

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
 Data File : VD075619.D
 Acq On : 11 Apr 2023 12:14
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041123

Quant Time: Apr 12 02:54:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:54:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	212299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	360872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	406511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	172273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86018	49.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.780%
35) Dibromofluoromethane	7.805	113	108915	51.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.000%
50) Toluene-d8	10.269	98	422808	50.968	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.575	95	127996	49.677	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	67841	45.232	ug/l	98
3) Chloromethane	2.152	50	121028	50.926	ug/l	97
4) Vinyl Chloride	2.287	62	171220	46.892	ug/l	95
5) Bromomethane	2.693	94	137808	47.395	ug/l	97
6) Chloroethane	2.840	64	124683	48.678	ug/l	92
7) Trichlorofluoromethane	3.175	101	149686	48.056	ug/l	99
8) Diethyl Ether	3.599	74	47498	49.372	ug/l	66
9) 1,1,2-Trichlorotrifluo...	3.969	101	100232	48.887	ug/l	93
10) Methyl Iodide	4.164	142	130178	53.102	ug/l	91
11) Tert butyl alcohol	5.046	59	12418	150.819	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	95409	48.482	ug/l	87
13) Acrolein	3.799	56	28861	250.128	ug/l	93
14) Allyl chloride	4.564	41	90009	50.679	ug/l #	82
15) Acrylonitrile	5.263	53	95867	260.039	ug/l	96
16) Acetone	4.022	43	87704	276.374	ug/l #	74
17) Carbon Disulfide	4.269	76	236590	46.449	ug/l	97
18) Methyl Acetate	4.575	43	47858	49.970	ug/l #	67
19) Methyl tert-butyl Ether	5.316	73	207900	49.985	ug/l	95
20) Methylene Chloride	4.805	84	134159	50.032	ug/l #	71
21) trans-1,2-Dichloroethene	5.311	96	111669	48.073	ug/l #	76
22) Diisopropyl ether	6.216	45	219903	50.474	ug/l #	89
23) Vinyl Acetate	6.158	43	545335	266.689	ug/l #	83
24) 1,1-Dichloroethane	6.110	63	176666	49.104	ug/l	97
25) 2-Butanone	7.081	43	110565	268.471	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	162112	49.118	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	134226	49.076	ug/l	81
28) Bromochloromethane	7.428	49	62010	50.444	ug/l #	44
29) Tetrahydrofuran	7.446	42	58459	268.052	ug/l #	54
30) Chloroform	7.593	83	203416	49.699	ug/l	94
31) Cyclohexane	7.875	56	116397	45.938	ug/l #	76
32) 1,1,1-Trichloroethane	7.793	97	170248	49.982	ug/l	95
36) 1,1-Dichloropropene	8.010	75	139062	51.485	ug/l	92
37) Ethyl Acetate	7.169	43	43744	53.867	ug/l #	80
38) Carbon Tetrachloride	7.993	117	135264	52.221	ug/l	98
39) Methylcyclohexane	9.275	83	158752	49.359	ug/l #	87
40) Benzene	8.252	78	456364	52.435	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22470	50.526	ug/l #	61
42) 1,2-Dichloroethane	8.328	62	104511	51.681	ug/l	91
43) Isopropyl Acetate	8.363	43	85047	54.861	ug/l #	78
44) Trichloroethene	9.028	130	124774	48.945	ug/l	96
45) 1,2-Dichloropropane	9.304	63	102254	50.364	ug/l	95
46) Dibromomethane	9.393	93	65422	51.897	ug/l	97
47) Bromodichloromethane	9.587	83	154460	50.668	ug/l	96
48) Methyl methacrylate	9.381	41	38392	54.648	ug/l #	60
49) 1,4-Dioxane	9.387	88	13424	1174.736	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	222508	266.633	ug/l #	78
52) Toluene	10.334	92	302607	51.479	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	141602	51.245	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	170302	50.688	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	94427	50.795	ug/l	92
56) Ethyl methacrylate	10.598	69	93677	52.281	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	142691	50.978	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	224655	259.322	ug/l #	86
59) 2-Hexanone	10.922	43	162970	277.205	ug/l	71
60) Dibromochloromethane	11.075	129	112044	50.481	ug/l	100
61) 1,2-Dibromoethane	11.181	107	95836	53.940	ug/l	95
64) Tetrachloroethene	10.810	164	102249	41.819	ug/l	95
65) Chlorobenzene	11.610	112	378313	47.944	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	135436	48.535	ug/l	96
67) Ethyl Benzene	11.687	91	625308	48.030	ug/l	95
68) m/p-Xylenes	11.793	106	508558	94.838	ug/l	89
69) o-Xylene	12.122	106	217515	41.910	ug/l	90
70) Styrene	12.134	104	378750	42.646	ug/l	93
71) Bromoform	12.298	173	63763	44.209	ug/l #	98
73) Isopropylbenzene	12.422	105	548545	51.312	ug/l	99
74) N-amyl acetate	12.234	43	77342	51.584	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	101047	50.533	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	115956	86.006	ug/l #	100
77) Bromobenzene	12.704	156	130662	48.422	ug/l	91
78) n-propylbenzene	12.763	91	670063	52.131	ug/l	98
79) 2-Chlorotoluene	12.851	91	362089	50.934	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	455302	52.003	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	31293	53.195	ug/l #	67
82) 4-Chlorotoluene	12.945	91	376405	51.042	ug/l	93
83) tert-Butylbenzene	13.169	119	389074	51.181	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	461009	52.142	ug/l	96
85) sec-Butylbenzene	13.345	105	597089	51.397	ug/l	97
86) p-Isopropyltoluene	13.463	119	511878	52.418	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	280168	49.722	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	274251	49.213	ug/l	98
89) n-Butylbenzene	13.787	91	462961	52.143	ug/l	99
90) Hexachloroethane	14.057	117	92723	50.196	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	239049	49.217	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12649	50.569	ug/l	71
93) 1,2,4-Trichlorobenzene	15.104	180	132761	51.536	ug/l	97
94) Hexachlorobutadiene	15.204	225	58963	48.321	ug/l	98
95) Naphthalene	15.334	128	257494	52.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	113926	49.914	ug/l	99

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ClientSampleId :
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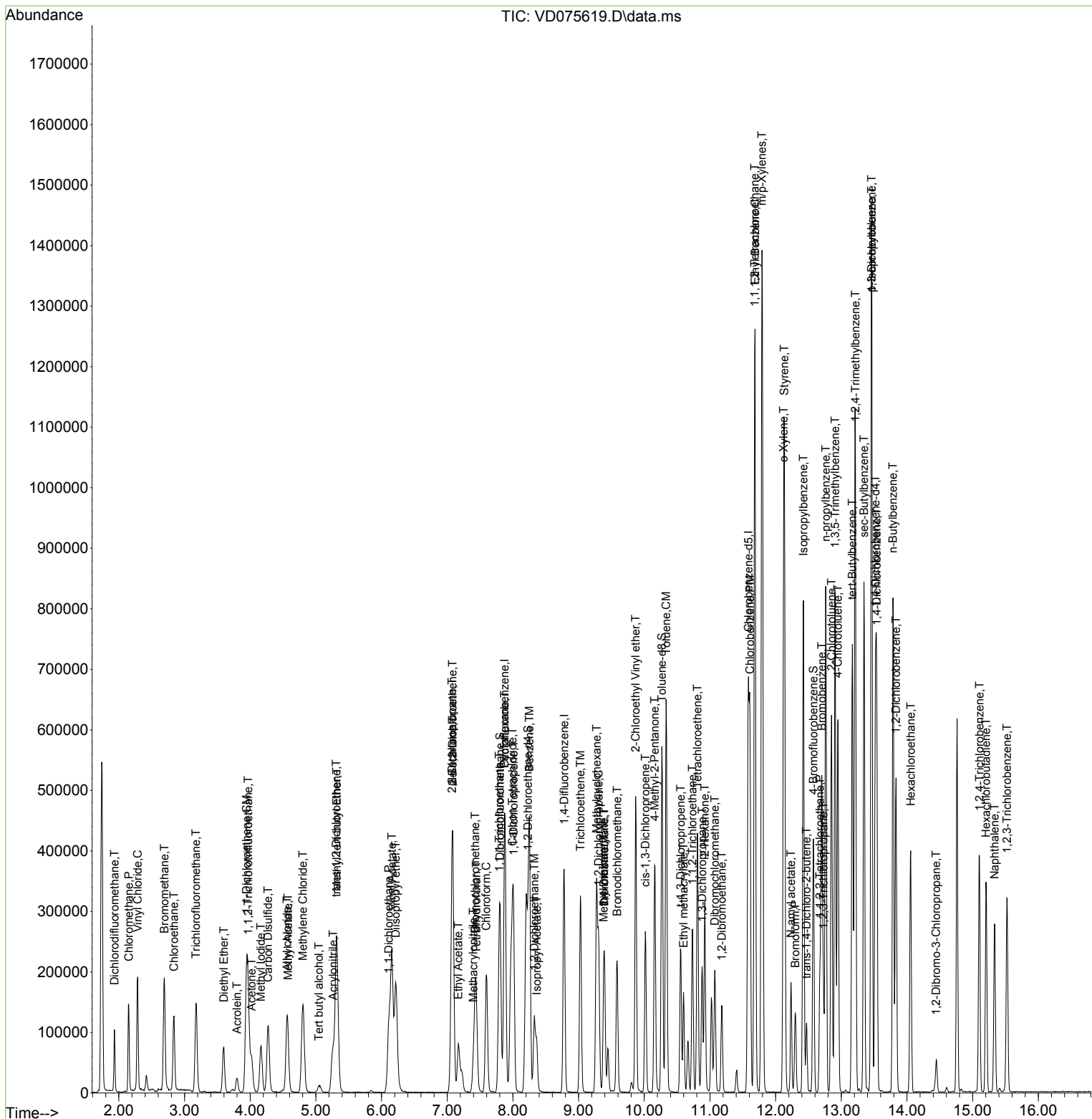
Quant Time: Apr 12 02:54:13 2023
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QLast Update : Tue Apr 11 18:54:55 2023
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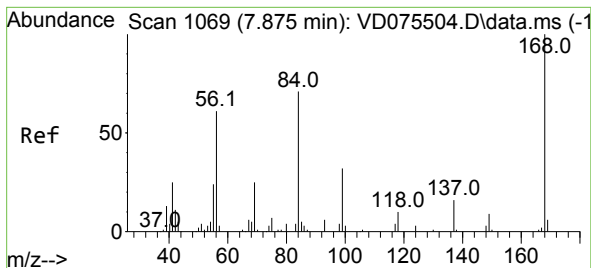
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075619.D

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Instrument :

MSVOA_D

ClientSampleId :

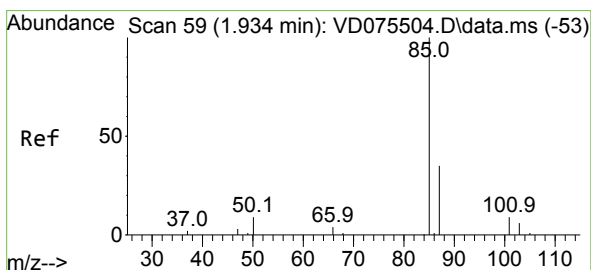
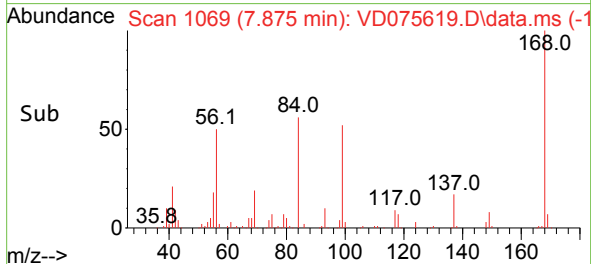
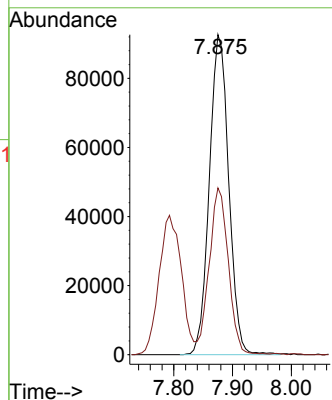
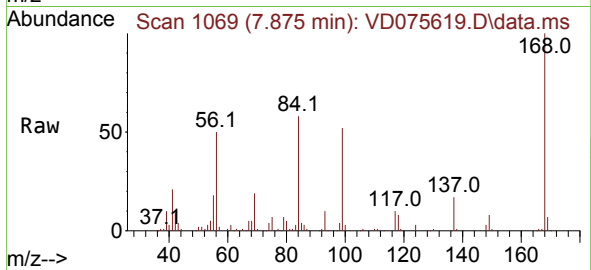
ICVVD041123

Tgt Ion:168 Resp: 212299

Ion Ratio Lower Upper

168 100

99 51.8 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 45.232 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075619.D

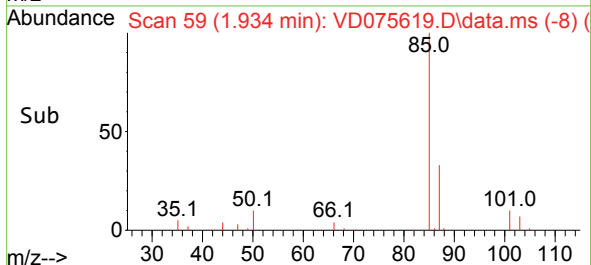
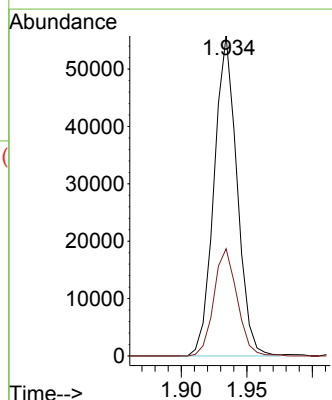
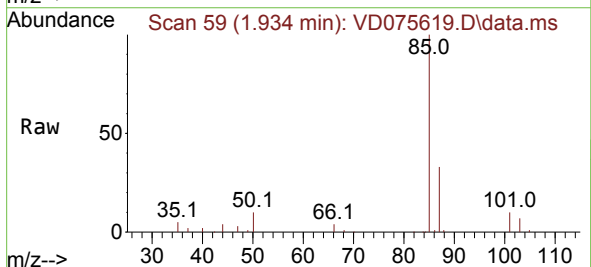
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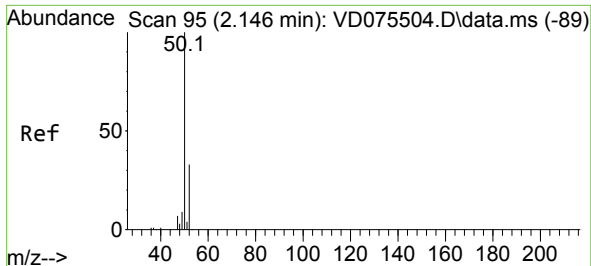
Tgt Ion: 85 Resp: 67841

Ion Ratio Lower Upper

85 100

87 33.5 17.3 51.7

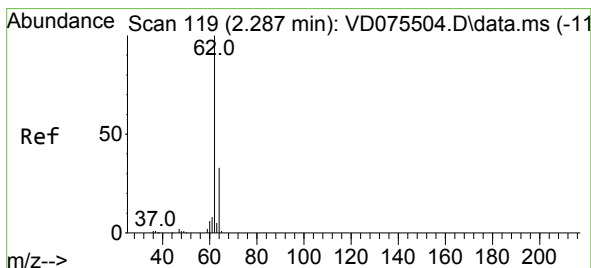
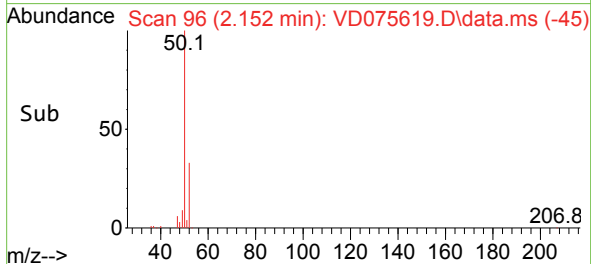
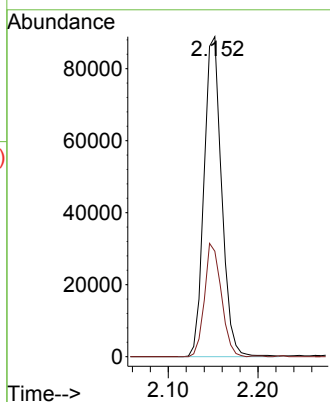
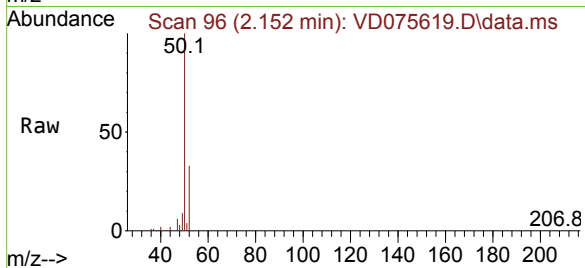




#3
Chloromethane
Concen: 50.926 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

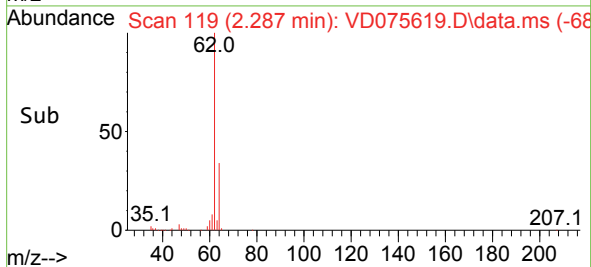
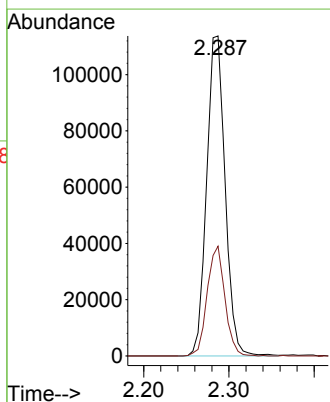
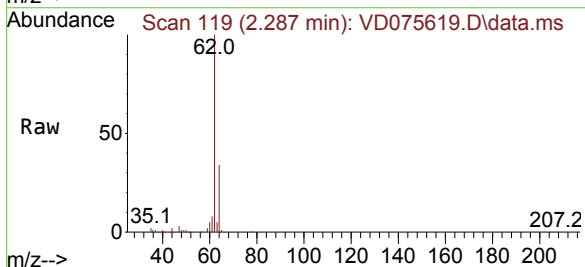
Instrument :
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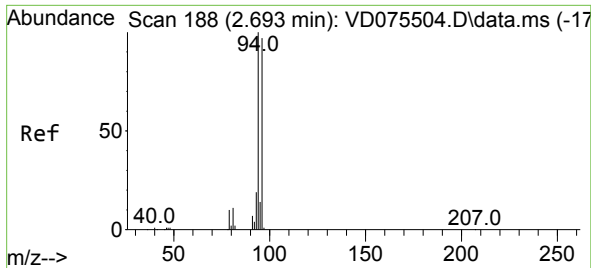
Tgt Ion: 50 Resp: 121028
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.8



#4
Vinyl Chloride
Concen: 46.892 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 62 Resp: 171220
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.0

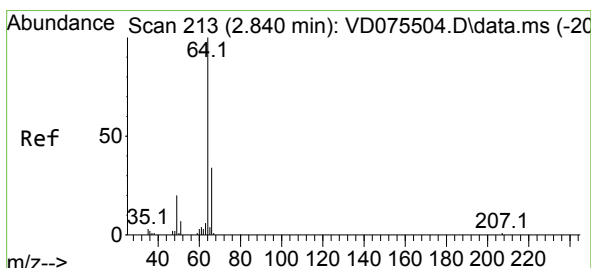
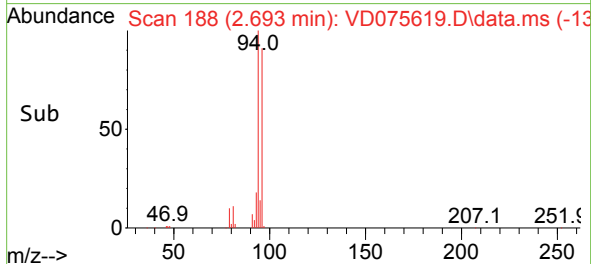
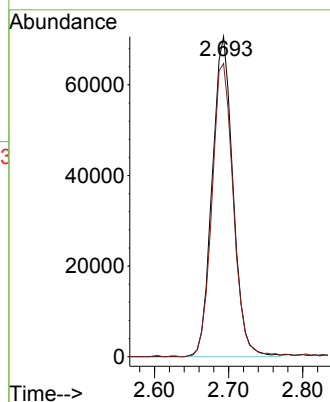
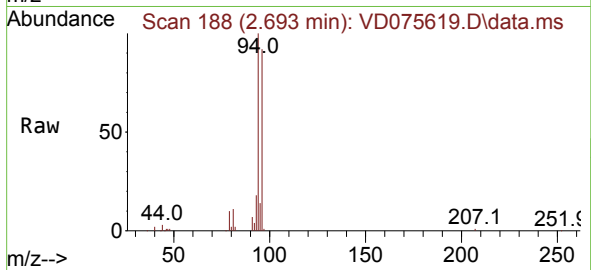




#5
Bromomethane
Concen: 47.395 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

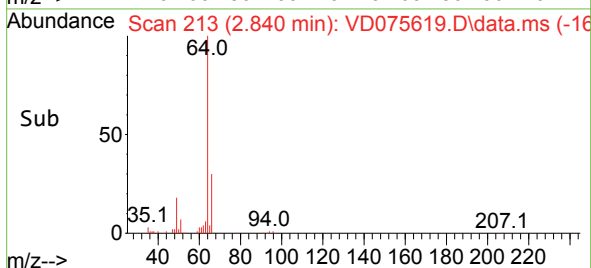
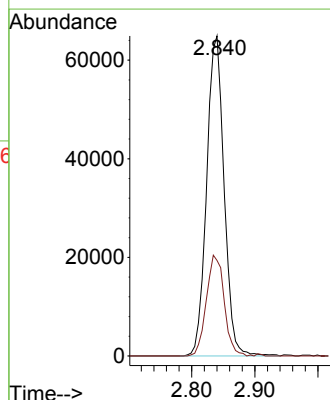
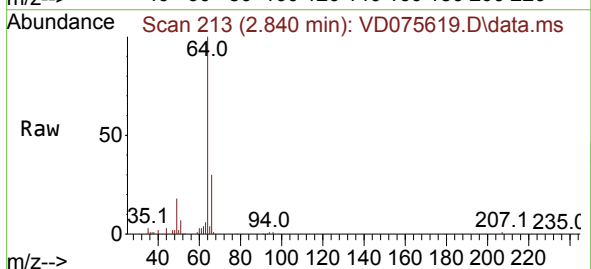
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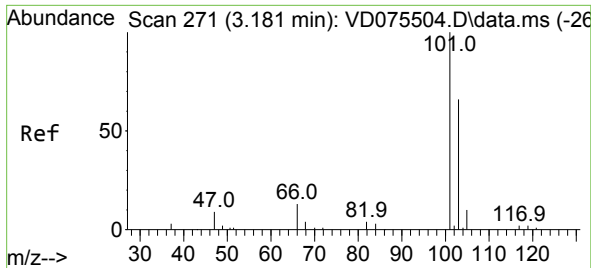
Tgt Ion: 94 Resp: 137808
Ion Ratio Lower Upper
94 100
96 94.2 77.5 116.3



#6
Chloroethane
Concen: 48.678 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 64 Resp: 124683
Ion Ratio Lower Upper
64 100
66 29.8 27.7 41.5

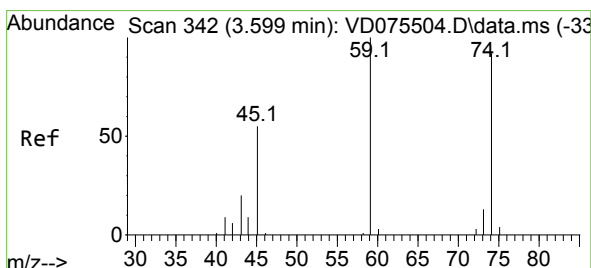
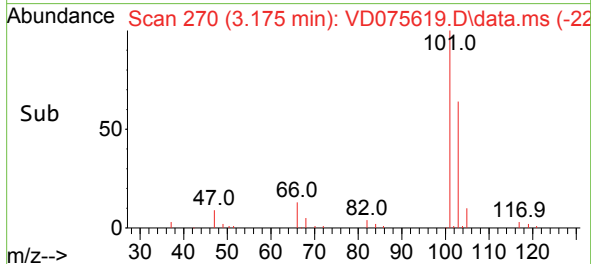
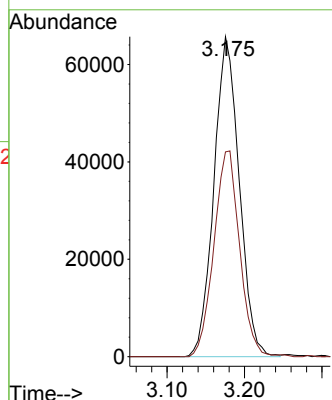
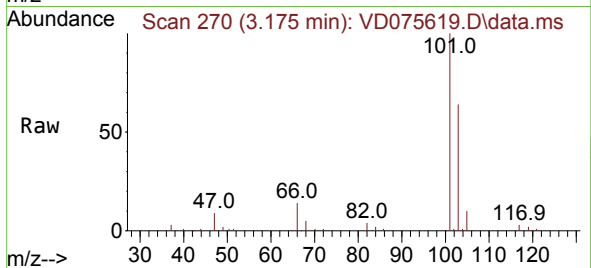




#7
Trichlorofluoromethane
Concen: 48.056 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

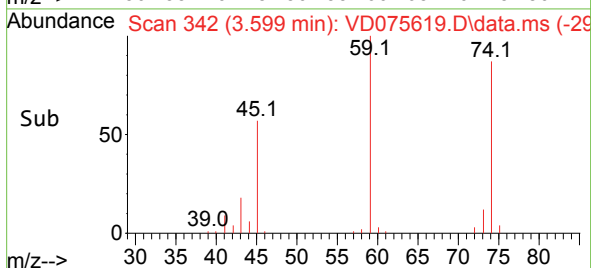
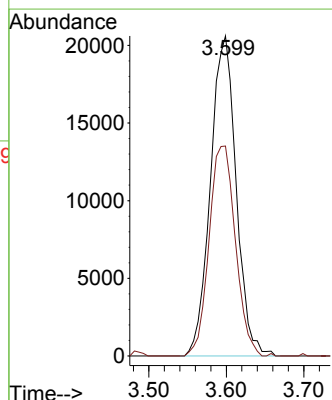
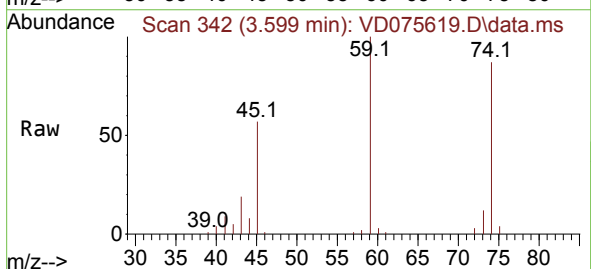
Instrument :
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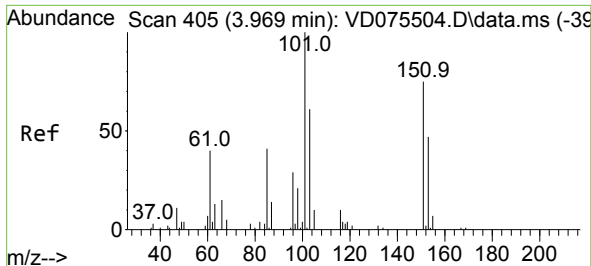
Tgt Ion:101 Resp: 149686
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9



