

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
 Data File : VD077492.D
 Acq On : 02 Nov 2023 16:22
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 03 01:04:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	233527	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	425980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	378975	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	172660	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	149901	45.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.780%
35) Dibromofluoromethane	7.805	113	130713	44.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.800%
50) Toluene-d8	10.269	98	535603	46.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.575	95	168214	43.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.340%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	79931	42.449	ug/l	100
3) Chloromethane	2.152	50	161050	53.872	ug/l	97
4) Vinyl Chloride	2.287	62	172939	59.323	ug/l	94
5) Bromomethane	2.699	94	93075	60.929	ug/l	99
6) Chloroethane	2.840	64	119442	60.855	ug/l	98
7) Trichlorofluoromethane	3.181	101	191331	46.867	ug/l	99
8) Diethyl Ether	3.599	74	67340	45.888	ug/l #	50
9) 1,1,2-Trichlorotrifluo...	3.969	101	113140	45.907	ug/l	94
10) Methyl Iodide	4.164	142	125725	40.998	ug/l #	89
11) Tert butyl alcohol	5.046	59	49643	189.783	ug/l #	94
12) 1,1-Dichloroethene	3.946	96	111316	47.709	ug/l #	59
13) Acrolein	3.805	56	63552	184.239	ug/l	97
14) Allyl chloride	4.564	41	256534	45.576	ug/l #	84
15) Acrylonitrile	5.252	53	179836	226.696	ug/l	97
16) Acetone	4.022	43	186992	213.999	ug/l #	79
17) Carbon Disulfide	4.275	76	326923	45.768	ug/l	99
18) Methyl Acetate	4.564	43	150579	47.243	ug/l #	77
19) Methyl tert-butyl Ether	5.316	73	332997	45.467	ug/l	98
20) Methylene Chloride	4.805	84	156321	47.465	ug/l #	59
21) trans-1,2-Dichloroethene	5.311	96	128034	47.117	ug/l #	70
22) Diisopropyl ether	6.216	45	549772	45.956	ug/l #	89
23) Vinyl Acetate	6.152	43	1352312	262.024	ug/l #	83
24) 1,1-Dichloroethane	6.111	63	285492	45.992	ug/l	92
25) 2-Butanone	7.081	43	247091	212.002	ug/l #	75
26) 2,2-Dichloropropane	7.081	77	241634	43.925	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	156743	46.559	ug/l	71
28) Bromochloromethane	7.422	49	136153	48.450	ug/l #	54
29) Tetrahydrofuran	7.446	42	150237	217.341	ug/l #	71
30) Chloroform	7.599	83	265122	45.743	ug/l	96
31) Cyclohexane	7.881	56	241945	46.869	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	216816	45.404	ug/l	95
36) 1,1-Dichloropropene	8.010	75	204550	46.859	ug/l	92
37) Ethyl Acetate	7.169	43	109236	43.604	ug/l #	88
38) Carbon Tetrachloride	7.993	117	184568	44.869	ug/l	100
39) Methylcyclohexane	9.275	83	235316	47.245	ug/l #	82
40) Benzene	8.252	78	580400	46.627	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	63108	39.370	ug/l #	73
42) 1,2-Dichloroethane	8.328	62	176294	44.716	ug/l	89
43) Isopropyl Acetate	8.363	43	217399	42.052	ug/l #	80
44) Trichloroethene	9.028	130	136085	44.631	ug/l	83
45) 1,2-Dichloropropane	9.304	63	166791	45.513	ug/l	100
46) Dibromomethane	9.393	93	75928	43.053	ug/l	89
47) Bromodichloromethane	9.587	83	208221	44.669	ug/l	97
48) Methyl methacrylate	9.381	41	105243	42.648	ug/l #	65
49) 1,4-Dioxane	9.381	88	15204	802.307	ug/l #	64
51) 4-Methyl-2-Pentanone	10.157	43	540074	212.242	ug/l #	81
52) Toluene	10.334	92	346949	45.721	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	215516	43.663	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	250960	44.182	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	103174	43.849	ug/l	93
56) Ethyl methacrylate	10.599	69	154054	44.036	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	196174	44.606	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	402272	229.686	ug/l #	84
59) 2-Hexanone	10.922	43	386569	206.221	ug/l	78
60) Dibromochloromethane	11.075	129	120963	42.754	ug/l	97
61) 1,2-Dibromoethane	11.181	107	94621	42.465	ug/l	98
64) Tetrachloroethene	10.810	164	105741	43.825	ug/l	95
65) Chlorobenzene	11.610	112	354419	44.640	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	127785	42.591	ug/l	97
67) Ethyl Benzene	11.687	91	691510	45.266	ug/l	94
68) m/p-Xylenes	11.793	106	496817	90.061	ug/l	79
69) o-Xylene	12.122	106	241073	45.624	ug/l	82
70) Styrene	12.134	104	407230	44.674	ug/l #	90
71) Bromoform	12.298	173	68215	41.010	ug/l #	94
73) Isopropylbenzene	12.422	105	630326	44.777	ug/l	96
74) N-amyl acetate	12.234	43	203375	40.788	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	119089	43.157	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	161354	76.783	ug/l #	100
77) Bromobenzene	12.704	156	134938	43.549	ug/l	72
78) n-propylbenzene	12.763	91	817888	45.758	ug/l	91
79) 2-Chlorotoluene	12.851	91	442547	43.728	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	523309	44.303	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	45694	42.002	ug/l	89
82) 4-Chlorotoluene	12.945	91	450697	42.753	ug/l	89
83) tert-Butylbenzene	13.169	119	442723	44.580	ug/l	89
84) 1,2,4-Trimethylbenzene	13.210	105	523826	44.643	ug/l	92
85) sec-Butylbenzene	13.345	105	694552	45.709	ug/l	94
86) p-Isopropyltoluene	13.463	119	562484	45.542	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	266640	43.778	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	262561	43.147	ug/l	95
89) n-Butylbenzene	13.787	91	581343	45.286	ug/l	97
90) Hexachloroethane	14.057	117	108820	43.056	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	235514	43.999	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	17635	37.935	ug/l	84
93) 1,2,4-Trichlorobenzene	15.104	180	156309	42.507	ug/l	98
94) Hexachlorobutadiene	15.204	225	84378	42.540	ug/l	99
95) Naphthalene	15.334	128	296838	42.316	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	131254	41.351	ug/l	98

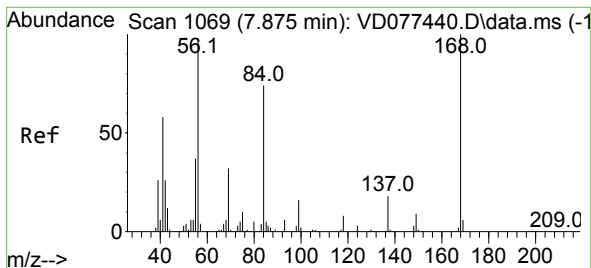
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

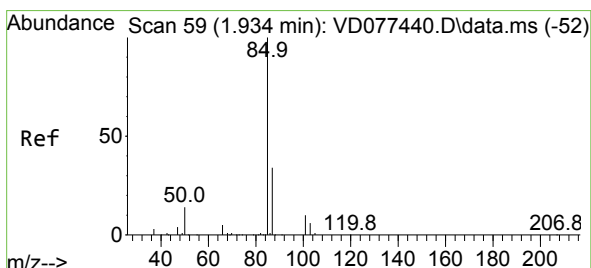
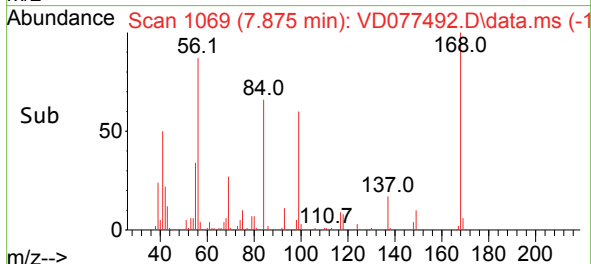
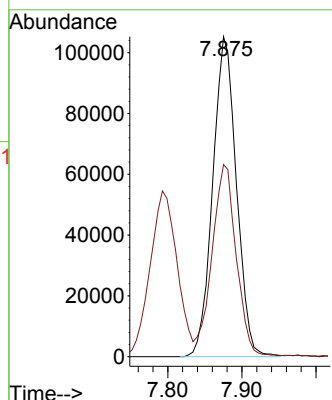
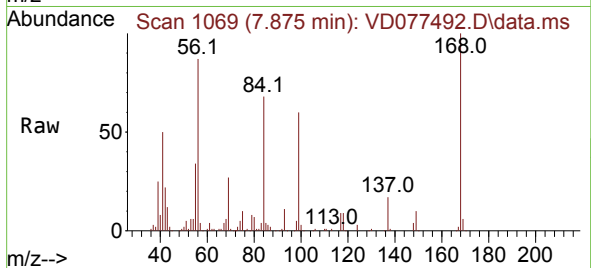
ClientSampleId :

Tgt Ion:168 Resp: 233527

Ion Ratio Lower Upper

168 100

99 59.7 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 42.449 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077492.D

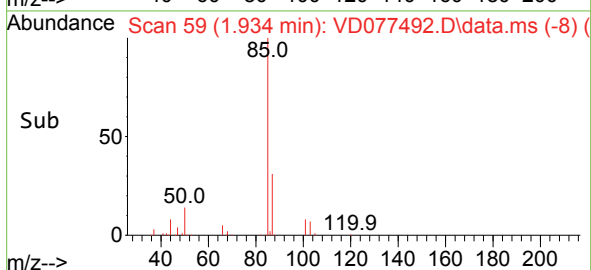
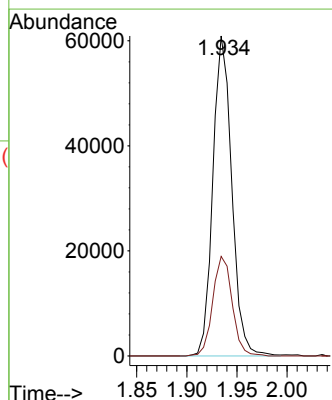
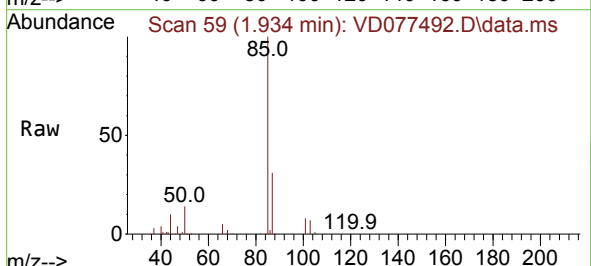
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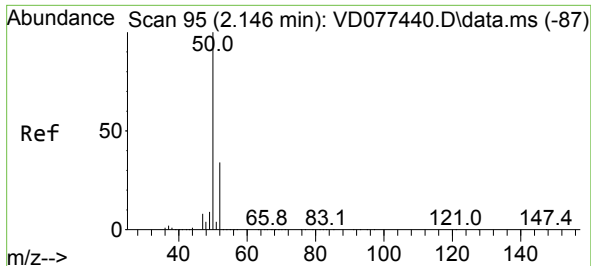
Tgt Ion: 85 Resp: 79931

Ion Ratio Lower Upper

85 100

87 31.1 15.7 47.0

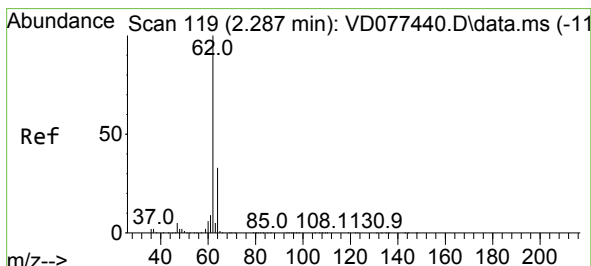
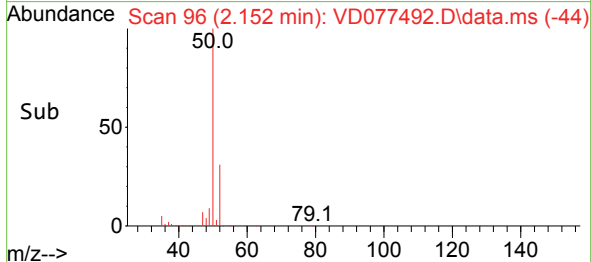
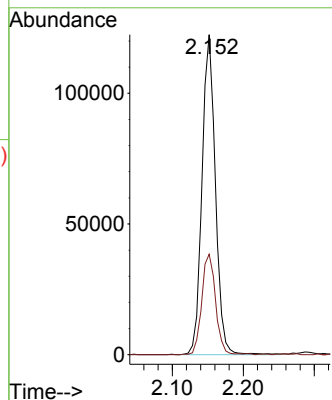
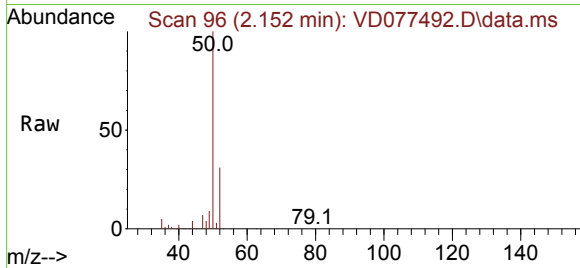




#3
Chloromethane
Concen: 53.872 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

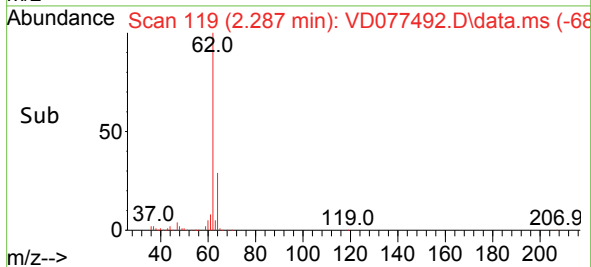
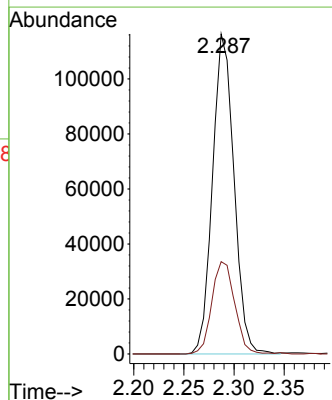
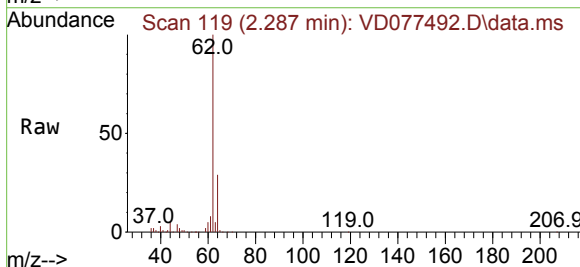
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 161050
Ion Ratio Lower Upper
50 100
52 31.4 26.6 40.0



#4
Vinyl Chloride
Concen: 59.323 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 62 Resp: 172939
Ion Ratio Lower Upper
62 100
64 28.9 26.0 39.0

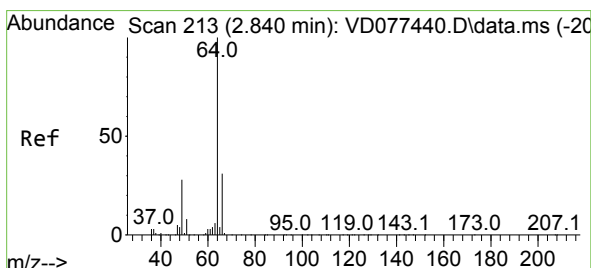
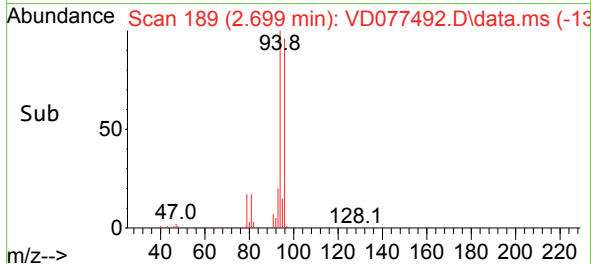
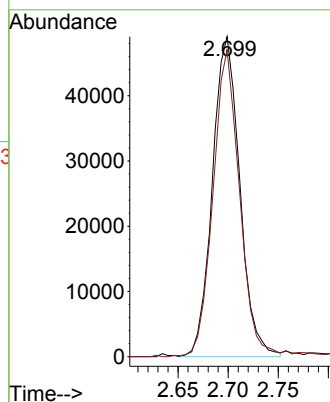
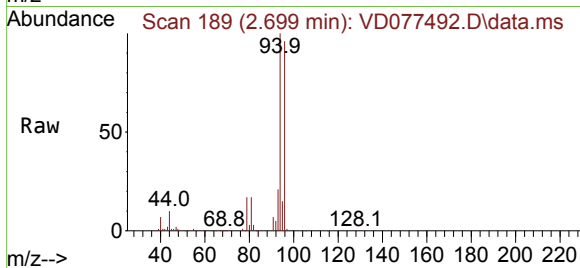




#5
Bromomethane
Concen: 60.929 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

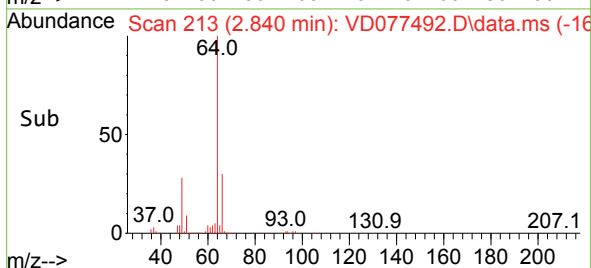
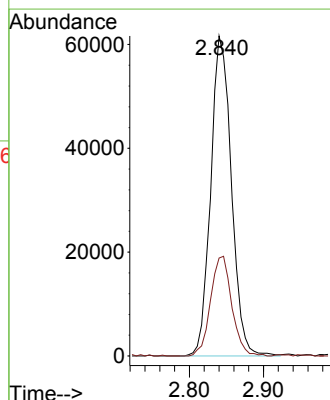
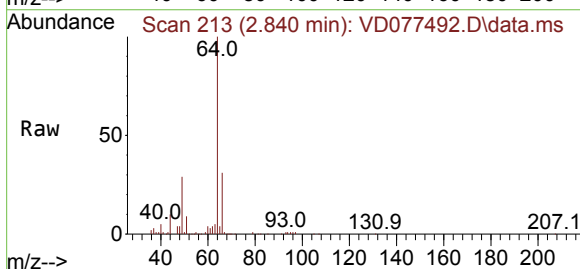
Instrument :
MSVOA_D
ClientSampleId :

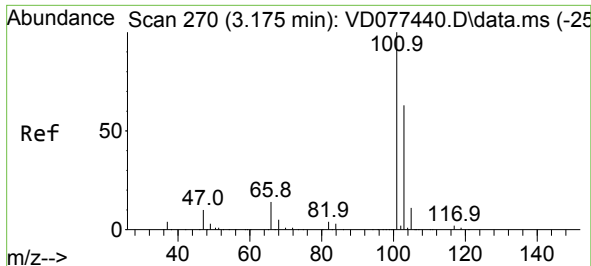
Tgt Ion: 94 Resp: 93075
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 60.855 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

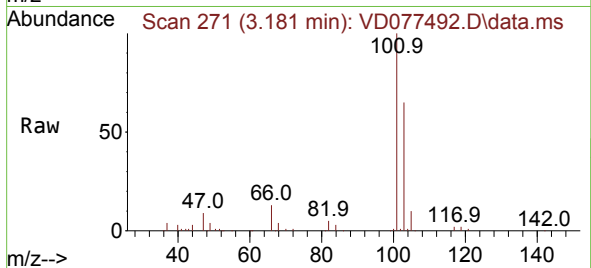
Tgt Ion: 64 Resp: 119442
Ion Ratio Lower Upper
64 100
66 30.6 25.5 38.3



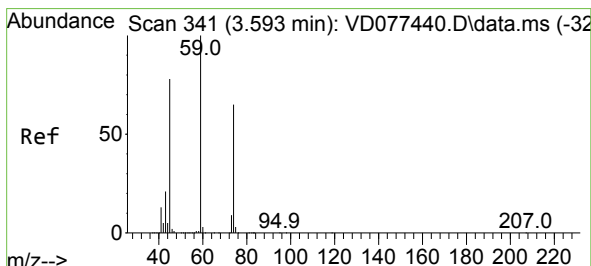
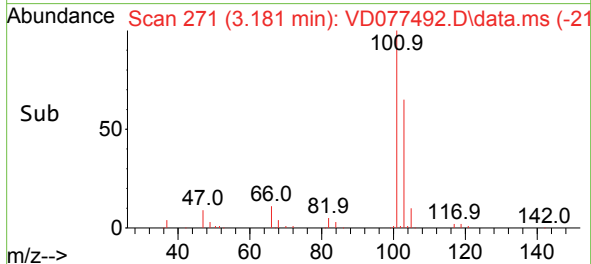
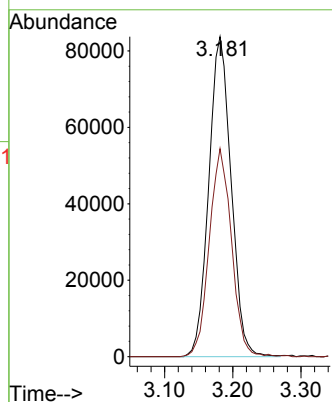


#7
Trichlorofluoromethane
Concen: 46.867 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

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MSVOA_D
ClientSampleId :

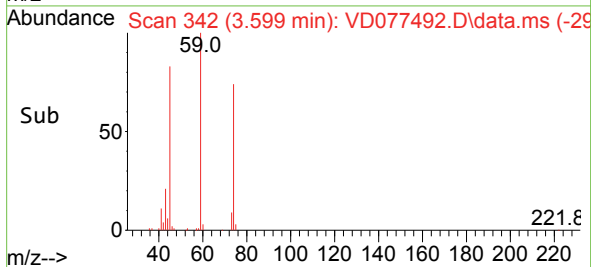
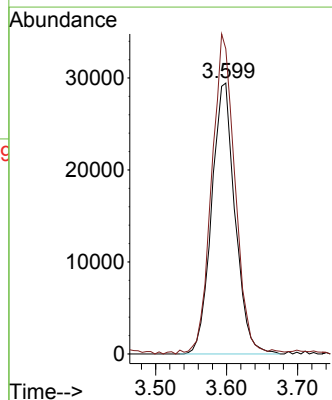
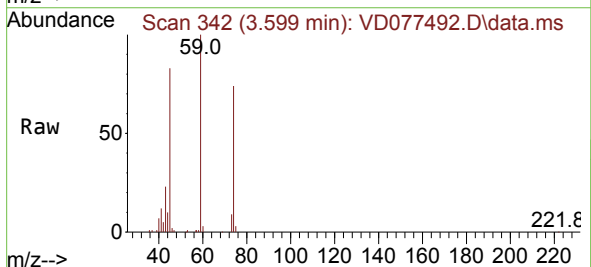


Tgt Ion:101 Resp: 191331
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5



#8
Diethyl Ether
Concen: 45.888 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 74 Resp: 67340
Ion Ratio Lower Upper
74 100
45 117.4 37.5 112.7#

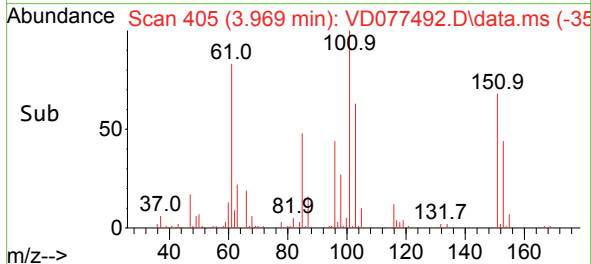
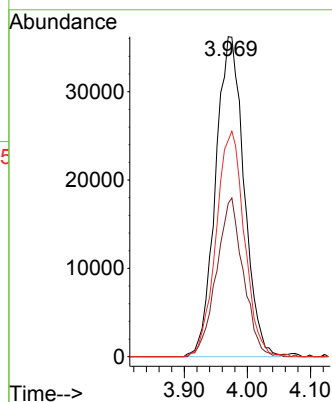
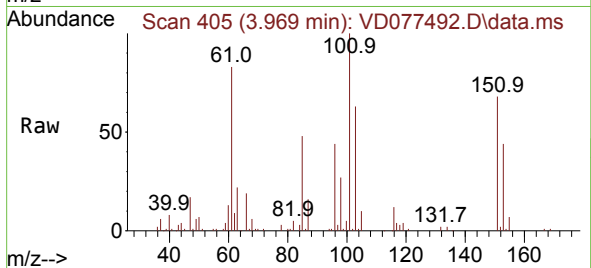




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.907 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077492.D
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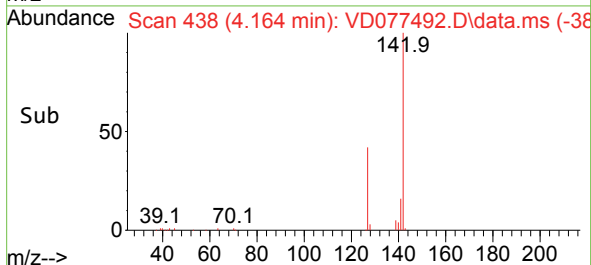
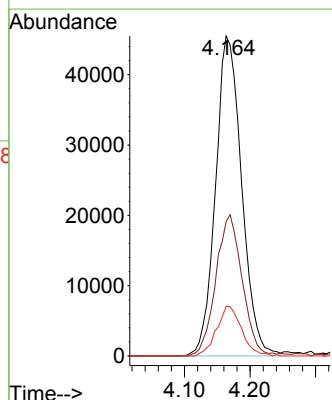
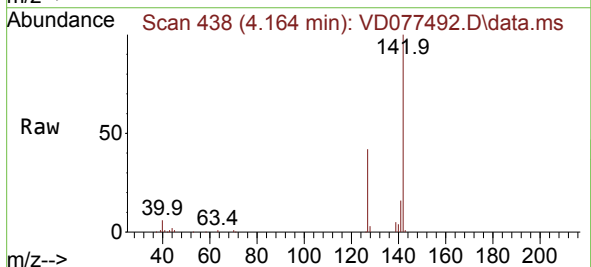
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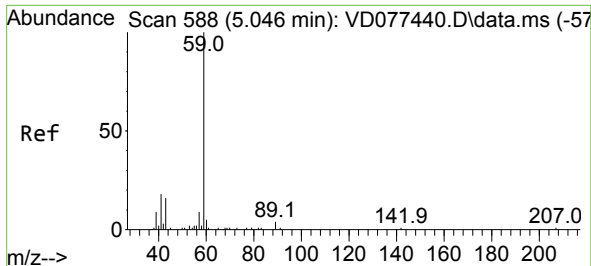
Tgt Ion:101 Resp: 113140
Ion Ratio Lower Upper
101 100
85 46.9 33.8 50.6
151 70.2 59.8 89.6



