

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077437.D
 Acq On : 30 Oct 2023 09:11
 Operator : JC/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 03:53:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 03:41:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	379240	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	659305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	592534	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	270074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	27098	5.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.100%#
35) Dibromofluoromethane	7.810	113	22861	5.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.040%#
50) Toluene-d8	10.269	98	86787	4.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.800%#
62) 4-Bromofluorobenzene	12.575	95	31080	5.213	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.420%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	15567	5.091	ug/l	99
3) Chloromethane	2.152	50	22027	4.537	ug/l	90
4) Vinyl Chloride	2.287	62	19901	4.204	ug/l	98
5) Bromomethane	2.699	94	10846	4.372	ug/l	97
6) Chloroethane	2.840	64	15103	4.738	ug/l	96
7) Trichlorofluoromethane	3.181	101	29569	4.460	ug/l	93
8) Diethyl Ether	3.599	74	11018	4.623	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	3.964	101	18661	4.662	ug/l #	91
10) Methyl Iodide	4.164	142	15216	5.969	ug/l	90
11) Tert butyl alcohol	5.052	59	13386	31.512	ug/l #	81
12) 1,1-Dichloroethene	3.946	96	17475	4.612	ug/l #	69
13) Acrolein	3.799	56	14029	25.044	ug/l #	79
14) Allyl chloride	4.564	41	38253	4.185	ug/l #	80
15) Acrylonitrile	5.252	53	31639	24.559	ug/l	93
16) Acetone	4.022	43	37605	26.501	ug/l #	78
17) Carbon Disulfide	4.275	76	36034	6.608	ug/l	96
18) Methyl Acetate	4.564	43	26057	5.034	ug/l #	77
19) Methyl tert-butyl Ether	5.322	73	59318	4.987	ug/l #	90
20) Methylene Chloride	4.811	84	38039	4.952	ug/l #	65
21) trans-1,2-Dichloroethene	5.311	96	20892	4.734	ug/l #	75
22) Diisopropyl ether	6.216	45	92827	4.778	ug/l #	88
23) Vinyl Acetate	6.158	43	232172	27.476	ug/l #	82
24) 1,1-Dichloroethane	6.116	63	48153	4.777	ug/l	95
25) 2-Butanone	7.087	43	52209	27.584	ug/l #	73
26) 2,2-Dichloropropane	7.075	77	47186	5.282	ug/l	86
27) cis-1,2-Dichloroethene	7.081	96	25987	4.753	ug/l	62
28) Bromochloromethane	7.422	49	16820	5.631	ug/l #	1
29) Tetrahydrofuran	7.446	42	29288	26.090	ug/l #	70
30) Chloroform	7.599	83	44671	4.746	ug/l	90
31) Cyclohexane	7.881	56	42827	5.109	ug/l #	72
32) 1,1,1-Trichloroethane	7.799	97	35964	4.638	ug/l	96
36) 1,1-Dichloropropene	8.010	75	30127	4.459	ug/l	89
37) Ethyl Acetate	7.169	43	20241	5.220	ug/l #	89
38) Carbon Tetrachloride	7.987	117	30576	4.803	ug/l	95
39) Methylcyclohexane	9.275	83	35062	4.548	ug/l #	80
40) Benzene	8.252	78	89468	4.644	ug/l	98

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 03:53:11 2023
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	12837	5.174	ug/l #	78
42) 1,2-Dichloroethane	8.322	62	30005	4.917	ug/l	97
43) Isopropyl Acetate	8.363	43	40563	5.069	ug/l #	82
44) Trichloroethene	9.028	130	22171	4.698	ug/l	88
45) 1,2-Dichloropropane	9.305	63	26564	4.683	ug/l	98
46) Dibromomethane	9.393	93	13833	5.068	ug/l	88
47) Bromodichloromethane	9.587	83	35153	4.872	ug/l #	94
48) Methyl methacrylate	9.381	41	19044	4.986	ug/l #	68
49) 1,4-Dioxane	9.387	88	3008	102.557	ug/l #	37
51) 4-Methyl-2-Pentanone	10.157	43	103697	26.330	ug/l #	79
52) Toluene	10.334	92	54670	4.655	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	36999	4.843	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	41783	4.753	ug/l #	74
55) 1,1,2-Trichloroethane	10.734	97	19066	5.235	ug/l	95
56) Ethyl methacrylate	10.599	69	28022	5.175	ug/l #	61
57) 1,3-Dichloropropane	10.881	76	33088	4.861	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	66768	24.631	ug/l #	85
59) 2-Hexanone	10.922	43	75154	25.904	ug/l	80
60) Dibromochloromethane	11.075	129	22215	5.073	ug/l	99
61) 1,2-Dibromoethane	11.181	107	17450	5.060	ug/l	99
64) Tetrachloroethene	10.810	164	17605	4.667	ug/l	92
65) Chlorobenzene	11.610	112	58689	4.728	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	23403	4.989	ug/l	94
67) Ethyl Benzene	11.687	91	111410	4.664	ug/l	94
68) m/p-Xylenes	11.793	106	80289	9.309	ug/l	78
69) o-Xylene	12.122	106	37689	4.562	ug/l	74
70) Styrene	12.140	104	68141	4.781	ug/l #	90
71) Bromoform	12.304	173	13609	5.233	ug/l #	99
73) Isopropylbenzene	12.422	105	102635	4.661	ug/l	95
74) N-amyl acetate	12.234	43	39466	5.060	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	21305	4.936	ug/l	93
76) 1,2,3-Trichloropropane	12.728	75	29403	8.148	ug/l #	100
77) Bromobenzene	12.704	156	23778	4.906	ug/l	71
78) n-propylbenzene	12.763	91	131355	4.698	ug/l	93
79) 2-Chlorotoluene	12.851	91	74651	4.716	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	89240	4.830	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.469	75	8790	5.165	ug/l #	83
82) 4-Chlorotoluene	12.951	91	77809	4.719	ug/l	91
83) tert-Butylbenzene	13.169	119	71943	4.631	ug/l	87
84) 1,2,4-Trimethylbenzene	13.216	105	88375	4.815	ug/l	91
85) sec-Butylbenzene	13.345	105	112618	4.738	ug/l	95
86) p-Isopropyltoluene	13.463	119	90703	4.695	ug/l	90
87) 1,3-Dichlorobenzene	13.457	146	45509	4.777	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	46751	4.912	ug/l	92
89) n-Butylbenzene	13.793	91	94131	4.688	ug/l	96
90) Hexachloroethane	14.057	117	18820	4.761	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	40819	4.875	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4059	5.582	ug/l	69
93) 1,2,4-Trichlorobenzene	15.098	180	26879	4.673	ug/l	98
94) Hexachlorobutadiene	15.210	225	13915	4.485	ug/l	97
95) Naphthalene	15.334	128	53480	4.874	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	24427	4.920	ug/l	99

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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 31 03:53:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 03:41:55 2023
Response via : Initial Calibration

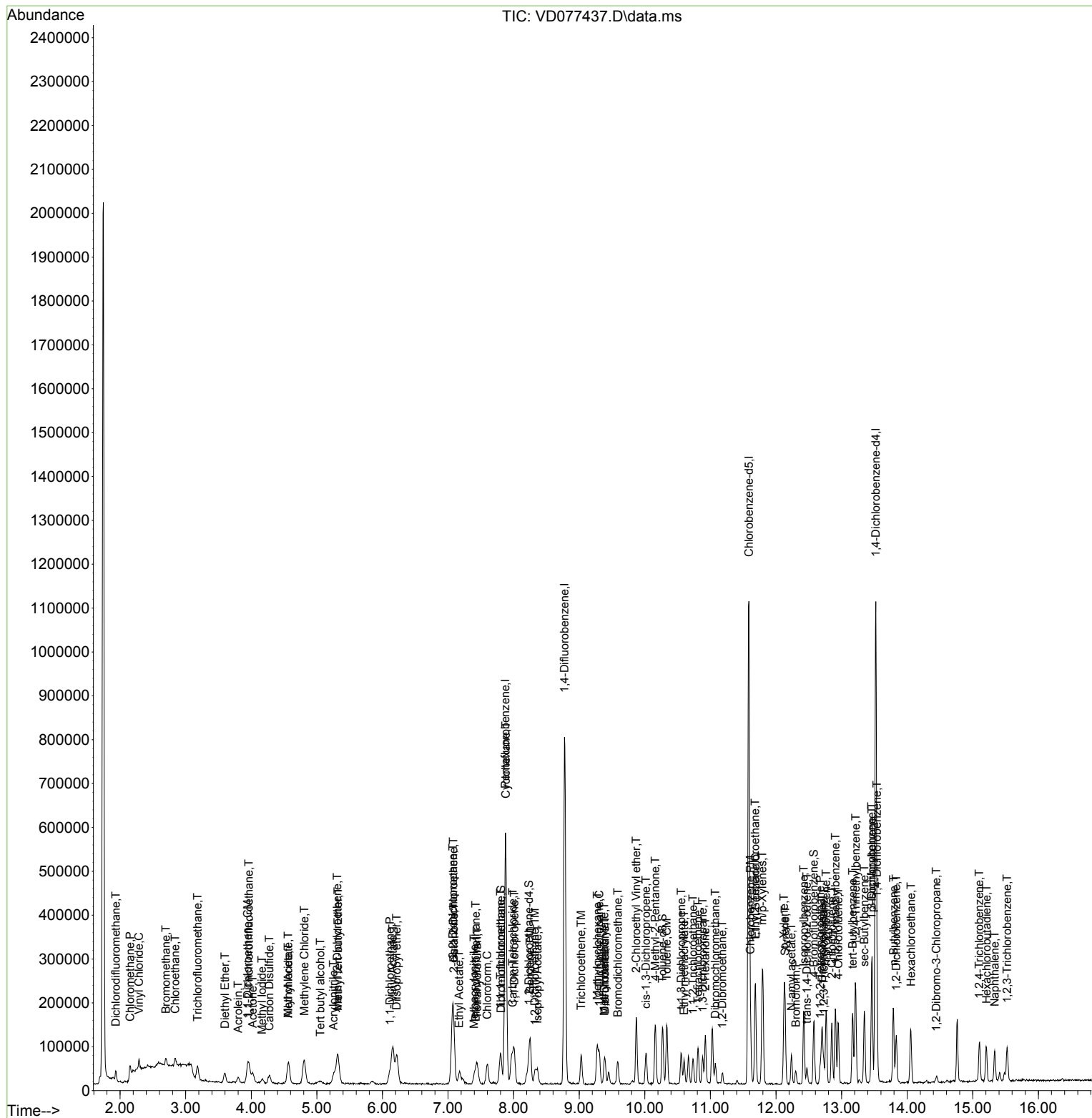
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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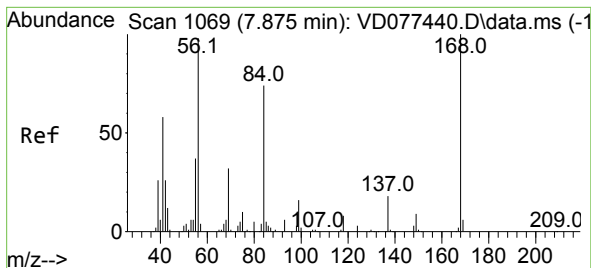
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
Data File : VD077437.D
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Sample : VSTDIC005
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 31 03:53:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

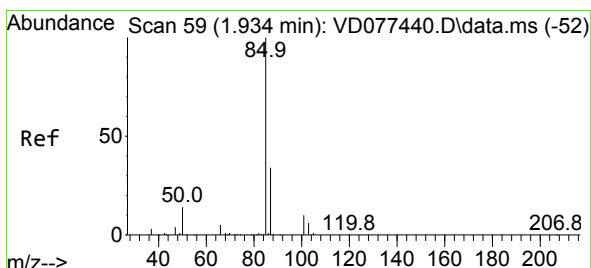
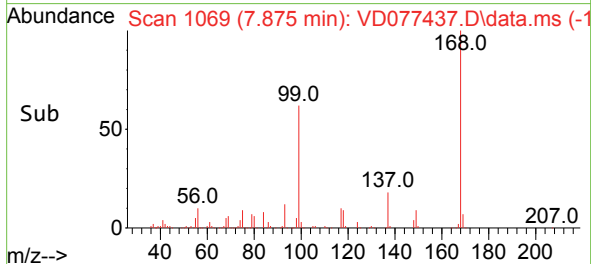
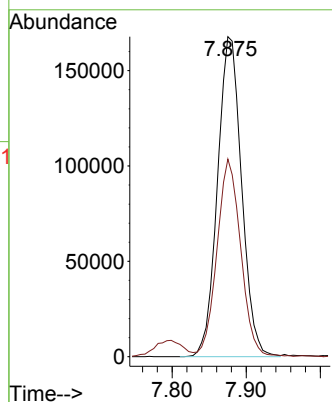
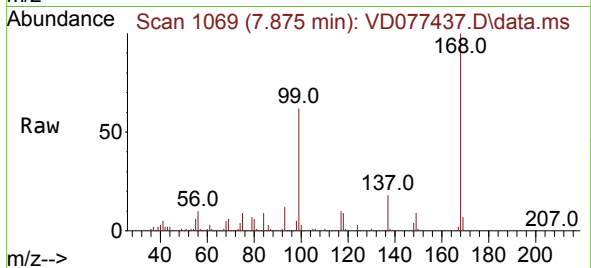
ClientSampleId :

Tgt Ion:168 Resp: 379240

Ion Ratio Lower Upper

168 100

99 61.4 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 5.091 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077437.D

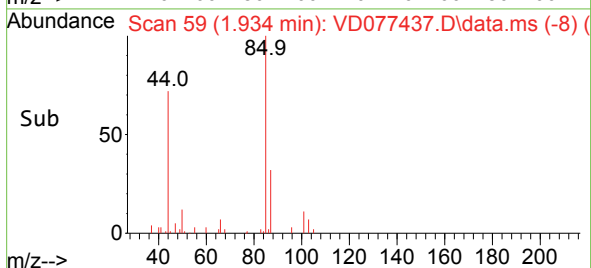
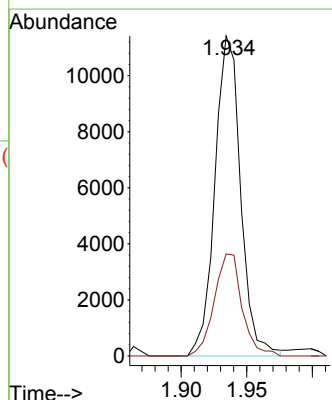
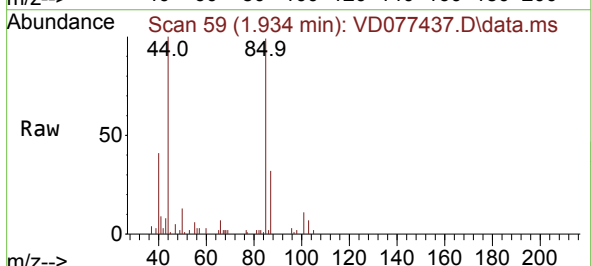
Acq: 30 Oct 2023 09:11

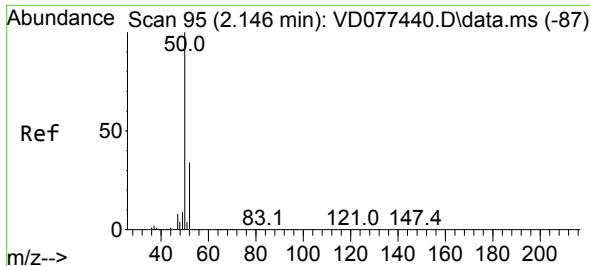
Tgt Ion: 85 Resp: 15567

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.0

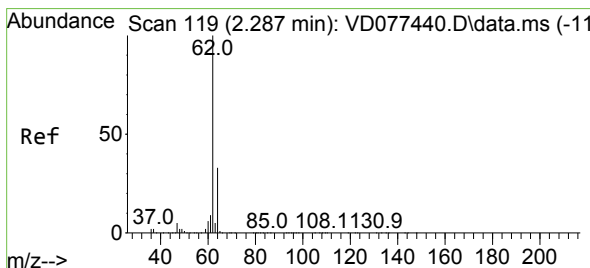
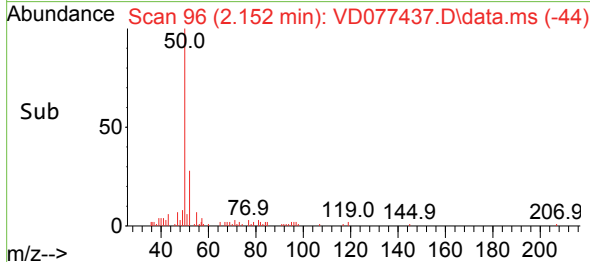
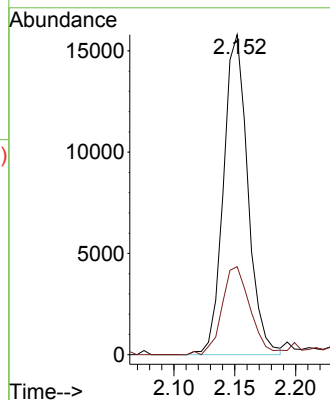
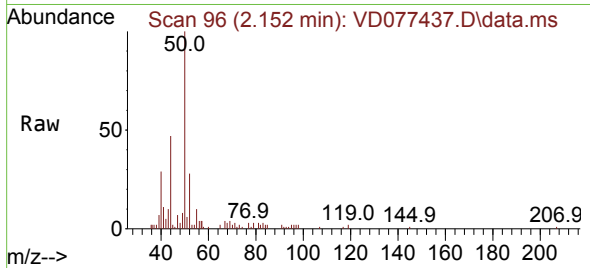




#3
Chloromethane
Concen: 4.537 ug/l
RT: 2.152 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

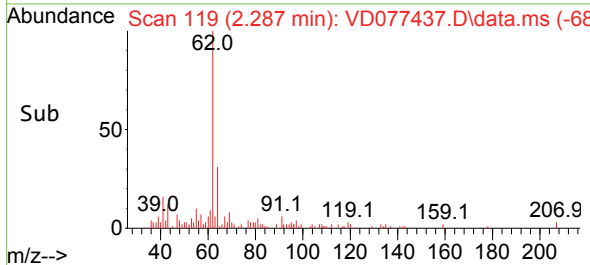
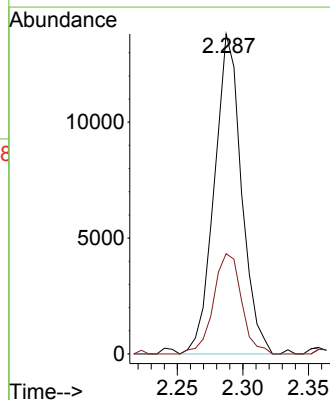
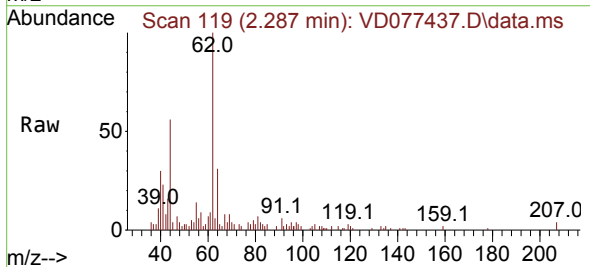
Instrument :
MSVOA_D
ClientSampleId :

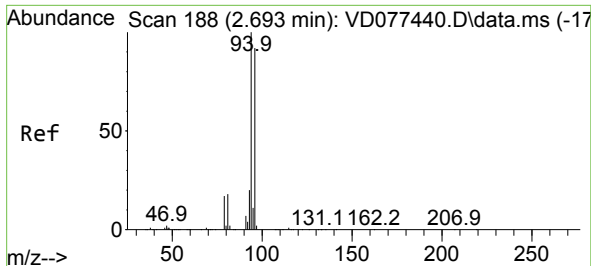
Tgt Ion: 50 Resp: 22027
Ion Ratio Lower Upper
50 100
52 27.5 26.6 40.0



#4
Vinyl Chloride
Concen: 4.204 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 62 Resp: 19901
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0

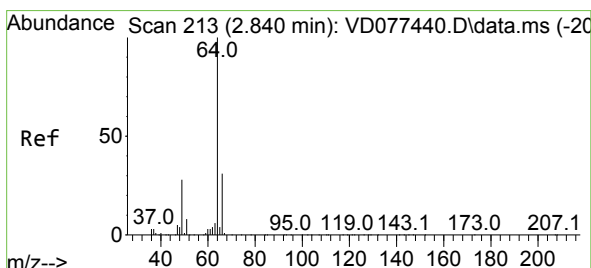
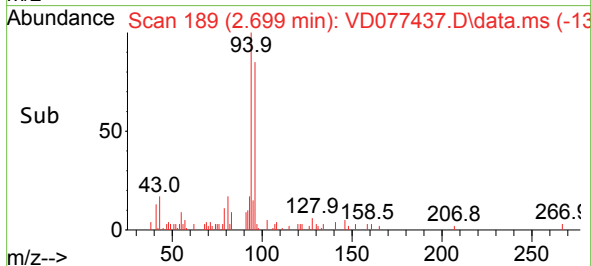
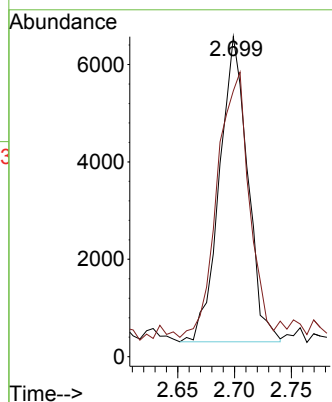
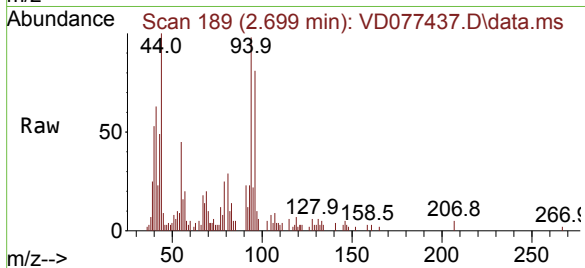




#5
Bromomethane
Concen: 4.372 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

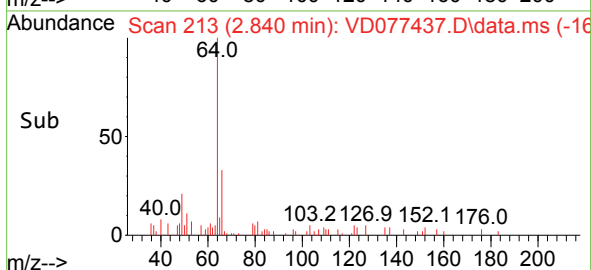
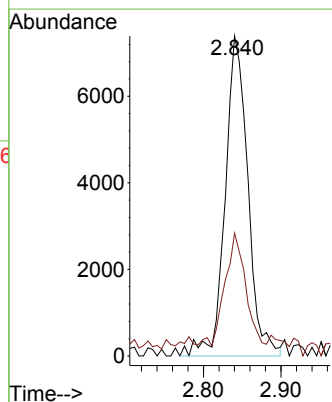
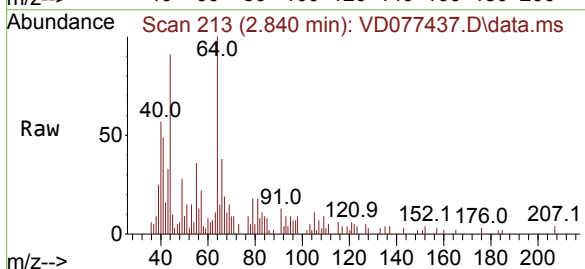
Instrument :
MSVOA_D
ClientSampleId :

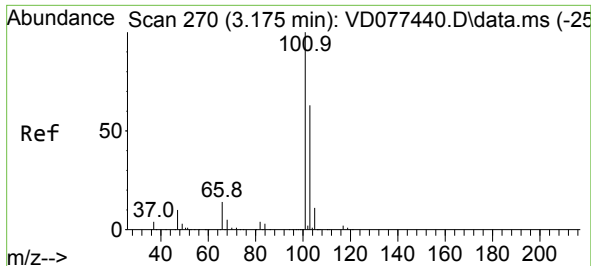
Tgt Ion: 94 Resp: 10846
Ion Ratio Lower Upper
94 100
96 97.7 75.8 113.8



#6
Chloroethane
Concen: 4.738 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 64 Resp: 15103
Ion Ratio Lower Upper
64 100
66 33.9 25.5 38.3

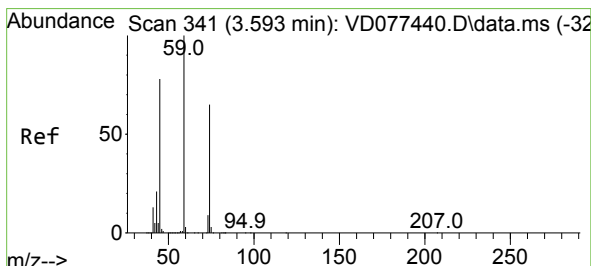
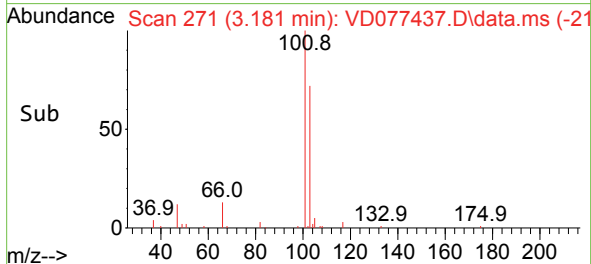
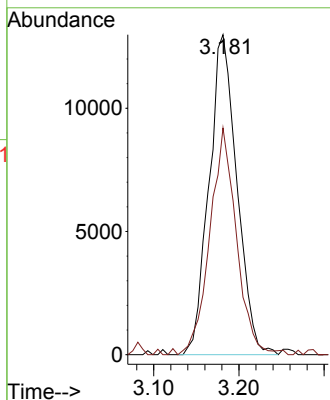
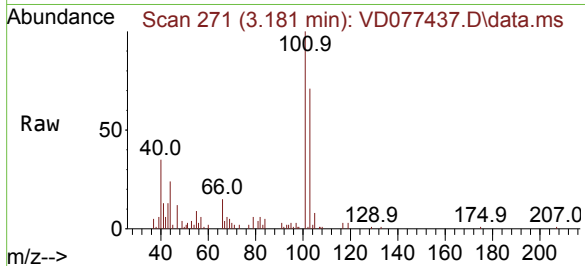




#7
Trichlorofluoromethane
Concen: 4.460 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

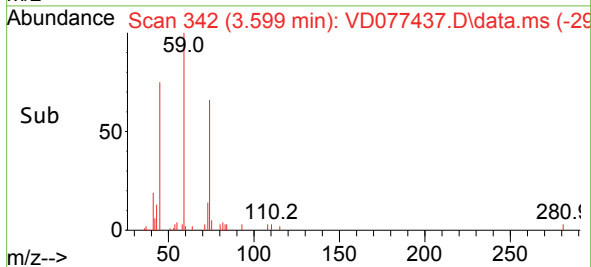
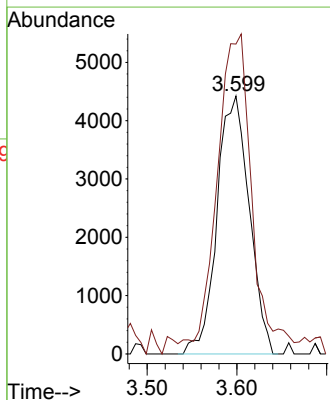
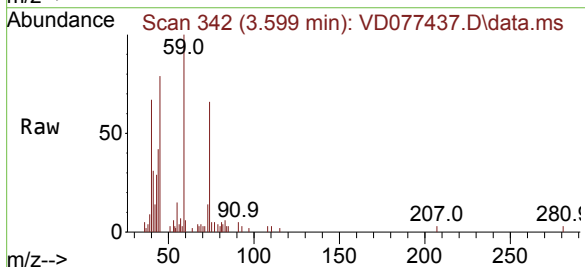
Instrument :
MSVOA_D
ClientSampleId :

