

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
 Data File : VD077357.D
 Acq On : 19 Oct 2023 16:53
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 20 02:08:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	188328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	310790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	294868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	86513	51.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.900%	
35) Dibromofluoromethane	7.804	113	99734	45.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.360%	
50) Toluene-d8	10.269	98	377489	48.275	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.540%	
62) 4-Bromofluorobenzene	12.575	95	108726	48.303	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	109232	62.388	ug/l	99
3) Chloromethane	2.152	50	186023	52.174	ug/l	98
4) Vinyl Chloride	2.287	62	230720	54.782	ug/l	100
5) Bromomethane	2.693	94	155254	57.364	ug/l	99
6) Chloroethane	2.840	64	166546	56.252	ug/l	99
7) Trichlorofluoromethane	3.175	101	194802	45.595	ug/l	100
8) Diethyl Ether	3.599	74	44528	38.886	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.963	101	99977	45.231	ug/l	98
10) Methyl Iodide	4.163	142	101807	37.642	ug/l #	89
11) Tert butyl alcohol	5.051	59	23221	245.467	ug/l	100
12) 1,1-Dichloroethene	3.940	96	90630	41.796	ug/l	85
13) Acrolein	3.793	56	30605	186.371	ug/l	99
14) Allyl chloride	4.557	41	101611	49.388	ug/l	94
15) Acrylonitrile	5.251	53	99913	287.923	ug/l	99
16) Acetone	4.022	43	92503	250.844	ug/l	93
17) Carbon Disulfide	4.269	76	293988	46.120	ug/l	96
18) Methyl Acetate	4.563	43	69058	53.807	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	199148	53.921	ug/l	100
20) Methylene Chloride	4.804	84	131275	59.747	ug/l	99
21) trans-1,2-Dichloroethene	5.316	96	114699	50.857	ug/l	98
22) Diisopropyl ether	6.210	45	248460	61.519	ug/l	96
23) Vinyl Acetate	6.157	43	594997	314.364	ug/l	97
24) 1,1-Dichloroethane	6.110	63	180697	53.811	ug/l	99
25) 2-Butanone	7.081	43	111660	291.896	ug/l	93
26) 2,2-Dichloropropane	7.075	77	156281	51.042	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	125239	49.525	ug/l	99
28) Bromochloromethane	7.428	49	61844	50.418	ug/l	94
29) Tetrahydrofuran	7.445	42	68815	311.853	ug/l	95
30) Chloroform	7.592	83	199870	51.877	ug/l	100
31) Cyclohexane	7.875	56	139910	53.474	ug/l	96
32) 1,1,1-Trichloroethane	7.792	97	170100	51.176	ug/l	97
36) 1,1-Dichloropropene	8.004	75	147703	51.483	ug/l	98
37) Ethyl Acetate	7.169	43	50049	55.536	ug/l	99
38) Carbon Tetrachloride	7.987	117	151179	47.368	ug/l	100
39) Methylcyclohexane	9.275	83	172193	49.395	ug/l	97
40) Benzene	8.251	78	441645	50.726	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	25646	59.629	ug/l	96
42) 1,2-Dichloroethane	8.328	62	106899	52.126	ug/l	98
43) Isopropyl Acetate	8.363	43	94775	58.417	ug/l	94
44) Trichloroethene	9.028	130	114674	45.050	ug/l	95
45) 1,2-Dichloropropane	9.304	63	107583	53.604	ug/l	98
46) Dibromomethane	9.392	93	62311	49.661	ug/l	93
47) Bromodichloromethane	9.581	83	147515	49.305	ug/l	98
48) Methyl methacrylate	9.375	41	43064	58.675	ug/l	90
49) 1,4-Dioxane	9.381	88	12953	1049.028	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	246778	303.437	ug/l	96
52) Toluene	10.334	92	287012	50.489	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	140757	52.412	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	166130	50.559	ug/l #	93
55) 1,1,2-Trichloroethane	10.733	97	85602	49.257	ug/l	95
56) Ethyl methacrylate	10.598	69	88782	53.456	ug/l	95
57) 1,3-Dichloropropane	10.881	76	138444	51.861	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	224341	273.144	ug/l	100
59) 2-Hexanone	10.922	43	175147	299.854	ug/l	94
60) Dibromochloromethane	11.075	129	104768	47.213	ug/l	97
61) 1,2-Dibromoethane	11.181	107	80370	49.078	ug/l	99
64) Tetrachloroethene	10.810	164	94288	43.021	ug/l	91
65) Chlorobenzene	11.610	112	299954	46.669	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	111920	45.809	ug/l	97
67) Ethyl Benzene	11.686	91	538590	50.551	ug/l	96
68) m/p-Xylenes	11.792	106	437601	100.021	ug/l	96
69) o-Xylene	12.122	106	197194	48.961	ug/l	97
70) Styrene	12.133	104	347488	50.569	ug/l	99
71) Bromoform	12.298	173	59478	44.410	ug/l #	99
73) Isopropylbenzene	12.422	105	511093	49.064	ug/l	97
74) N-amyl acetate	12.233	43	85443	57.017	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	100390	53.035	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	117427	54.655	ug/l #	100
77) Bromobenzene	12.698	156	124468	45.514	ug/l	95
78) n-propylbenzene	12.763	91	649446	51.769	ug/l	96
79) 2-Chlorotoluene	12.851	91	338752	49.575	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	434617	50.560	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	32012	54.467	ug/l	93
82) 4-Chlorotoluene	12.945	91	357704	50.281	ug/l	97
83) tert-Butylbenzene	13.169	119	366693	48.115	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	436874	50.478	ug/l	97
85) sec-Butylbenzene	13.345	105	579077	50.494	ug/l	96
86) p-Isopropyltoluene	13.463	119	493045	49.487	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	266776	46.353	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	258785	45.375	ug/l	98
89) n-Butylbenzene	13.786	91	454319	52.369	ug/l	98
90) Hexachloroethane	14.051	117	96155	47.745	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	228951	47.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12826	55.359	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	130912	43.218	ug/l	96
94) Hexachlorobutadiene	15.204	225	70429	40.939	ug/l	98
95) Naphthalene	15.333	128	237436	46.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	114932	43.714	ug/l	99

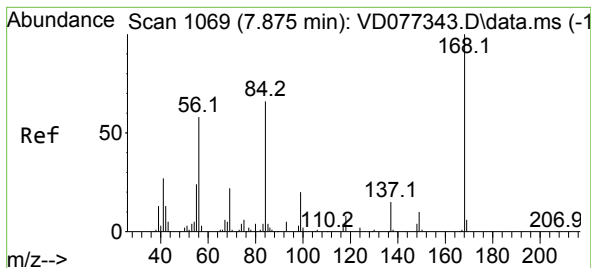
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

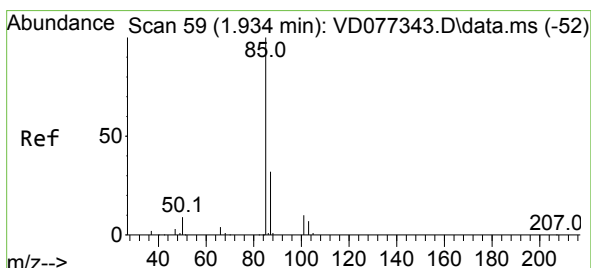
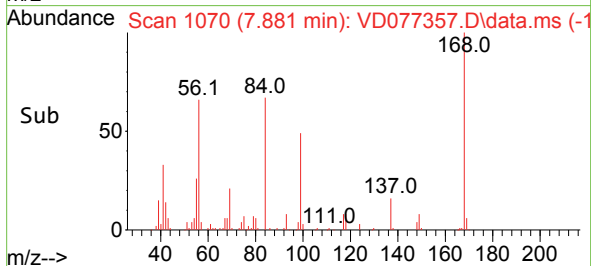
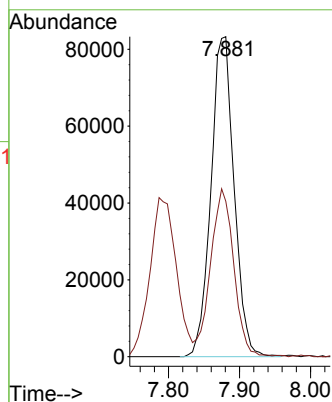
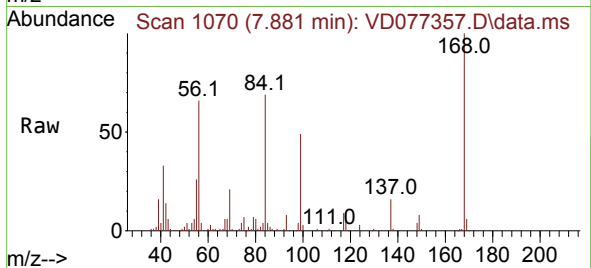
ClientSampleId :

Tgt Ion:168 Resp: 188328

Ion Ratio Lower Upper

168 100

99 48.2 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 62.388 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD077357.D

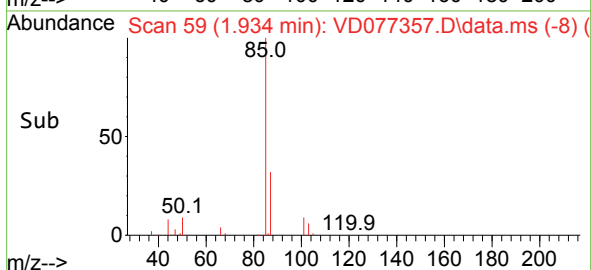
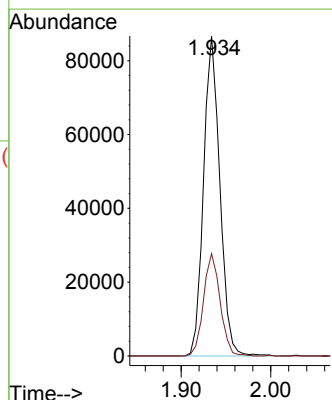
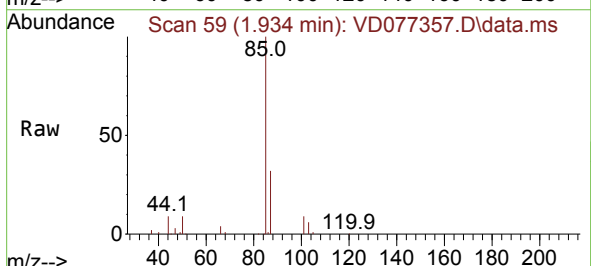
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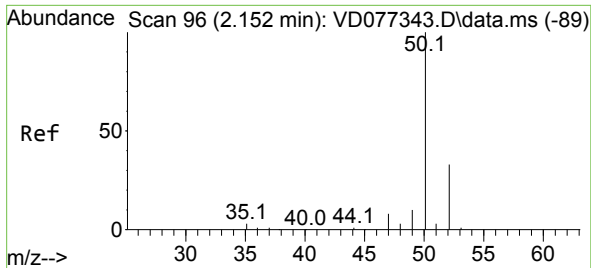
Tgt Ion: 85 Resp: 109232

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.0

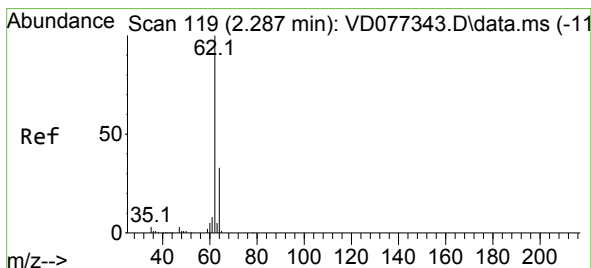
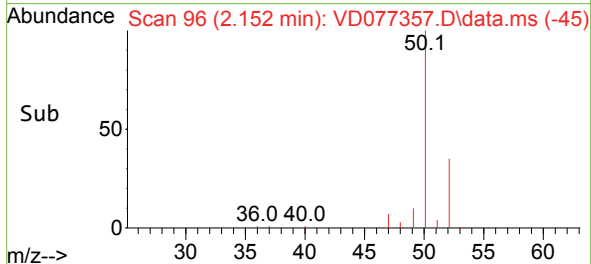
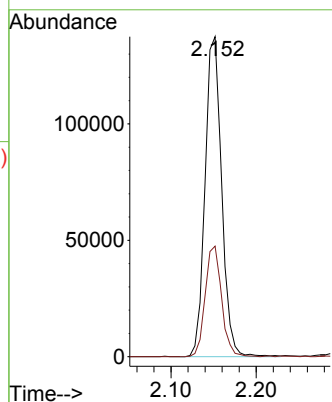
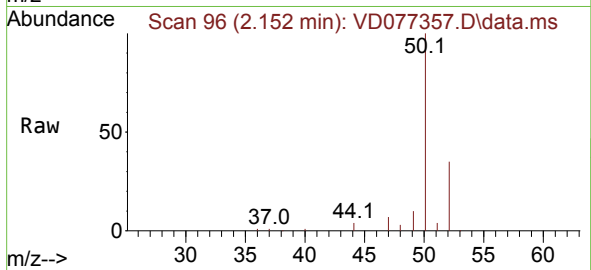




#3
Chloromethane
Concen: 52.174 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

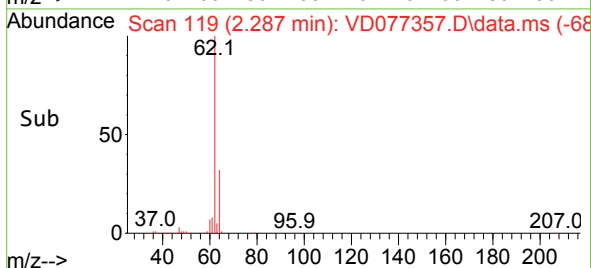
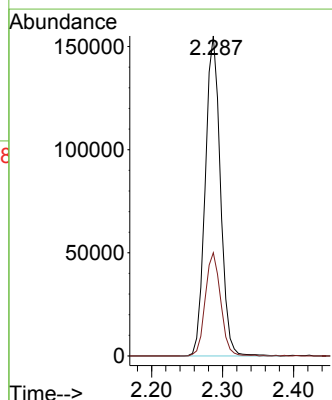
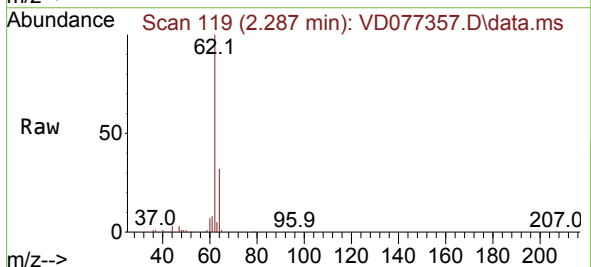
Instrument :
MSVOA_D
ClientSampleId :

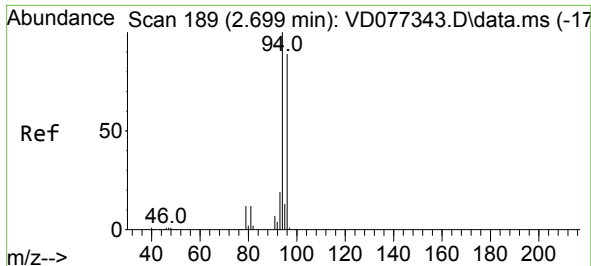
Tgt Ion: 50 Resp: 186023
Ion Ratio Lower Upper
50 100
52 34.5 26.6 40.0



#4
Vinyl Chloride
Concen: 54.782 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion: 62 Resp: 230720
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0

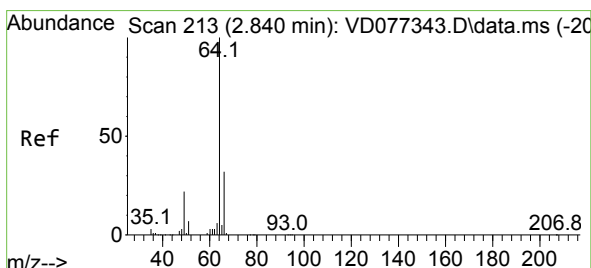
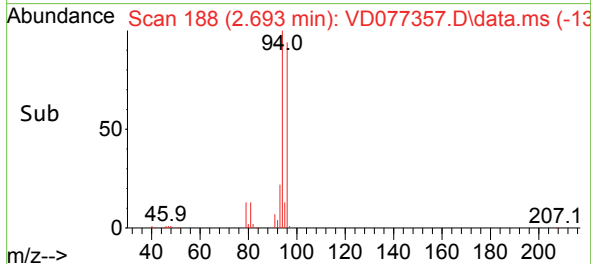
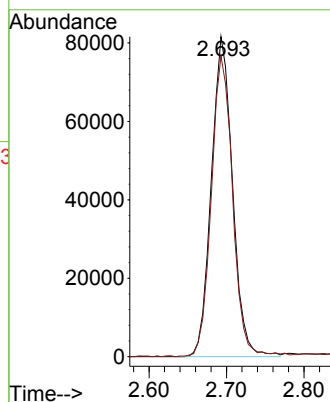
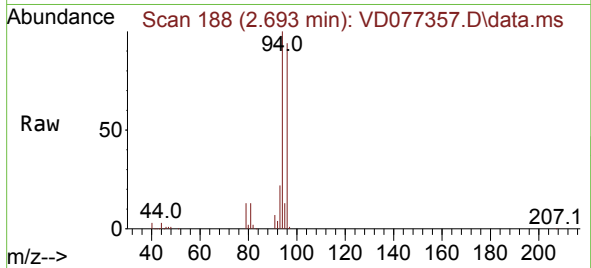




#5
Bromomethane
Concen: 57.364 ug/l
RT: 2.693 min Scan# 189
Delta R.T. -0.006 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

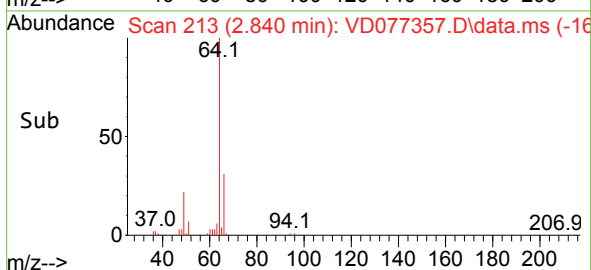
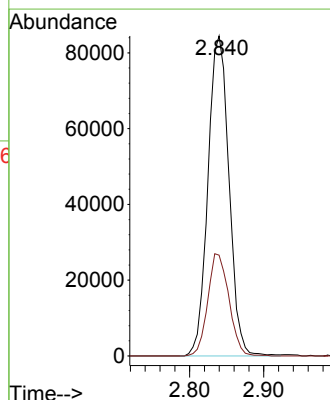
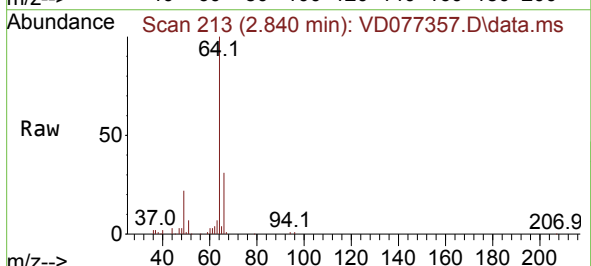
Instrument :
MSVOA_D
ClientSampleId :

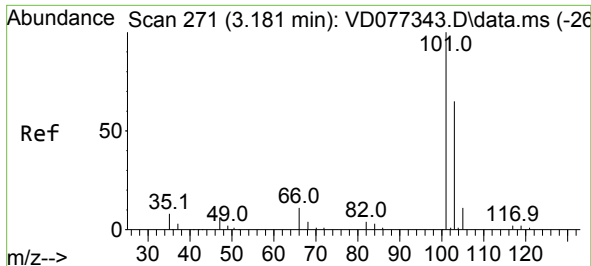
Tgt Ion: 94 Resp: 155254
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.8



#6
Chloroethane
Concen: 56.252 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

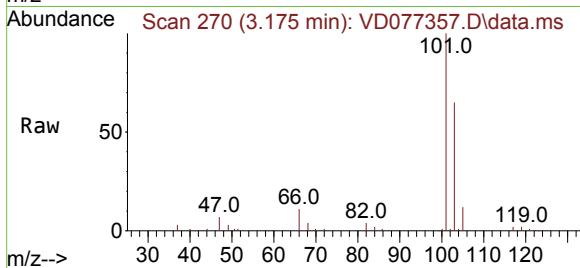
Tgt Ion: 64 Resp: 166546
Ion Ratio Lower Upper
64 100
66 31.5 25.5 38.3



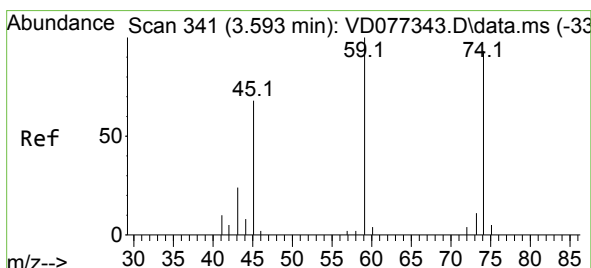
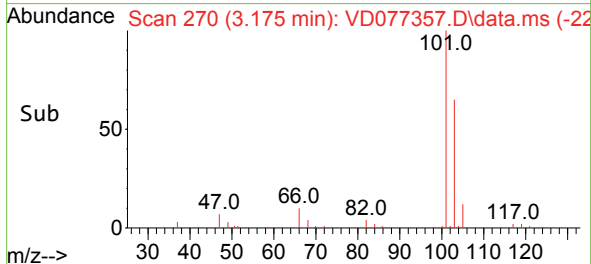
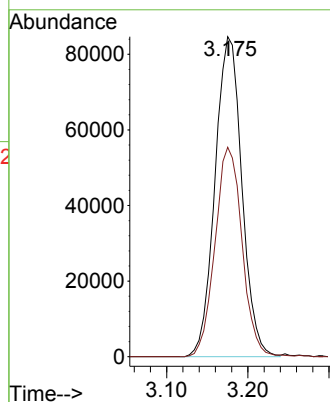


#7
 Trichlorofluoromethane
 Concen: 45.595 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077357.D
 Acq: 19 Oct 2023 16:53

Instrument :
 MSVOA_D
 ClientSampleId :

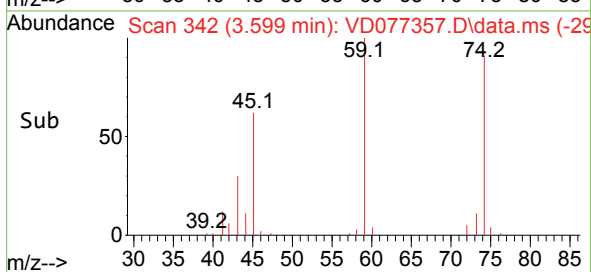
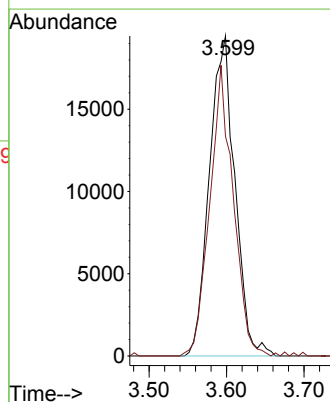
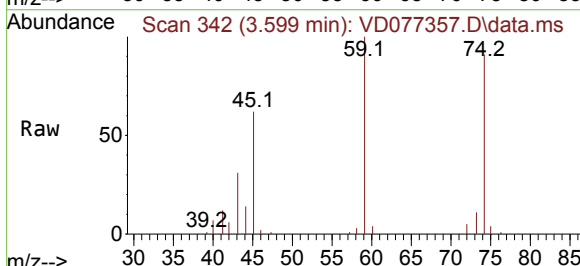


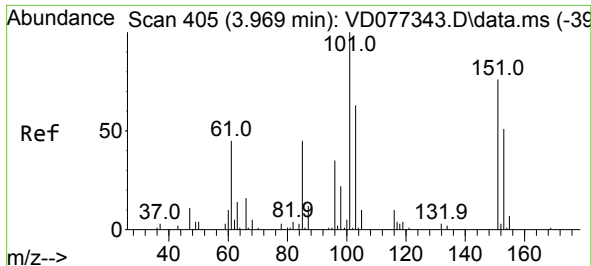
Tgt Ion:101 Resp: 194802
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 38.886 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077357.D
 Acq: 19 Oct 2023 16:53