#8
Diethyl Ether
Concen: 49.372 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 74 Resp: 47498
Ion Ratio Lower Upper
74 100
45 67.1 50.9 152.7

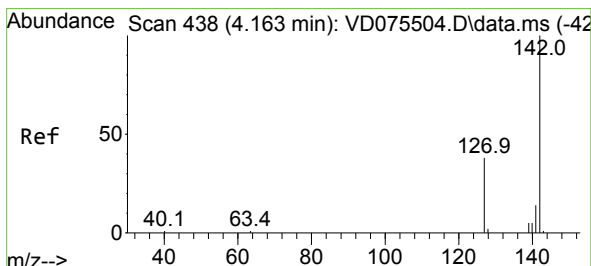
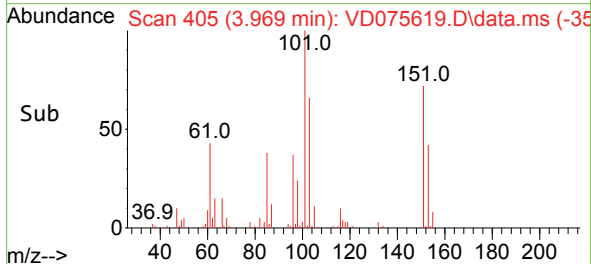
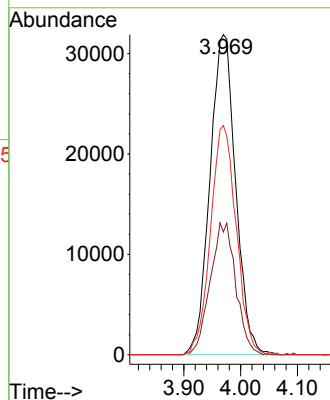
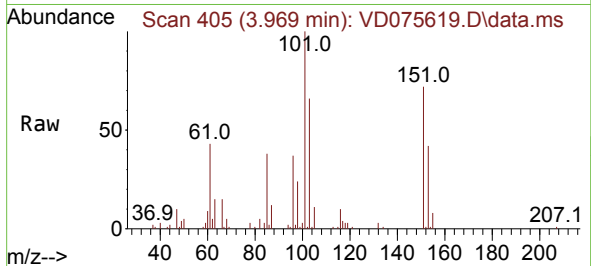




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.887 ug/l
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD075619.D
 Acq: 11 Apr 2023 12:14

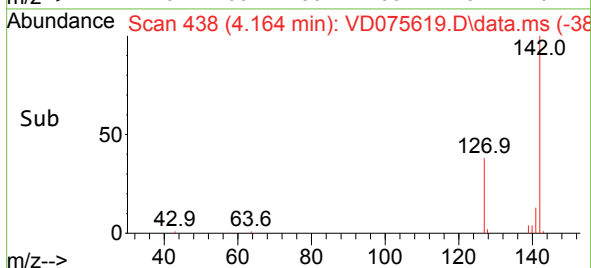
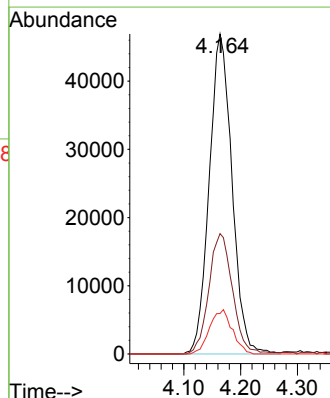
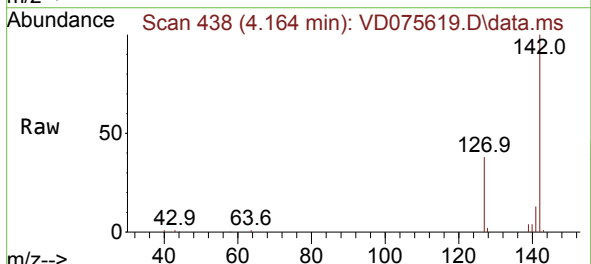
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041123

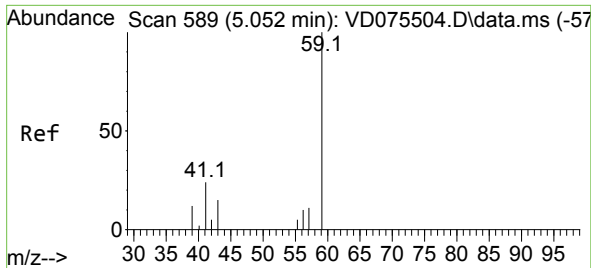
Tgt Ion:101 Resp: 100232
 Ion Ratio Lower Upper
 101 100
 85 41.1 38.3 57.5
 151 71.4 60.4 90.6



#10
 Methyl Iodide
 Concen: 53.102 ug/l
 RT: 4.164 min Scan# 438
 Delta R.T. -0.000 min
 Lab File: VD075619.D
 Acq: 11 Apr 2023 12:14

Tgt Ion:142 Resp: 130178
 Ion Ratio Lower Upper
 142 100
 127 39.0 37.1 55.7
 141 13.8 11.3 16.9

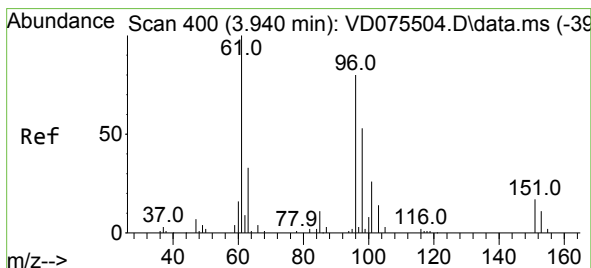
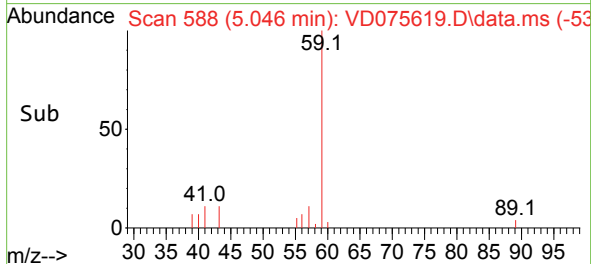
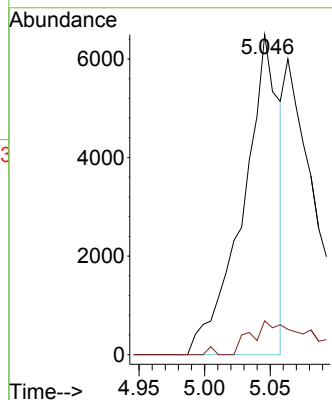
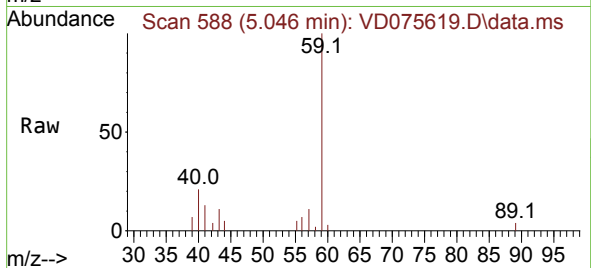




#11
Tert butyl alcohol
Concen: 150.819 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

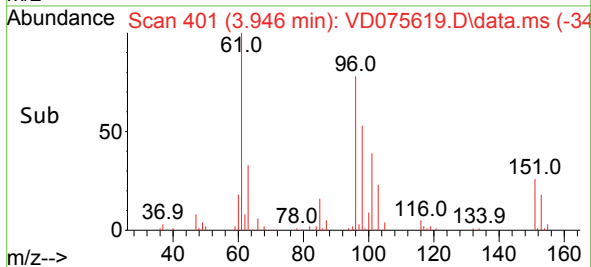
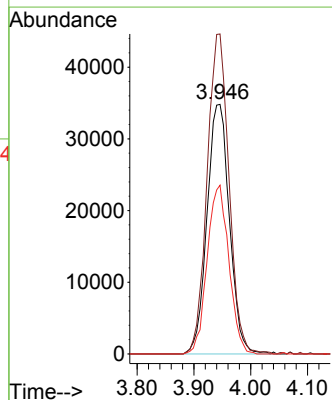
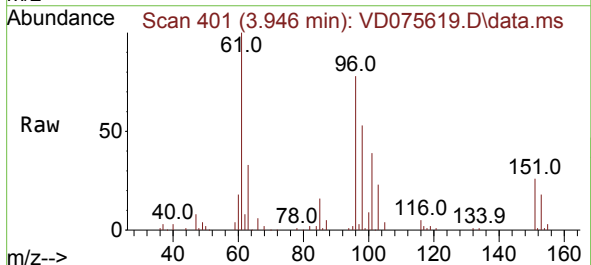
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

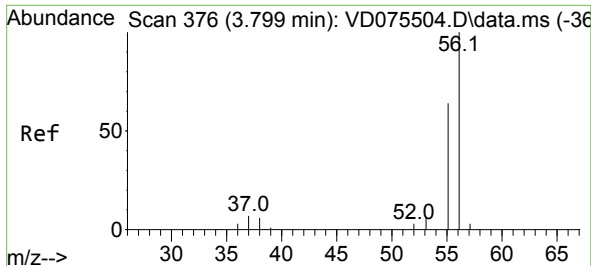
Tgt Ion: 59 Resp: 12418
Ion Ratio Lower Upper
59 100
57 15.9 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 48.482 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 96 Resp: 95409
Ion Ratio Lower Upper
96 100
61 128.2 118.6 177.8
98 67.6 49.7 74.5





#13

Acrolein

Concen: 250.128 ug/l

RT: 3.799 min Scan# 376

Delta R.T. 0.006 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

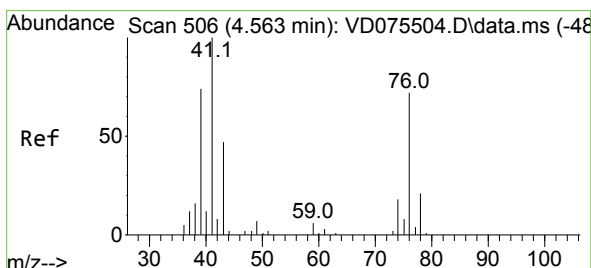
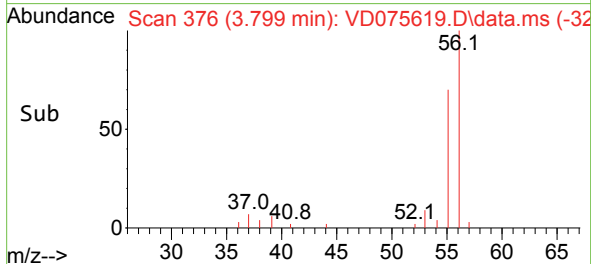
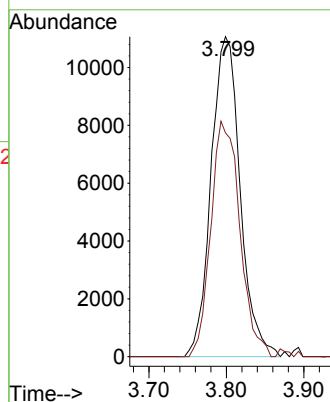
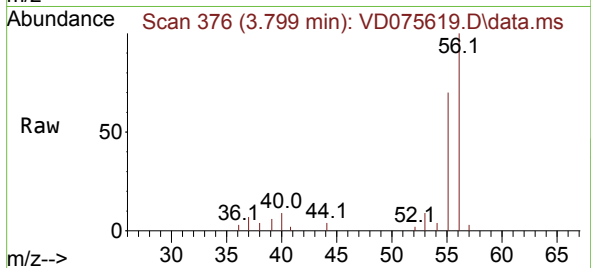
ICVVD041123

Tgt Ion: 56 Resp: 28861

Ion Ratio Lower Upper

56 100

55 73.3 53.9 80.9



#14

Allyl chloride

Concen: 50.679 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

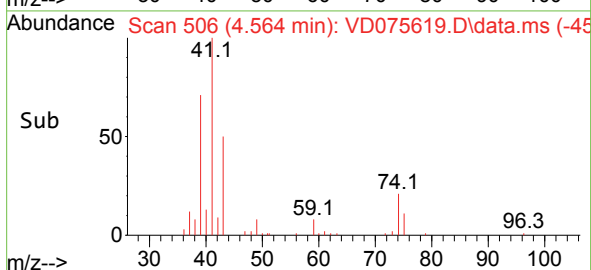
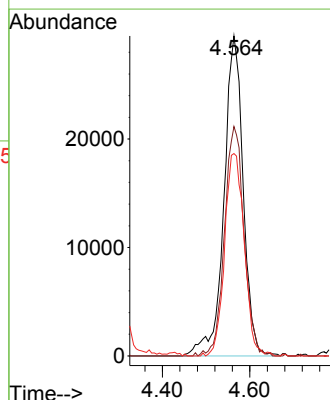
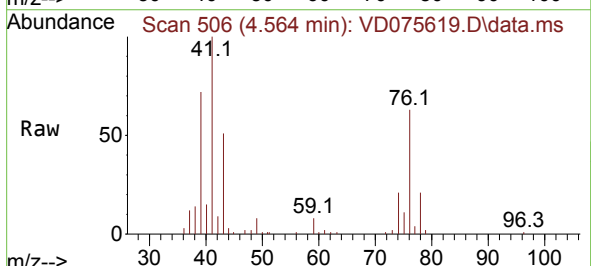
Tgt Ion: 41 Resp: 90009

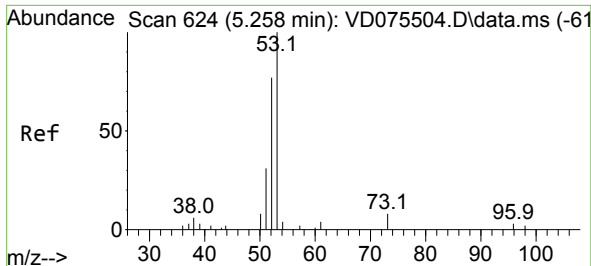
Ion Ratio Lower Upper

41 100

39 72.6 60.6 90.8

76 64.5 28.6 43.0#

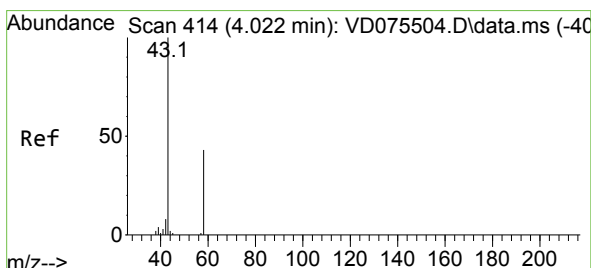
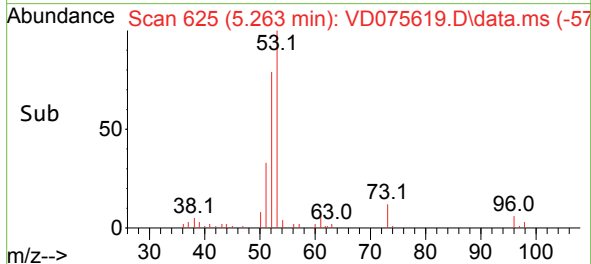
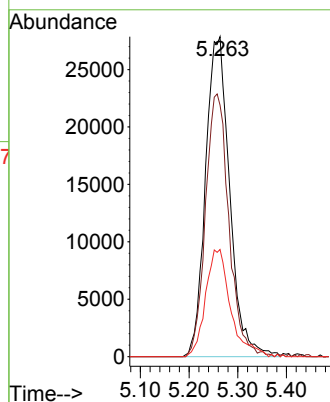
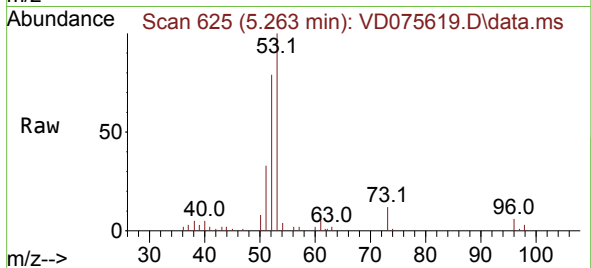




#15
Acrylonitrile
Concen: 260.039 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

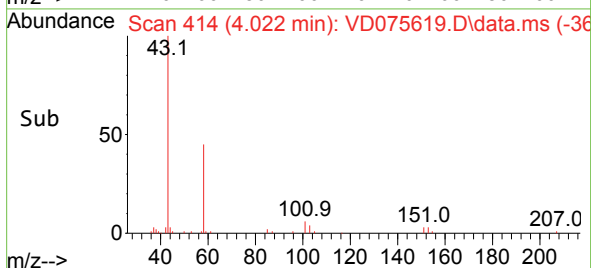
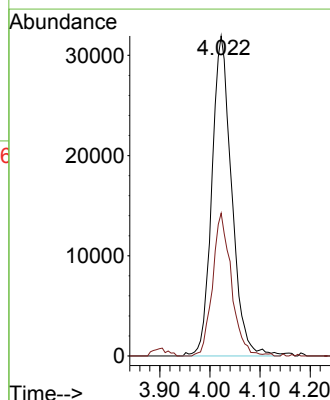
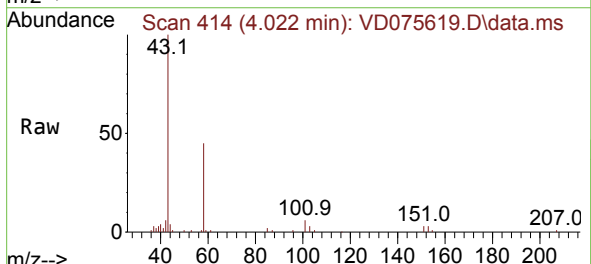
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

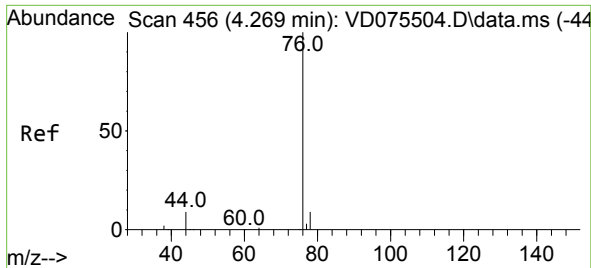
Tgt Ion: 53 Resp: 95867
Ion Ratio Lower Upper
53 100
52 79.5 66.2 99.4
51 34.6 30.7 46.1



#16
Acetone
Concen: 276.374 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 43 Resp: 87704
Ion Ratio Lower Upper
43 100
58 44.6 24.4 36.6#

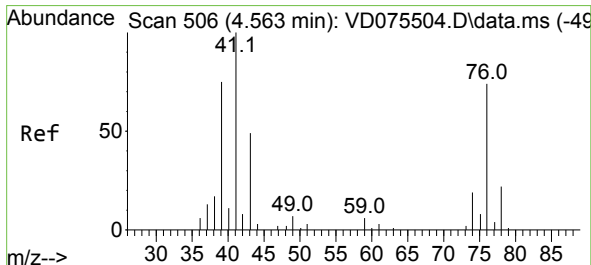
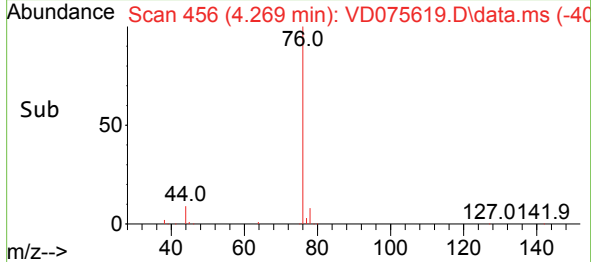
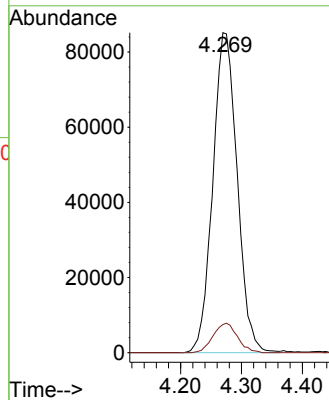
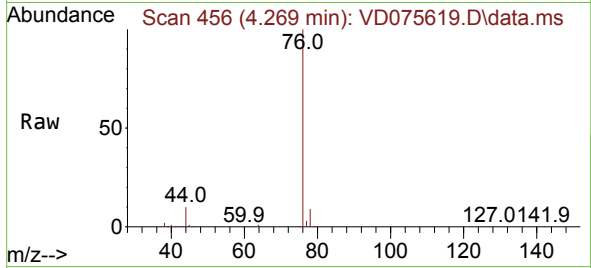




#17
Carbon Disulfide
Concen: 46.449 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

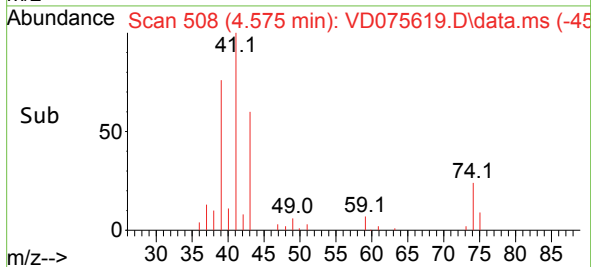
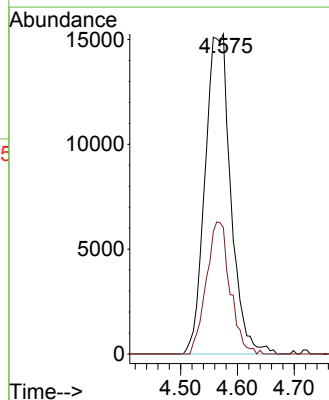
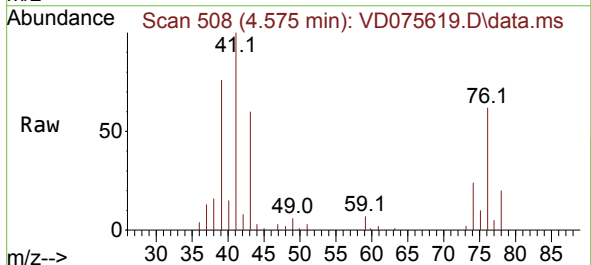
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

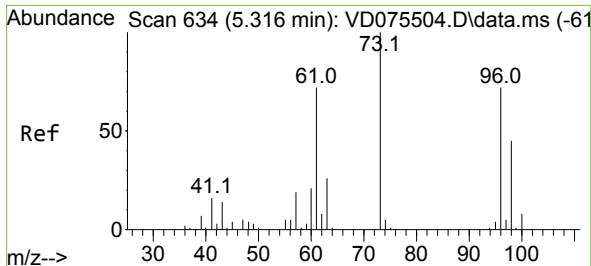
Tgt Ion: 76 Resp: 236590
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0



#18
Methyl Acetate
Concen: 49.970 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 43 Resp: 47858
Ion Ratio Lower Upper
43 100
74 38.2 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 49.985 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

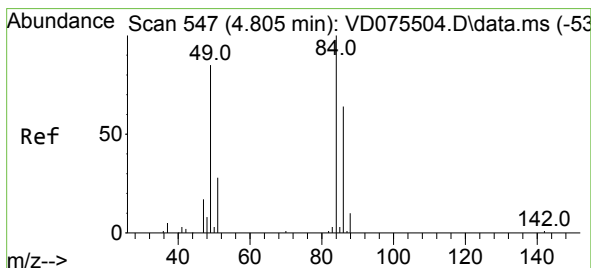
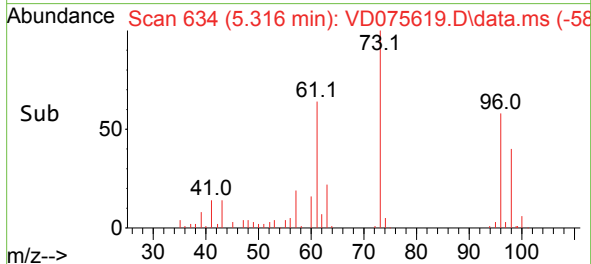
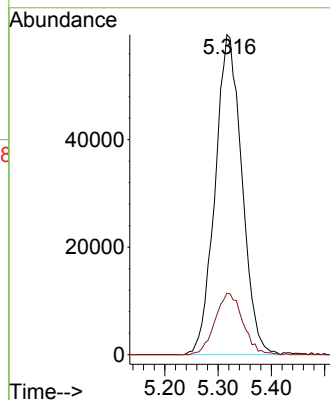
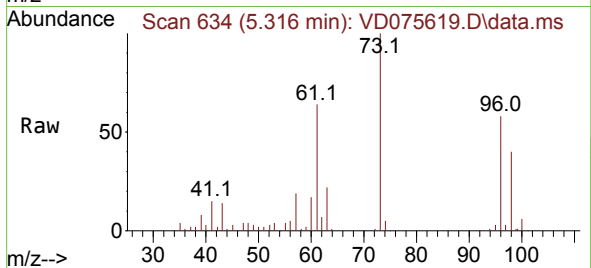
ICVVD041123

Tgt Ion: 73 Resp: 207900

Ion Ratio Lower Upper

73 100

57 19.2 17.2 25.8



#20

Methylene Chloride

Concen: 50.032 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Tgt Ion: 84 Resp: 134159

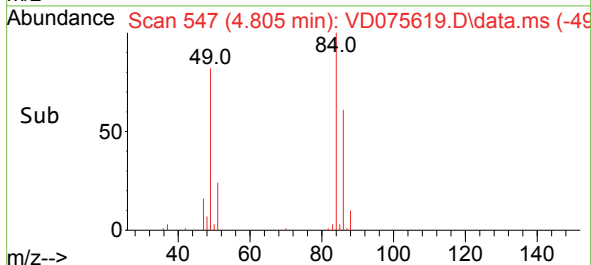
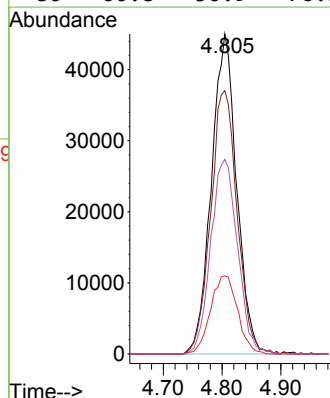
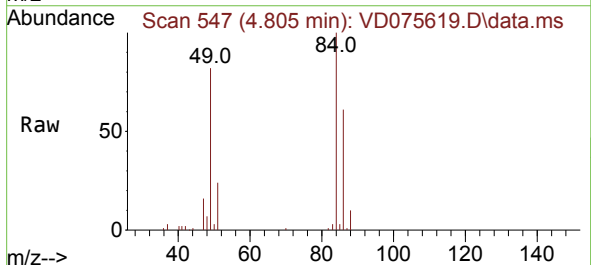
Ion Ratio Lower Upper