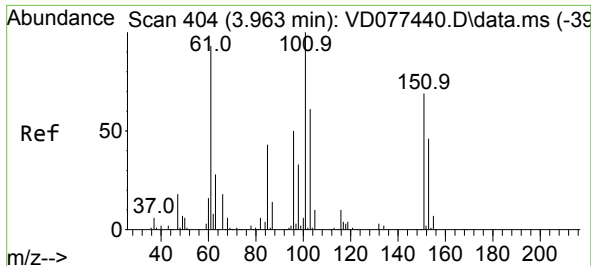
Tgt Ion:101 Resp: 29569
Ion Ratio Lower Upper
101 100
103 70.8 52.3 78.5



#8
Diethyl Ether
Concen: 4.623 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 74 Resp: 11018
Ion Ratio Lower Upper
74 100
45 125.3 37.5 112.7#

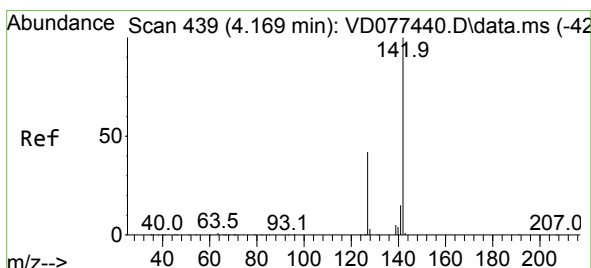
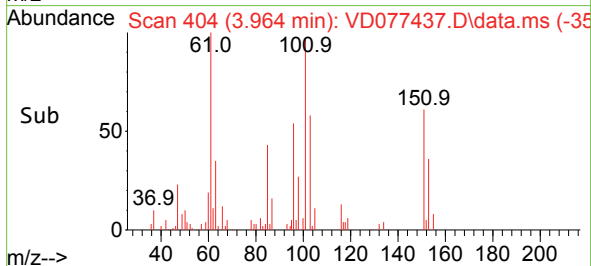
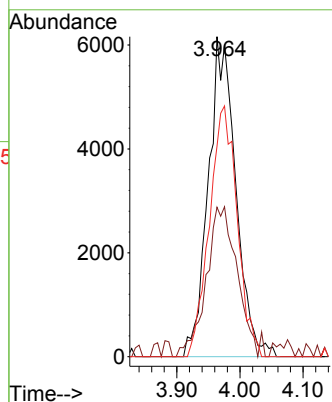
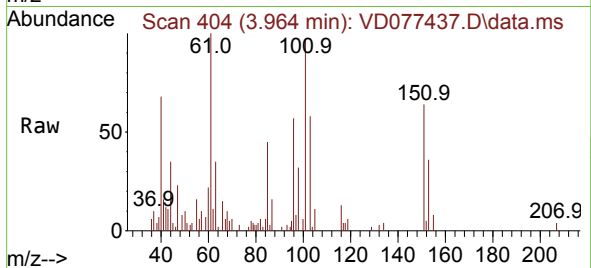




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.662 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

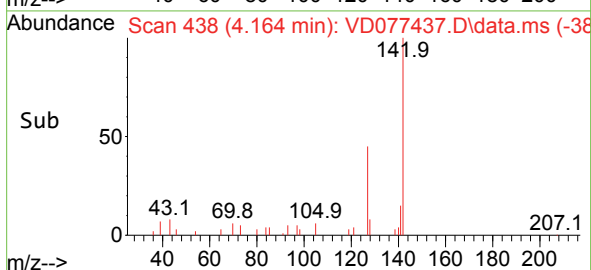
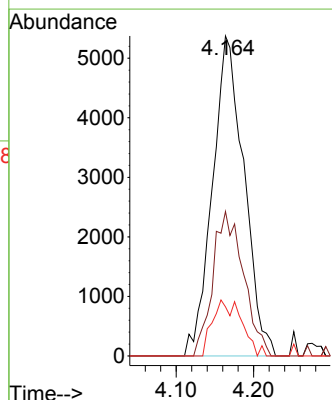
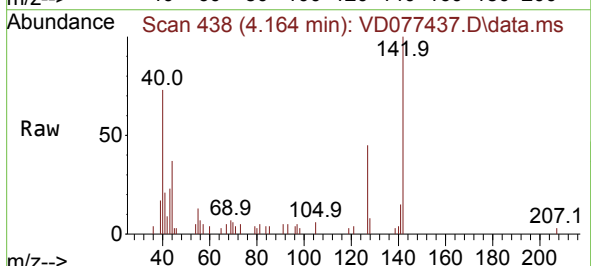
Instrument :
MSVOA_D
ClientSampleId :

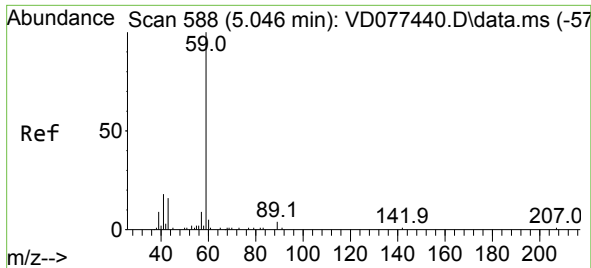
Tgt Ion:101 Resp: 18661
Ion Ratio Lower Upper
101 100
85 52.3 33.8 50.6#
151 79.0 59.8 89.6



#10
Methyl Iodide
Concen: 5.969 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

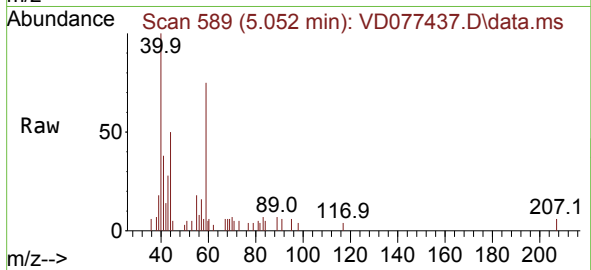
Tgt Ion:142 Resp: 15216
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 16.3 11.1 16.7



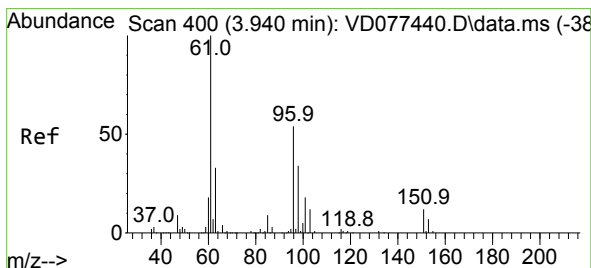
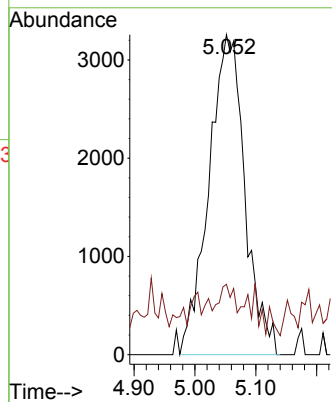
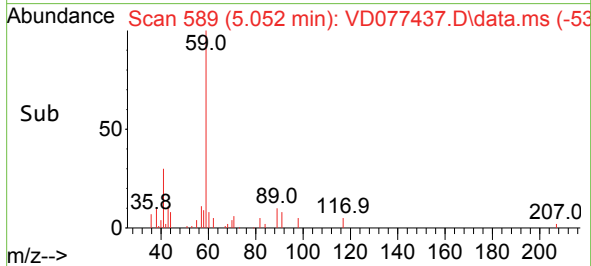


#11
Tert butyl alcohol
Concen: 31.512 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :

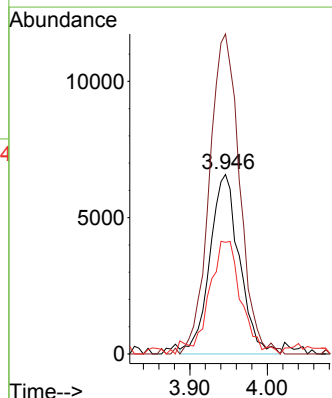
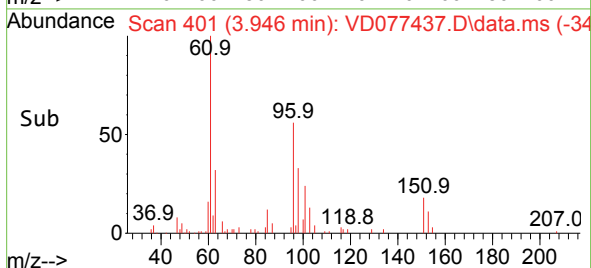
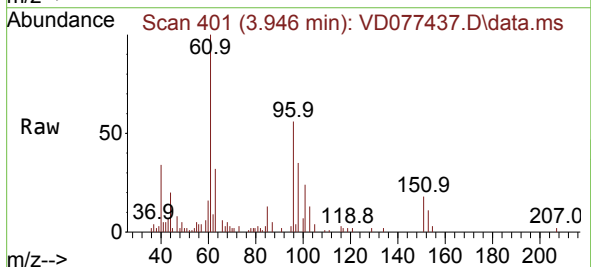


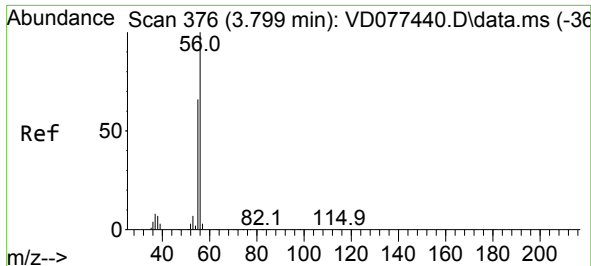
Tgt Ion: 59 Resp: 13386
Ion Ratio Lower Upper
59 100
57 2.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 4.612 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 96 Resp: 17475
Ion Ratio Lower Upper
96 100
61 178.2 100.6 150.8#
98 62.2 50.2 75.2

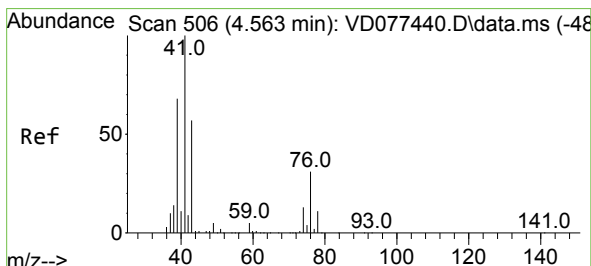
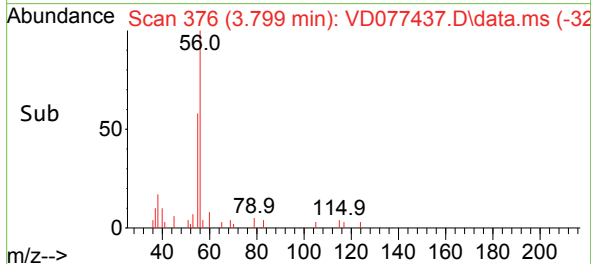
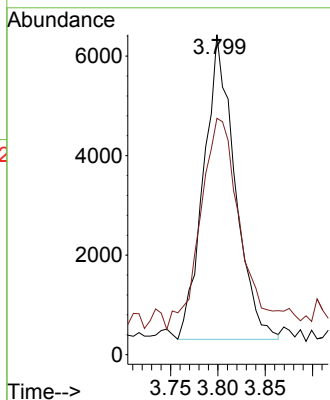
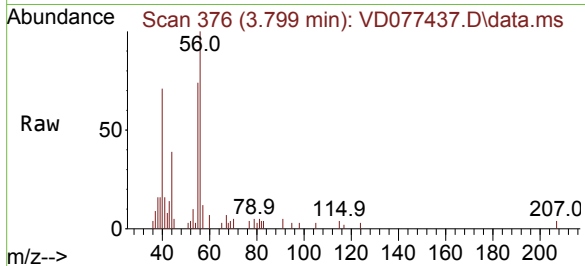




#13
Acrolein
Concen: 25.044 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

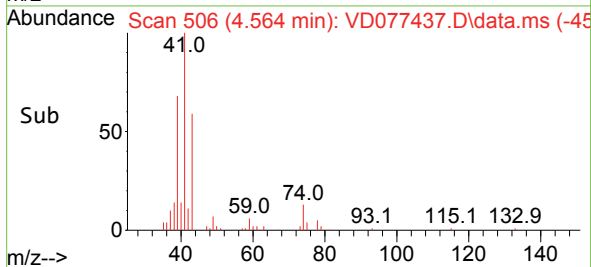
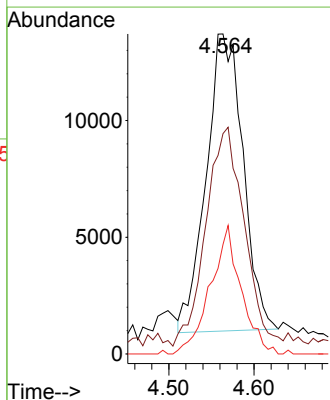
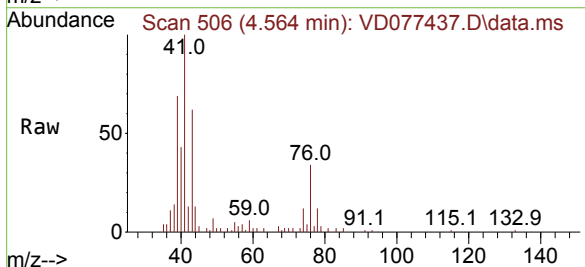
Instrument :
MSVOA_D
ClientSampleId :

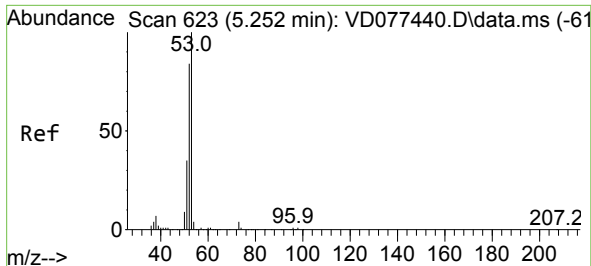
Tgt Ion: 56 Resp: 14029
Ion Ratio Lower Upper
56 100
55 85.6 55.1 82.7#



#14
Allyl chloride
Concen: 4.185 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

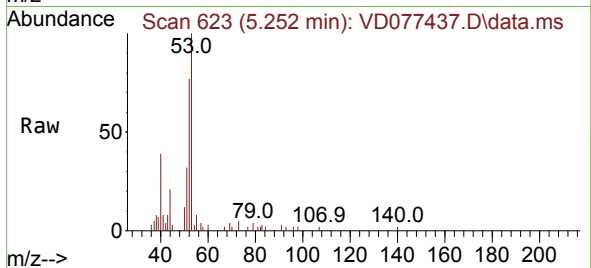
Tgt Ion: 41 Resp: 38253
Ion Ratio Lower Upper
41 100
39 76.7 53.8 80.6
76 35.9 45.8 68.8#



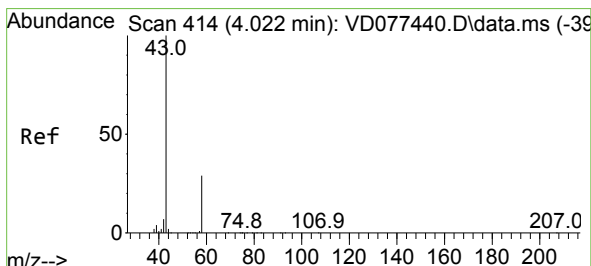
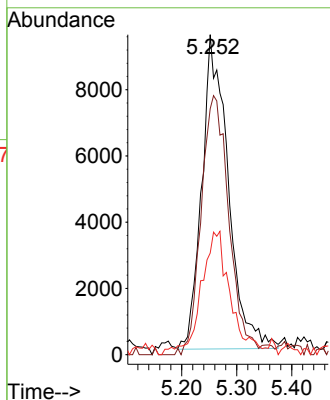
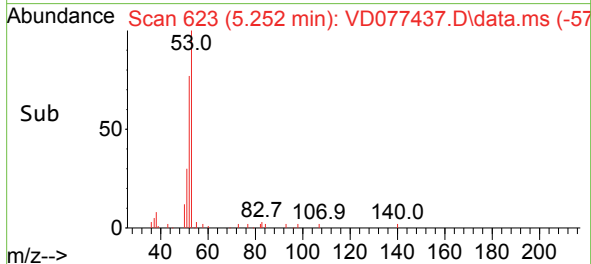


#15
Acrylonitrile
Concen: 24.559 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :

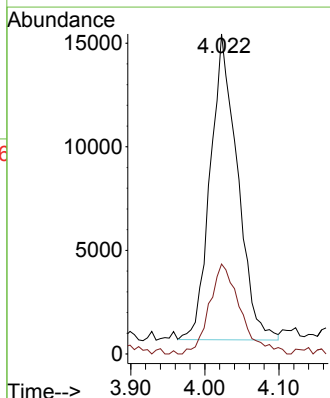
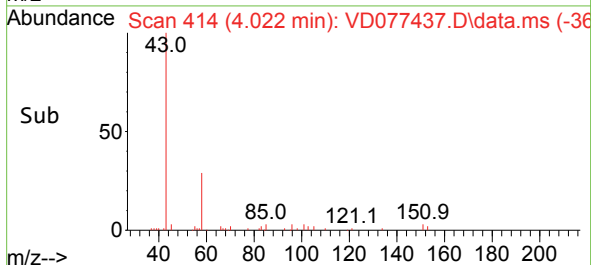
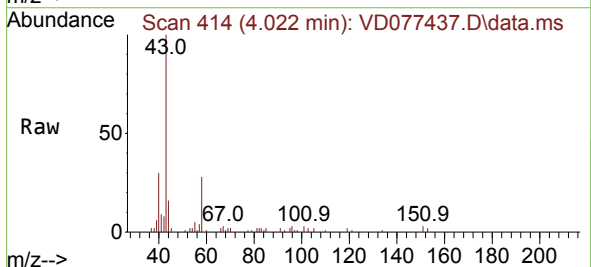


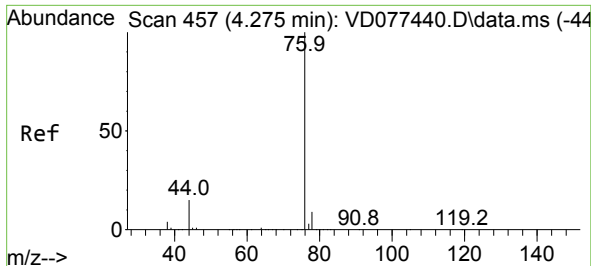
Tgt Ion: 53 Resp: 31639
Ion Ratio Lower Upper
53 100
52 86.3 65.0 97.4
51 41.1 28.3 42.5



#16
Acetone
Concen: 26.501 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 43 Resp: 37605
Ion Ratio Lower Upper
43 100
58 29.4 34.7 52.1#

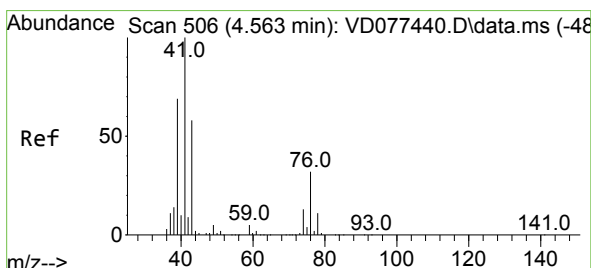
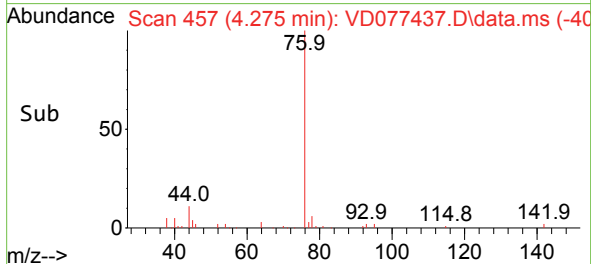
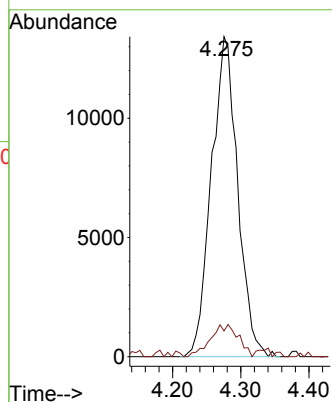
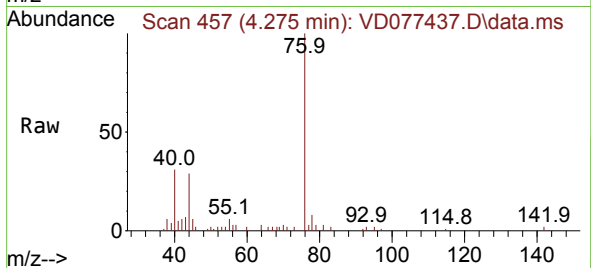




#17
Carbon Disulfide
Concen: 6.608 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

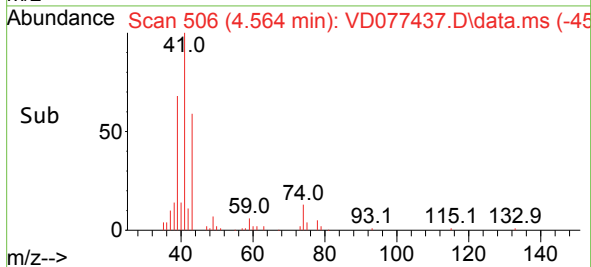
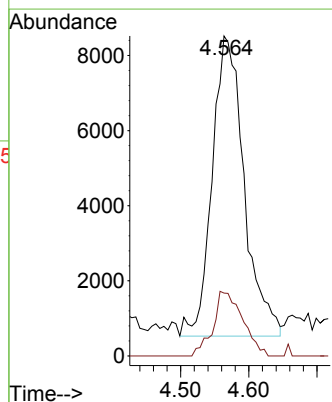
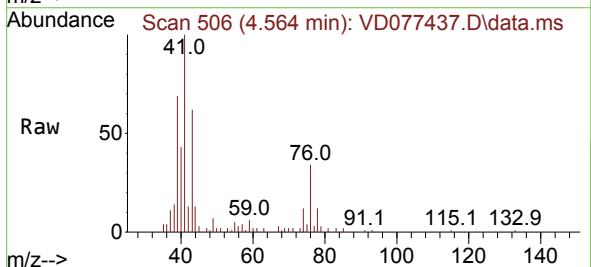
Instrument :
MSVOA_D
ClientSampleId :

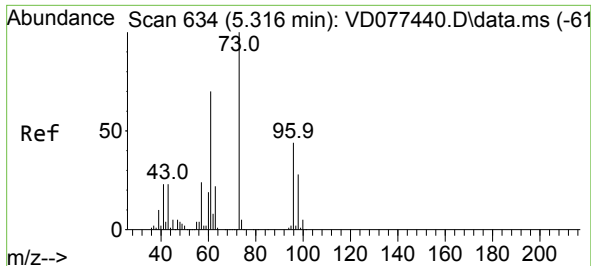
Tgt Ion: 76 Resp: 36034
Ion Ratio Lower Upper
76 100
78 6.9 6.8 10.2



#18
Methyl Acetate
Concen: 5.034 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 43 Resp: 26057
Ion Ratio Lower Upper
43 100
74 19.9 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 4.987 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

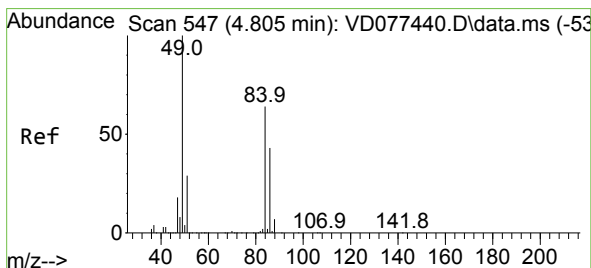
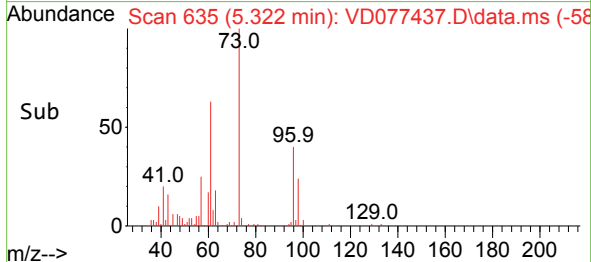
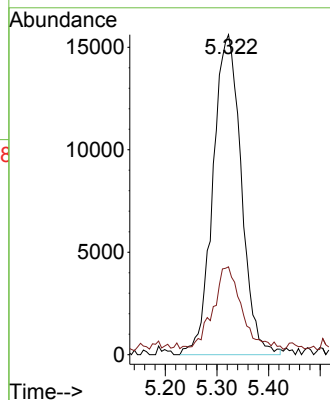
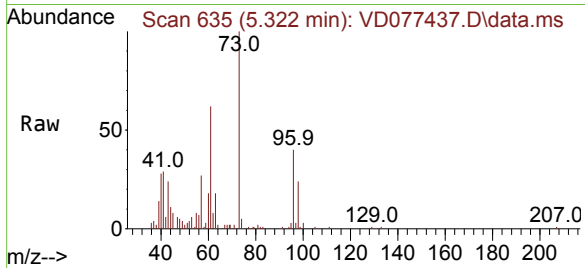
ClientSampleId :

Tgt Ion: 73 Resp: 59318

Ion Ratio Lower Upper

73 100

57 25.6 16.6 25.0#



#20

Methylene Chloride

Concen: 4.952 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Tgt Ion: 84 Resp: 38039

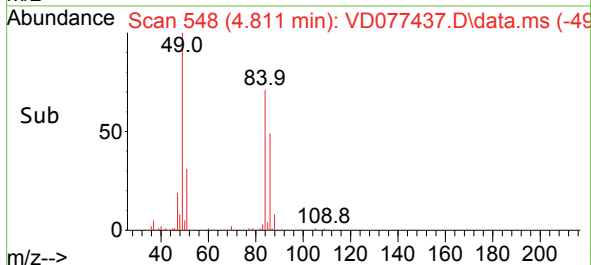
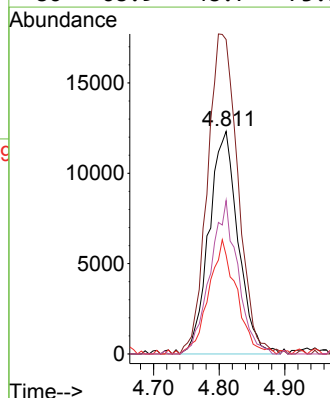
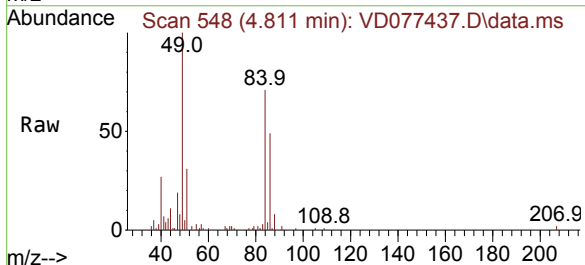
Ion Ratio Lower Upper