Tgt Ion: 74 Resp: 44528
 Ion Ratio Lower Upper
 74 100
 45 83.2 37.5 112.7

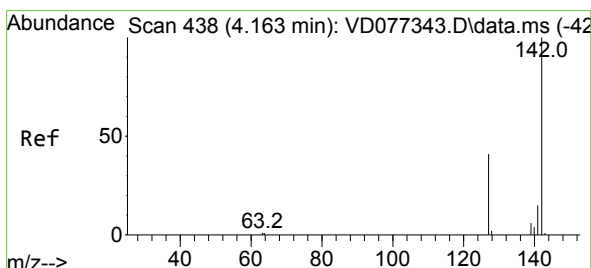
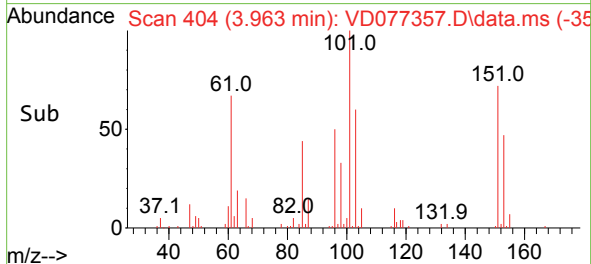
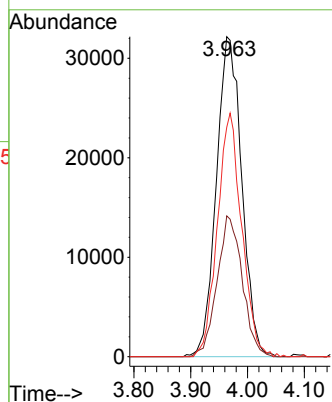
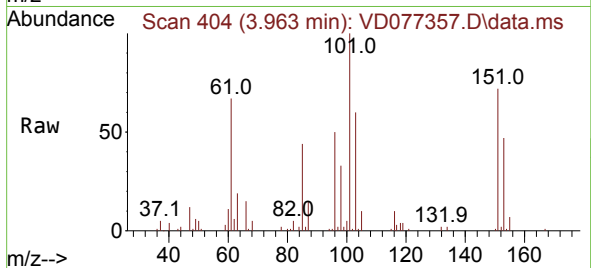




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.231 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

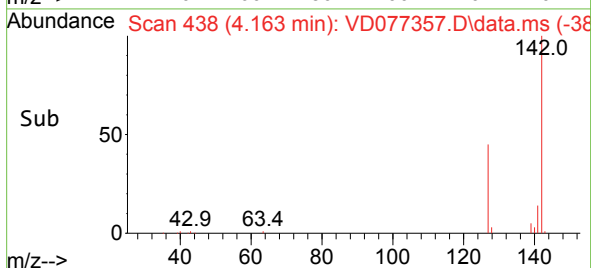
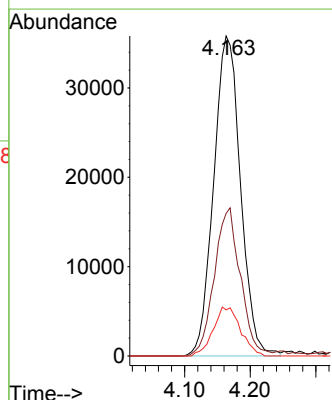
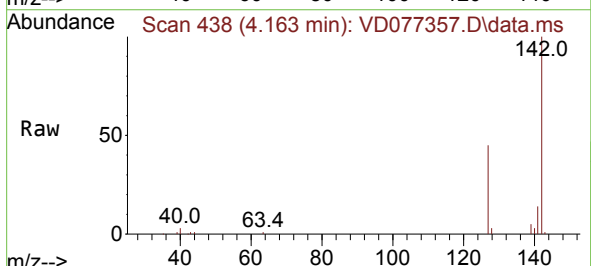
Instrument :
MSVOA_D
ClientSampleId :

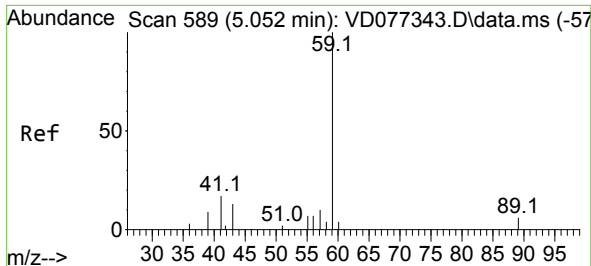
Tgt Ion:101 Resp: 99977
Ion Ratio Lower Upper
101 100
85 43.6 33.8 50.6
151 72.9 59.8 89.6



#10
Methyl Iodide
Concen: 37.642 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

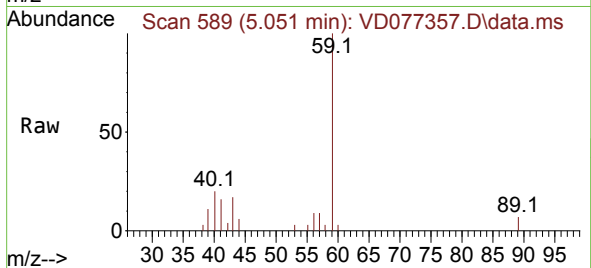
Tgt Ion:142 Resp: 101807
Ion Ratio Lower Upper
142 100
127 44.9 29.4 44.0#
141 15.6 11.1 16.7



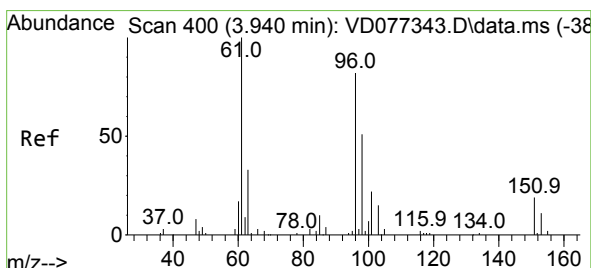
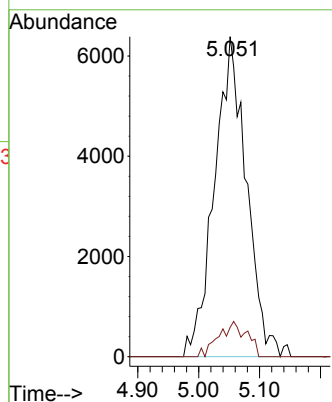
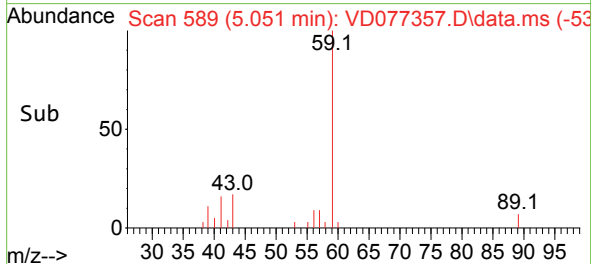


#11
Tert butyl alcohol
Concen: 245.467 ug/l
RT: 5.051 min Scan# 51
Delta R.T. -0.001 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

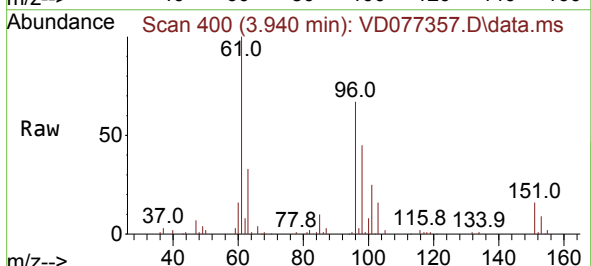
Instrument :
MSVOA_D
ClientSampleId :



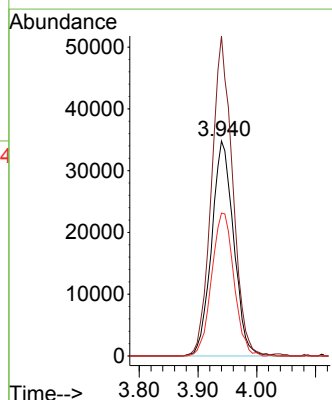
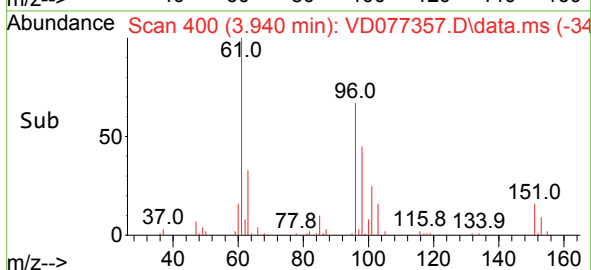
Tgt Ion: 59 Resp: 23221
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8

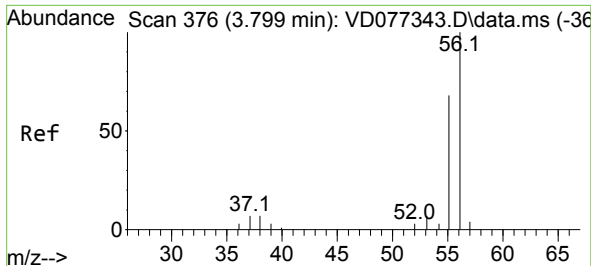


#12
1,1-Dichloroethene
Concen: 41.796 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53



Tgt Ion: 96 Resp: 90630
Ion Ratio Lower Upper
96 100
61 148.9 100.6 150.8
98 66.5 50.2 75.2





#13

Acrolein

Concen: 186.371 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

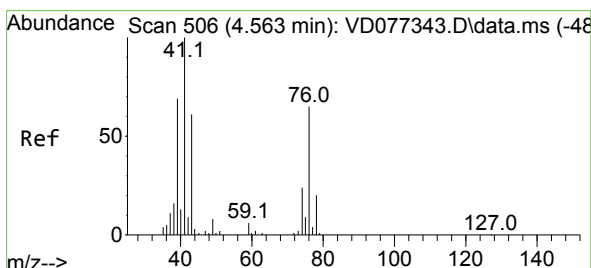
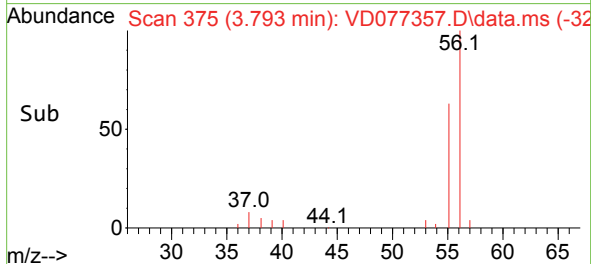
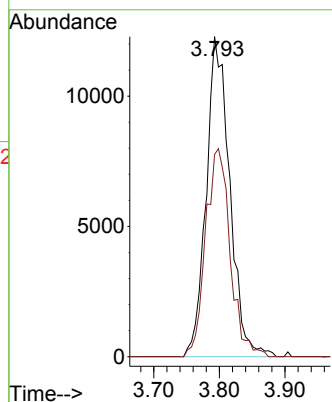
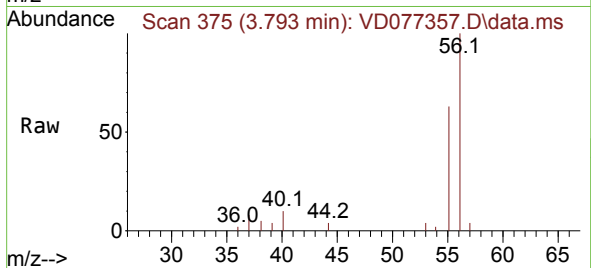
ClientSampleId :

Tgt Ion: 56 Resp: 30605

Ion Ratio Lower Upper

56 100

55 67.9 55.1 82.7



#14

Allyl chloride

Concen: 49.388 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

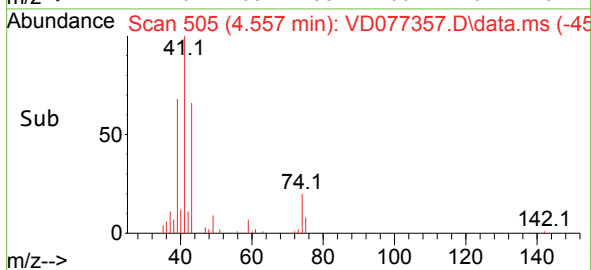
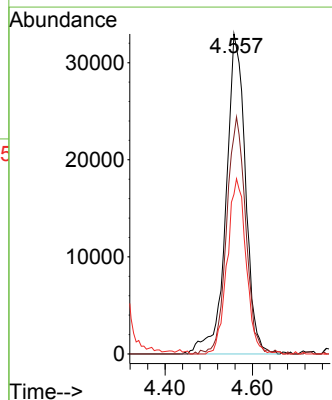
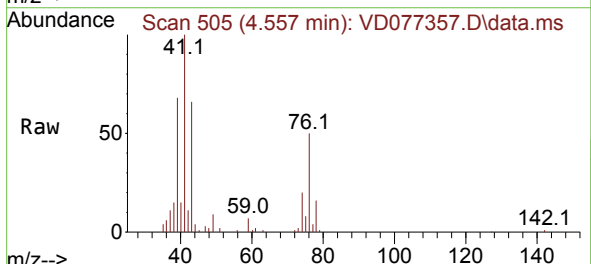
Tgt Ion: 41 Resp: 101611

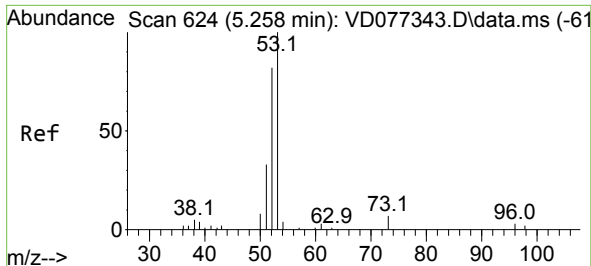
Ion Ratio Lower Upper

41 100

39 72.5 53.8 80.6

76 53.1 45.8 68.8

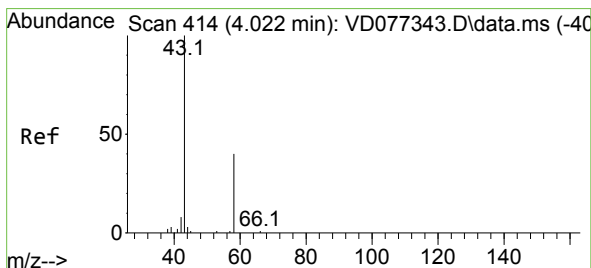
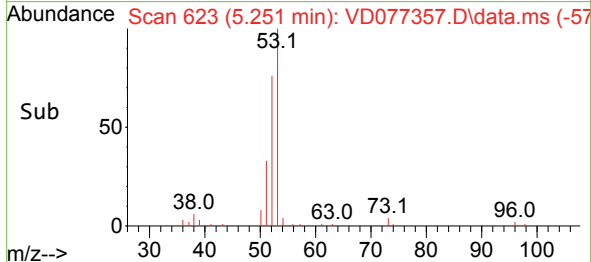
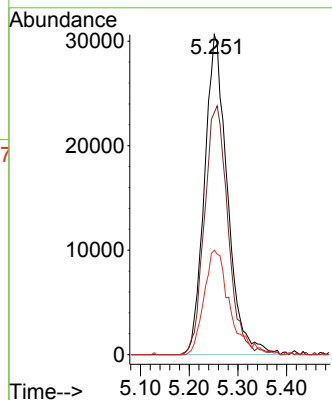
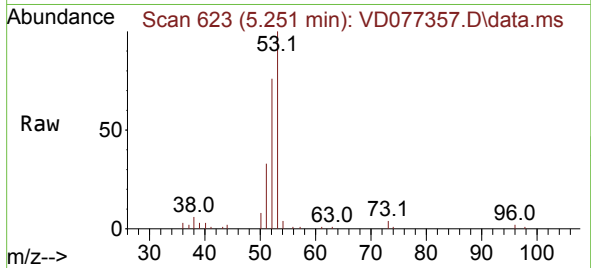




#15
Acrylonitrile
Concen: 287.923 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.007 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

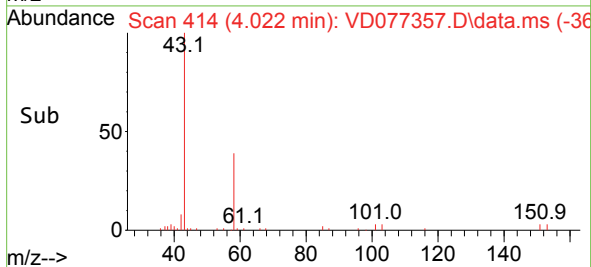
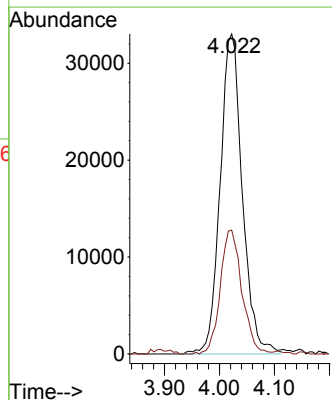
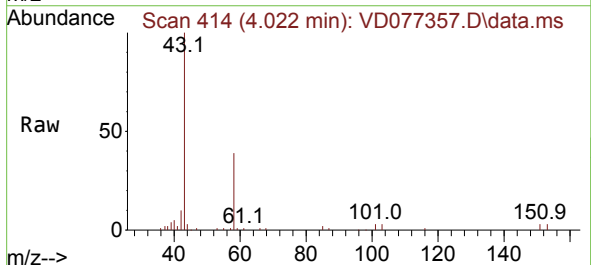
Instrument :
MSVOA_D
ClientSampleId :

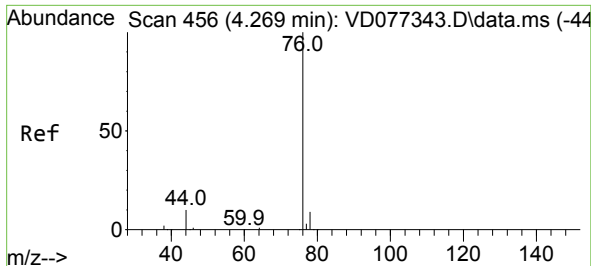
Tgt Ion: 53 Resp: 99913
Ion Ratio Lower Upper
53 100
52 80.2 65.0 97.4
51 36.7 28.3 42.5



#16
Acetone
Concen: 250.844 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion: 43 Resp: 92503
Ion Ratio Lower Upper
43 100
58 38.7 34.7 52.1





#17

Carbon Disulfide

Concen: 46.120 ug/l

RT: 4.269 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

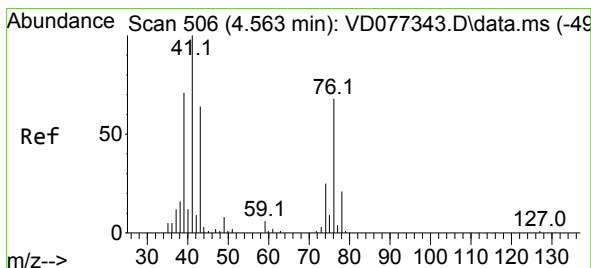
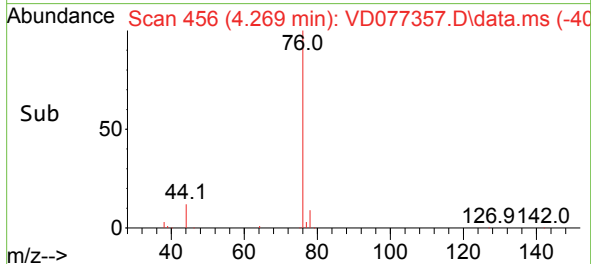
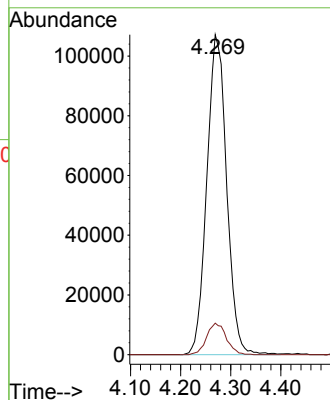
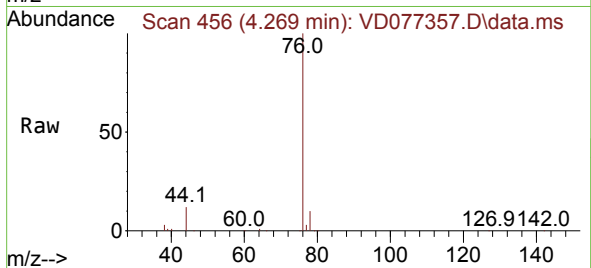
ClientSampleId :

Tgt Ion: 76 Resp: 293988

Ion Ratio Lower Upper

76 100

78 9.9 6.8 10.2



#18

Methyl Acetate

Concen: 53.807 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077357.D

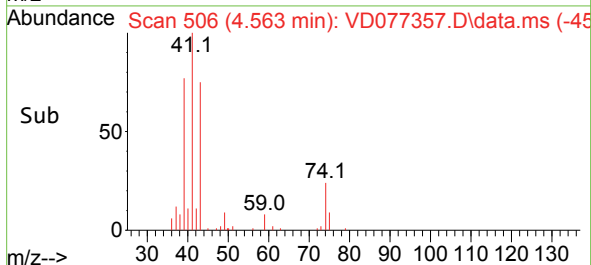
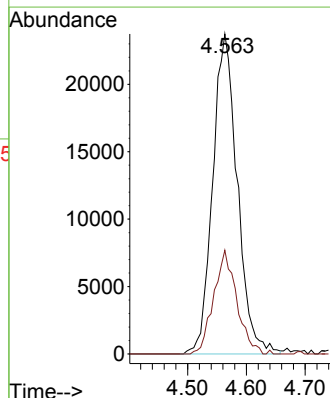
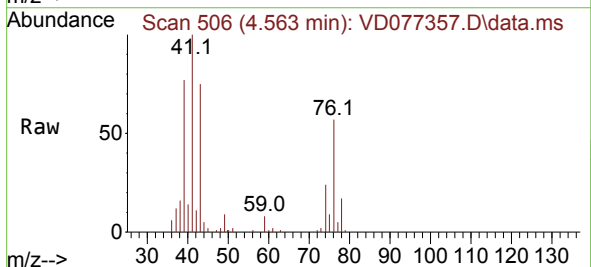
Acq: 19 Oct 2023 16:53

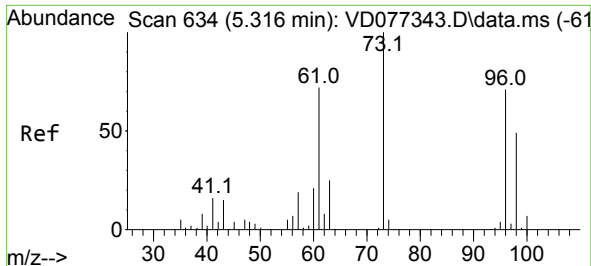
Tgt Ion: 43 Resp: 69058

Ion Ratio Lower Upper

43 100

74 30.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 53.921 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

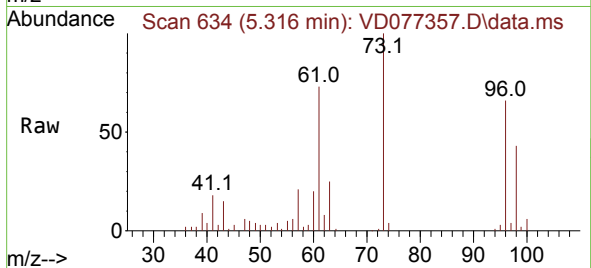
Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

ClientSampleId :

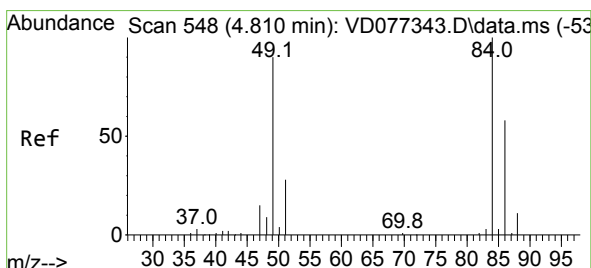
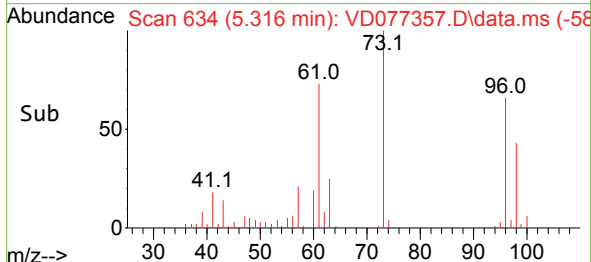
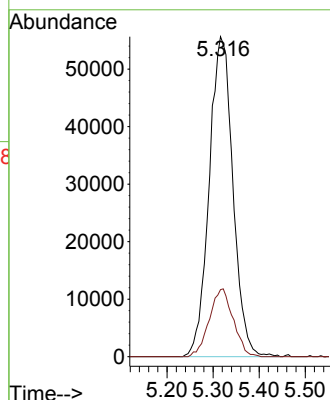