#10
Methyl Iodide
Concen: 40.998 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion:142 Resp: 125725
Ion Ratio Lower Upper
142 100
127 44.8 29.4 44.0#
141 14.8 11.1 16.7





#11

Tert butyl alcohol

Concen: 189.783 ug/l

RT: 5.046 min Scan# 588

Delta R.T. 0.000 min

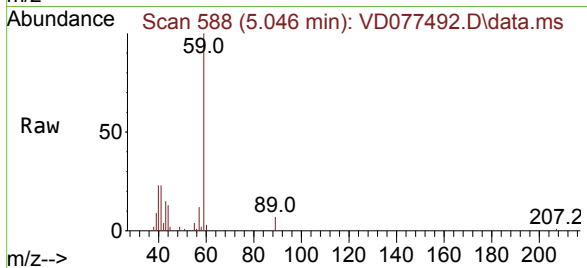
Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

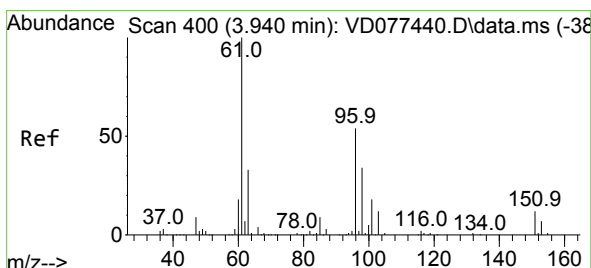
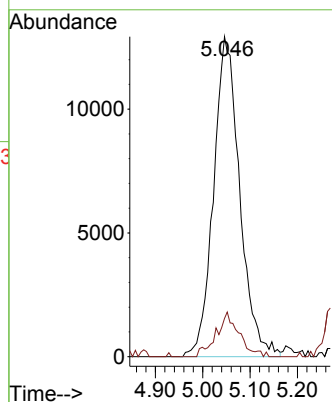


Tgt Ion: 59 Resp: 49643

Ion Ratio Lower Upper

59 100

57 12.1 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 47.709 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

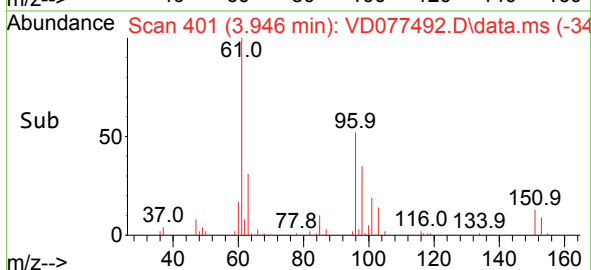
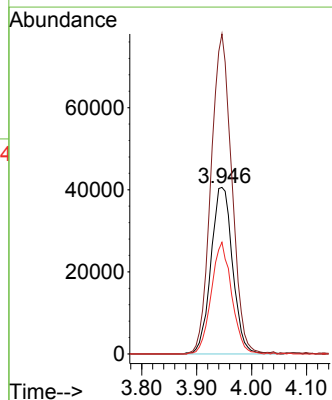
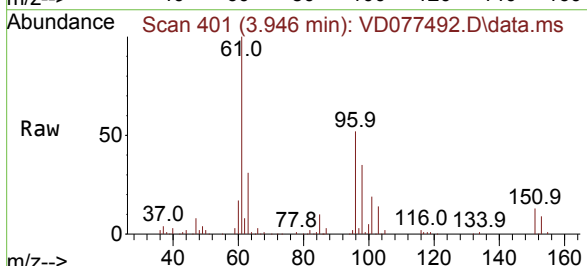
Tgt Ion: 96 Resp: 111316

Ion Ratio Lower Upper

96 100

61 192.2 100.6 150.8#

98 67.1 50.2 75.2

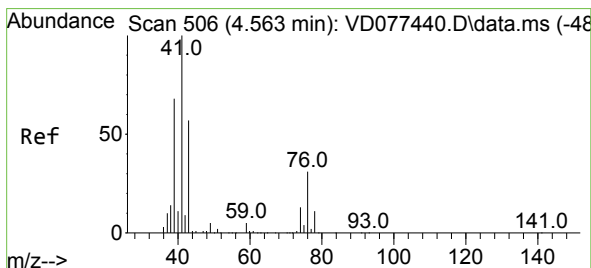
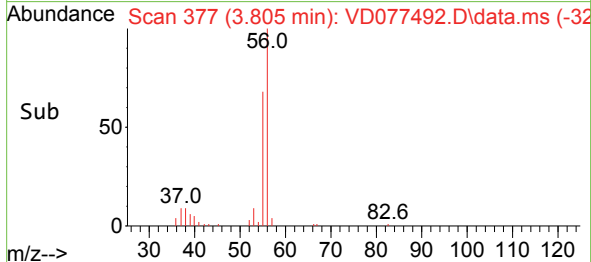
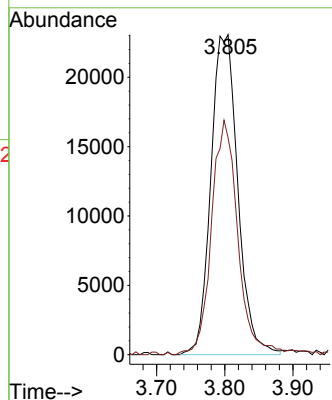
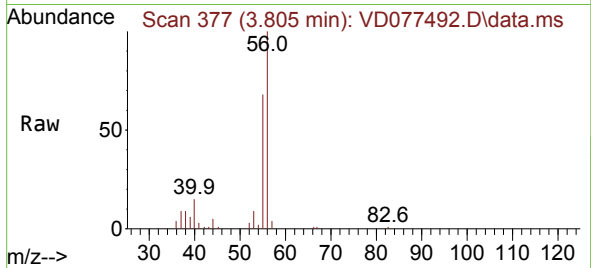




#13
Acrolein
Concen: 184.239 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

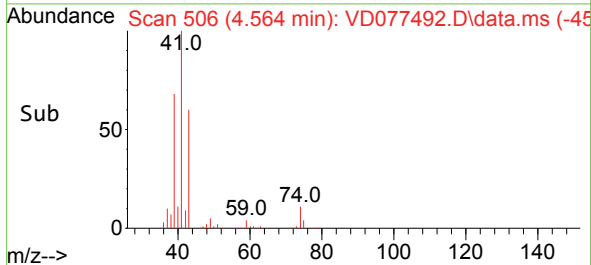
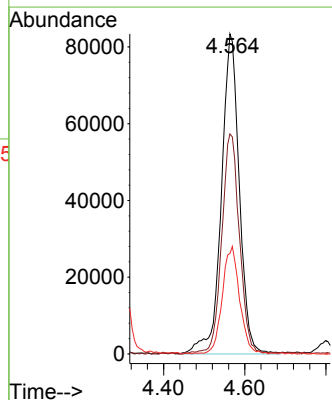
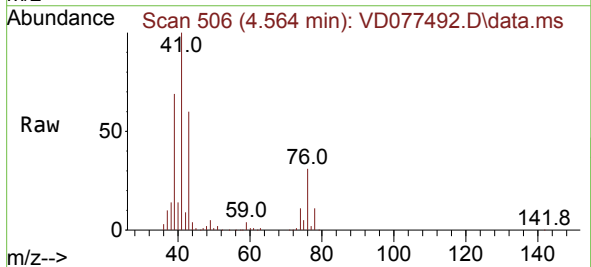
Instrument :
MSVOA_D
ClientSampleId :

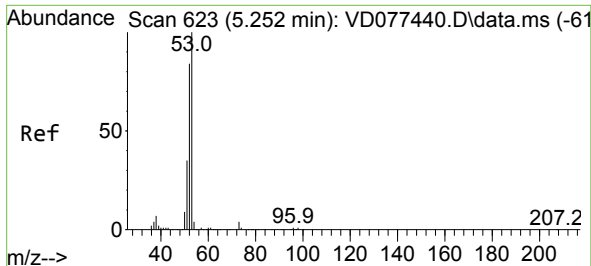
Tgt Ion: 56 Resp: 63552
Ion Ratio Lower Upper
56 100
55 71.3 55.1 82.7



#14
Allyl chloride
Concen: 45.576 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

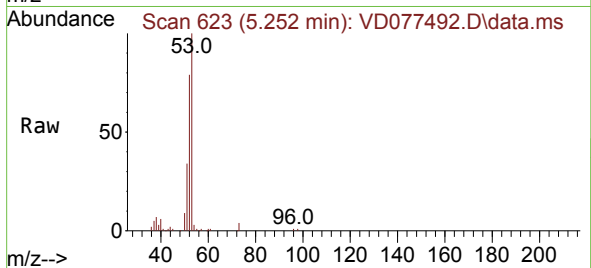
Tgt Ion: 41 Resp: 256534
Ion Ratio Lower Upper
41 100
39 68.0 53.8 80.6
76 32.5 45.8 68.8#



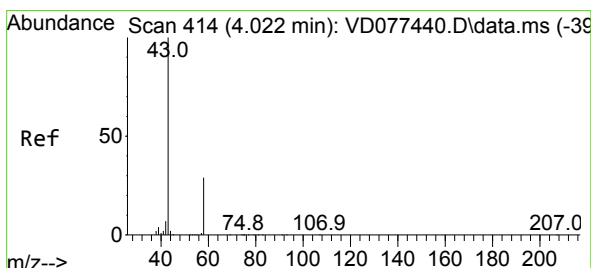
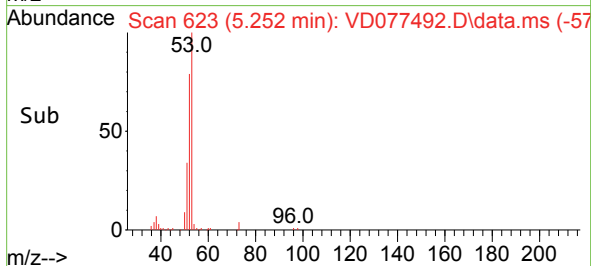
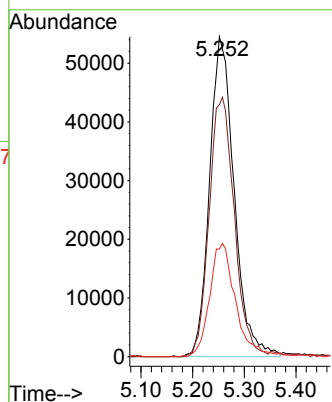


#15
Acrylonitrile
Concen: 226.696 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Instrument :
MSVOA_D
ClientSampleId :

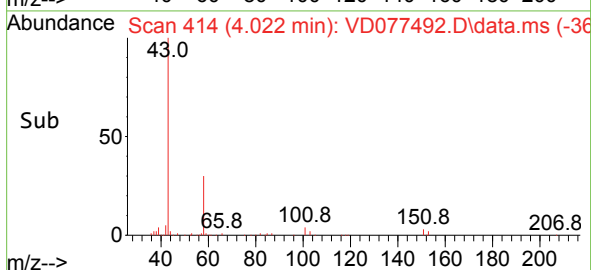
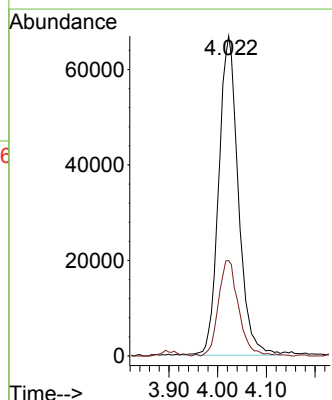
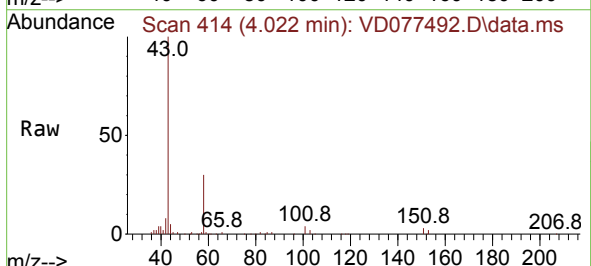


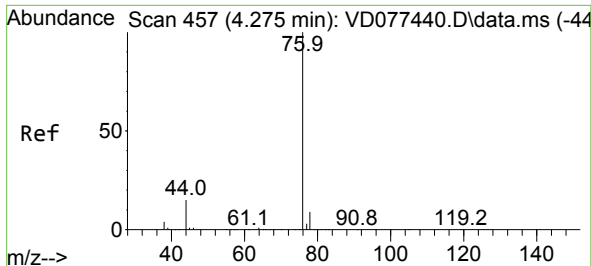
Tgt Ion: 53 Resp: 179836
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 37.5 28.3 42.5



#16
Acetone
Concen: 213.999 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 43 Resp: 186992
Ion Ratio Lower Upper
43 100
58 29.6 34.7 52.1#

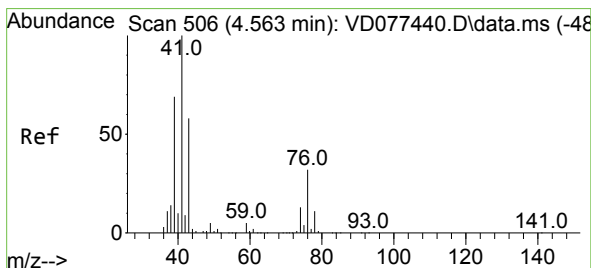
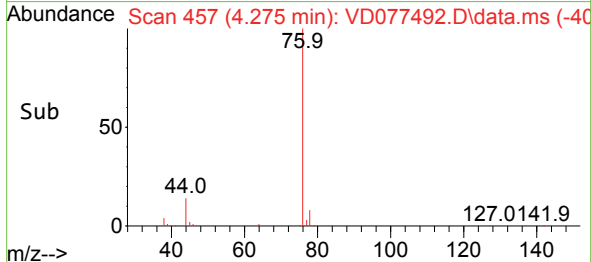
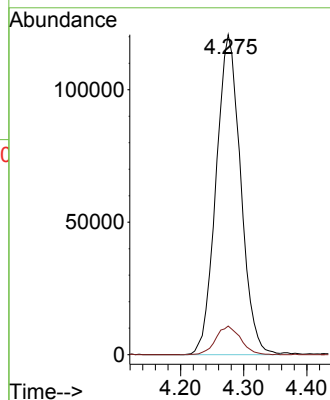
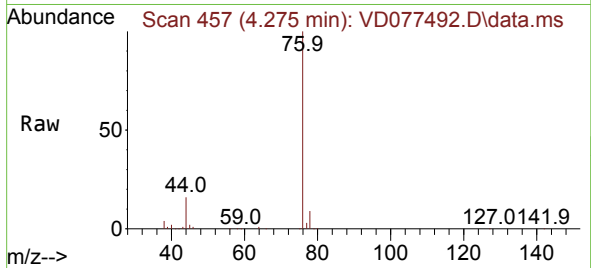




#17
Carbon Disulfide
Concen: 45.768 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

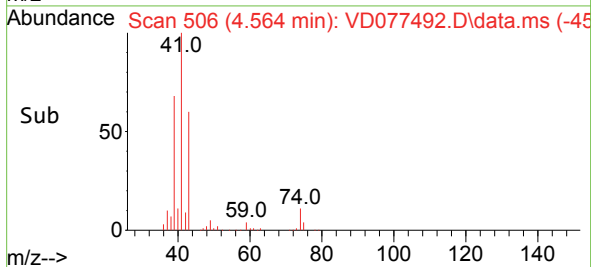
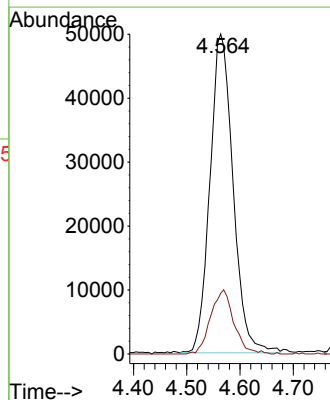
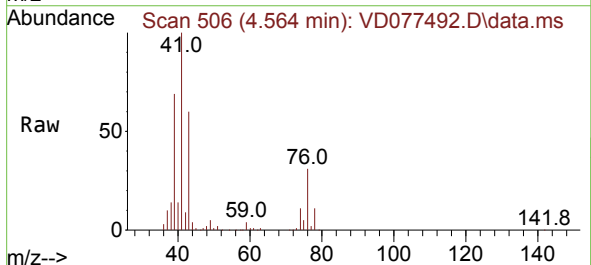
Instrument :
MSVOA_D
ClientSampleId :

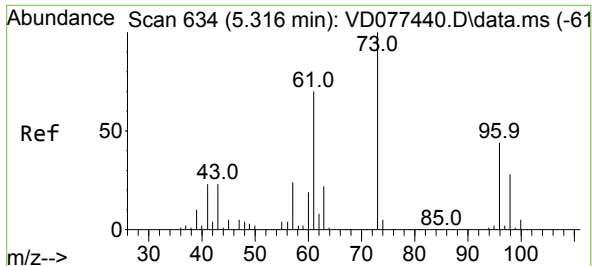
Tgt Ion: 76 Resp: 326923
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 47.243 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 43 Resp: 150579
Ion Ratio Lower Upper
43 100
74 20.2 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 45.467 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

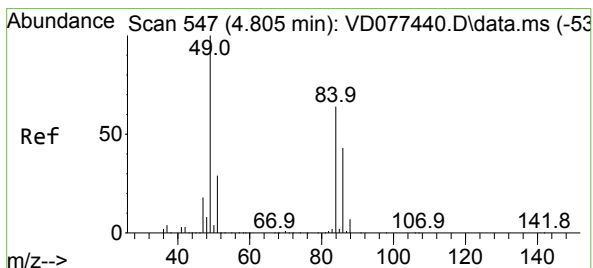
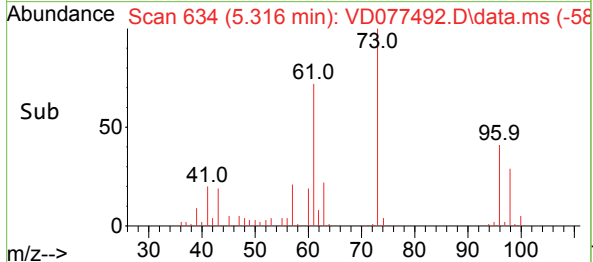
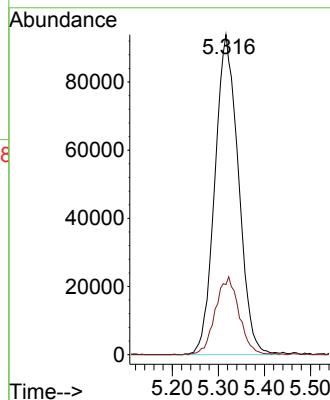
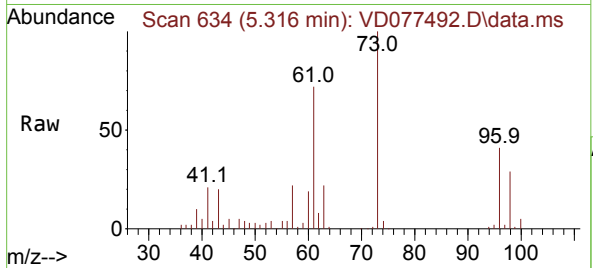
ClientSampleId :

Tgt Ion: 73 Resp: 332997

Ion Ratio Lower Upper

73 100

57 21.9 16.6 25.0



#20

Methylene Chloride

Concen: 47.465 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Tgt Ion: 84 Resp: 156321

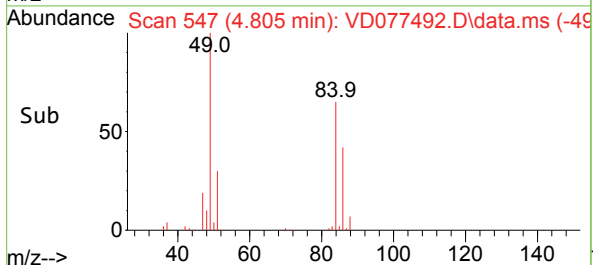
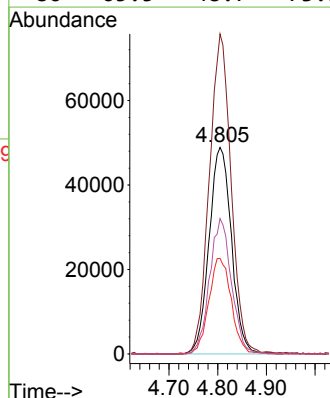
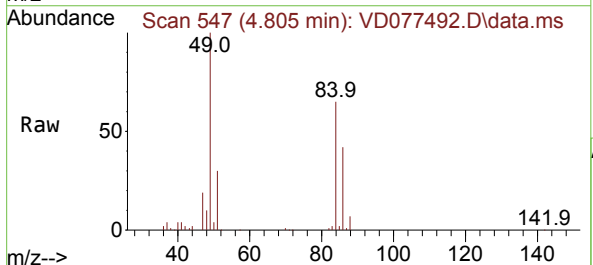
Ion Ratio Lower Upper

84 100

49 154.9 71.4 107.2#

51 45.8 24.5 36.7#

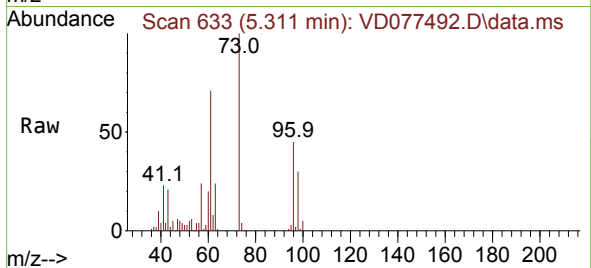
86 65.5 48.7 73.1



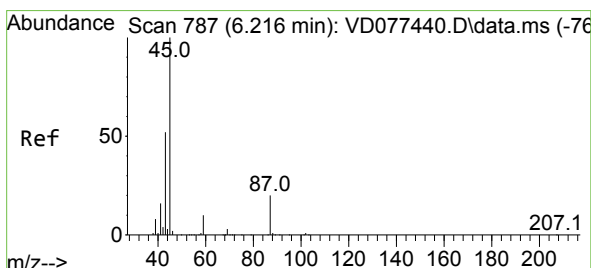
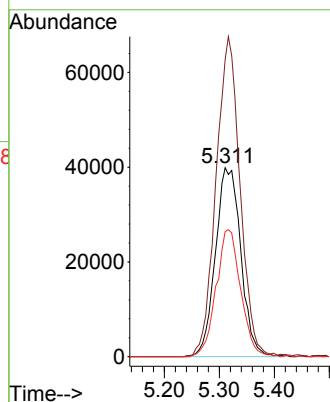
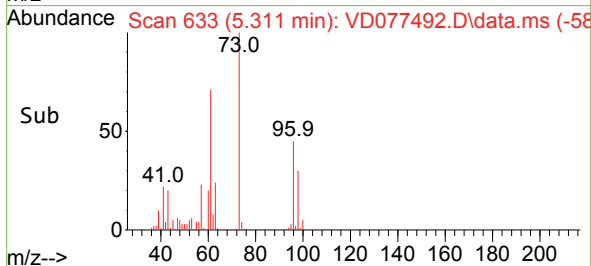


#21
trans-1,2-Dichloroethene
Concen: 47.117 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.001 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

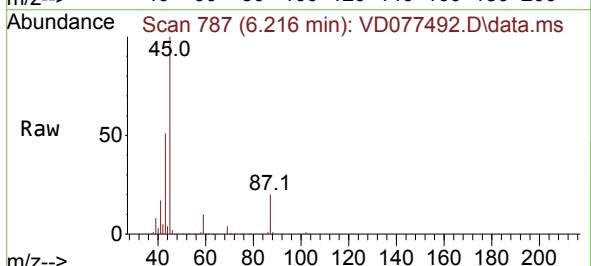
Instrument :
MSVOA_D
ClientSampleId :



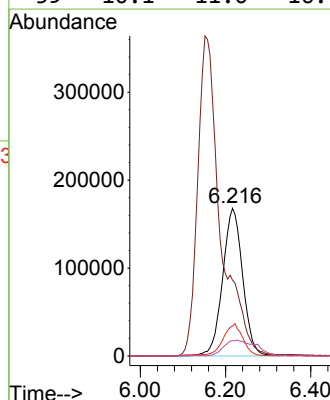
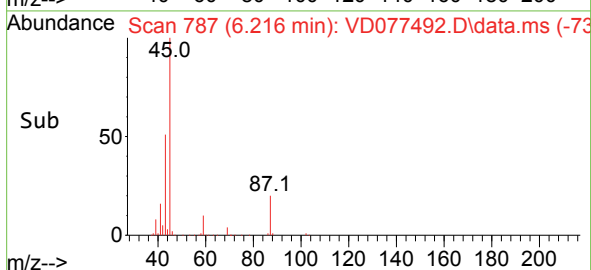
Tgt Ion: 96 Resp: 128034
Ion Ratio Lower Upper
96 100
61 157.3 89.3 133.9#
98 66.2 48.6 73.0

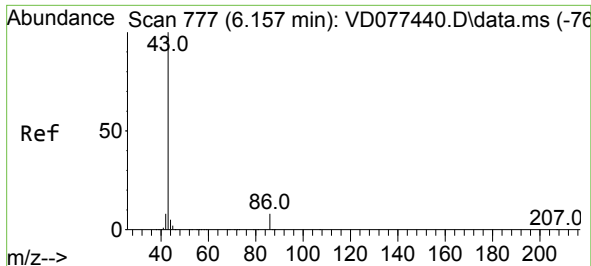


#22
Diisopropyl ether
Concen: 45.956 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22



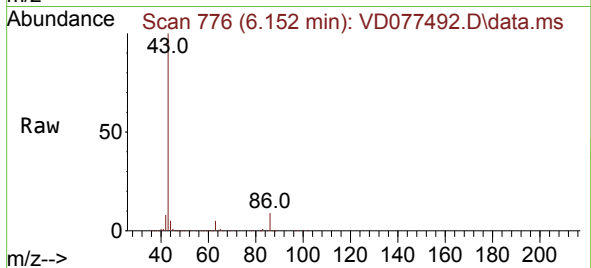
Tgt Ion: 45 Resp: 549772
Ion Ratio Lower Upper
45 100
43 50.7 40.0 60.0
87 20.1 28.2 42.4#
59 10.1 11.0 16.4#