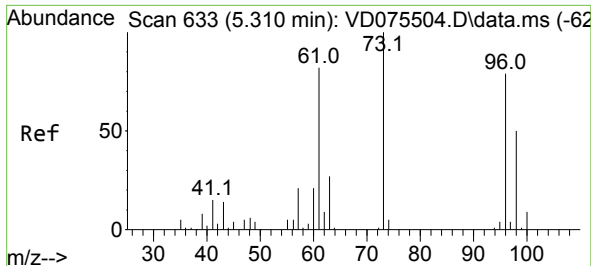
84 100

49 82.3 106.4 159.6#

51 24.4 32.4 48.6#

86 60.8 50.9 76.3

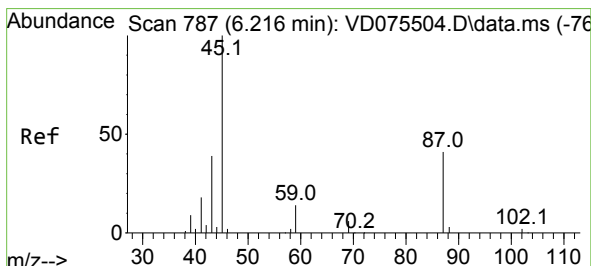
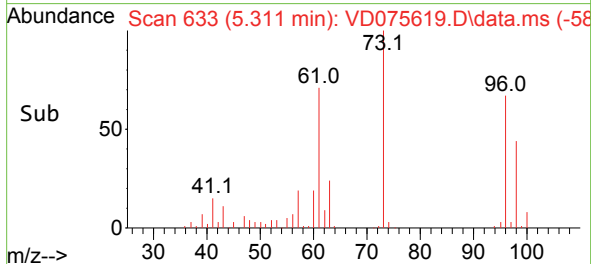
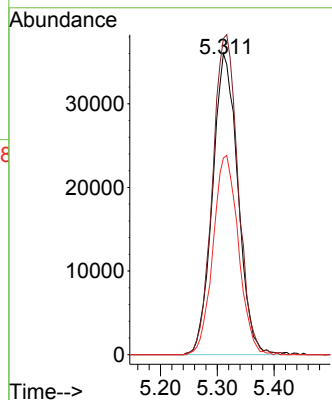
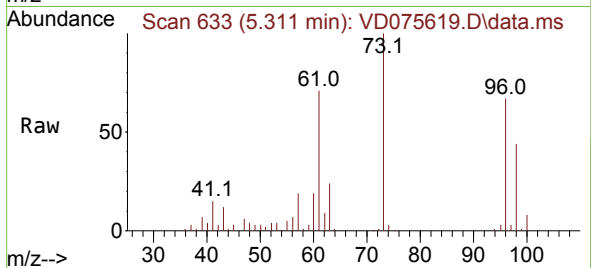




#21
trans-1,2-Dichloroethene
Concen: 48.073 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

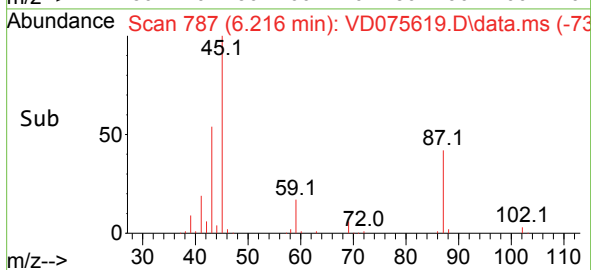
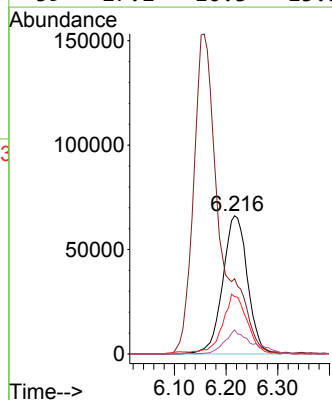
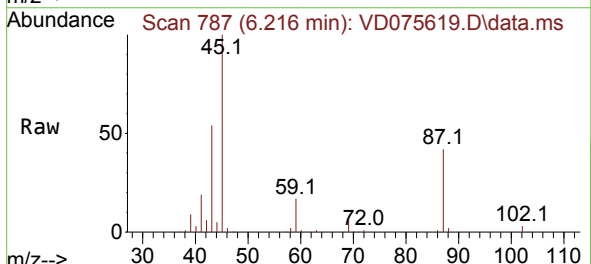
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

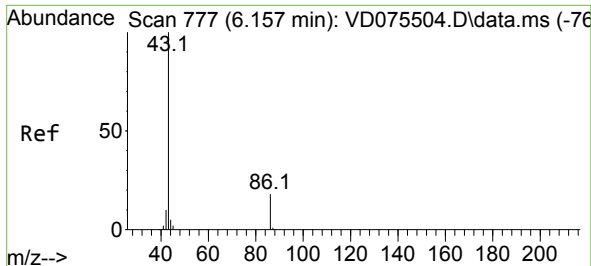
Tgt Ion: 96 Resp: 111669
Ion Ratio Lower Upper
96 100
61 105.0 117.2 175.8#
98 65.3 50.6 76.0



#22
Diisopropyl ether
Concen: 50.474 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 45 Resp: 219903
Ion Ratio Lower Upper
45 100
43 53.6 44.4 66.6
87 41.5 20.9 31.3#
59 17.1 10.3 15.5#

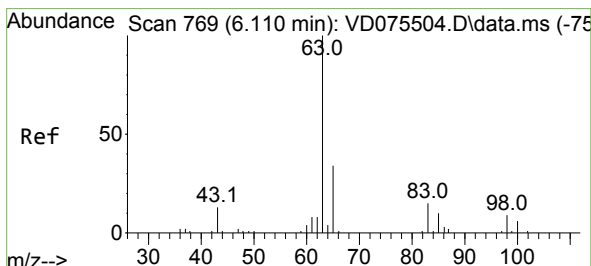
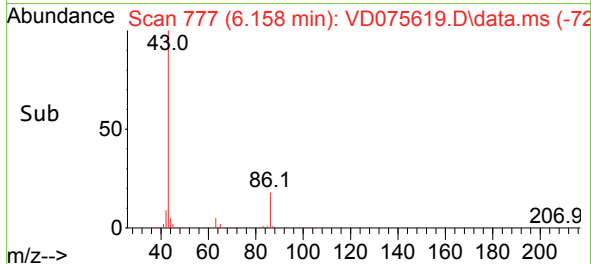
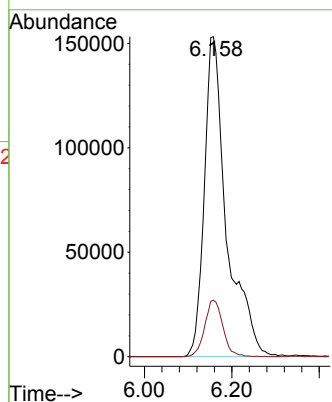
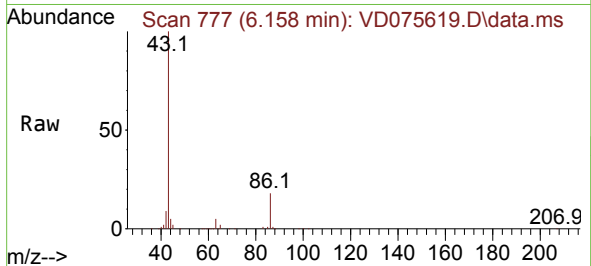




#23
 Vinyl Acetate
 Concen: 266.689 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VD075619.D
 Acq: 11 Apr 2023 12:14

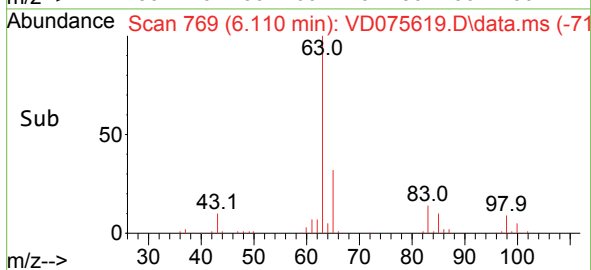
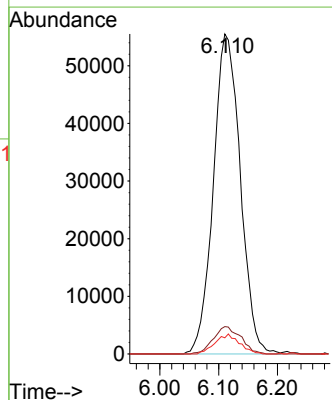
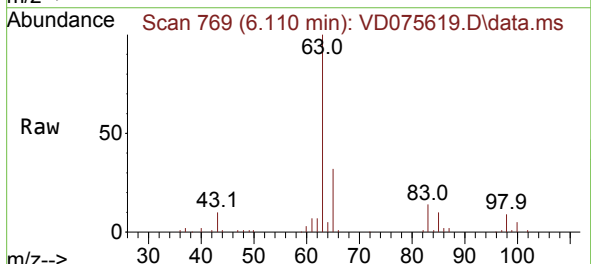
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041123

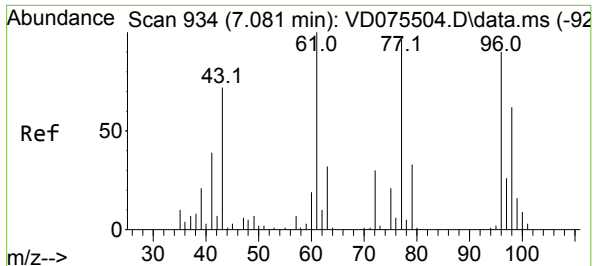
Tgt Ion: 43 Resp: 545335
 Ion Ratio Lower Upper
 43 100
 86 17.6 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 49.104 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD075619.D
 Acq: 11 Apr 2023 12:14

Tgt Ion: 63 Resp: 176666
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.7
 100 5.0 2.0 6.0

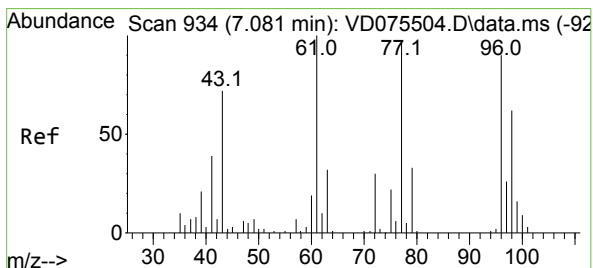
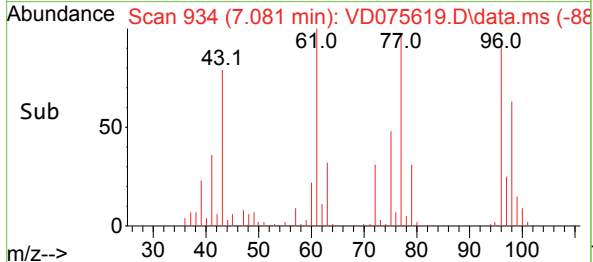
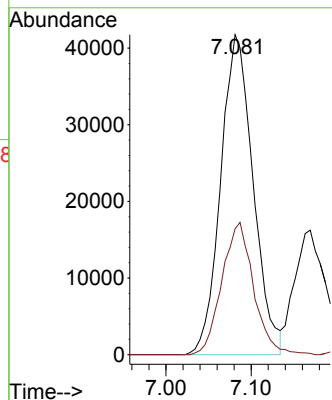
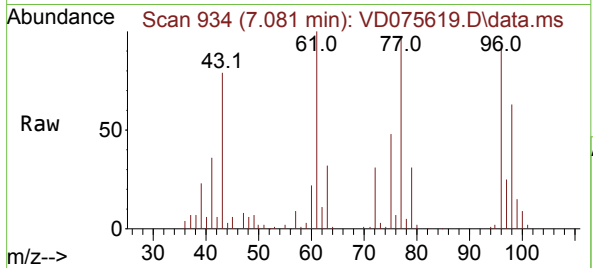




#25
2-Butanone
Concen: 268.471 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

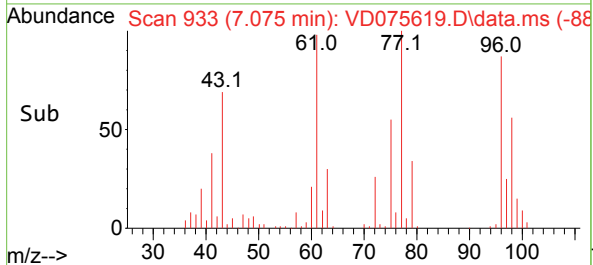
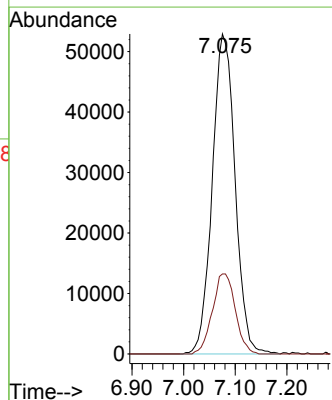
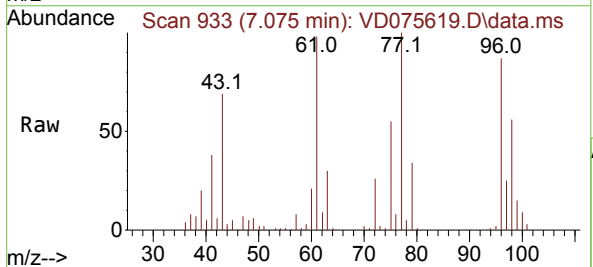
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

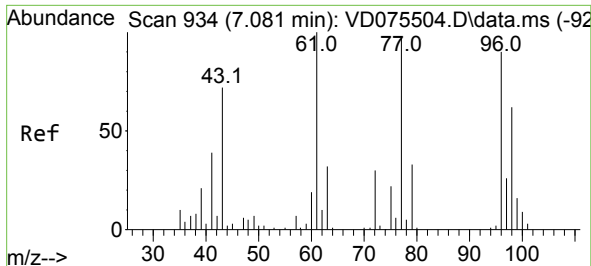
Tgt Ion: 43 Resp: 110565
Ion Ratio Lower Upper
43 100
72 39.3 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 49.118 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 77 Resp: 162112
Ion Ratio Lower Upper
77 100
97 25.1 11.1 33.1

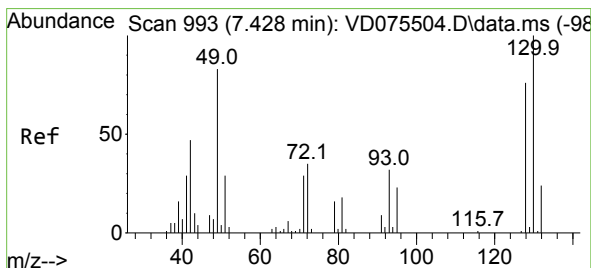
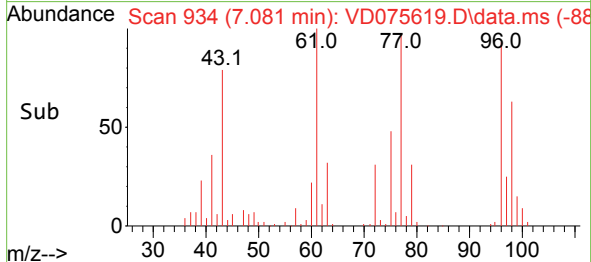
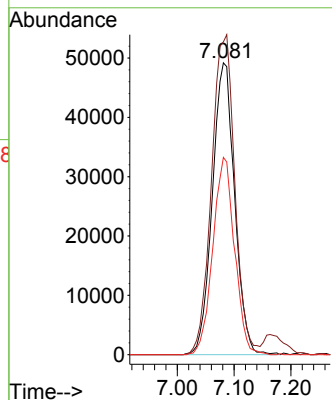
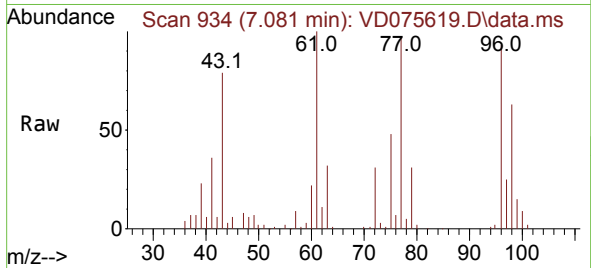




#27
 cis-1,2-Dichloroethene
 Concen: 49.076 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD075619.D
 Acq: 11 Apr 2023 12:14

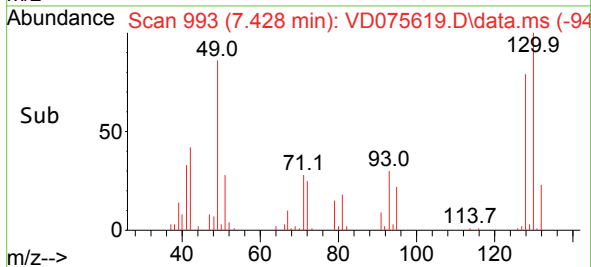
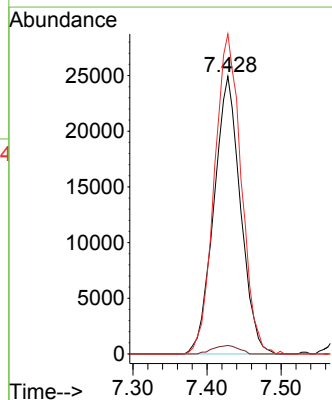
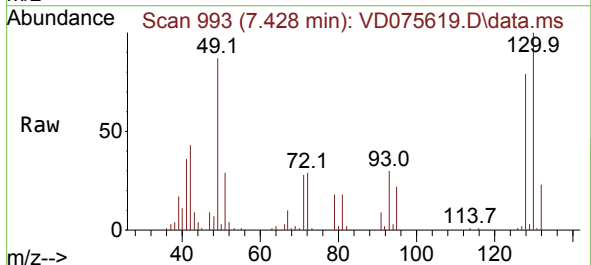
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041123

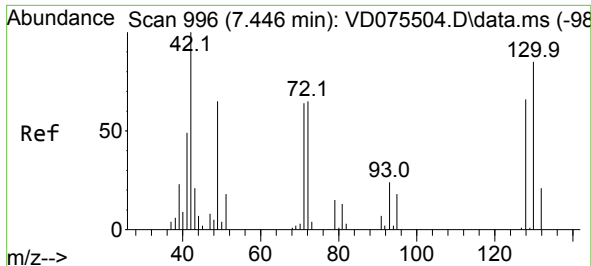
Tgt Ion: 96 Resp: 134226
 Ion Ratio Lower Upper
 96 100
 61 114.4 0.0 295.2
 98 65.8 0.0 129.2



#28
 Bromochloromethane
 Concen: 50.444 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD075619.D
 Acq: 11 Apr 2023 12:14

Tgt Ion: 49 Resp: 62010
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 2.2#
 130 116.3 56.0 84.0#





#29

Tetrahydrofuran

Concen: 268.052 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075619.D

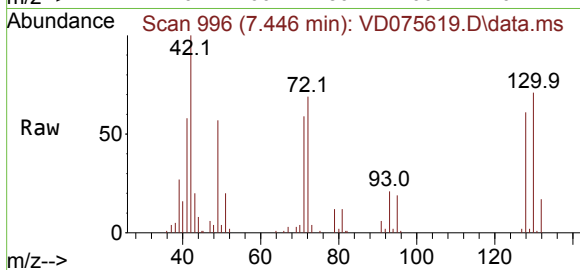
Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041123



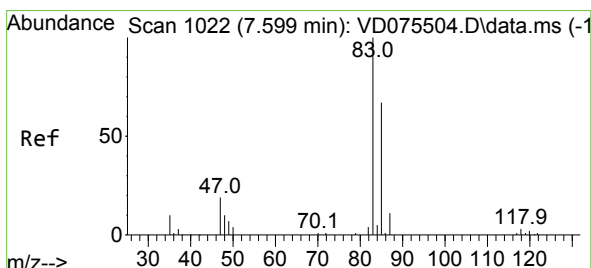
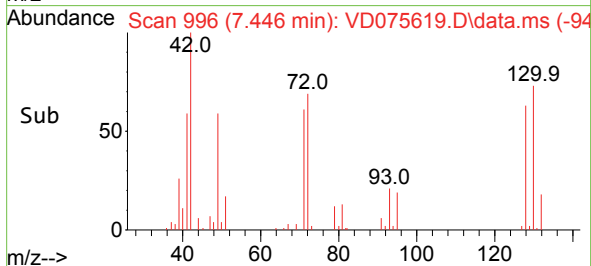
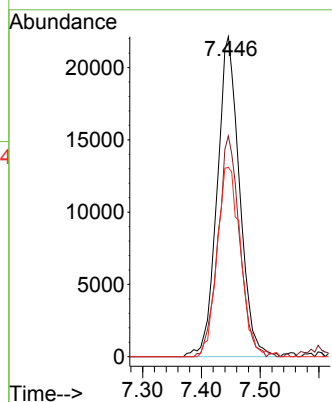
Tgt Ion: 42 Resp: 58459

Ion Ratio Lower Upper

42 100

72 67.0 31.8 47.6#

71 62.5 27.6 41.4#



#30

Chloroform

Concen: 49.699 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075619.D

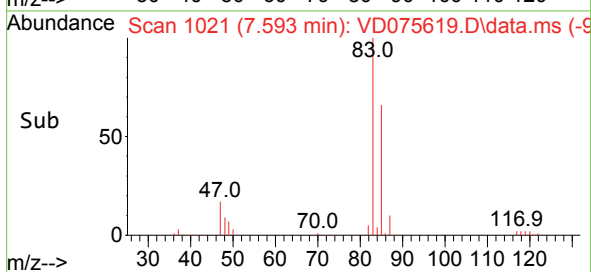
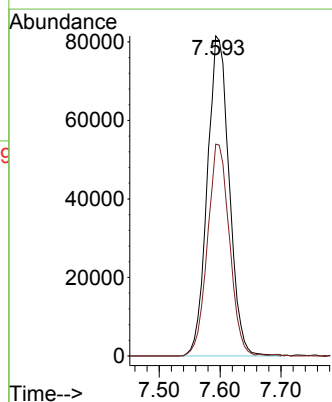
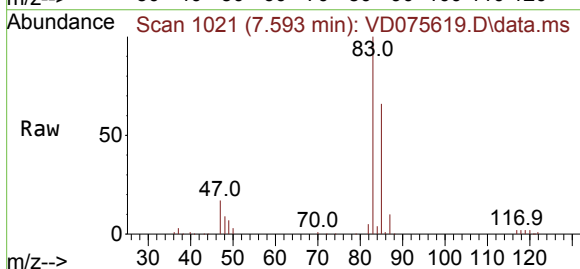
Acq: 11 Apr 2023 12:14

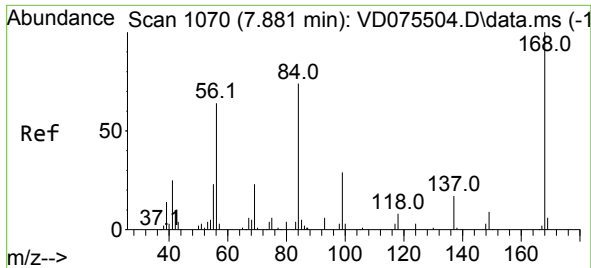
Tgt Ion: 83 Resp: 203416

Ion Ratio Lower Upper

83 100

85 66.2 49.4 74.2

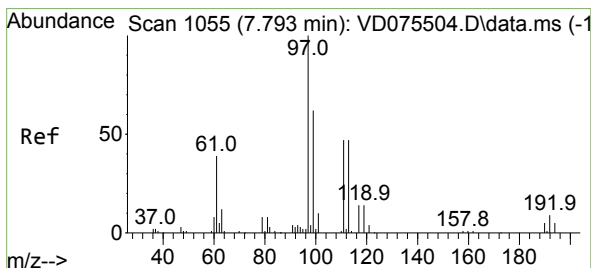
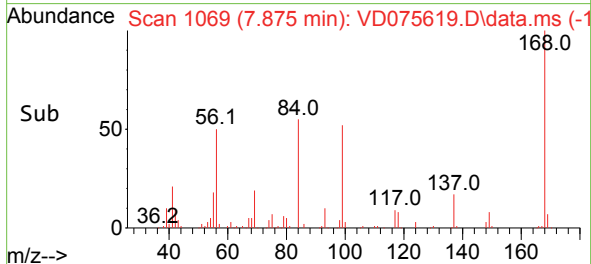
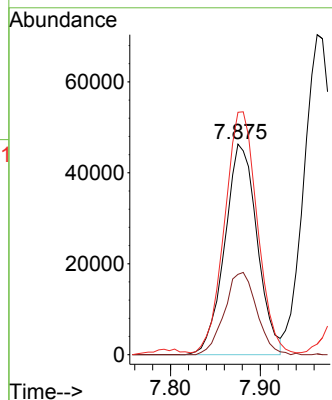
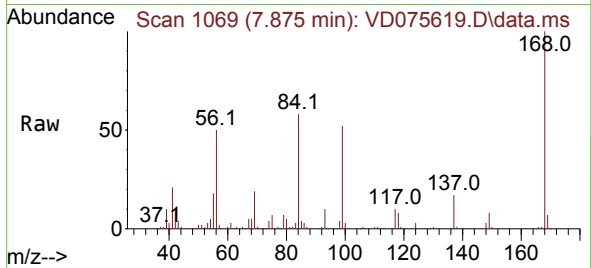




#31
Cyclohexane
Concen: 45.938 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

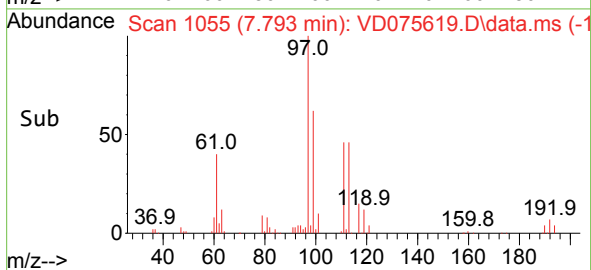
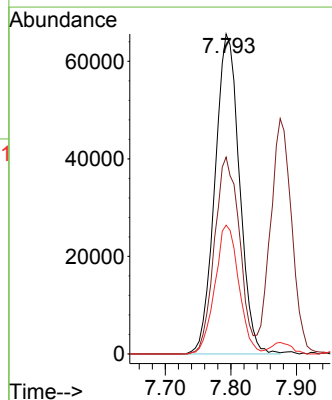
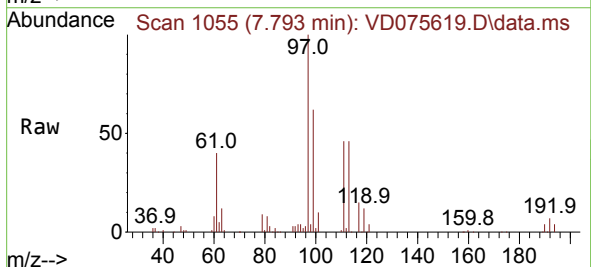
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

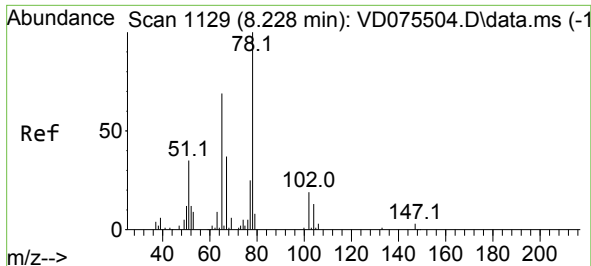
Tgt Ion: 56 Resp: 116397
Ion Ratio Lower Upper
56 100
69 38.2 25.5 38.3
84 113.8 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 49.982 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 97 Resp: 170248
Ion Ratio Lower Upper
97 100
99 62.6 50.5 75.7
61 39.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.390 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

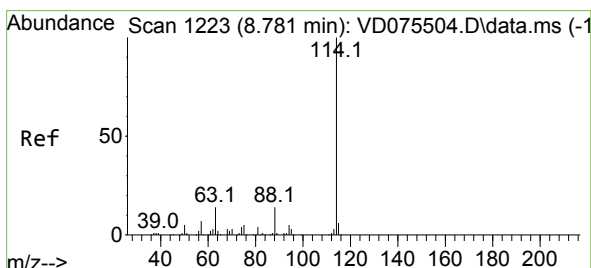
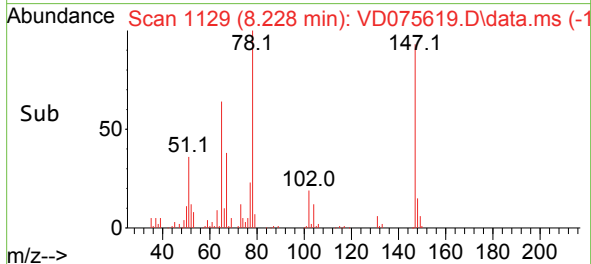
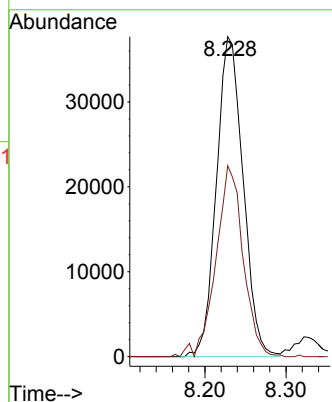
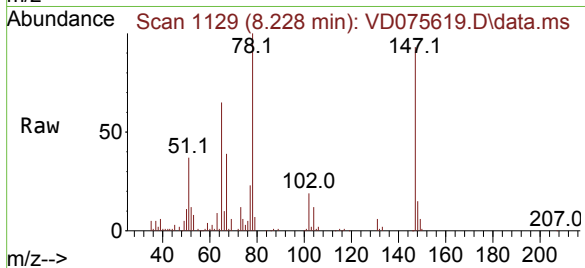
ICVVD041123