Tgt Ion: 73 Resp: 199148

Ion Ratio Lower Upper

73 100

57 20.9 16.6 25.0



#20

Methylene Chloride

Concen: 59.747 ug/l

RT: 4.804 min Scan# 547

Delta R.T. -0.006 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Tgt Ion: 84 Resp: 131275

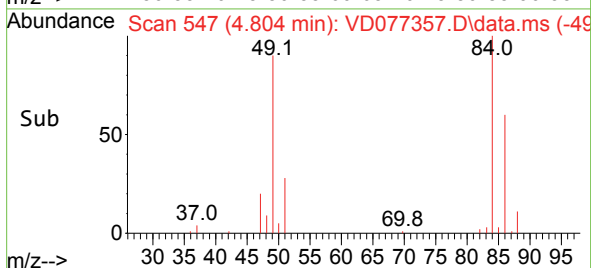
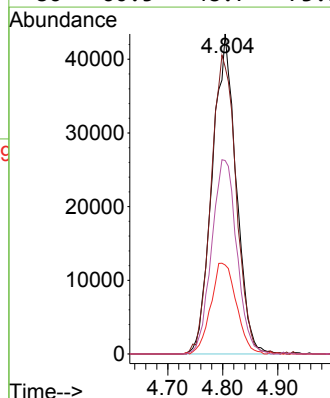
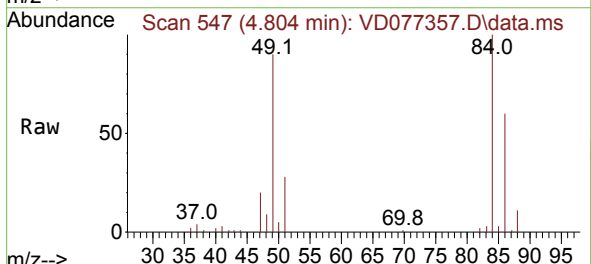
Ion Ratio Lower Upper

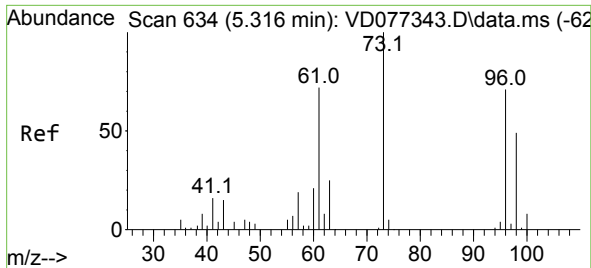
84 100

49 89.7 71.4 107.2

51 27.8 24.5 36.7

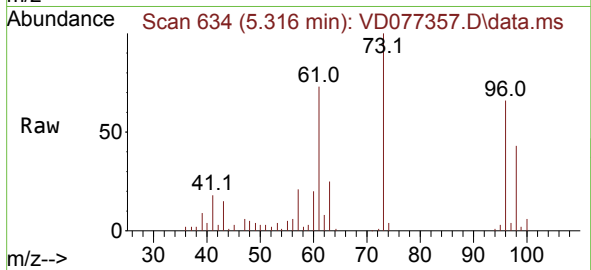
86 60.5 48.7 73.1



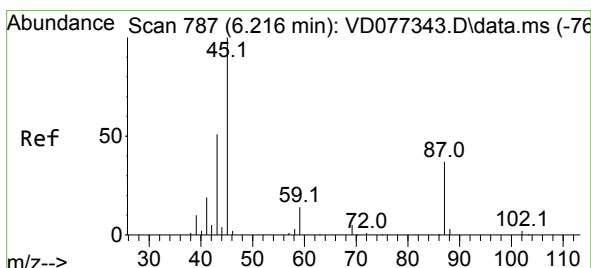
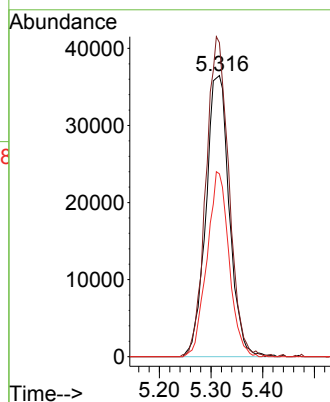
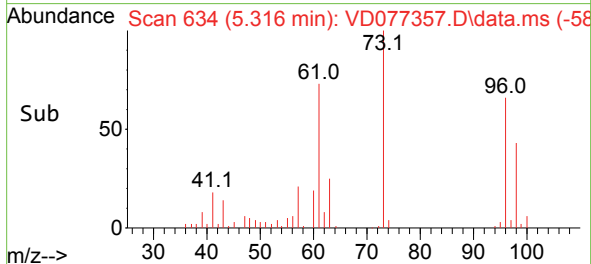


#21
trans-1,2-Dichloroethene
Concen: 50.857 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

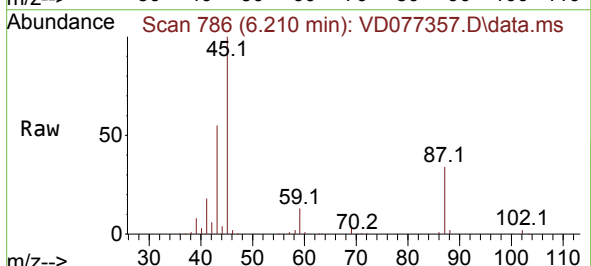
Instrument :
MSVOA_D
ClientSampleId :



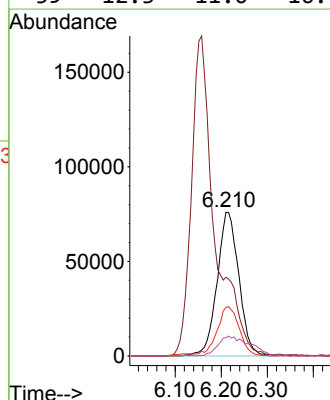
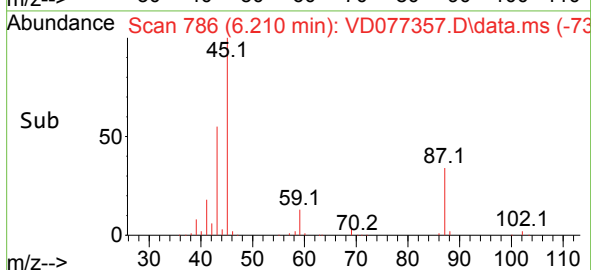
Tgt Ion: 96 Resp: 114699
Ion Ratio Lower Upper
96 100
61 111.7 89.3 133.9
98 65.0 48.6 73.0

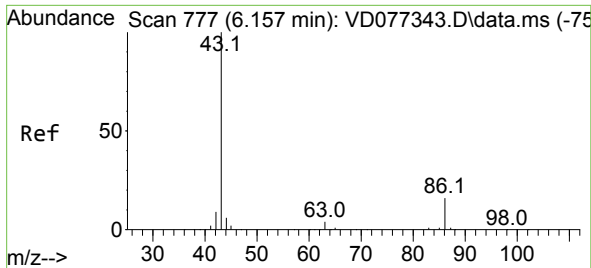


#22
Diisopropyl ether
Concen: 61.519 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53



Tgt Ion: 45 Resp: 248460
Ion Ratio Lower Upper
45 100
43 53.5 40.0 60.0
87 33.4 28.2 42.4
59 12.3 11.0 16.4

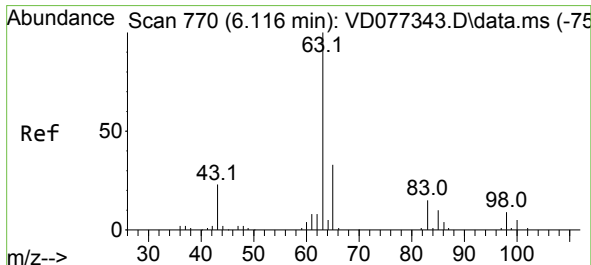
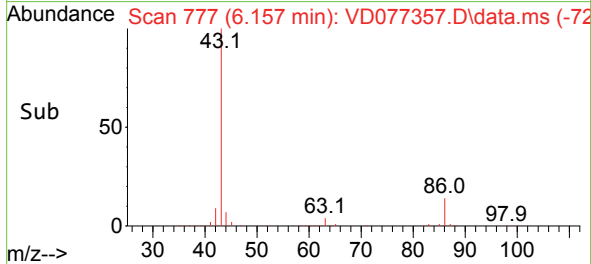
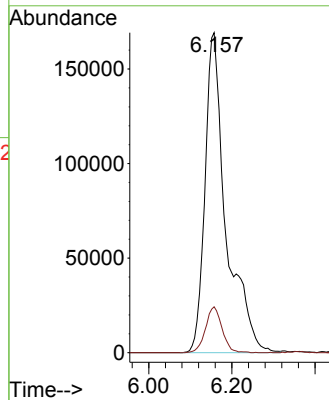
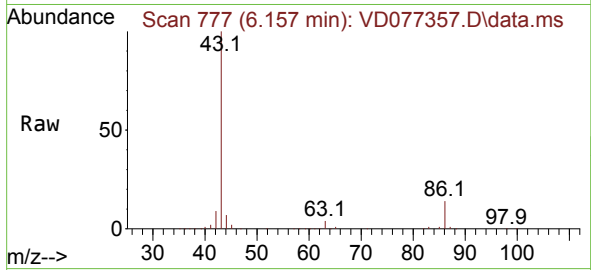




#23
 Vinyl Acetate
 Concen: 314.364 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD077357.D
 Acq: 19 Oct 2023 16:53

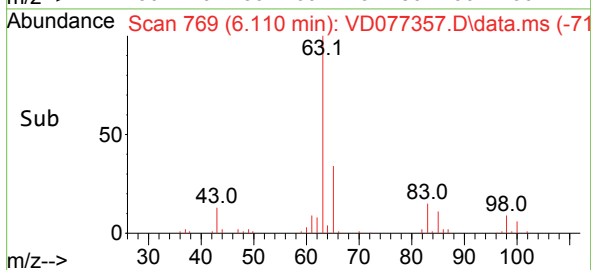
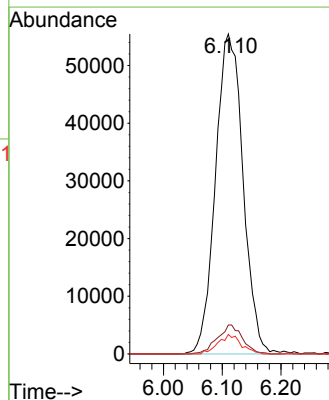
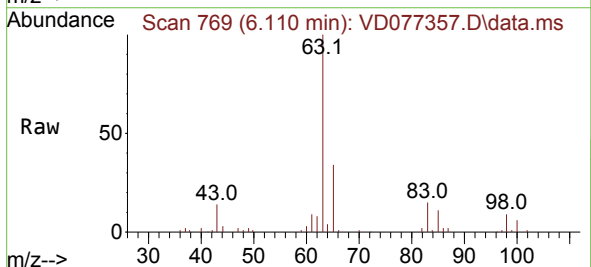
Instrument :
 MSVOA_D
 ClientSampleId :

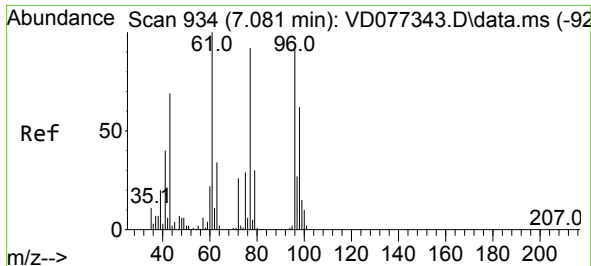
Tgt Ion: 43 Resp: 594997
 Ion Ratio Lower Upper
 43 100
 86 14.3 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 53.811 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077357.D
 Acq: 19 Oct 2023 16:53

Tgt Ion: 63 Resp: 180697
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.5 13.7
 100 6.1 2.5 7.5





#25

2-Butanone

Concen: 291.896 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

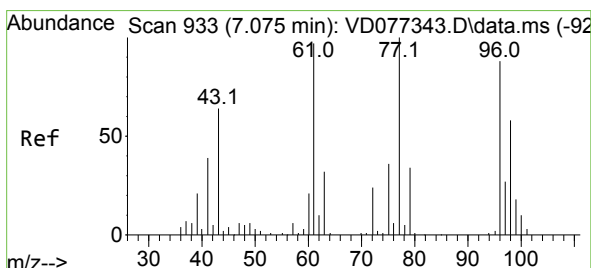
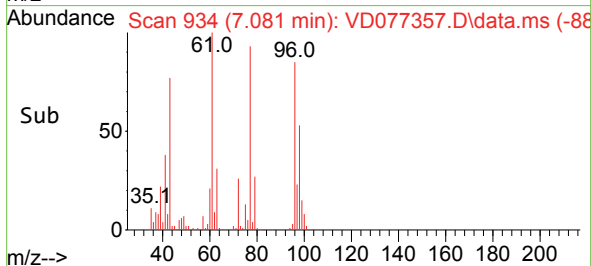
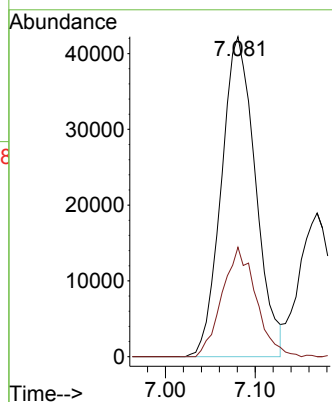
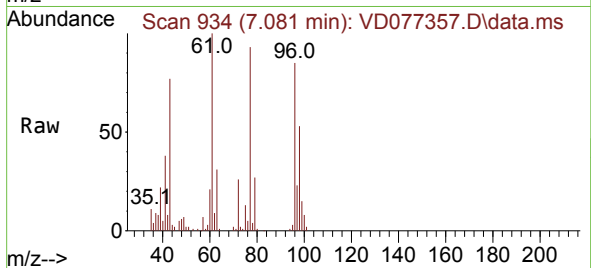
ClientSampleId :

Tgt Ion: 43 Resp: 111660

Ion Ratio Lower Upper

43 100

72 34.2 30.7 46.1



#26

2,2-Dichloropropane

Concen: 51.042 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD077357.D

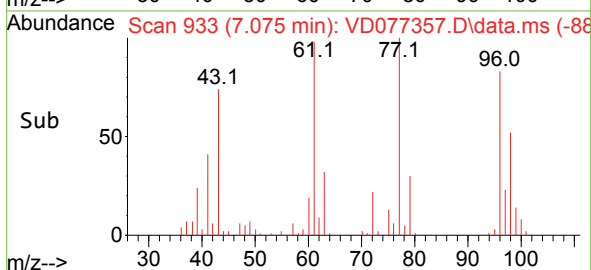
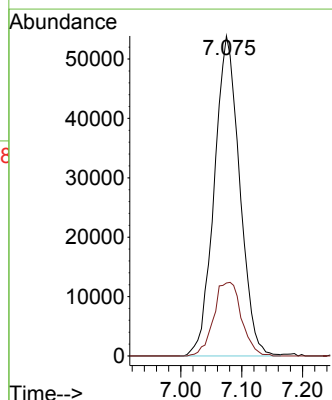
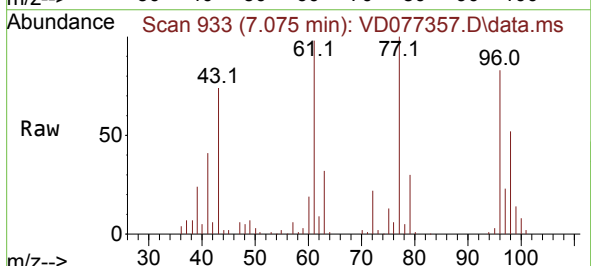
Acq: 19 Oct 2023 16:53

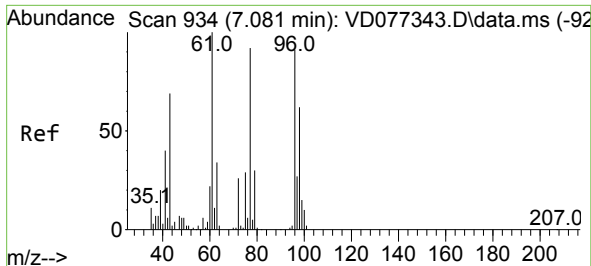
Tgt Ion: 77 Resp: 156281

Ion Ratio Lower Upper

77 100

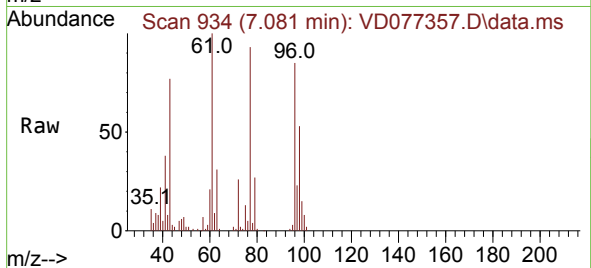
97 25.1 13.2 39.6





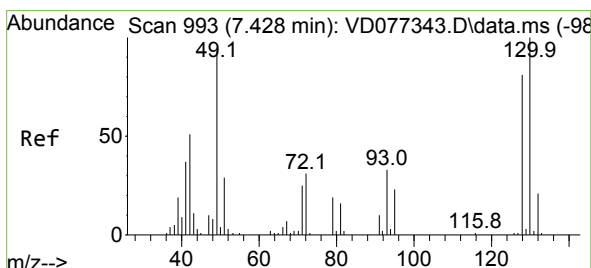
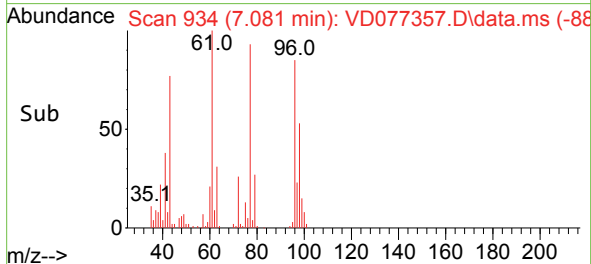
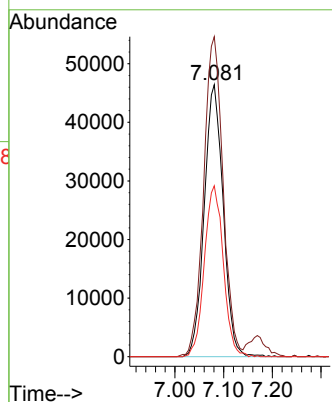
#27
 cis-1,2-Dichloroethene
 Concen: 49.525 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077357.D
 Acq: 19 Oct 2023 16:53

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 125239

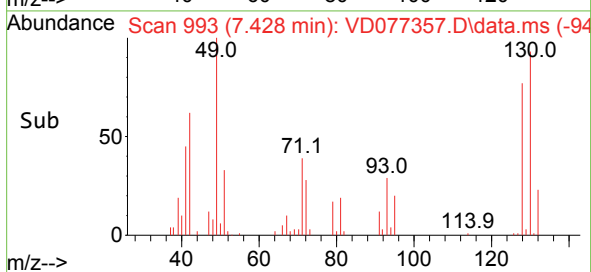
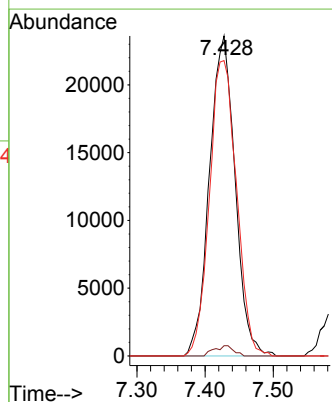
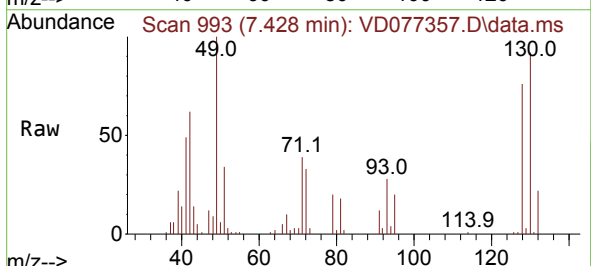
Ion	Ratio	Lower	Upper
96	100		
61	120.4	0.0	239.2
98	62.8	0.0	128.6

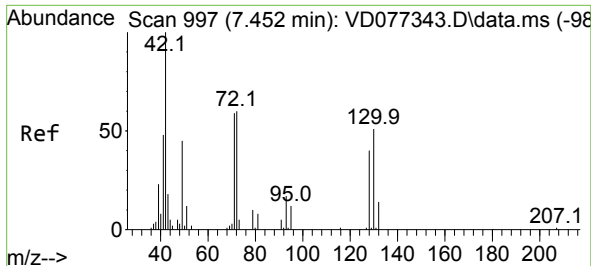


#28
 Bromochloromethane
 Concen: 50.418 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD077357.D
 Acq: 19 Oct 2023 16:53

Tgt Ion: 49 Resp: 61844

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	6.0
130	97.2	83.2	124.8





#29

Tetrahydrofuran

Concen: 311.853 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.007 min

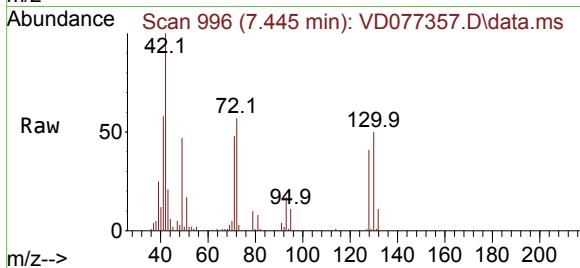
Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

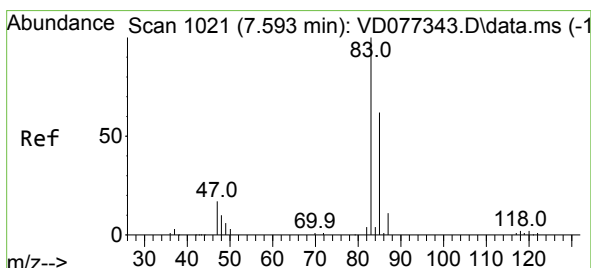
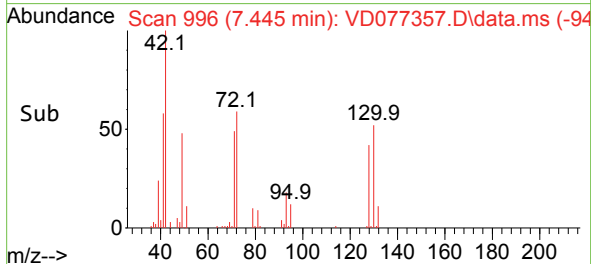
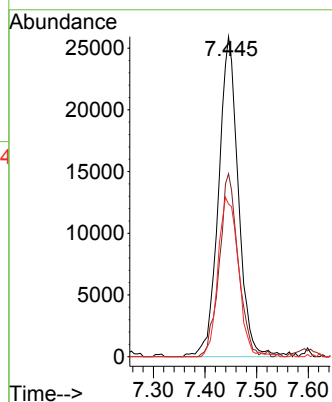
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	68815
Ion Ratio	Lower	Upper	
42	100		
72	54.5	46.5	69.7
71	51.6	44.5	66.7