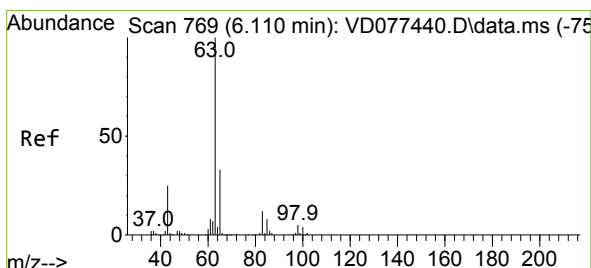
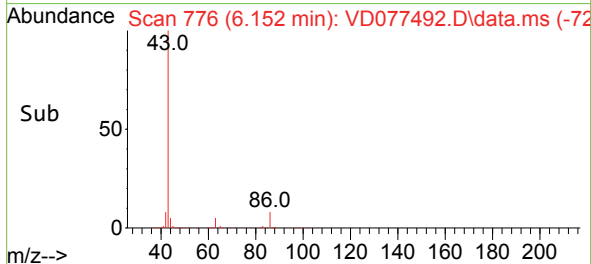
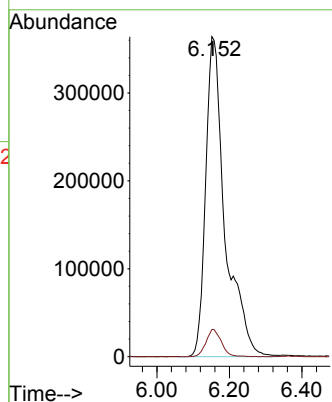


#23
 Vinyl Acetate
 Concen: 262.024 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD077492.D
 Acq: 02 Nov 2023 16:22

Instrument :
 MSVOA_D
 ClientSampleId :

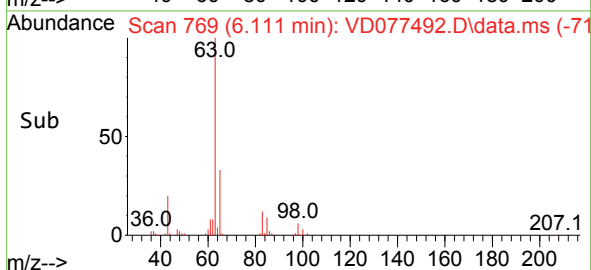
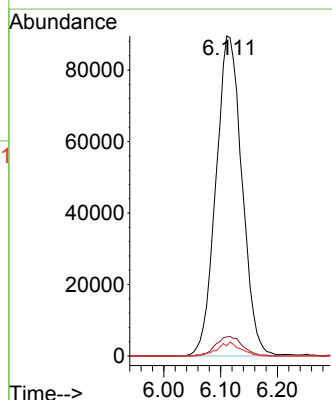
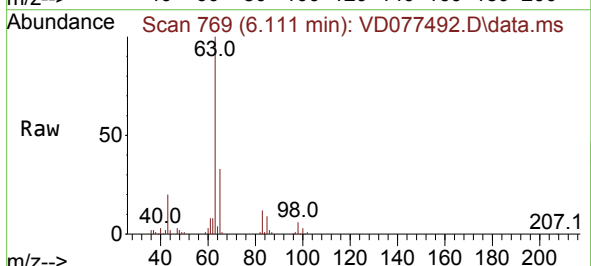


Tgt Ion: 43 Resp: 1352312
 Ion Ratio Lower Upper
 43 100
 86 8.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 45.992 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077492.D
 Acq: 02 Nov 2023 16:22

Tgt Ion: 63 Resp: 285492
 Ion Ratio Lower Upper
 63 100
 98 6.0 4.5 13.7
 100 3.2 2.5 7.5

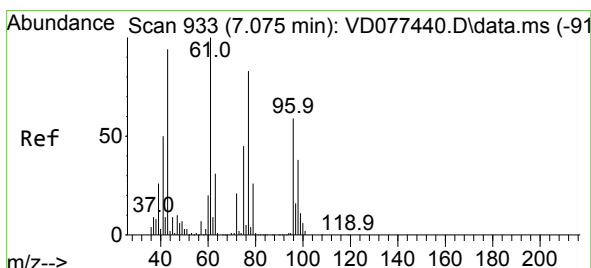
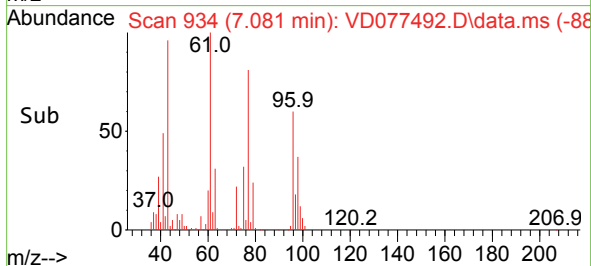
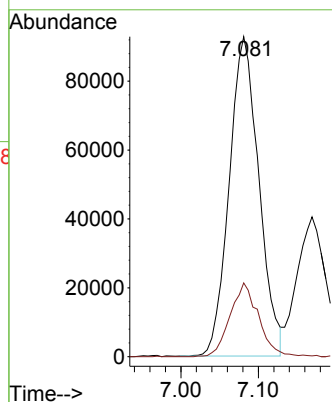
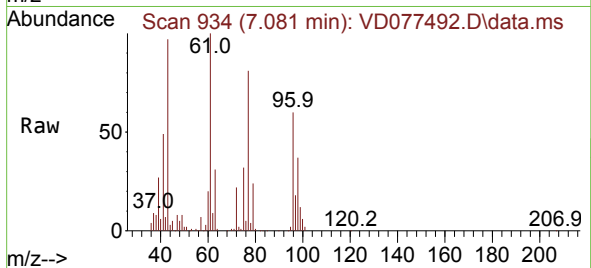




#25
2-Butanone
Concen: 212.002 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

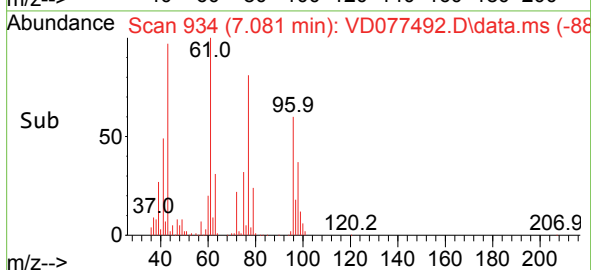
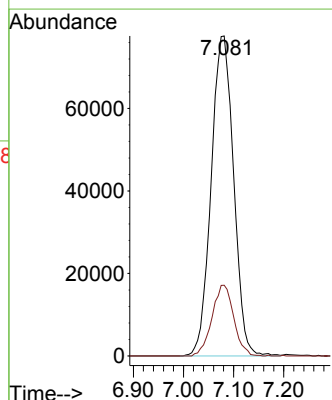
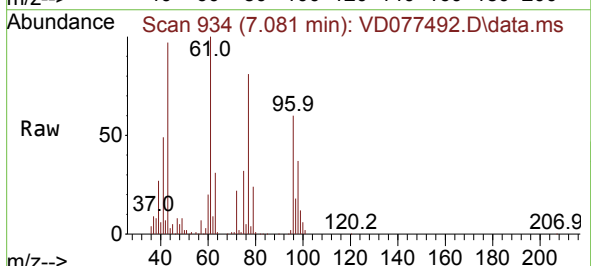
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 247091
Ion Ratio Lower Upper
43 100
72 23.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 43.925 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 77 Resp: 241634
Ion Ratio Lower Upper
77 100
97 21.4 13.2 39.6

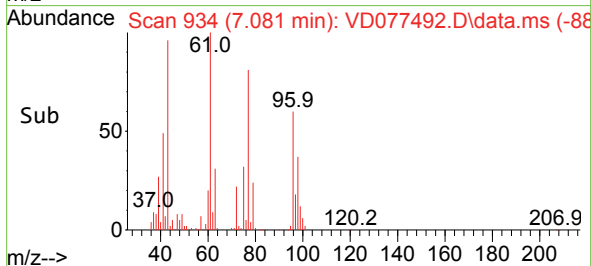
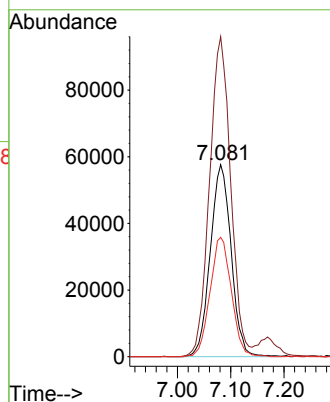
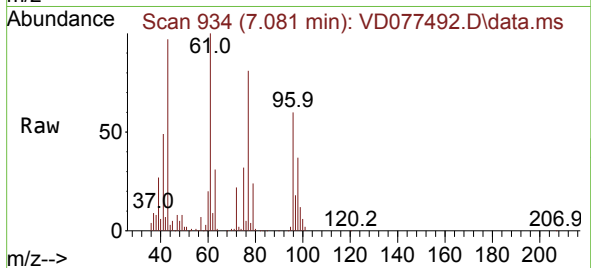




#27
 cis-1,2-Dichloroethene
 Concen: 46.559 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077492.D
 Acq: 02 Nov 2023 16:22

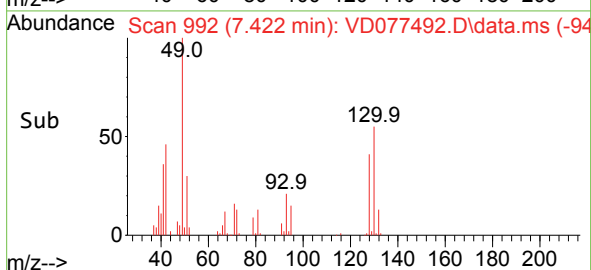
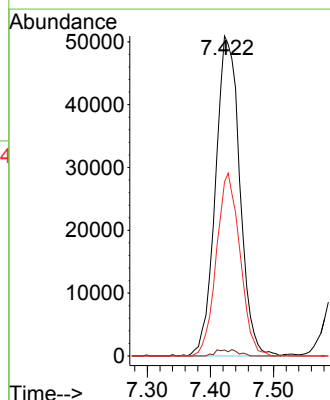
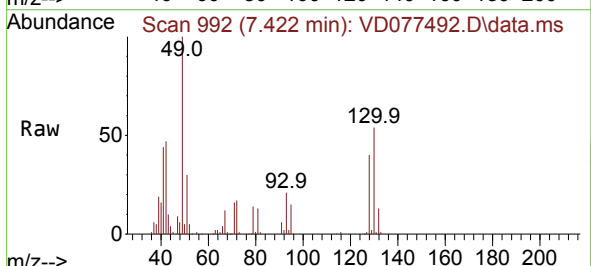
Instrument :
 MSVOA_D
 ClientSampleId :

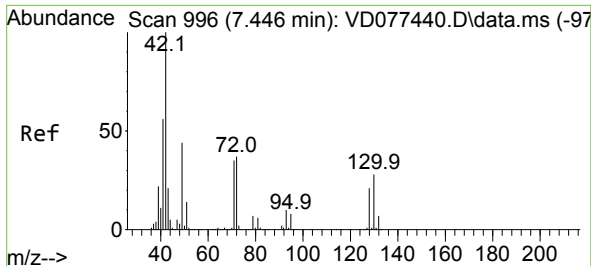
Tgt Ion: 96 Resp: 156743
 Ion Ratio Lower Upper
 96 100
 61 168.7 0.0 239.2
 98 63.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 48.450 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077492.D
 Acq: 02 Nov 2023 16:22

Tgt Ion: 49 Resp: 136153
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 6.0
 130 55.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 217.341 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

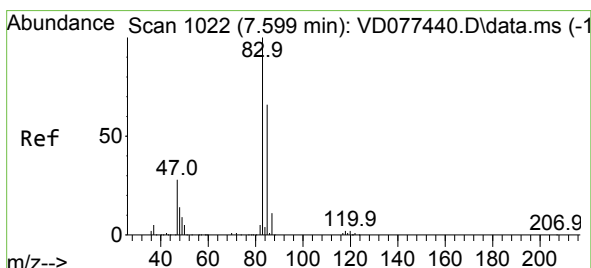
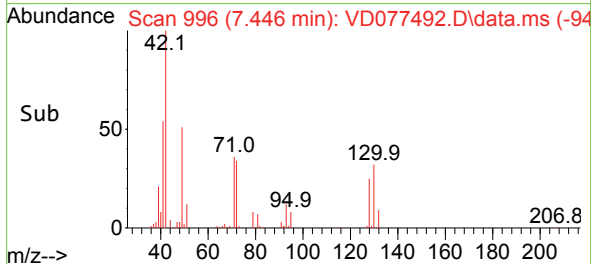
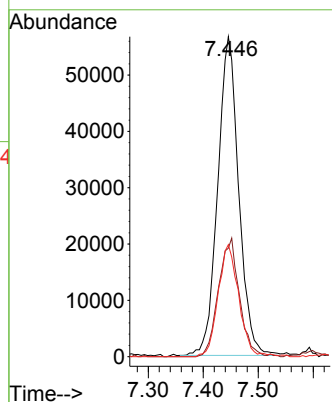
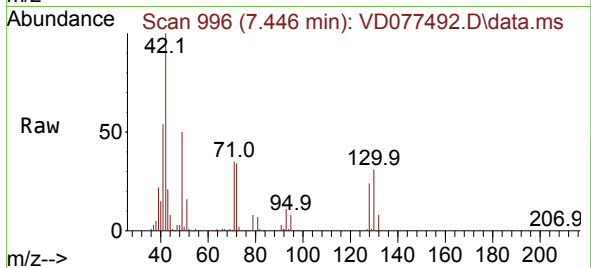
Tgt Ion: 42 Resp: 150237

Ion Ratio Lower Upper

42 100

72 36.8 46.5 69.7#

71 34.5 44.5 66.7#



#30

Chloroform

Concen: 45.743 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077492.D

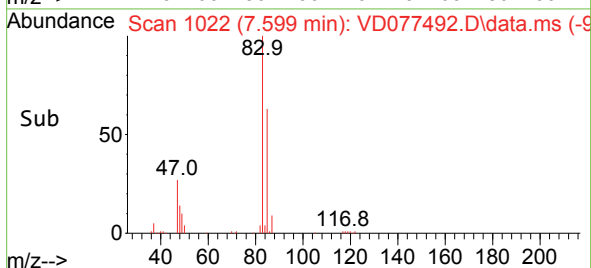
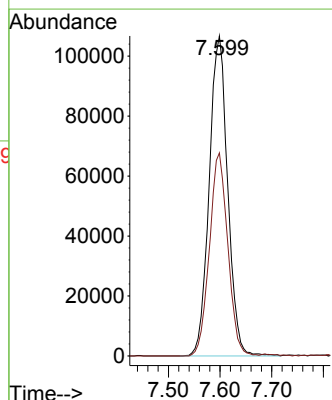
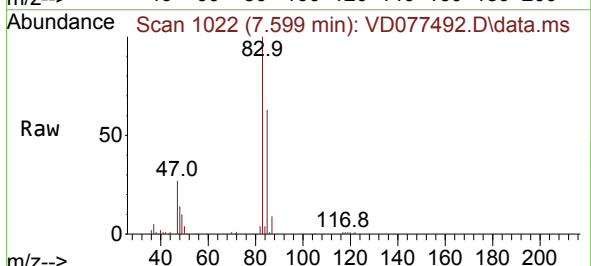
Acq: 02 Nov 2023 16:22

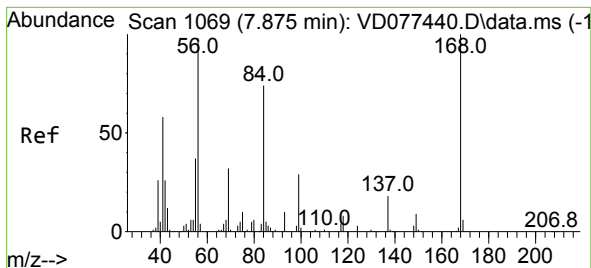
Tgt Ion: 83 Resp: 265122

Ion Ratio Lower Upper

83 100

85 63.5 53.4 80.2





#31

Cyclohexane

Concen: 46.869 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

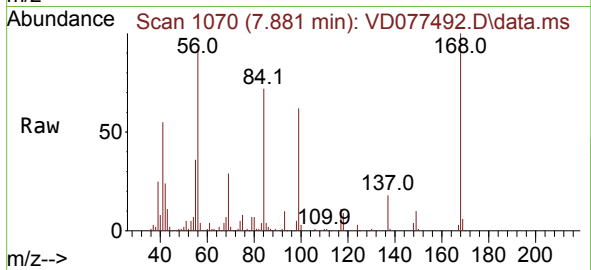
Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :



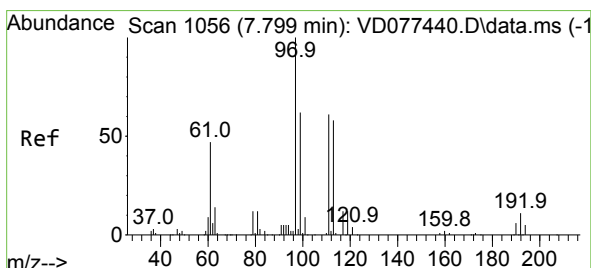
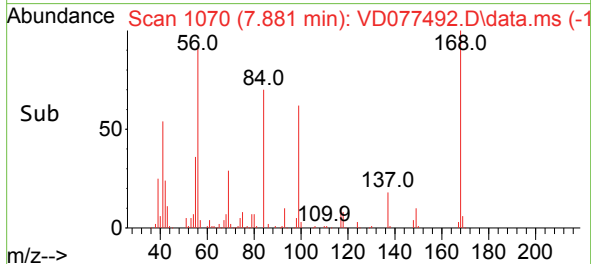
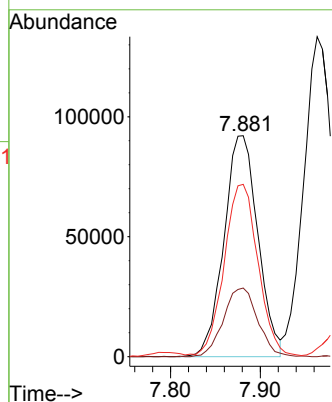
Tgt Ion: 56 Resp: 241945

Ion Ratio Lower Upper

56 100

69 30.9 28.6 43.0

84 76.6 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 45.404 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

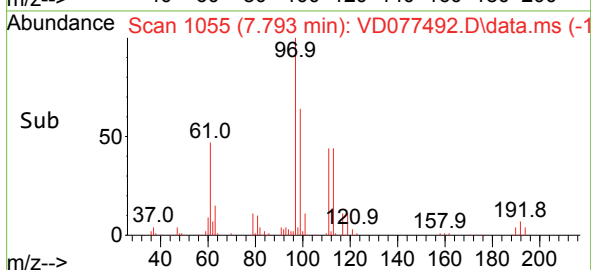
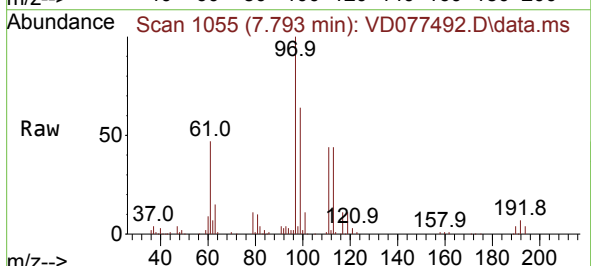
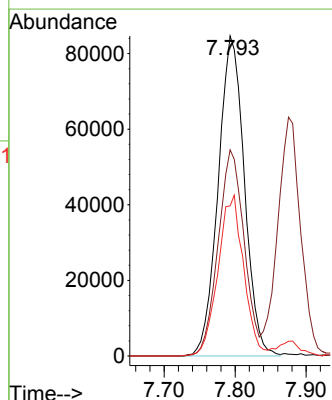
Tgt Ion: 97 Resp: 216816

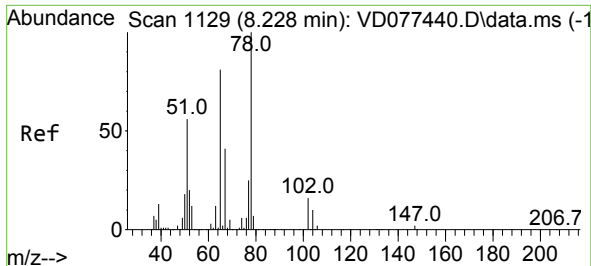
Ion Ratio Lower Upper

97 100

99 63.7 52.0 78.0

61 49.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.394 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

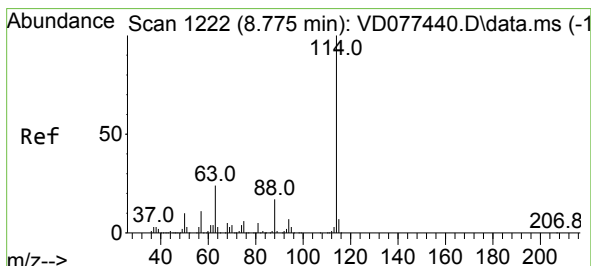
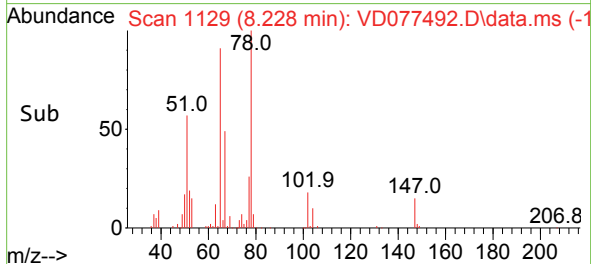
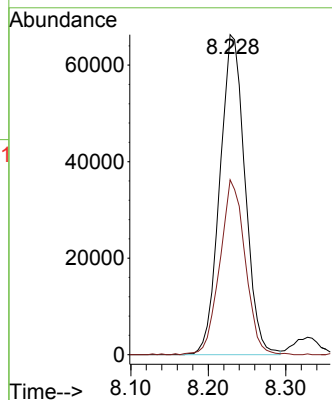
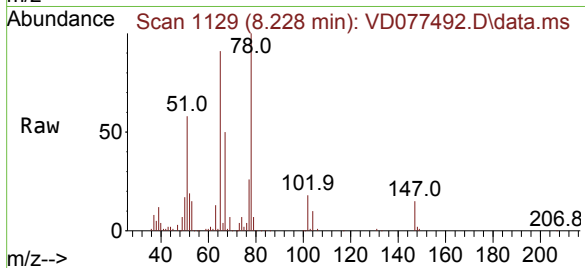
ClientSampleId :

Tgt Ion: 65 Resp: 149901

Ion Ratio Lower Upper

65 100

67 54.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

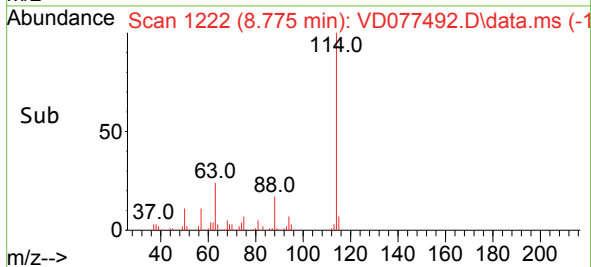
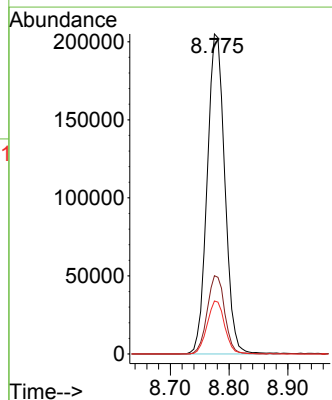
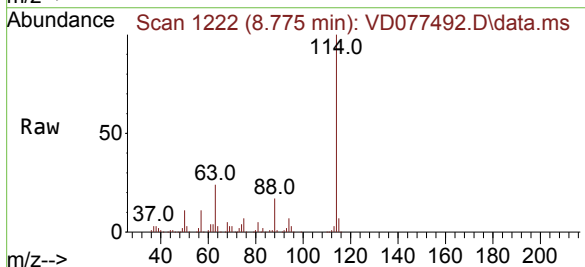
Tgt Ion: 114 Resp: 425980

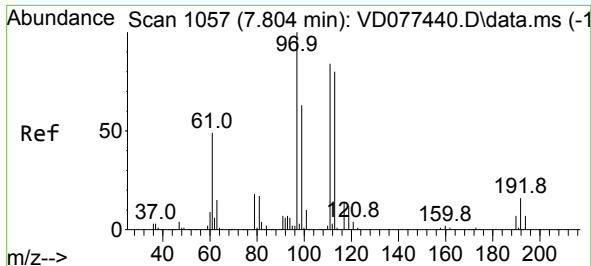
Ion Ratio Lower Upper

114 100

63 24.4 0.0 33.4

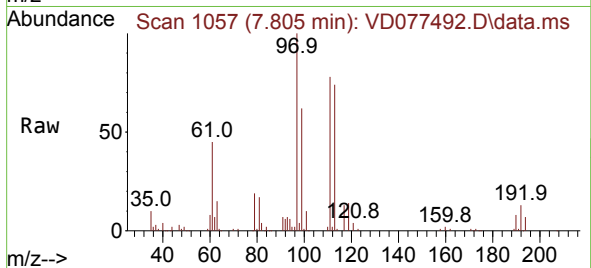
88 16.5 0.0 26.2



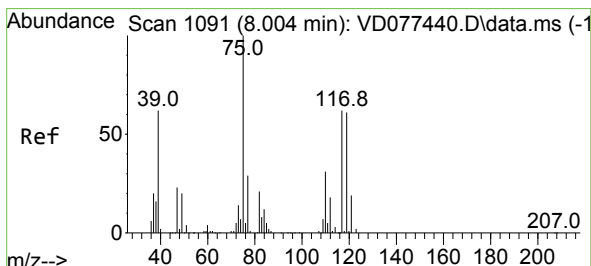
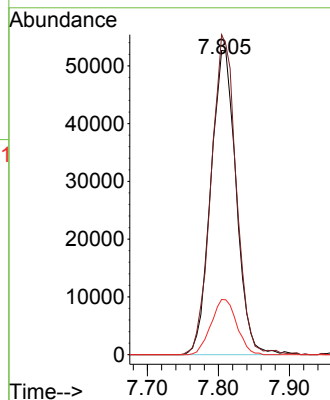
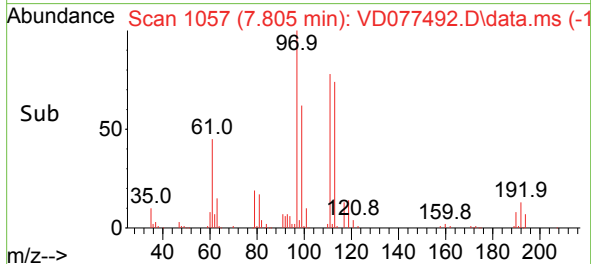