Tgt Ion: 65 Resp: 86018

Ion Ratio Lower Upper

65 100

67 60.9 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

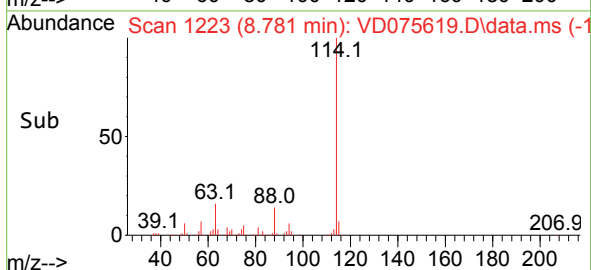
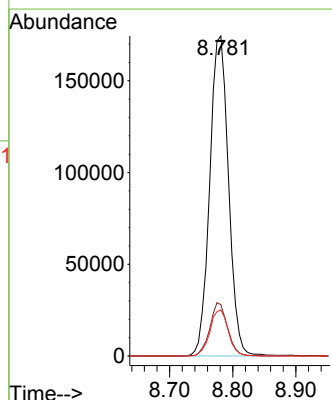
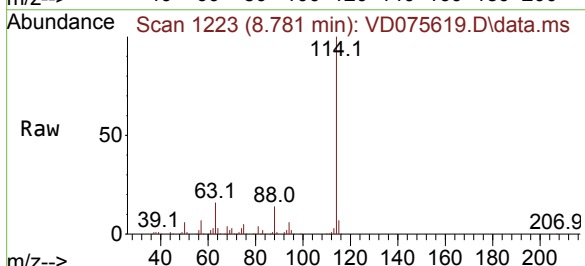
Tgt Ion: 114 Resp: 360872

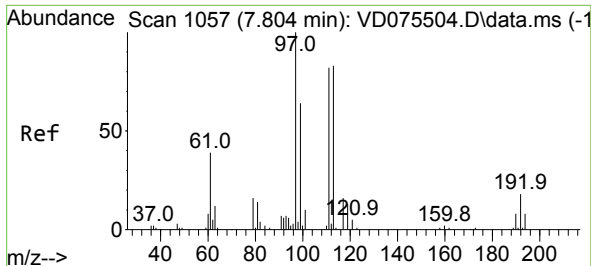
Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.6

88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.498 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041123

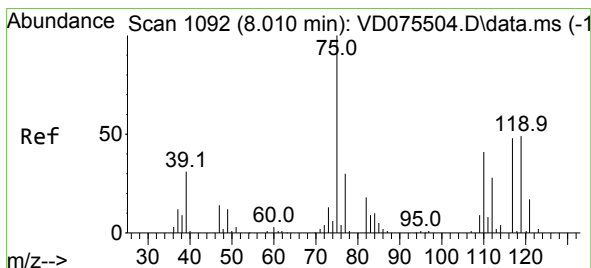
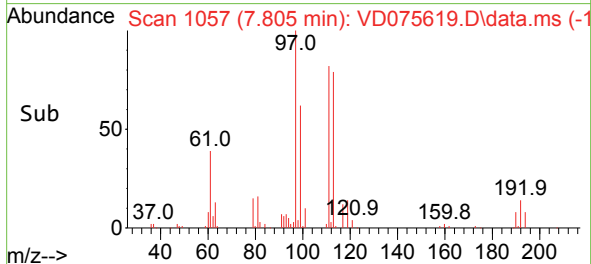
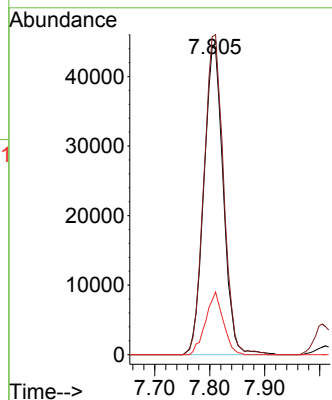
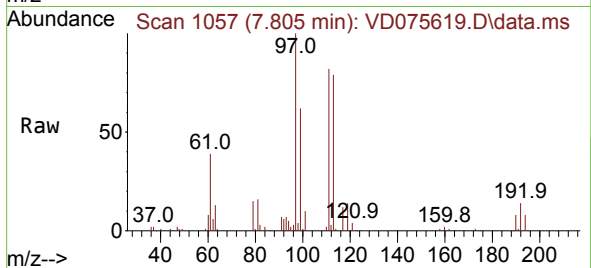
Tgt Ion:113 Resp: 108915

Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 18.4 15.2 22.8



#36

1,1-Dichloropropene

Concen: 51.485 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

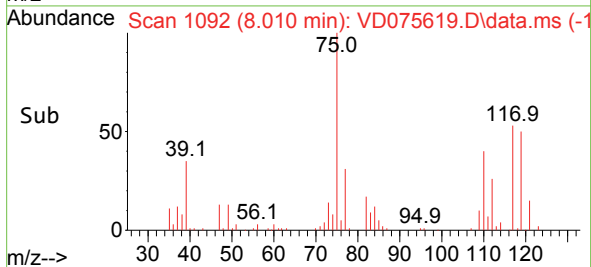
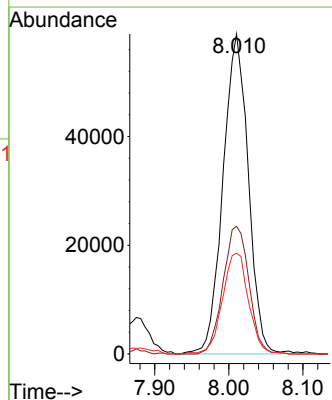
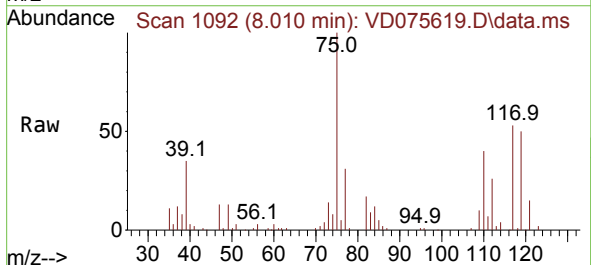
Tgt Ion: 75 Resp: 139062

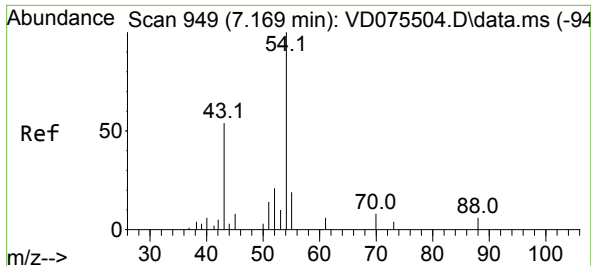
Ion Ratio Lower Upper

75 100

110 40.9 17.1 51.2

77 32.5 24.6 36.8





#37

Ethyl Acetate

Concen: 53.867 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

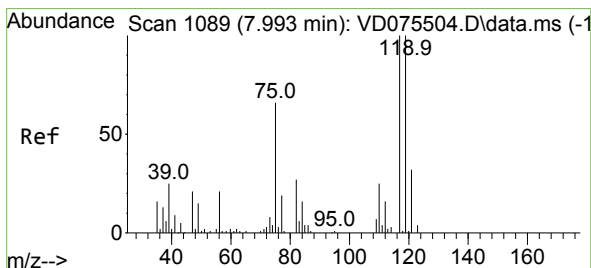
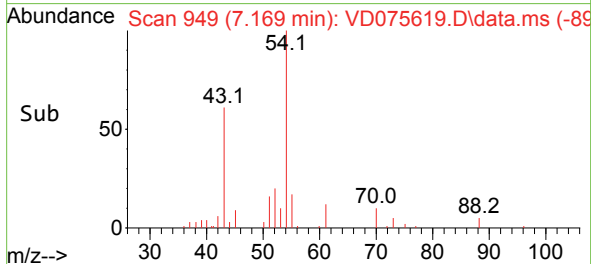
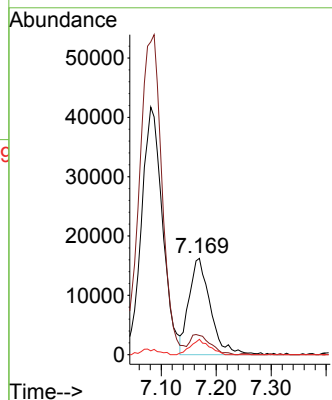
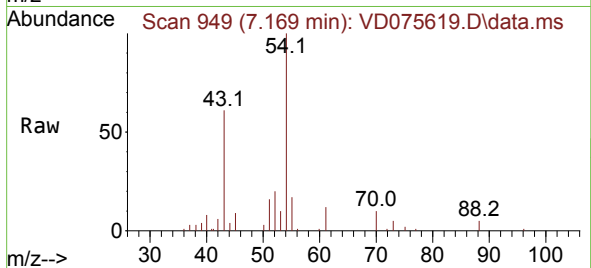
Instrument :

MSVOA_D

ClientSampleId :

ICVVD041123

Tgt Ion:	43	Resp:	43744
Ion	Ratio	Lower	Upper
43	100		
61	19.7	0.0	0.0#
70	13.9	5.6	8.4#



#38

Carbon Tetrachloride

Concen: 52.221 ug/l

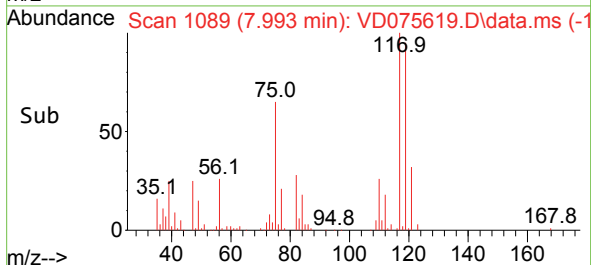
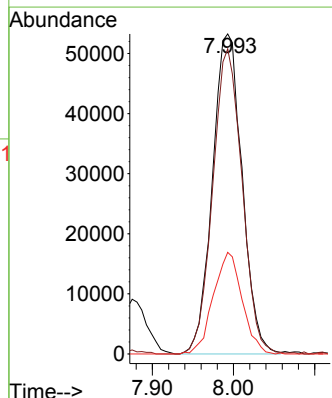
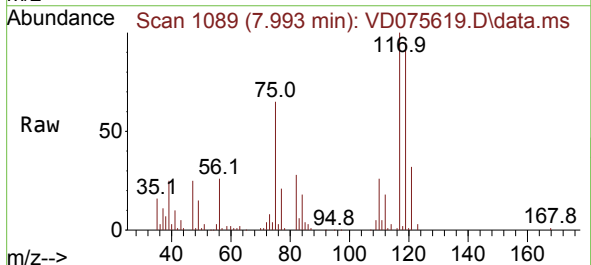
RT: 7.993 min Scan# 1089

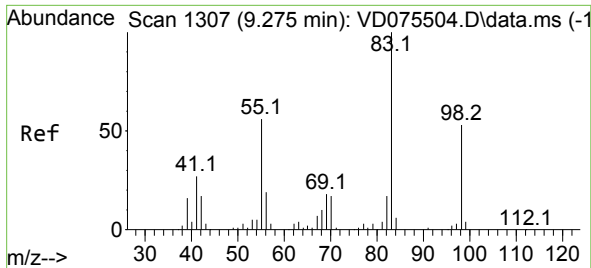
Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Tgt Ion:	117	Resp:	135264
Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.7	112.1
121	31.8	25.9	38.9

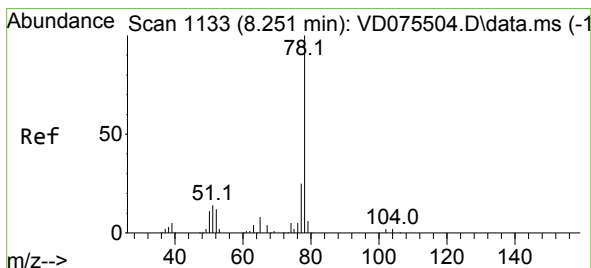
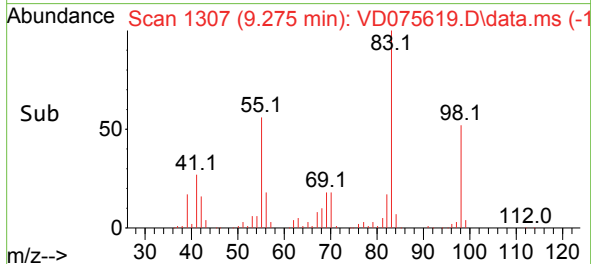
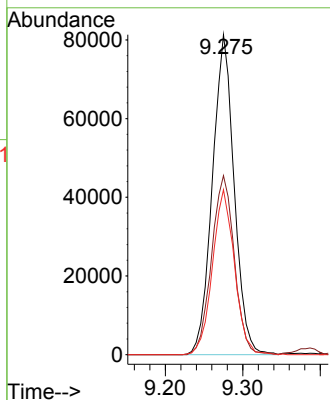
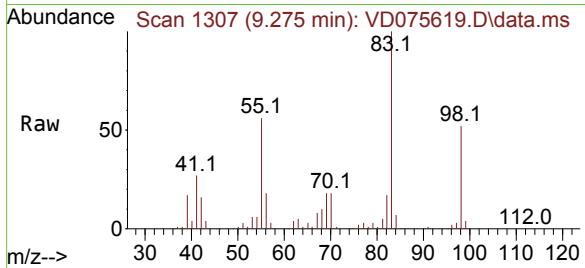




#39
Methylcyclohexane
Concen: 49.359 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

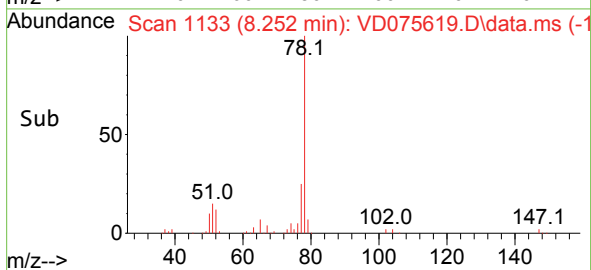
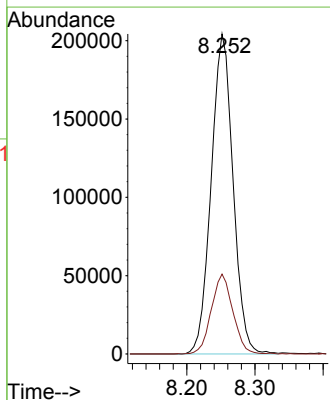
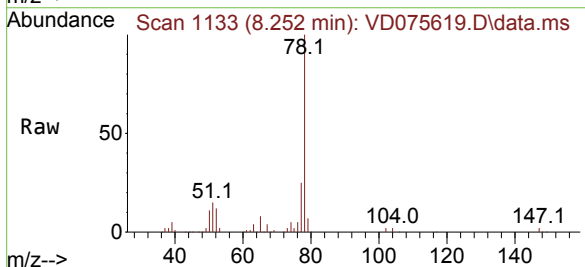
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

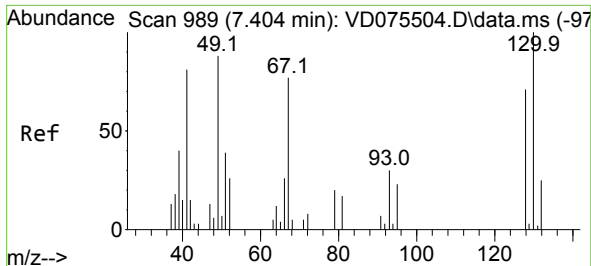
Tgt Ion: 83 Resp: 158752
Ion Ratio Lower Upper
83 100
55 55.9 56.8 85.2#
98 51.6 38.9 58.3



#40
Benzene
Concen: 52.435 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

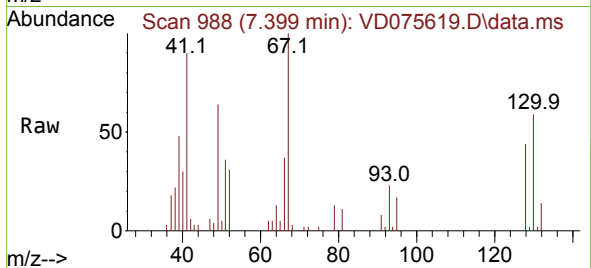
Tgt Ion: 78 Resp: 456364
Ion Ratio Lower Upper
78 100
77 24.9 19.1 28.7



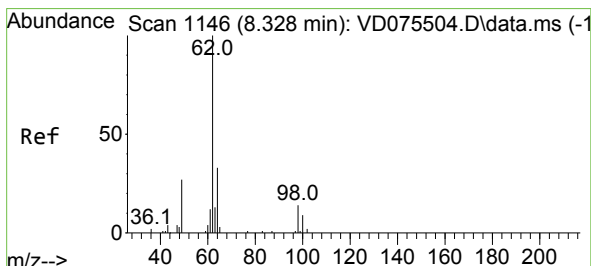
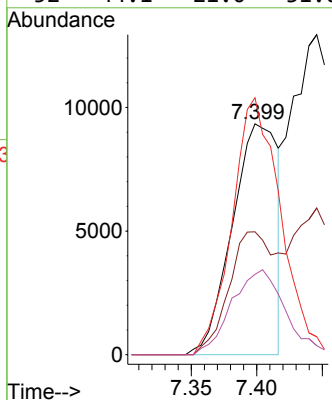
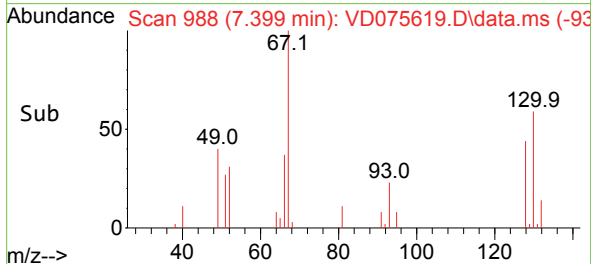


#41
Methacrylonitrile
Concen: 50.526 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

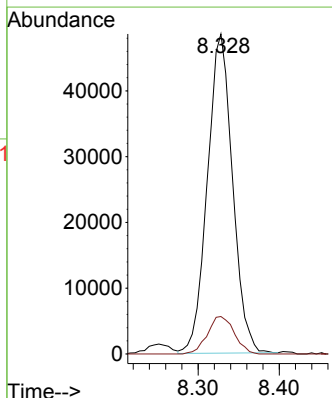
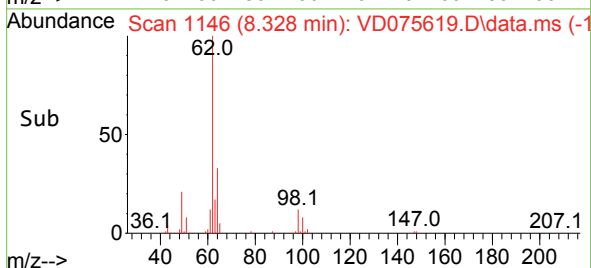
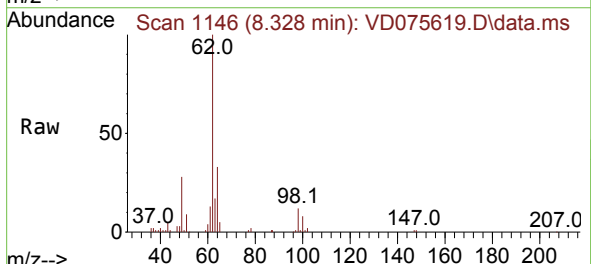


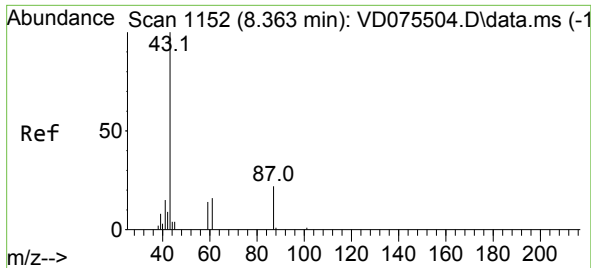
Tgt Ion: 41 Resp: 22470
Ion Ratio Lower Upper
41 100
39 60.3 45.3 67.9
67 119.2 50.5 75.7#
52 44.1 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 51.681 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 62 Resp: 104511
Ion Ratio Lower Upper
62 100
98 12.5 0.0 18.8

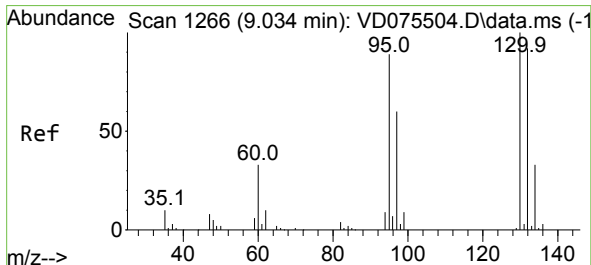
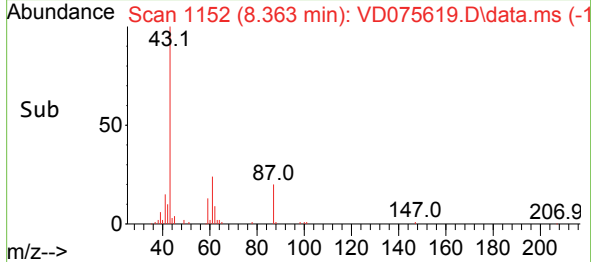
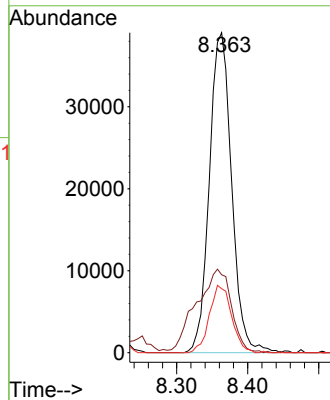
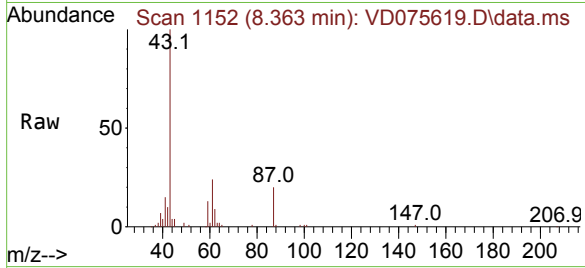




#43
Isopropyl Acetate
Concen: 54.861 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

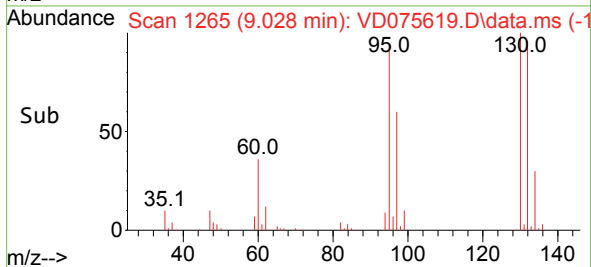
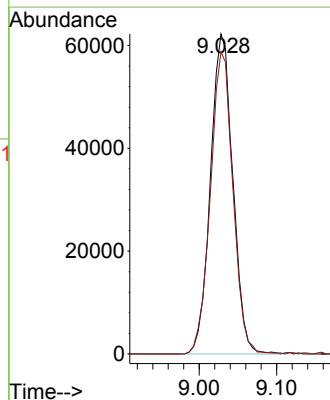
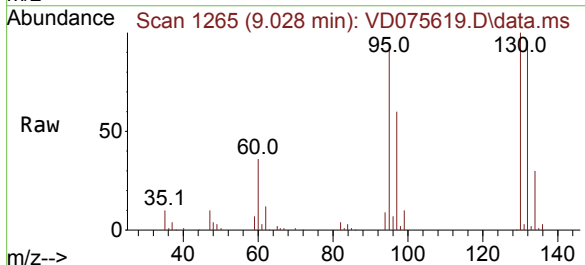
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

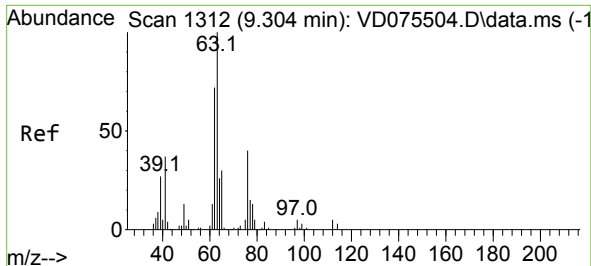
Tgt Ion: 43 Resp: 85047
Ion Ratio Lower Upper
43 100
61 40.9 23.4 35.0#
87 21.0 9.5 14.3#



#44
Trichloroethene
Concen: 48.945 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion:130 Resp: 124774
Ion Ratio Lower Upper
130 100
95 94.4 0.0 197.6





#45

1,2-Dichloropropane

Concen: 50.364 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

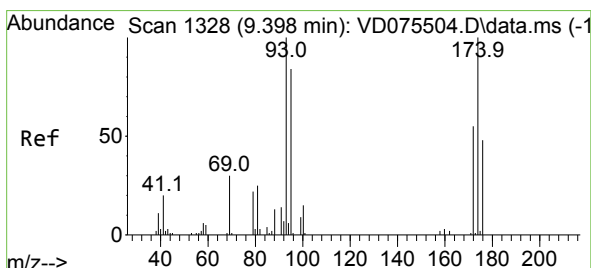
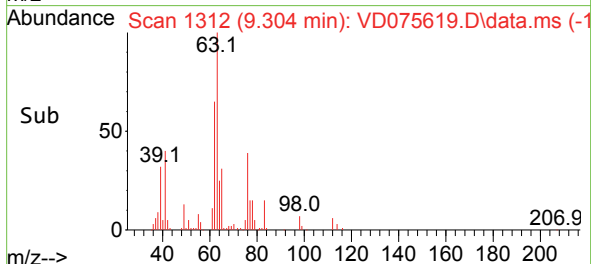
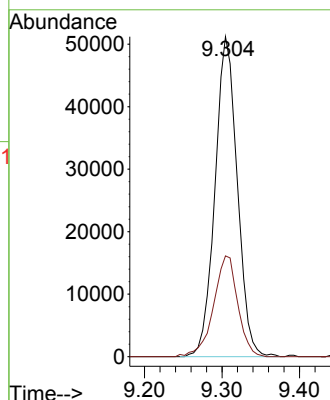
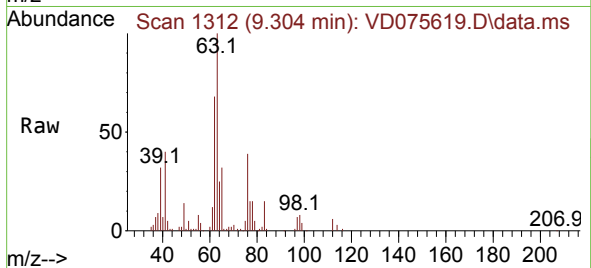
ICVVD041123