#30

Chloroform

Concen: 51.877 ug/l

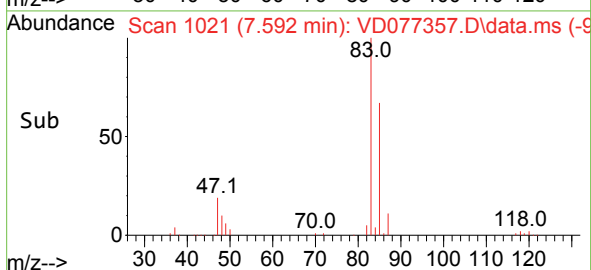
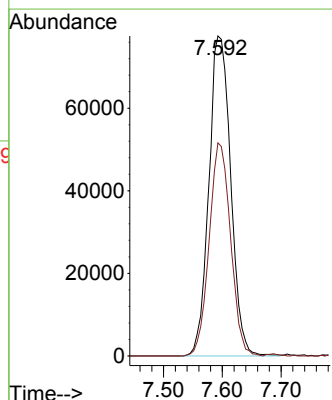
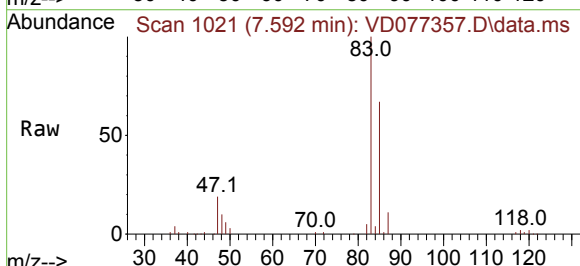
RT: 7.592 min Scan# 1021

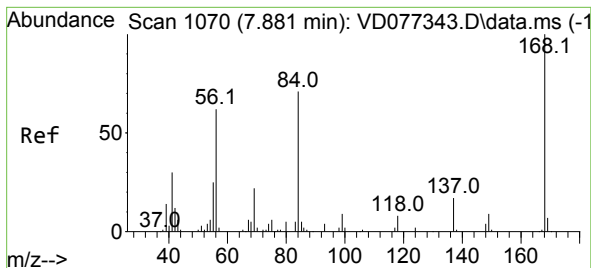
Delta R.T. -0.001 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Tgt Ion:	83	Resp:	199870
Ion Ratio	Lower	Upper	
83	100		
85	66.6	53.4	80.2





#31

Cyclohexane

Concen: 53.474 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

ClientSampleId :

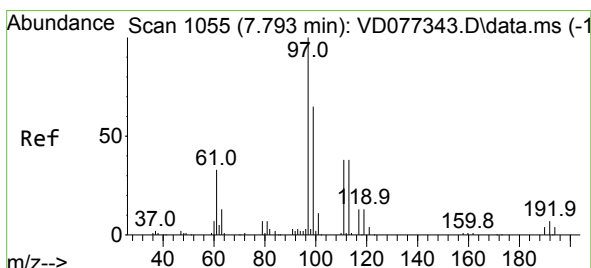
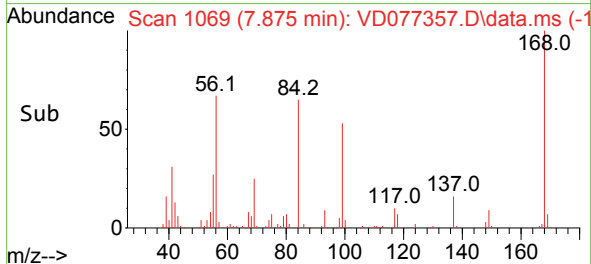
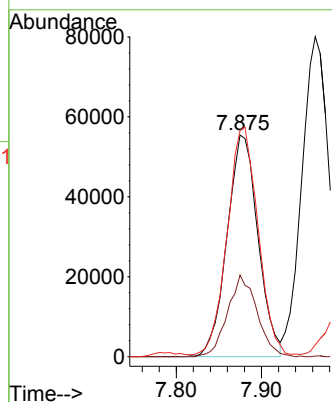
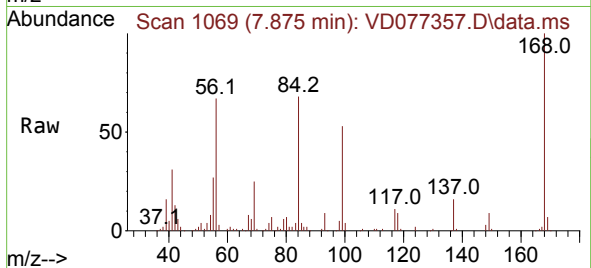
Tgt Ion: 56 Resp: 139910

Ion Ratio Lower Upper

56 100

69 36.8 28.6 43.0

84 100.6 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 51.176 ug/l

RT: 7.792 min Scan# 1055

Delta R.T. -0.001 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

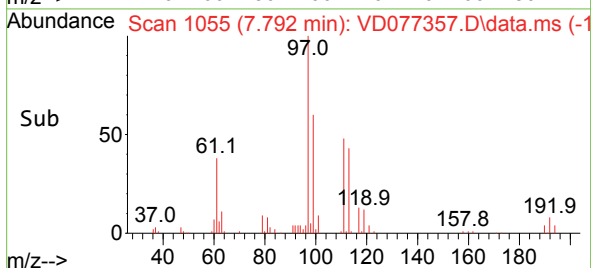
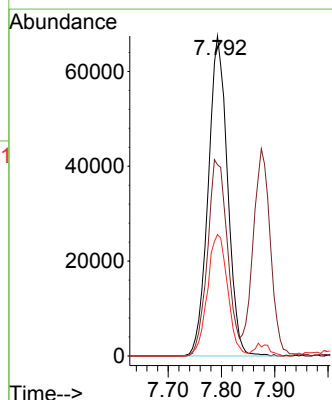
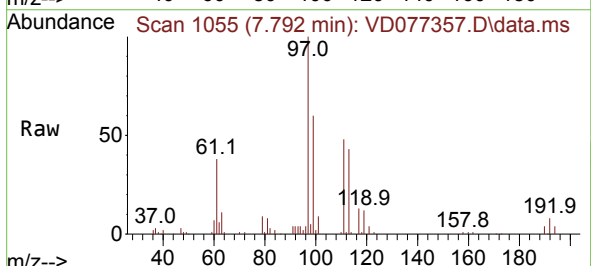
Tgt Ion: 97 Resp: 170100

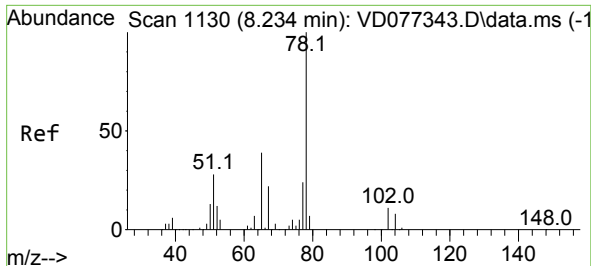
Ion Ratio Lower Upper

97 100

99 63.1 52.0 78.0

61 39.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.445 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

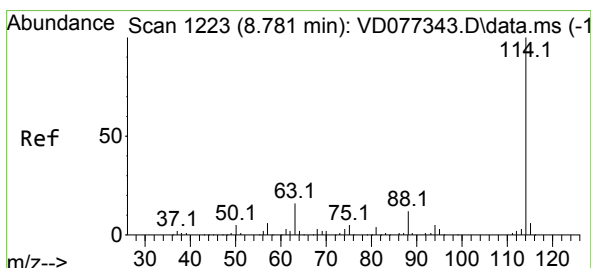
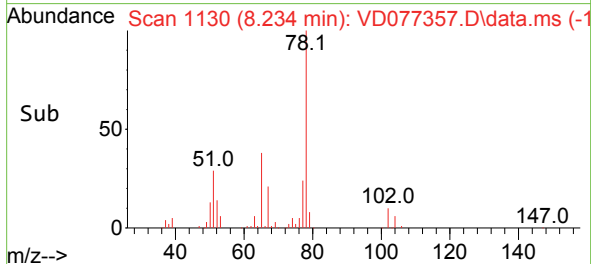
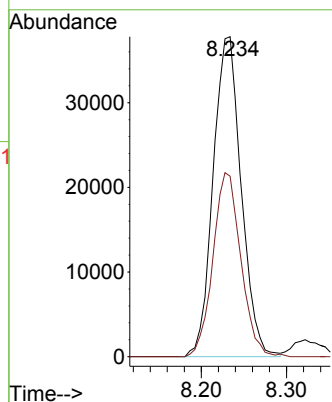
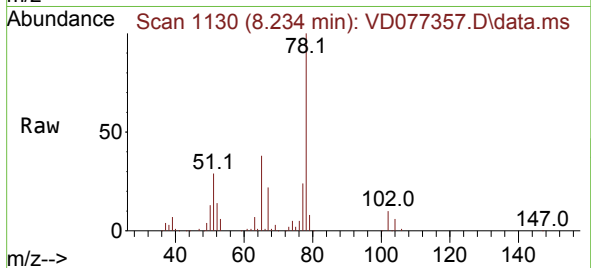
ClientSampleId :

Tgt Ion: 65 Resp: 86513

Ion Ratio Lower Upper

65 100

67 57.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

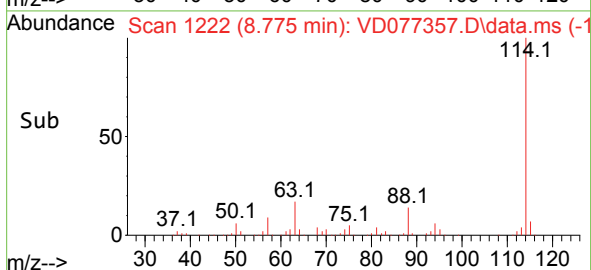
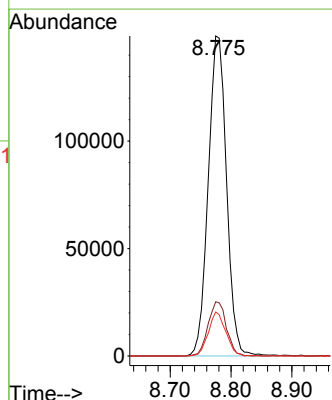
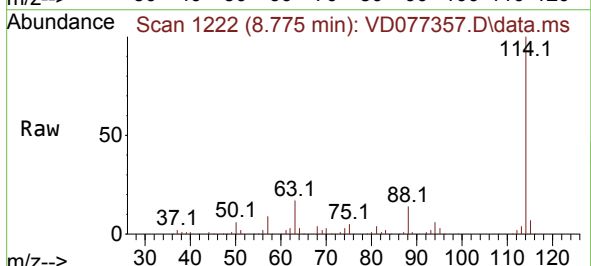
Tgt Ion:114 Resp: 310790

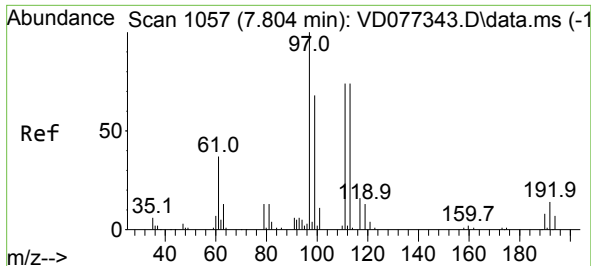
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.678 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

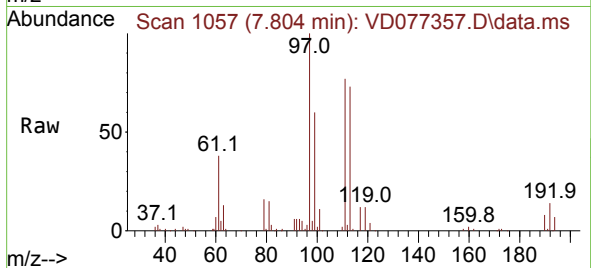
Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

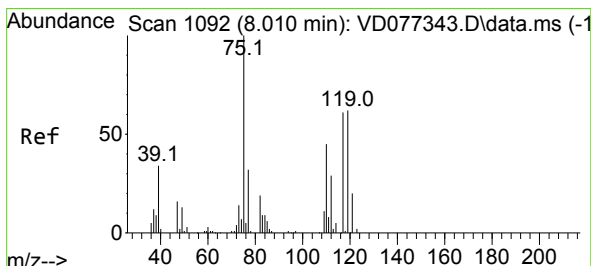
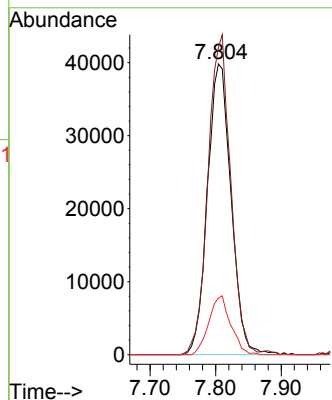
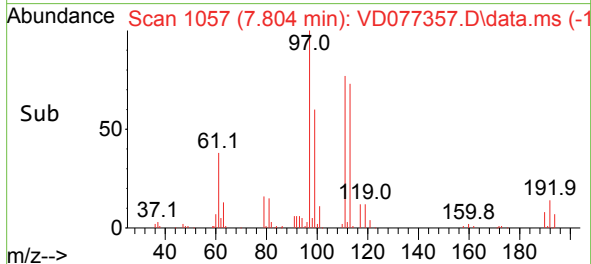
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	99734
Ion Ratio	Lower	Upper	
113	100		
111	105.3	84.7	127.1
192	18.7	16.8	25.2



#36

1,1-Dichloropropene

Concen: 51.483 ug/l

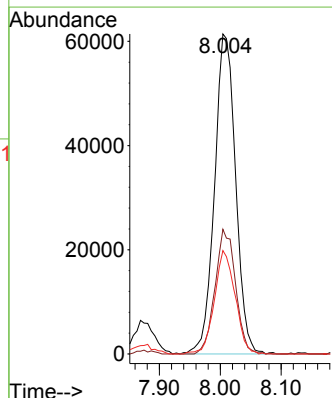
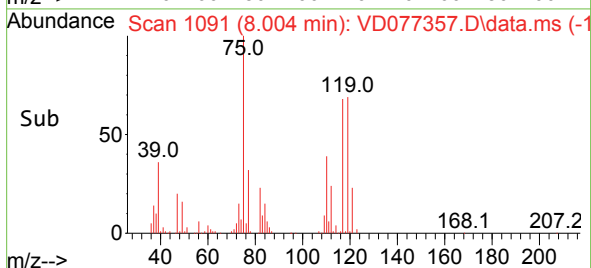
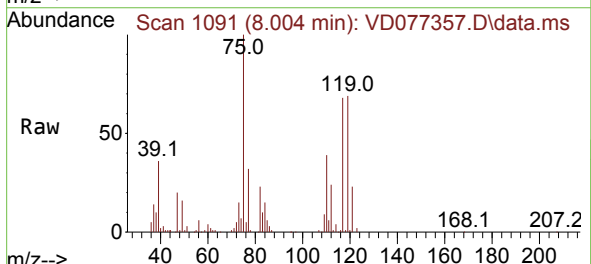
RT: 8.004 min Scan# 1091

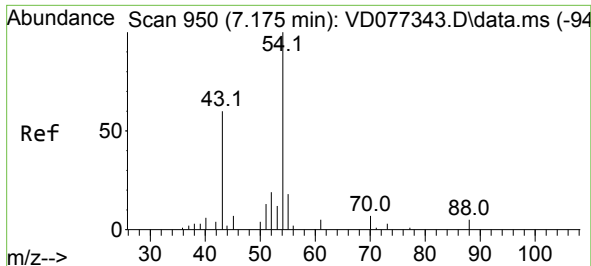
Delta R.T. -0.006 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Tgt Ion:	75	Resp:	147703
Ion Ratio	Lower	Upper	
75	100		
110	37.9	19.9	59.6
77	31.8	24.7	37.1





#37

Ethyl Acetate

Concen: 55.536 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD077357.D

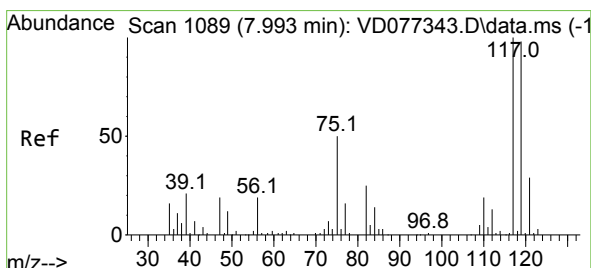
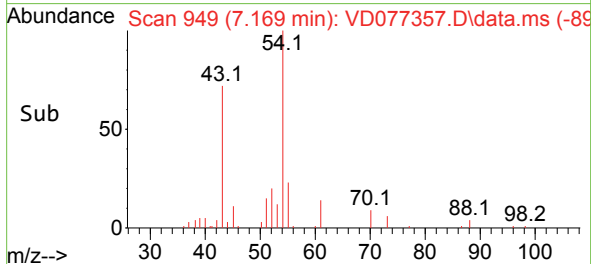
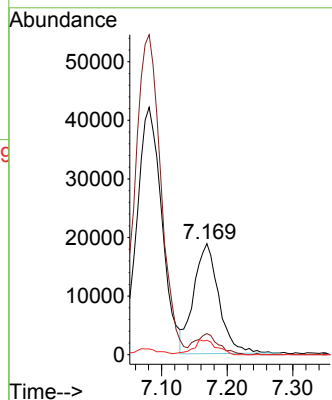
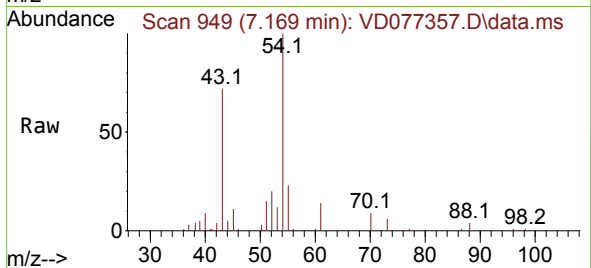
Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 50049
Ion Ratio	Lower Upper
43	100
61	17.6 14.9 22.3
70	12.5 10.0 15.0



#38

Carbon Tetrachloride

Concen: 47.368 ug/l

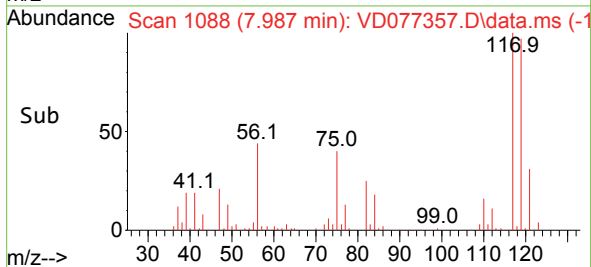
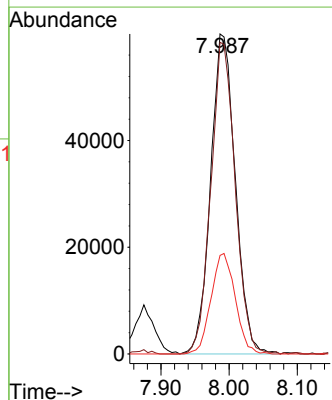
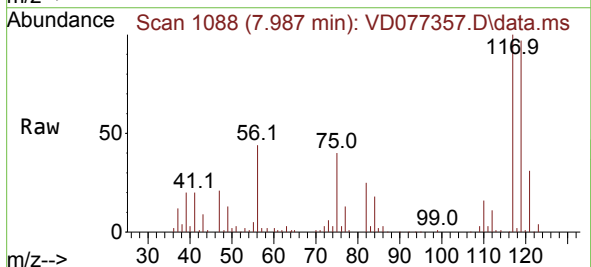
RT: 7.987 min Scan# 1088

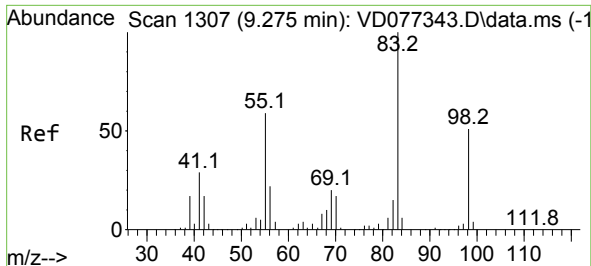
Delta R.T. -0.006 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Tgt Ion: 117	Resp: 151179
Ion Ratio	Lower Upper
117	100
119	97.4 78.0 117.0
121	30.8 24.2 36.2

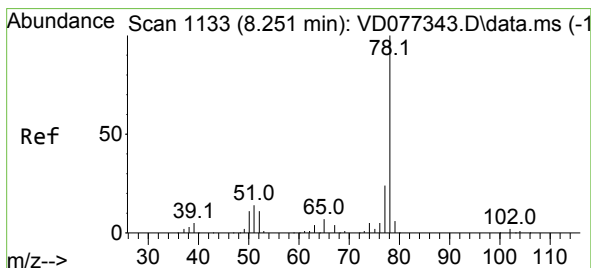
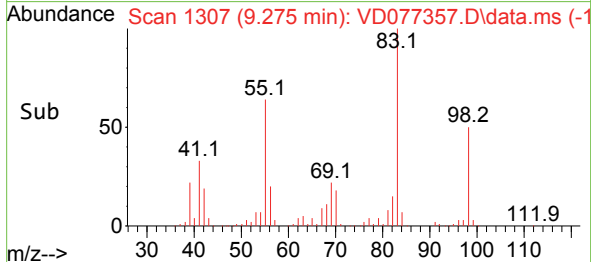
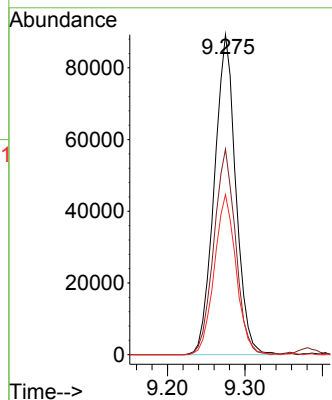
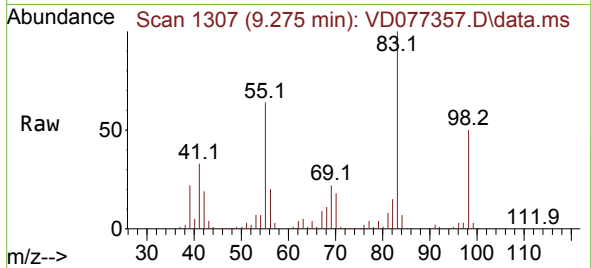




#39
Methylcyclohexane
Concen: 49.395 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

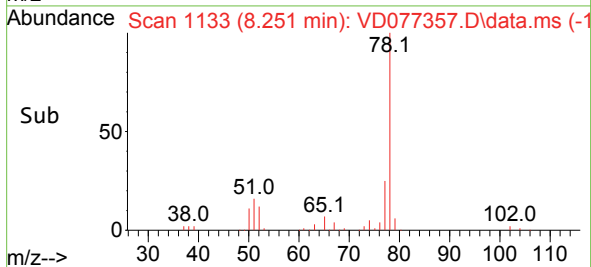
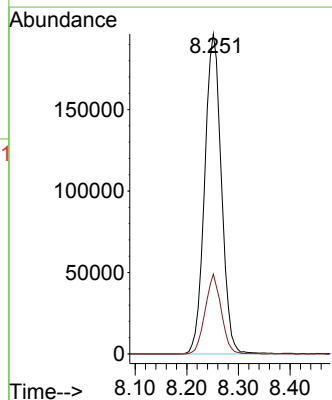
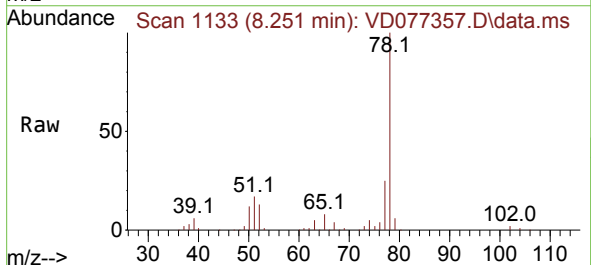
Instrument :
MSVOA_D
ClientSampleId :

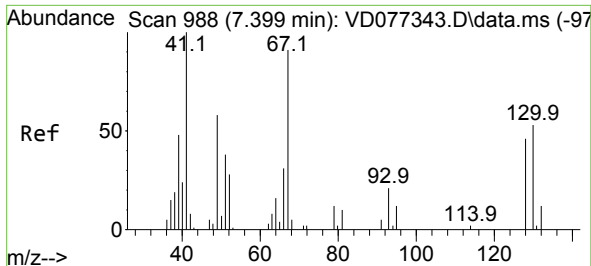
Tgt Ion: 83 Resp: 172193
Ion Ratio Lower Upper
83 100
55 64.3 49.4 74.0
98 50.0 38.4 57.6



#40
Benzene
Concen: 50.726 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

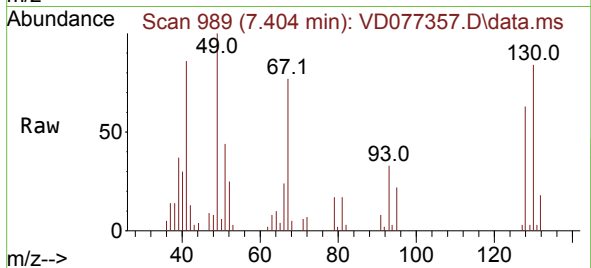
Tgt Ion: 78 Resp: 441645
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0