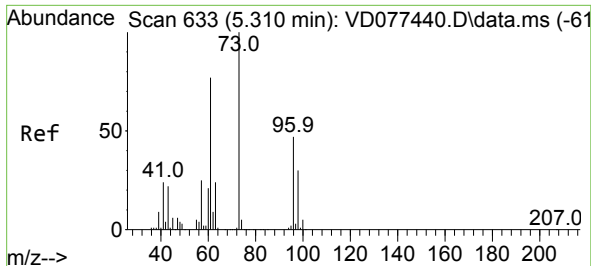
84 100

49 141.2 71.4 107.2#

51 44.4 24.5 36.7#

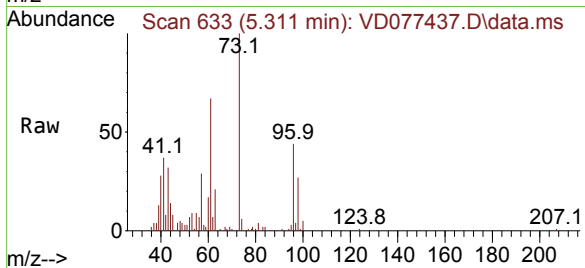
86 68.9 48.7 73.1



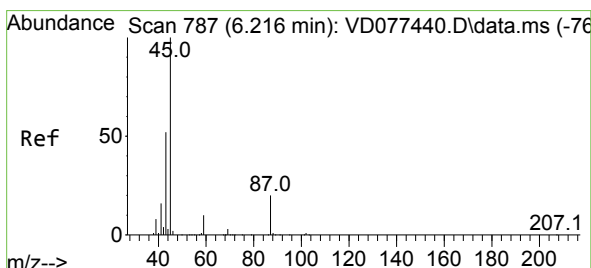
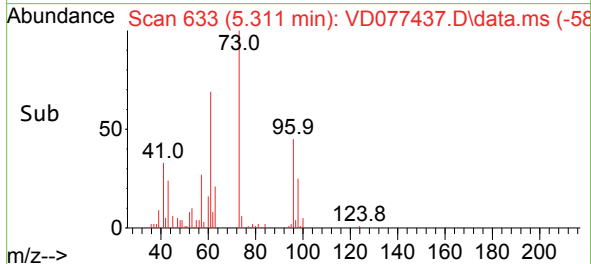
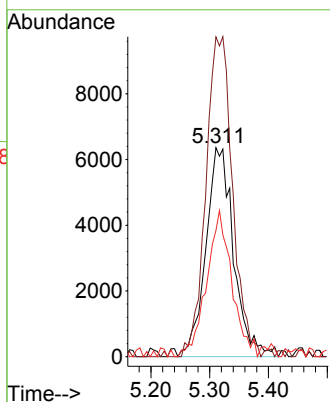


#21
trans-1,2-Dichloroethene
Concen: 4.734 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :

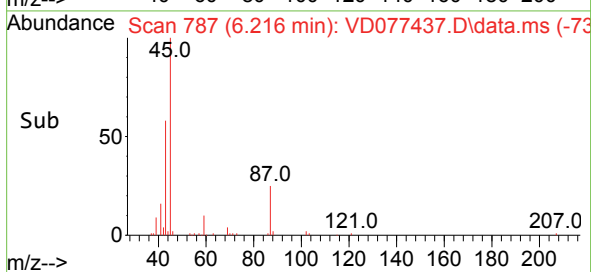
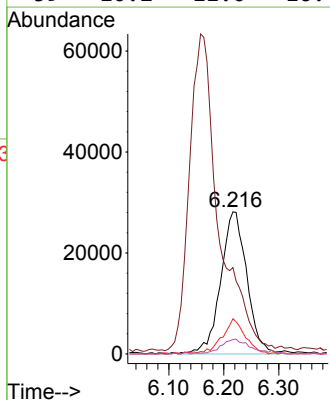
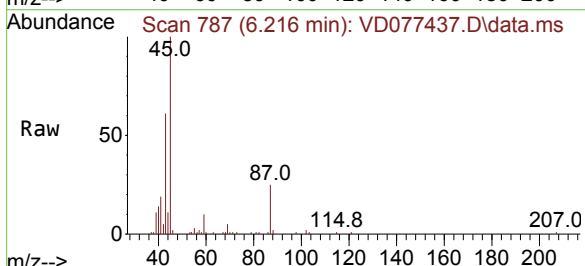


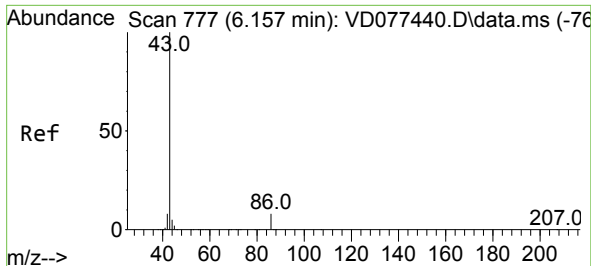
Tgt Ion: 96 Resp: 20892
Ion Ratio Lower Upper
96 100
61 153.0 89.3 133.9#
98 60.4 48.6 73.0



#22
Diisopropyl ether
Concen: 4.778 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

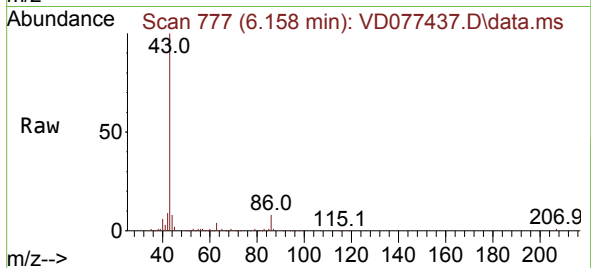
Tgt Ion: 45 Resp: 92827
Ion Ratio Lower Upper
45 100
43 55.9 40.0 60.0
87 24.8 28.2 42.4#
59 10.2 11.0 16.4#



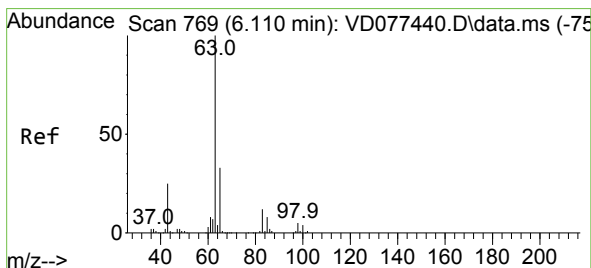
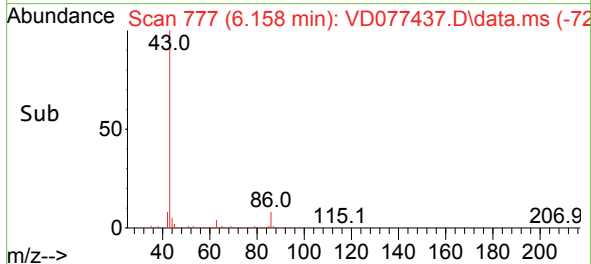
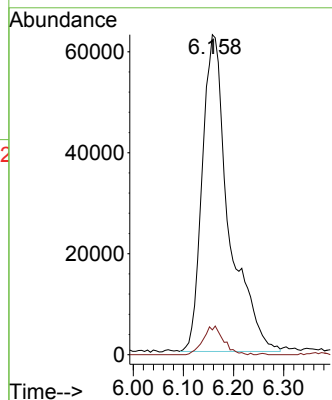


#23
 Vinyl Acetate
 Concen: 27.476 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

Instrument :
 MSVOA_D
 ClientSampleId :

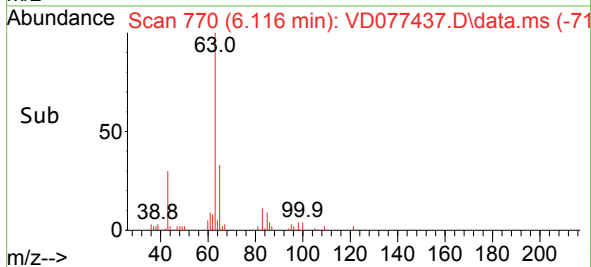
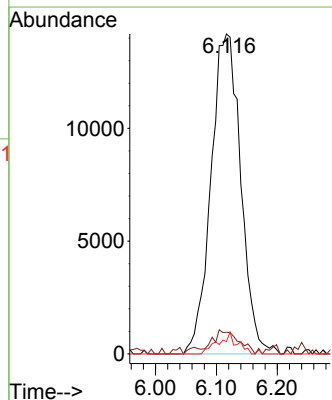
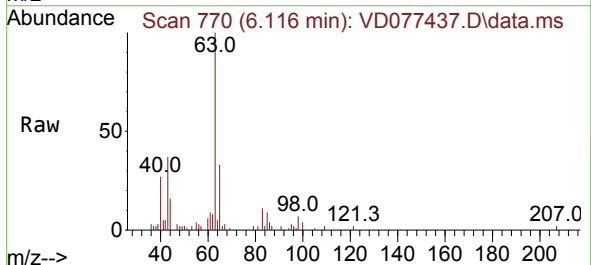


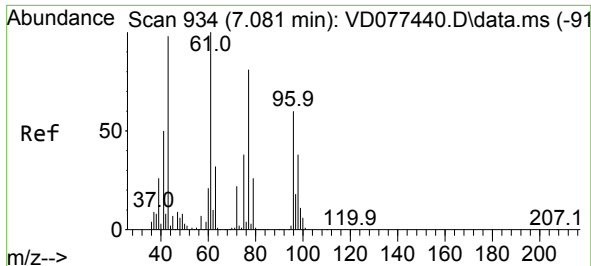
Tgt Ion: 43 Resp: 232172
 Ion Ratio Lower Upper
 43 100
 86 7.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 4.777 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

Tgt Ion: 63 Resp: 48153
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.5 13.7
 100 3.8 2.5 7.5

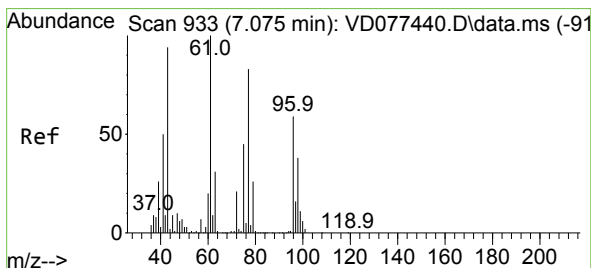
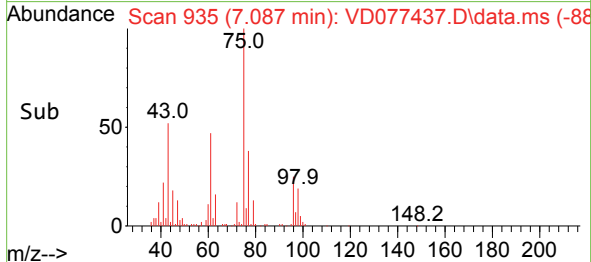
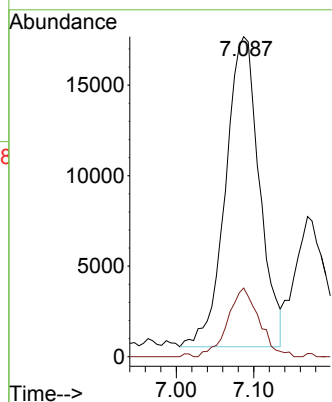
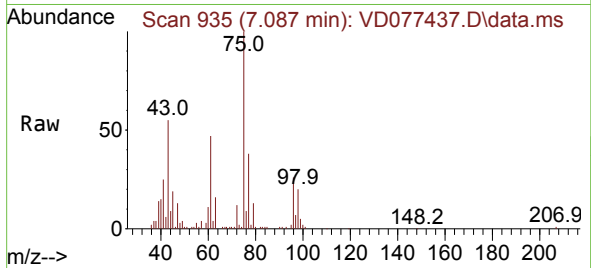




#25
2-Butanone
Concen: 27.584 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

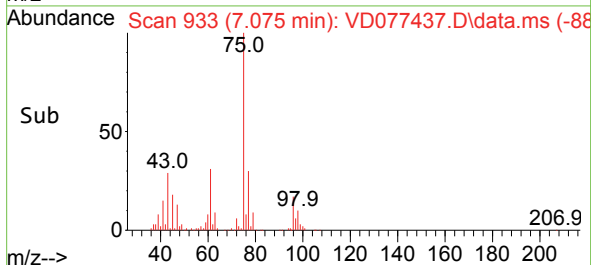
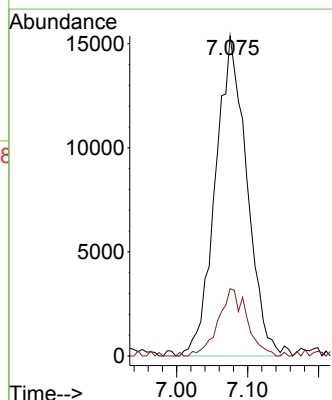
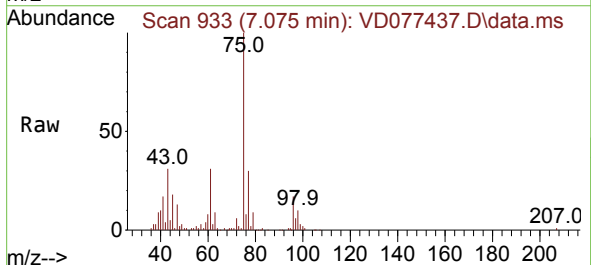
Instrument :
MSVOA_D
ClientSampleId :

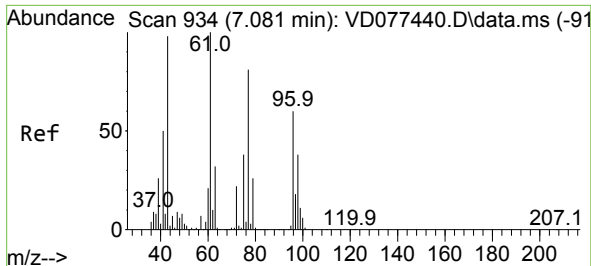
Tgt Ion: 43 Resp: 52209
Ion Ratio Lower Upper
43 100
72 22.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 5.282 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 77 Resp: 47186
Ion Ratio Lower Upper
77 100
97 19.1 13.2 39.6

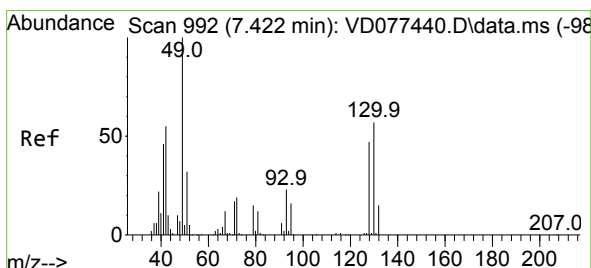
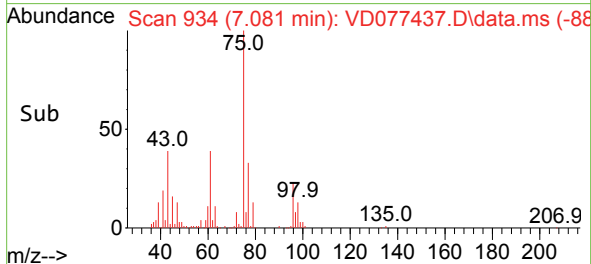
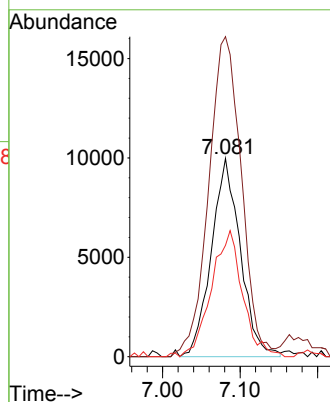
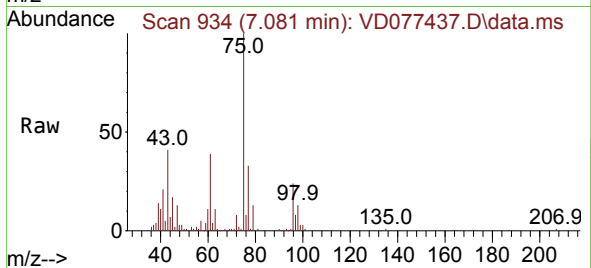




#27
cis-1,2-Dichloroethene
Concen: 4.753 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

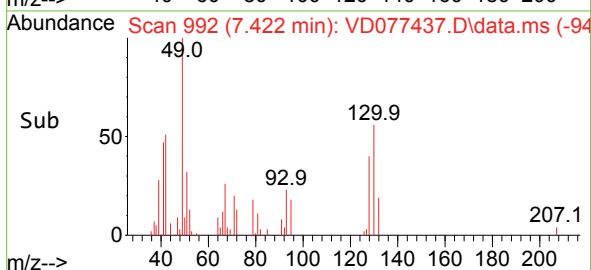
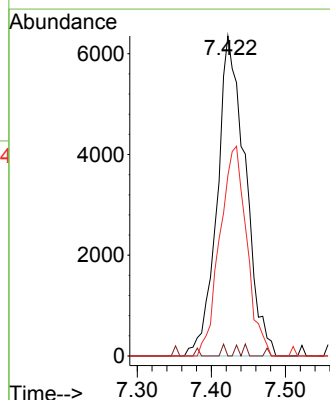
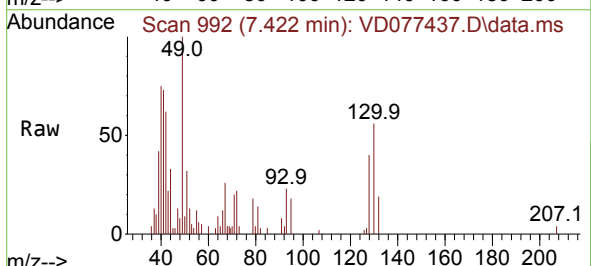
Instrument :
MSVOA_D
ClientSampleId :

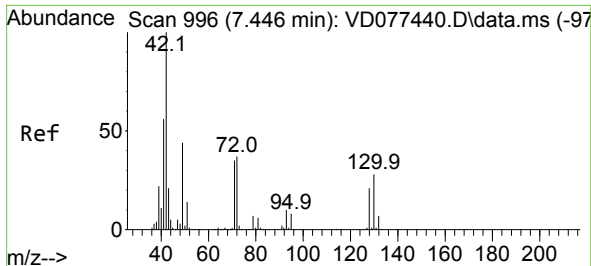
Tgt Ion:	96	Resp:	25987
Ion	Ratio	Lower	Upper
96	100		
61	181.3	0.0	239.2
98	68.5	0.0	128.6



#28
Bromochloromethane
Concen: 5.631 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion:	49	Resp:	16820
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	6.0
130	0.0	83.2	124.8#





#29

Tetrahydrofuran

Concen: 26.090 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

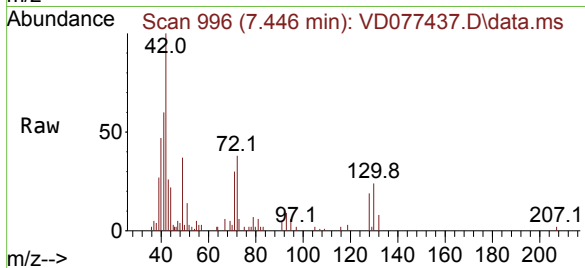
Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

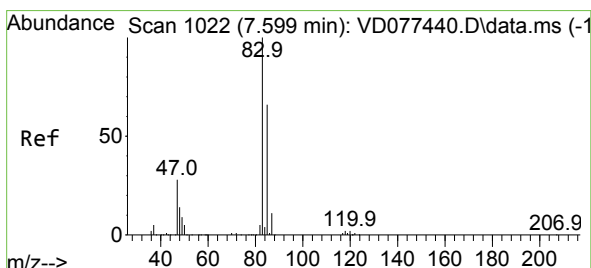
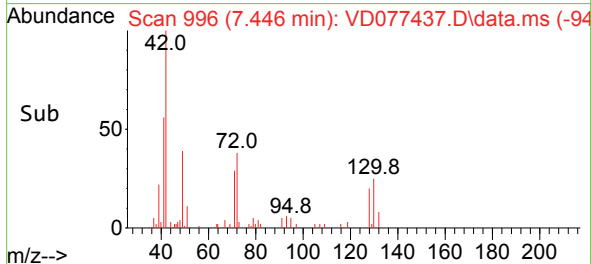
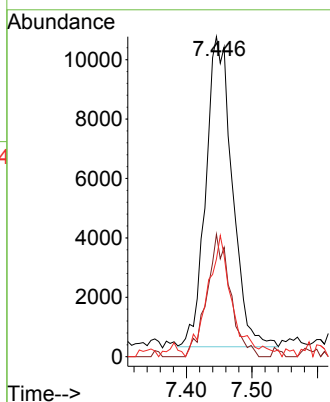
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	29288
Ion Ratio	Lower	Upper	
42	100		
72	34.8	46.5	69.7#
71	35.4	44.5	66.7#



#30

Chloroform

Concen: 4.746 ug/l

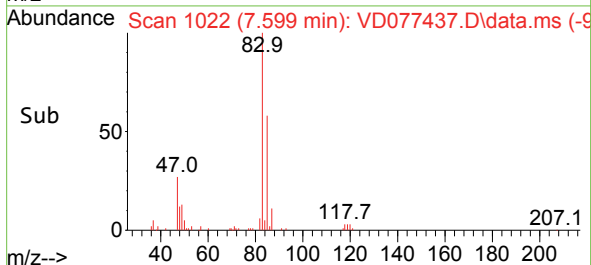
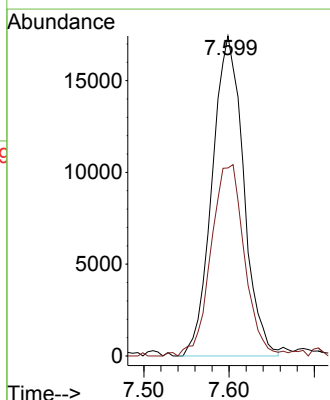
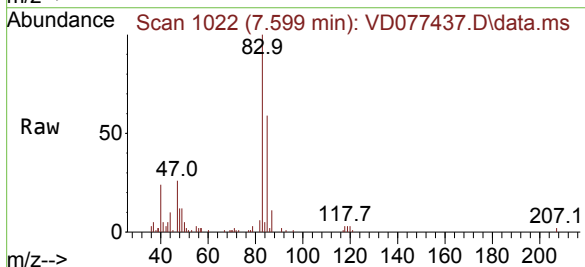
RT: 7.599 min Scan# 1022

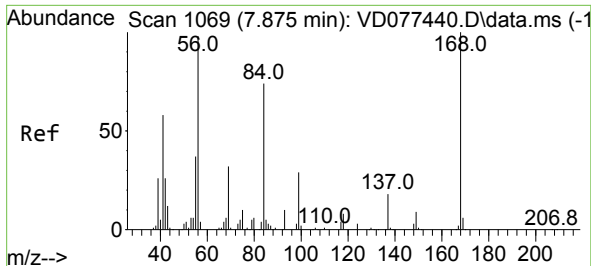
Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

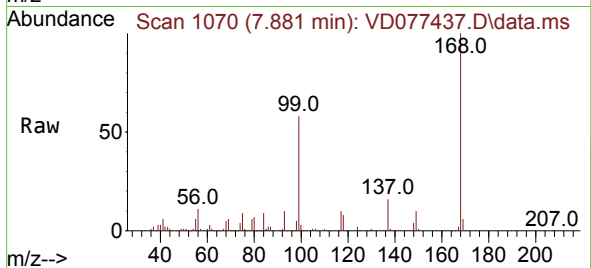
Tgt Ion:	83	Resp:	44671
Ion Ratio	Lower	Upper	
83	100		
85	58.7	53.4	80.2



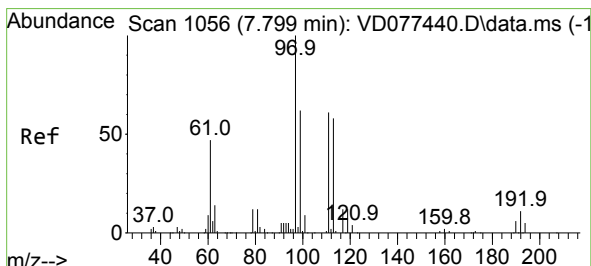
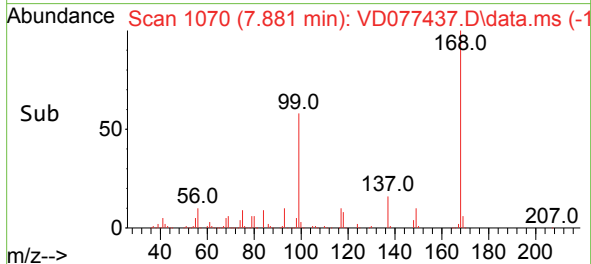
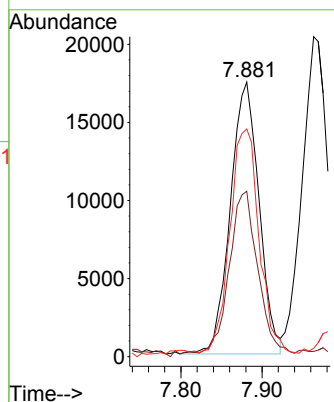


#31
Cyclohexane
Concen: 5.109 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :

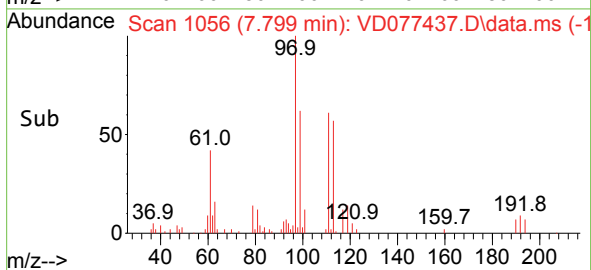
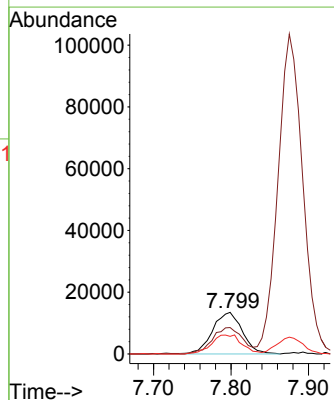
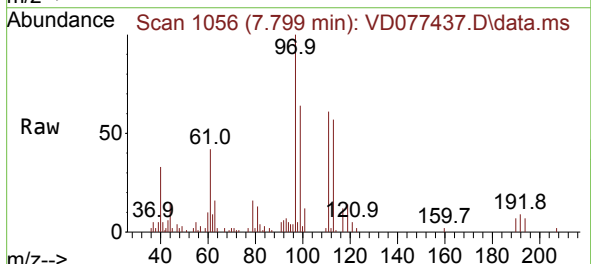


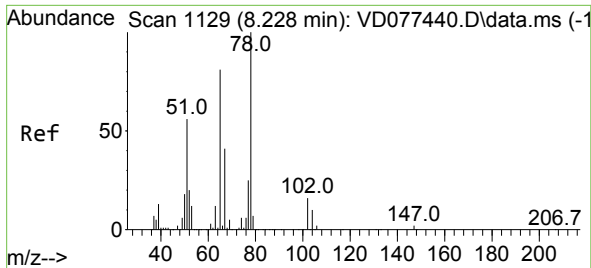
Tgt Ion: 56 Resp: 42827
Ion Ratio Lower Upper
56 100
69 59.9 28.6 43.0#
84 81.4 84.8 127.2#



#32
1,1,1-Trichloroethane
Concen: 4.638 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 97 Resp: 35964
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 46.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 5.053 ug/l