Tgt Ion: 63 Resp: 102254

Ion Ratio Lower Upper

63 100

65 31.5 23.0 34.4



#46

Dibromomethane

Concen: 51.897 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

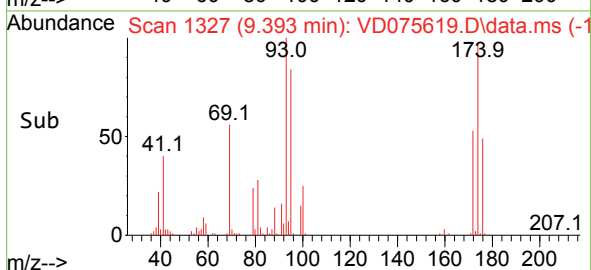
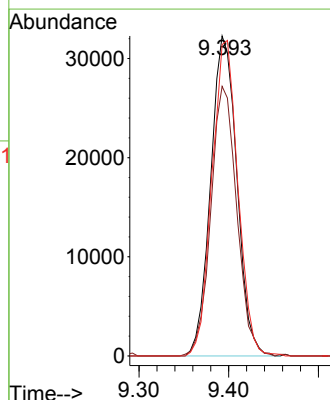
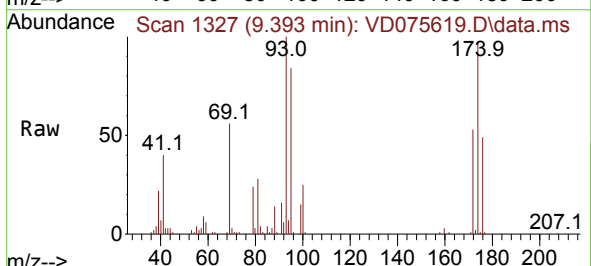
Tgt Ion: 93 Resp: 65422

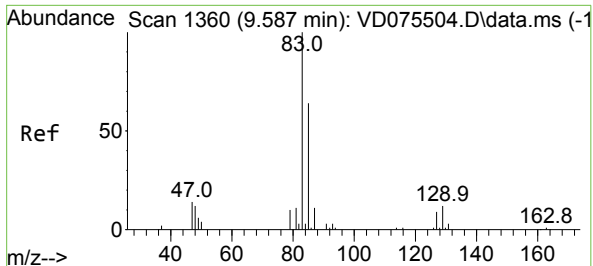
Ion Ratio Lower Upper

93 100

95 83.3 64.5 96.7

174 97.8 76.2 114.4

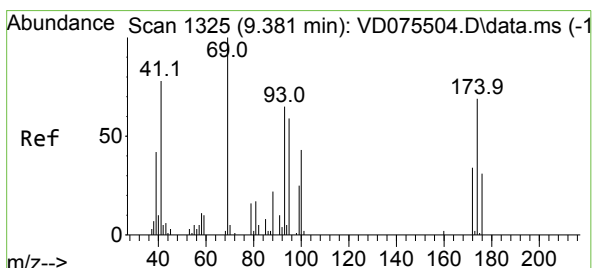
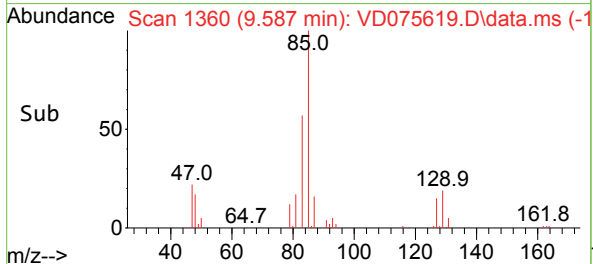
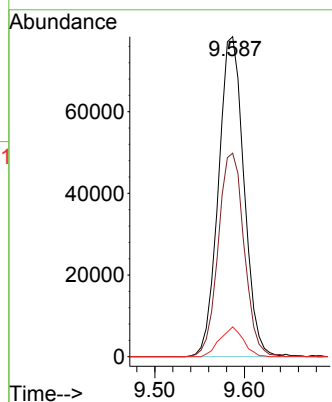
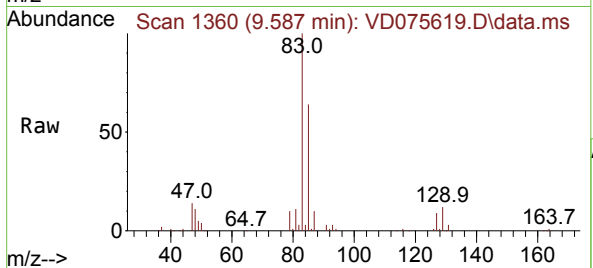




#47
Bromodichloromethane
Concen: 50.668 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

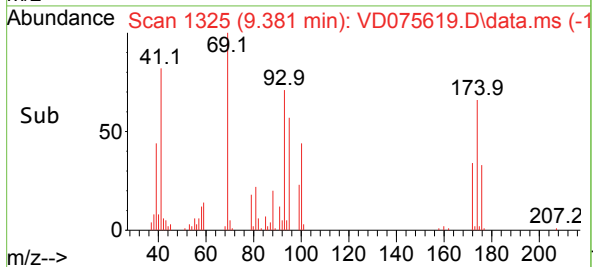
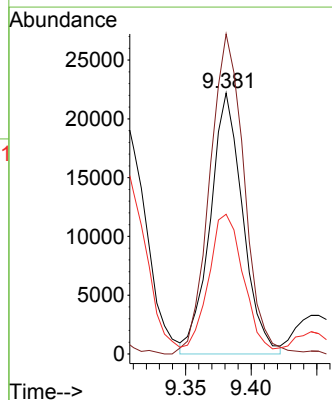
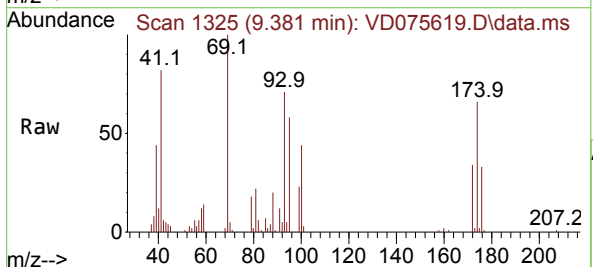
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

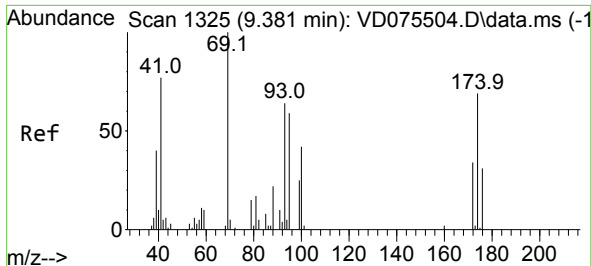
Tgt Ion: 83 Resp: 154460
Ion Ratio Lower Upper
83 100
85 63.6 53.7 80.5
127 9.3 7.0 10.6



#48
Methyl methacrylate
Concen: 54.648 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 41 Resp: 38392
Ion Ratio Lower Upper
41 100
69 129.7 58.6 88.0#
39 58.0 53.4 80.0





#49

1,4-Dioxane

Concen: 1174.736 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041123

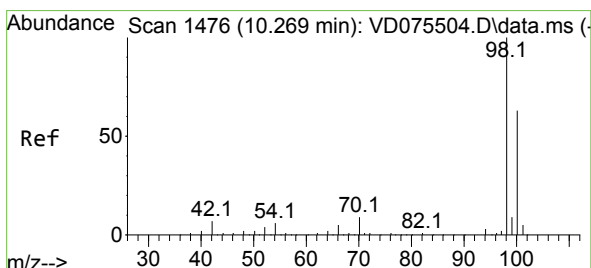
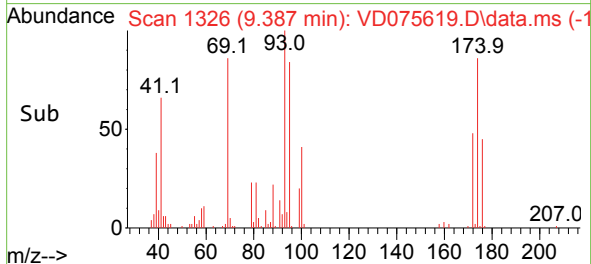
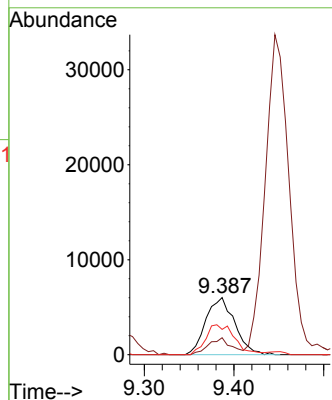
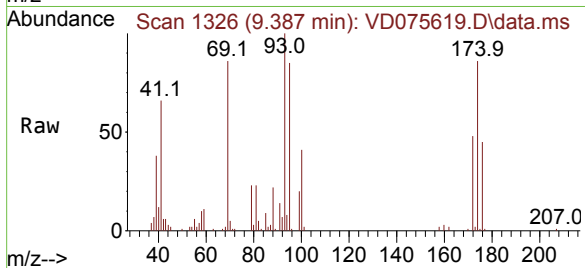
Tgt Ion: 88 Resp: 13424

Ion Ratio Lower Upper

88 100

43 23.4 34.6 51.8#

58 52.8 58.0 87.0#



#50

Toluene-d8

Concen: 50.968 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075619.D

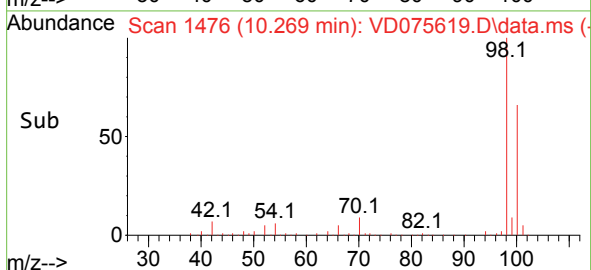
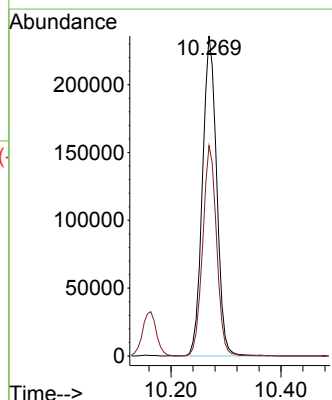
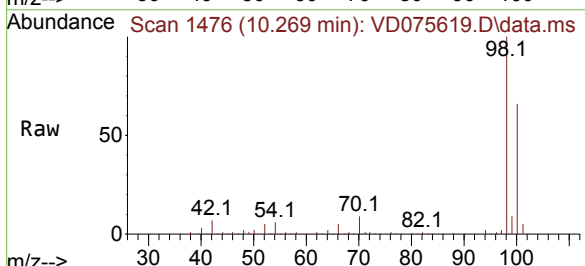
Acq: 11 Apr 2023 12:14

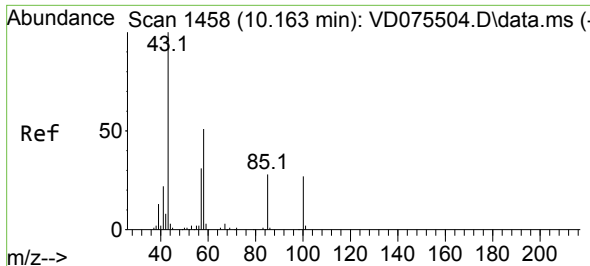
Tgt Ion: 98 Resp: 422808

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1

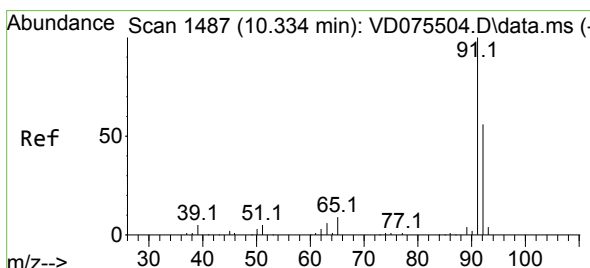
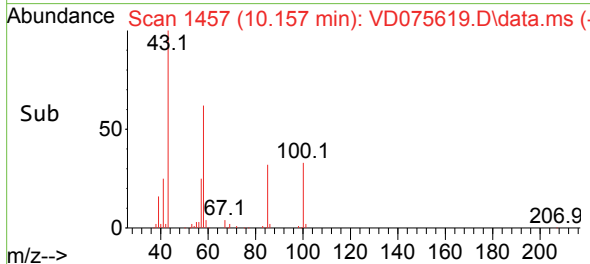
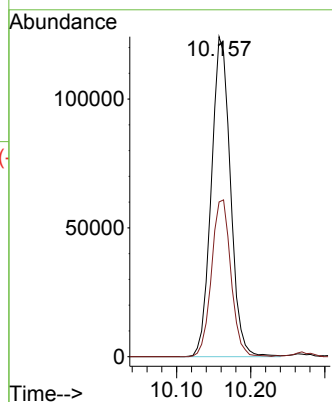
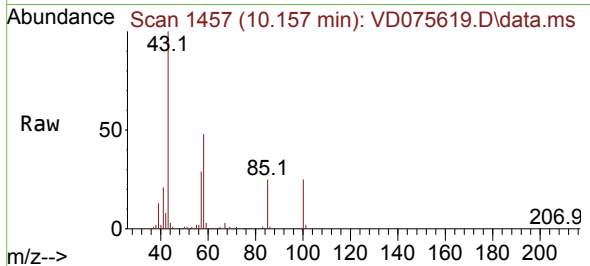




#51
4-Methyl-2-Pentanone
Concen: 266.633 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

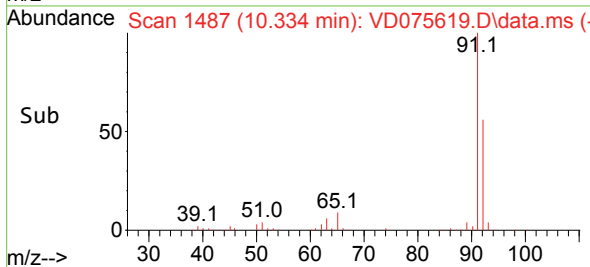
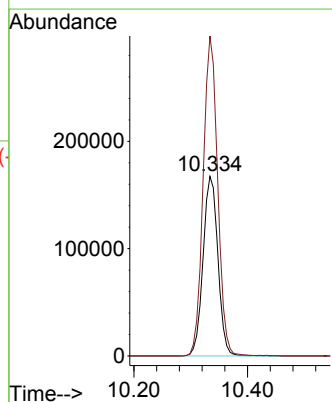
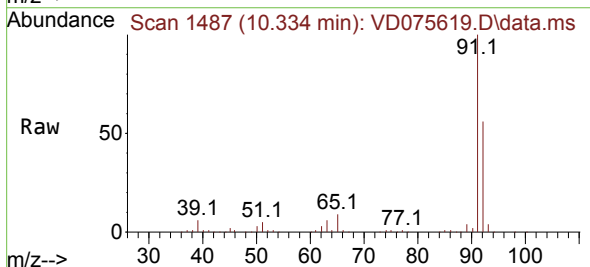
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

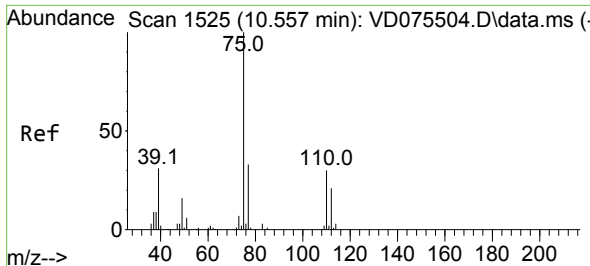
Tgt Ion: 43 Resp: 222508
Ion Ratio Lower Upper
43 100
58 49.8 29.5 44.3#



#52
Toluene
Concen: 51.479 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 92 Resp: 302607
Ion Ratio Lower Upper
92 100
91 174.2 136.5 204.7

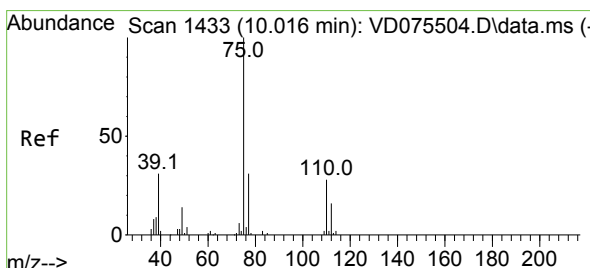
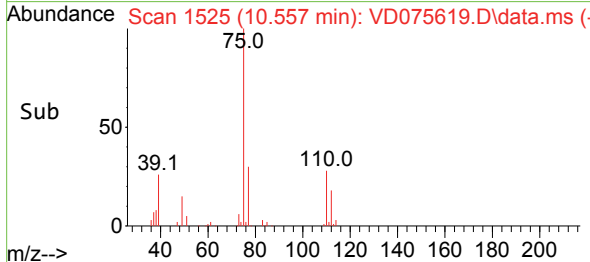
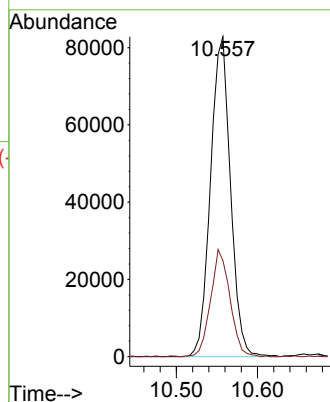
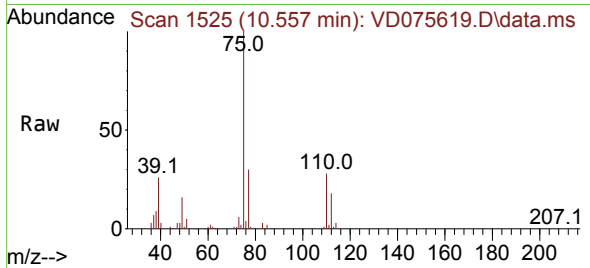




#53
 t-1,3-Dichloropropene
 Concen: 51.245 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. -0.000 min
 Lab File: VD075619.D
 Acq: 11 Apr 2023 12:14

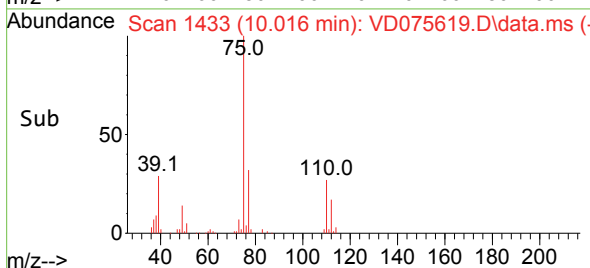
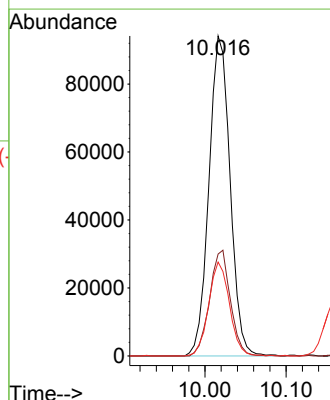
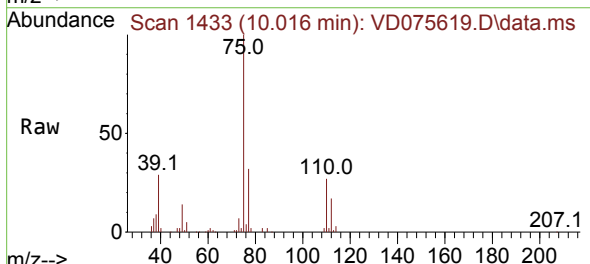
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041123

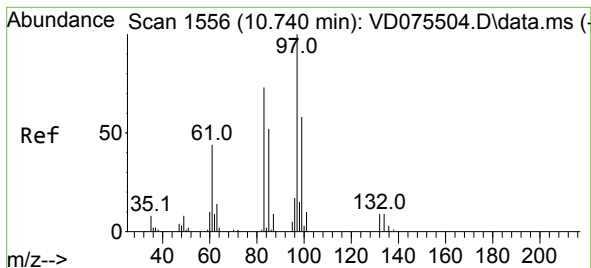
Tgt Ion: 75 Resp: 141602
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 50.688 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075619.D
 Acq: 11 Apr 2023 12:14

Tgt Ion: 75 Resp: 170302
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4
 39 29.4 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 50.795 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041123

Tgt Ion: 97 Resp: 94427

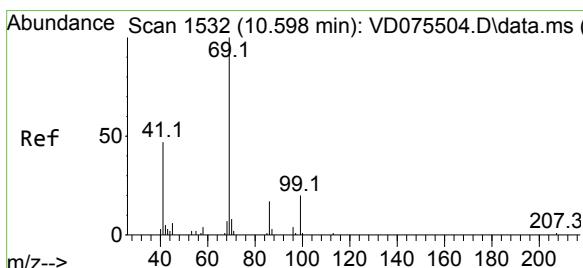
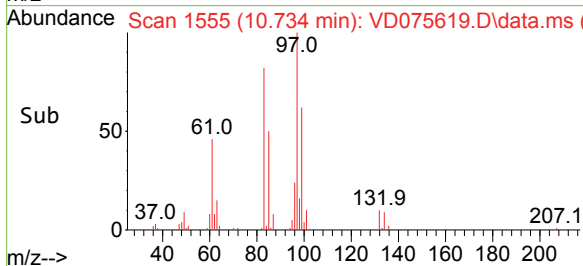
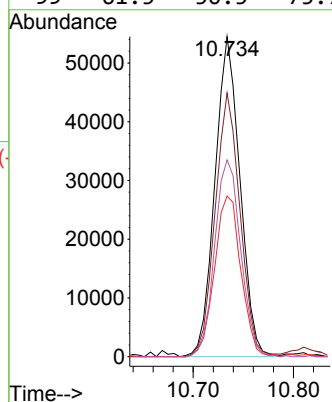
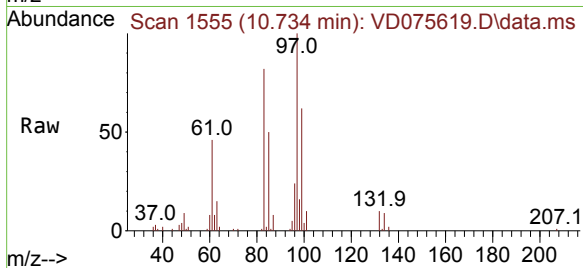
Ion Ratio Lower Upper

97 100

83 82.4 74.2 111.4

85 50.2 45.4 68.0

99 61.5 50.5 75.7



#56

Ethyl methacrylate

Concen: 52.281 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

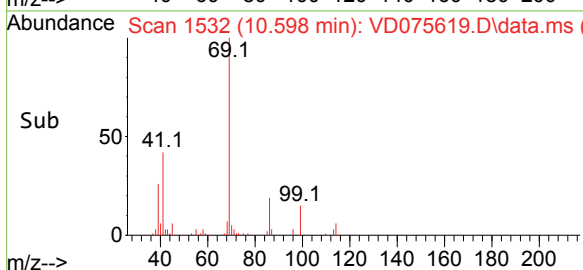
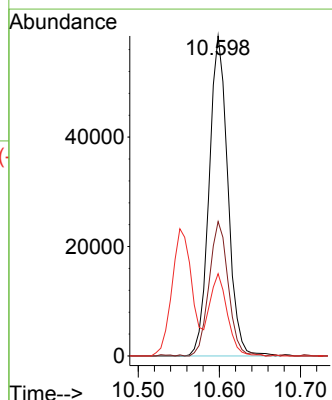
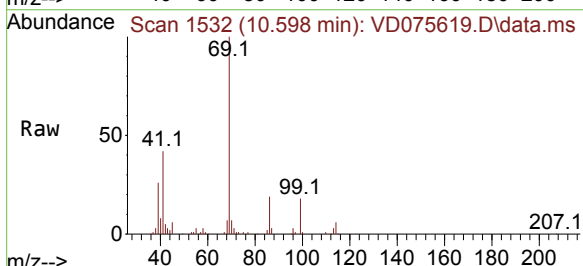
Tgt Ion: 69 Resp: 93677

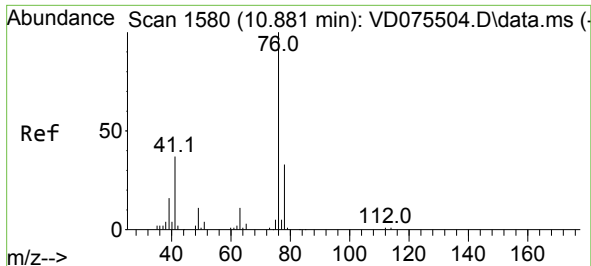
Ion Ratio Lower Upper

69 100

41 43.0 59.3 88.9#

39 23.8 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 50.978 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

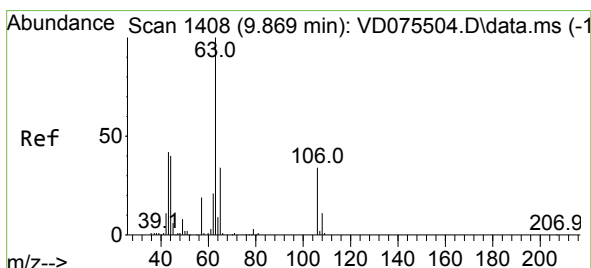
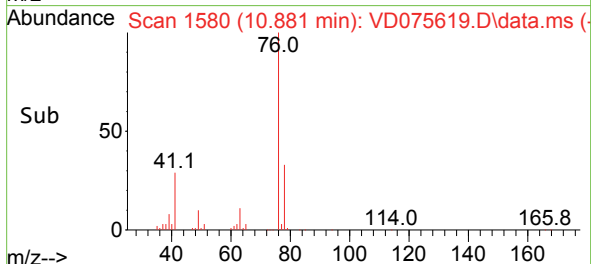
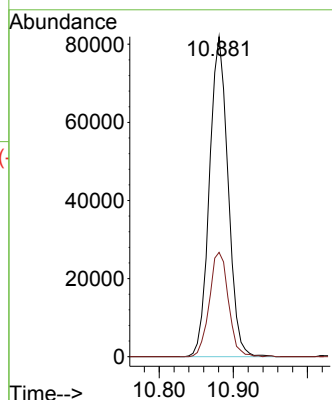
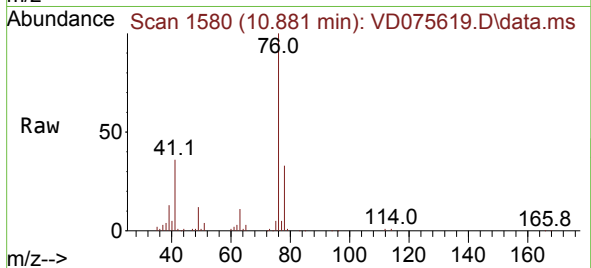
ICVVD041123

Tgt Ion: 76 Resp: 142691

Ion Ratio Lower Upper

76 100

78 33.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 259.322 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075619.D

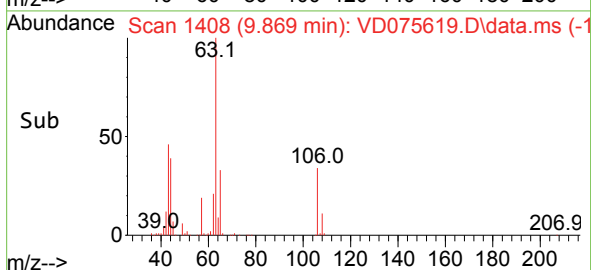
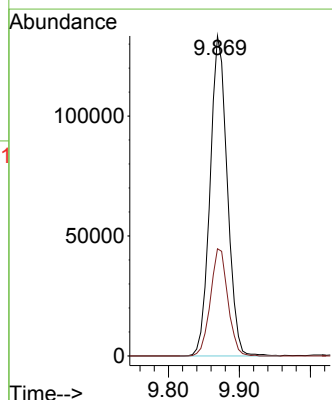
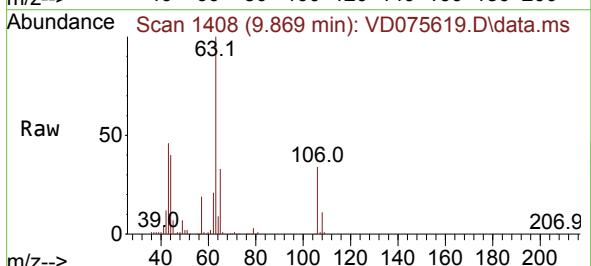
Acq: 11 Apr 2023 12:14