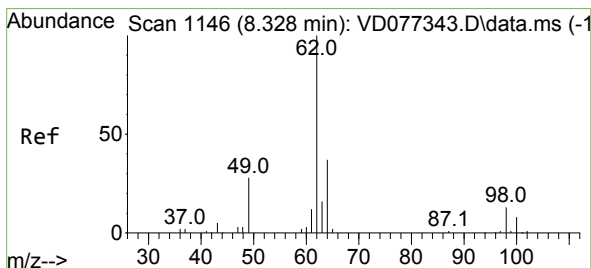
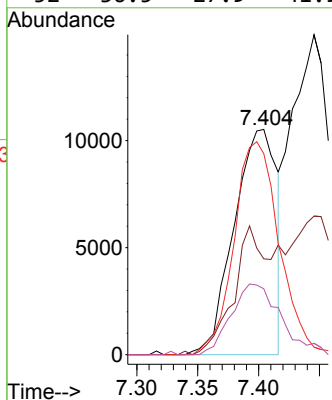
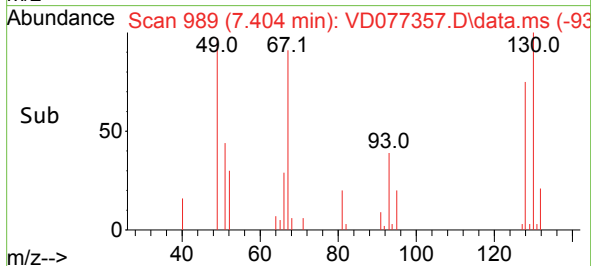


#41
Methacrylonitrile
Concen: 59.629 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Instrument :
MSVOA_D
ClientSampleId :

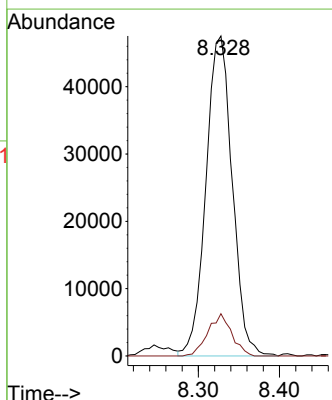
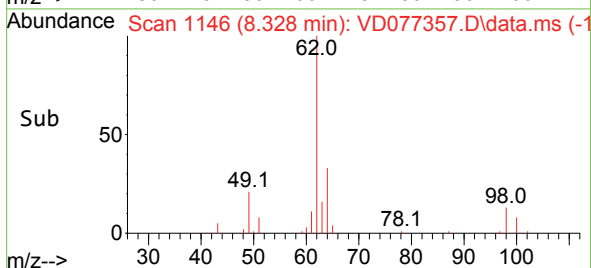
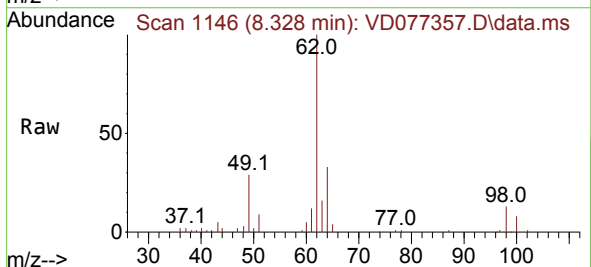


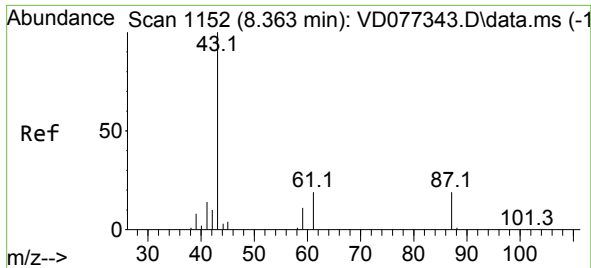
Tgt Ion: 41 Resp: 25646
Ion Ratio Lower Upper
41 100
39 45.2 34.0 51.0
67 100.5 77.0 115.4
52 36.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 52.126 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion: 62 Resp: 106899
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4

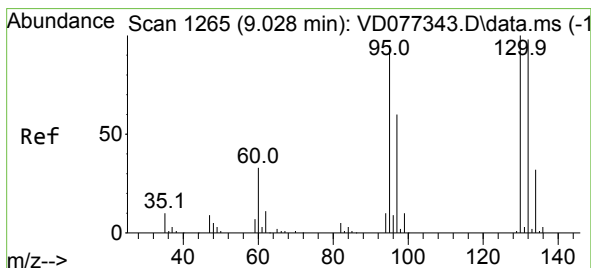
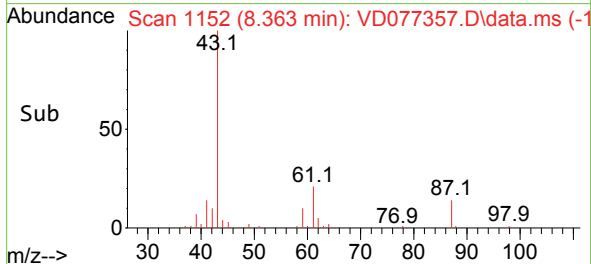
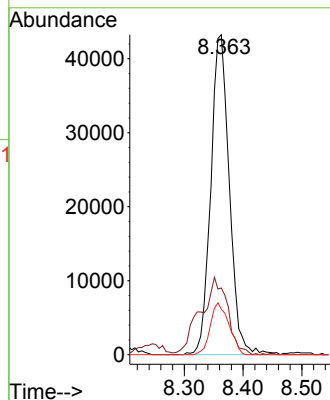
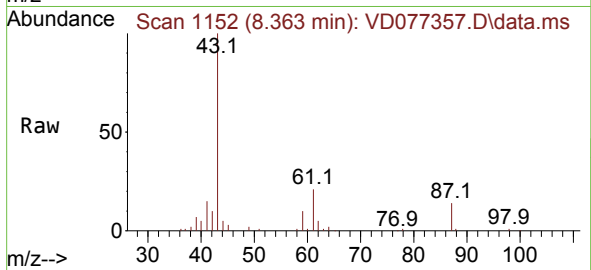




#43
Isopropyl Acetate
Concen: 58.417 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

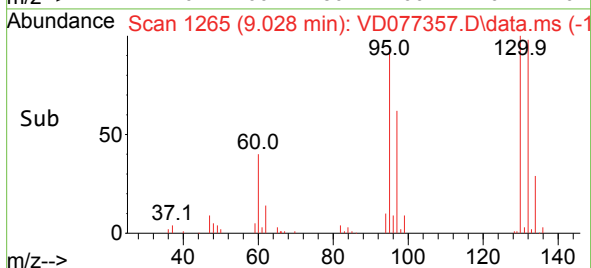
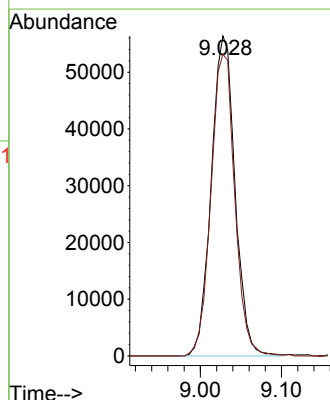
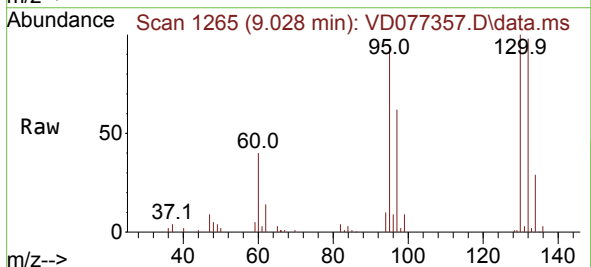
Instrument :
MSVOA_D
ClientSampleId :

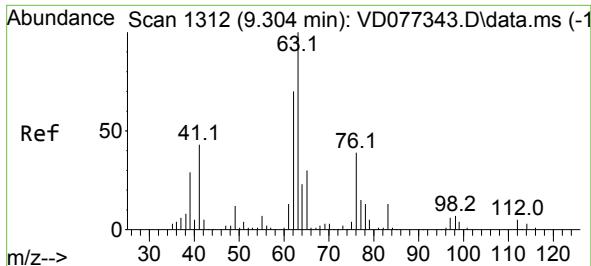
Tgt Ion	Ratio	Lower	Upper
43	100		
61	35.5	31.4	47.0
87	16.3	14.9	22.3



#44
Trichloroethene
Concen: 45.050 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	179.2





#45

1,2-Dichloropropane

Concen: 53.604 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

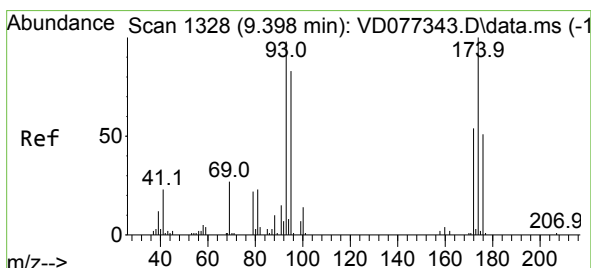
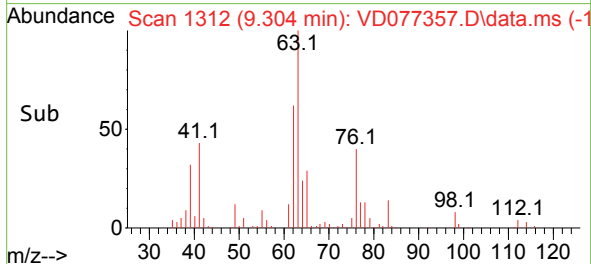
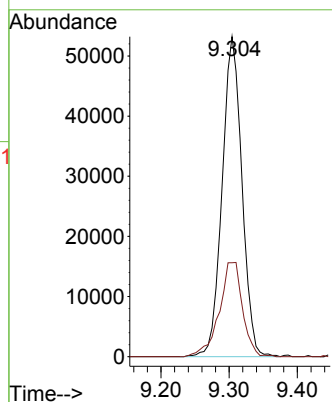
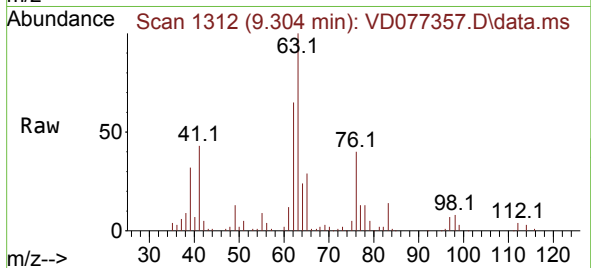
ClientSampleId :

Tgt Ion: 63 Resp: 107583

Ion Ratio Lower Upper

63 100

65 29.4 24.5 36.7



#46

Dibromomethane

Concen: 49.661 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

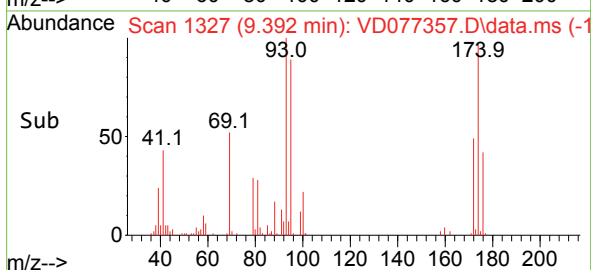
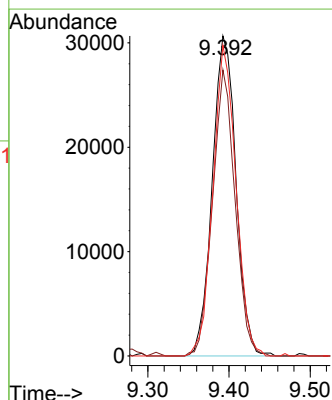
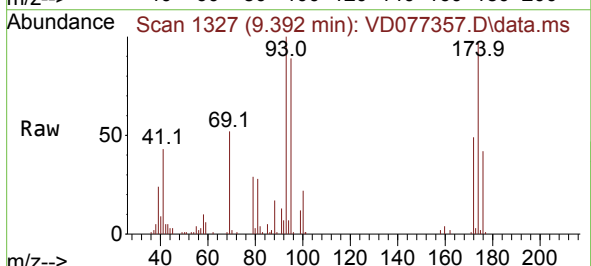
Tgt Ion: 93 Resp: 62311

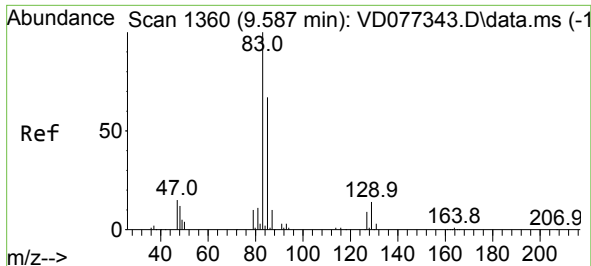
Ion Ratio Lower Upper

93 100

95 85.2 67.7 101.5

174 94.3 85.4 128.2

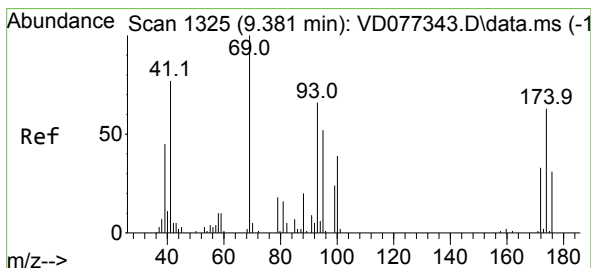
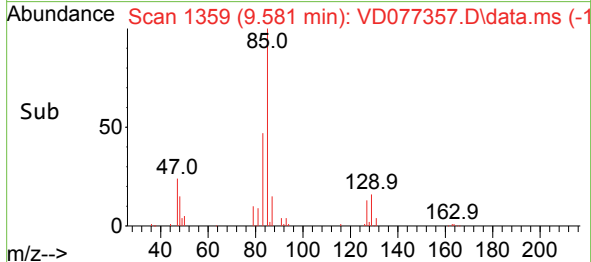
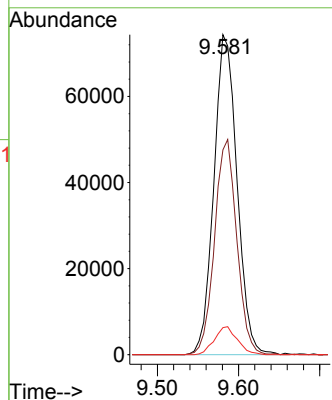
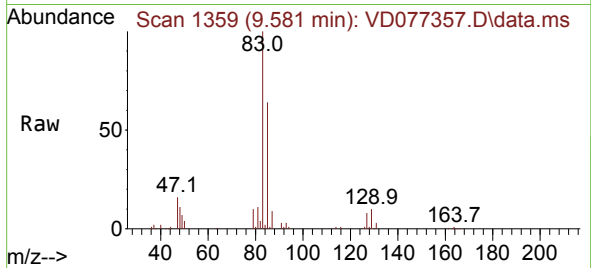




#47
Bromodichloromethane
Concen: 49.305 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

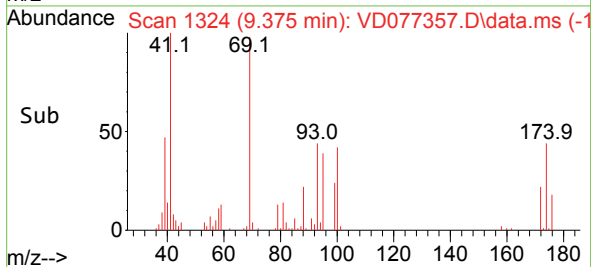
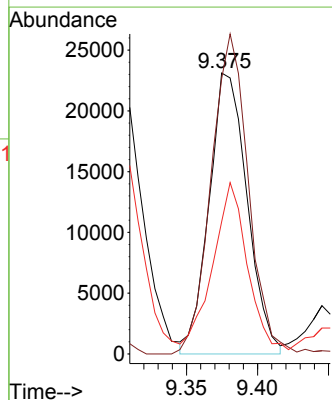
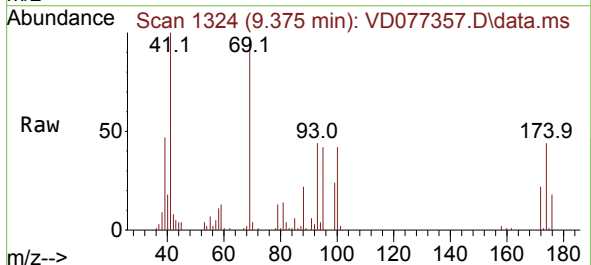
Instrument :
MSVOA_D
ClientSampleId :

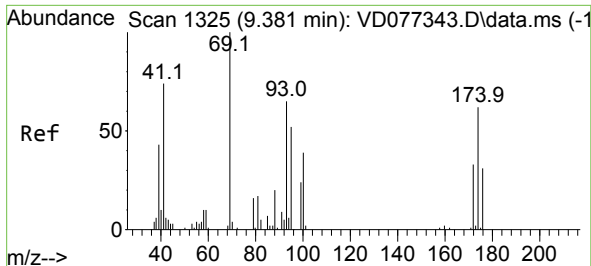
Tgt Ion: 83 Resp: 147515
Ion Ratio Lower Upper
83 100
85 64.0 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 58.675 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion: 41 Resp: 43064
Ion Ratio Lower Upper
41 100
69 111.7 102.2 153.2
39 53.2 41.4 62.2





#49

1,4-Dioxane

Concen: 1049.028 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

ClientSampleId :

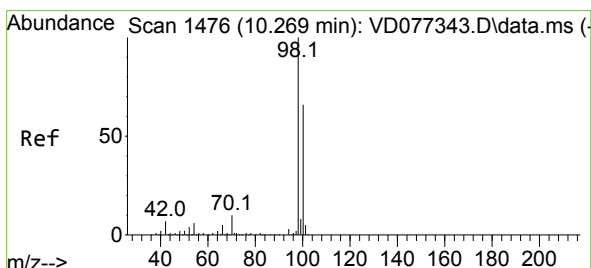
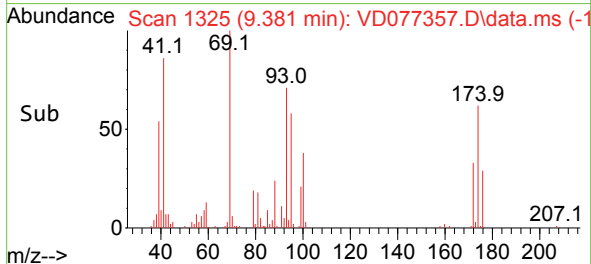
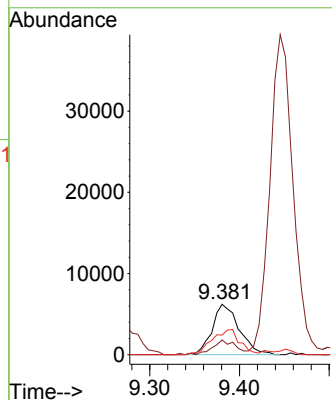
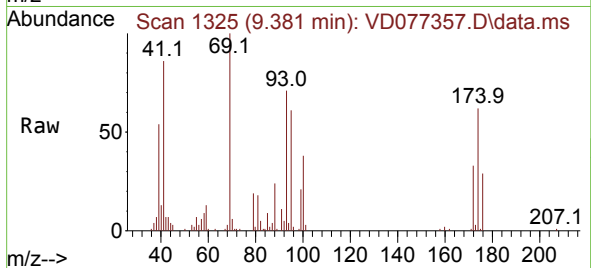
Tgt Ion: 88 Resp: 12953

Ion Ratio Lower Upper

88 100

43 25.2 19.0 28.6

58 51.7 43.5 65.3



#50

Toluene-d8

Concen: 48.275 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077357.D

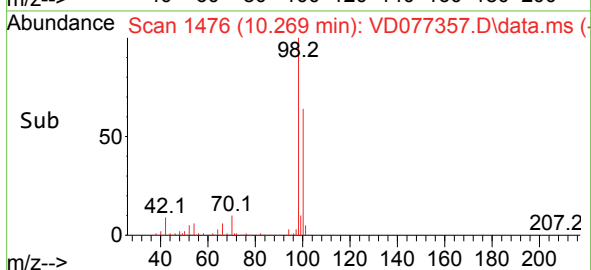
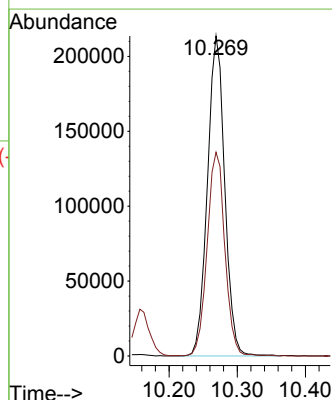
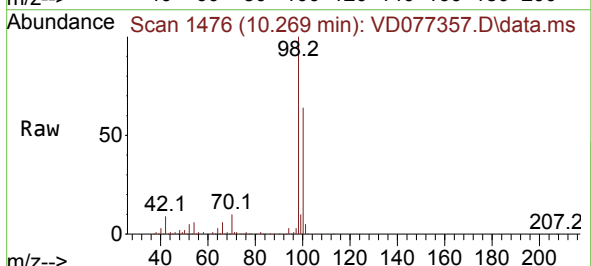
Acq: 19 Oct 2023 16:53

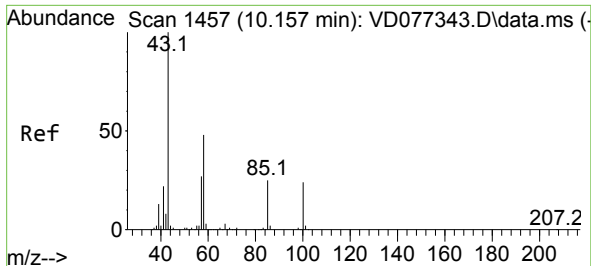
Tgt Ion: 98 Resp: 377489

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

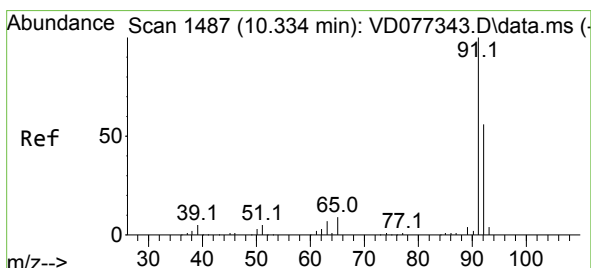
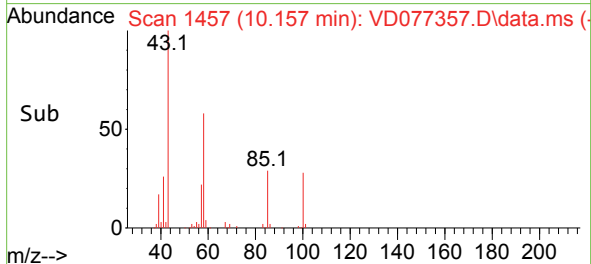
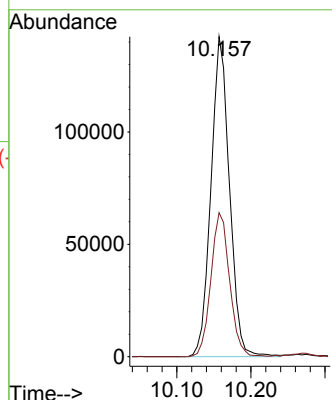
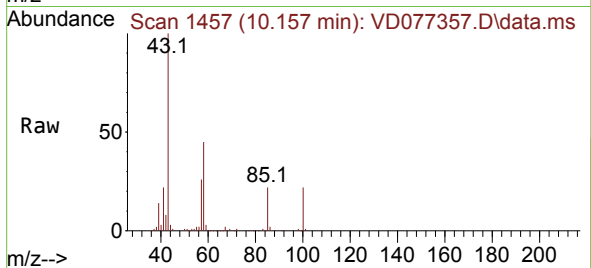




#51
4-Methyl-2-Pentanone
Concen: 303.437 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