RT: 8.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

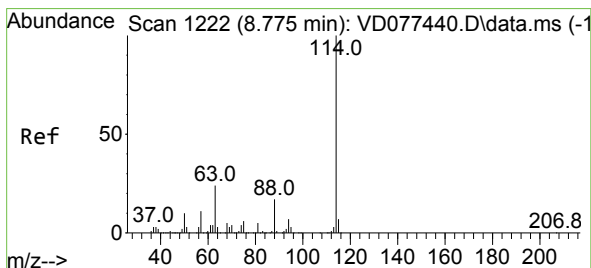
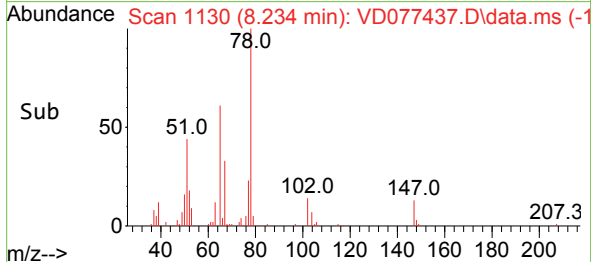
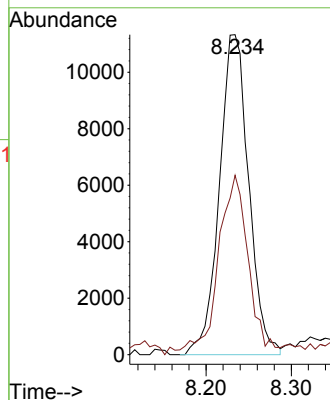
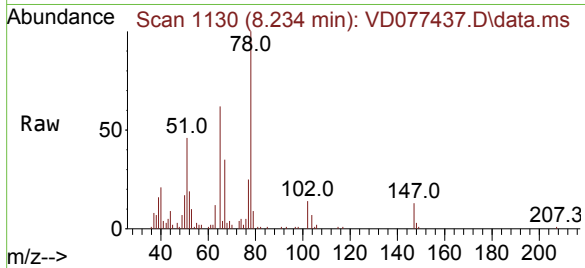
ClientSampleId :

Tgt Ion: 65 Resp: 27098

Ion Ratio Lower Upper

65 100

67 58.0 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: VD077437.D

Acq: 30 Oct 2023 09:11

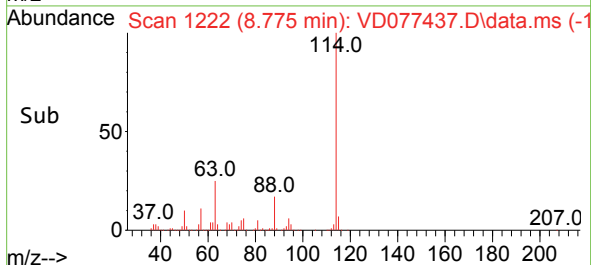
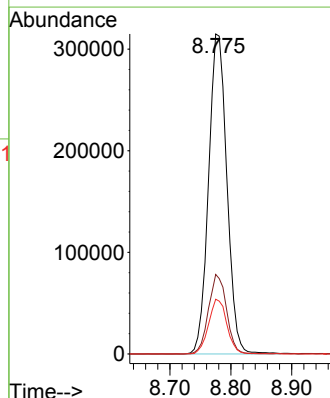
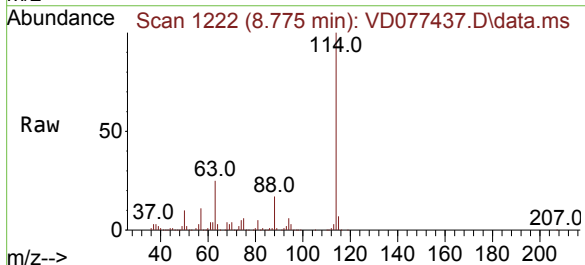
Tgt Ion: 114 Resp: 659305

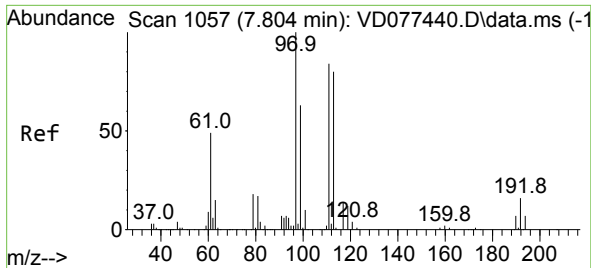
Ion Ratio Lower Upper

114 100

63 24.9 0.0 33.4

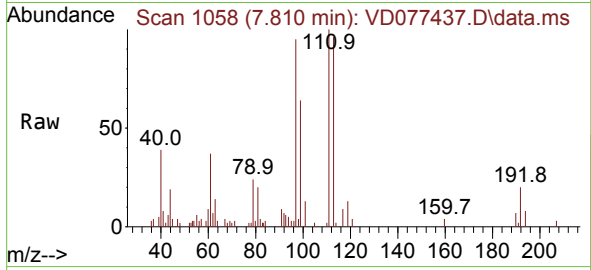
88 17.1 0.0 26.2



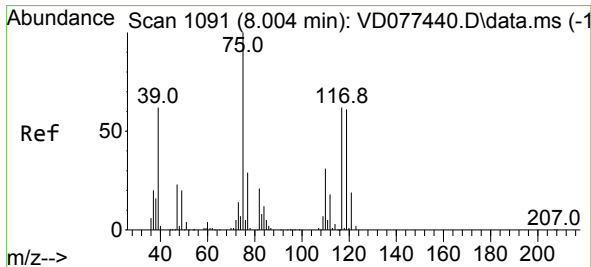
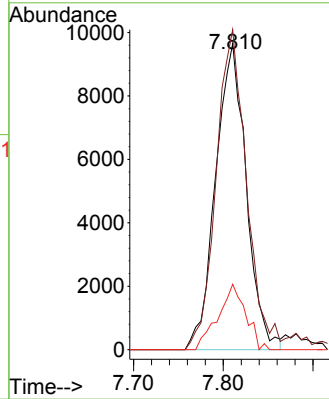
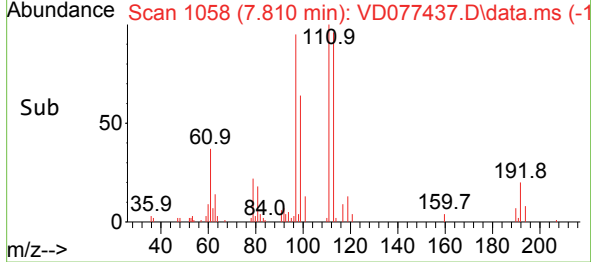


#35
Dibromofluoromethane
Concen: 5.017 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :

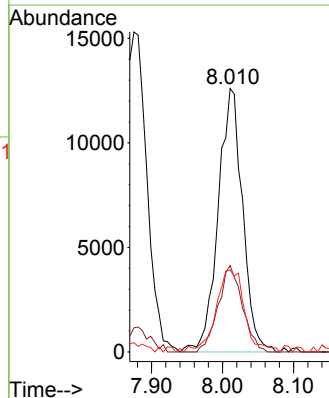
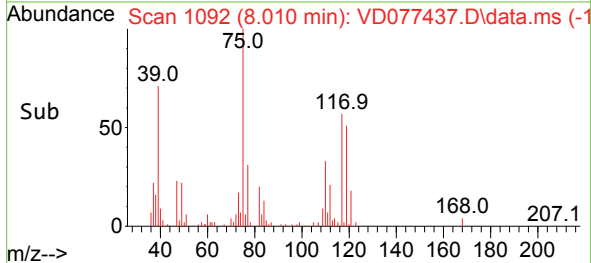
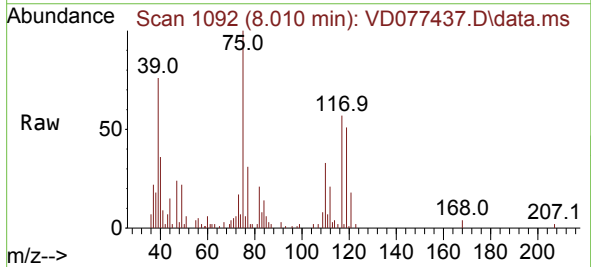


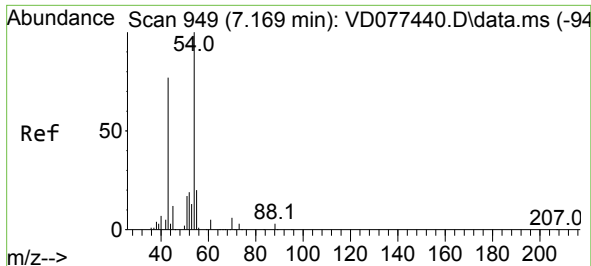
Tgt Ion:113 Resp: 22861
Ion Ratio Lower Upper
113 100
111 103.8 84.7 127.1
192 19.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.459 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 75 Resp: 30127
Ion Ratio Lower Upper
75 100
110 32.5 19.9 59.6
77 36.1 24.7 37.1





#37

Ethyl Acetate

Concen: 5.220 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

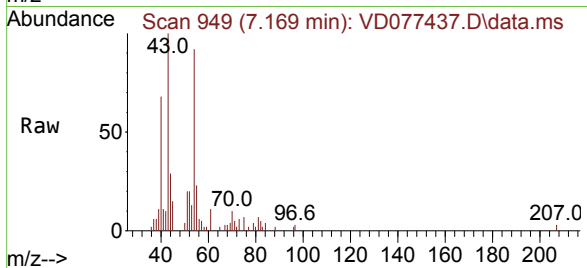
Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :



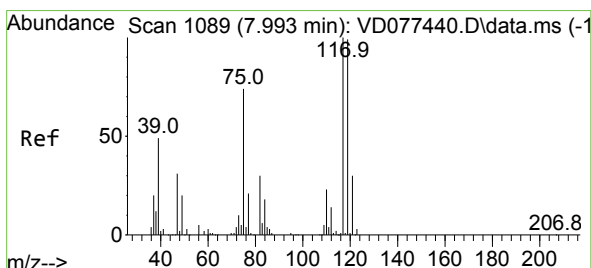
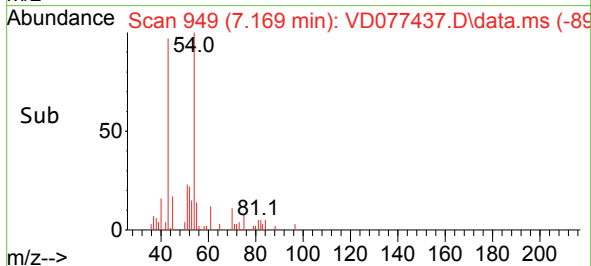
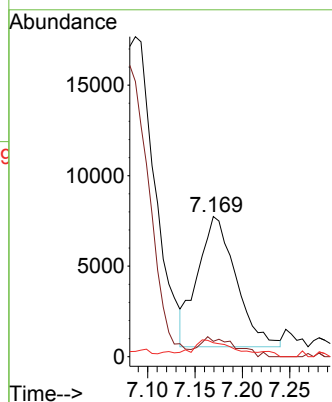
Tgt Ion: 43 Resp: 20241

Ion Ratio Lower Upper

43 100

61 13.7 14.9 22.3#

70 8.1 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 4.803 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

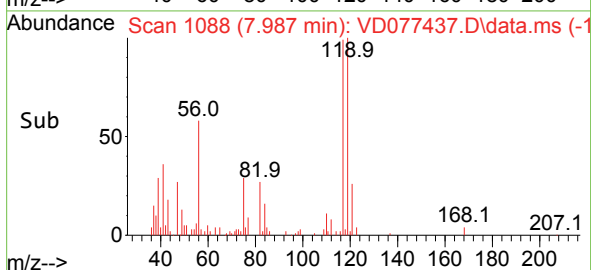
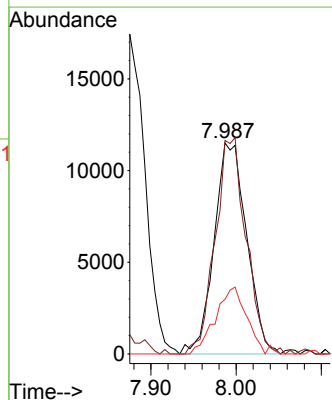
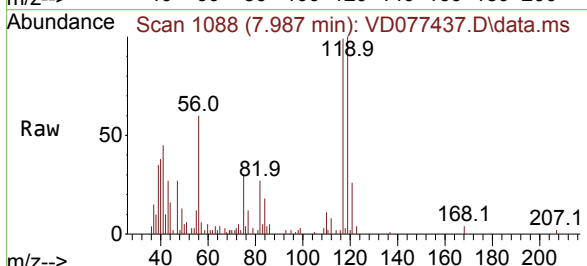
Tgt Ion: 117 Resp: 30576

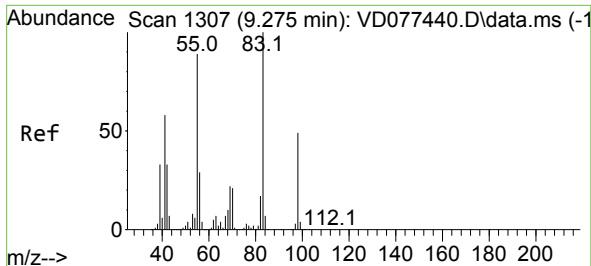
Ion Ratio Lower Upper

117 100

119 101.1 78.0 117.0

121 25.8 24.2 36.2

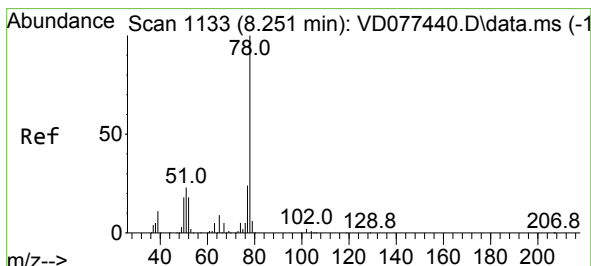
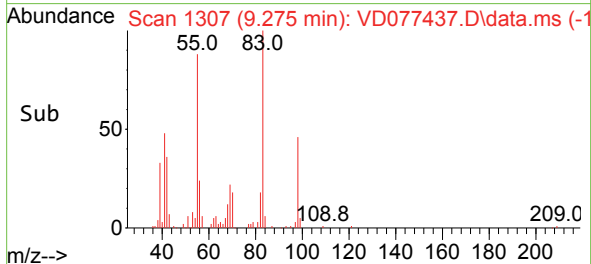
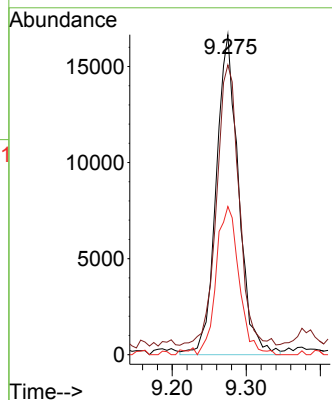
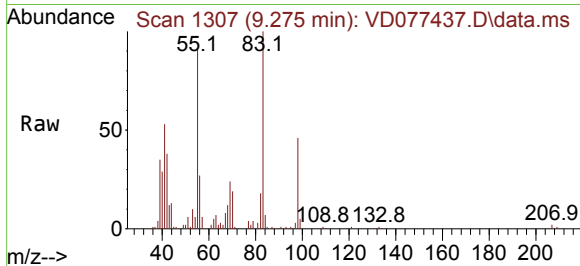




#39
Methylcyclohexane
Concen: 4.548 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

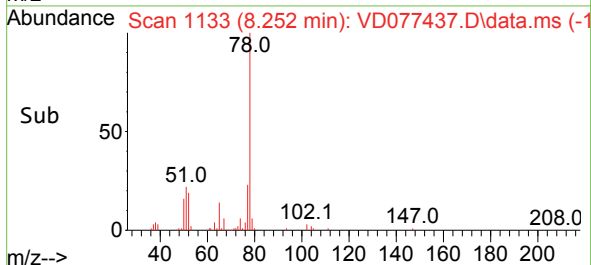
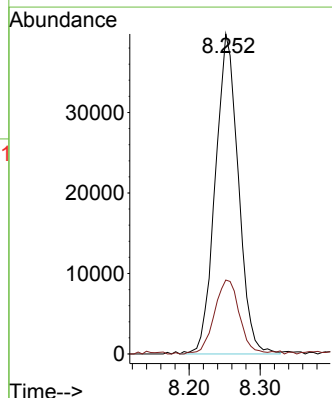
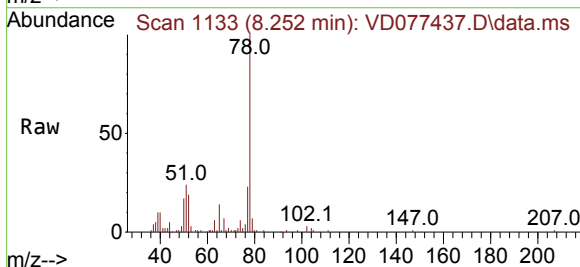
Instrument :
MSVOA_D
ClientSampleId :

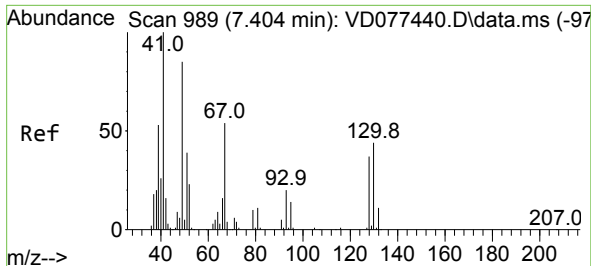
Tgt Ion: 83 Resp: 35062
Ion Ratio Lower Upper
83 100
55 88.4 49.4 74.0#
98 46.7 38.4 57.6



#40
Benzene
Concen: 4.644 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

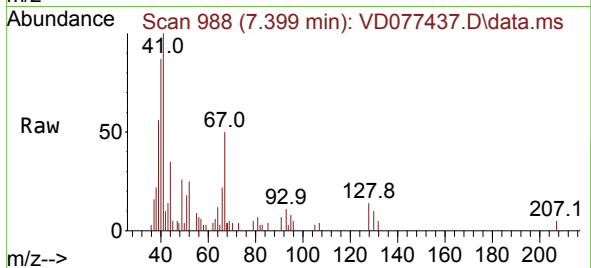
Tgt Ion: 78 Resp: 89468
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0



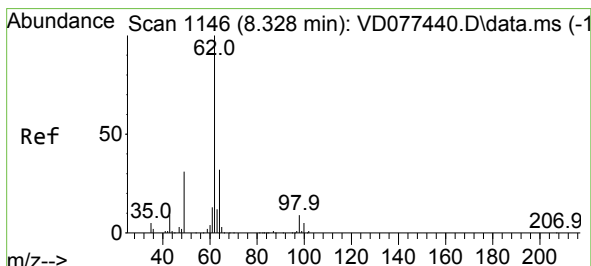
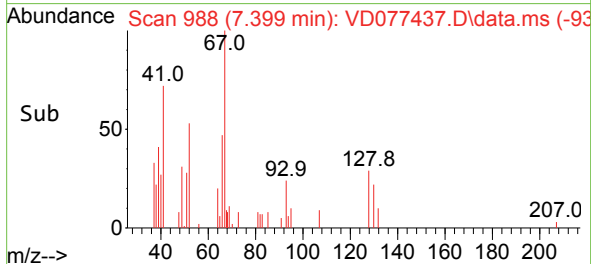
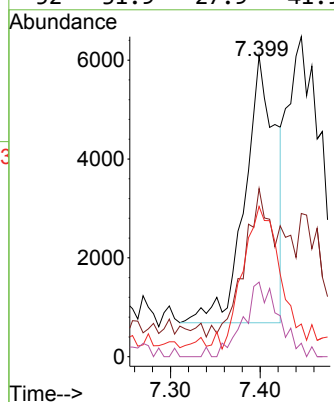


#41
Methacrylonitrile
Concen: 5.174 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :

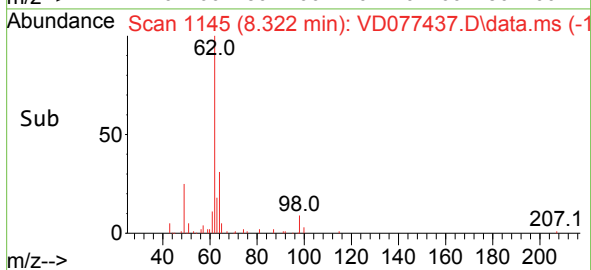
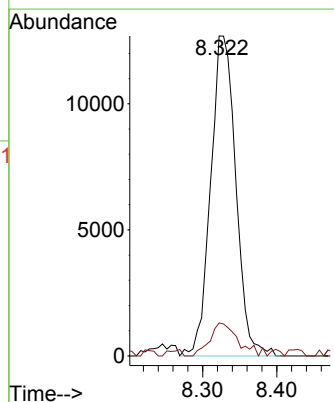
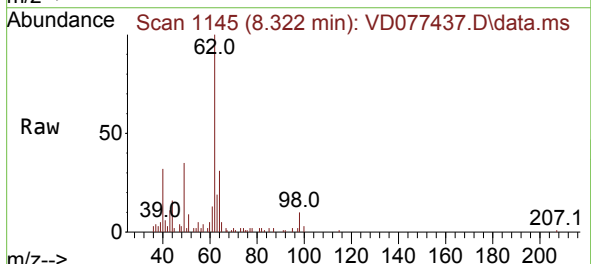


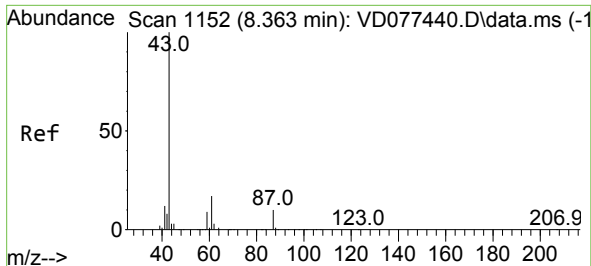
Tgt Ion:	41	Resp:	12837
Ion	Ratio	Lower	Upper
41	100		
39	49.7	34.0	51.0
67	64.5	77.0	115.4
52	31.9	27.9	41.9



#42
1,2-Dichloroethane
Concen: 4.917 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion:	62	Resp:	30005
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	25.4

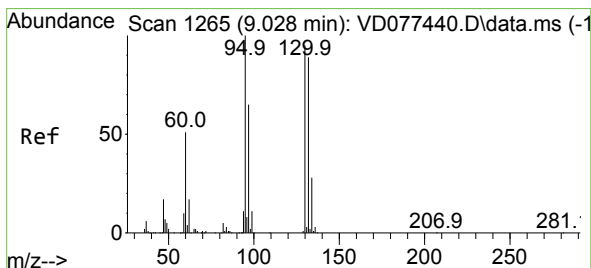
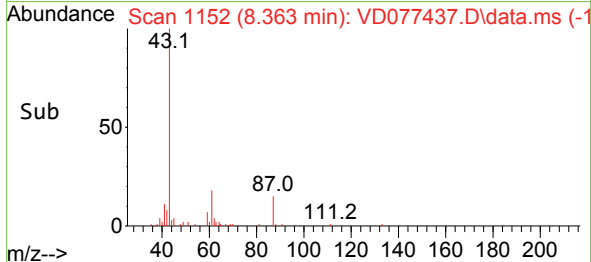
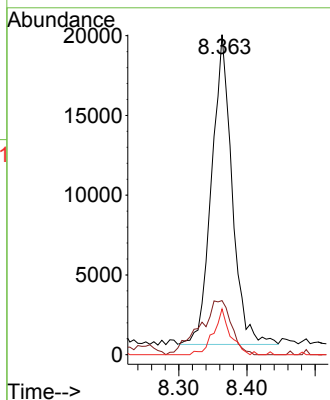
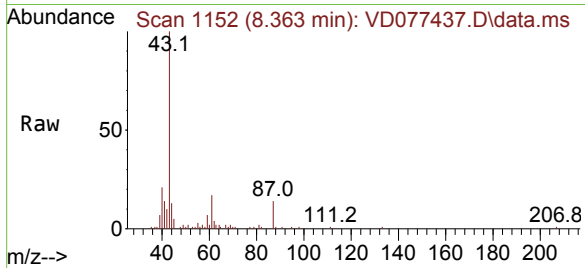




#43
Isopropyl Acetate
Concen: 5.069 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

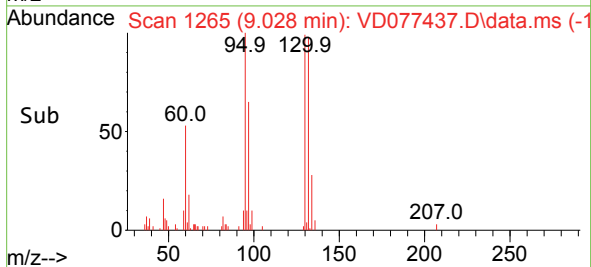
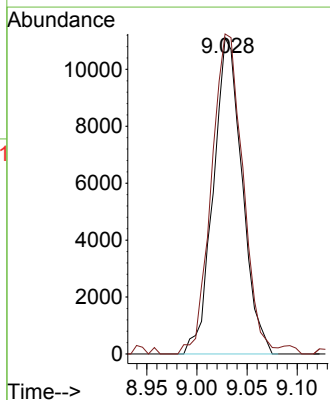
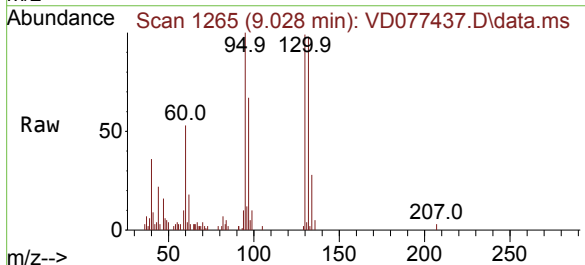
Instrument :
MSVOA_D
ClientSampleId :

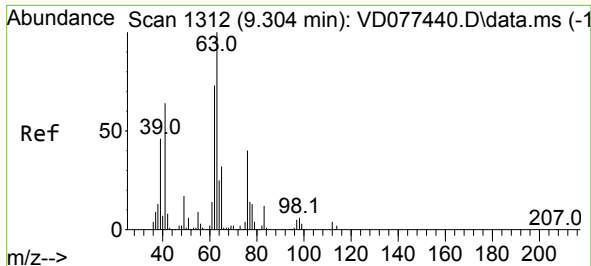
Tgt Ion: 43 Resp: 40563
Ion Ratio Lower Upper
43 100
61 27.1 31.4 47.0#
87 12.1 14.9 22.3#



#44
Trichloroethene
Concen: 4.698 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion:130 Resp: 22171
Ion Ratio Lower Upper
130 100
95 101.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 4.683 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

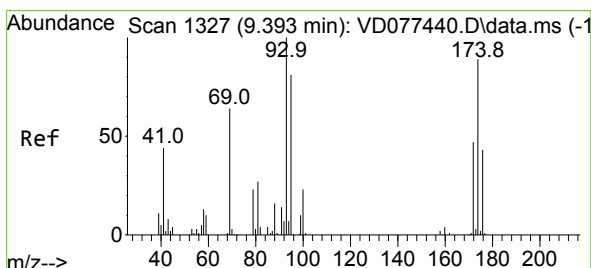
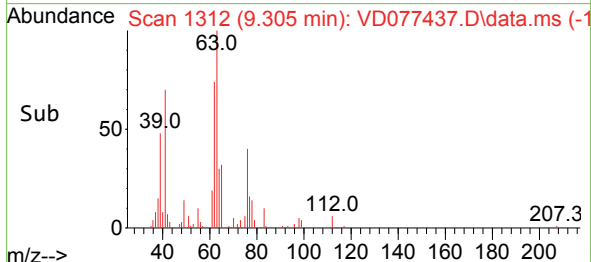
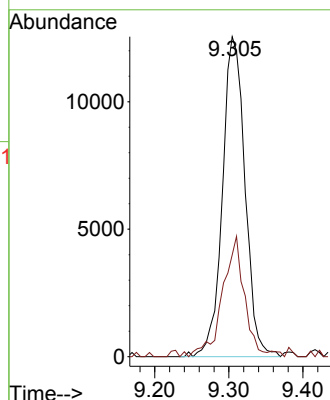
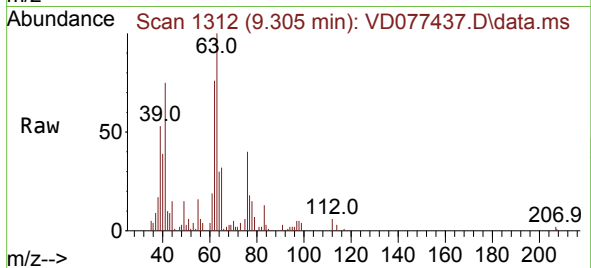
ClientSampleId :