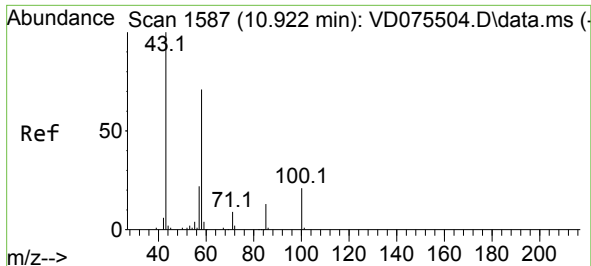
Tgt Ion: 63 Resp: 224655

Ion Ratio Lower Upper

63 100

106 33.9 21.4 32.2#

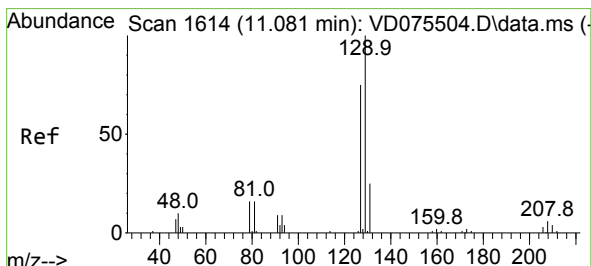
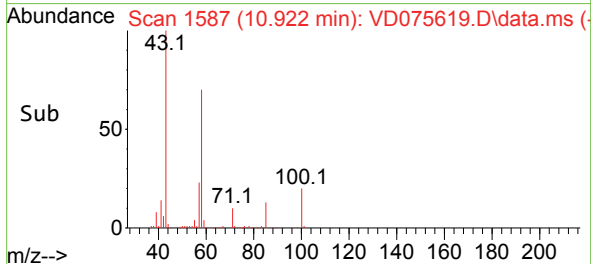
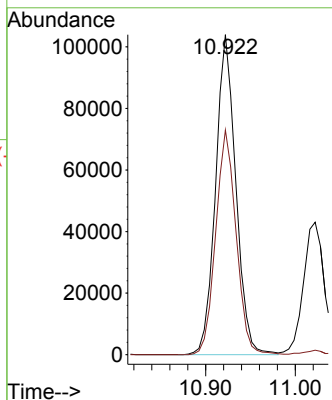
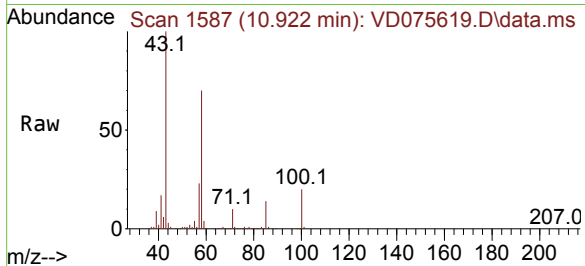




#59
2-Hexanone
Concen: 277.205 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

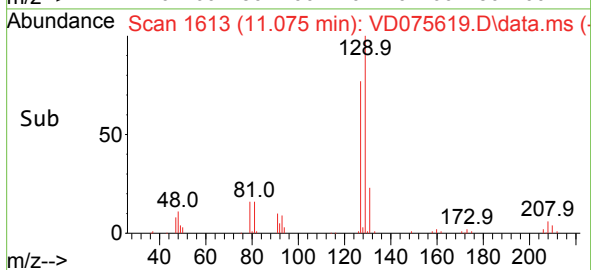
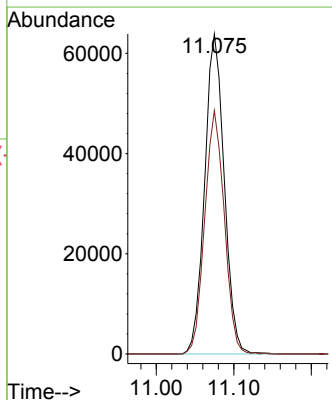
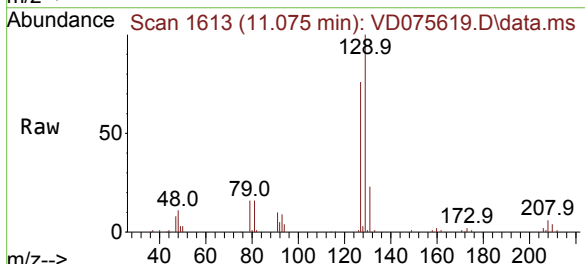
Instrument : MSVOA_D
ClientSampleId : ICVVD041123

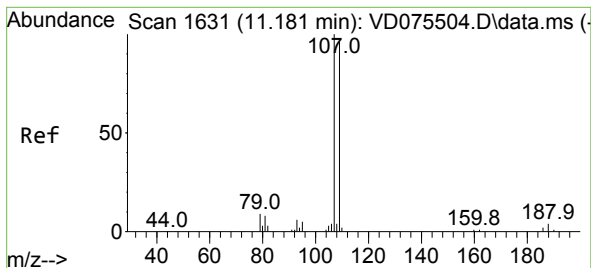
Tgt Ion: 43 Resp: 162970
Ion Ratio Lower Upper
43 100
58 70.7 25.3 75.8



#60
Dibromochloromethane
Concen: 50.481 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 129 Resp: 112044
Ion Ratio Lower Upper
129 100
127 76.1 38.1 114.5





#61

1,2-Dibromoethane

Concen: 53.940 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

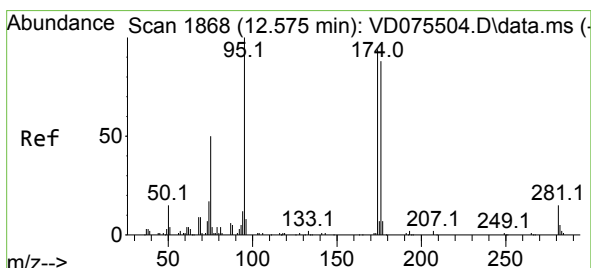
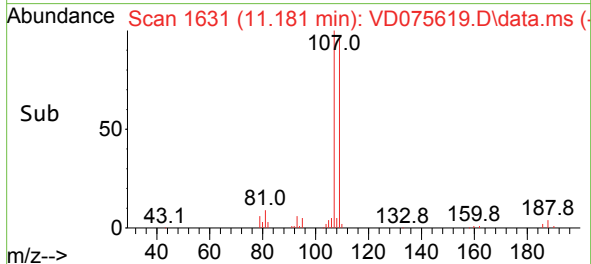
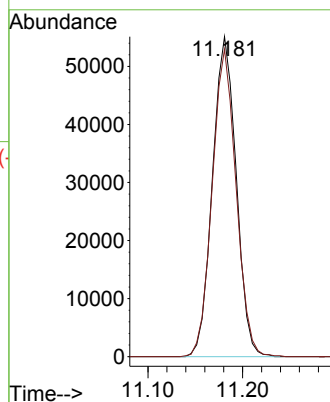
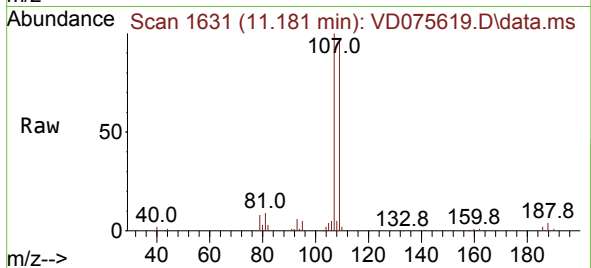
ICVVD041123

Tgt Ion:107 Resp: 95836

Ion Ratio Lower Upper

107 100

109 96.9 73.6 110.4



#62

4-Bromofluorobenzene

Concen: 49.677 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

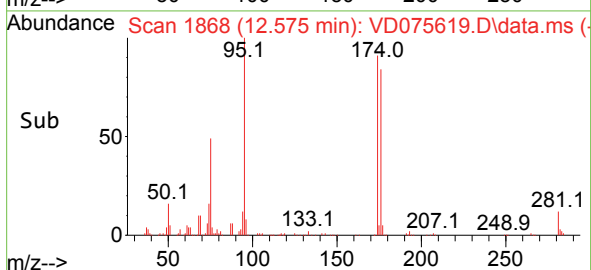
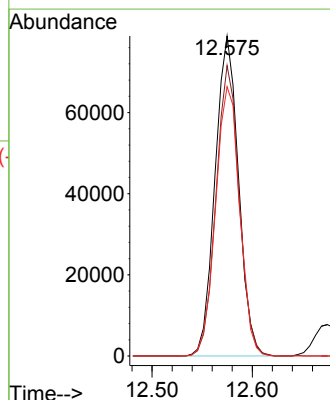
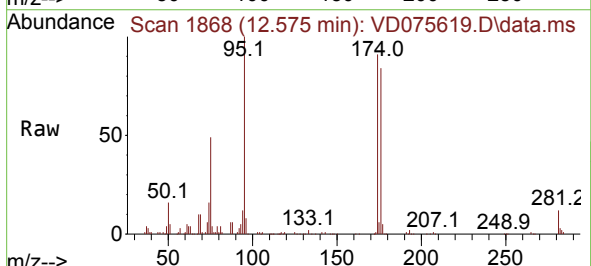
Tgt Ion: 95 Resp: 127996

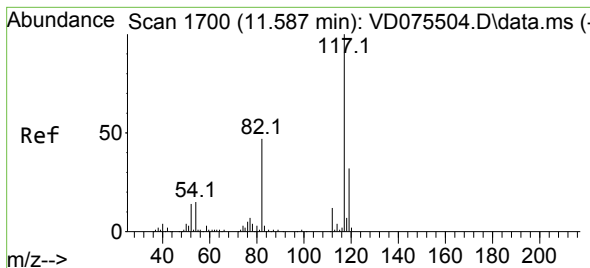
Ion Ratio Lower Upper

95 100

174 89.6 0.0 164.0

176 86.2 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041123

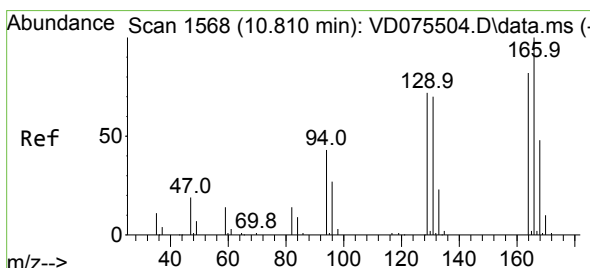
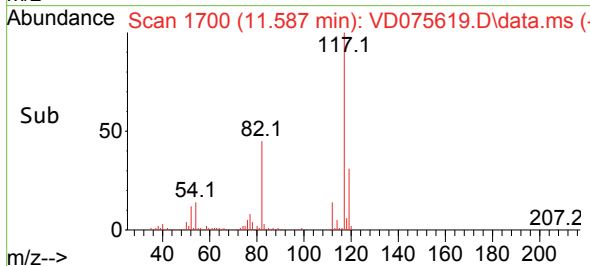
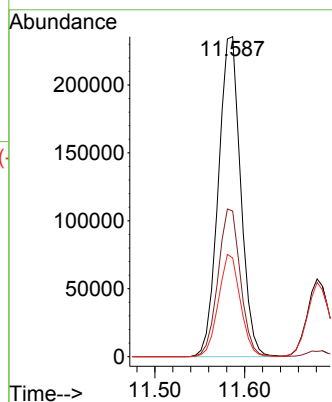
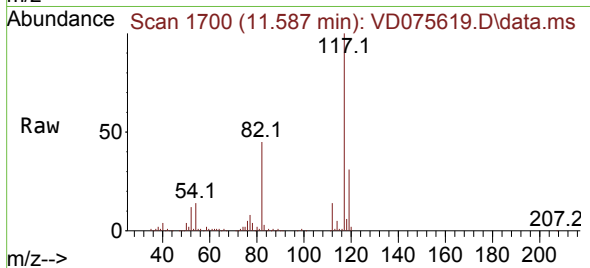
Tgt Ion:117 Resp: 406511

Ion Ratio Lower Upper

117 100

82 45.5 44.0 66.0

119 30.9 25.1 37.7



#64

Tetrachloroethene

Concen: 41.819 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Tgt Ion:164 Resp: 102249

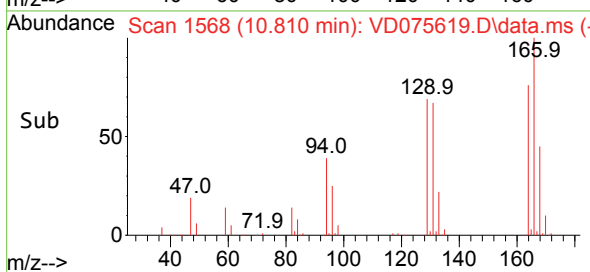
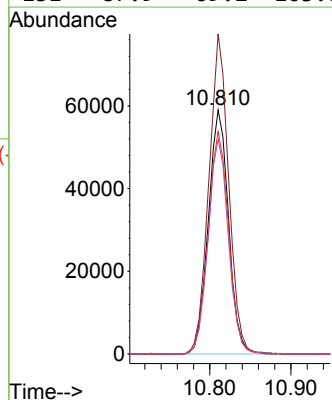
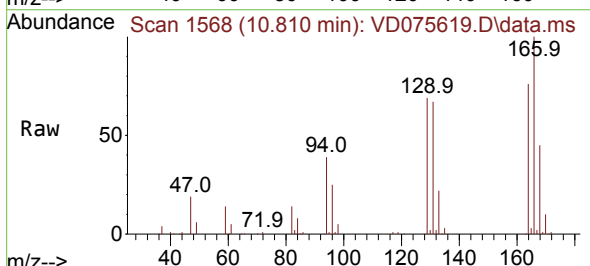
Ion Ratio Lower Upper

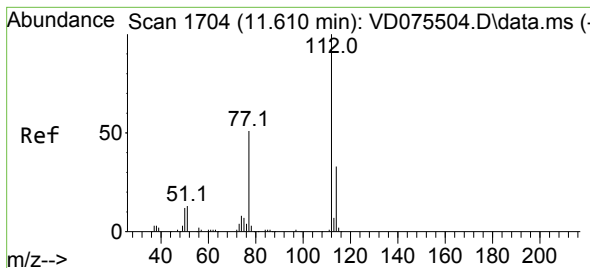
164 100

166 131.2 94.9 142.3

129 91.1 73.0 109.6

131 87.9 69.2 103.8





#65

Chlorobenzene

Concen: 47.944 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

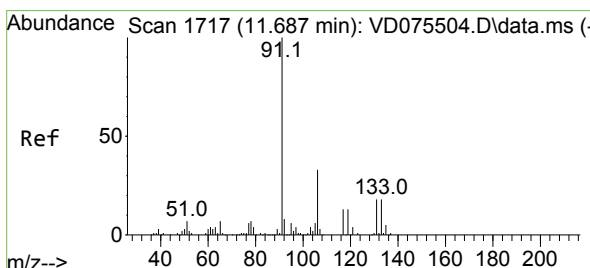
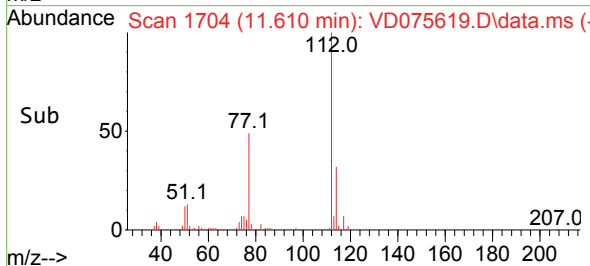
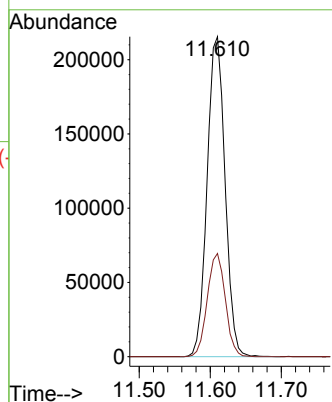
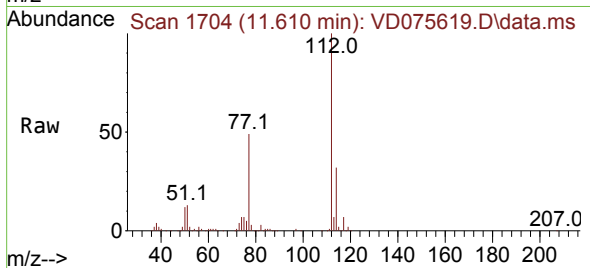
ICVVD041123

Tgt Ion:112 Resp: 378313

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 48.535 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

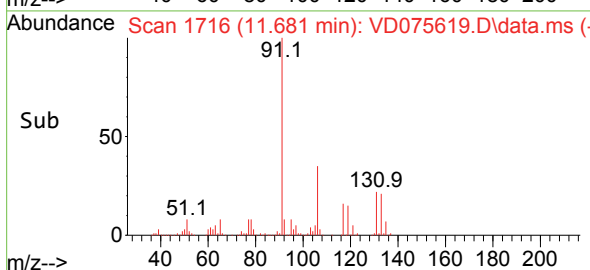
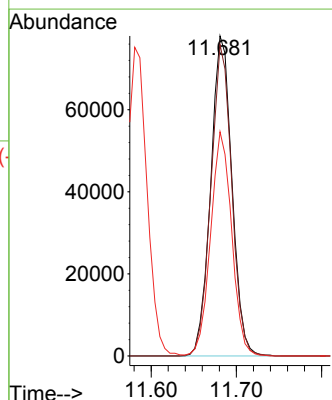
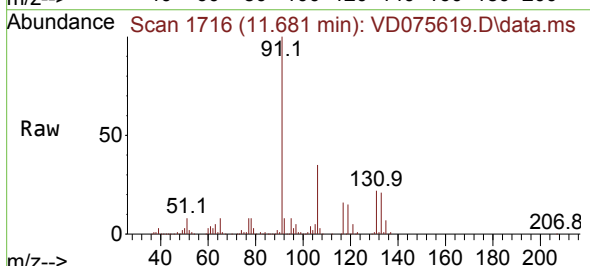
Tgt Ion:131 Resp: 135436

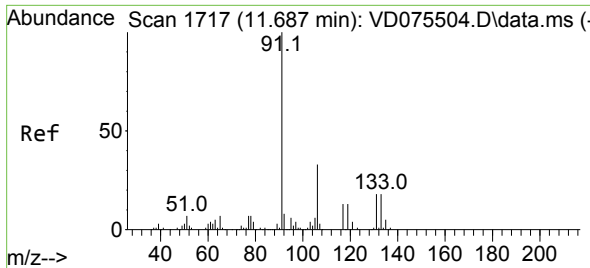
Ion Ratio Lower Upper

131 100

133 95.3 46.7 140.0

119 69.4 31.9 95.9

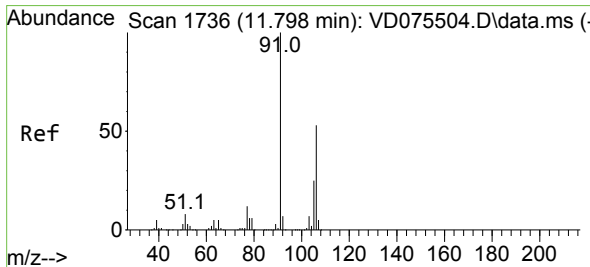
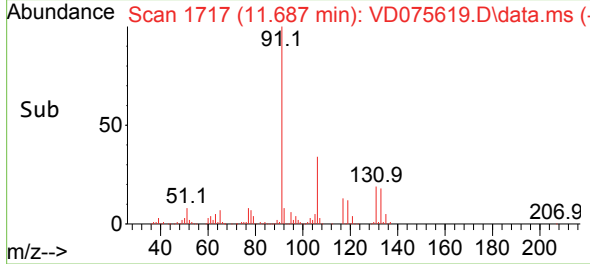
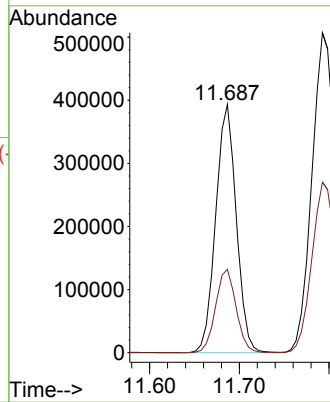
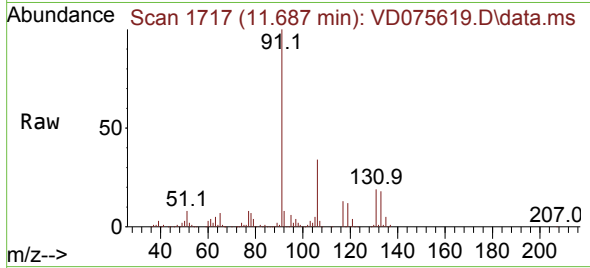




#67
Ethyl Benzene
Concen: 48.030 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

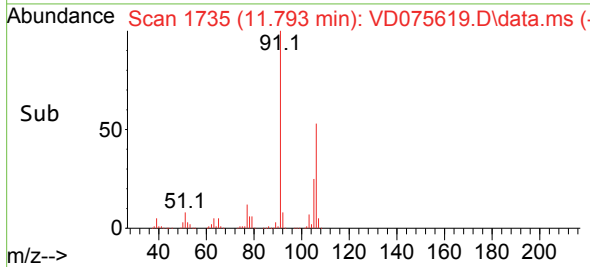
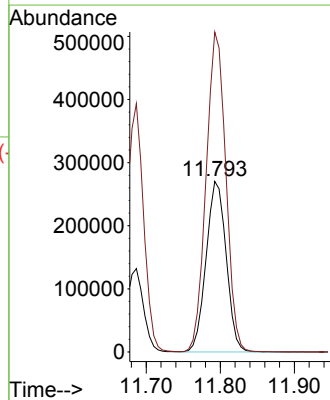
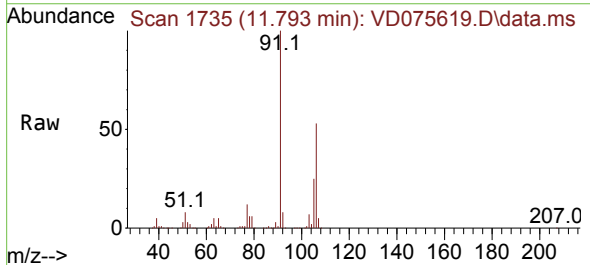
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

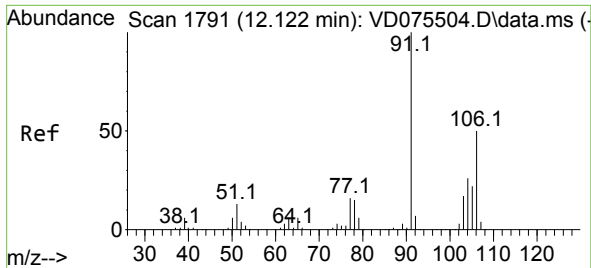
Tgt Ion: 91 Resp: 625308
Ion Ratio Lower Upper
91 100
106 33.6 24.5 36.7



#68
m/p-Xylenes
Concen: 94.838 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion:106 Resp: 508558
Ion Ratio Lower Upper
106 100
91 184.4 161.5 242.3

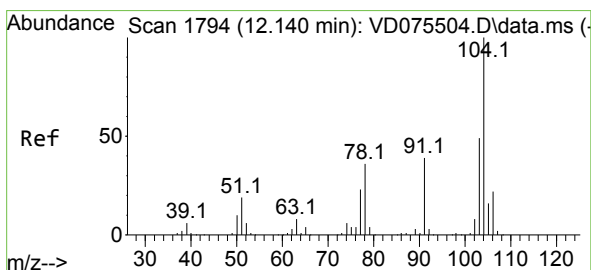
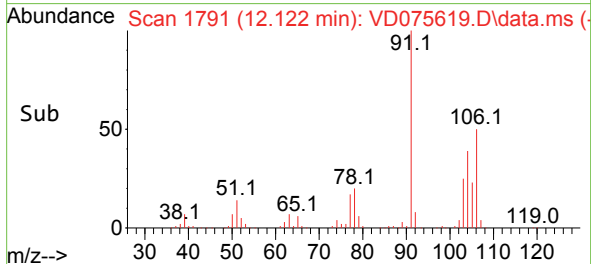
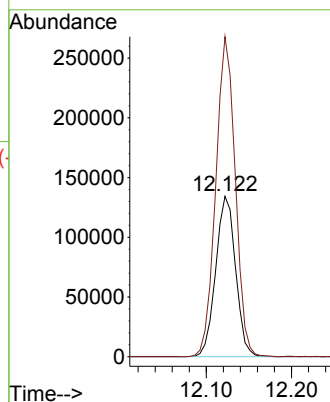
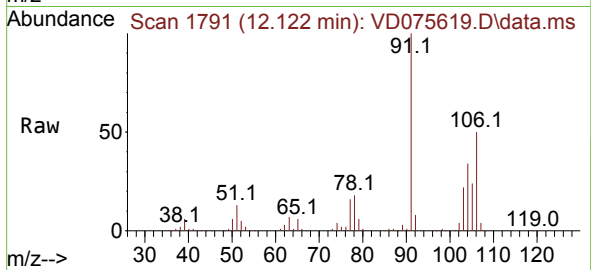




#69
o-Xylene
Concen: 41.910 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

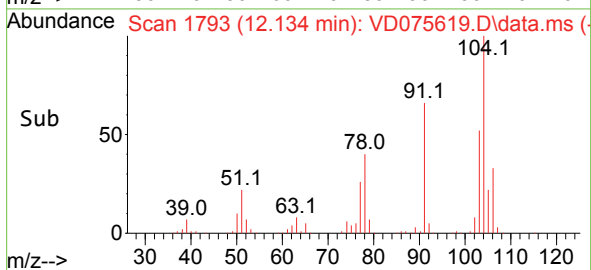
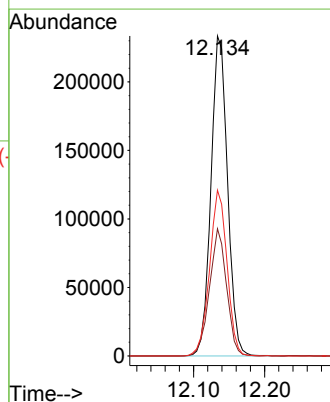
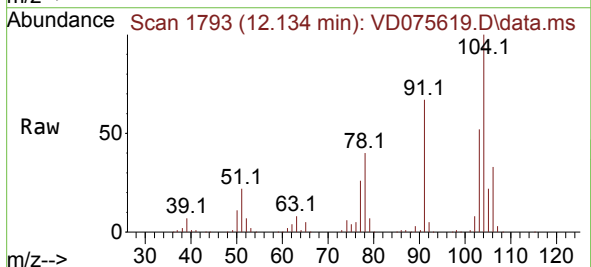
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

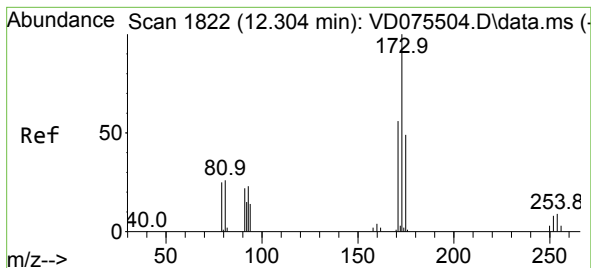
Tgt Ion:106 Resp: 217515
Ion Ratio Lower Upper
106 100
91 196.2 105.7 317.1