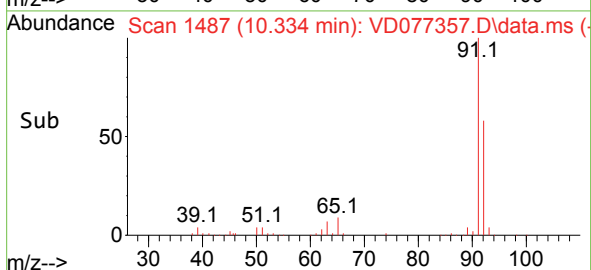
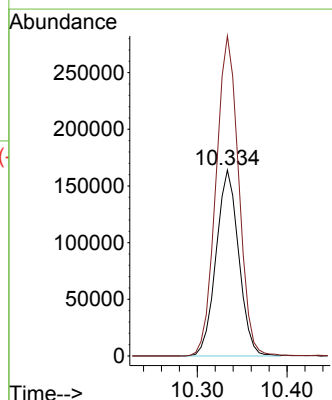
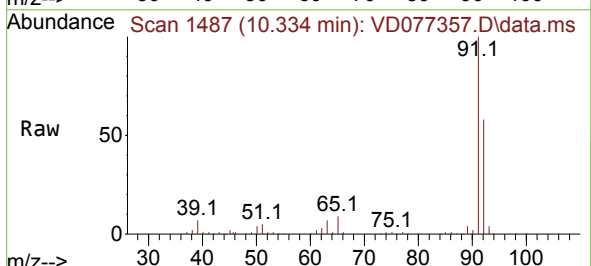
Instrument :
MSVOA_D
ClientSampleId :

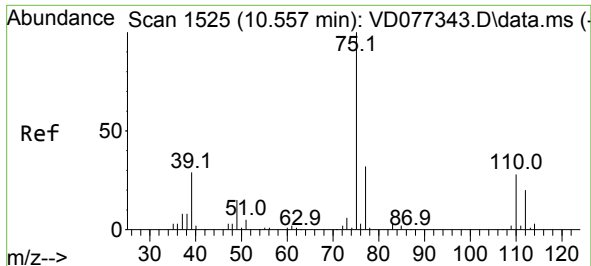
Tgt Ion: 43 Resp: 246778
Ion Ratio Lower Upper
43 100
58 45.6 38.9 58.3



#52
Toluene
Concen: 50.489 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion: 92 Resp: 287012
Ion Ratio Lower Upper
92 100
91 173.4 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 52.412 ug/l

RT: 10.551 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

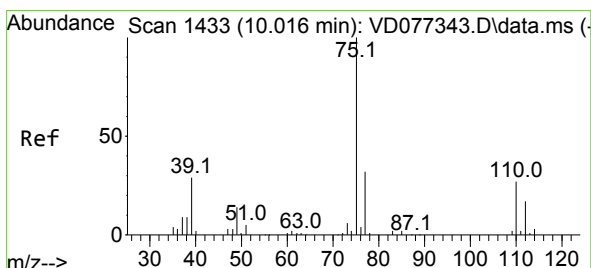
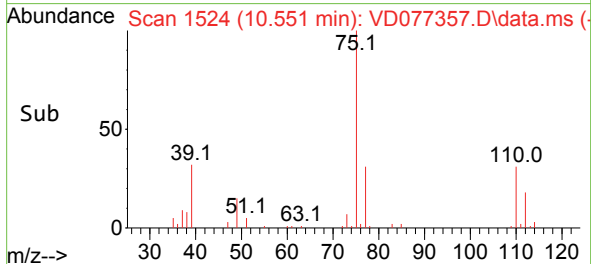
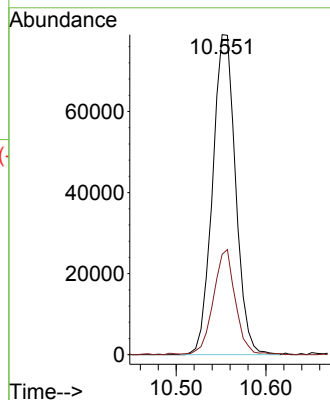
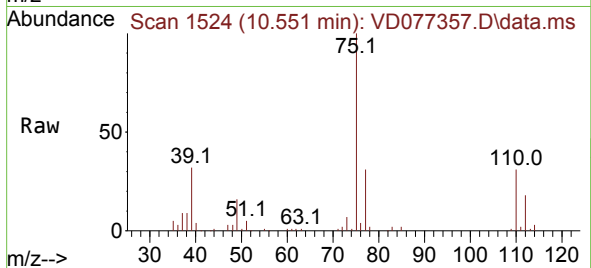
ClientSampleId :

Tgt Ion: 75 Resp: 140757

Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 50.559 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

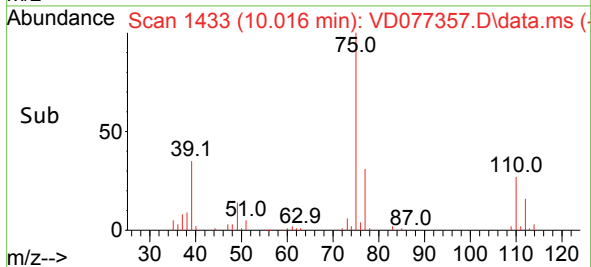
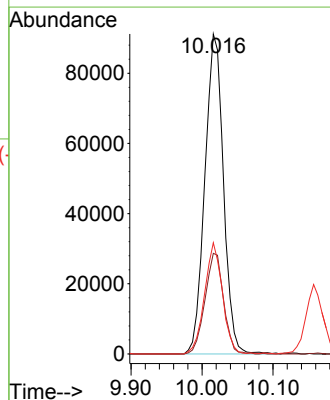
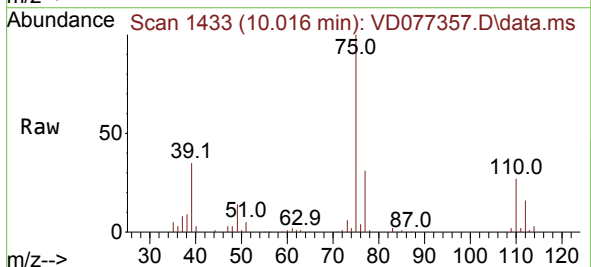
Tgt Ion: 75 Resp: 166130

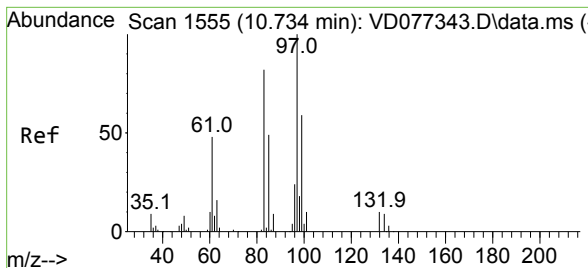
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 34.8 22.1 33.1#

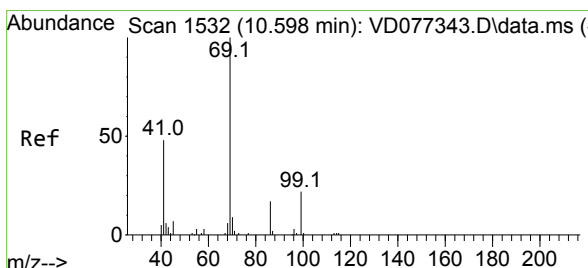
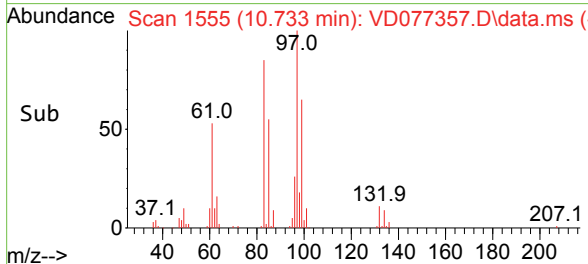
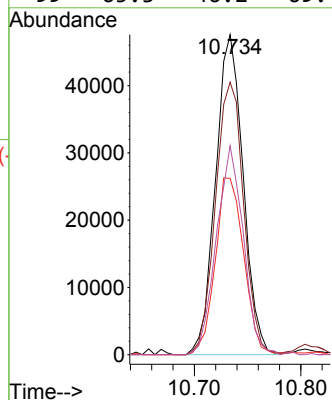
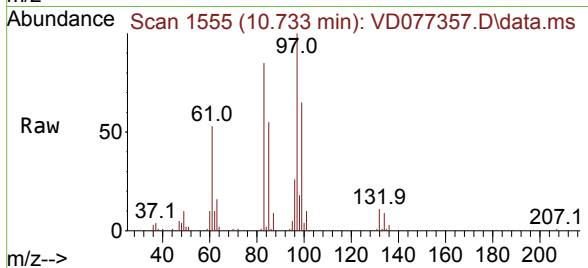




#55
 1,1,2-Trichloroethane
 Concen: 49.257 ug/l
 RT: 10.733 min Scan# 1555
 Delta R.T. -0.001 min
 Lab File: VD077357.D
 Acq: 19 Oct 2023 16:53

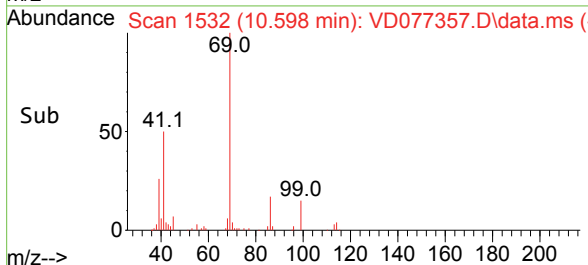
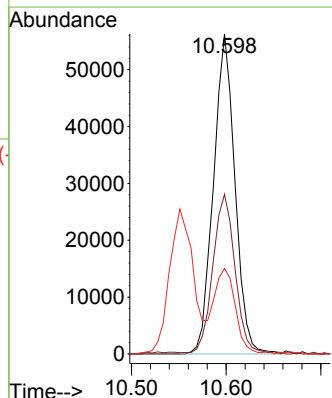
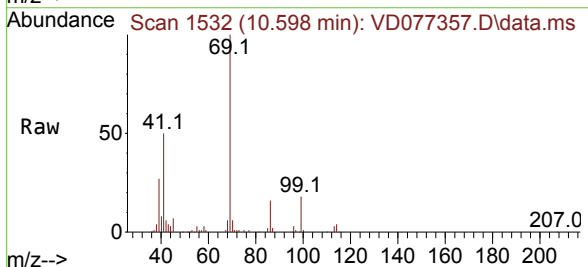
Instrument :
 MSVOA_D
 ClientSampleId :

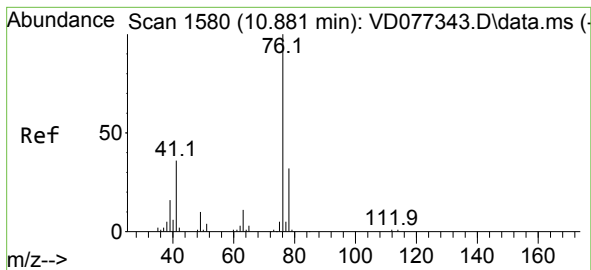
Tgt Ion: 97	Resp: 85602
Ion Ratio	Lower Upper
97 100	
83 85.1	65.8 98.6
85 55.1	45.7 68.5
99 65.3	46.2 69.4



#56
 Ethyl methacrylate
 Concen: 53.456 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD077357.D
 Acq: 19 Oct 2023 16:53

Tgt Ion: 69	Resp: 88782
Ion Ratio	Lower Upper
69 100	
41 52.0	39.1 58.7
39 28.3	20.0 30.0





#57

1,3-Dichloropropane

Concen: 51.861 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

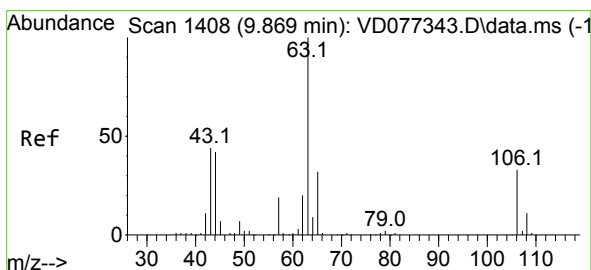
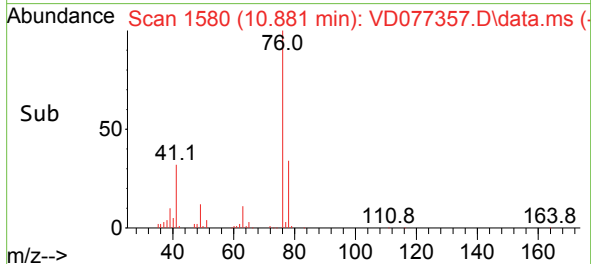
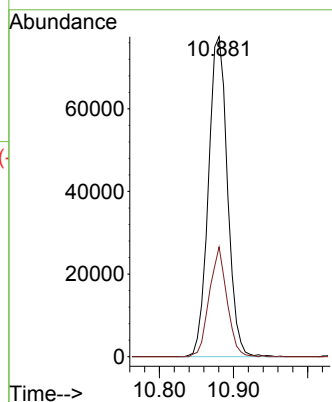
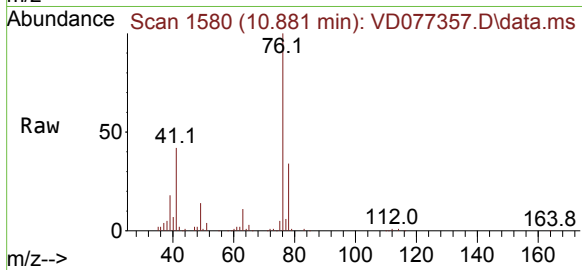
ClientSampleId :

Tgt Ion: 76 Resp: 138444

Ion Ratio Lower Upper

76 100

78 31.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 273.144 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077357.D

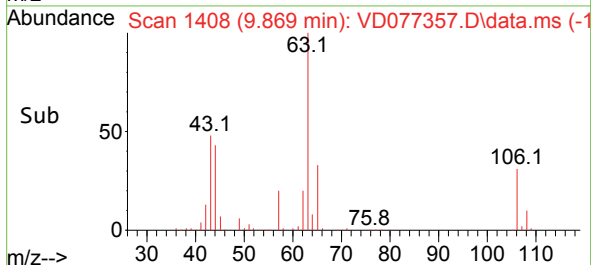
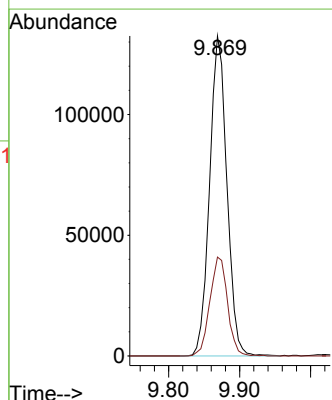
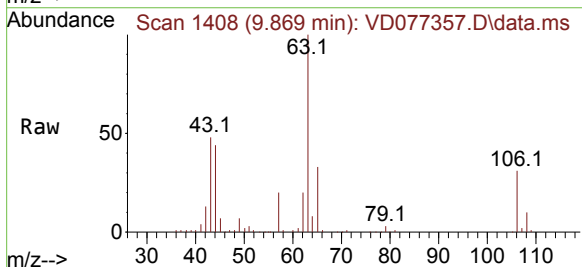
Acq: 19 Oct 2023 16:53

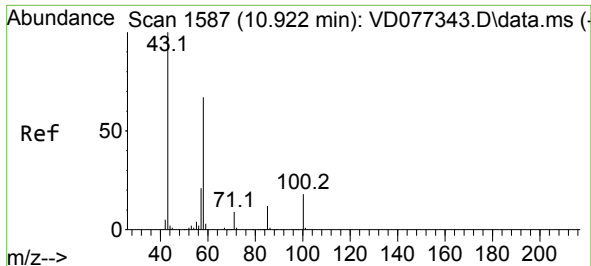
Tgt Ion: 63 Resp: 224341

Ion Ratio Lower Upper

63 100

106 31.5 25.3 37.9

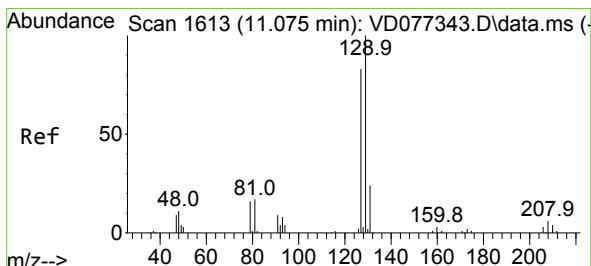
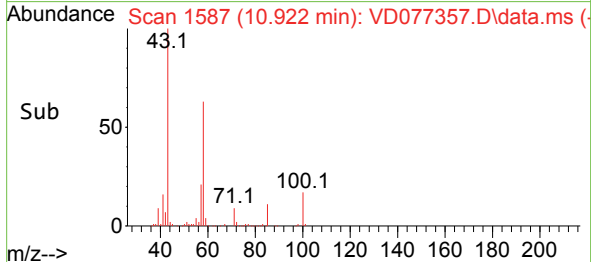
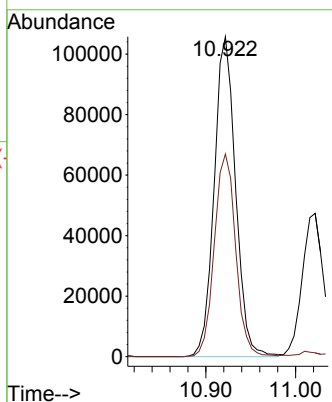
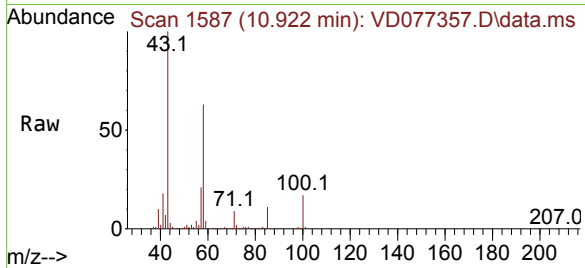




#59
2-Hexanone
Concen: 299.854 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

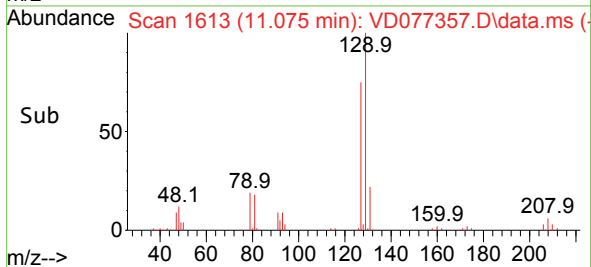
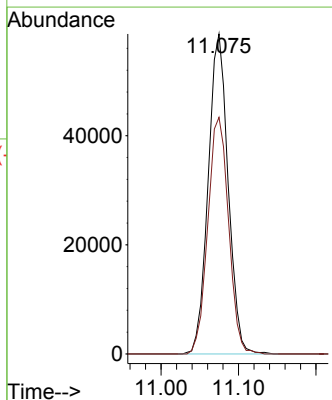
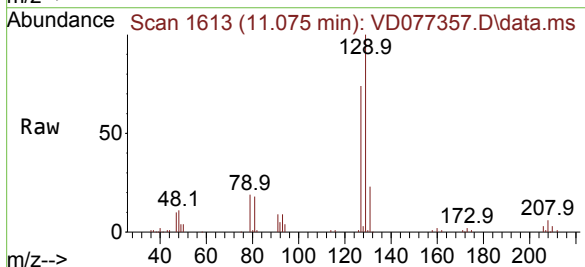
Instrument :
MSVOA_D
ClientSampleId :

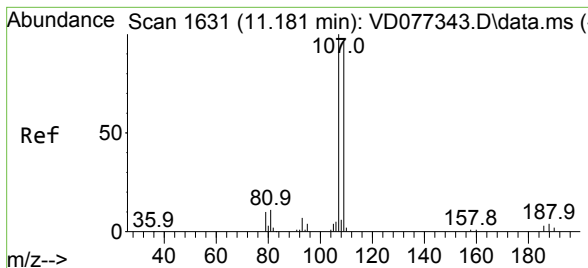
Tgt Ion: 43 Resp: 175147
Ion Ratio Lower Upper
43 100
58 63.3 34.1 102.2



#60
Dibromochloromethane
Concen: 47.213 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion:129 Resp: 104768
Ion Ratio Lower Upper
129 100
127 76.9 37.1 111.5

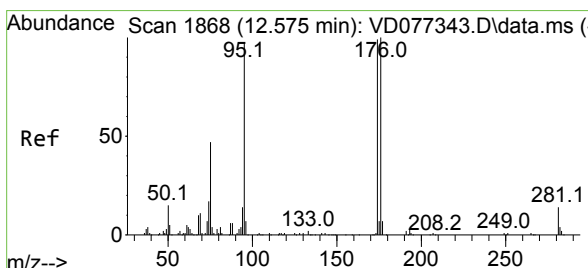
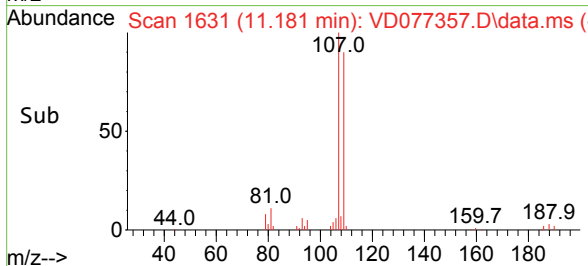
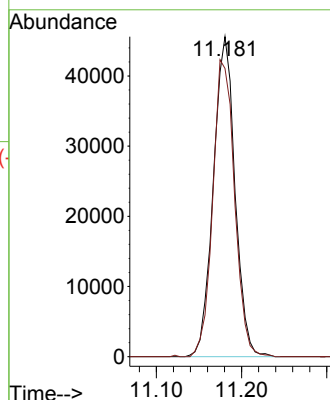
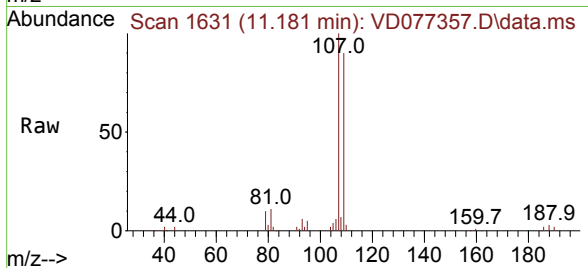




#61
1,2-Dibromoethane
Concen: 49.078 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

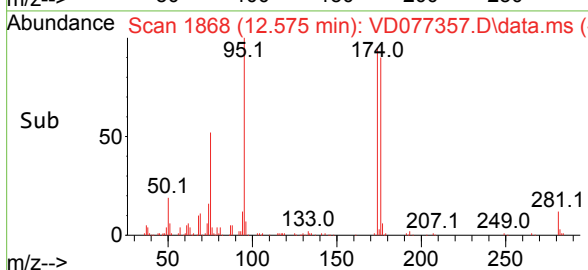
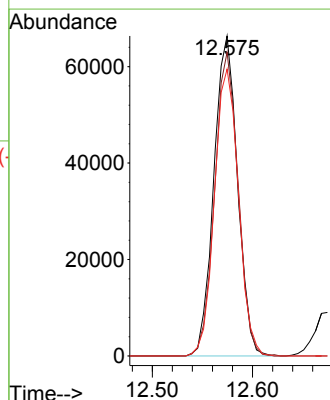
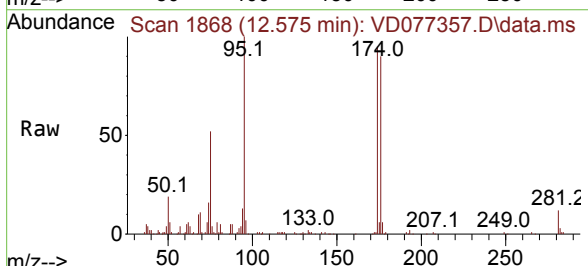
Instrument :
MSVOA_D
ClientSampleId :

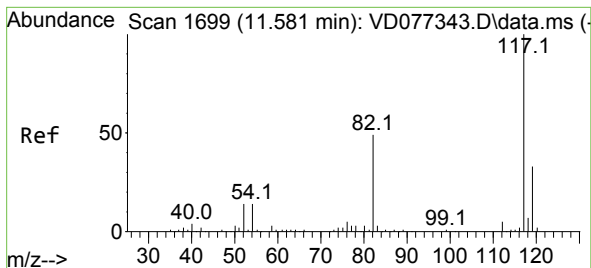
Tgt Ion:107 Resp: 80370
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.303 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion: 95 Resp: 108726
Ion Ratio Lower Upper
95 100
174 93.9 0.0 201.8
176 91.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