#35
Dibromofluoromethane
Concen: 44.397 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

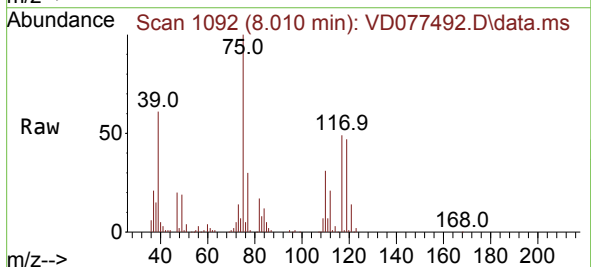
Instrument :
MSVOA_D
ClientSampleId :



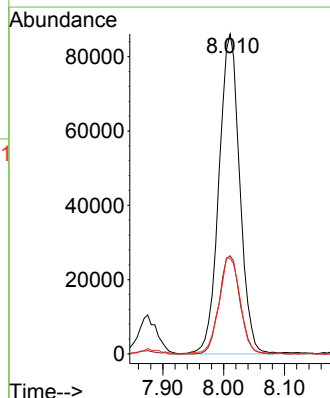
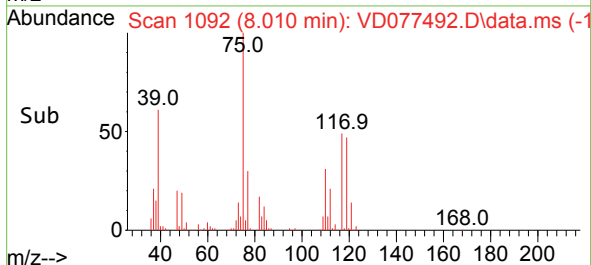
Tgt Ion:113 Resp: 130713
Ion Ratio Lower Upper
113 100
111 103.9 84.7 127.1
192 18.3 16.8 25.2

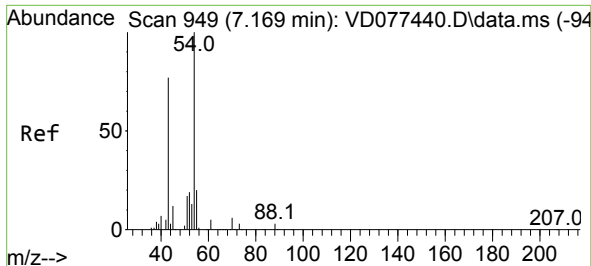


#36
1,1-Dichloropropene
Concen: 46.859 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22



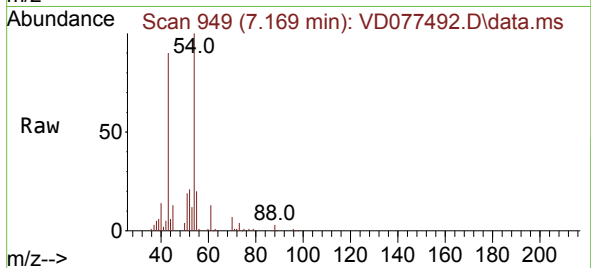
Tgt Ion: 75 Resp: 204550
Ion Ratio Lower Upper
75 100
110 30.6 19.9 59.6
77 30.7 24.7 37.1



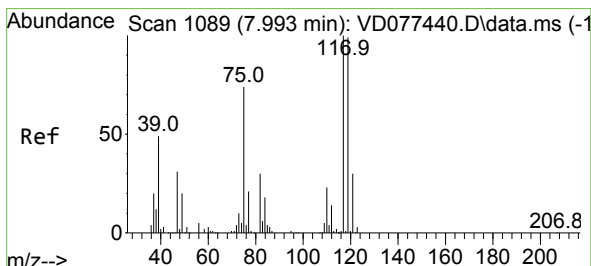
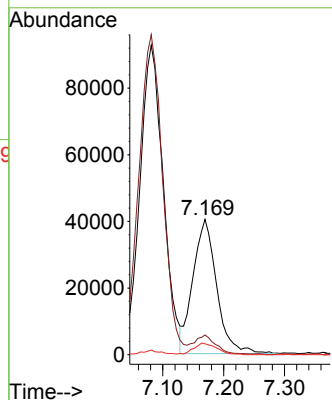
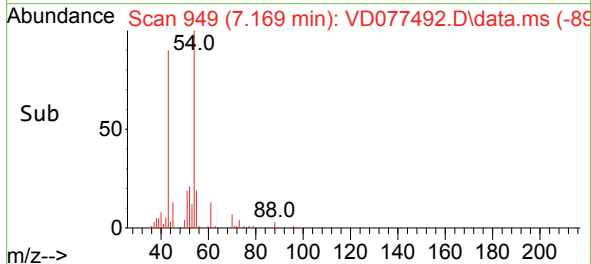


#37
Ethyl Acetate
Concen: 43.604 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Instrument :
MSVOA_D
ClientSampleId :

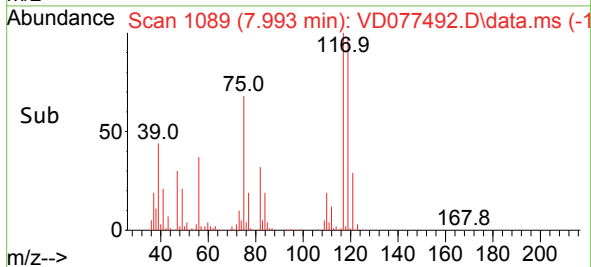
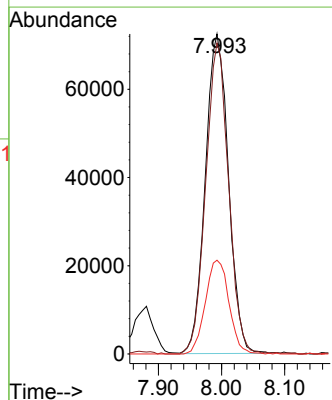
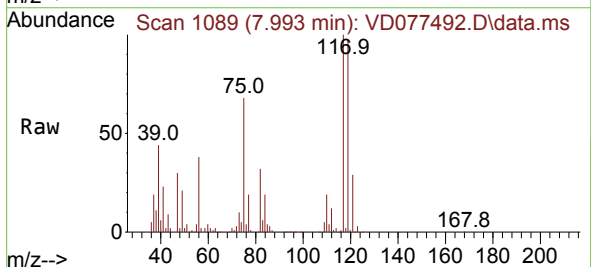


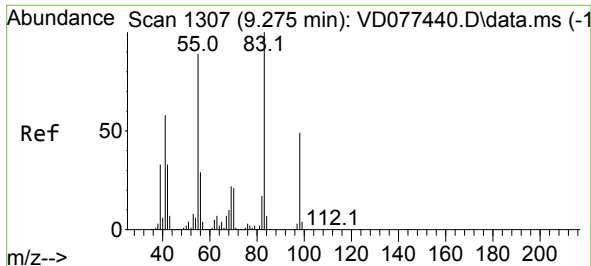
Tgt Ion: 43 Resp: 109236
Ion Ratio Lower Upper
43 100
61 12.8 14.9 22.3#
70 8.4 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 44.869 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 117 Resp: 184568
Ion Ratio Lower Upper
117 100
119 97.4 78.0 117.0
121 29.4 24.2 36.2





#39

Methylcyclohexane

Concen: 47.245 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

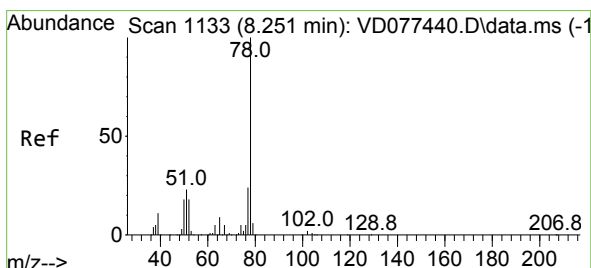
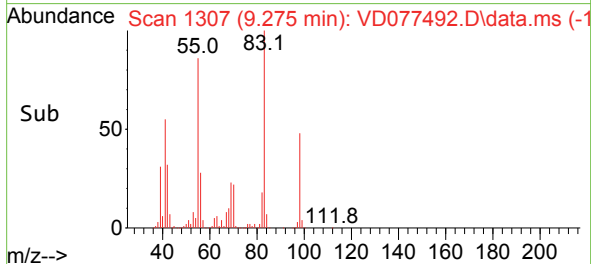
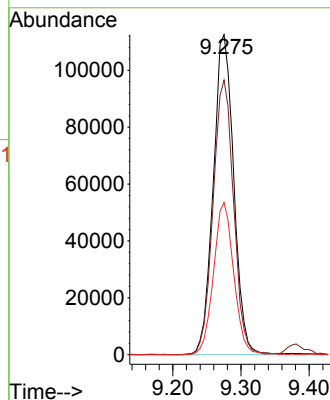
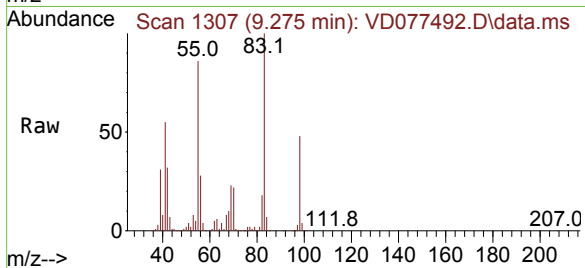
Tgt Ion: 83 Resp: 235316

Ion Ratio Lower Upper

83 100

55 85.8 49.4 74.0#

98 47.6 38.4 57.6



#40

Benzene

Concen: 46.627 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077492.D

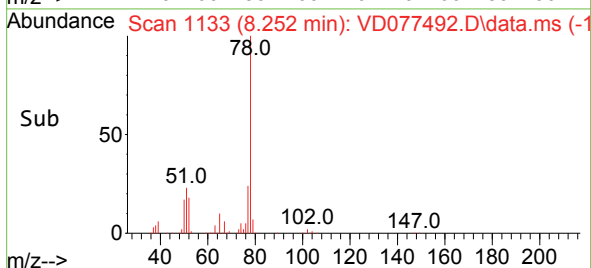
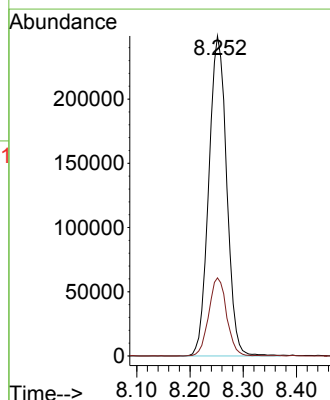
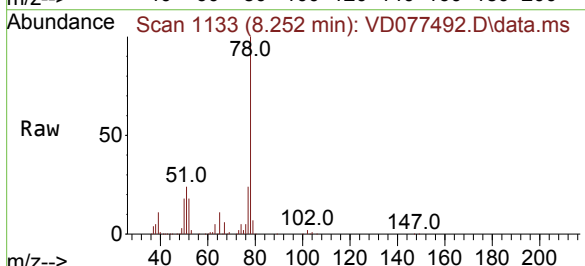
Acq: 02 Nov 2023 16:22

Tgt Ion: 78 Resp: 580400

Ion Ratio Lower Upper

78 100

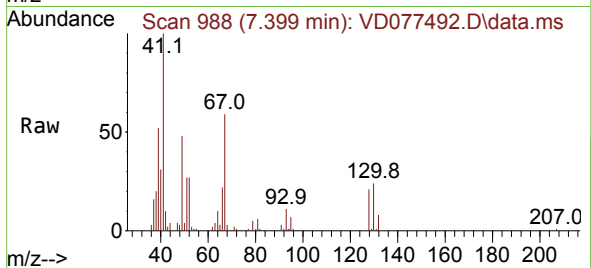
77 24.3 19.4 29.0



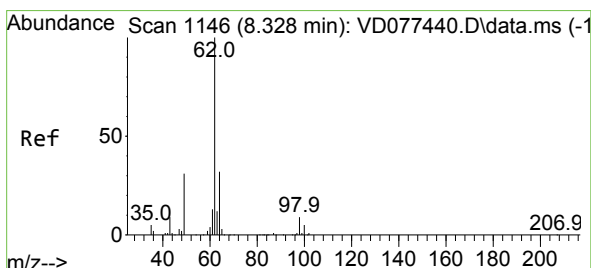
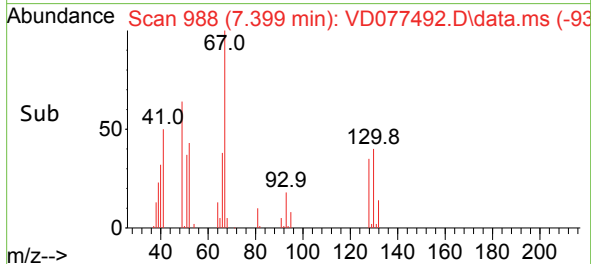
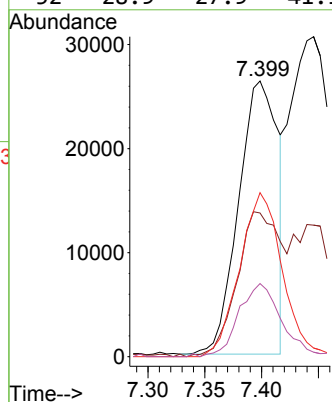


#41
Methacrylonitrile
Concen: 39.370 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Instrument :
MSVOA_D
ClientSampleId :

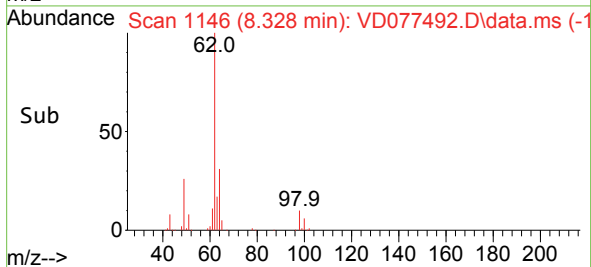
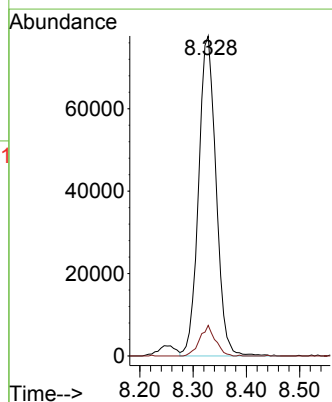
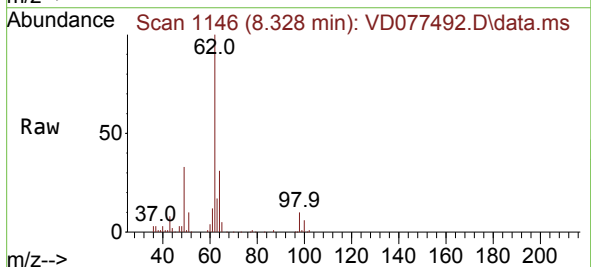


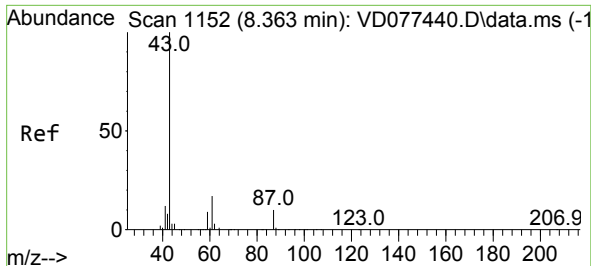
Tgt Ion: 41 Resp: 63108
Ion Ratio Lower Upper
41 100
39 60.4 34.0 51.0#
67 65.2 77.0 115.4#
52 28.9 27.9 41.9



#42
1,2-Dichloroethane
Concen: 44.716 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

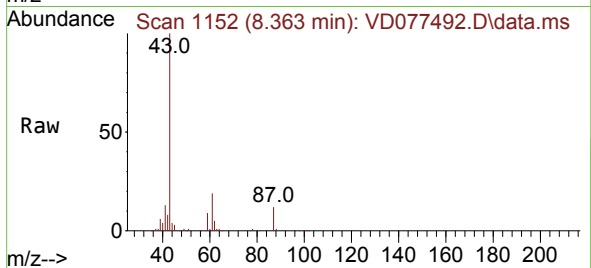
Tgt Ion: 62 Resp: 176294
Ion Ratio Lower Upper
62 100
98 8.5 0.0 25.4



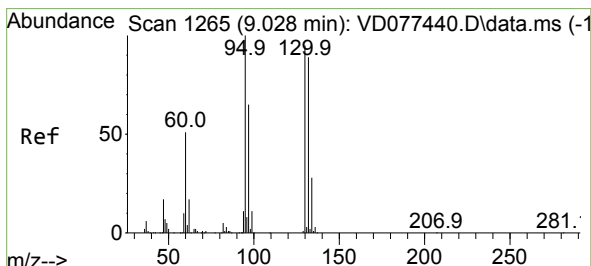
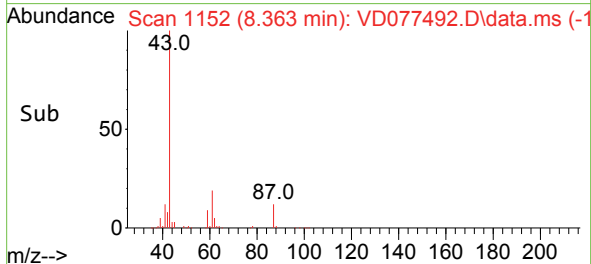
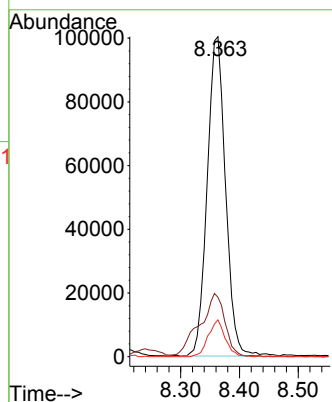


#43
Isopropyl Acetate
Concen: 42.052 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Instrument :
MSVOA_D
ClientSampleId :

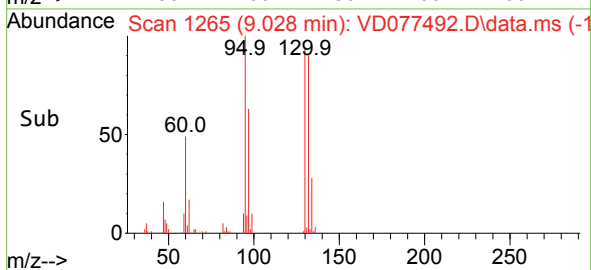
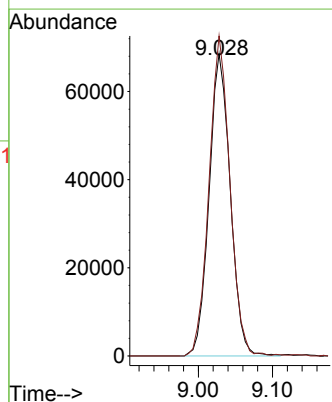
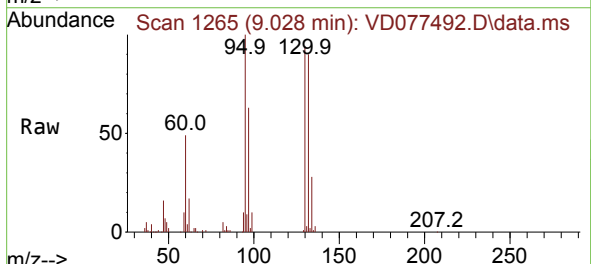


Tgt Ion: 43 Resp: 217399
Ion Ratio Lower Upper
43 100
61 26.5 31.4 47.0#
87 10.6 14.9 22.3#



#44
Trichloroethene
Concen: 44.631 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion:130 Resp: 136085
Ion Ratio Lower Upper
130 100
95 105.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 45.513 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

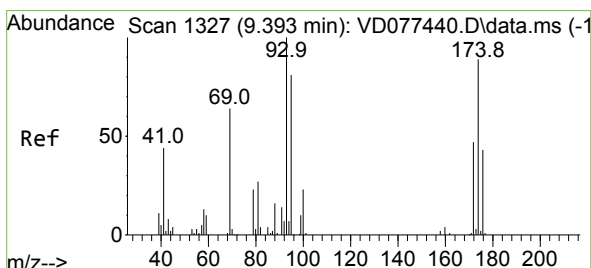
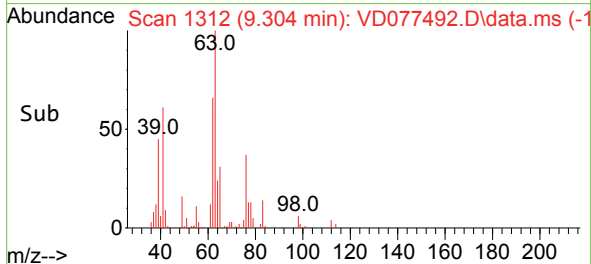
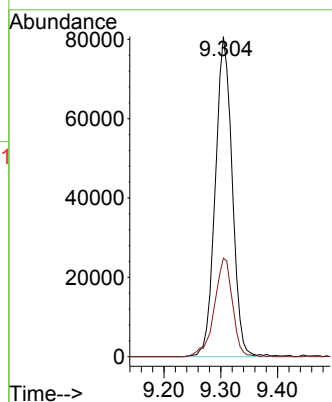
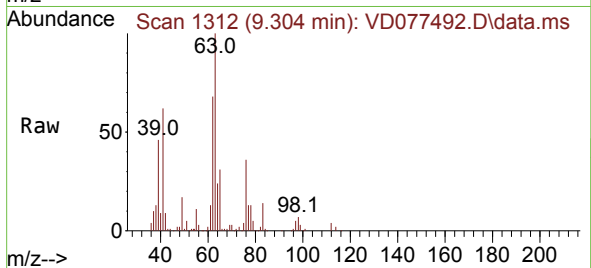
ClientSampleId :

Tgt Ion: 63 Resp: 166791

Ion Ratio Lower Upper

63 100

65 30.8 24.5 36.7



#46

Dibromomethane

Concen: 43.053 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

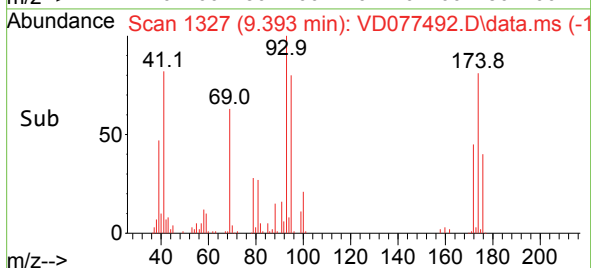
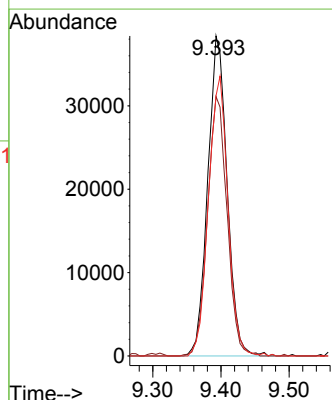
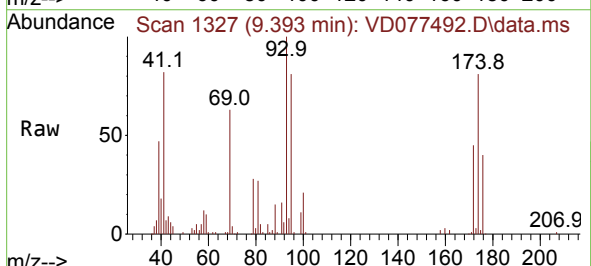
Tgt Ion: 93 Resp: 75928

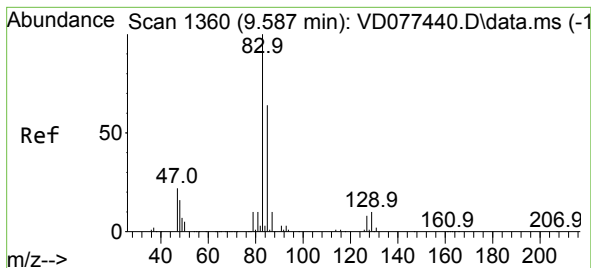
Ion Ratio Lower Upper

93 100

95 82.0 67.7 101.5

174 88.0 85.4 128.2





#47

Bromodichloromethane

Concen: 44.669 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

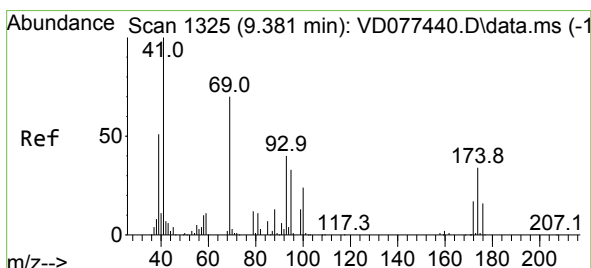
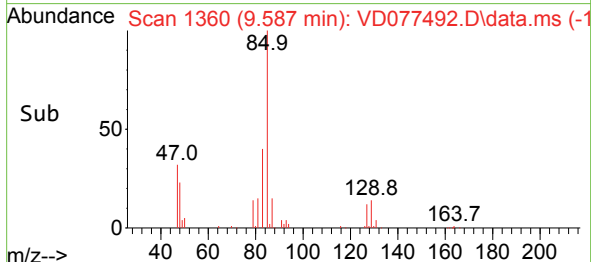
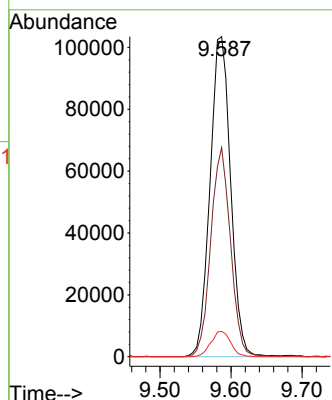
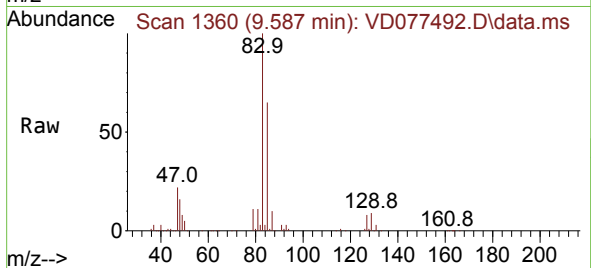
Tgt Ion: 83 Resp: 208221