#70
Styrene
Concen: 42.646 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion:104 Resp: 378750
Ion Ratio Lower Upper
104 100
78 41.1 40.2 60.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 44.209 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041123

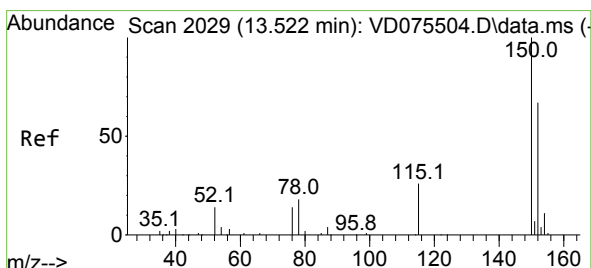
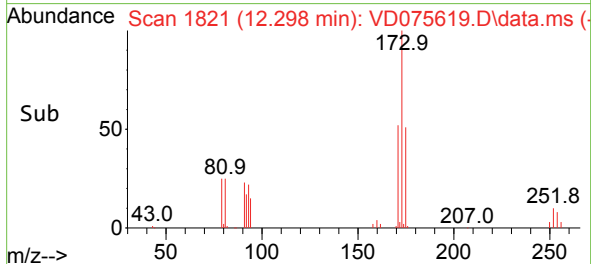
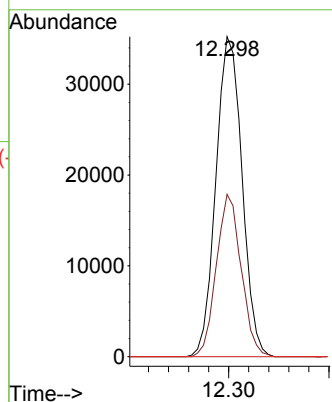
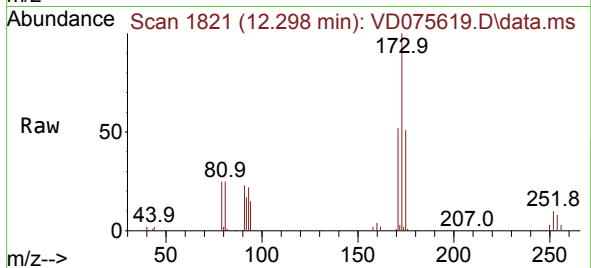
Tgt Ion:173 Resp: 63763

Ion Ratio Lower Upper

173 100

175 48.2 23.5 70.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

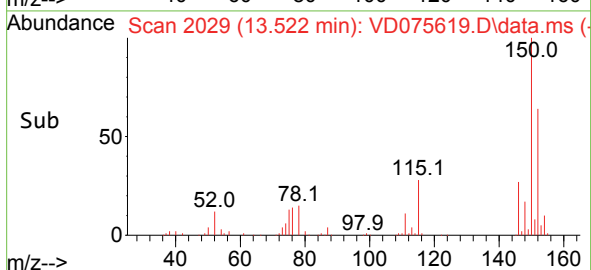
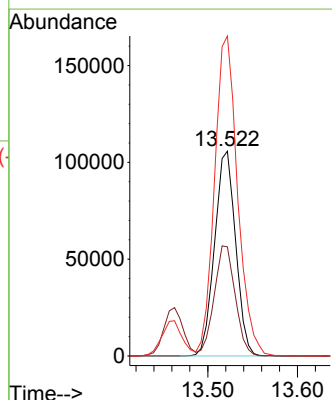
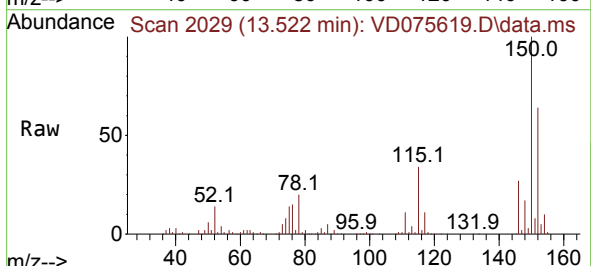
Tgt Ion:152 Resp: 172273

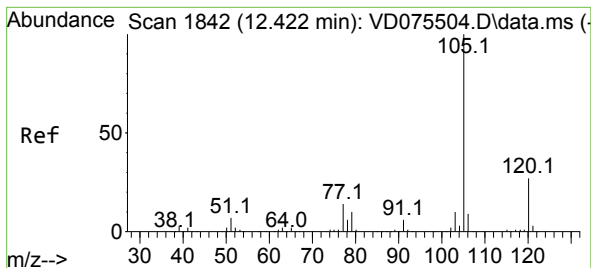
Ion Ratio Lower Upper

152 100

115 54.0 30.1 90.3

150 170.8 0.0 364.8





#73

Isopropylbenzene

Concen: 51.312 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

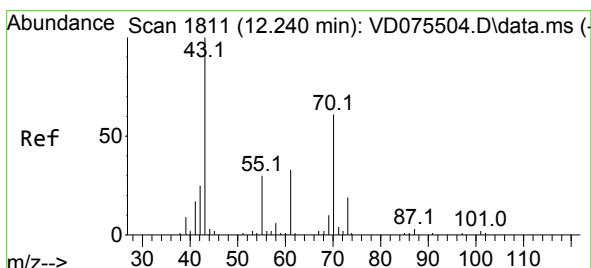
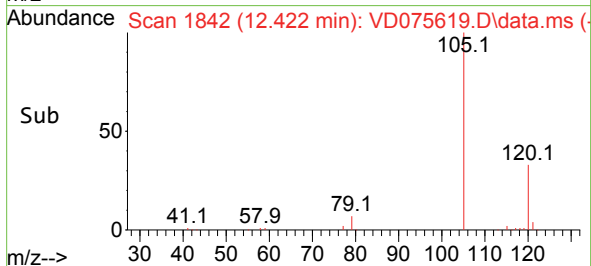
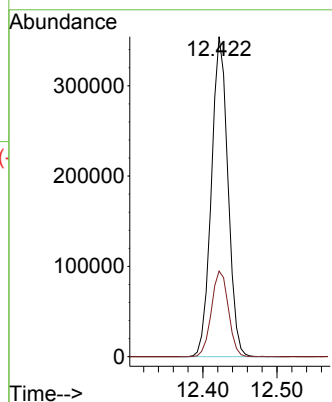
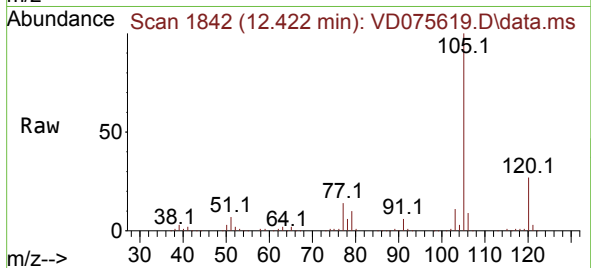
ICVVD041123

Tgt Ion:105 Resp: 548545

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 51.584 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Tgt Ion: 43 Resp: 77342

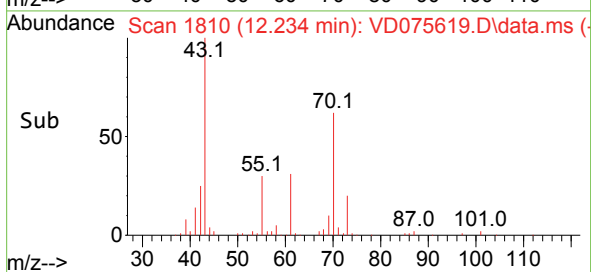
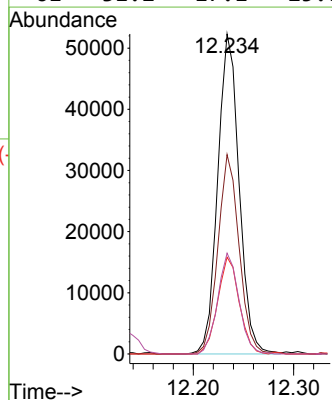
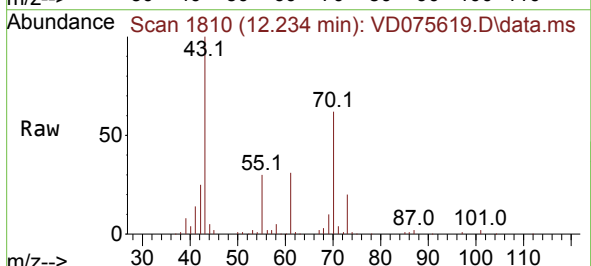
Ion Ratio Lower Upper

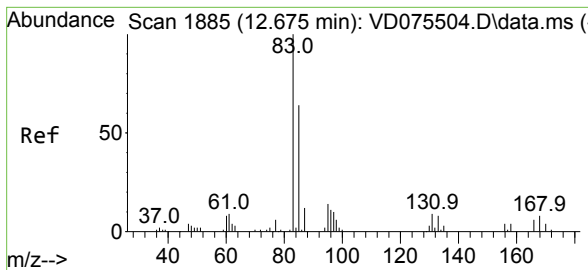
43 100

70 61.9 31.0 46.4#

55 30.5 18.6 28.0#

61 31.2 17.1 25.7#

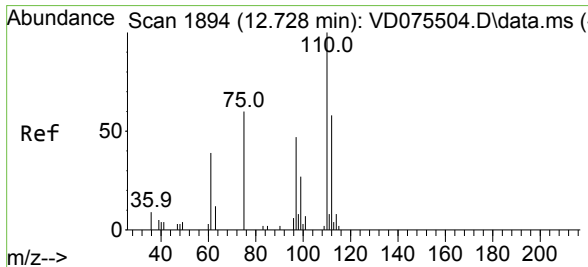
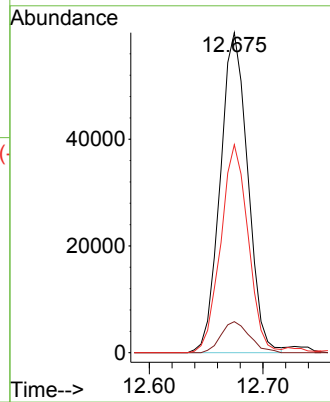
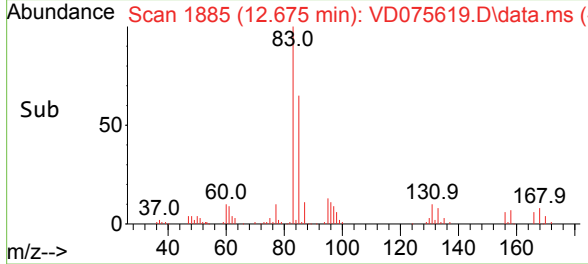
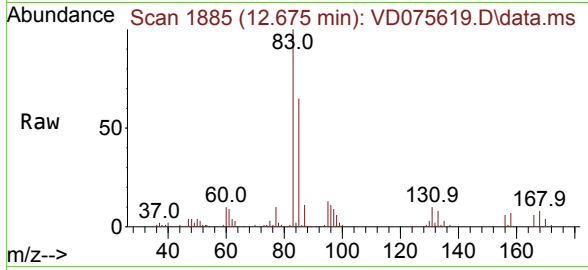




#75
1,1,2,2-Tetrachloroethane
Concen: 50.533 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

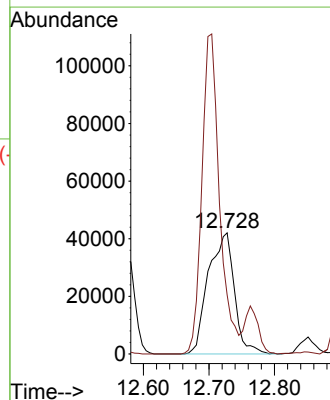
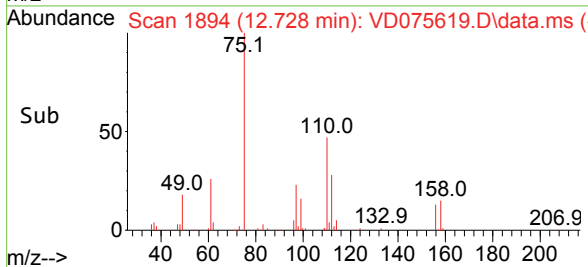
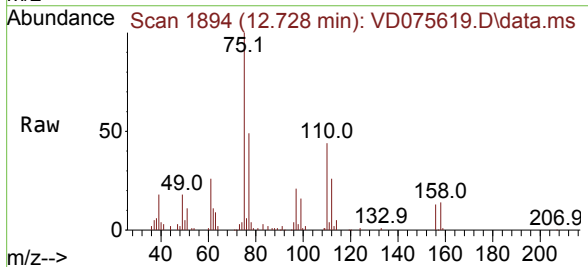
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

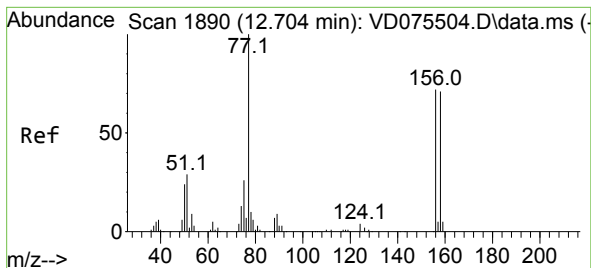
Tgt Ion: 83 Resp: 101047
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.2
85 64.8 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 86.006 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 75 Resp: 115956
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.422 ug/l

RT: 12.704 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041123

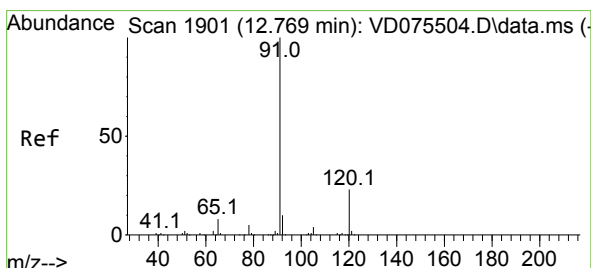
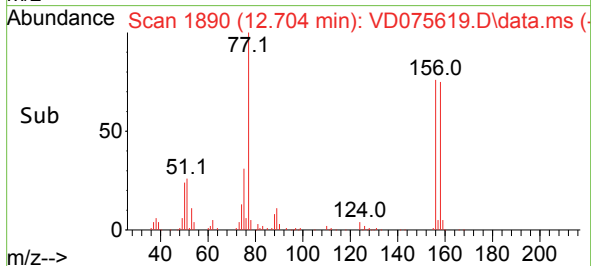
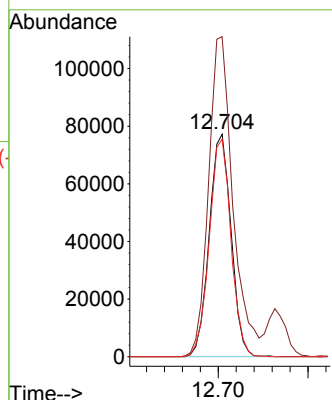
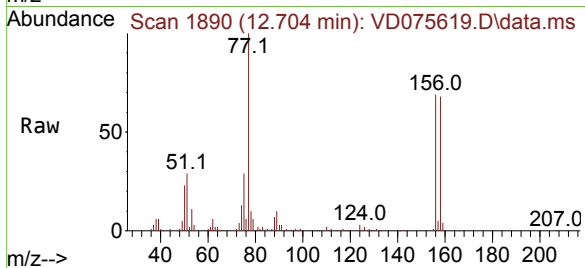
Tgt Ion:156 Resp: 130662

Ion Ratio Lower Upper

156 100

77 159.8 89.5 268.6

158 96.8 47.8 143.4



#78

n-propylbenzene

Concen: 52.131 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VD075619.D

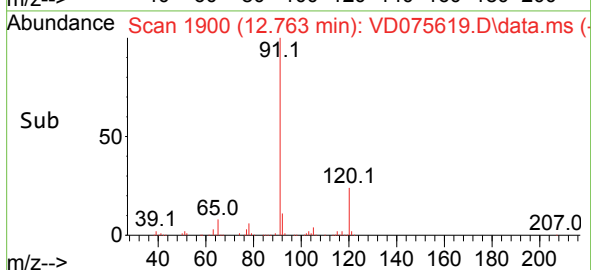
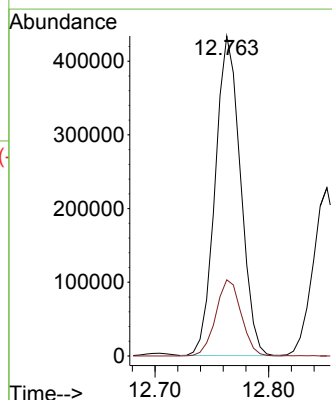
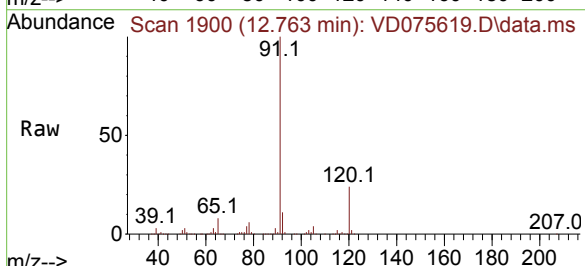
Acq: 11 Apr 2023 12:14

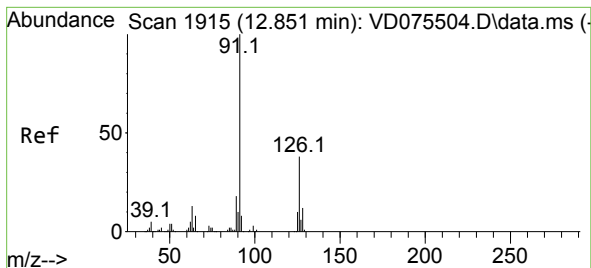
Tgt Ion: 91 Resp: 670063

Ion Ratio Lower Upper

91 100

120 23.9 11.4 34.2





#79

2-Chlorotoluene

Concen: 50.934 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

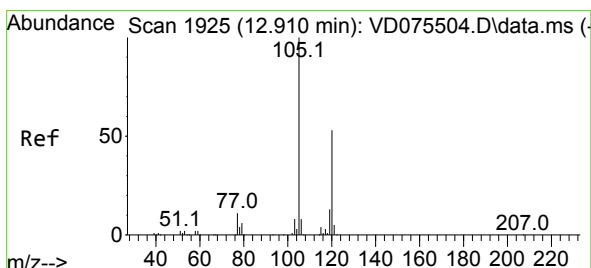
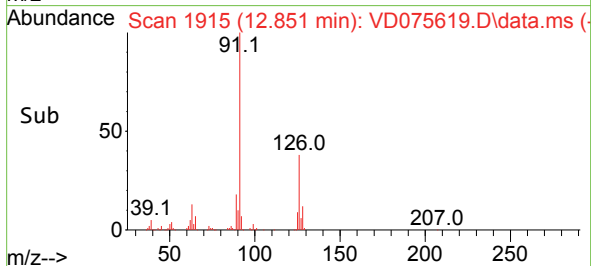
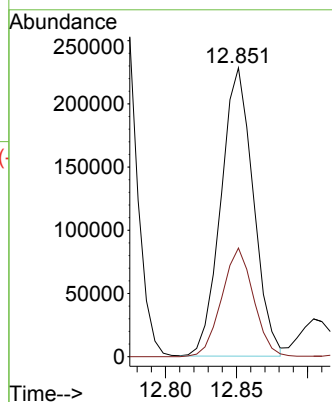
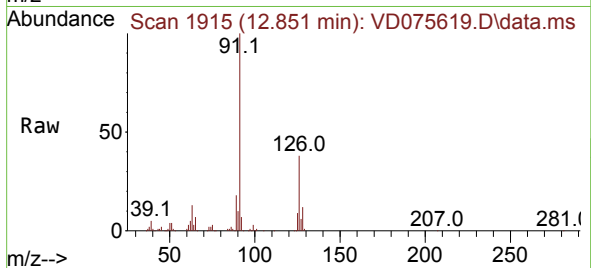
ICVVD041123

Tgt Ion: 91 Resp: 362089

Ion Ratio Lower Upper

91 100

126 37.1 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 52.003 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075619.D

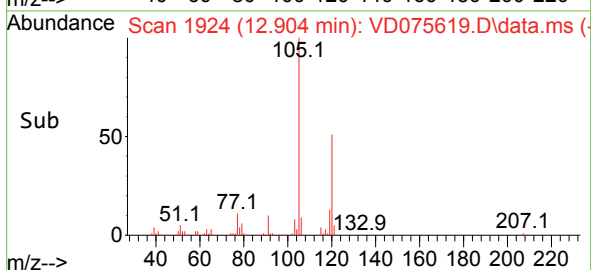
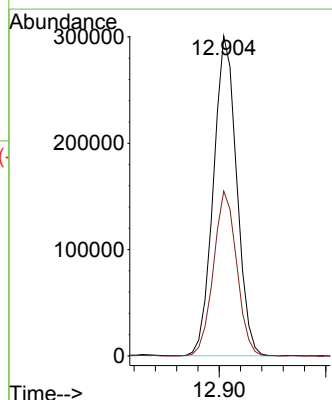
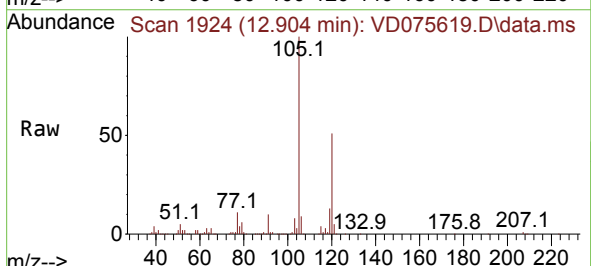
Acq: 11 Apr 2023 12:14

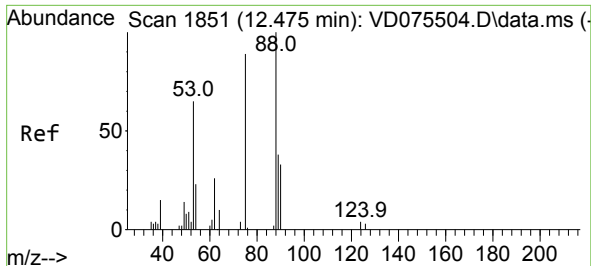
Tgt Ion: 105 Resp: 455302

Ion Ratio Lower Upper

105 100

120 51.6 24.3 72.8

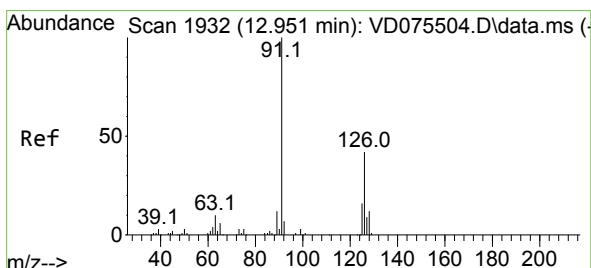
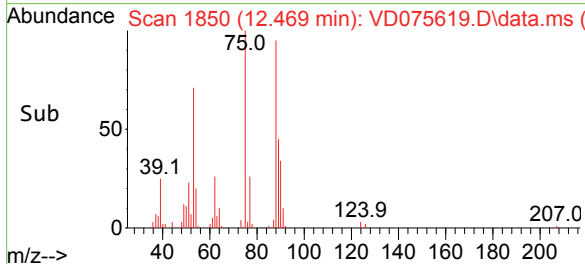
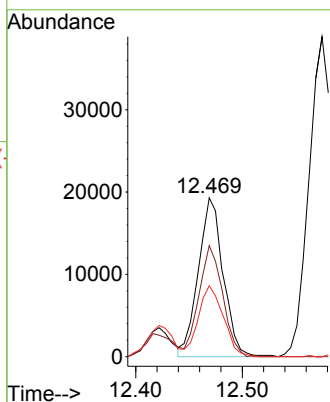
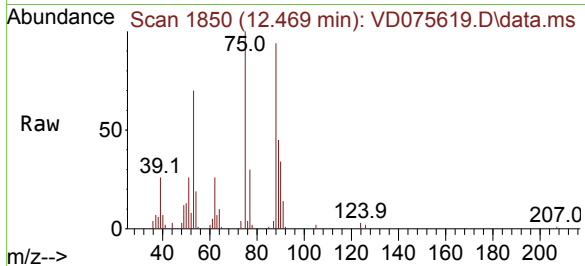




#81
trans-1,4-Dichloro-2-butene
Concen: 53.195 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

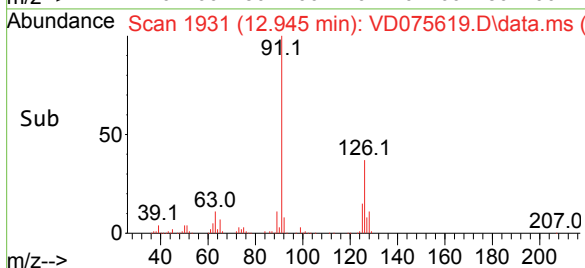
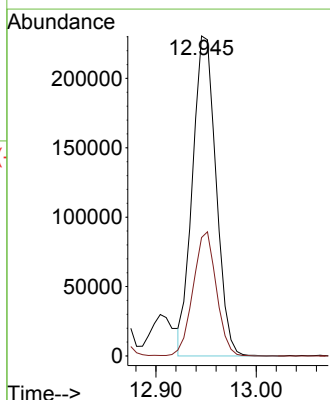
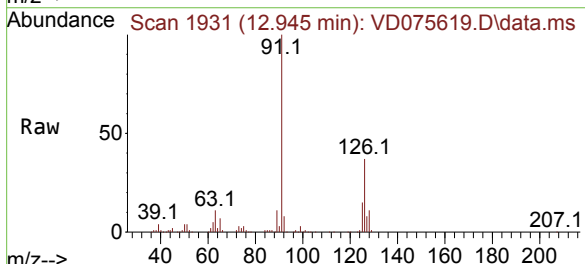
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

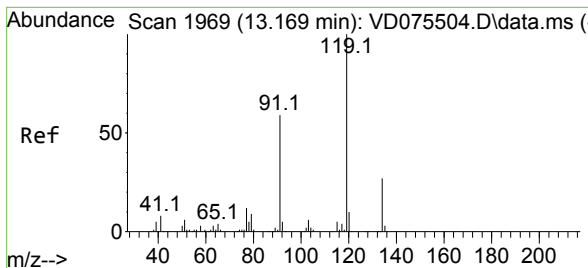
Tgt Ion: 75 Resp: 31293
Ion Ratio Lower Upper
75 100
53 66.6 90.5 135.7#
89 44.4 40.2 60.4



#82
4-Chlorotoluene
Concen: 51.042 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 91 Resp: 376405
Ion Ratio Lower Upper
91 100
126 38.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 51.181 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041123