ClientSampleId :

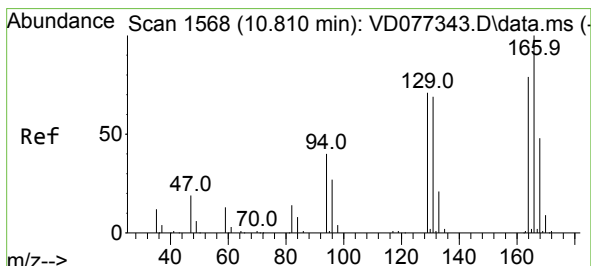
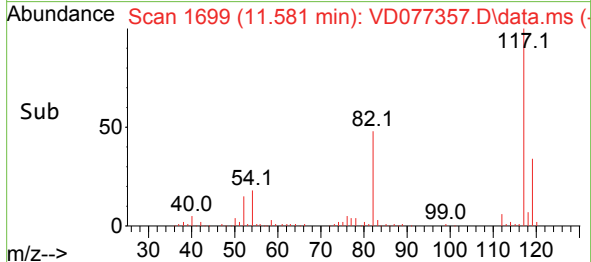
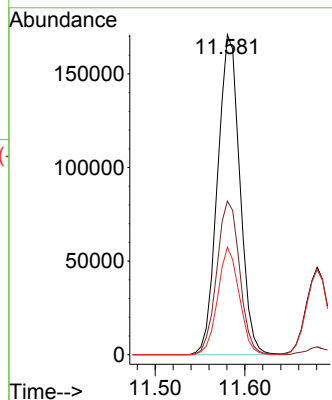
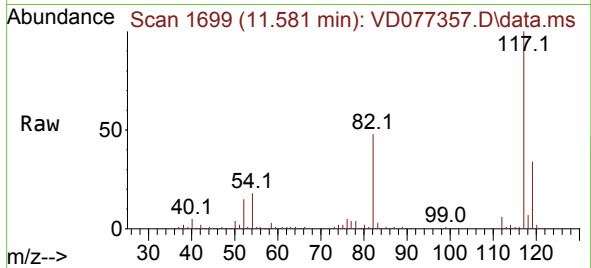
Tgt Ion:117 Resp: 294868

Ion Ratio Lower Upper

117 100

82 48.0 38.3 57.5

119 33.6 25.0 37.4



#64

Tetrachloroethene

Concen: 43.021 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Tgt Ion:164 Resp: 94288

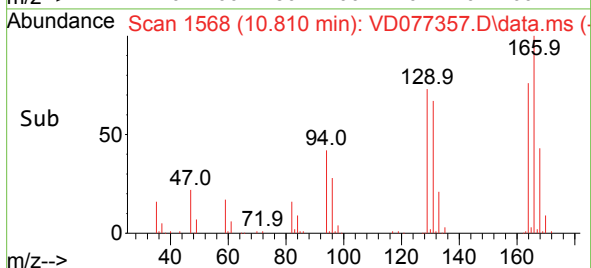
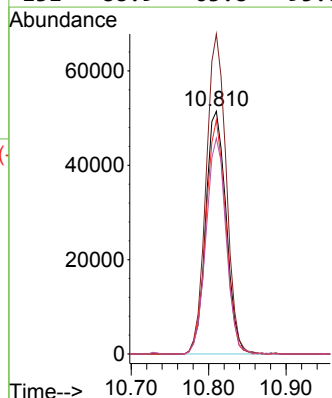
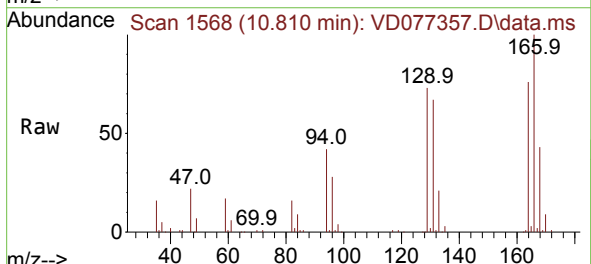
Ion Ratio Lower Upper

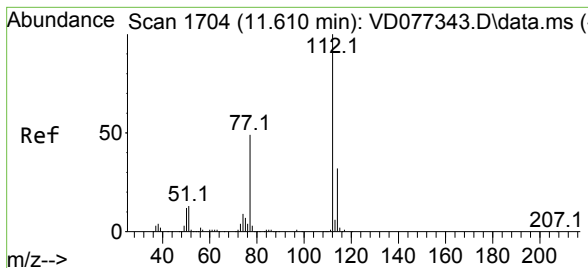
164 100

166 131.8 99.2 148.8

129 96.4 68.4 102.6

131 88.9 63.8 95.8

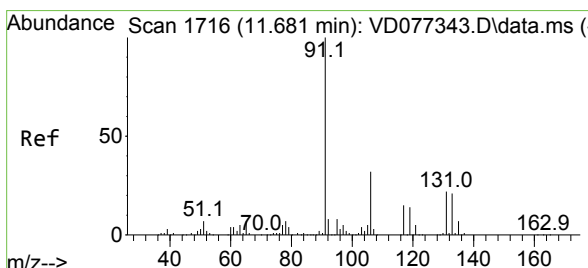
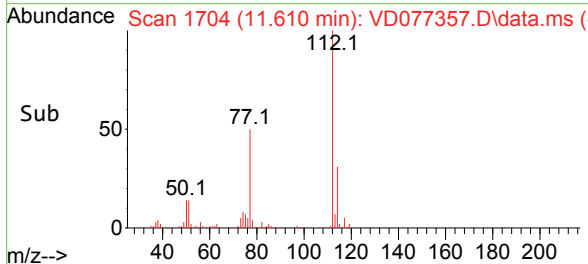
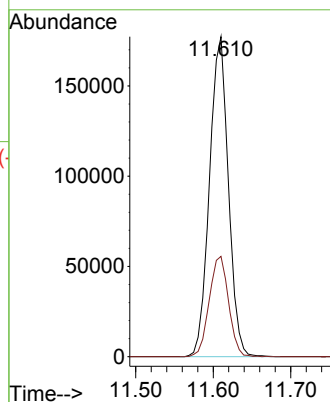
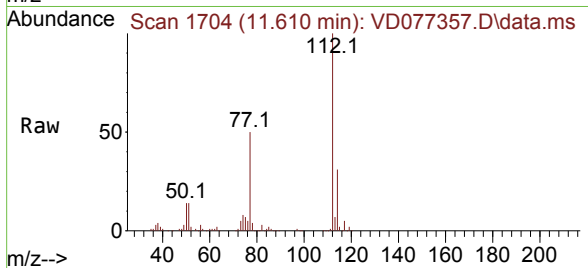




#65
Chlorobenzene
Concen: 46.669 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

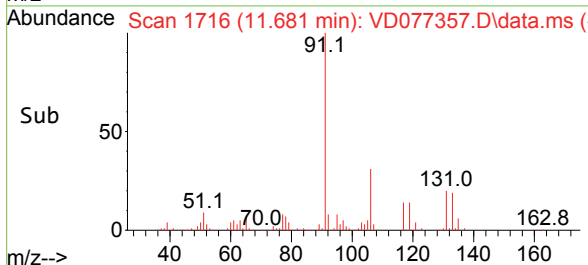
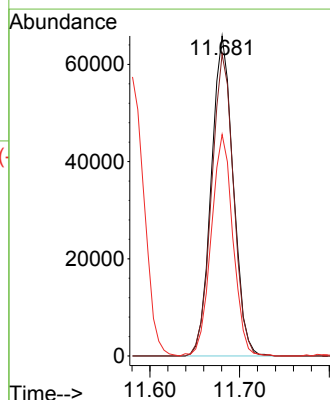
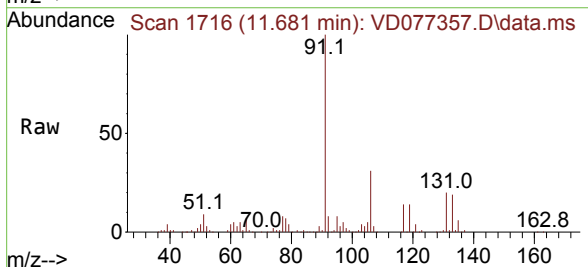
Instrument :
MSVOA_D
ClientSampleId :

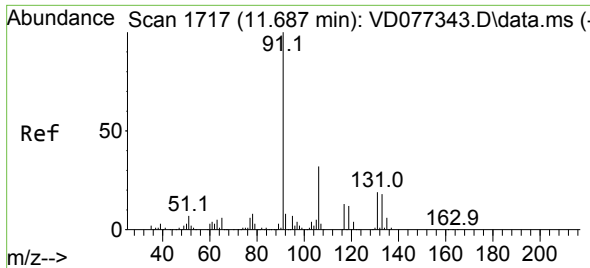
Tgt Ion:112 Resp: 299954
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 45.809 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion:131 Resp: 111920
Ion Ratio Lower Upper
131 100
133 94.6 48.5 145.5
119 68.4 35.6 106.9

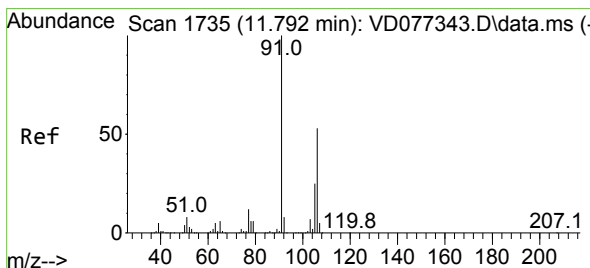
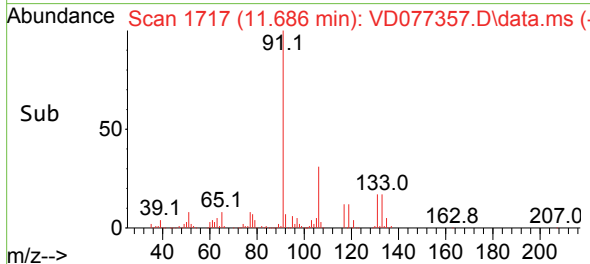
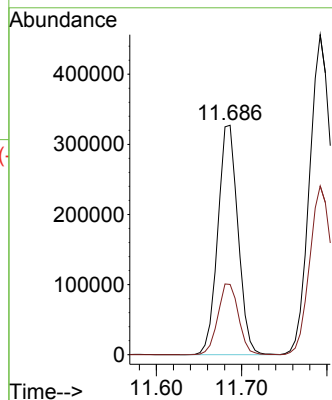
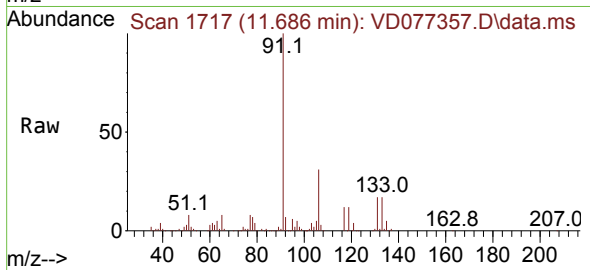




#67
Ethyl Benzene
Concen: 50.551 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.001 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

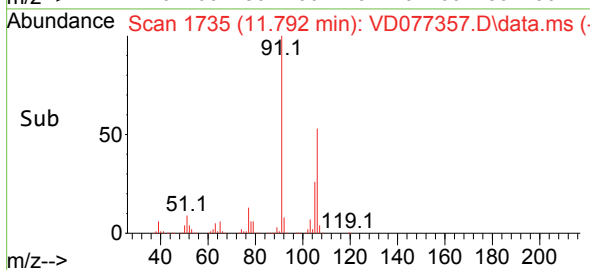
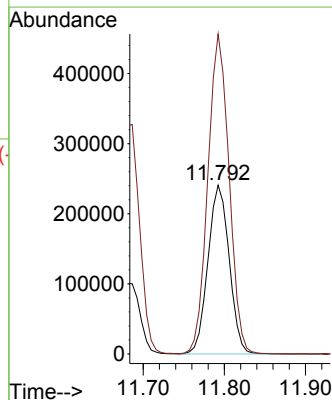
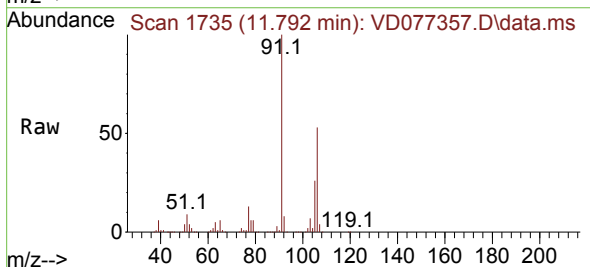
Instrument :
MSVOA_D
ClientSampleId :

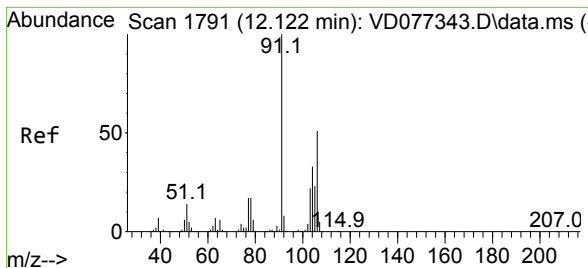
Tgt Ion: 91 Resp: 538590
Ion Ratio Lower Upper
91 100
106 30.6 26.5 39.7



#68
m/p-Xylenes
Concen: 100.021 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion:106 Resp: 437601
Ion Ratio Lower Upper
106 100
91 189.3 147.0 220.6

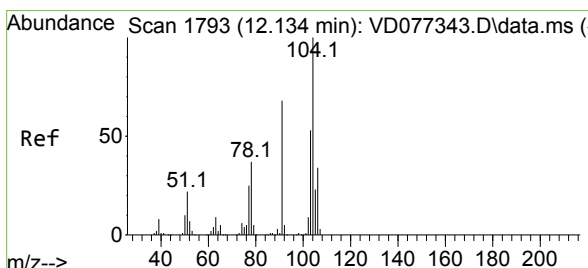
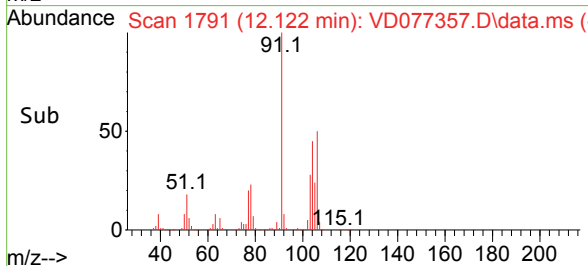
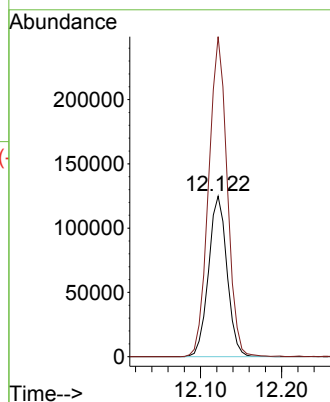
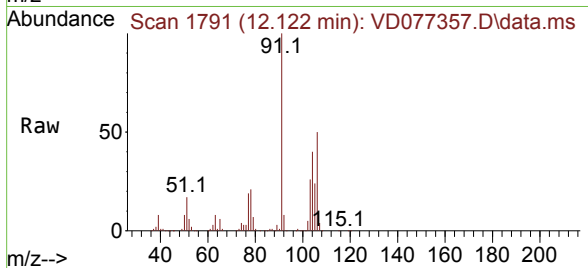




#69
o-Xylene
Concen: 48.961 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

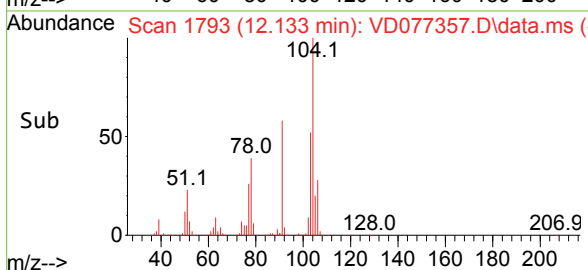
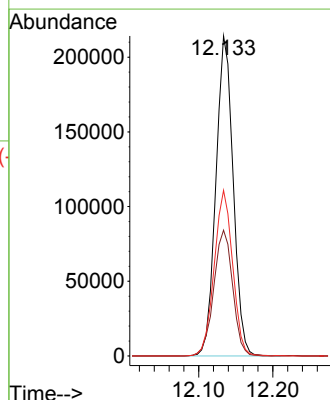
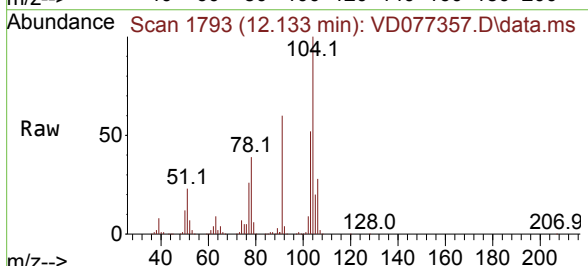
Instrument :
MSVOA_D
ClientSampleId :

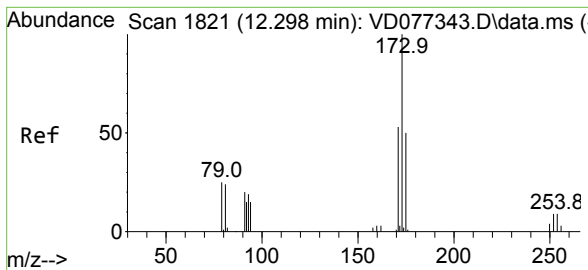
Tgt Ion:106 Resp: 197194
Ion Ratio Lower Upper
106 100
91 200.2 97.9 293.6



#70
Styrene
Concen: 50.569 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion:104 Resp: 347488
Ion Ratio Lower Upper
104 100
78 42.9 33.2 49.8
103 55.1 43.6 65.4

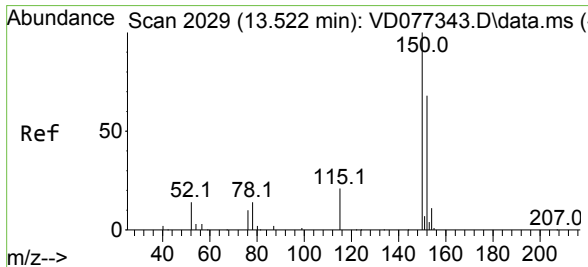
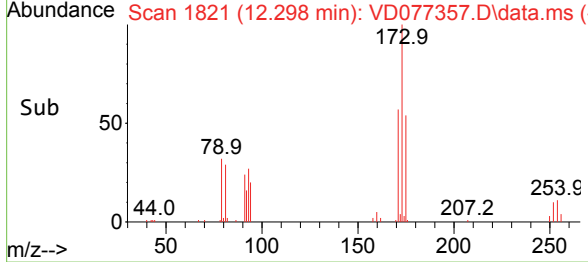
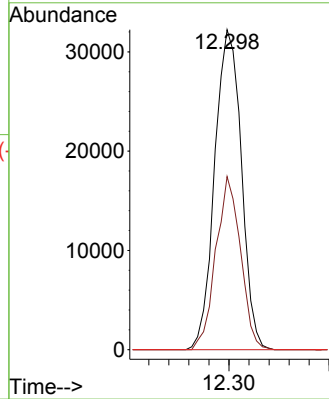
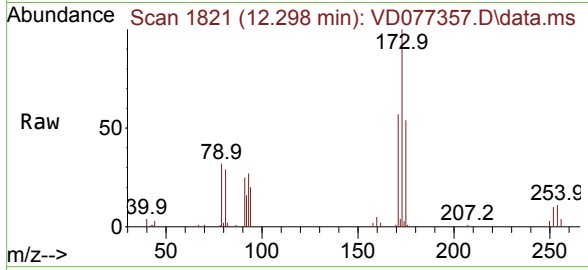




#71
Bromoform
Concen: 44.410 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

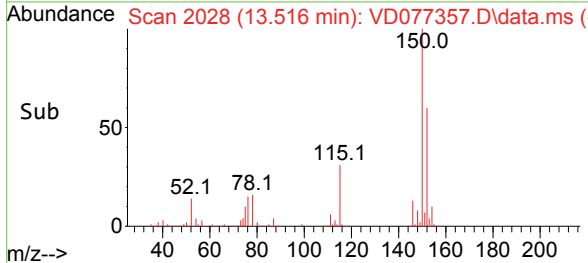
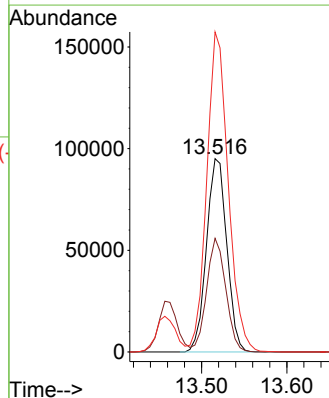
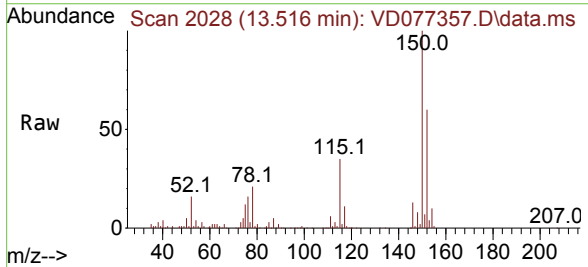
Instrument :
MSVOA_D
ClientSampleId :

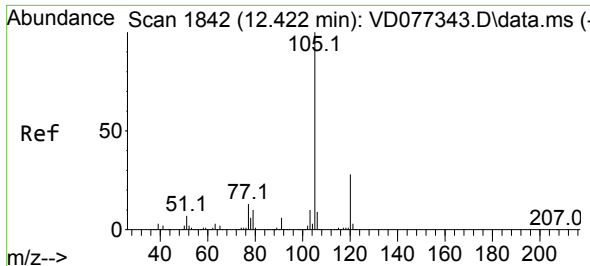
Tgt Ion:173 Resp: 59478
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

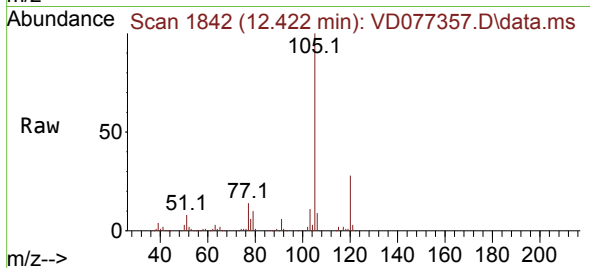
Tgt Ion:152 Resp: 157485
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 174.7 0.0 353.6



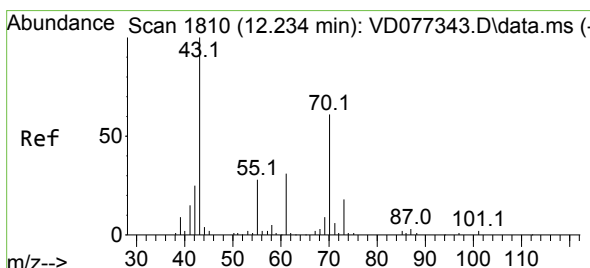
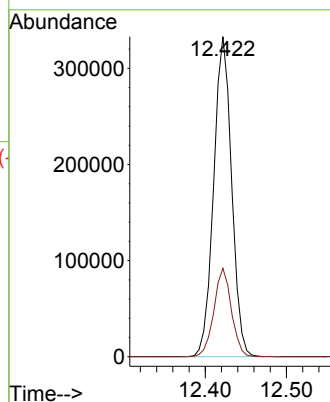
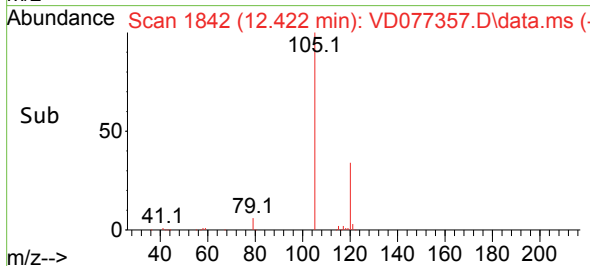


#73
Isopropylbenzene
Concen: 49.064 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Instrument :
MSVOA_D
ClientSampleId :