Ion Ratio Lower Upper

83 100

85 65.3 50.2 75.4

127 7.9 6.3 9.5



#48

Methyl methacrylate

Concen: 42.648 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

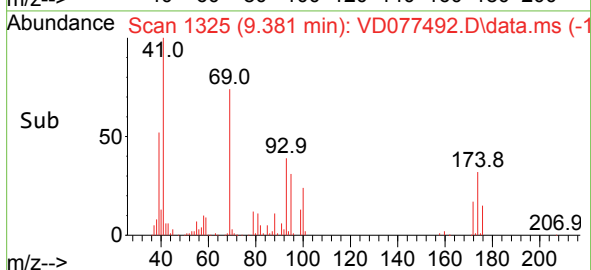
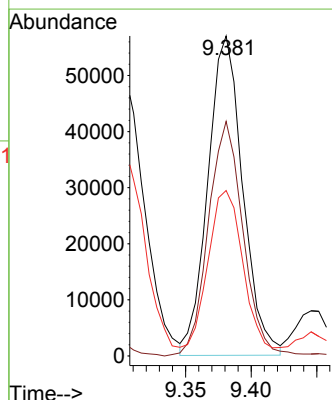
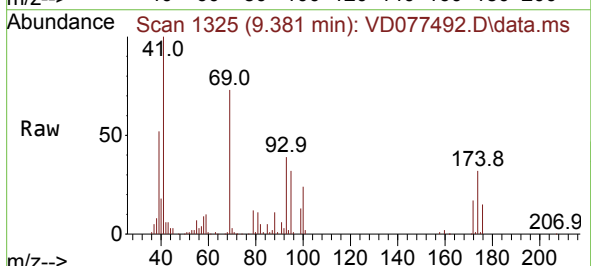
Tgt Ion: 41 Resp: 105243

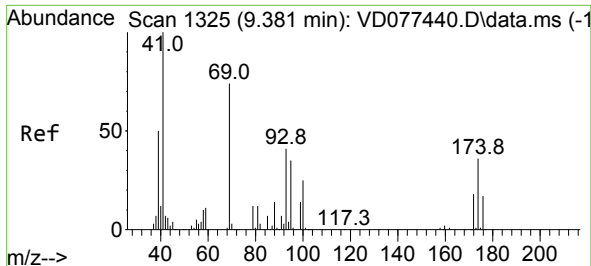
Ion Ratio Lower Upper

41 100

69 73.4 102.2 153.2#

39 48.5 41.4 62.2





#49

1,4-Dioxane

Concen: 802.307 ug/l

RT: 9.381 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

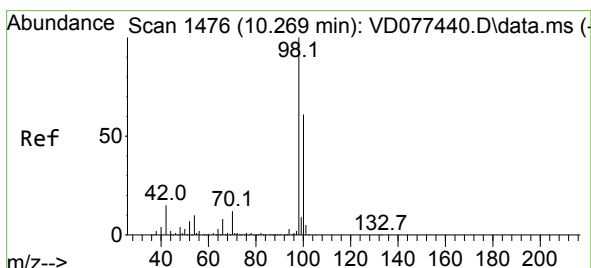
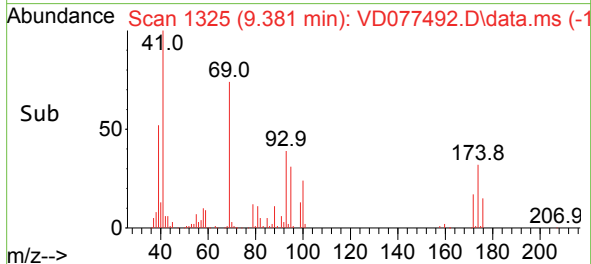
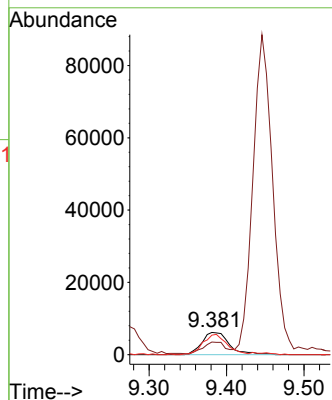
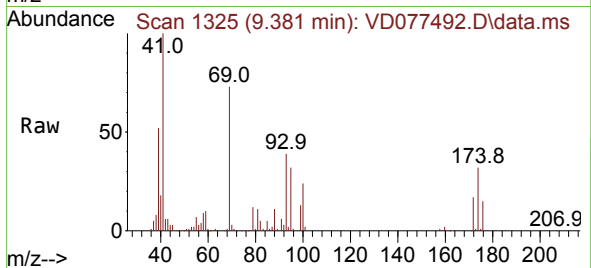
Tgt Ion: 88 Resp: 15204

Ion Ratio Lower Upper

88 100

43 42.7 19.0 28.6#

58 79.9 43.5 65.3#



#50

Toluene-d8

Concen: 46.835 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077492.D

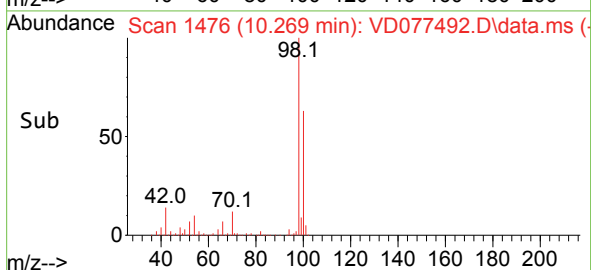
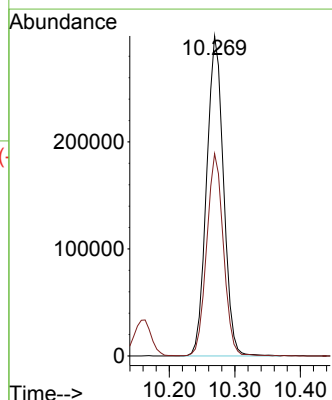
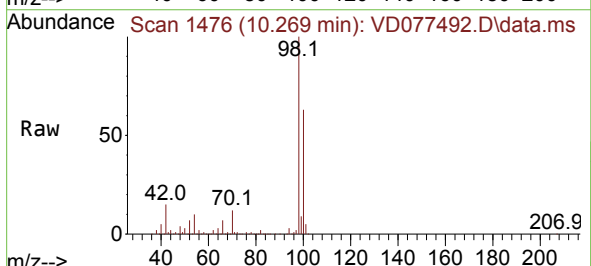
Acq: 02 Nov 2023 16:22

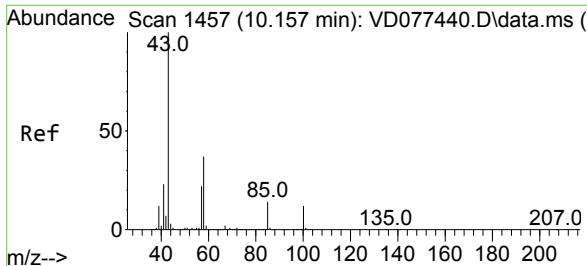
Tgt Ion: 98 Resp: 535603

Ion Ratio Lower Upper

98 100

100 62.6 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 212.242 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

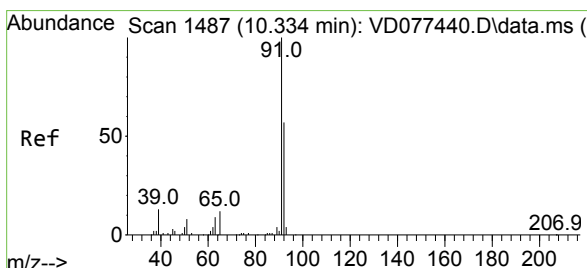
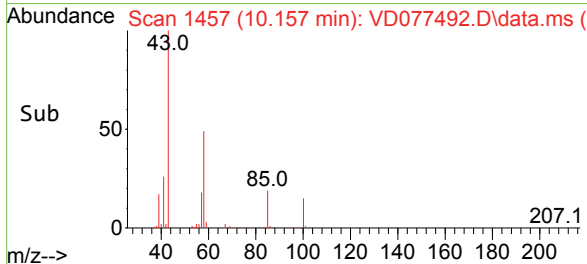
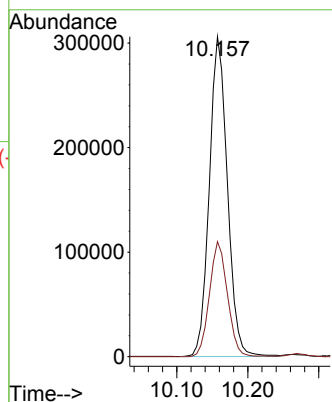
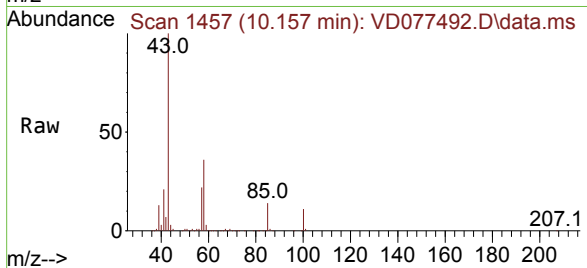
ClientSampleId :

Tgt Ion: 43 Resp: 540074

Ion Ratio Lower Upper

43 100

58 35.9 38.9 58.3#



#52

Toluene

Concen: 45.721 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD077492.D

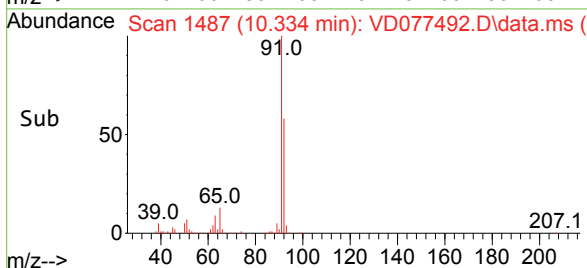
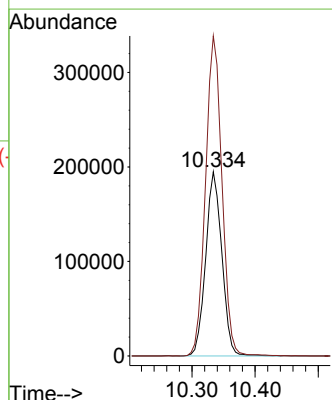
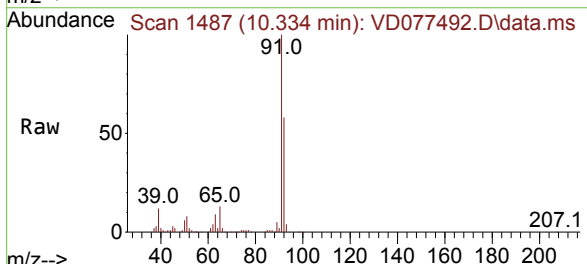
Acq: 02 Nov 2023 16:22

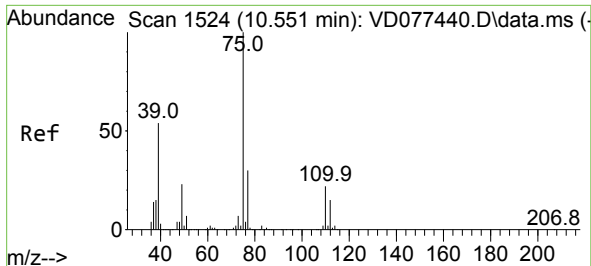
Tgt Ion: 92 Resp: 346949

Ion Ratio Lower Upper

92 100

91 176.7 143.0 214.4

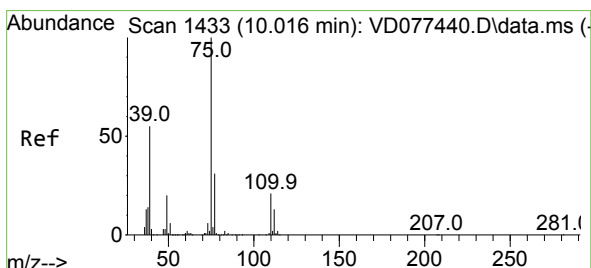
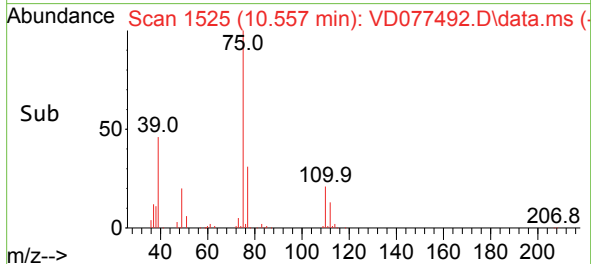
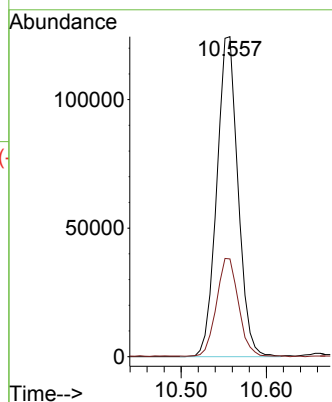
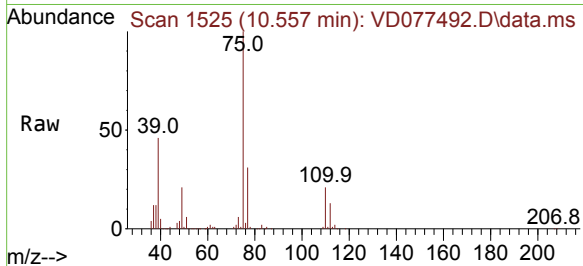




#53
t-1,3-Dichloropropene
Concen: 43.663 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

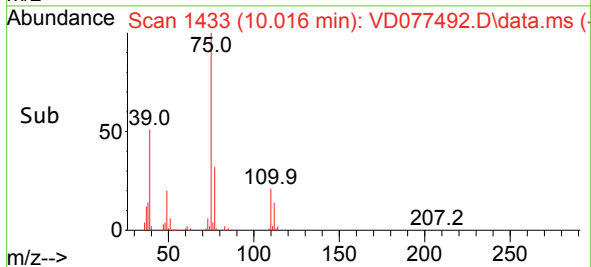
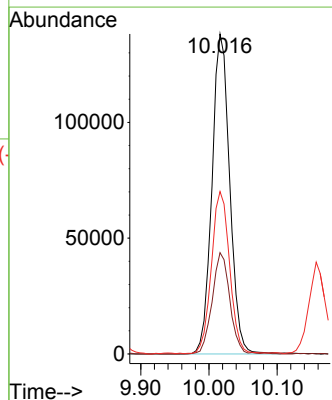
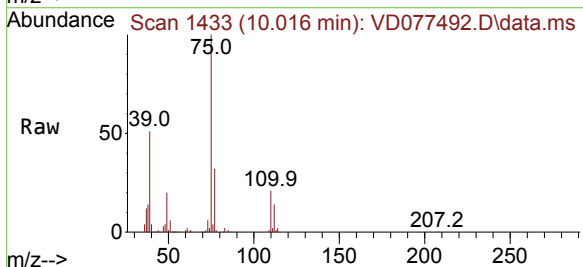
Instrument :
MSVOA_D
ClientSampleId :

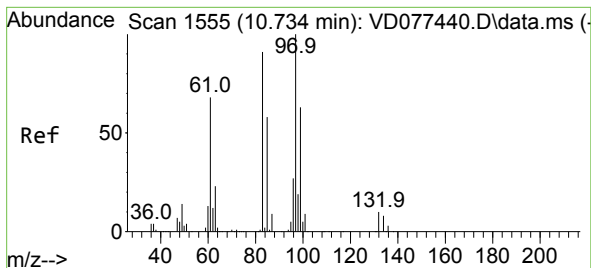
Tgt Ion: 75 Resp: 215516
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 44.182 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 75 Resp: 250960
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 50.5 22.1 33.1#

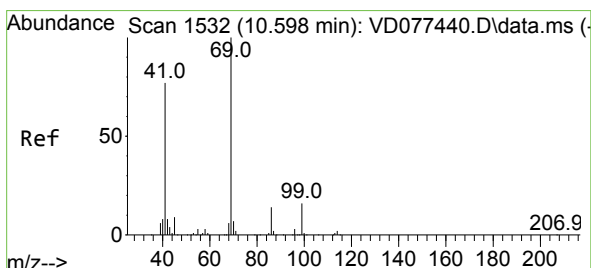
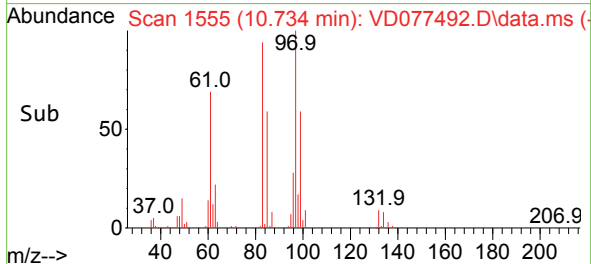
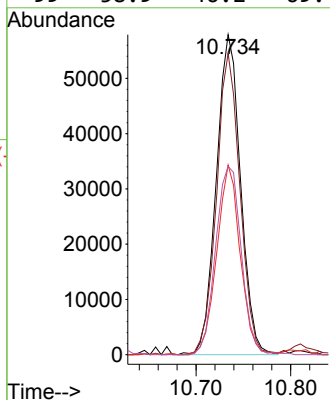
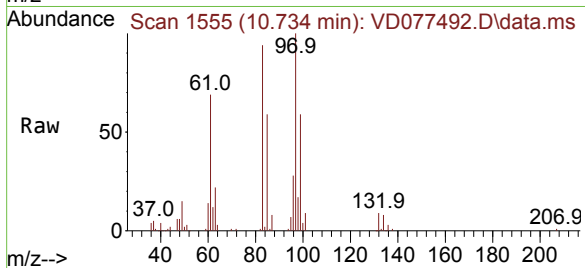




#55
1,1,2-Trichloroethane
Concen: 43.849 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

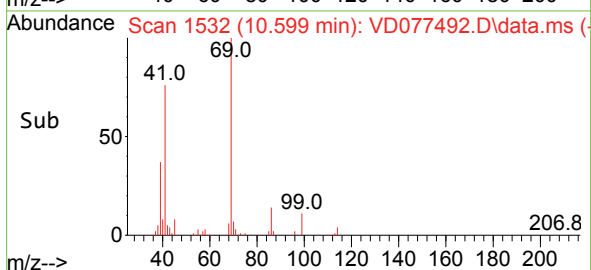
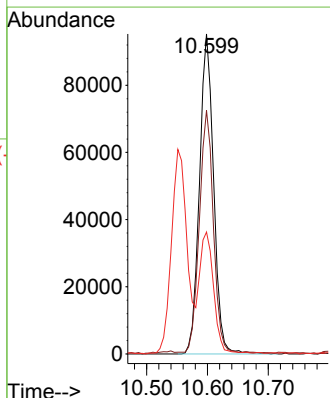
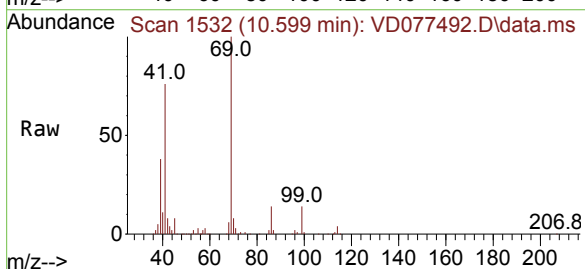
Instrument :
MSVOA_D
ClientSampleId :

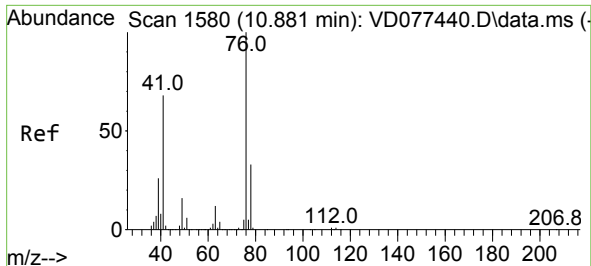
Tgt Ion:	97	Resp:	103174
Ion	Ratio	Lower	Upper
97	100		
83	94.1	65.8	98.6
85	59.2	45.7	68.5
99	58.9	46.2	69.4



#56
Ethyl methacrylate
Concen: 44.036 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion:	69	Resp:	154054
Ion	Ratio	Lower	Upper
69	100		
41	74.4	39.1	58.7#
39	36.5	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 44.606 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

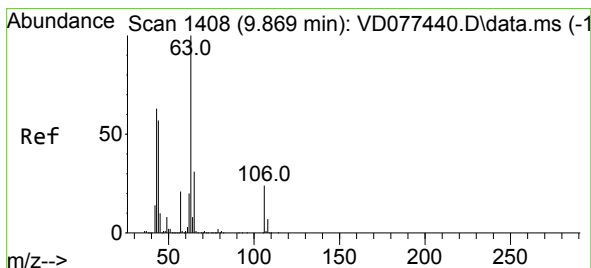
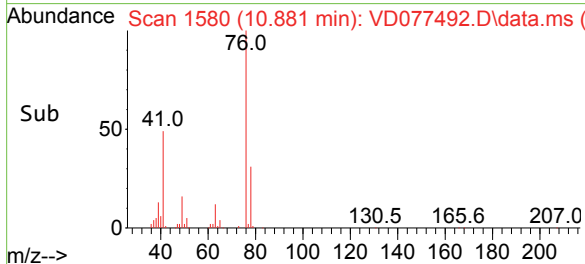
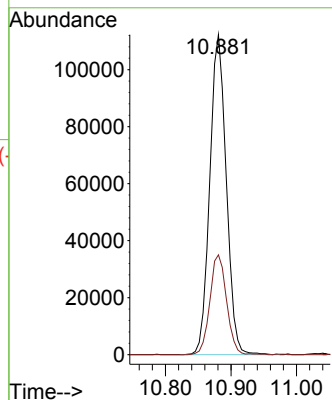
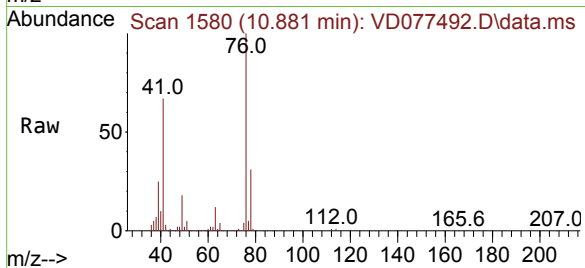
ClientSampleId :

Tgt Ion: 76 Resp: 196174

Ion Ratio Lower Upper

76 100

78 31.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 229.686 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077492.D

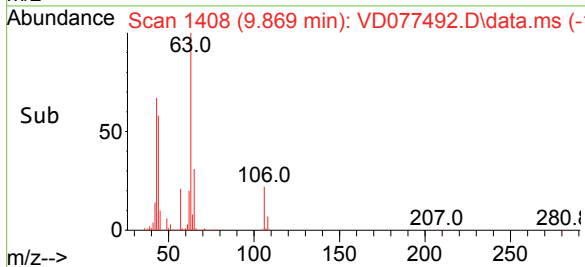
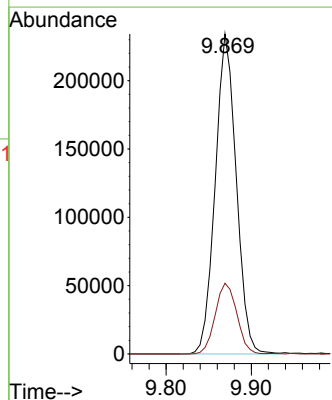
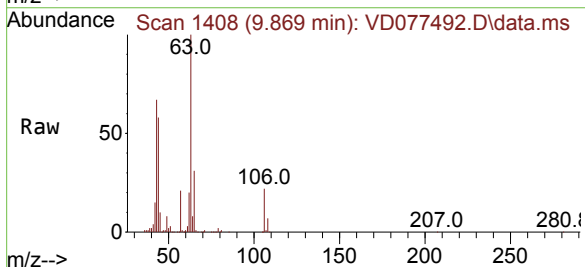
Acq: 02 Nov 2023 16:22

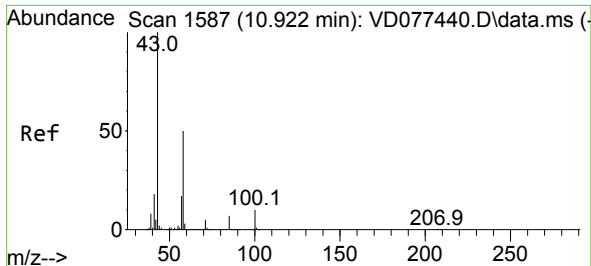
Tgt Ion: 63 Resp: 402272

Ion Ratio Lower Upper

63 100

106 22.7 25.3 37.9

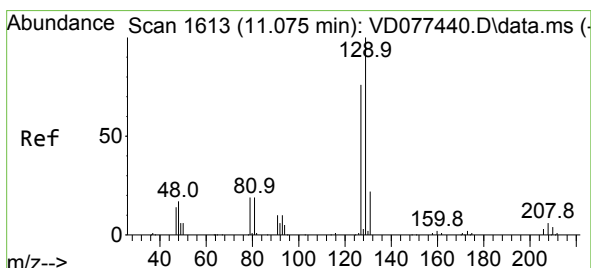
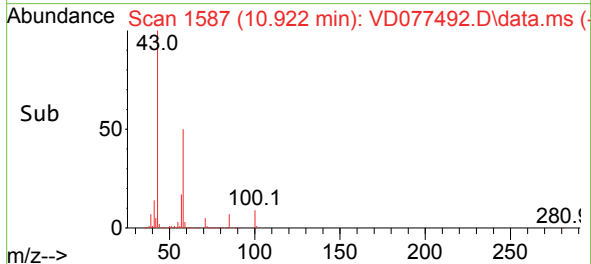
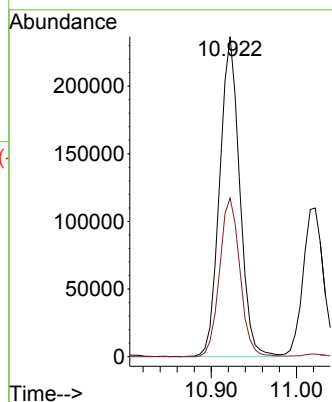
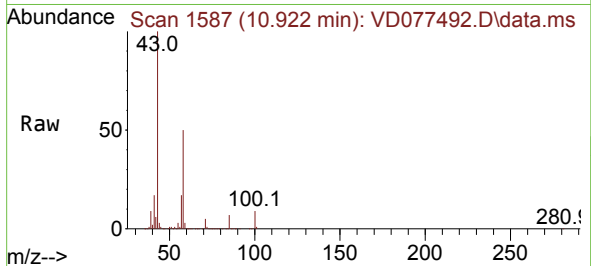




#59
2-Hexanone
Concen: 206.221 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