Tgt Ion: 63 Resp: 26564

Ion Ratio Lower Upper

63 100

65 31.8 24.5 36.7



#46

Dibromomethane

Concen: 5.068 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

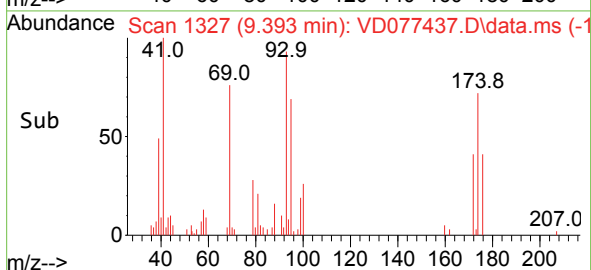
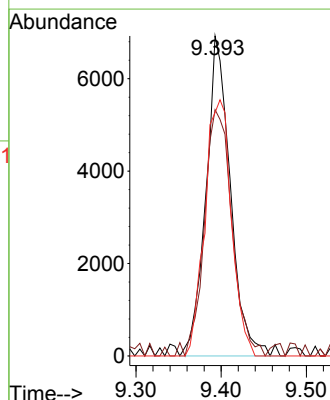
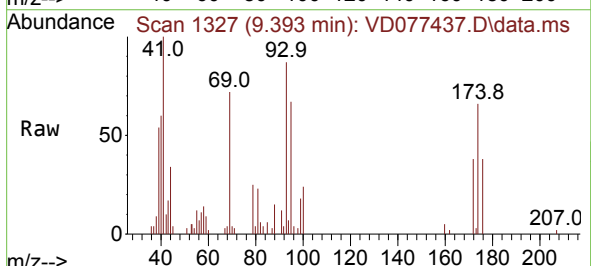
Tgt Ion: 93 Resp: 13833

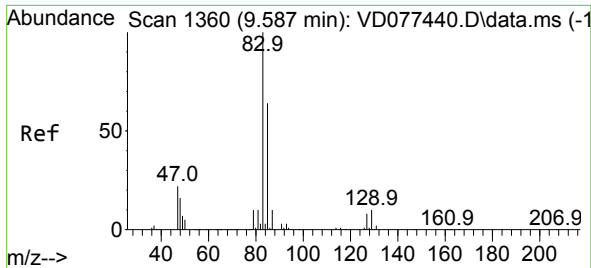
Ion Ratio Lower Upper

93 100

95 86.9 67.7 101.5

174 87.0 85.4 128.2

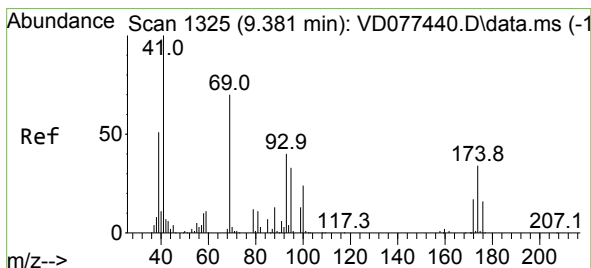
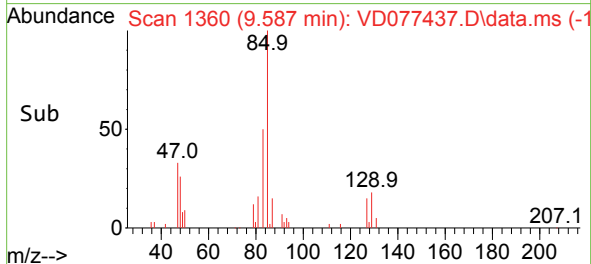
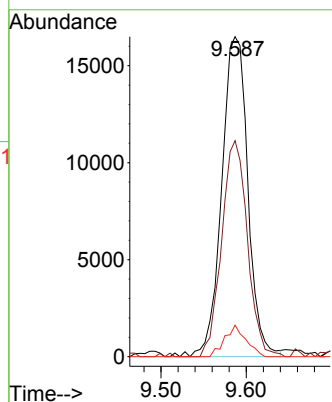
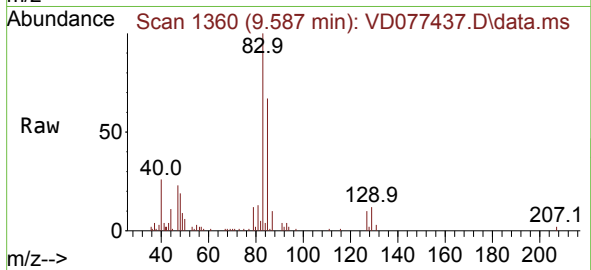




#47
Bromodichloromethane
Concen: 4.872 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

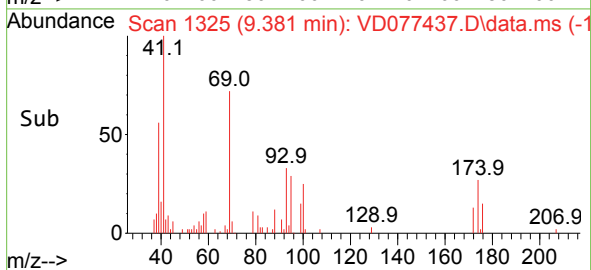
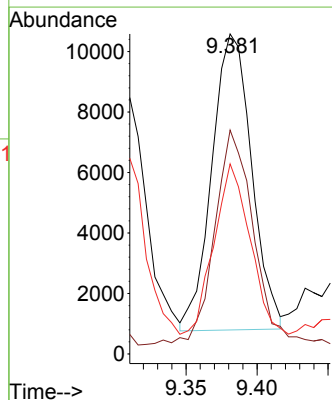
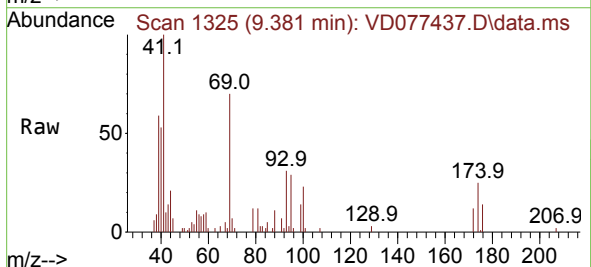
Instrument :
MSVOA_D
ClientSampleId :

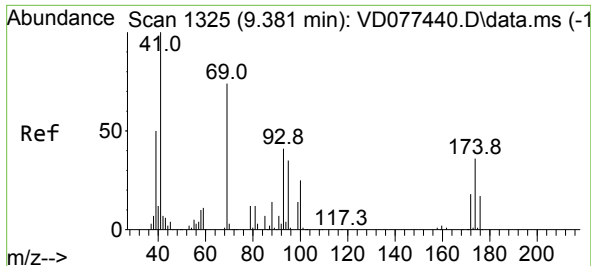
Tgt Ion: 83 Resp: 35153
Ion Ratio Lower Upper
83 100
85 67.5 50.2 75.4
127 9.8 6.3 9.5#



#48
Methyl methacrylate
Concen: 4.986 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 41 Resp: 19044
Ion Ratio Lower Upper
41 100
69 79.6 102.2 153.2#
39 57.5 41.4 62.2





#49

1,4-Dioxane

Concen: 102.557 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

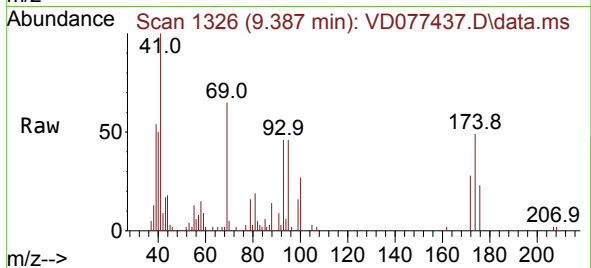
Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :



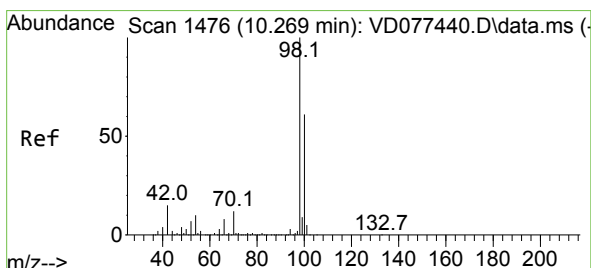
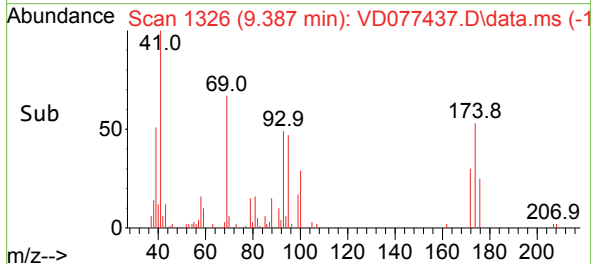
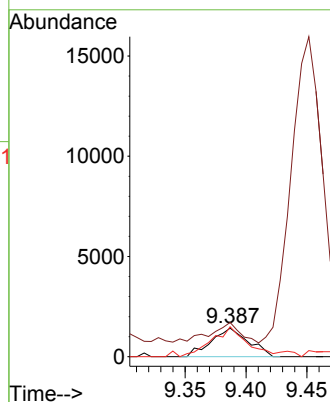
Tgt Ion: 88 Resp: 3008

Ion Ratio Lower Upper

88 100

43 57.3 19.0 28.6#

58 98.5 43.5 65.3#



#50

Toluene-d8

Concen: 4.903 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077437.D

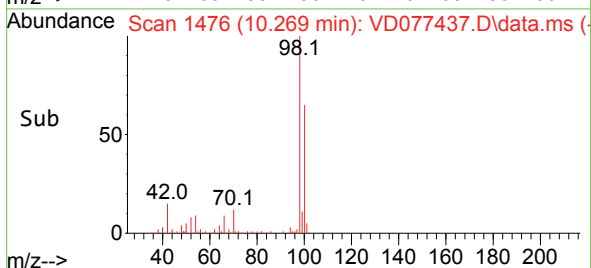
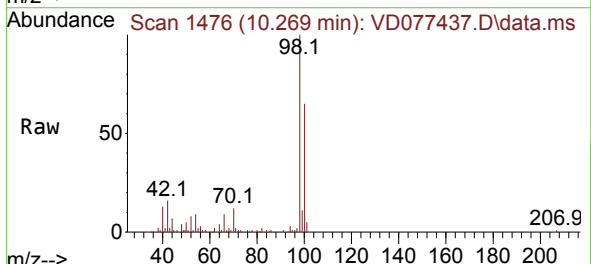
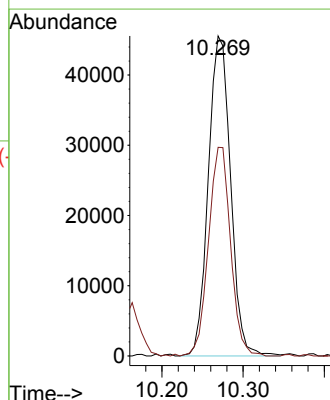
Acq: 30 Oct 2023 09:11

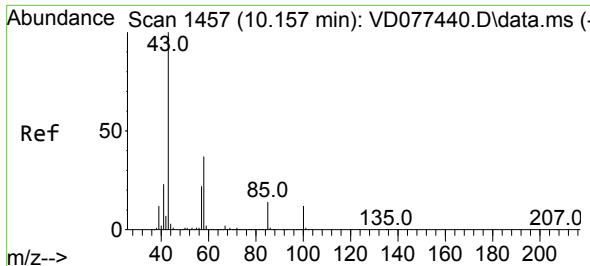
Tgt Ion: 98 Resp: 86787

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

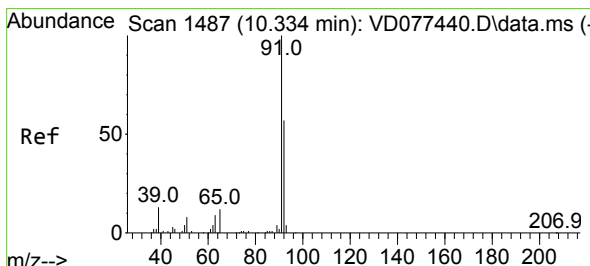
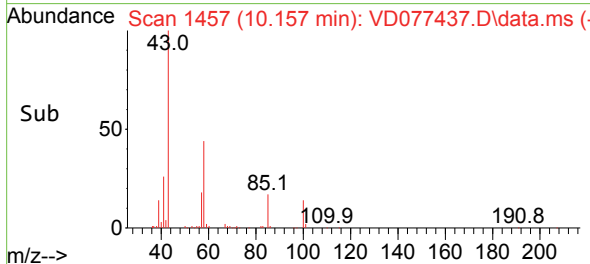
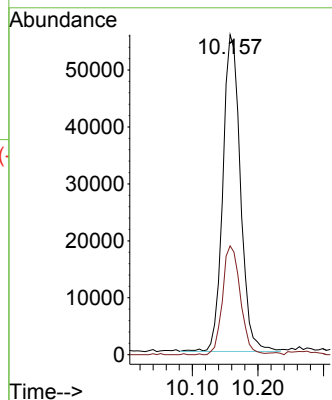
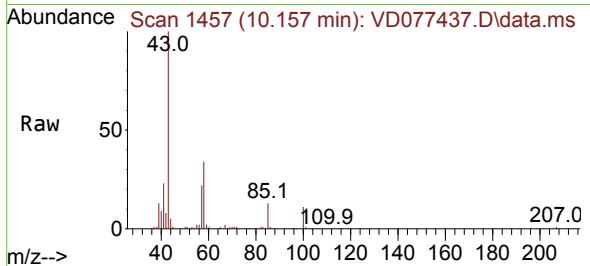




#51
4-Methyl-2-Pentanone
Concen: 26.330 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

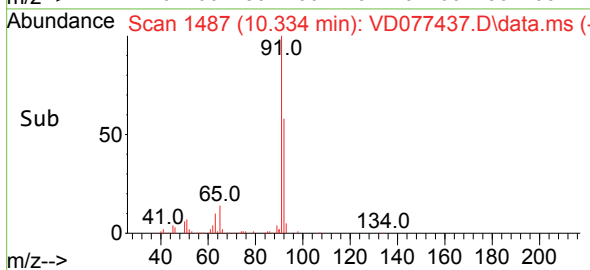
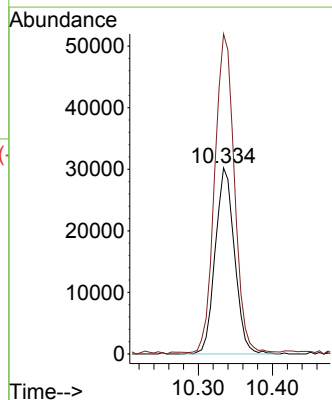
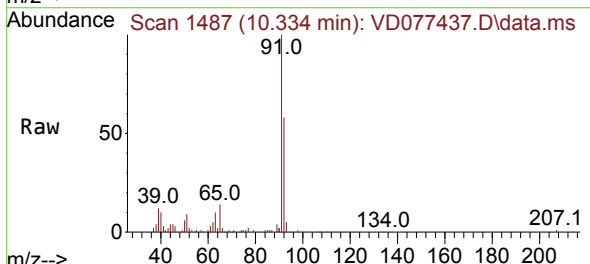
Instrument :
MSVOA_D
ClientSampleId :

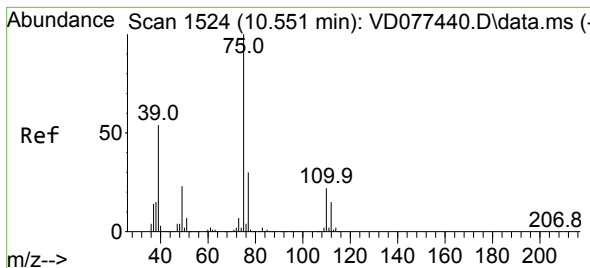
Tgt Ion: 43 Resp: 103697
Ion Ratio Lower Upper
43 100
58 34.6 38.9 58.3#



#52
Toluene
Concen: 4.655 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

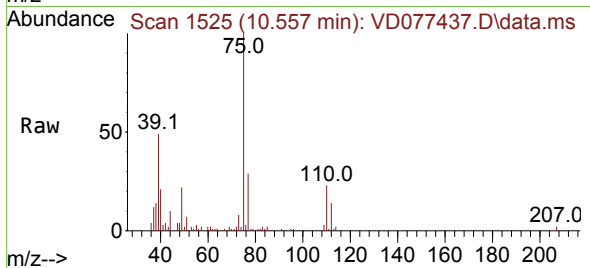
Tgt Ion: 92 Resp: 54670
Ion Ratio Lower Upper
92 100
91 174.3 143.0 214.4



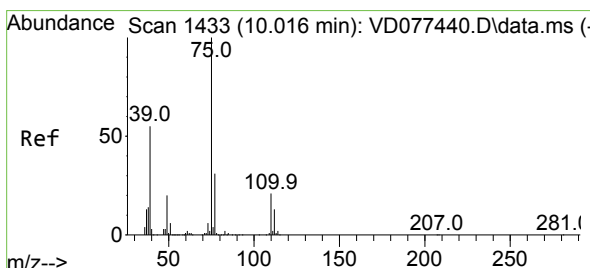
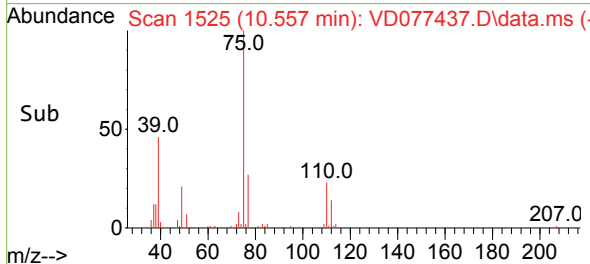
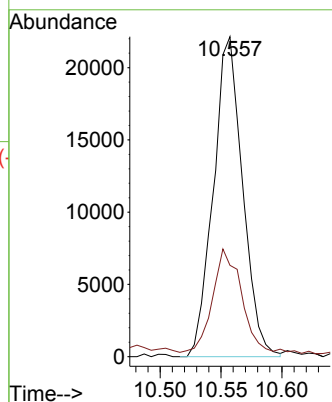


#53
 t-1,3-Dichloropropene
 Concen: 4.843 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

Instrument :
 MSVOA_D
 ClientSampleId :

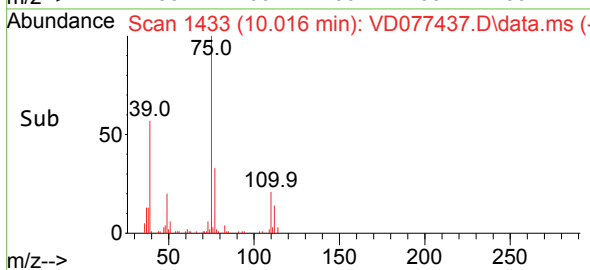
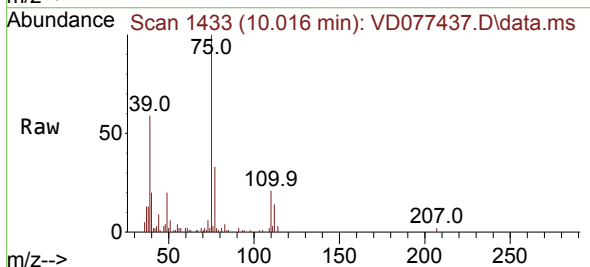
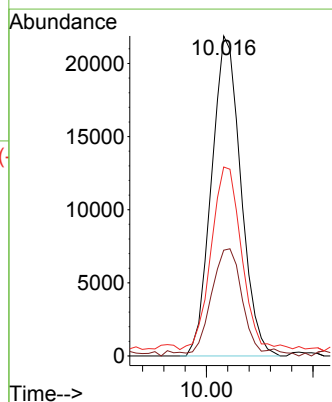


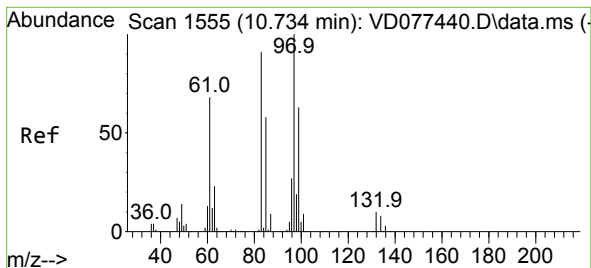
Tgt Ion: 75 Resp: 36999
 Ion Ratio Lower Upper
 75 100
 77 27.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.753 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

Tgt Ion: 75 Resp: 41783
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 57.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 5.235 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

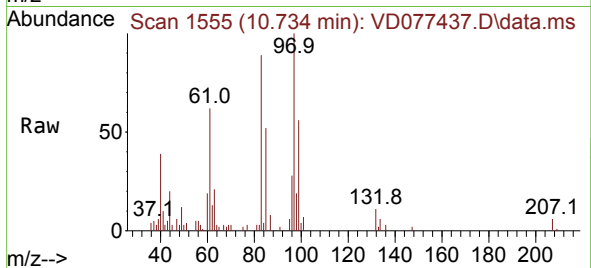
Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 19066

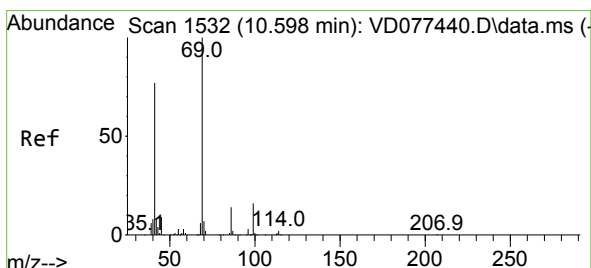
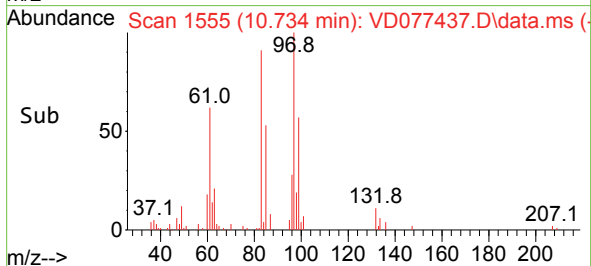
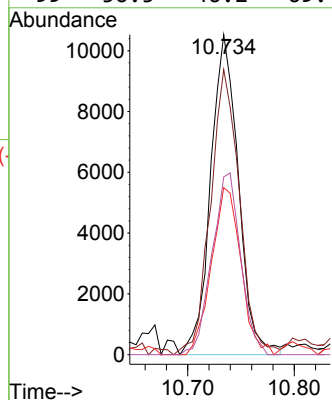
Ion Ratio Lower Upper

97 100

83 88.9 65.8 98.6

85 53.0 45.7 68.5

99 56.5 46.2 69.4



#56

Ethyl methacrylate

Concen: 5.175 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

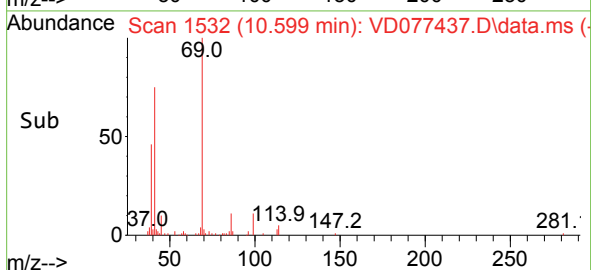
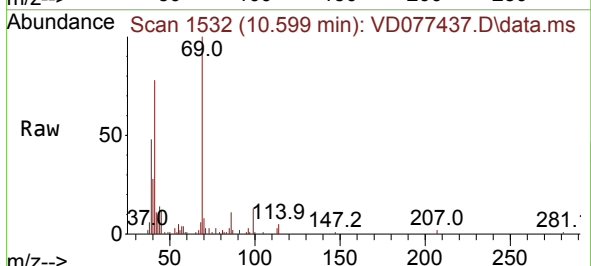
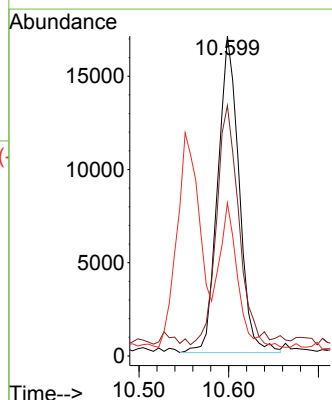
Tgt Ion: 69 Resp: 28022

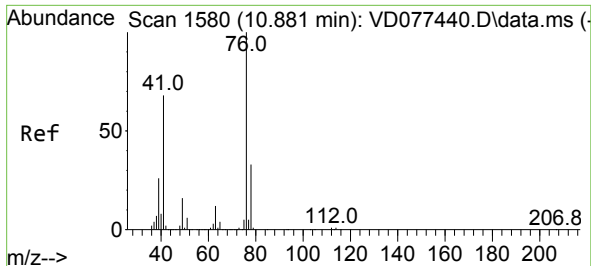
Ion Ratio Lower Upper

69 100

41 79.5 39.1 58.7#

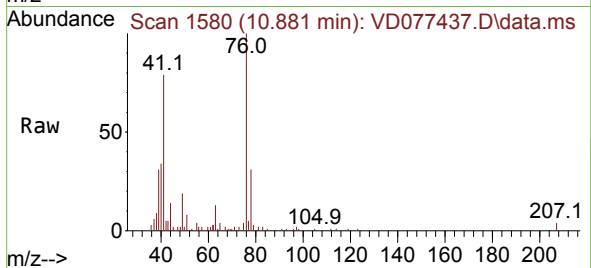
39 39.1 20.0 30.0#



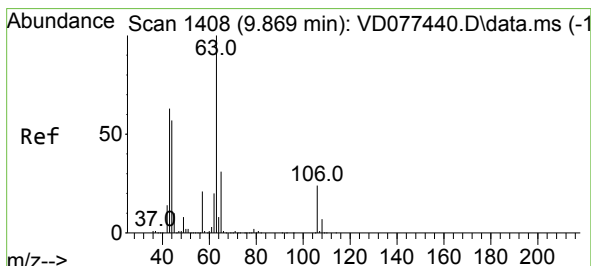
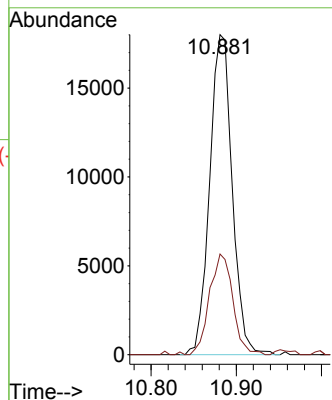
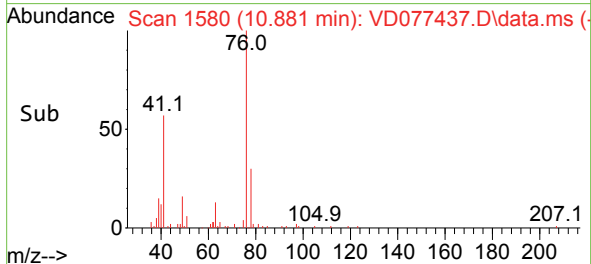


#57
1,3-Dichloropropane
Concen: 4.861 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :

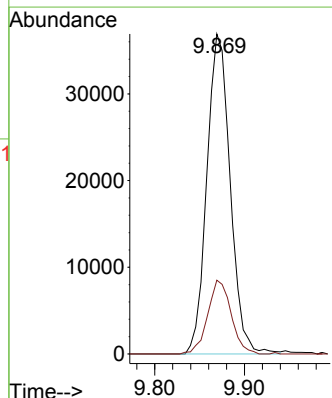
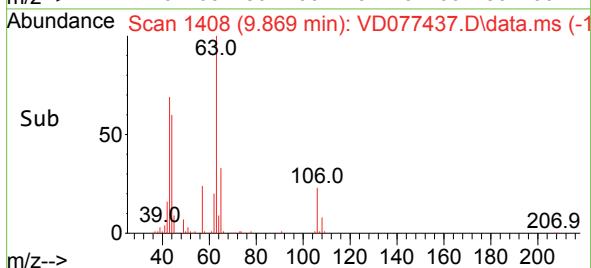
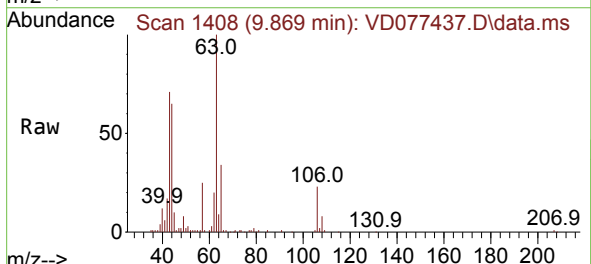


