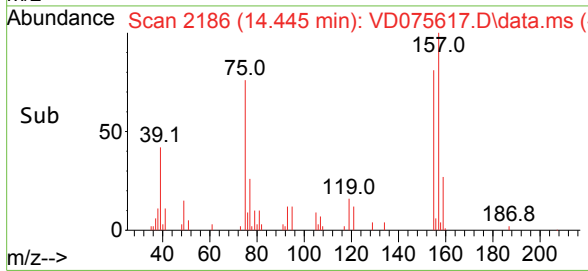
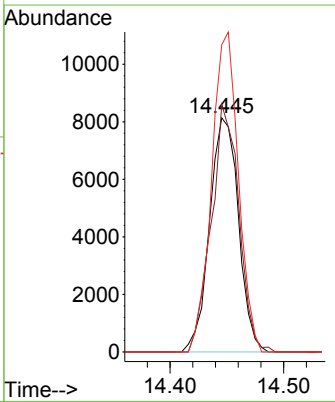
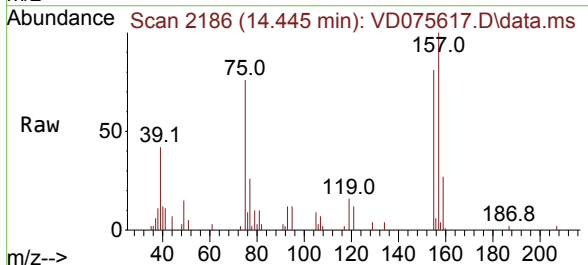
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041023

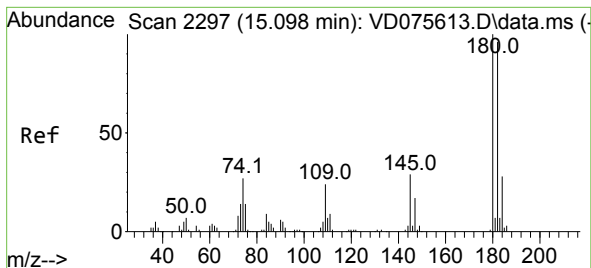
Tgt Ion:	146	Resp:	260129
Ion Ratio	Lower	Upper	
146	100		
111	37.5	20.6	61.8
148	64.3	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.314 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.005 min
 Lab File: VD075617.D
 Acq: 10 Apr 2023 20:20

Tgt Ion:	75	Resp:	14358
Ion Ratio	Lower	Upper	
75	100		
155	101.2	39.5	118.5
157	126.8	53.5	160.7





#93

1,2,4-Trichlorobenzene

Concen: 58.590 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

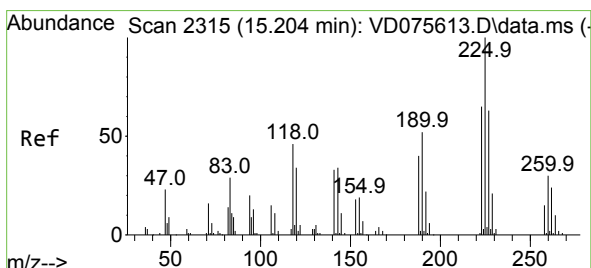
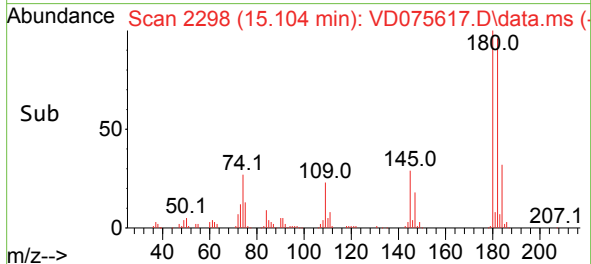
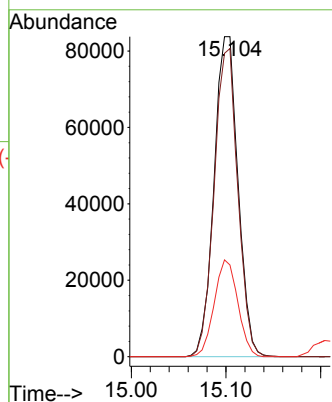
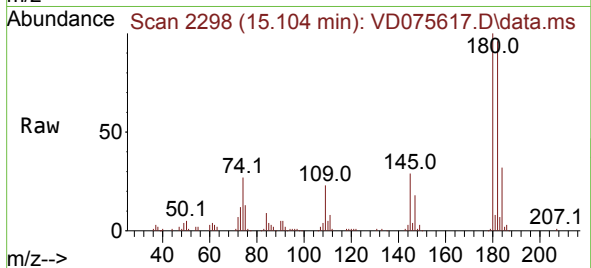
Tgt Ion:180 Resp: 147520