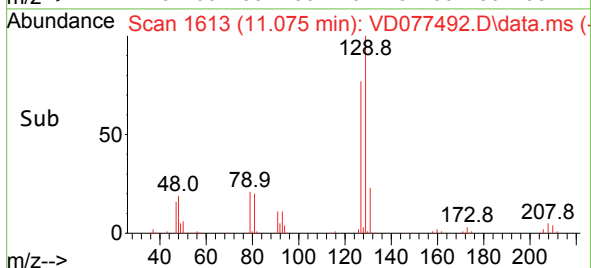
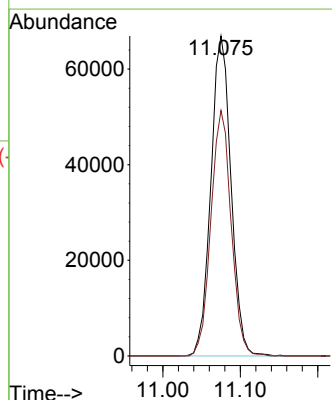
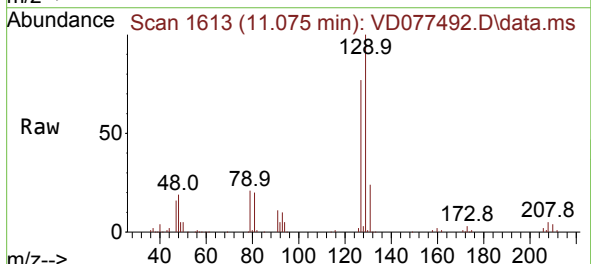
Instrument :
MSVOA_D
ClientSampleId :

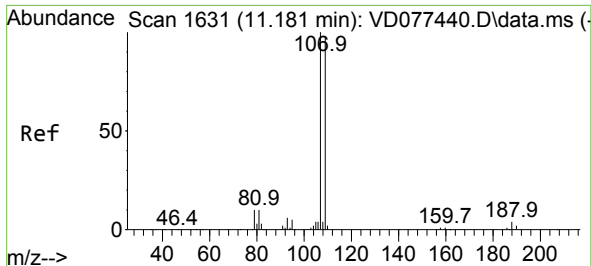
Tgt Ion: 43 Resp: 386569
Ion Ratio Lower Upper
43 100
58 50.4 34.1 102.2



#60
Dibromochloromethane
Concen: 42.754 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 129 Resp: 120963
Ion Ratio Lower Upper
129 100
127 77.0 37.1 111.5

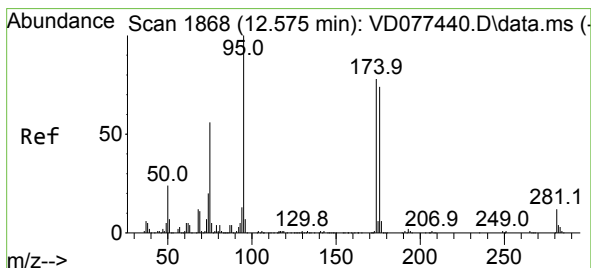
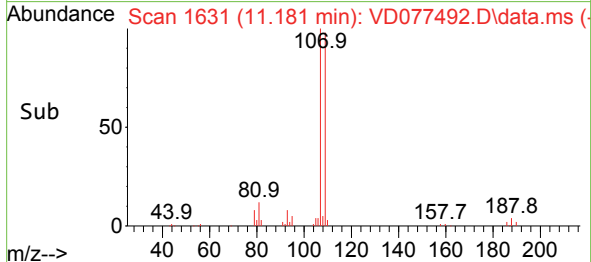
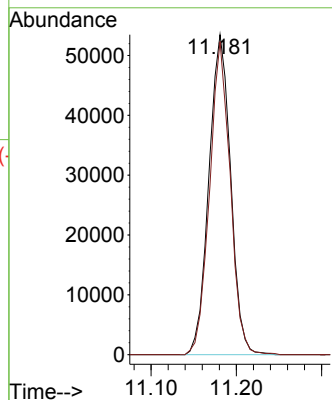
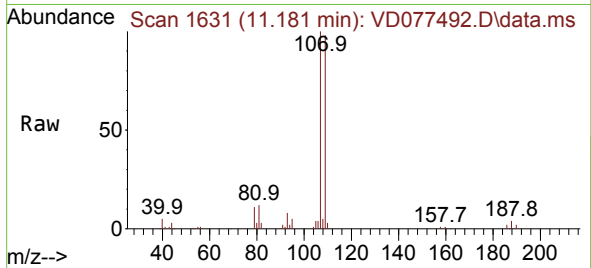




#61
1,2-Dibromoethane
Concen: 42.465 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

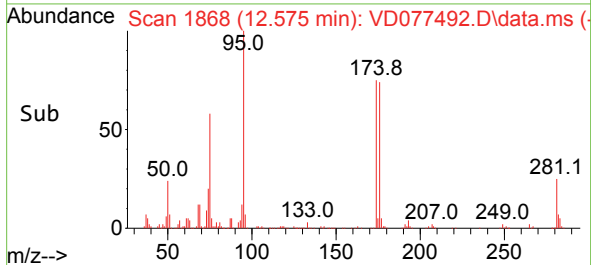
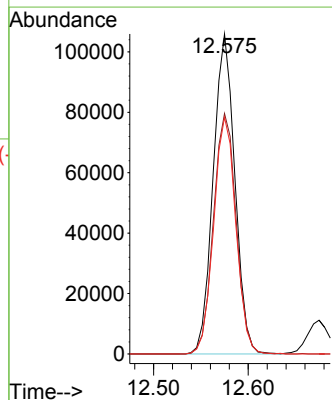
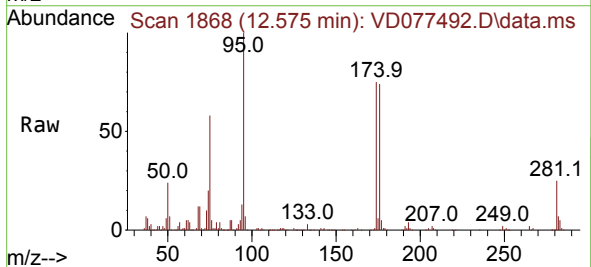
Instrument :
MSVOA_D
ClientSampleId :

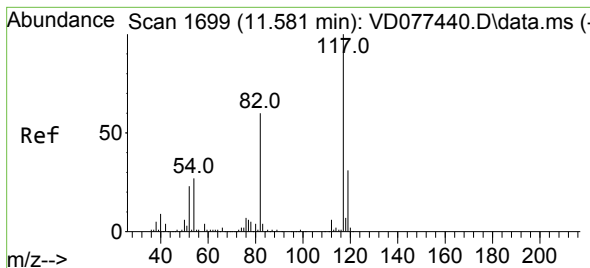
Tgt Ion:107 Resp: 94621
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.672 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 95 Resp: 168214
Ion Ratio Lower Upper
95 100
174 78.8 0.0 201.8
176 75.8 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

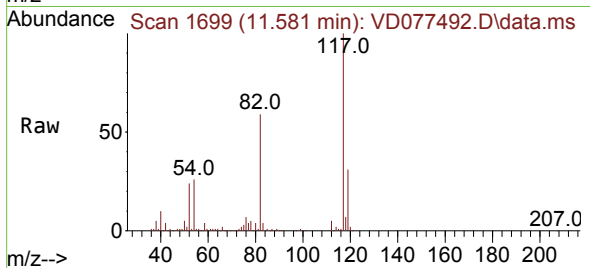
Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :



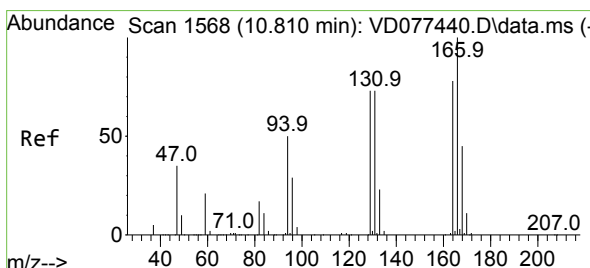
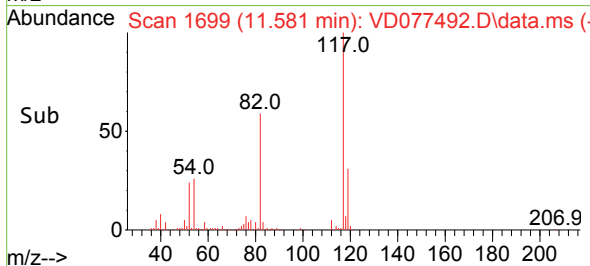
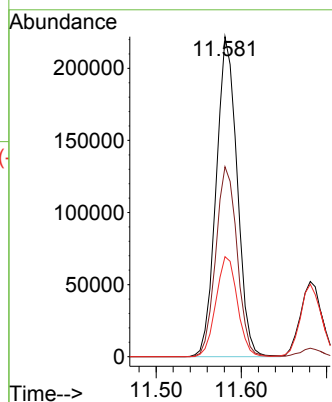
Tgt Ion:117 Resp: 378975

Ion Ratio Lower Upper

117 100

82 59.3 38.3 57.5#

119 31.3 25.0 37.4



#64

Tetrachloroethene

Concen: 43.825 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Tgt Ion:164 Resp: 105741

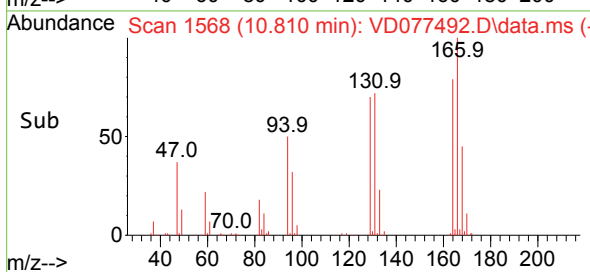
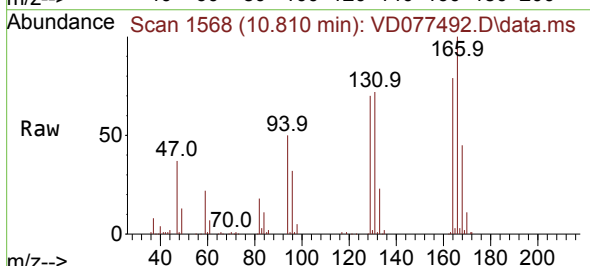
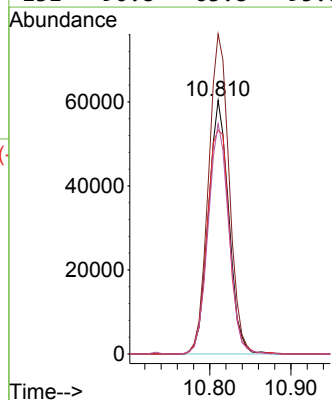
Ion Ratio Lower Upper

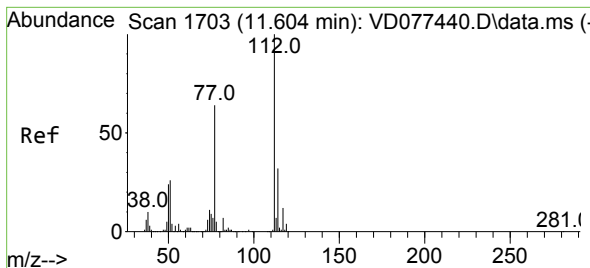
164 100

166 126.2 99.2 148.8

129 88.3 68.4 102.6

131 90.8 63.8 95.8





#65

Chlorobenzene

Concen: 44.640 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

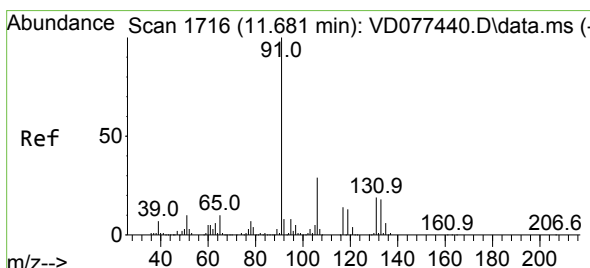
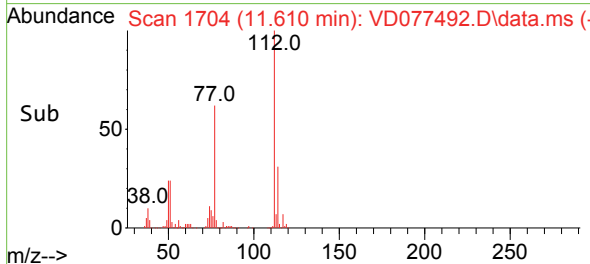
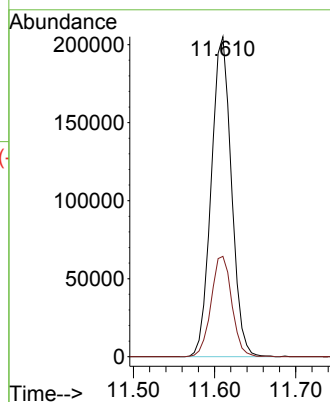
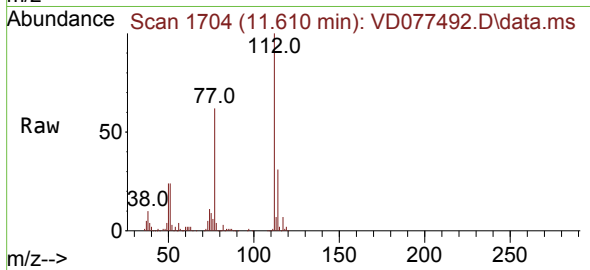
ClientSampleId :

Tgt Ion:112 Resp: 354419

Ion Ratio Lower Upper

112 100

114 31.3 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 42.591 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

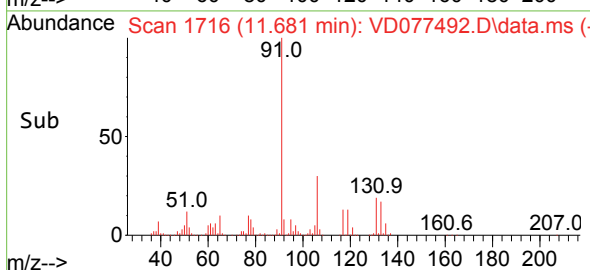
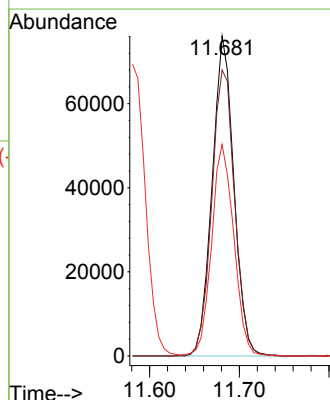
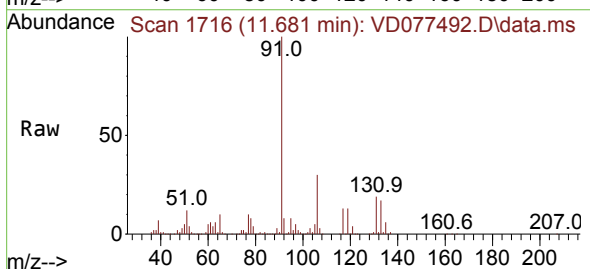
Tgt Ion:131 Resp: 127785

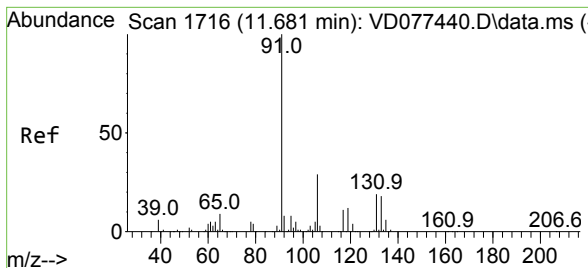
Ion Ratio Lower Upper

131 100

133 94.7 48.5 145.5

119 67.7 35.6 106.9

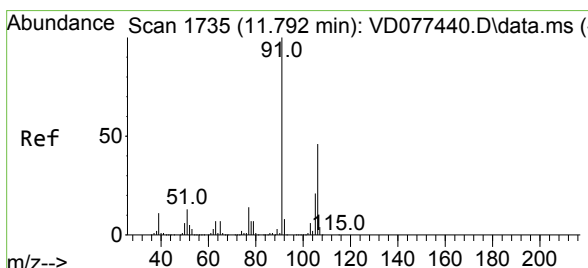
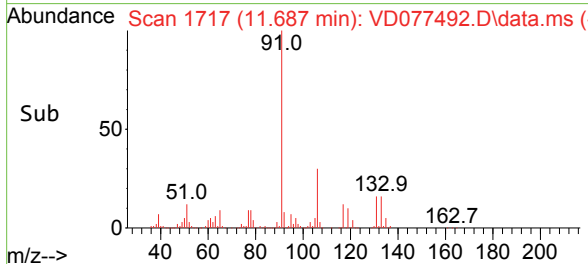
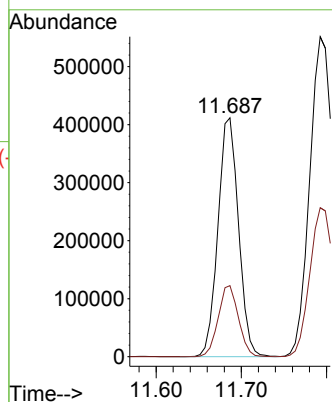
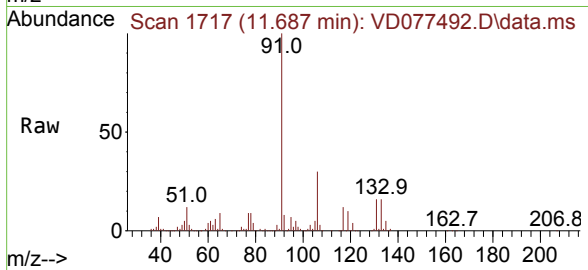




#67
Ethyl Benzene
Concen: 45.266 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

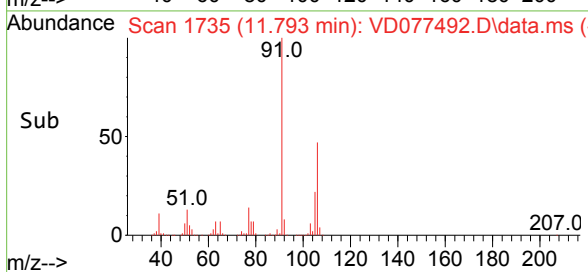
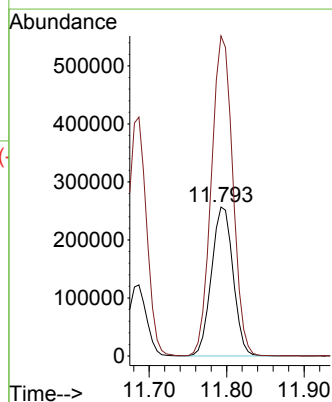
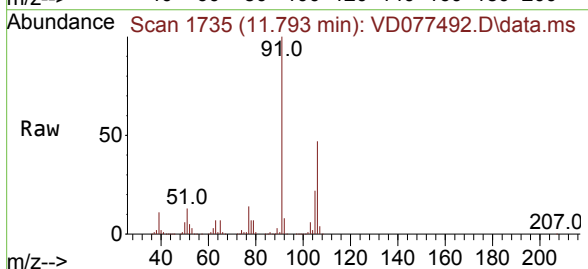
Instrument :
MSVOA_D
ClientSampleId :

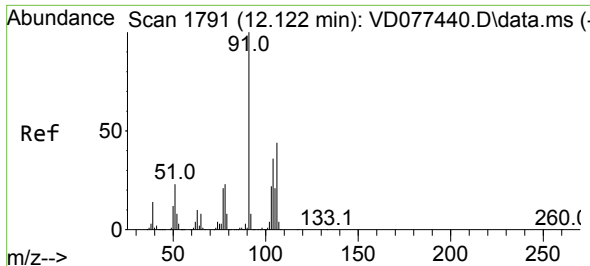
Tgt Ion: 91 Resp: 691510
Ion Ratio Lower Upper
91 100
106 29.7 26.5 39.7



#68
m/p-Xylenes
Concen: 90.061 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 106 Resp: 496817
Ion Ratio Lower Upper
106 100
91 213.6 147.0 220.6

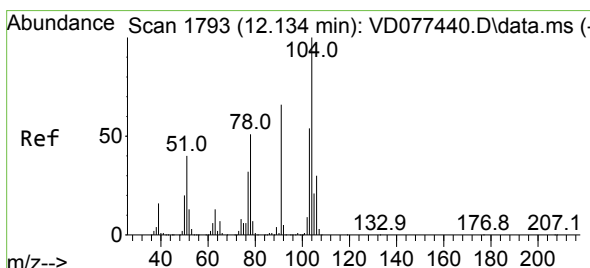
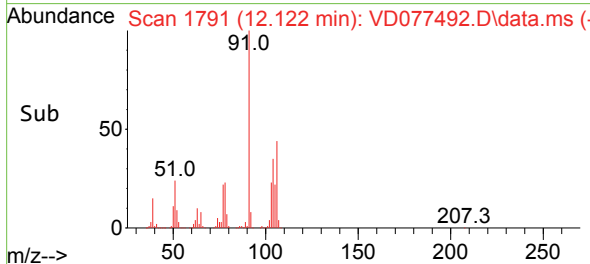
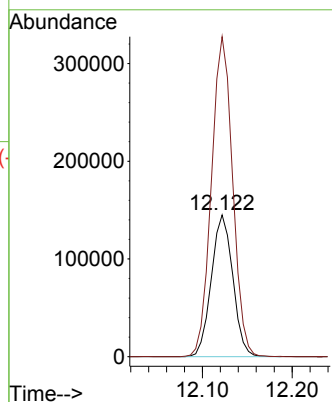
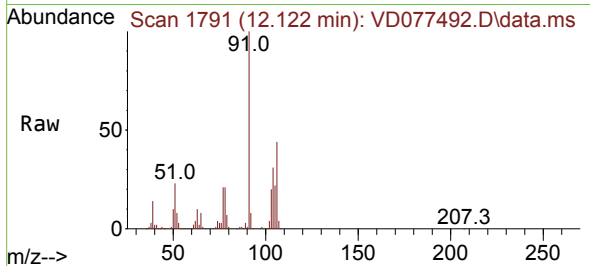




#69
o-Xylene
Concen: 45.624 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

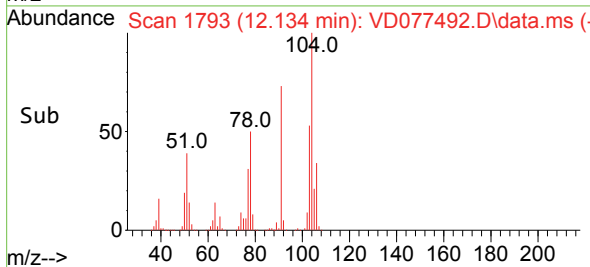
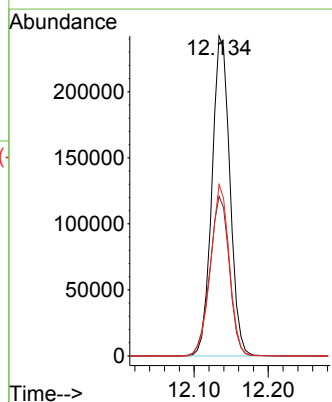
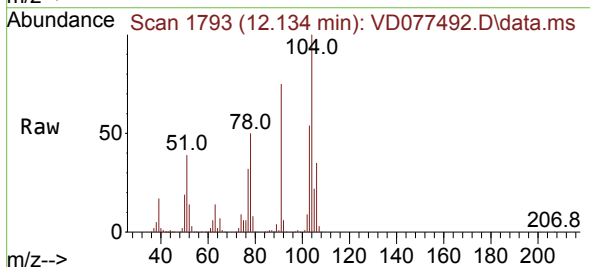
Instrument :
MSVOA_D
ClientSampleId :

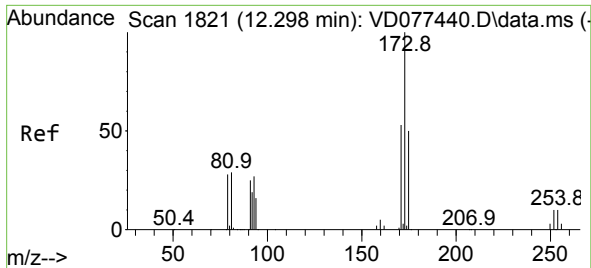
Tgt Ion:106 Resp: 241073
Ion Ratio Lower Upper
106 100
91 223.3 97.9 293.6



#70
Styrene
Concen: 44.674 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion:104 Resp: 407230
Ion Ratio Lower Upper
104 100
78 54.1 33.2 49.8#
103 55.7 43.6 65.4

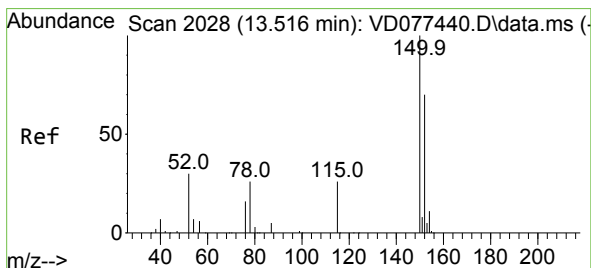
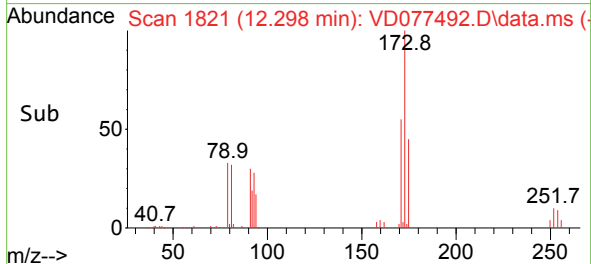
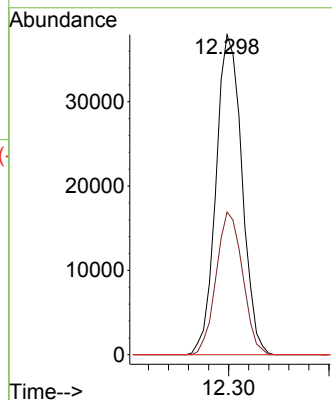
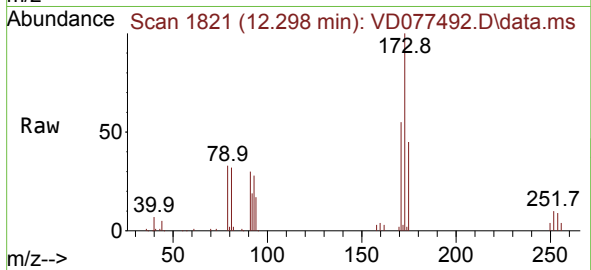




#71
Bromoform
Concen: 41.010 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