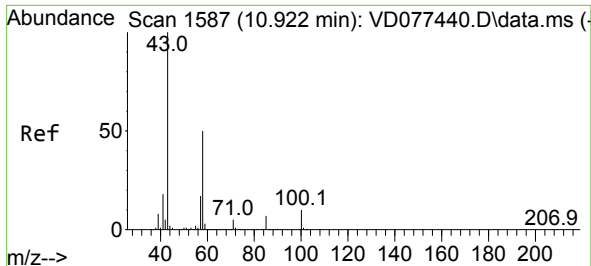
Tgt Ion: 76 Resp: 33088
Ion Ratio Lower Upper
76 100
78 32.5 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 24.631 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 63 Resp: 66768
Ion Ratio Lower Upper
63 100
106 23.1 25.3 37.9#

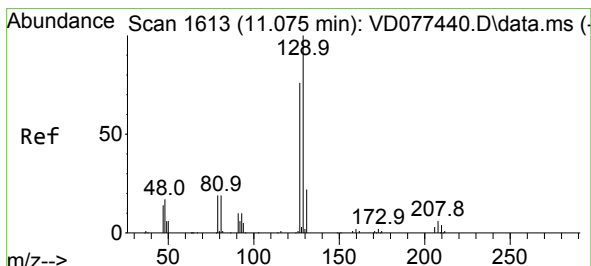
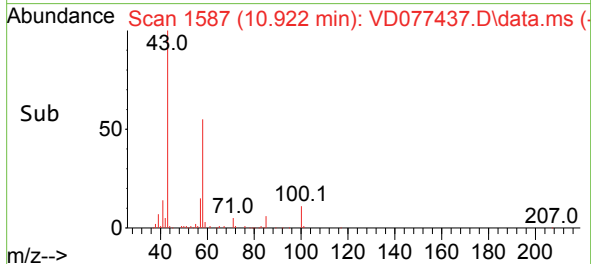
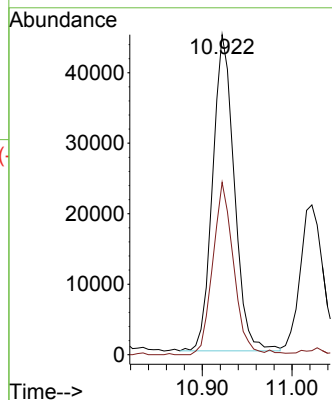
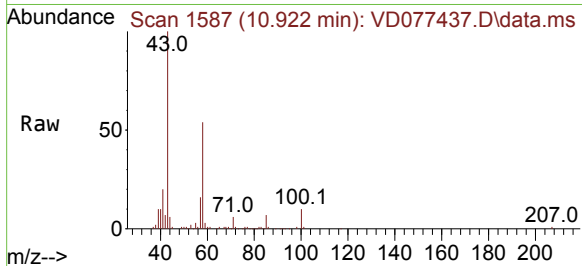




#59
2-Hexanone
Concen: 25.904 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

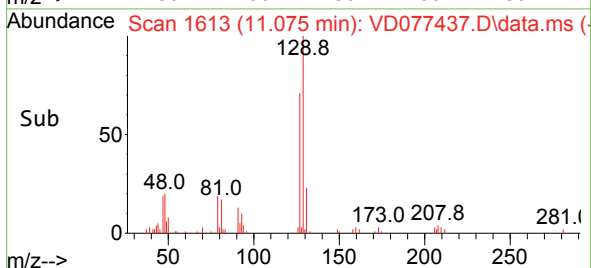
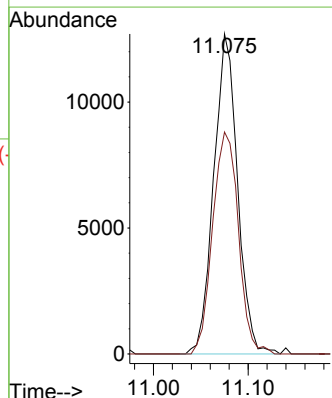
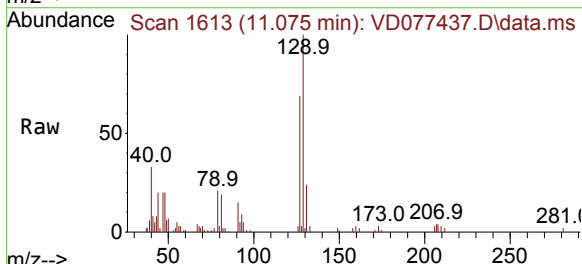
Instrument :
MSVOA_D
ClientSampleId :

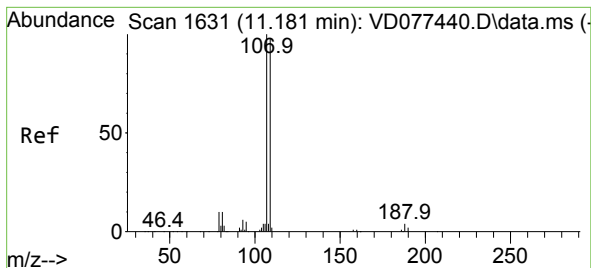
Tgt Ion: 43 Resp: 75154
Ion Ratio Lower Upper
43 100
58 52.0 34.1 102.2



#60
Dibromochloromethane
Concen: 5.073 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 129 Resp: 22215
Ion Ratio Lower Upper
129 100
127 75.1 37.1 111.5





#61

1,2-Dibromoethane

Concen: 5.060 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

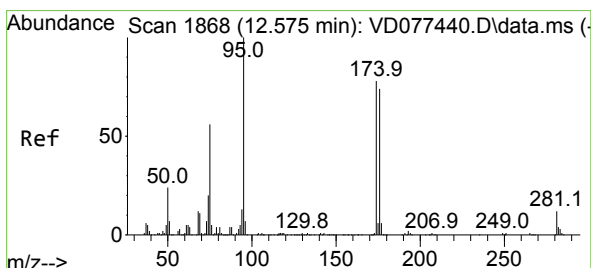
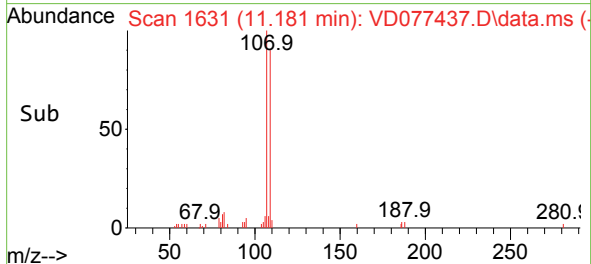
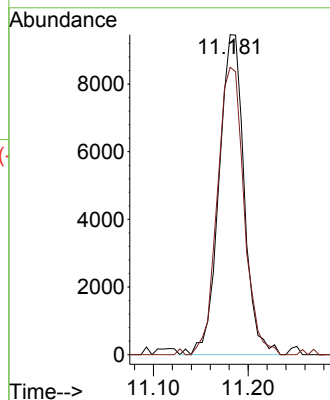
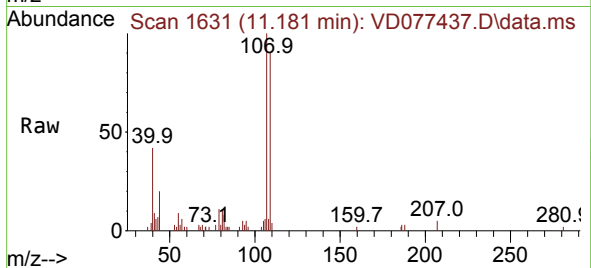
ClientSampleId :

Tgt Ion:107 Resp: 17450

Ion Ratio Lower Upper

107 100

109 95.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 5.213 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

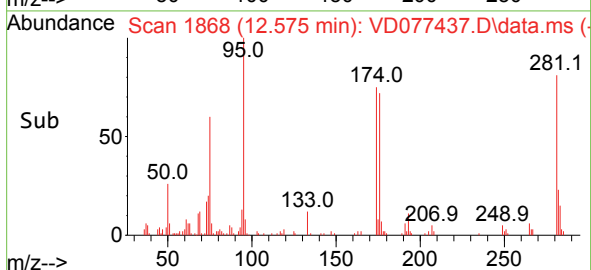
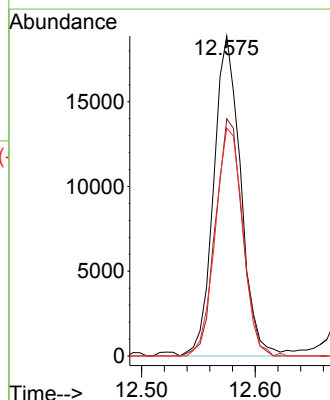
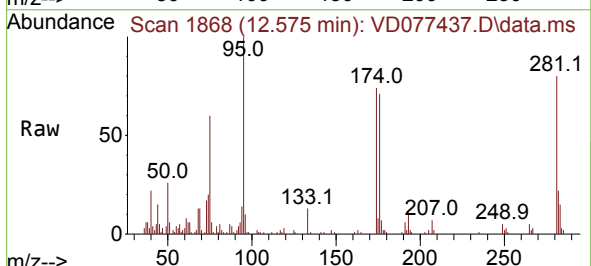
Tgt Ion: 95 Resp: 31080

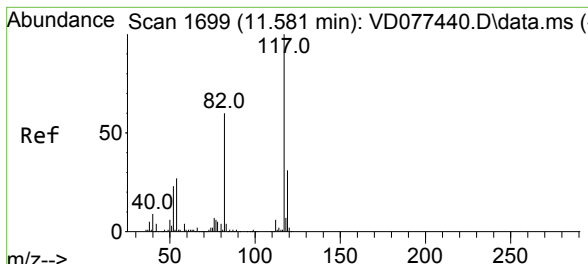
Ion Ratio Lower Upper

95 100

174 74.1 0.0 201.8

176 73.1 0.0 191.8

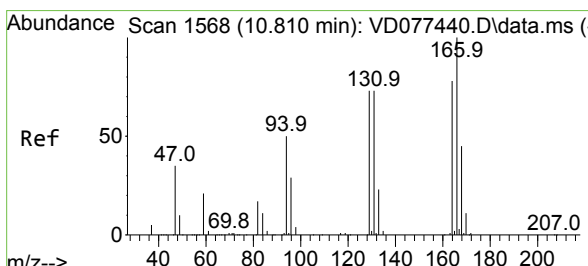
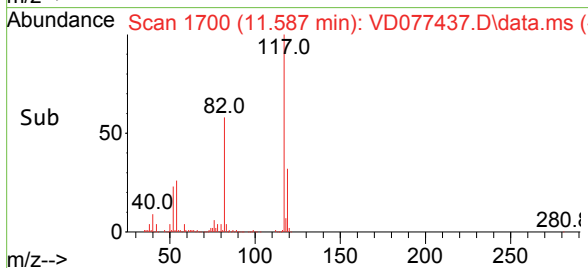
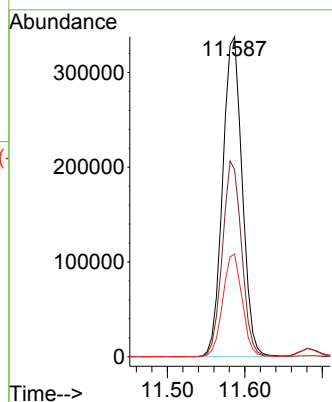
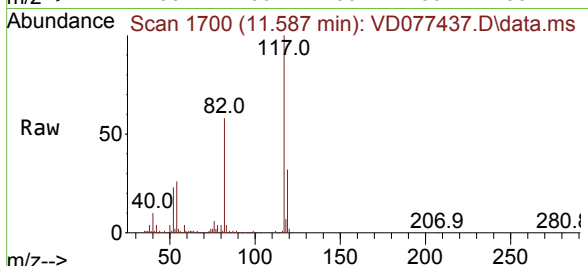




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

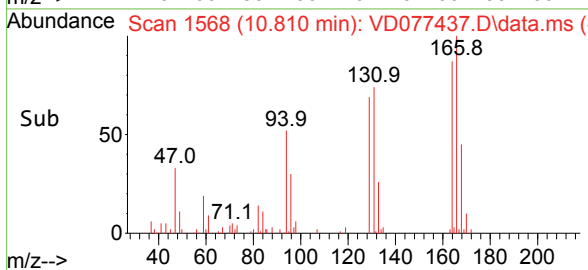
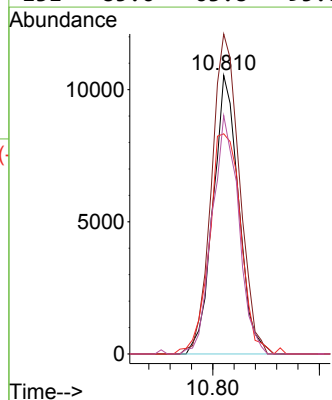
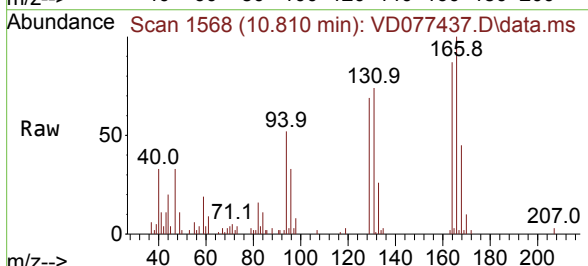
Instrument :
MSVOA_D
ClientSampleId :

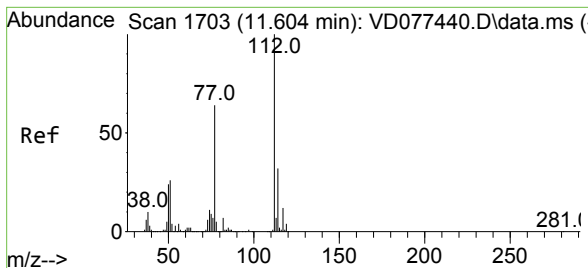
Tgt Ion:117 Resp: 592534
Ion Ratio Lower Upper
117 100
82 58.5 38.3 57.5#
119 32.0 25.0 37.4



#64
Tetrachloroethene
Concen: 4.667 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion:164 Resp: 17605
Ion Ratio Lower Upper
164 100
166 114.8 99.2 148.8
129 77.3 68.4 102.6
131 85.6 63.8 95.8





#65

Chlorobenzene

Concen: 4.728 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

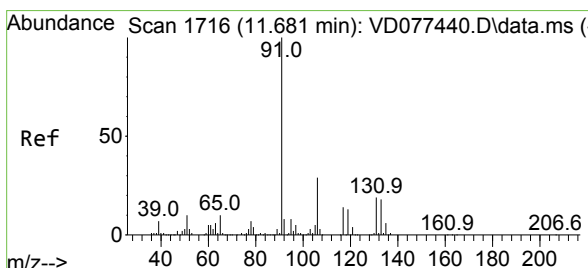
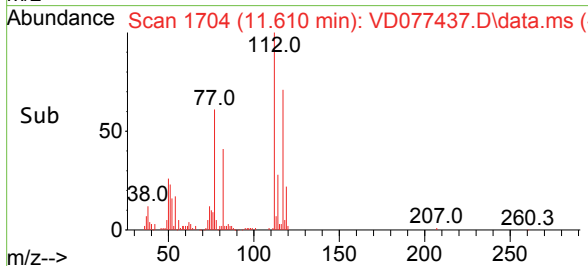
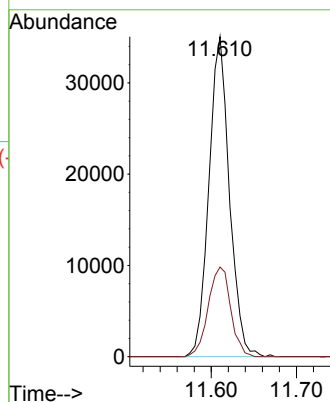
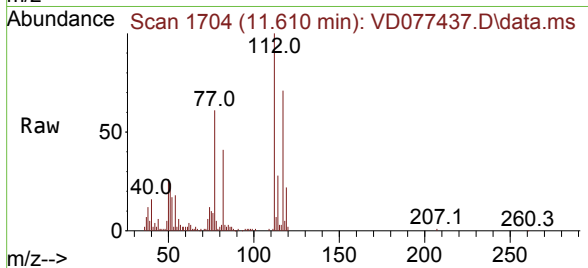
ClientSampleId :

Tgt Ion:112 Resp: 58689

Ion Ratio Lower Upper

112 100

114 28.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 4.989 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

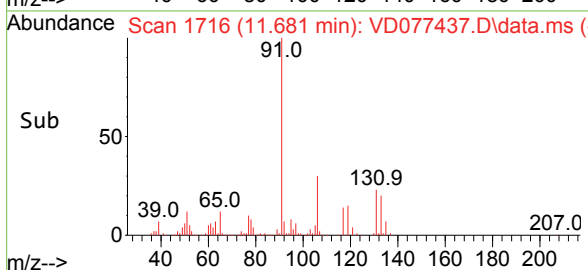
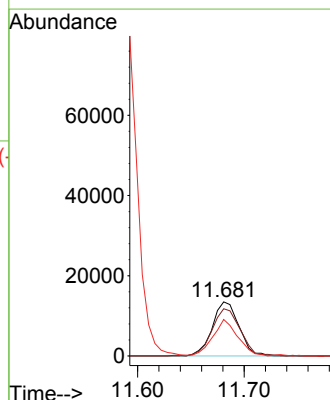
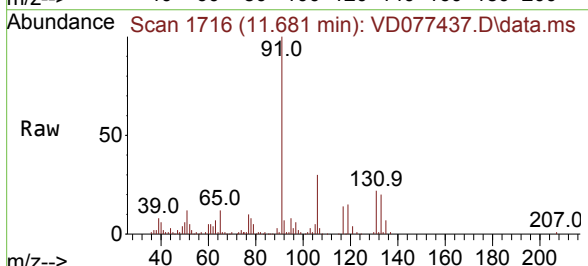
Tgt Ion:131 Resp: 23403

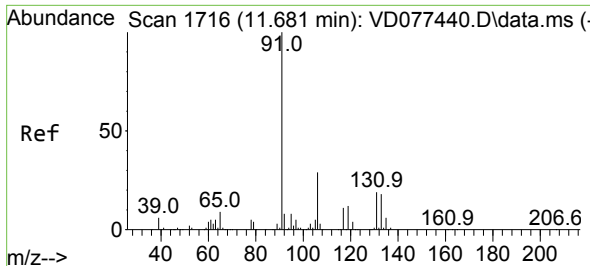
Ion Ratio Lower Upper

131 100

133 93.3 48.5 145.5

119 62.9 35.6 106.9

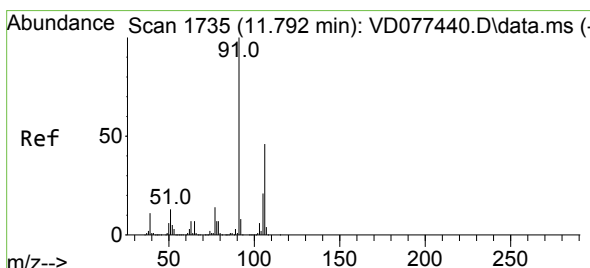
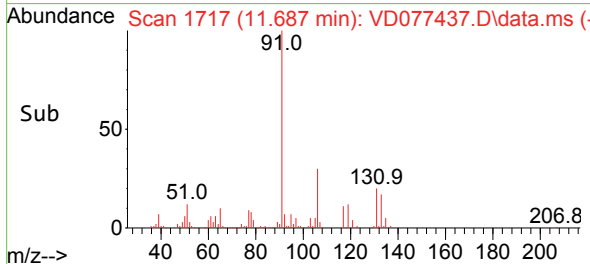
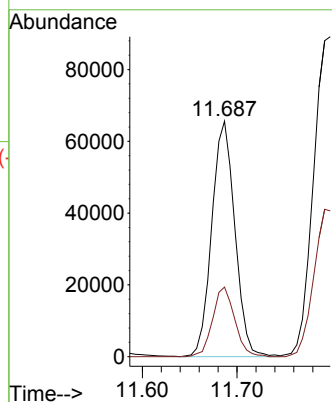
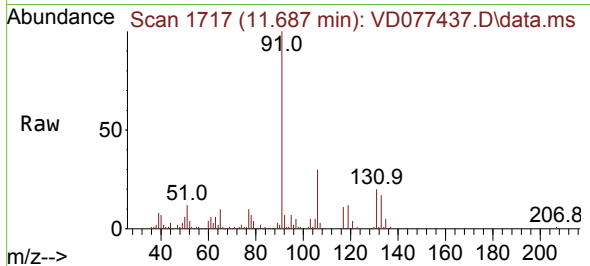




#67
Ethyl Benzene
Concen: 4.664 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

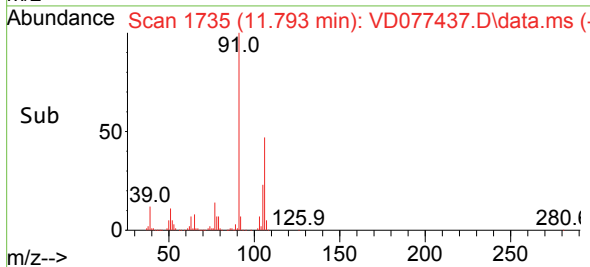
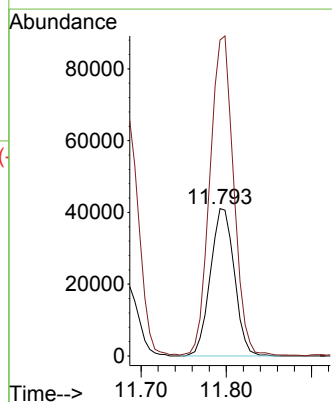
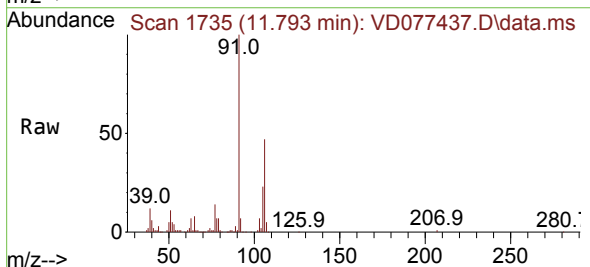
Instrument :
MSVOA_D
ClientSampleId :

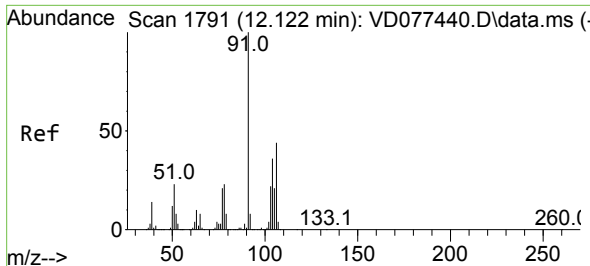
Tgt Ion: 91 Resp: 111410
Ion Ratio Lower Upper
91 100
106 29.5 26.5 39.7



#68
m/p-Xylenes
Concen: 9.309 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion:106 Resp: 80289
Ion Ratio Lower Upper
106 100
91 216.1 147.0 220.6

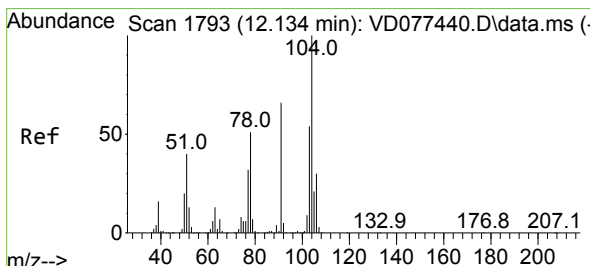
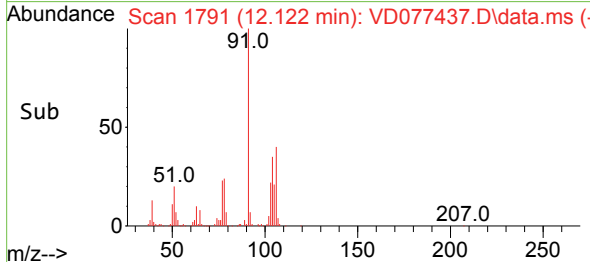
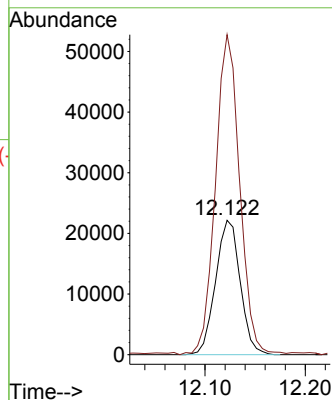
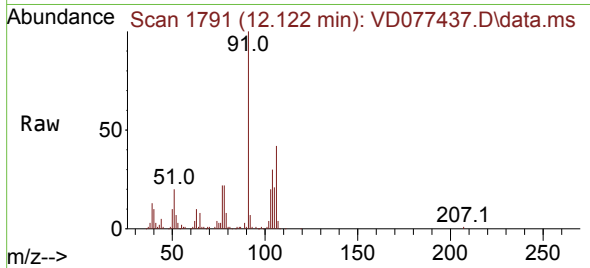




#69
o-Xylene
Concen: 4.562 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

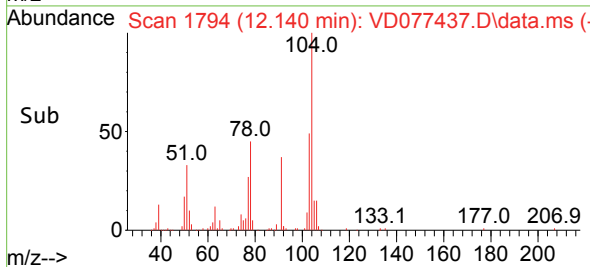
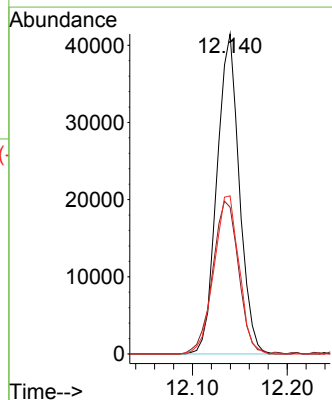
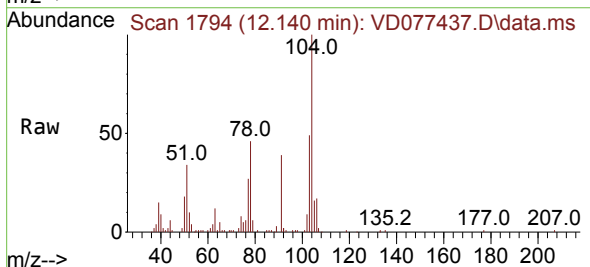
Instrument :
MSVOA_D
ClientSampleId :

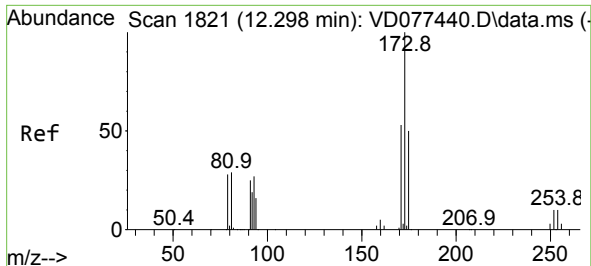
Tgt Ion:106 Resp: 37689
Ion Ratio Lower Upper
106 100
91 235.2 97.9 293.6