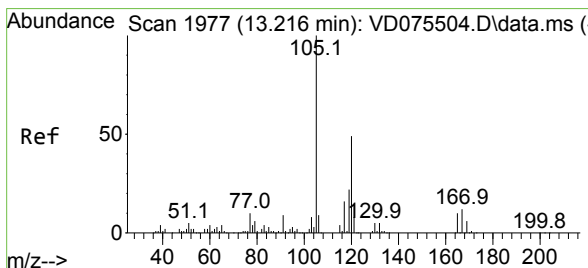
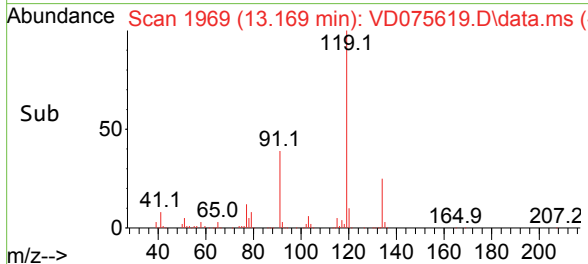
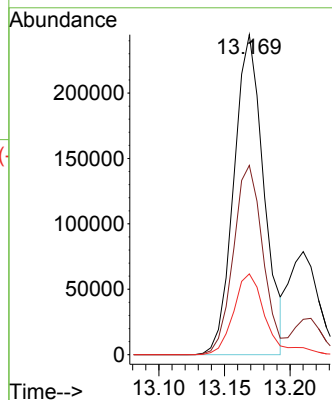
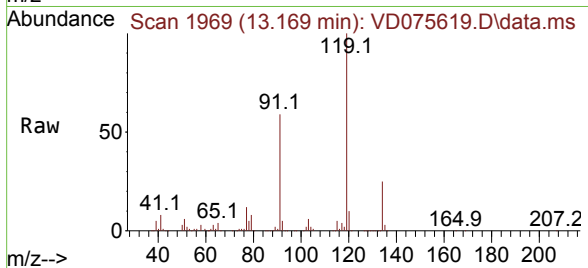
Tgt Ion:119 Resp: 389074

Ion Ratio Lower Upper

119 100

91 59.4 32.4 97.0

134 27.2 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 52.142 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075619.D

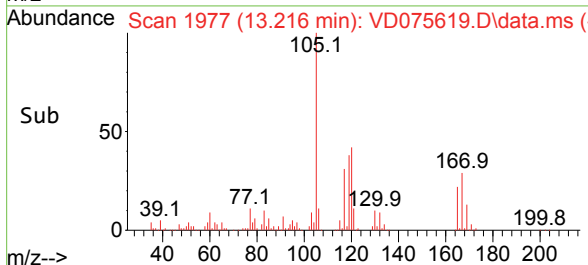
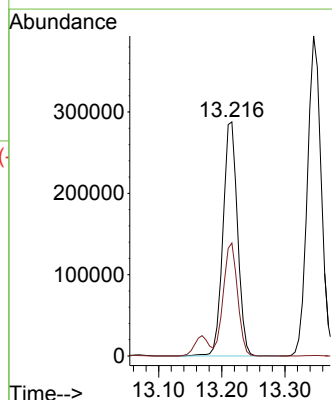
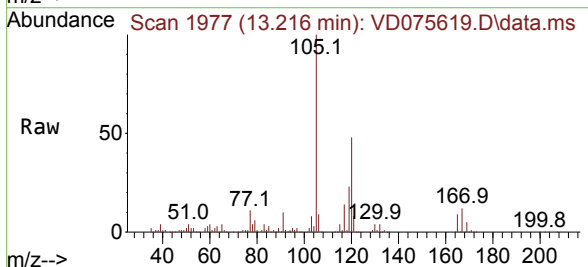
Acq: 11 Apr 2023 12:14

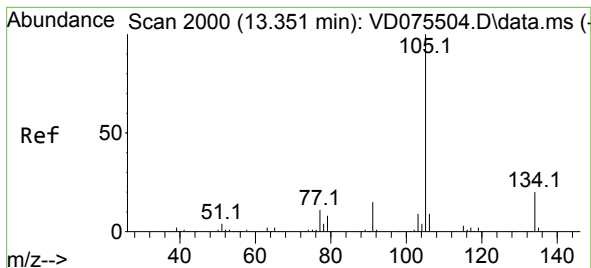
Tgt Ion:105 Resp: 461009

Ion Ratio Lower Upper

105 100

120 47.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 51.397 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

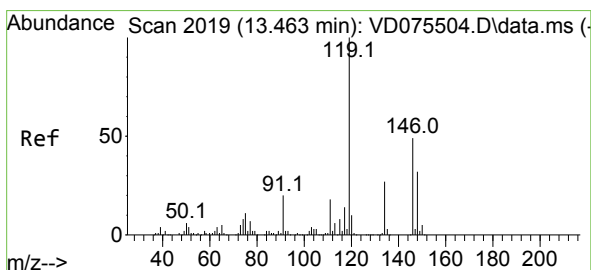
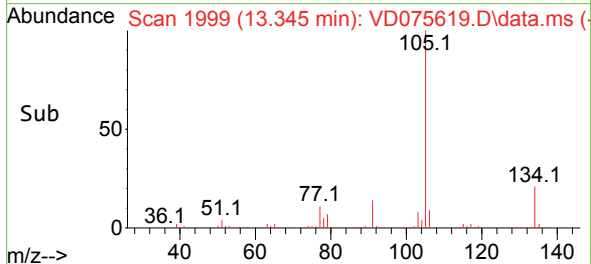
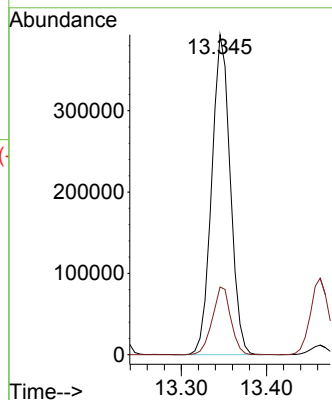
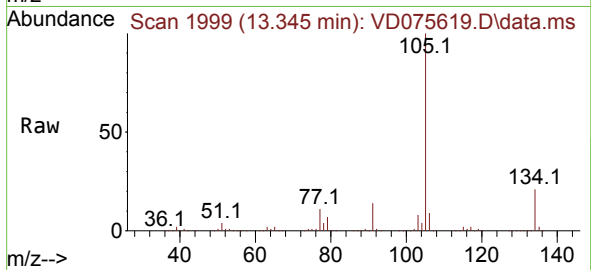
ICVVD041123

Tgt Ion:105 Resp: 597089

Ion Ratio Lower Upper

105 100

134 21.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 52.418 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

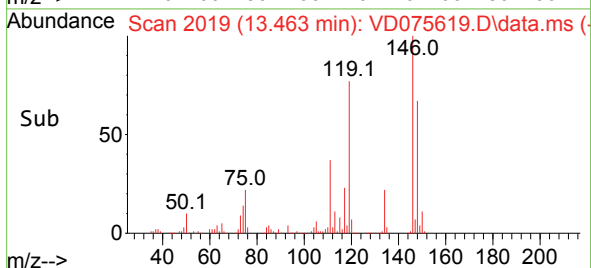
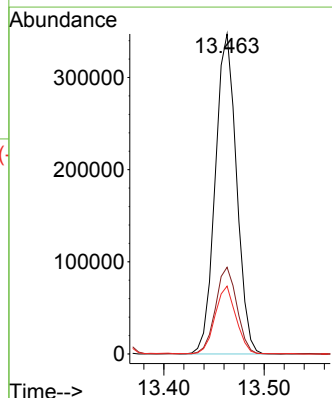
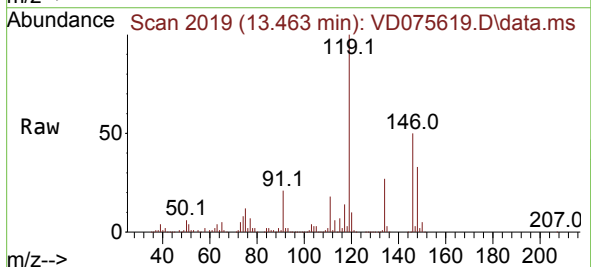
Tgt Ion:119 Resp: 511878

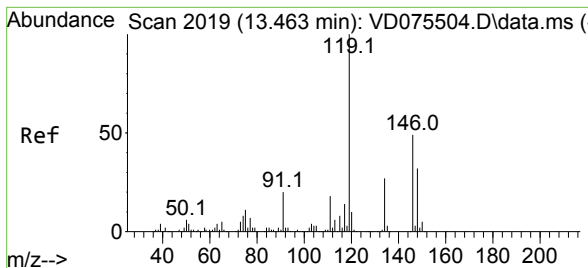
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 20.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.722 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041123

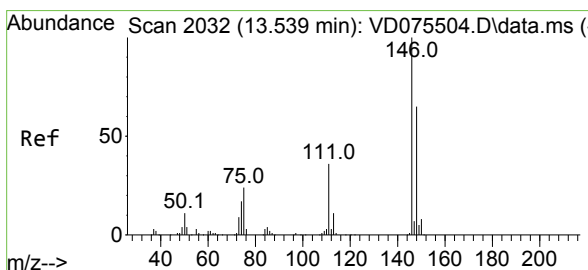
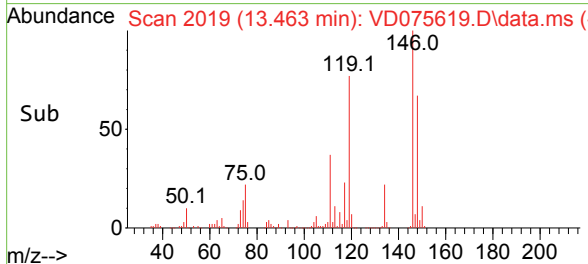
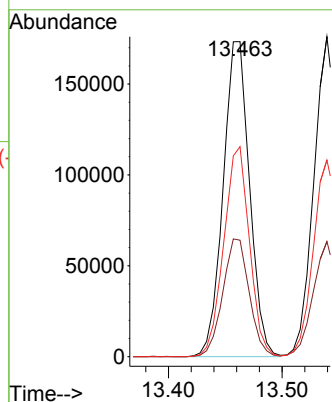
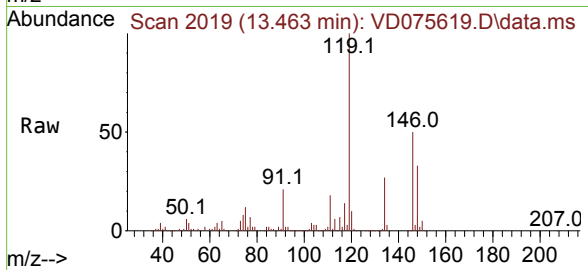
Tgt Ion:146 Resp: 280168

Ion Ratio Lower Upper

146 100

111 37.5 19.8 59.3

148 64.8 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 49.213 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

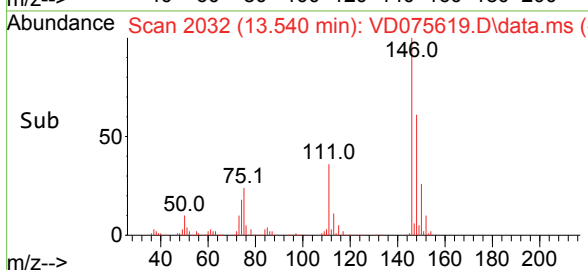
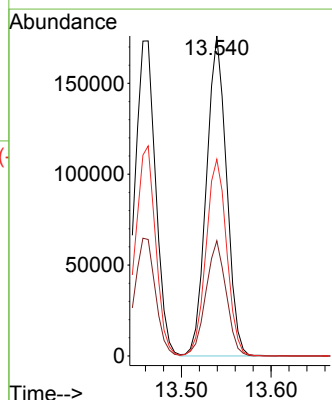
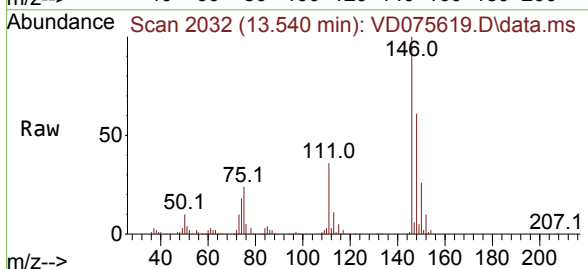
Tgt Ion:146 Resp: 274251

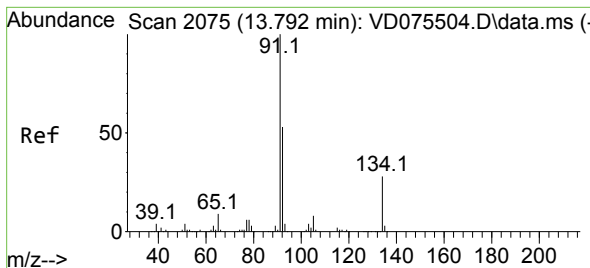
Ion Ratio Lower Upper

146 100

111 36.3 19.6 58.8

148 63.1 31.7 95.1





#89

n-Butylbenzene

Concen: 52.143 ug/l

RT: 13.787 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041123

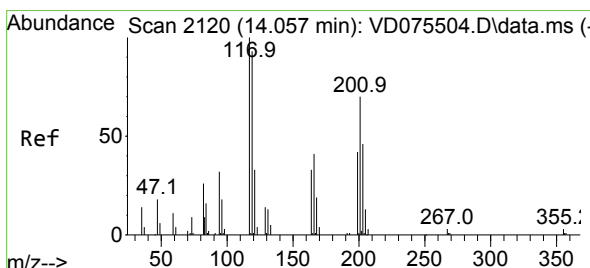
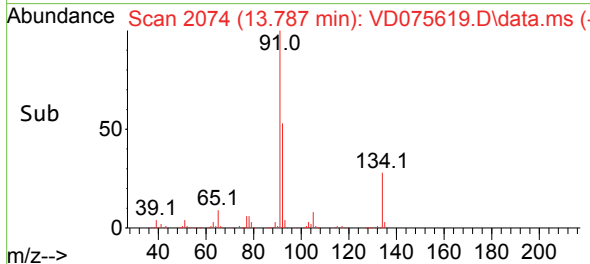
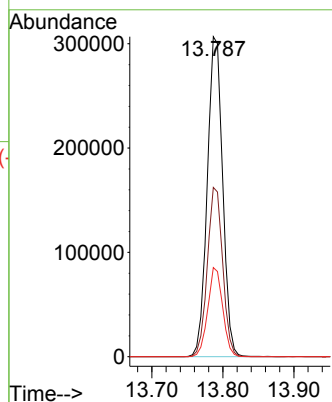
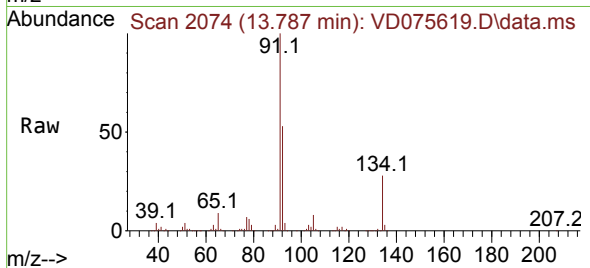
Tgt Ion: 91 Resp: 462961

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.5

134 27.0 12.7 38.0



#90

Hexachloroethane

Concen: 50.196 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD075619.D

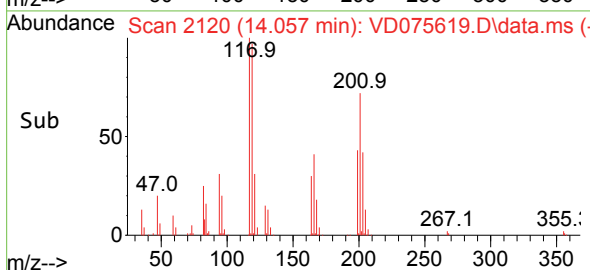
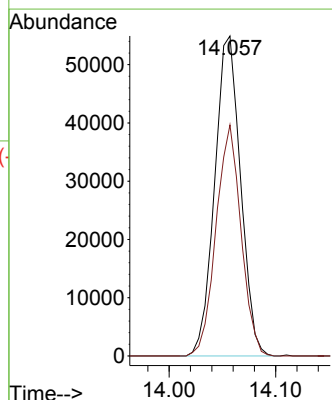
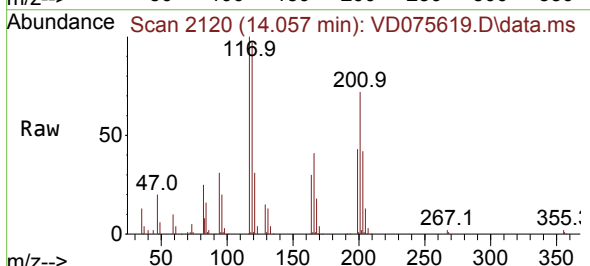
Acq: 11 Apr 2023 12:14

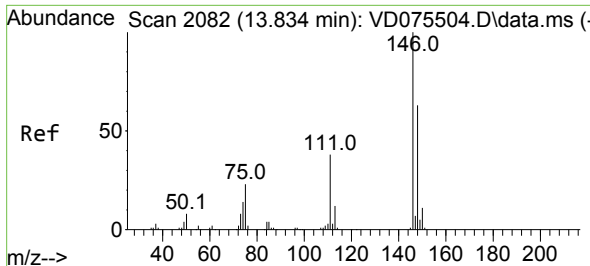
Tgt Ion: 117 Resp: 92723

Ion Ratio Lower Upper

117 100

201 69.6 34.5 103.6

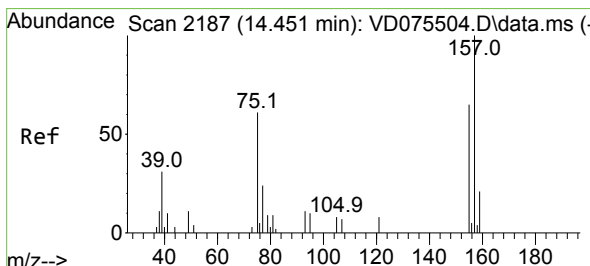
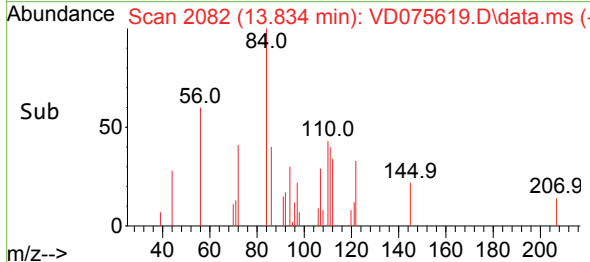
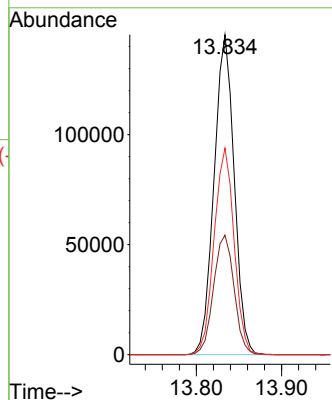
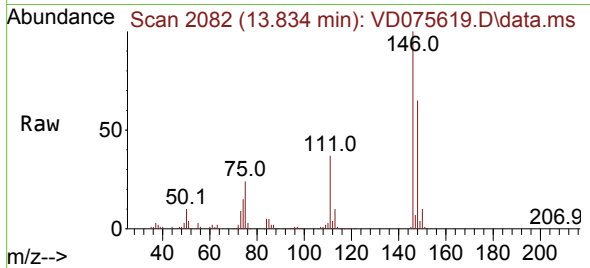




#91
1,2-Dichlorobenzene
Concen: 49.217 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

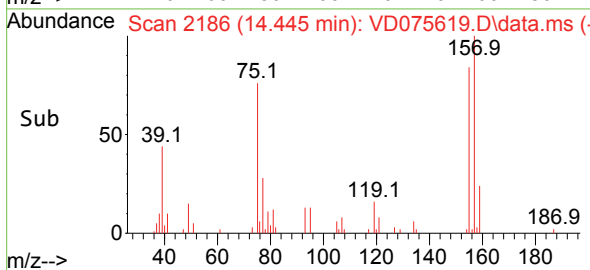
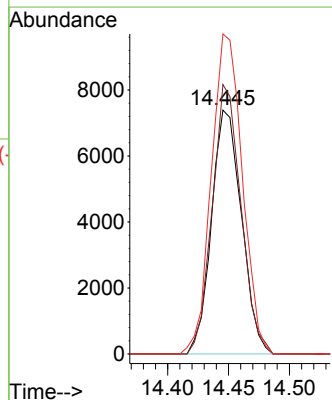
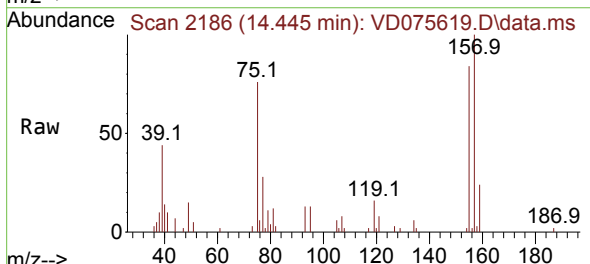
Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

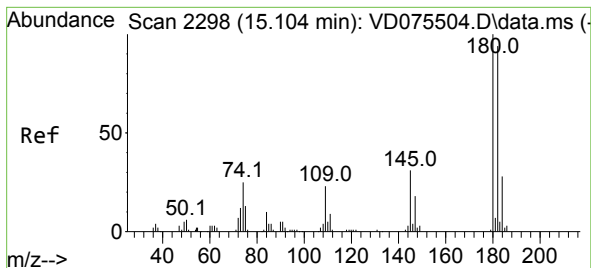
Tgt Ion:146 Resp: 239049
Ion Ratio Lower Upper
146 100
111 38.1 20.6 61.8
148 64.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.569 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD075619.D
Acq: 11 Apr 2023 12:14

Tgt Ion: 75 Resp: 12649
Ion Ratio Lower Upper
75 100
155 105.8 39.5 118.5
157 135.5 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 51.536 ug/l

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041123

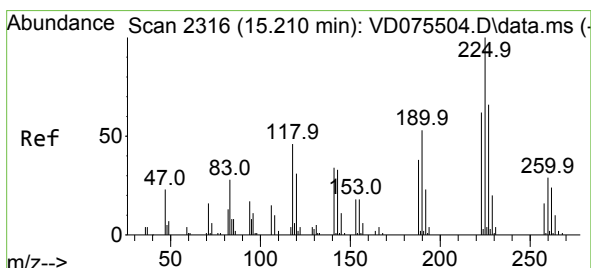
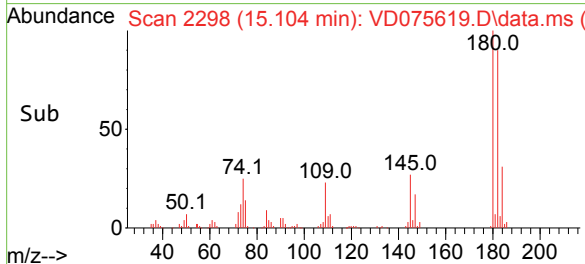
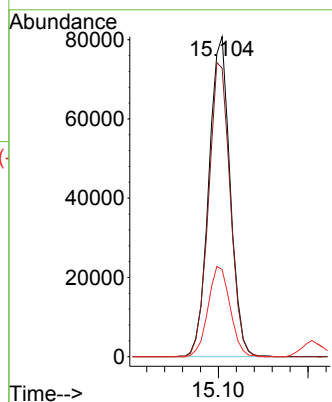
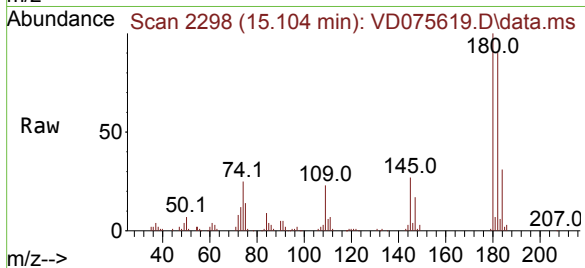
Tgt Ion:180 Resp: 132761

Ion Ratio Lower Upper

180 100

182 93.4 47.9 143.7

145 29.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 48.321 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.006 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

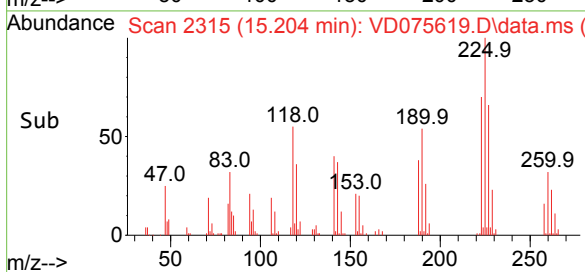
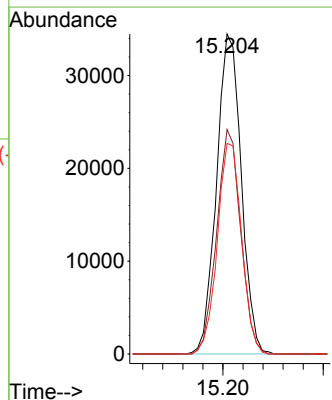
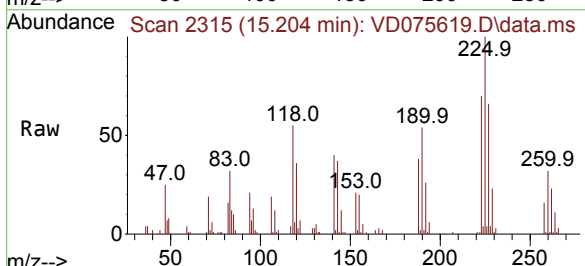
Tgt Ion:225 Resp: 58963

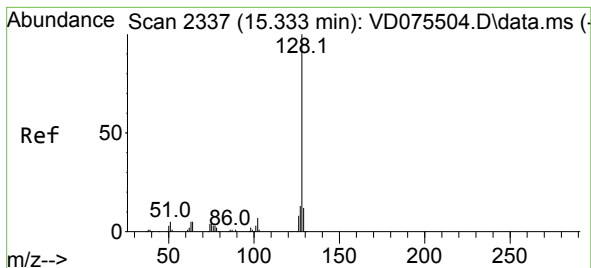
Ion Ratio Lower Upper

225 100

223 67.9 33.1 99.2

227 64.5 31.9 95.9





#95

Naphthalene

Concen: 52.643 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.006 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

ICVVD041123

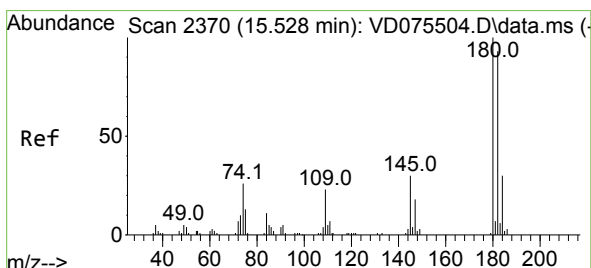
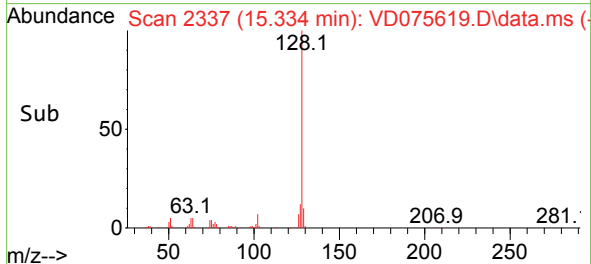
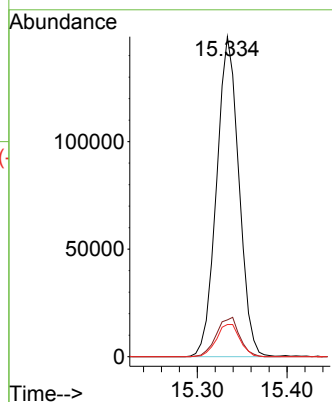
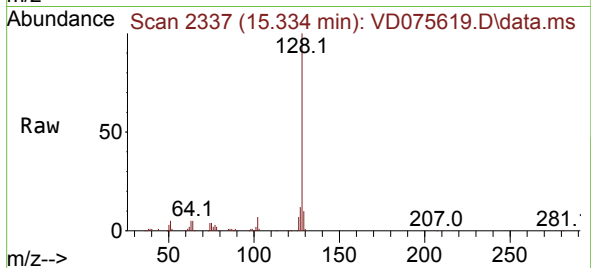
Tgt Ion:128 Resp: 257494

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.914 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075619.D

Acq: 11 Apr 2023 12:14

Tgt Ion:180 Resp: 113926

Ion Ratio Lower Upper

180 100

182 95.8 47.7 143.1

145 32.2 16.4 49.4