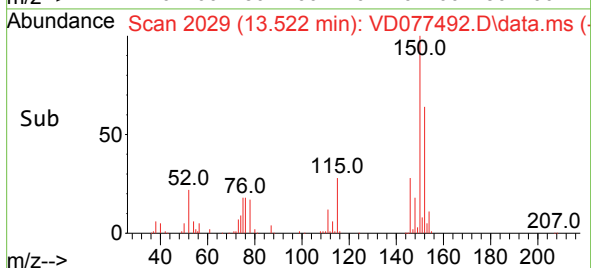
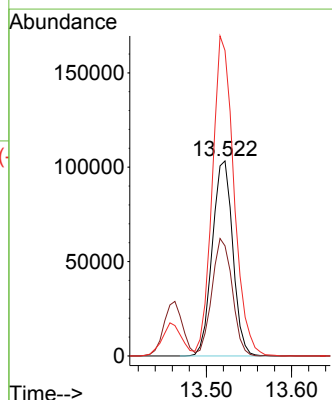
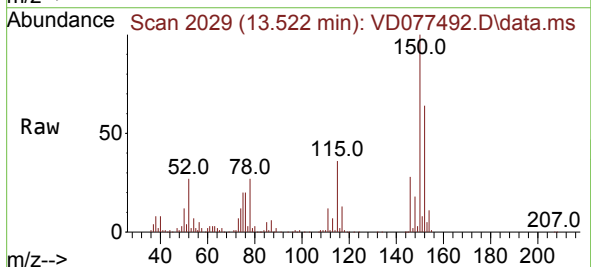
Instrument :
MSVOA_D
ClientSampleId :

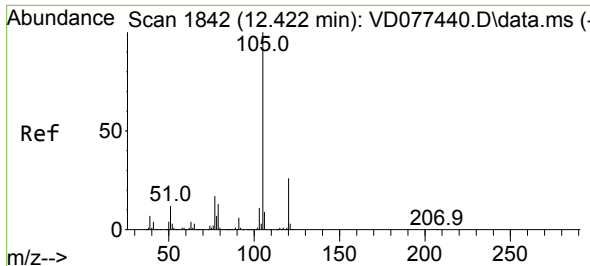
Tgt Ion:173 Resp: 68215
Ion Ratio Lower Upper
173 100
175 45.4 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

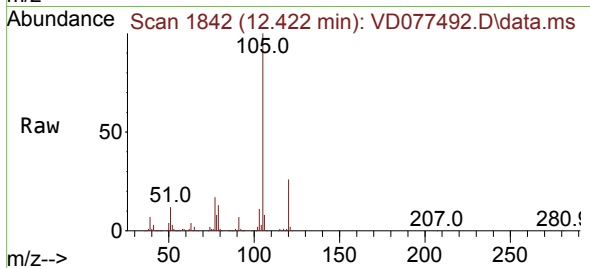
Tgt Ion:152 Resp: 172660
Ion Ratio Lower Upper
152 100
115 59.8 27.1 81.3
150 172.8 0.0 353.6



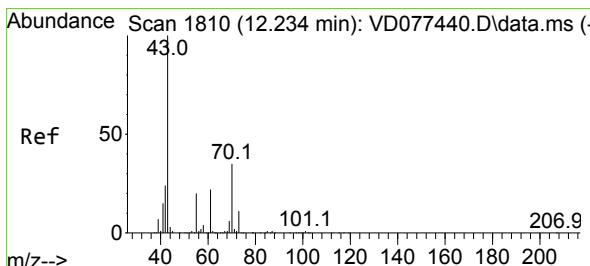
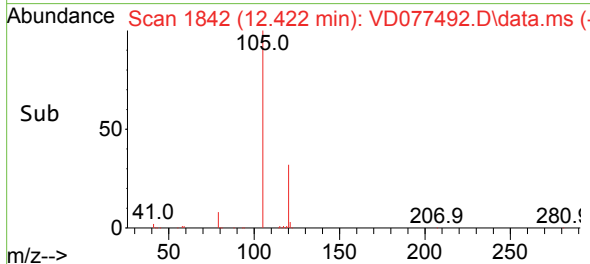
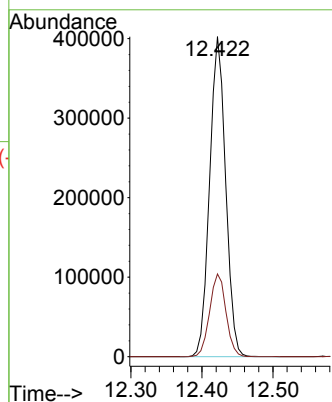


#73
Isopropylbenzene
Concen: 44.777 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Instrument :
MSVOA_D
ClientSampleId :

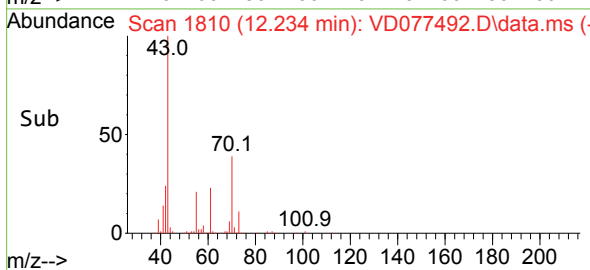
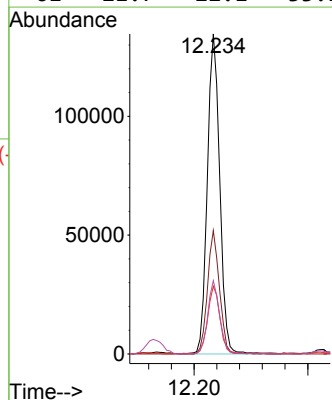
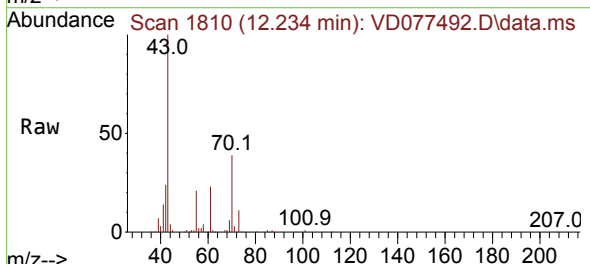


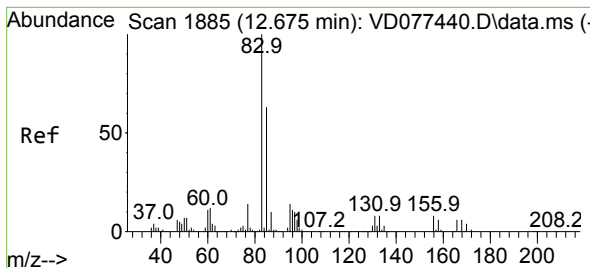
Tgt Ion:105 Resp: 630326
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9



#74
N-ethyl acetate
Concen: 40.788 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 43 Resp: 203375
Ion Ratio Lower Upper
43 100
70 37.1 45.0 67.4#
55 21.1 23.8 35.6#
61 21.7 22.1 33.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 43.157 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

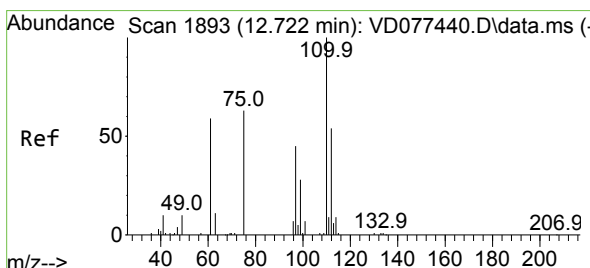
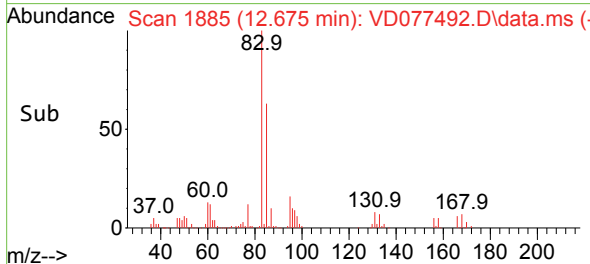
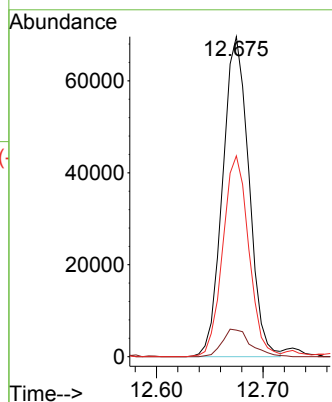
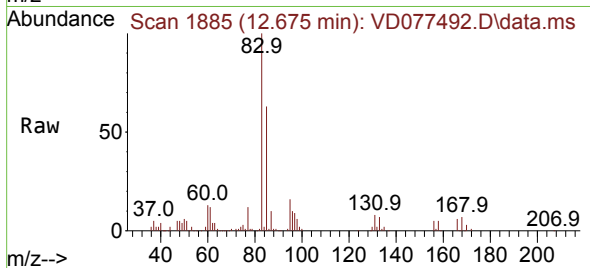
Tgt Ion: 83 Resp: 119089

Ion Ratio Lower Upper

83 100

131 9.2 5.1 15.3

85 62.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 76.783 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD077492.D

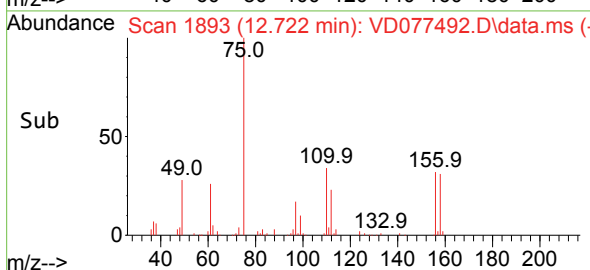
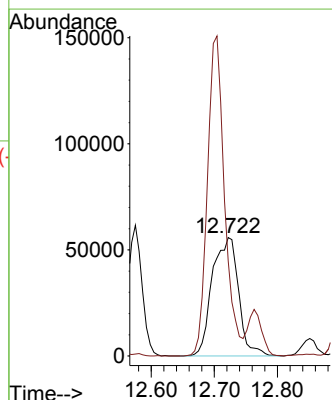
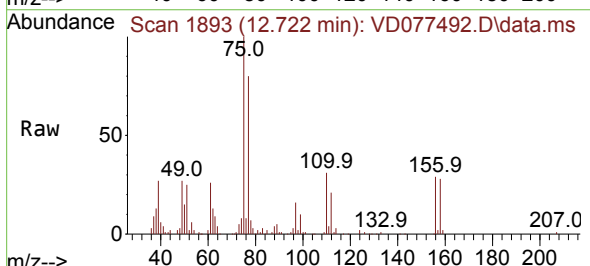
Acq: 02 Nov 2023 16:22

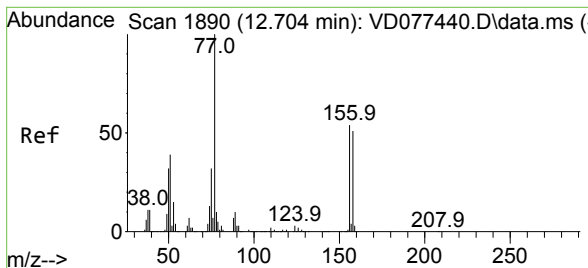
Tgt Ion: 75 Resp: 161354

Ion Ratio Lower Upper

75 100

77 177.2 0.0 0.0#





#77

Bromobenzene

Concen: 43.549 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

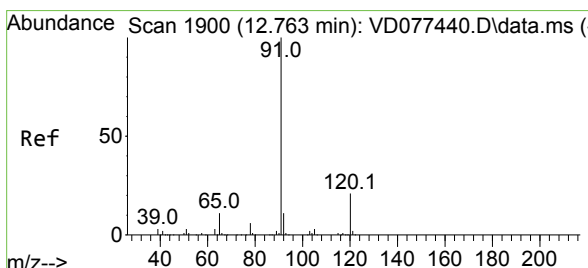
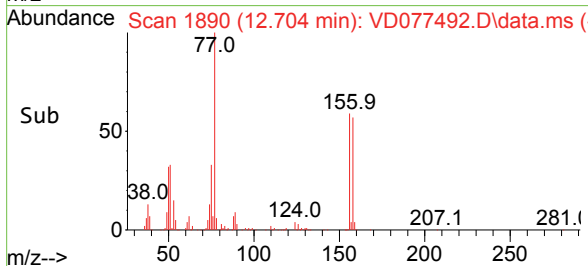
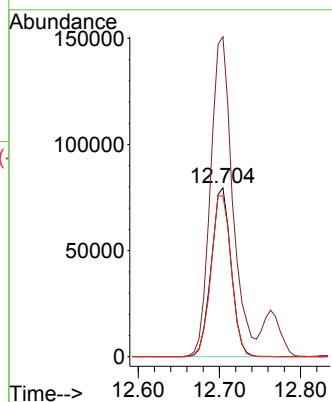
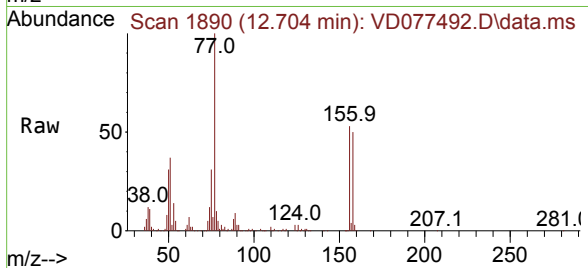
Tgt Ion:156 Resp: 134938

Ion Ratio Lower Upper

156 100

77 211.9 76.8 230.4

158 97.2 48.6 145.9



#78

n-propylbenzene

Concen: 45.758 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077492.D

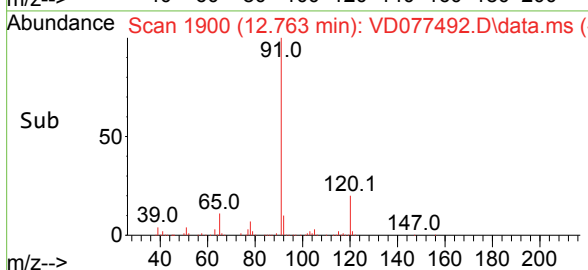
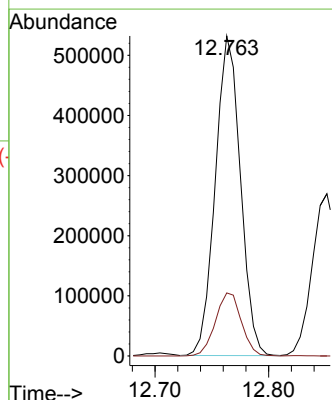
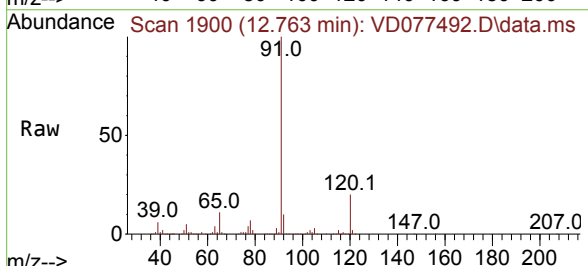
Acq: 02 Nov 2023 16:22

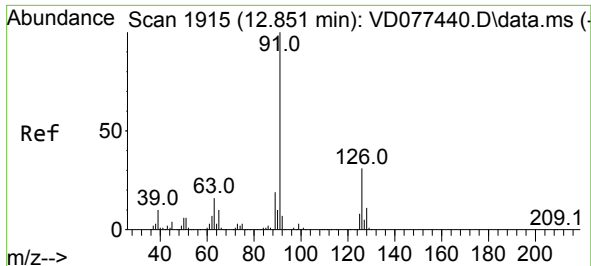
Tgt Ion: 91 Resp: 817888

Ion Ratio Lower Upper

91 100

120 20.3 12.4 37.2

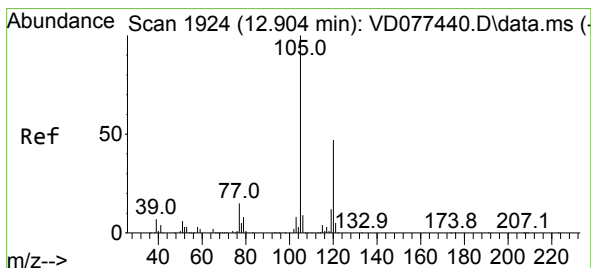
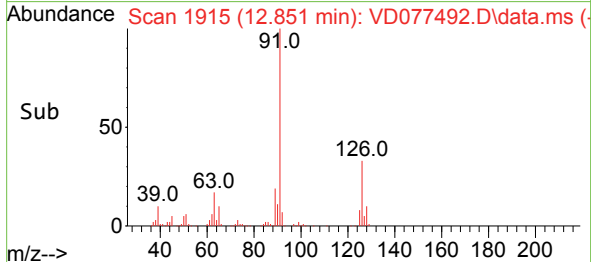
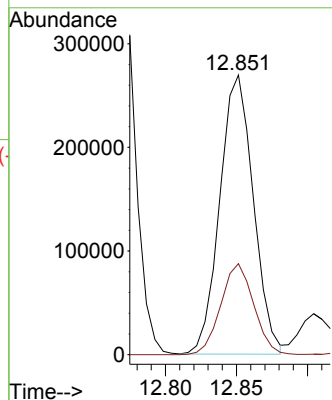
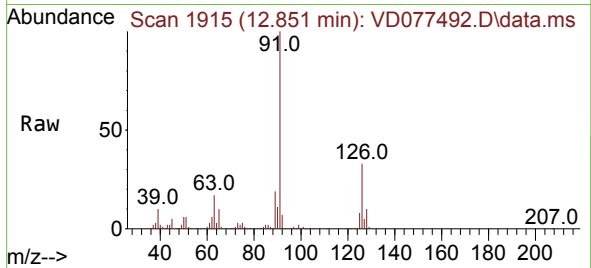




#79
2-Chlorotoluene
Concen: 43.728 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

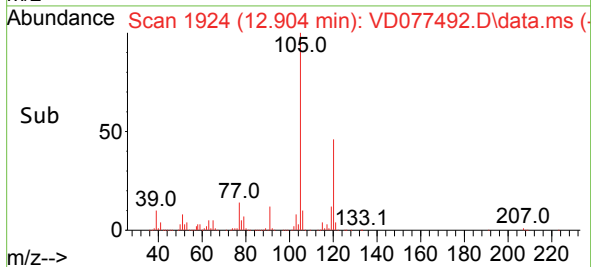
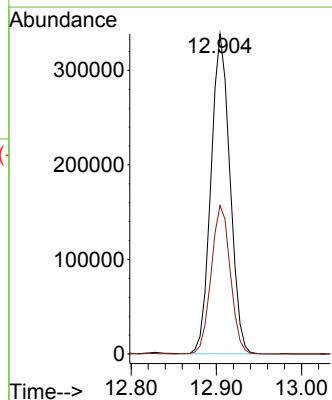
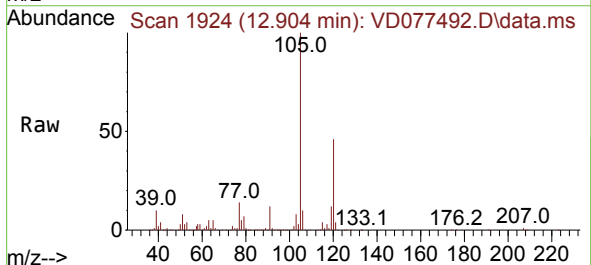
Instrument :
MSVOA_D
ClientSampleId :

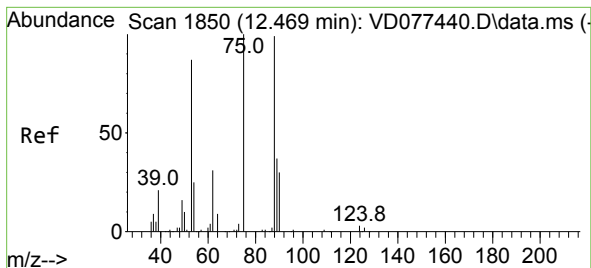
Tgt Ion: 91 Resp: 442547
Ion Ratio Lower Upper
91 100
126 32.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 44.303 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion:105 Resp: 523309
Ion Ratio Lower Upper
105 100
120 46.8 26.4 79.2

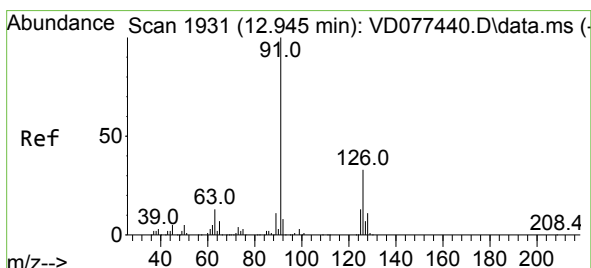
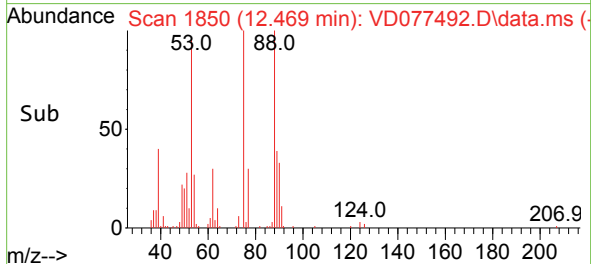
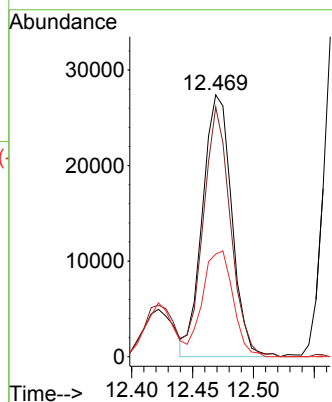
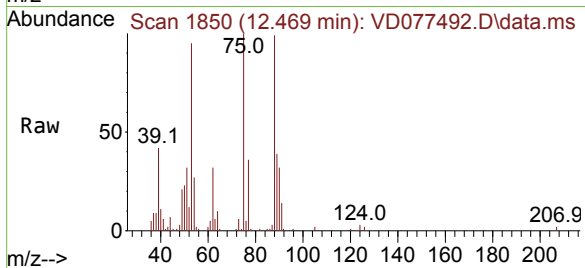




#81
trans-1,4-Dichloro-2-butene
Concen: 42.002 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

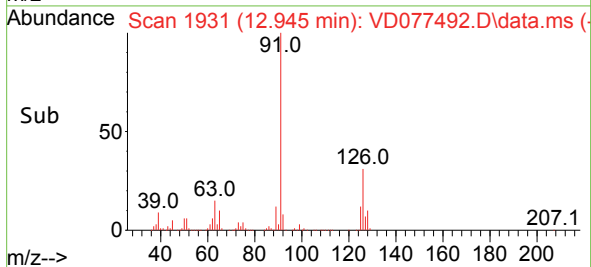
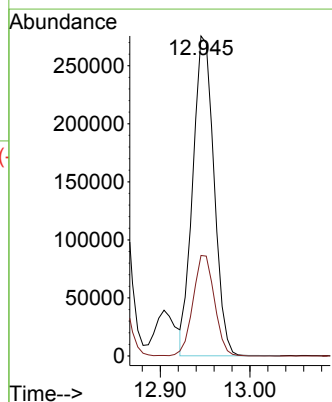
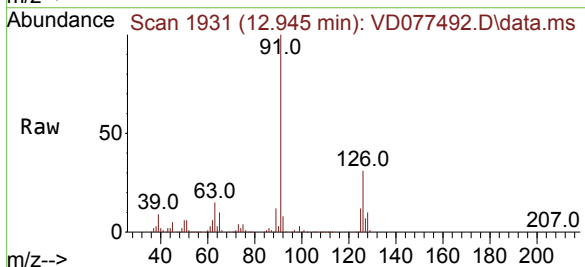
Instrument :
MSVOA_D
ClientSampleId :

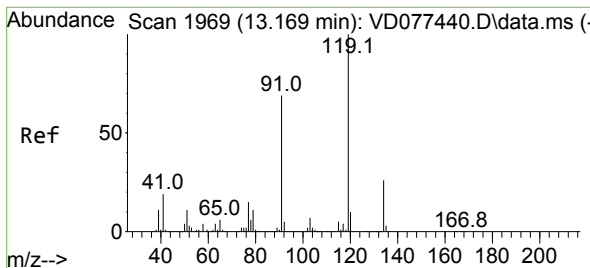
Tgt Ion: 75 Resp: 45694
Ion Ratio Lower Upper
75 100
53 89.3 63.0 94.4
89 41.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 42.753 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 91 Resp: 450697
Ion Ratio Lower Upper
91 100
126 32.0 19.4 58.4





#83

tert-Butylbenzene

Concen: 44.580 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

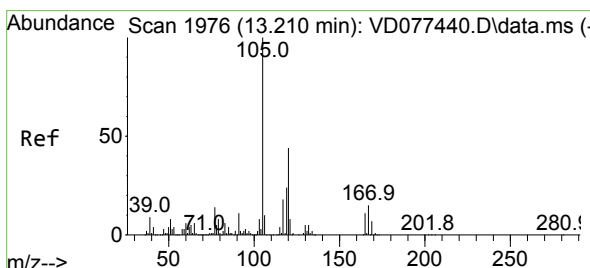
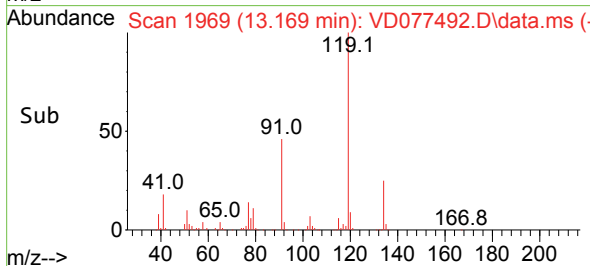
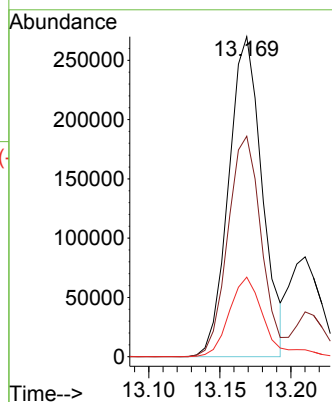
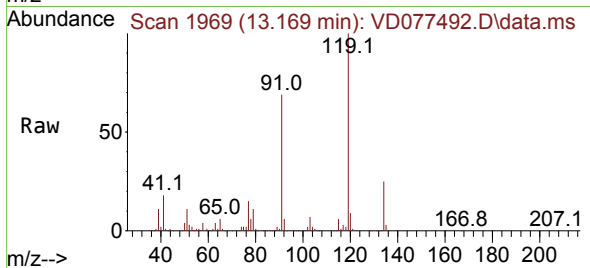
Tgt Ion:119 Resp: 442723