#70
Styrene
Concen: 4.781 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

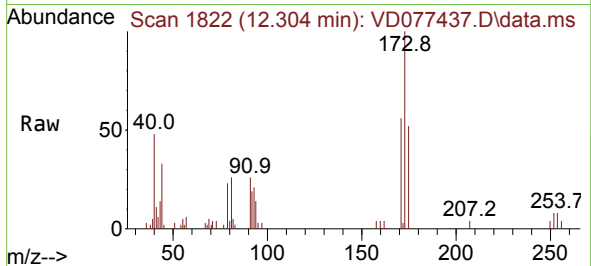
Tgt Ion:104 Resp: 68141
Ion Ratio Lower Upper
104 100
78 55.5 33.2 49.8#
103 55.5 43.6 65.4



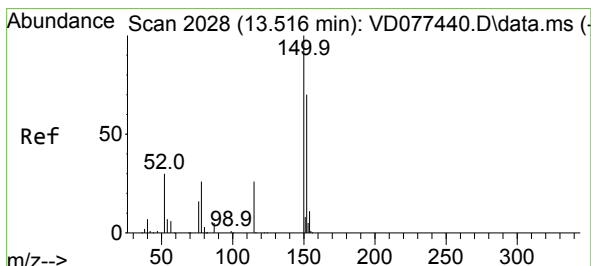
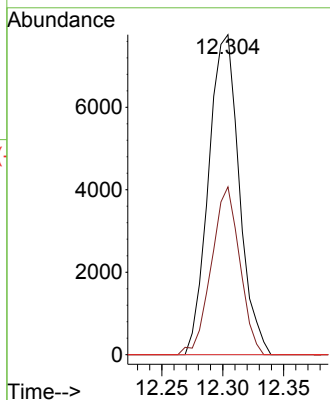
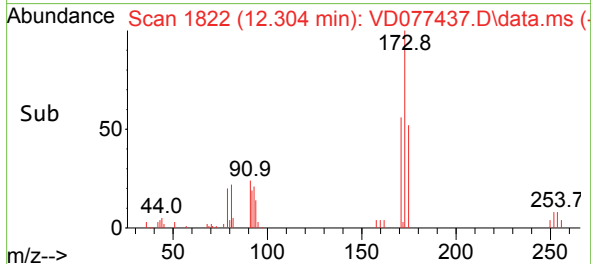


#71
Bromoform
Concen: 5.233 ug/l
RT: 12.304 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

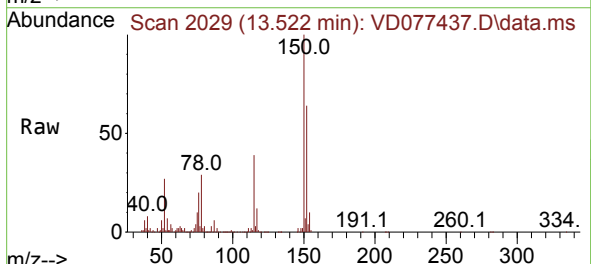
Instrument :
MSVOA_D
ClientSampleId :



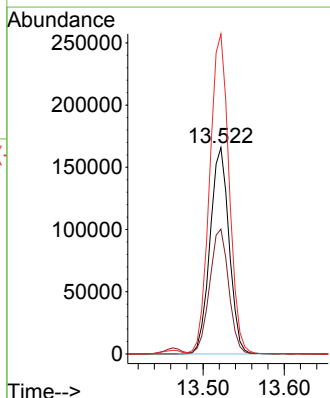
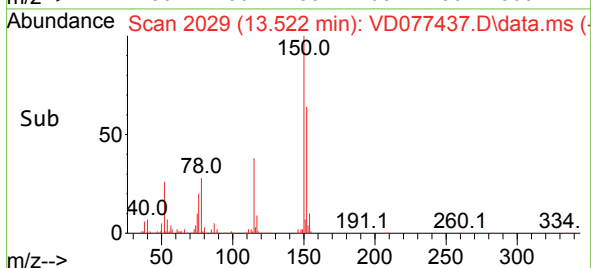
Tgt Ion:173 Resp: 13609
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.0 0.0 0.0

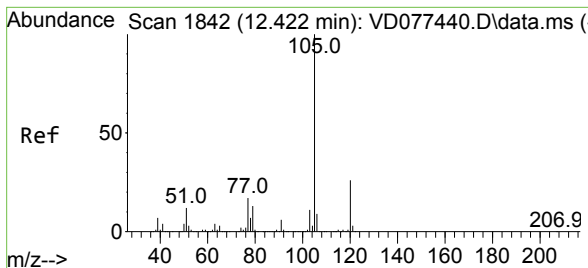


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11



Tgt Ion:152 Resp: 270074
Ion Ratio Lower Upper
152 100
115 60.9 27.1 81.3
150 157.4 0.0 353.6





#73

Isopropylbenzene

Concen: 4.661 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

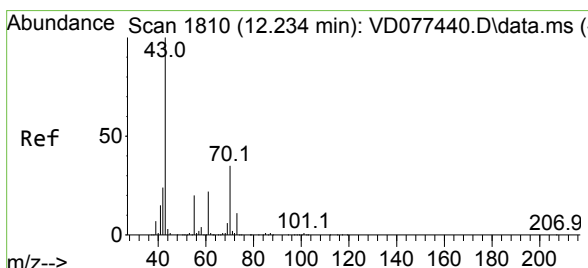
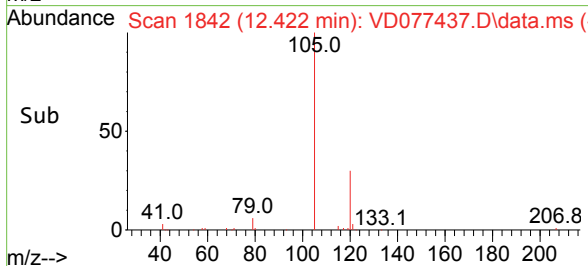
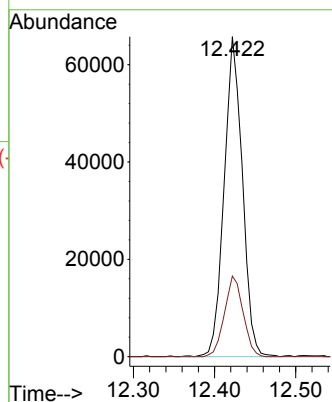
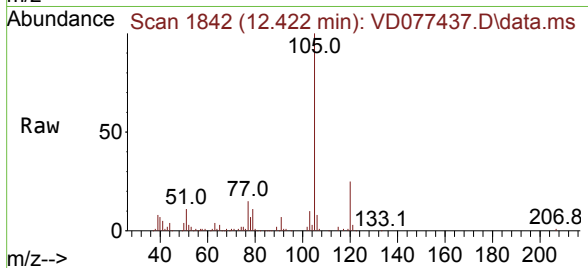
ClientSampleId :

Tgt Ion:105 Resp: 102635

Ion Ratio Lower Upper

105 100

120 25.7 14.3 42.9



#74

N-ethyl acetate

Concen: 5.060 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Tgt Ion: 43 Resp: 39466

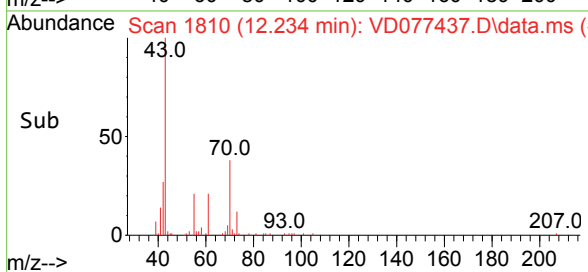
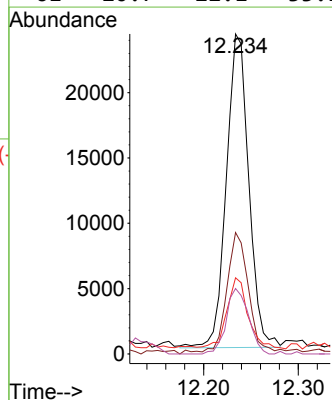
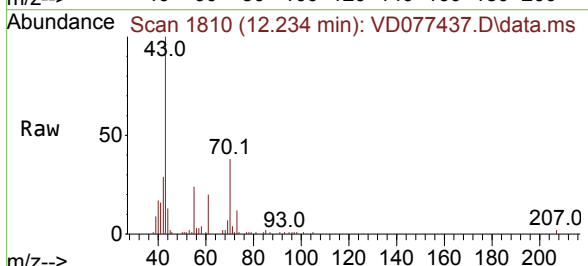
Ion Ratio Lower Upper

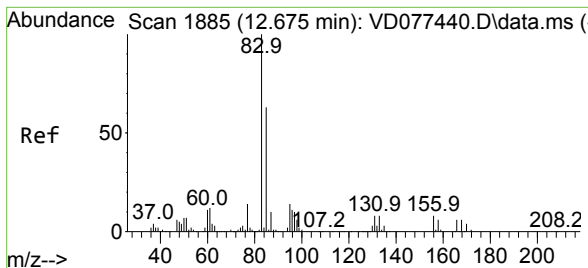
43 100

70 39.3 45.0 67.4#

55 21.6 23.8 35.6#

61 20.7 22.1 33.1#

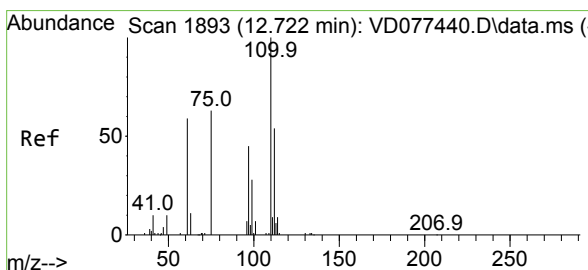
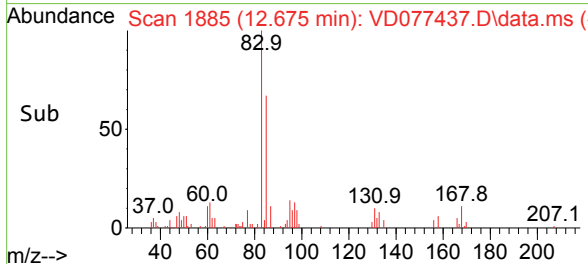
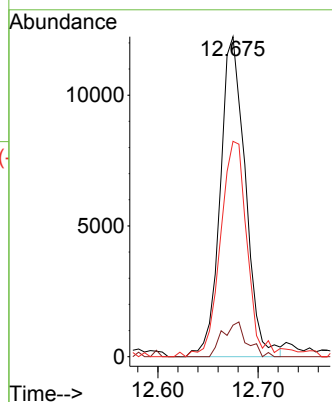
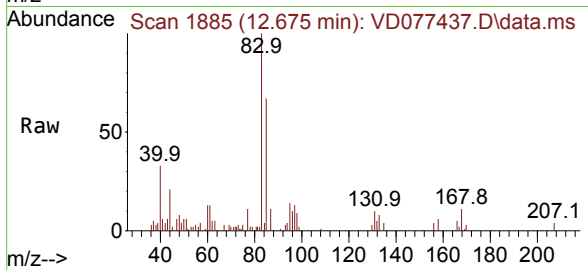




#75
1,1,2,2-Tetrachloroethane
Concen: 4.936 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

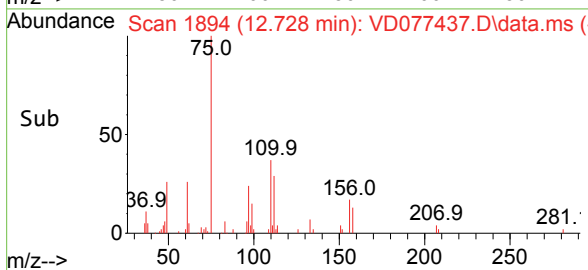
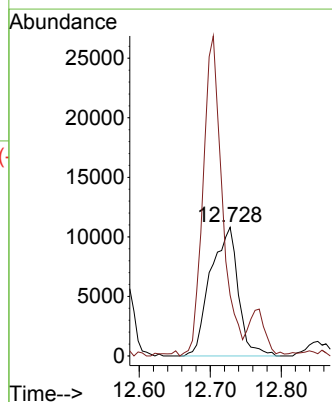
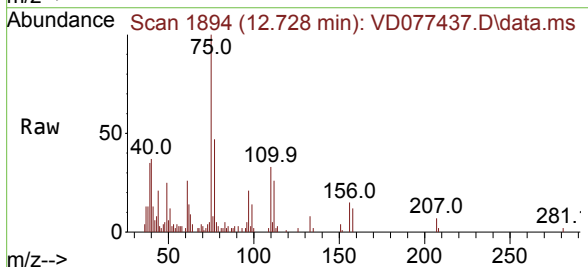
Instrument :
MSVOA_D
ClientSampleId :

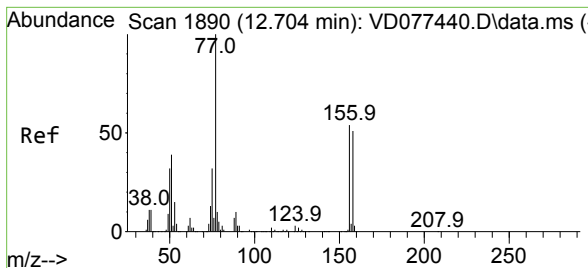
Tgt Ion: 83 Resp: 21305
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 71.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 8.148 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 75 Resp: 29403
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

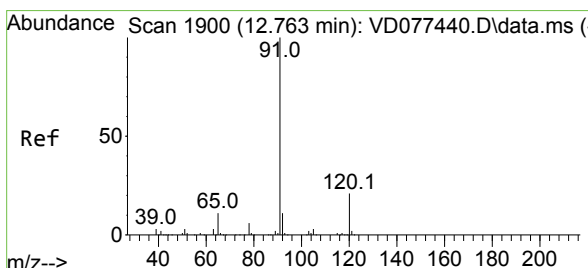
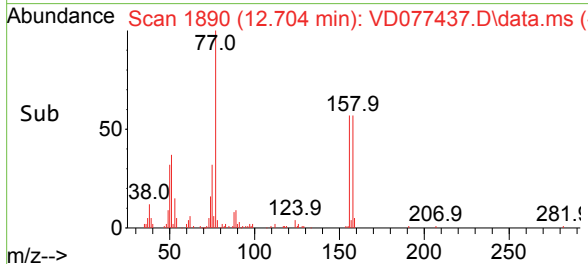
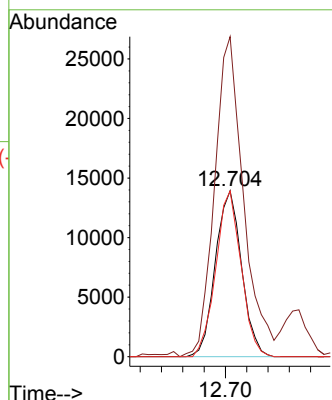
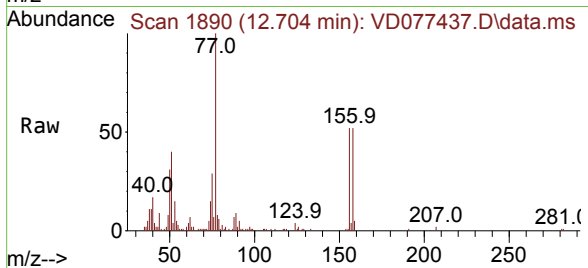




#77
Bromobenzene
Concen: 4.906 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

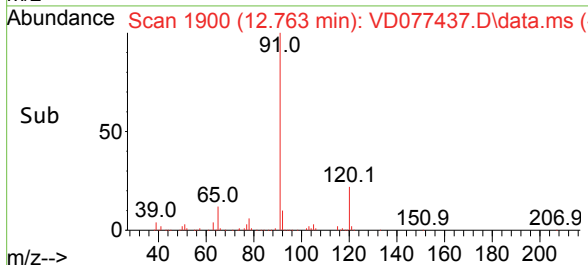
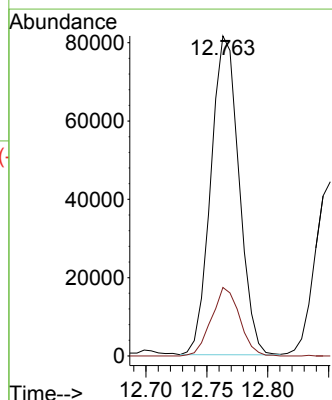
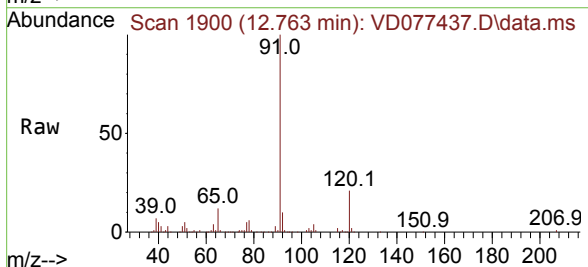
Instrument :
MSVOA_D
ClientSampleId :

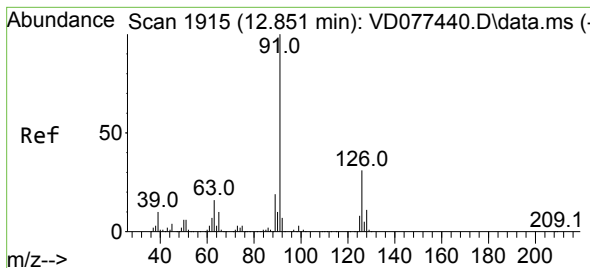
Tgt Ion:156 Resp: 23778
Ion Ratio Lower Upper
156 100
77 212.7 76.8 230.4
158 96.3 48.6 145.9



#78
n-propylbenzene
Concen: 4.698 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 91 Resp: 131355
Ion Ratio Lower Upper
91 100
120 21.5 12.4 37.2





#79

2-Chlorotoluene

Concen: 4.716 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

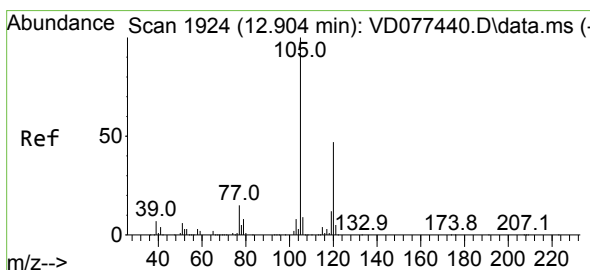
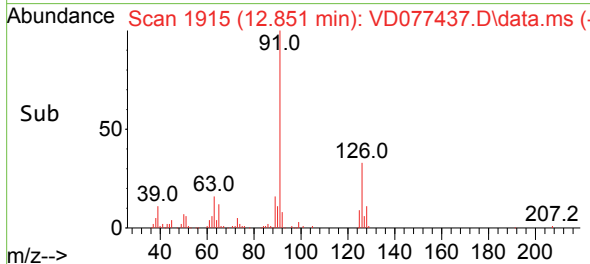
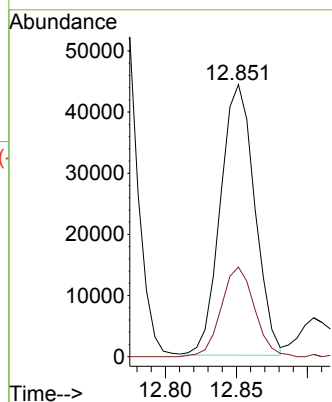
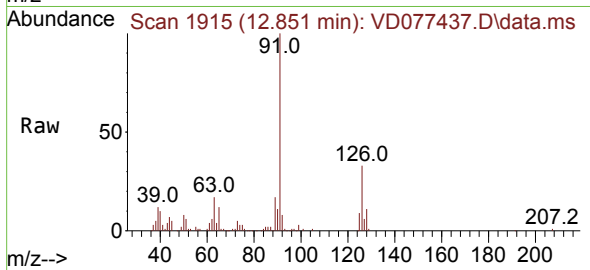
ClientSampleId :

Tgt Ion: 91 Resp: 74651

Ion Ratio Lower Upper

91 100

126 31.9 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 4.830 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077437.D

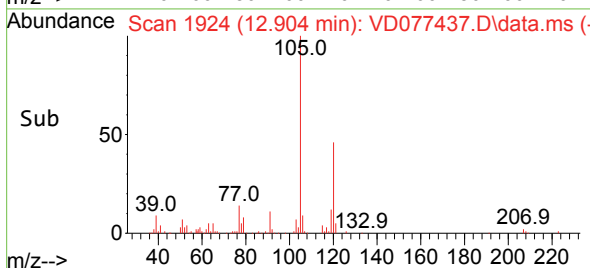
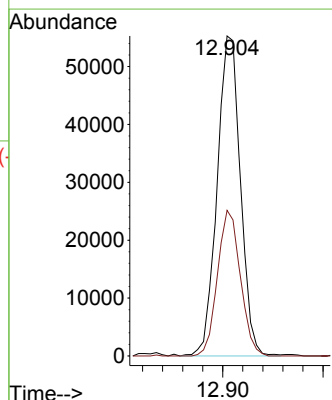
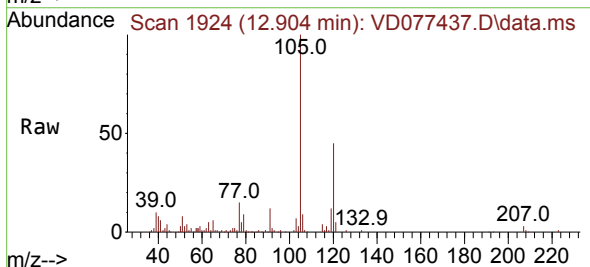
Acq: 30 Oct 2023 09:11

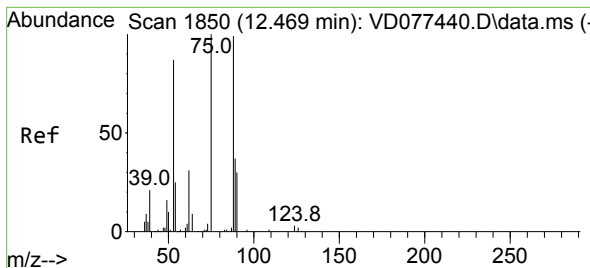
Tgt Ion: 105 Resp: 89240

Ion Ratio Lower Upper

105 100

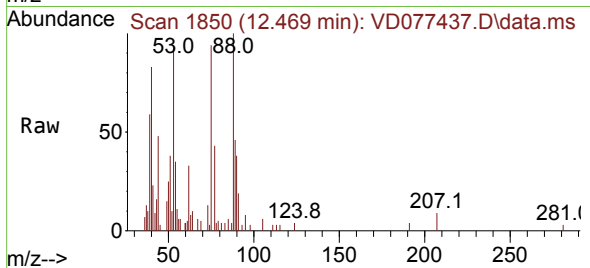
120 44.6 26.4 79.2



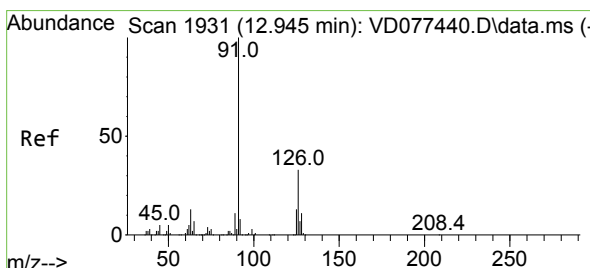
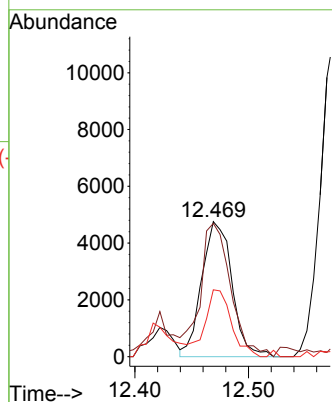
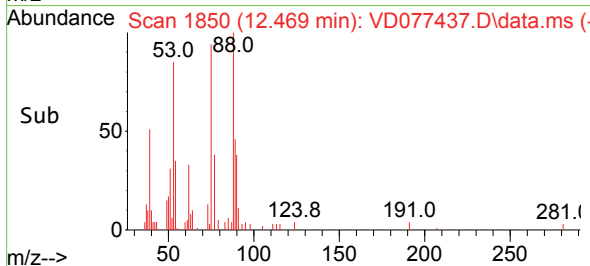


#81
trans-1,4-Dichloro-2-butene
Concen: 5.165 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :

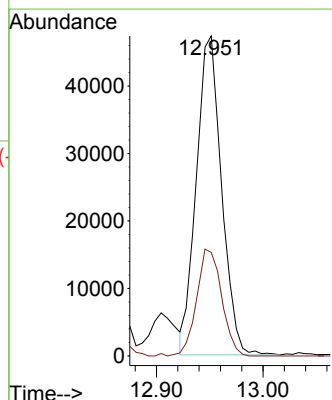
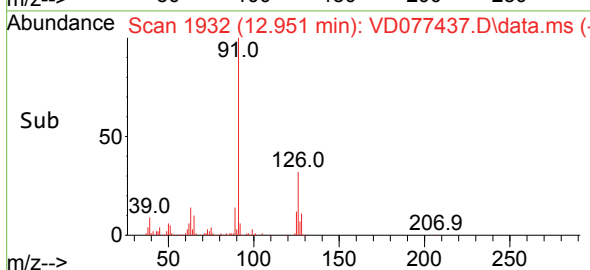
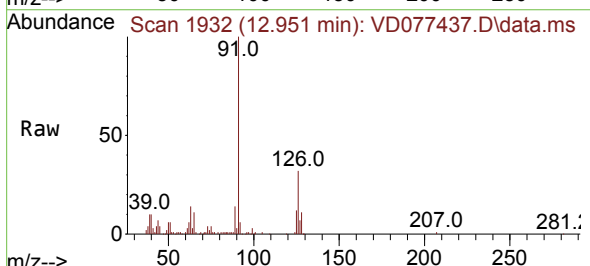


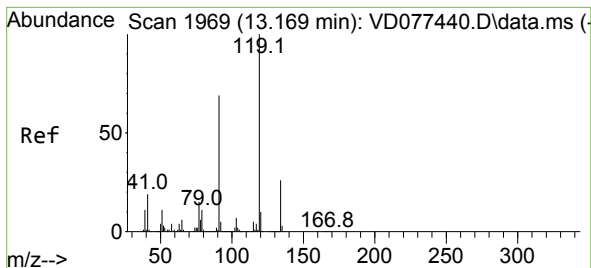
Tgt Ion: 75 Resp: 8790
Ion Ratio Lower Upper
75 100
53 99.4 63.0 94.4#
89 43.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 4.719 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 91 Resp: 77809
Ion Ratio Lower Upper
91 100
126 33.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 4.631 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :

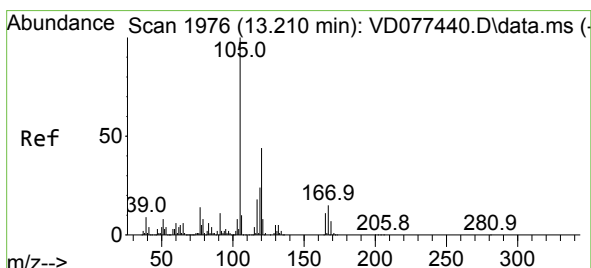
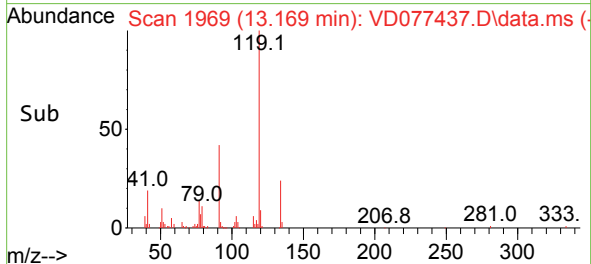
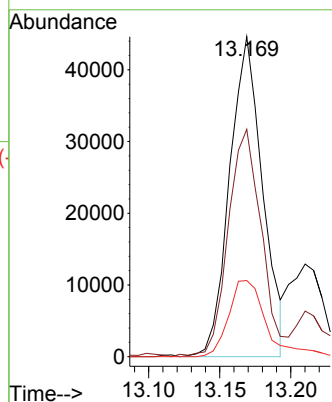
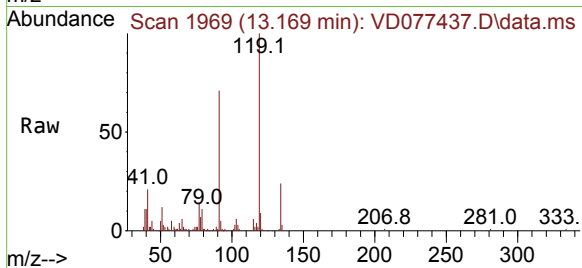
Tgt Ion:119 Resp: 71943