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.7

145 29.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 54.535 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

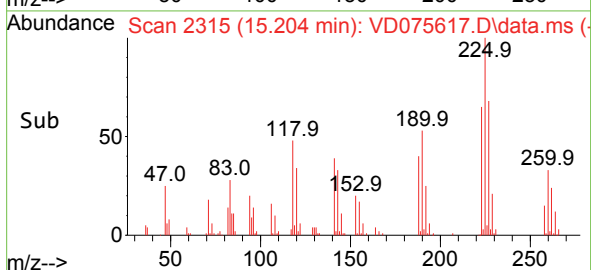
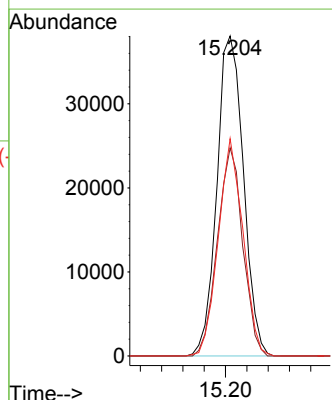
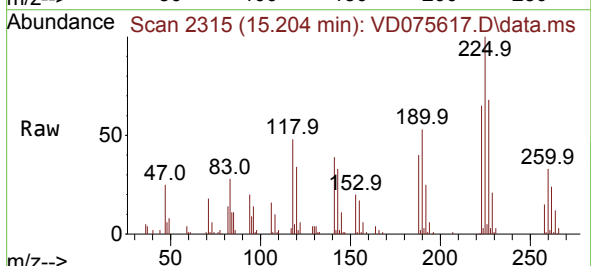
Tgt Ion:225 Resp: 65904

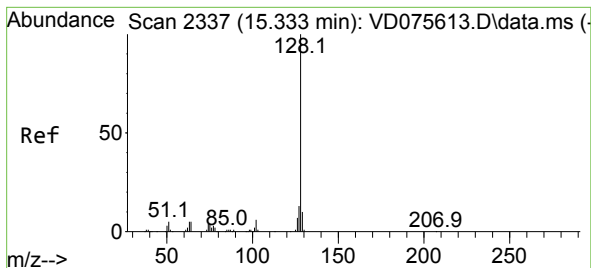
Ion Ratio Lower Upper

225 100

223 61.9 33.1 99.2

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 63.138 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041023

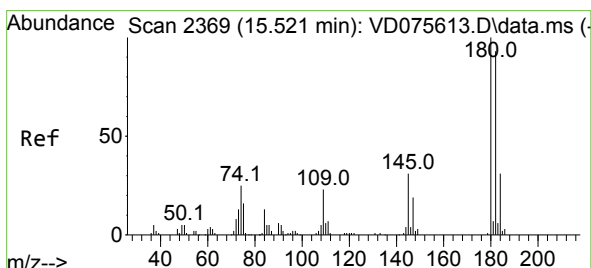
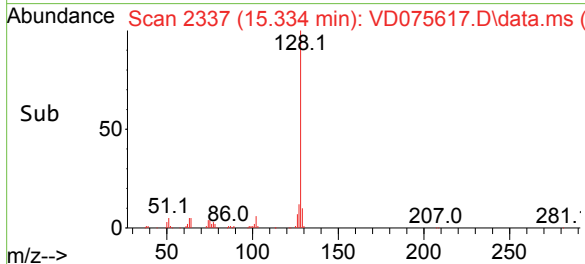
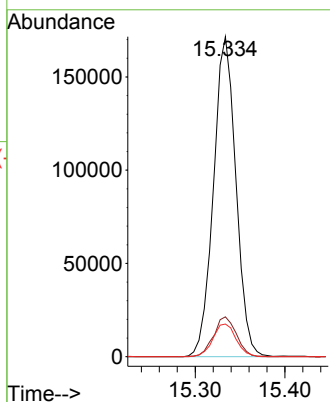
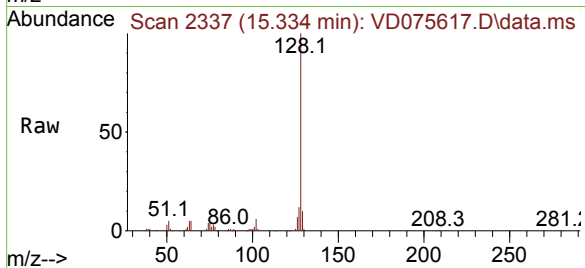
Tgt Ion:128 Resp: 297796

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 59.538 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD075617.D

Acq: 10 Apr 2023 20:20

Tgt Ion:180 Resp: 130829

Ion Ratio Lower Upper

180 100

182 94.9 47.7 143.1

145 30.9 16.4 49.4