Ion Ratio Lower Upper

119 100

91 69.7 29.3 87.8

134 26.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 44.643 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077492.D

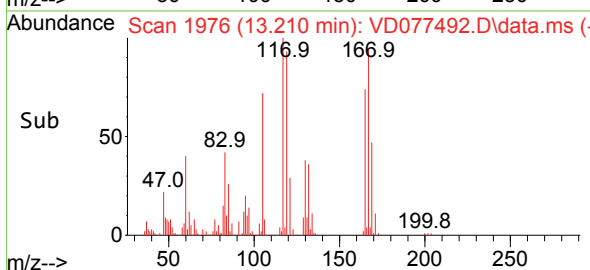
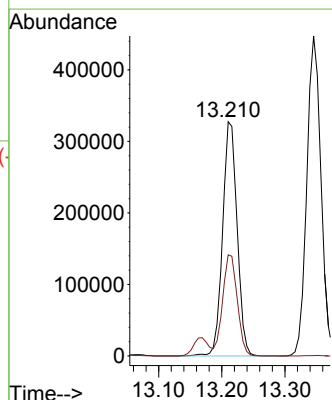
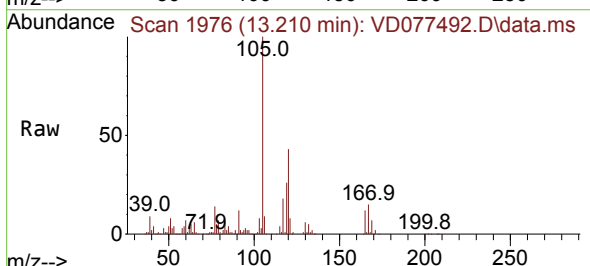
Acq: 02 Nov 2023 16:22

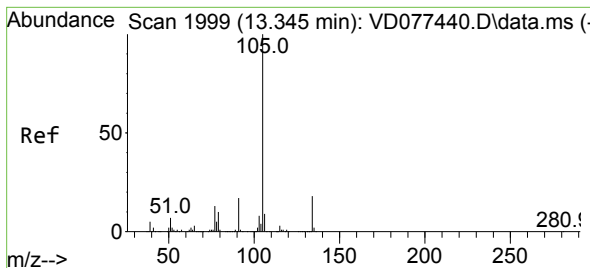
Tgt Ion:105 Resp: 523826

Ion Ratio Lower Upper

105 100

120 43.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 45.709 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

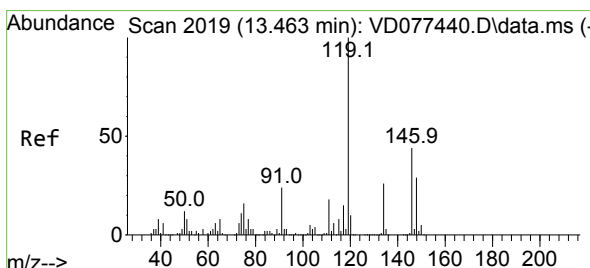
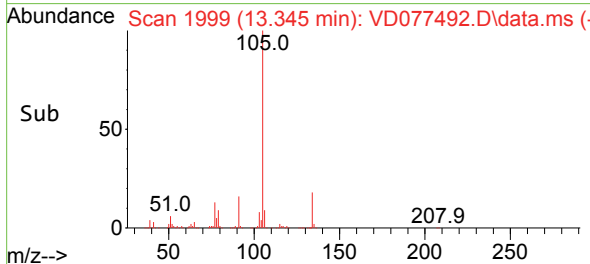
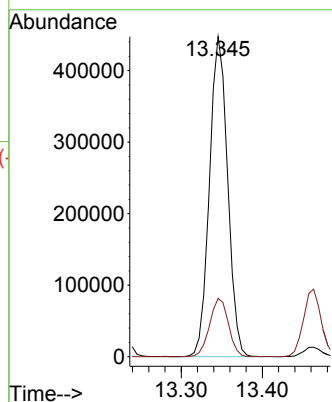
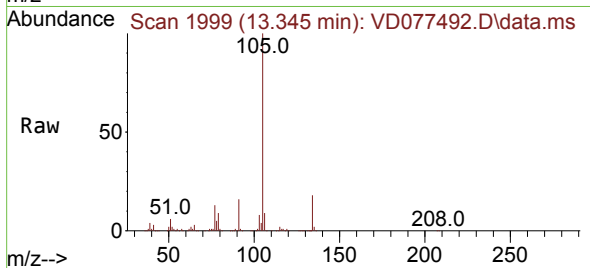
ClientSampleId :

Tgt Ion:105 Resp: 694552

Ion Ratio Lower Upper

105 100

134 18.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 45.542 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

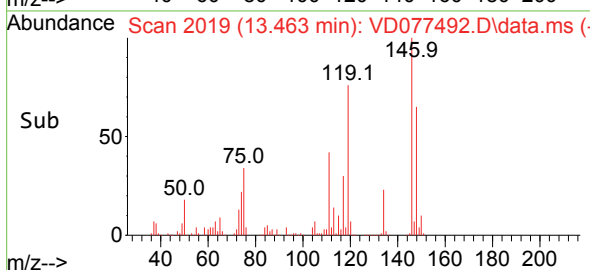
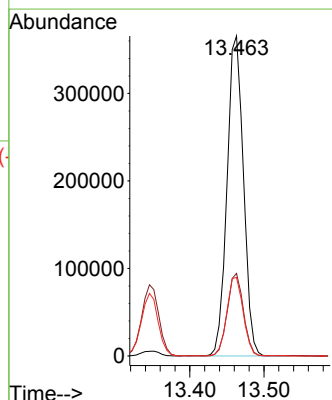
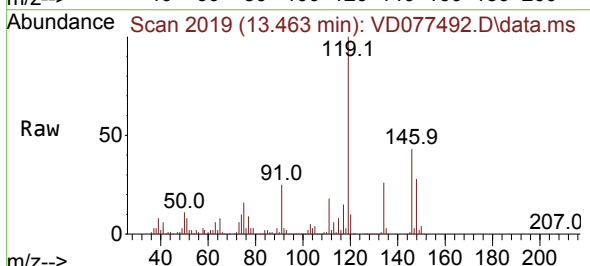
Tgt Ion:119 Resp: 562484

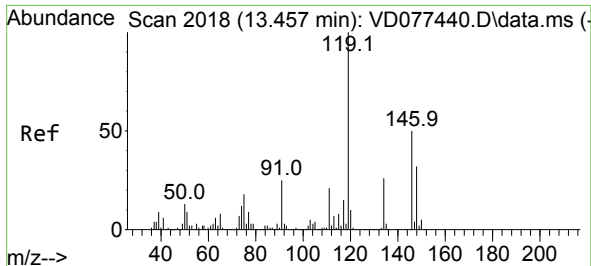
Ion Ratio Lower Upper

119 100

134 25.4 14.2 42.6

91 24.6 10.5 31.5

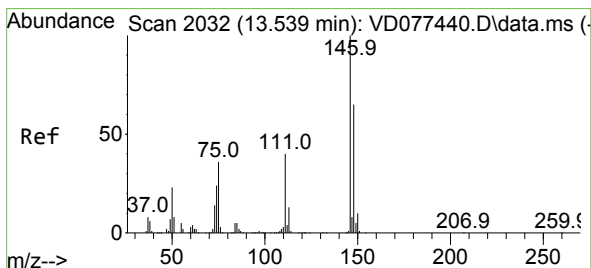
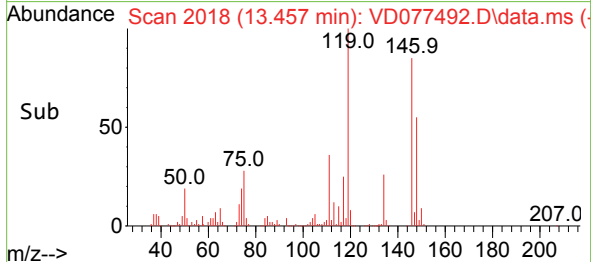
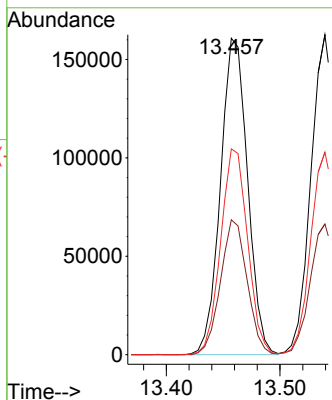
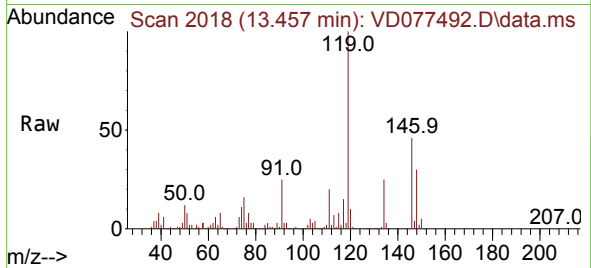




#87
1,3-Dichlorobenzene
Concen: 43.778 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

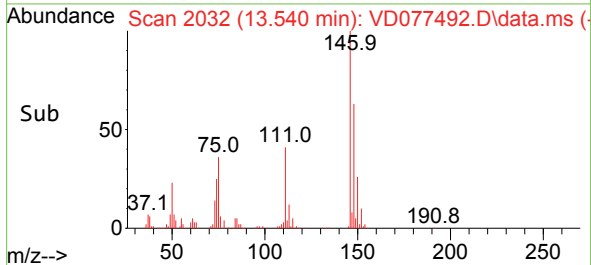
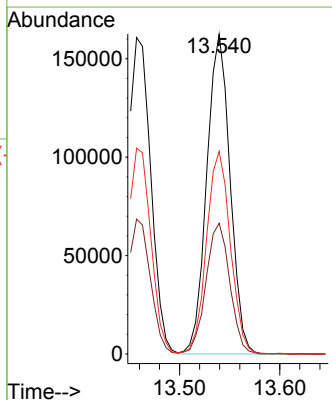
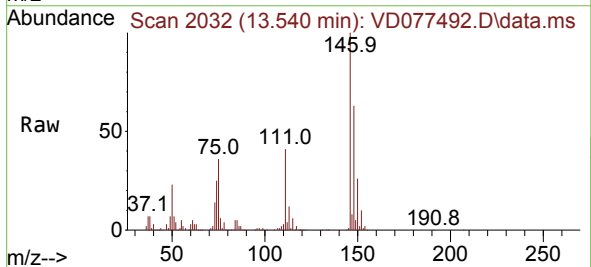
Instrument :
MSVOA_D
ClientSampleId :

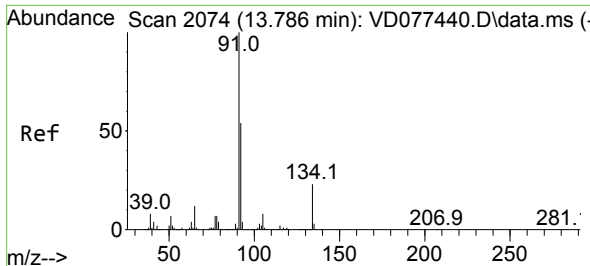
Tgt Ion:146 Resp: 266640
Ion Ratio Lower Upper
146 100
111 41.9 17.9 53.8
148 64.7 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 43.147 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

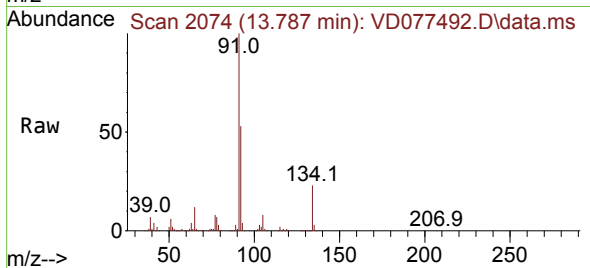
Tgt Ion:146 Resp: 262561
Ion Ratio Lower Upper
146 100
111 41.8 17.4 52.3
148 64.8 31.7 95.1



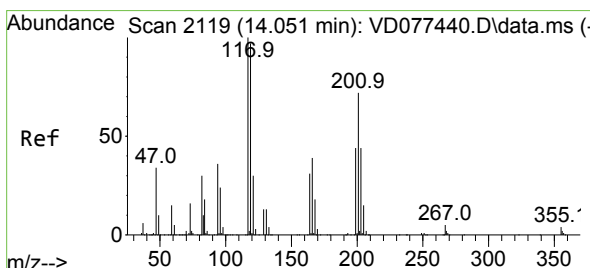
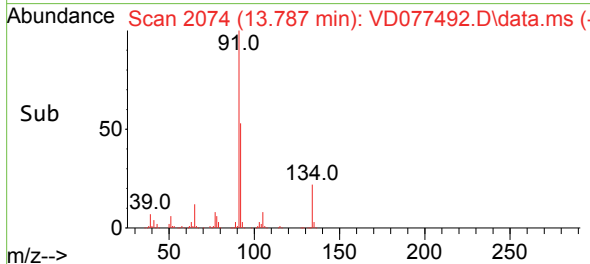
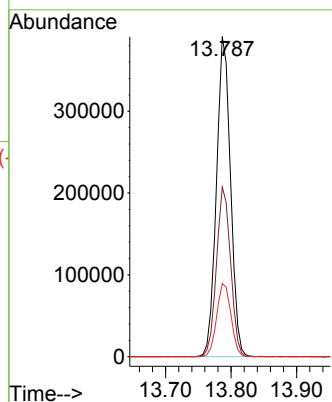


#89
n-Butylbenzene
Concen: 45.286 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Instrument :
MSVOA_D
ClientSampleId :

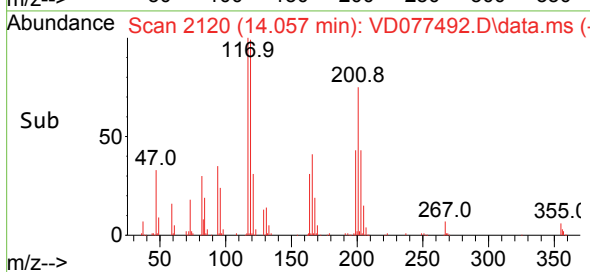
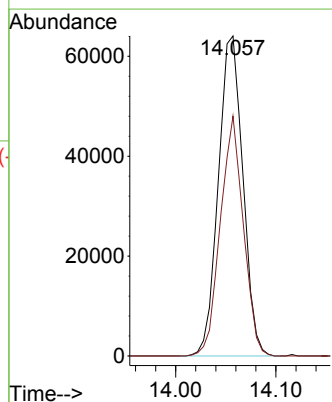
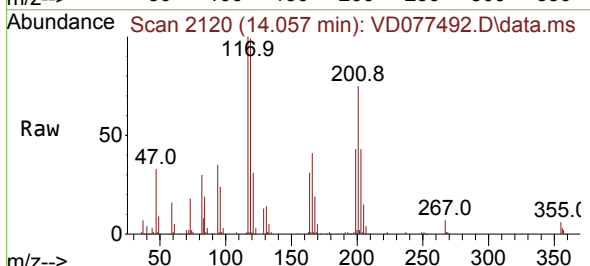


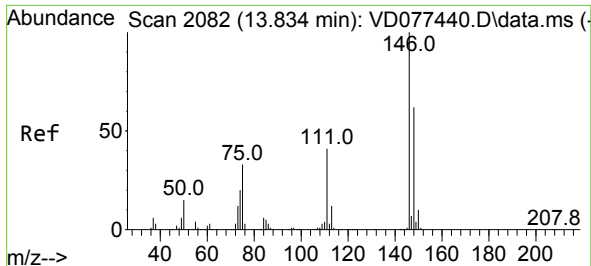
Tgt Ion: 91 Resp: 581343
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 23.2 13.8 41.3



#90
Hexachloroethane
Concen: 43.056 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 117 Resp: 108820
Ion Ratio Lower Upper
117 100
201 70.3 38.5 115.5

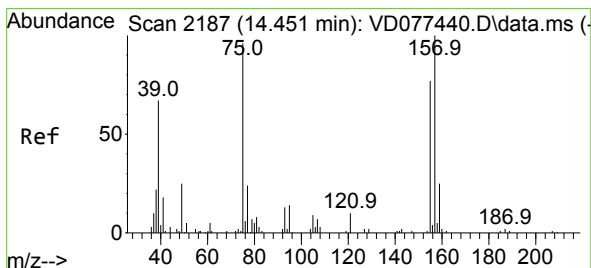
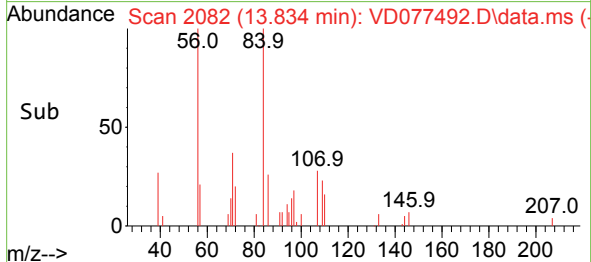
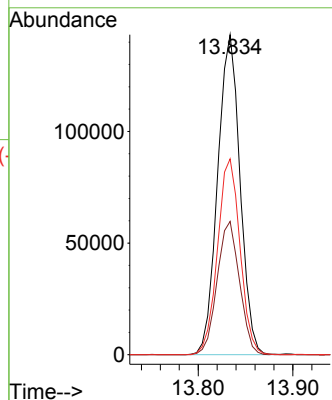
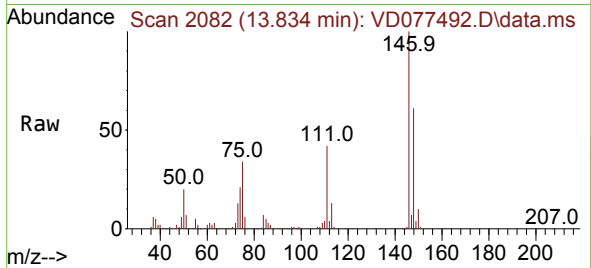




#91
1,2-Dichlorobenzene
Concen: 43.999 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

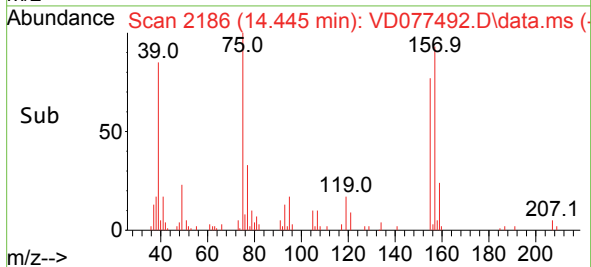
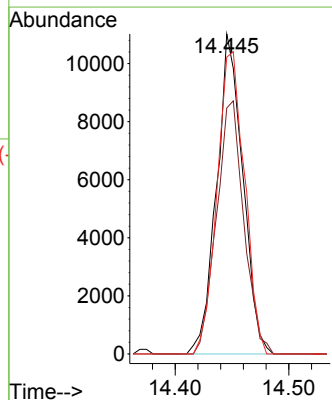
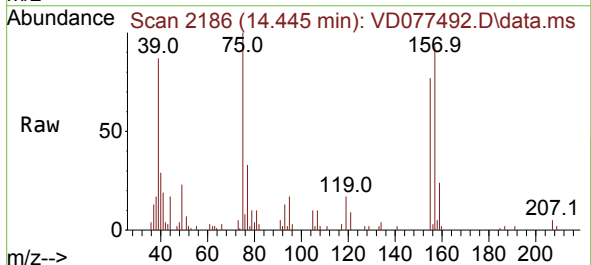
Instrument :
MSVOA_D
ClientSampleId :

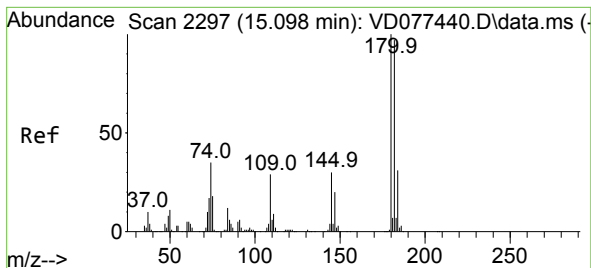
Tgt Ion:146 Resp: 235514
Ion Ratio Lower Upper
146 100
111 41.7 18.3 54.8
148 61.4 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 37.935 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 75 Resp: 17635
Ion Ratio Lower Upper
75 100
155 82.5 47.9 143.8
157 99.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 42.507 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

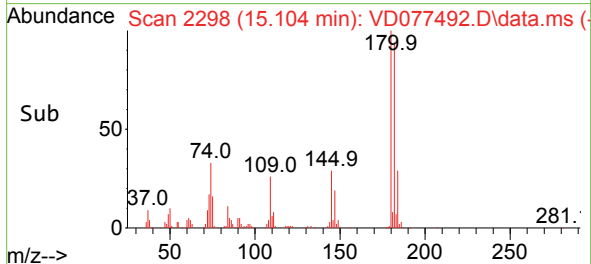
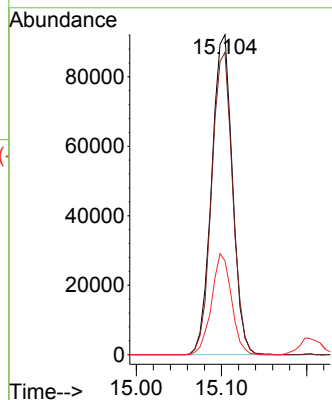
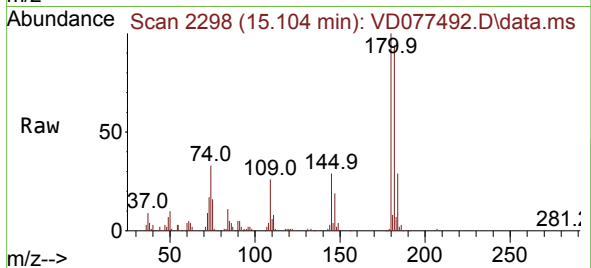
Tgt Ion:180 Resp: 156309

Ion Ratio Lower Upper

180 100

182 95.3 48.5 145.6

145 30.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 42.540 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077492.D

Acq: 02 Nov 2023 16:22

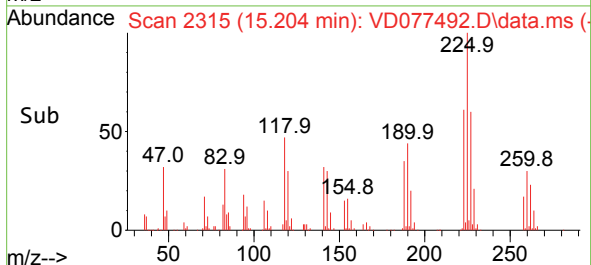
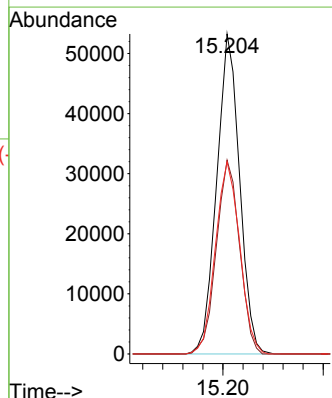
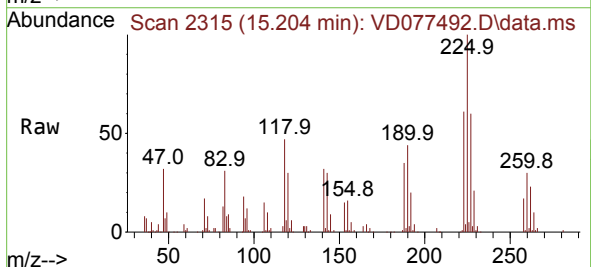
Tgt Ion:225 Resp: 84378

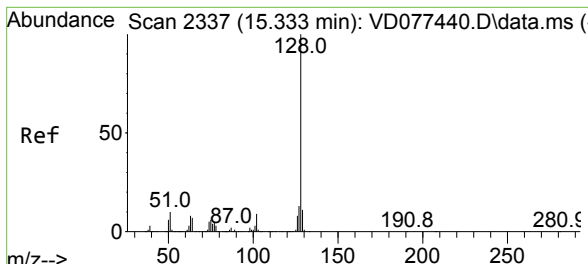
Ion Ratio Lower Upper

225 100

223 61.5 31.6 94.8

227 63.6 31.7 95.1

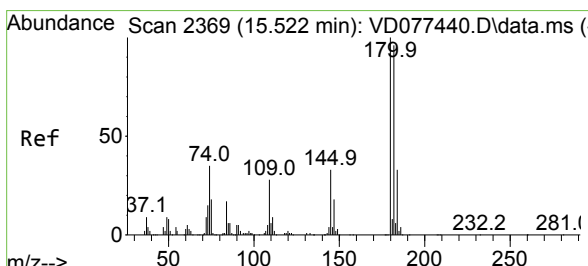
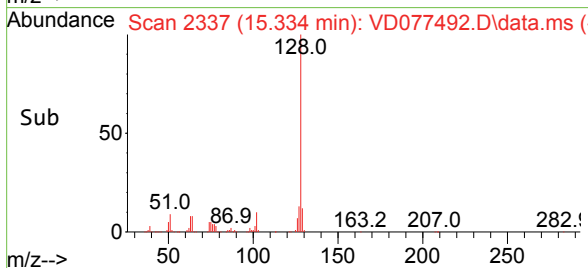
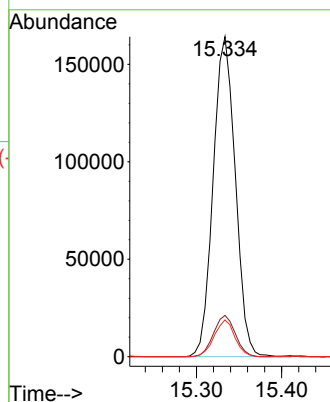
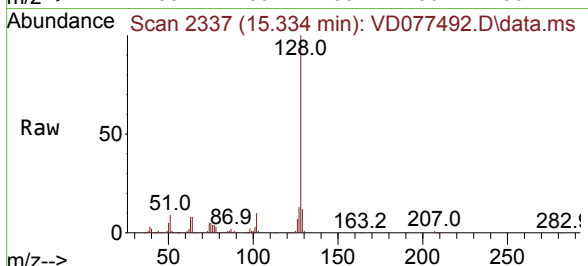




#95
Naphthalene
Concen: 42.316 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	296838
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	11.5	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 41.351 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077492.D
Acq: 02 Nov 2023 16:22

Tgt Ion:	180	Resp:	131254
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.3	141.9
145	32.4	15.1	45.3