Ion Ratio Lower Upper

119 100

91 72.1 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 4.815 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077437.D

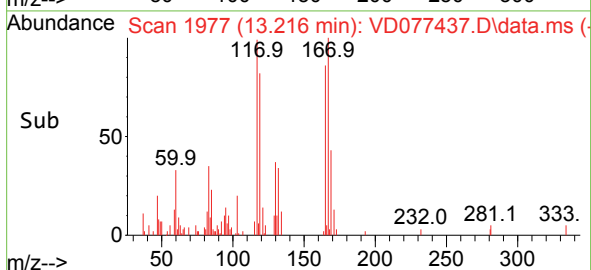
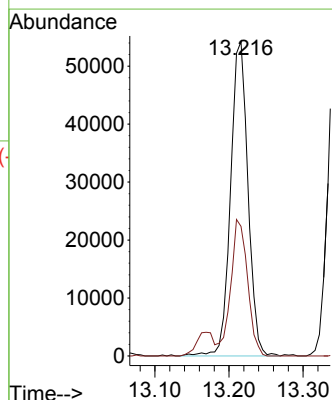
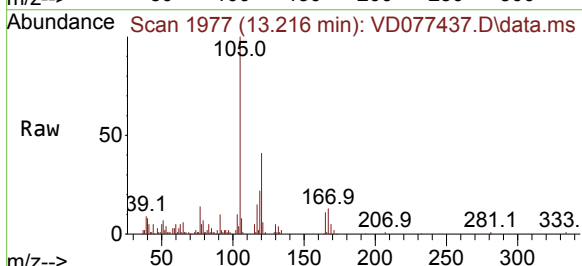
Acq: 30 Oct 2023 09:11

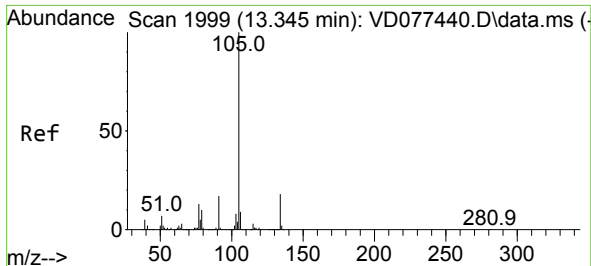
Tgt Ion:105 Resp: 88375

Ion Ratio Lower Upper

105 100

120 42.3 24.3 72.9

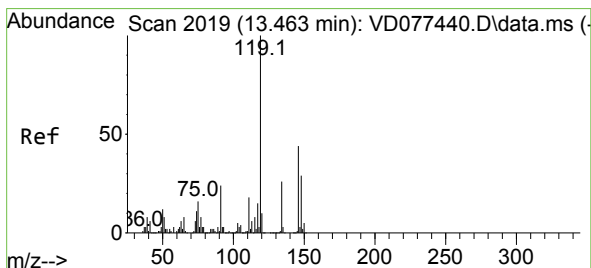
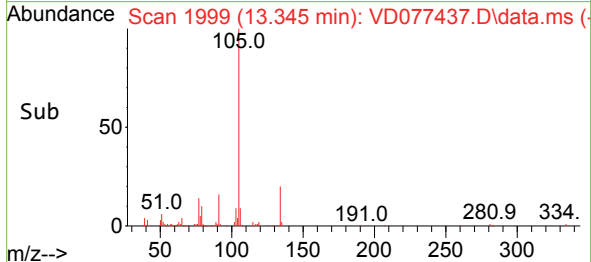
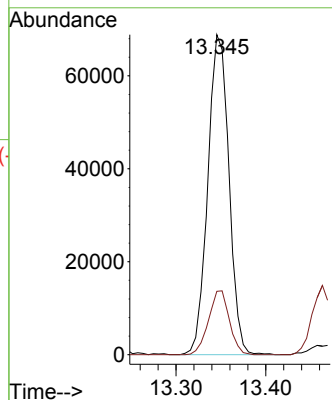
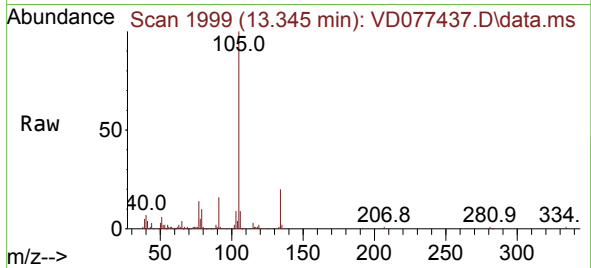




#85
 sec-Butylbenzene
 Concen: 4.738 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

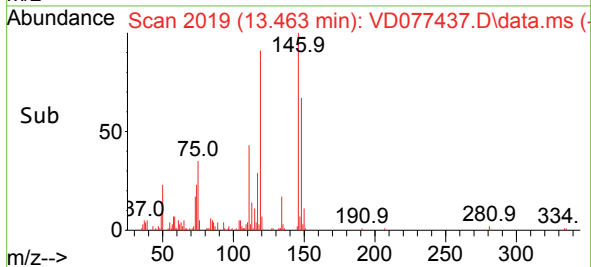
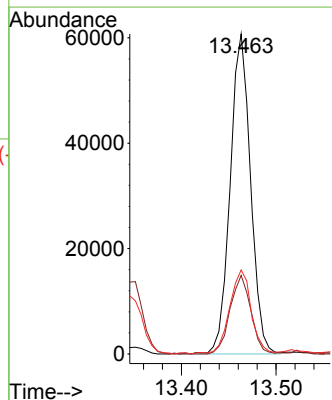
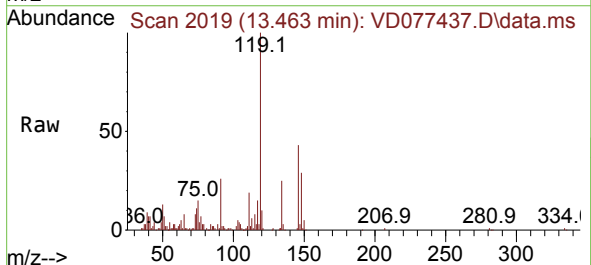
Instrument :
 MSVOA_D
 ClientSampleId :

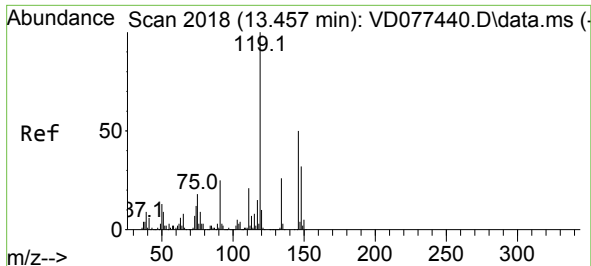
Tgt Ion:105 Resp: 112618
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 4.695 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077437.D
 Acq: 30 Oct 2023 09:11

Tgt Ion:119 Resp: 90703
 Ion Ratio Lower Upper
 119 100
 134 25.1 14.2 42.6
 91 27.9 10.5 31.5

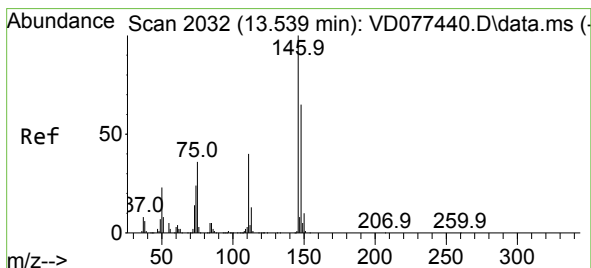
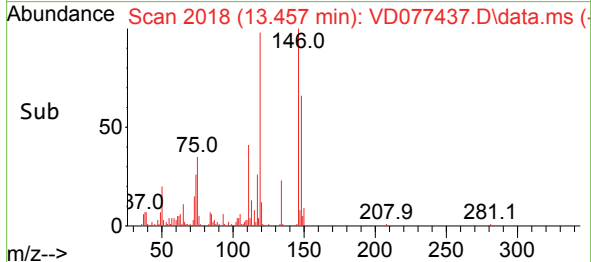
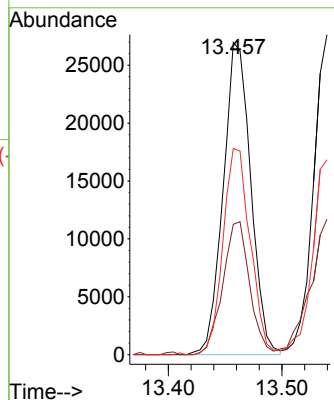
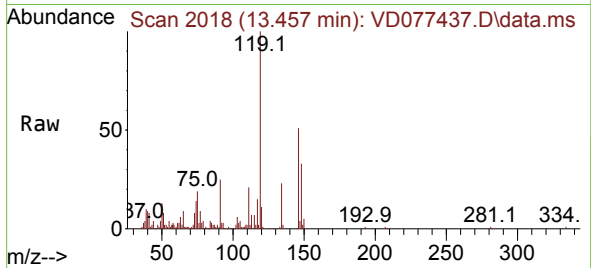




#87
1,3-Dichlorobenzene
Concen: 4.777 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

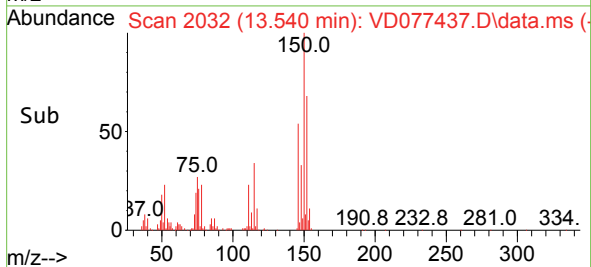
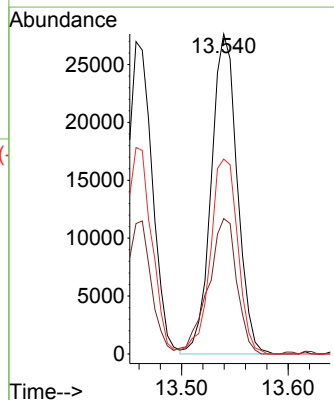
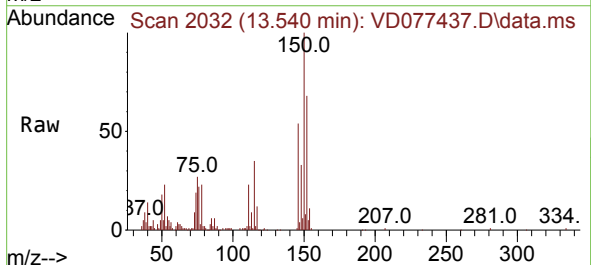
Instrument :
MSVOA_D
ClientSampleId :

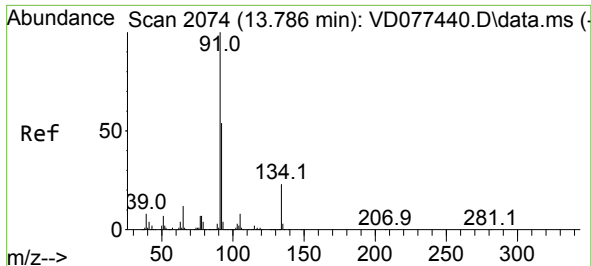
Tgt Ion:146 Resp: 45509
Ion Ratio Lower Upper
146 100
111 41.6 17.9 53.8
148 65.3 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 4.912 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion:146 Resp: 46751
Ion Ratio Lower Upper
146 100
111 46.8 17.4 52.3
148 64.3 31.7 95.1

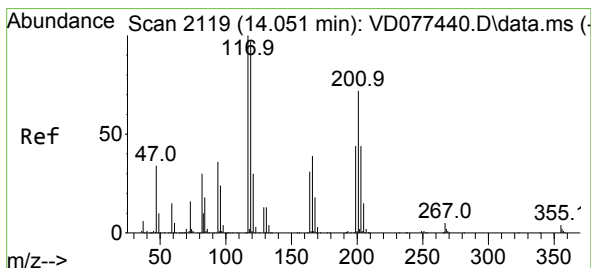
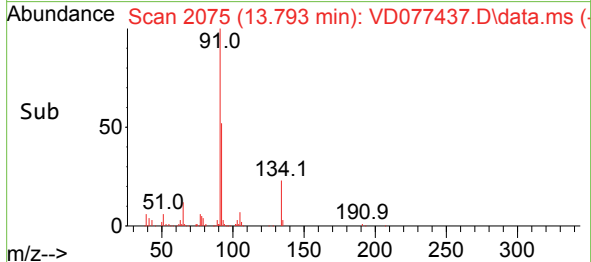
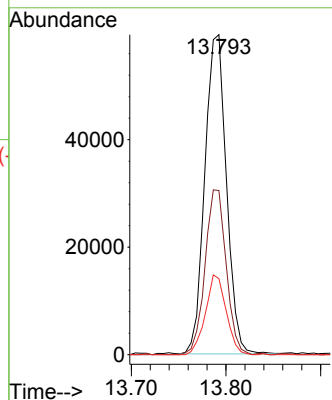
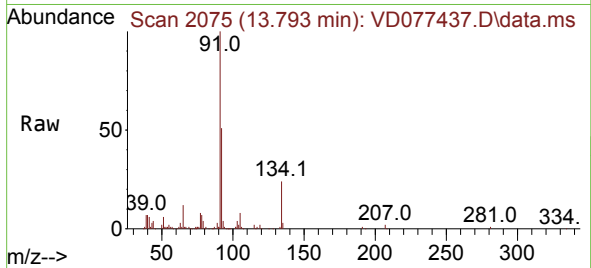




#89
n-Butylbenzene
Concen: 4.688 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

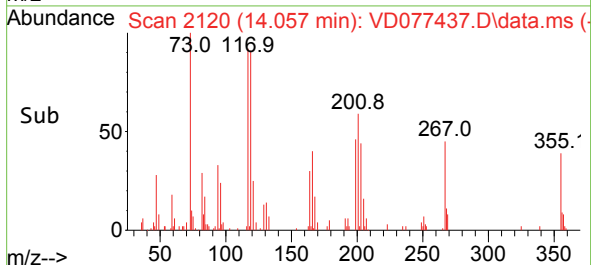
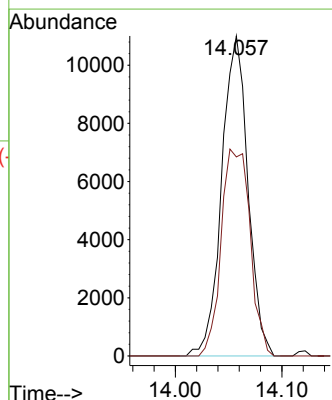
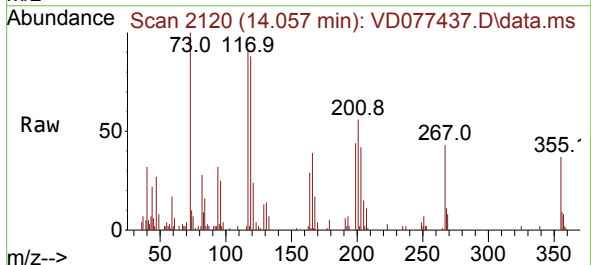
Instrument :
MSVOA_D
ClientSampleId :

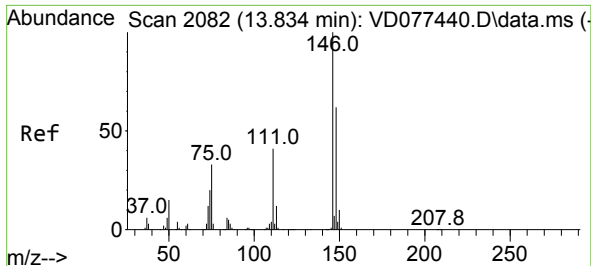
Tgt Ion: 91 Resp: 94131
Ion Ratio Lower Upper
91 100
92 50.7 26.5 79.5
134 24.0 13.8 41.3



#90
Hexachloroethane
Concen: 4.761 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 117 Resp: 18820
Ion Ratio Lower Upper
117 100
201 71.0 38.5 115.5

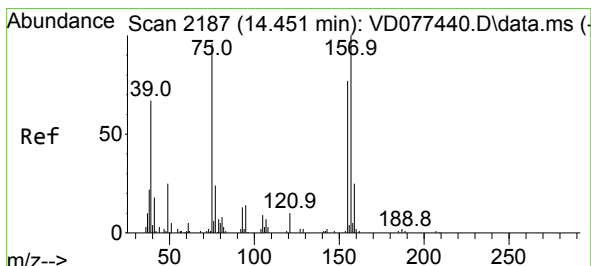
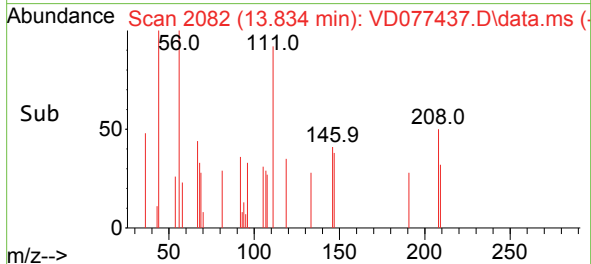
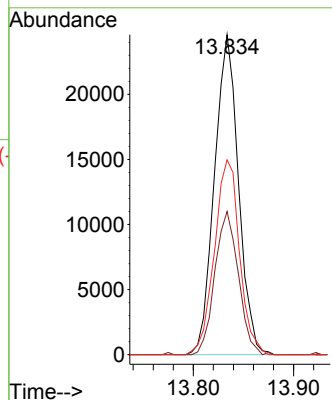
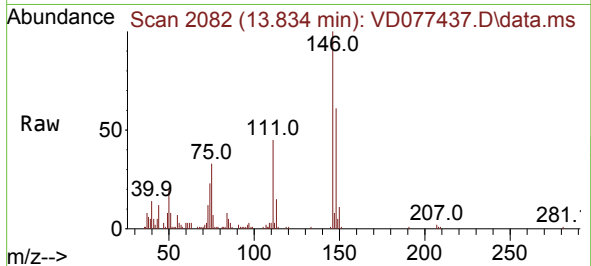




#91
1,2-Dichlorobenzene
Concen: 4.875 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

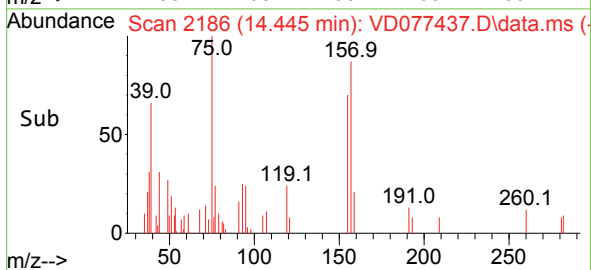
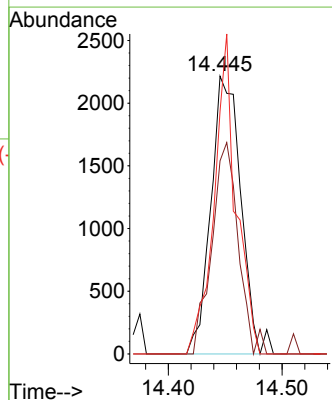
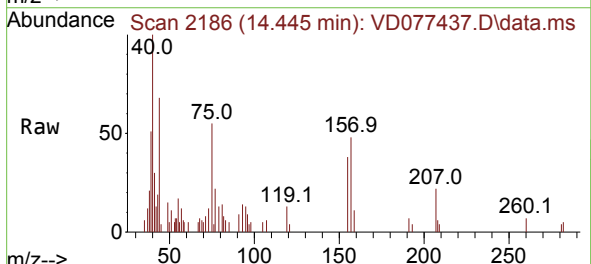
Instrument :
MSVOA_D
ClientSampleId :

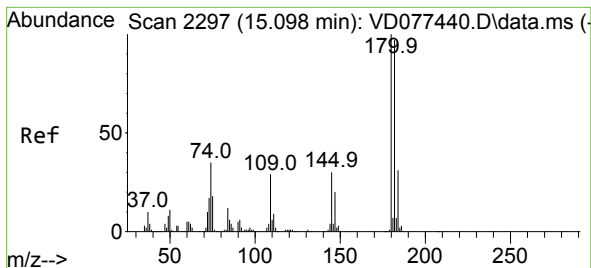
Tgt Ion:146 Resp: 40819
Ion Ratio Lower Upper
146 100
111 43.9 18.3 54.8
148 63.7 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.582 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion: 75 Resp: 4059
Ion Ratio Lower Upper
75 100
155 67.1 47.9 143.8
157 84.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 4.673 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

Instrument :

MSVOA_D

ClientSampleId :

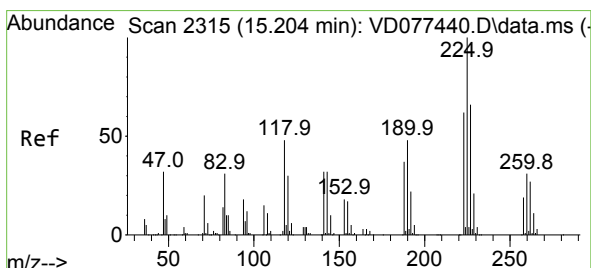
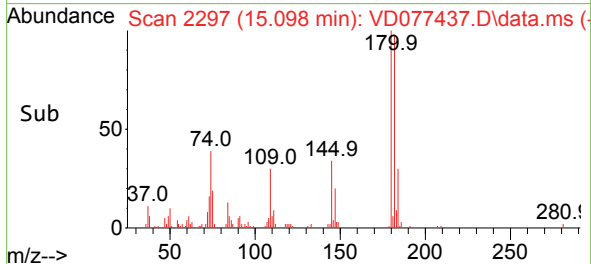
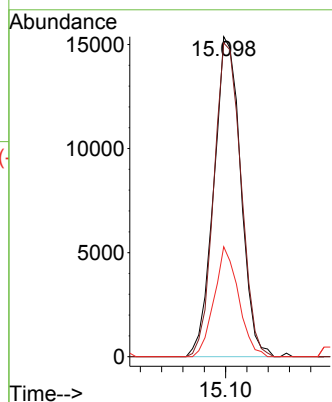
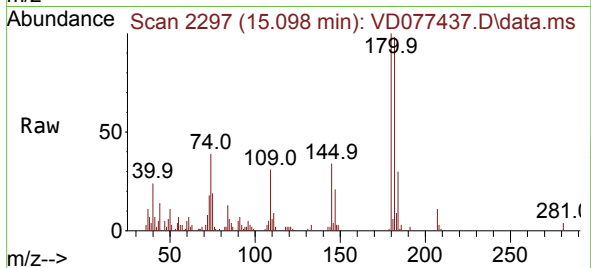
Tgt Ion:180 Resp: 26879

Ion Ratio Lower Upper

180 100

182 98.6 48.5 145.6

145 31.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 4.485 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD077437.D

Acq: 30 Oct 2023 09:11

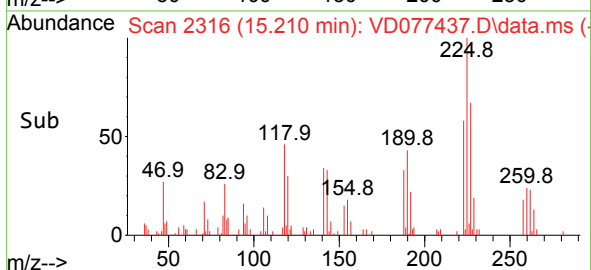
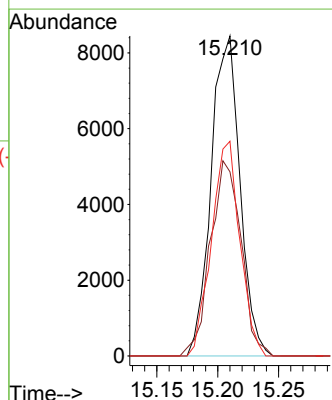
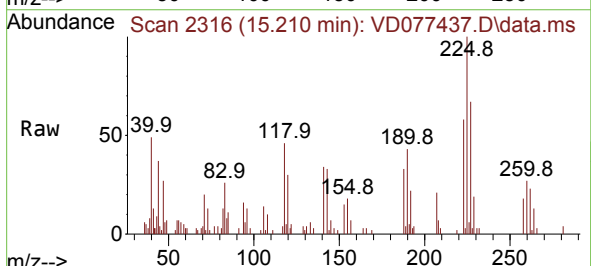
Tgt Ion:225 Resp: 13915

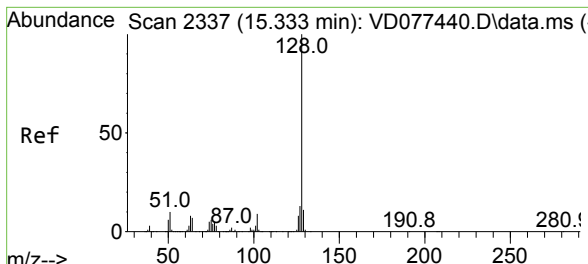
Ion Ratio Lower Upper

225 100

223 64.9 31.6 94.8

227 66.1 31.7 95.1

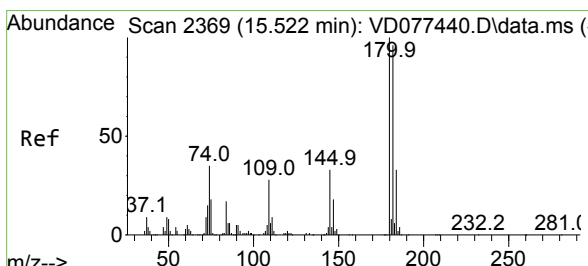
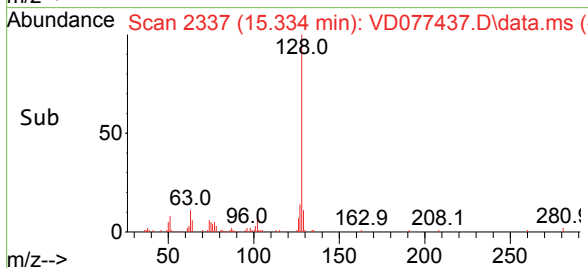
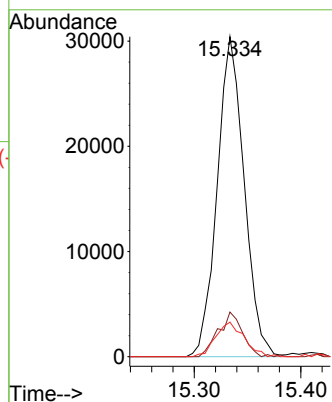
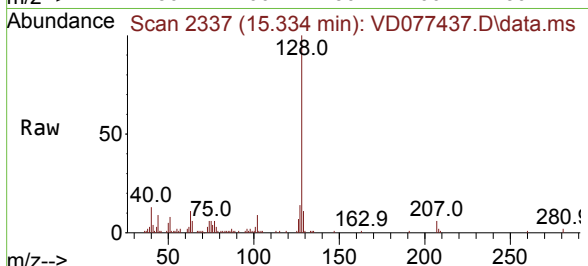




#95
Naphthalene
Concen: 4.874 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	53480
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.5 15.7
129	10.8	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.920 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077437.D
Acq: 30 Oct 2023 09:11

Tgt Ion:180	Resp:	24427
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.3 141.9
145	31.7	15.1 45.3