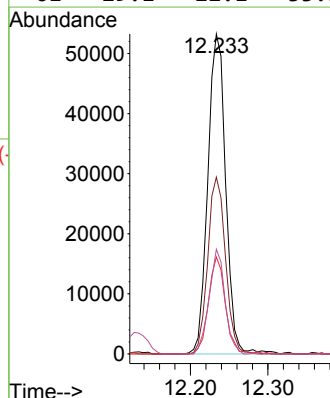
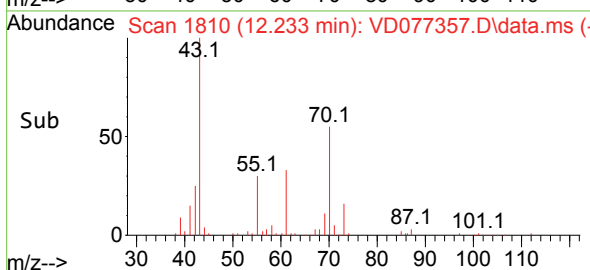
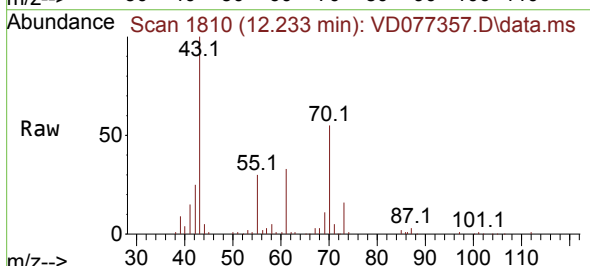


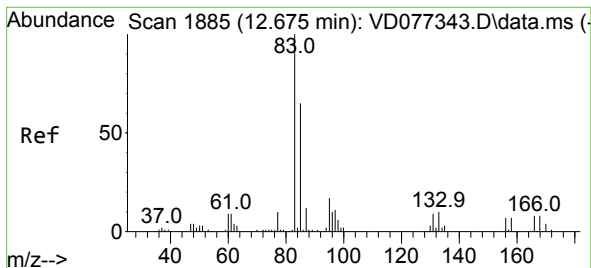
Tgt Ion:105 Resp: 511093
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 57.017 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion: 43 Resp: 85443
Ion Ratio Lower Upper
43 100
70 54.6 45.0 67.4
55 28.8 23.8 35.6
61 29.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.035 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

ClientSampleId :

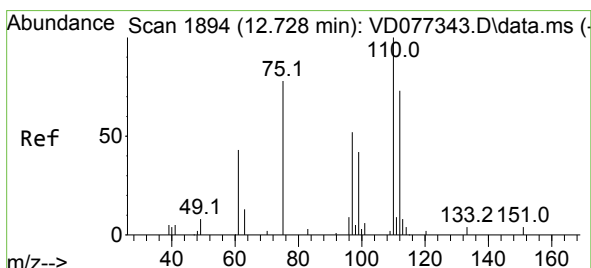
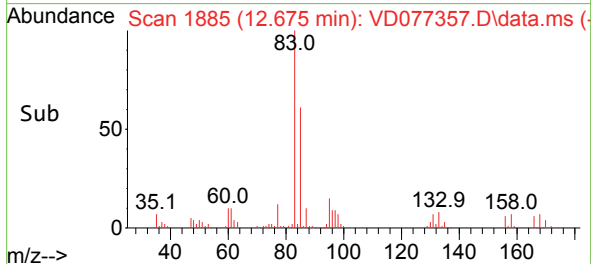
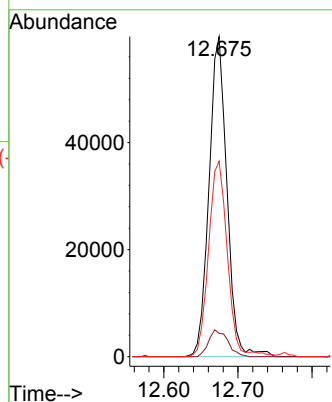
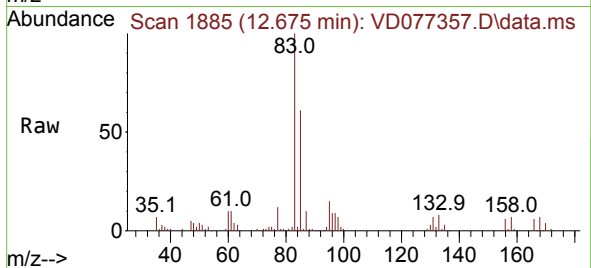
Tgt Ion: 83 Resp: 100390

Ion Ratio Lower Upper

83 100

131 8.9 5.1 15.3

85 64.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 54.655 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD077357.D

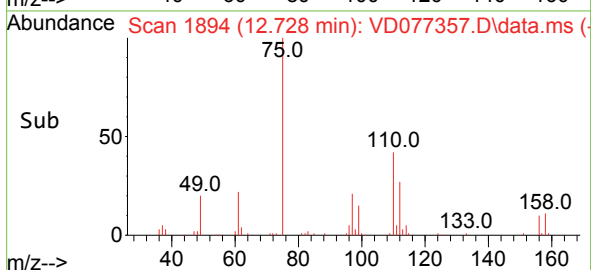
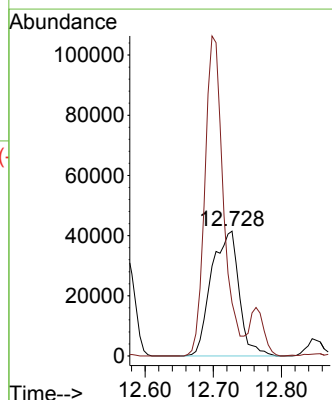
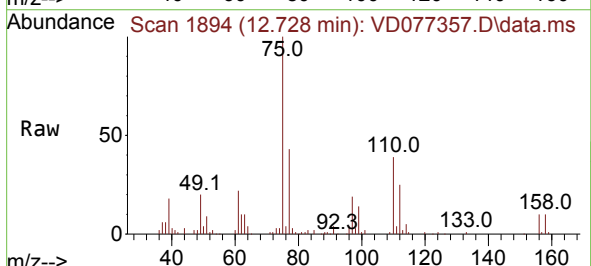
Acq: 19 Oct 2023 16:53

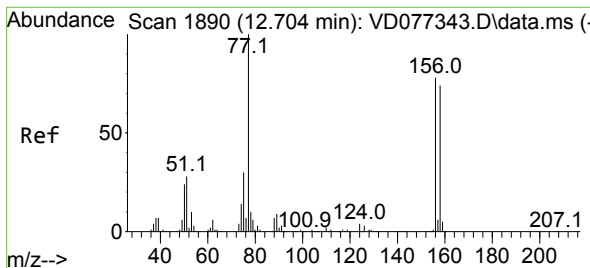
Tgt Ion: 75 Resp: 117427

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.514 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

ClientSampleId :

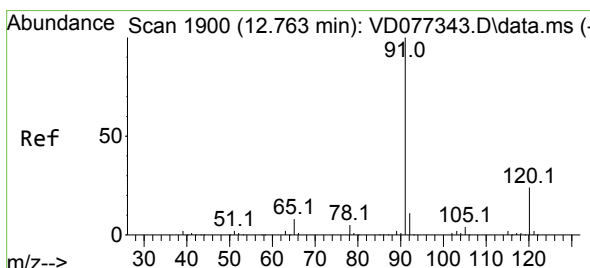
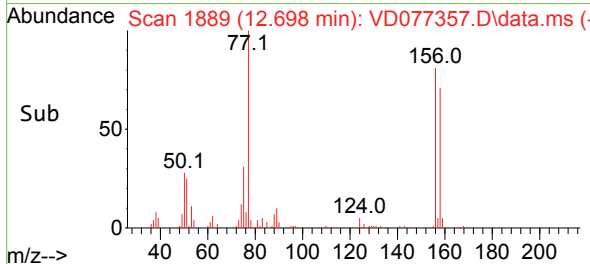
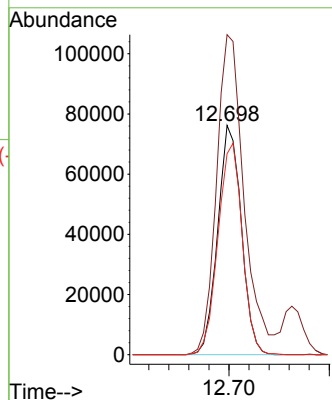
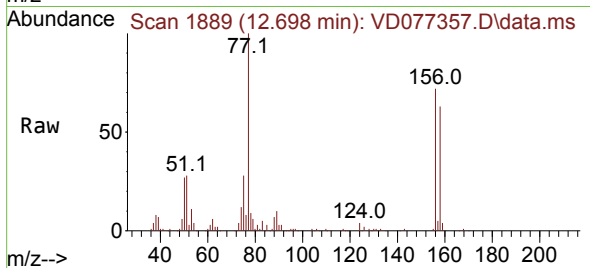
Tgt Ion:156 Resp: 124468

Ion Ratio Lower Upper

156 100

77 162.6 76.8 230.4

158 94.8 48.6 145.9



#78

n-propylbenzene

Concen: 51.769 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD077357.D

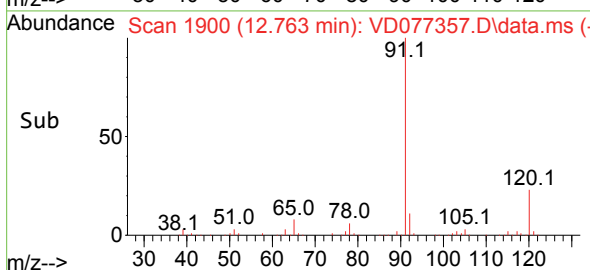
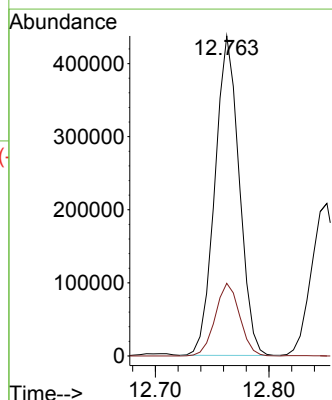
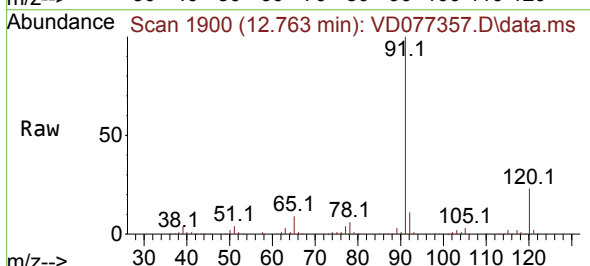
Acq: 19 Oct 2023 16:53

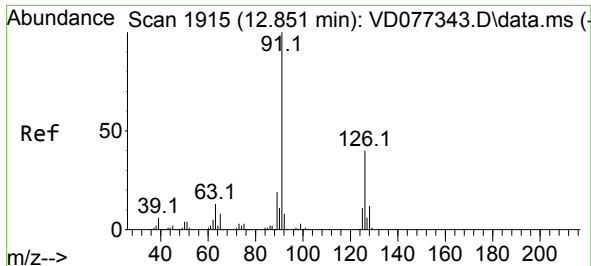
Tgt Ion: 91 Resp: 649446

Ion Ratio Lower Upper

91 100

120 22.9 12.4 37.2

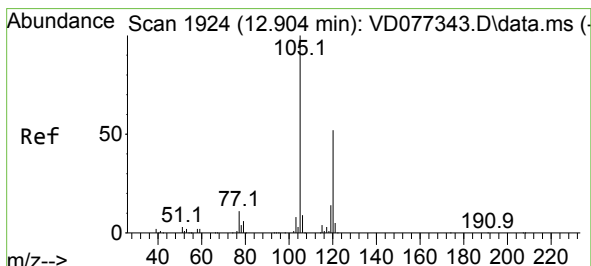
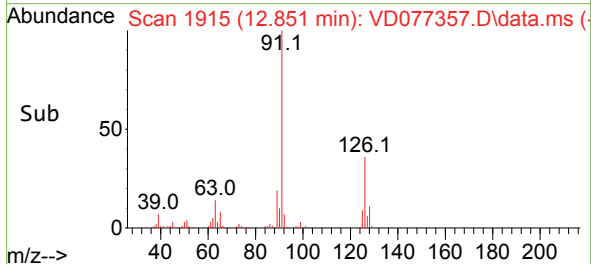
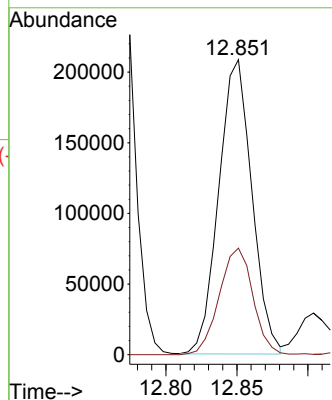
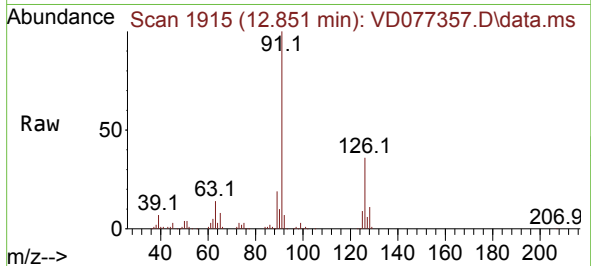




#79
2-Chlorotoluene
Concen: 49.575 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

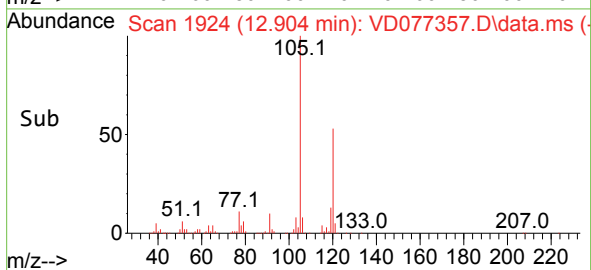
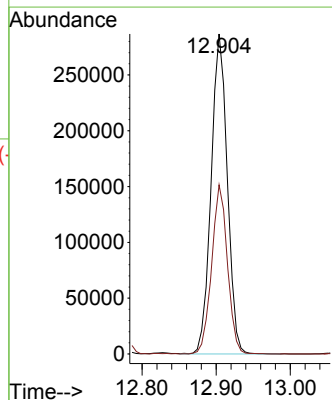
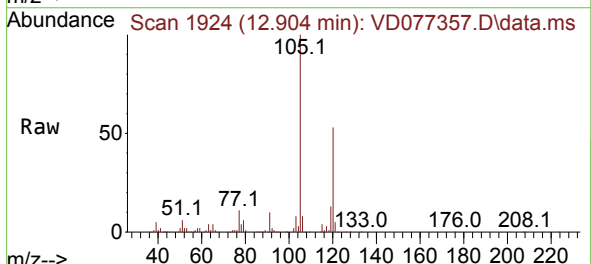
Instrument :
MSVOA_D
ClientSampleId :

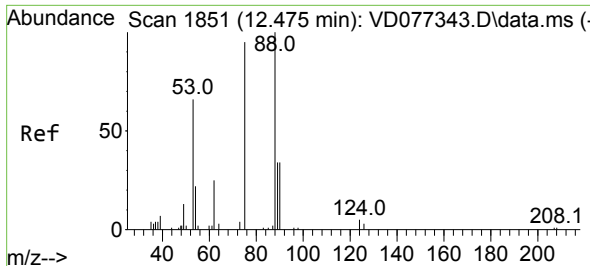
Tgt Ion: 91 Resp: 338752
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 50.560 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

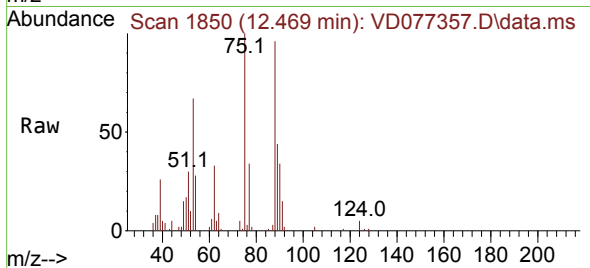
Tgt Ion: 105 Resp: 434617
Ion Ratio Lower Upper
105 100
120 51.5 26.4 79.2



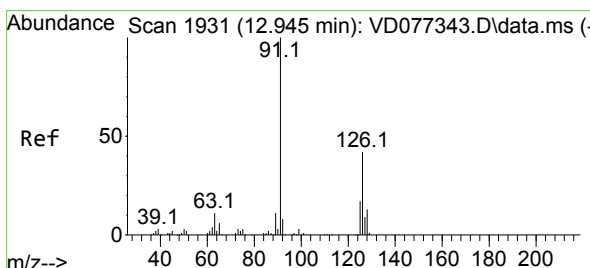
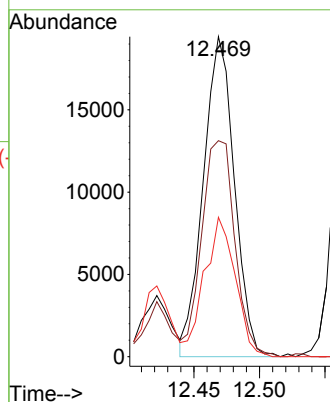
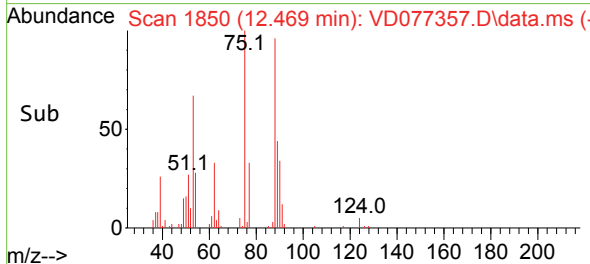


#81
trans-1,4-Dichloro-2-butene
Concen: 54.467 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Instrument :
MSVOA_D
ClientSampleId :

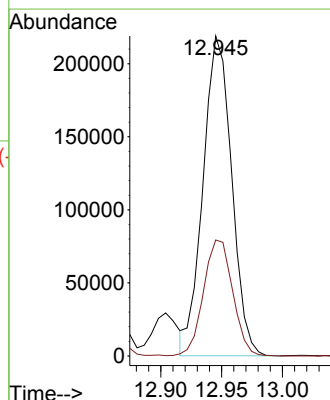
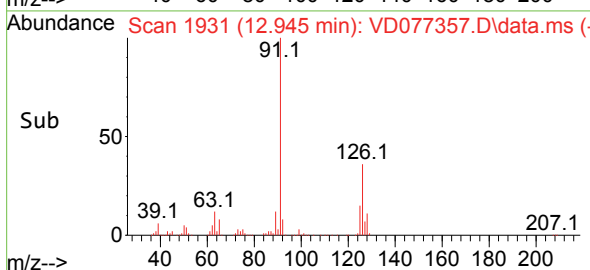
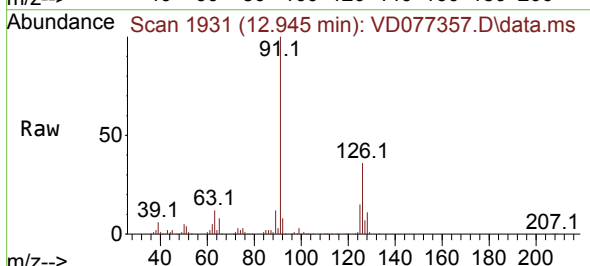


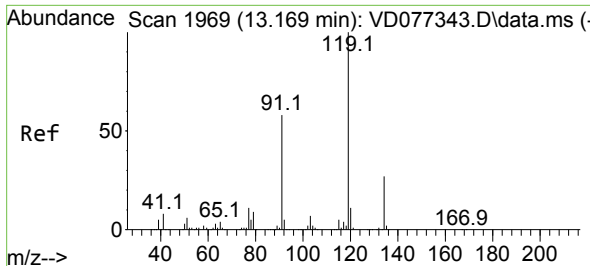
Tgt Ion: 75 Resp: 32012
Ion Ratio Lower Upper
75 100
53 72.5 63.0 94.4
89 43.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.281 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion: 91 Resp: 357704
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.4

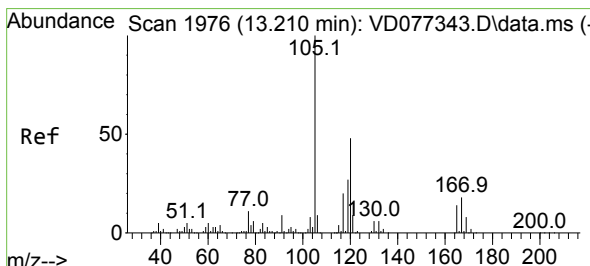
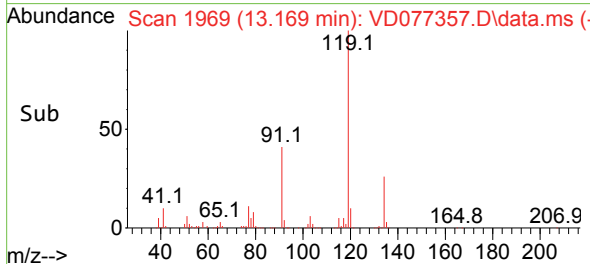
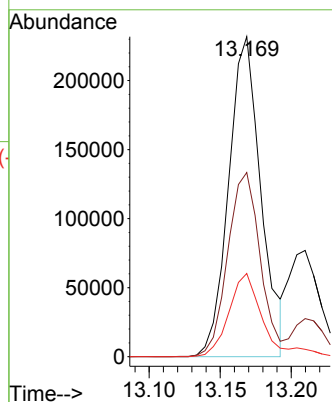
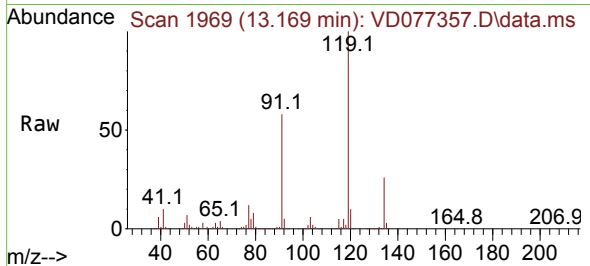




#83
 tert-Butylbenzene
 Concen: 48.115 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD077357.D
 Acq: 19 Oct 2023 16:53

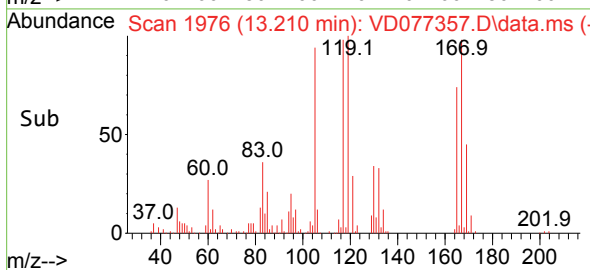
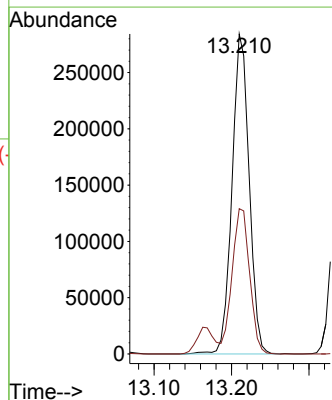
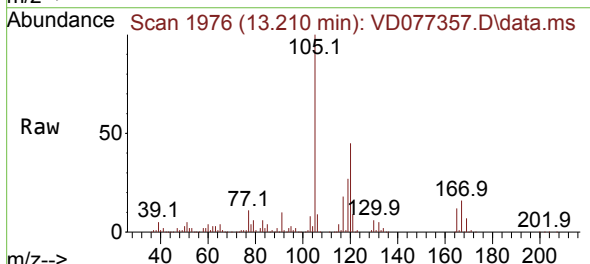
Instrument :
 MSVOA_D
 ClientSampleId :

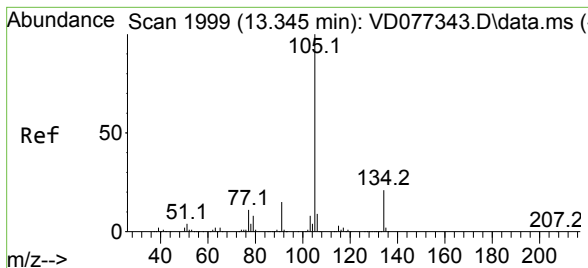
Tgt Ion:119 Resp: 366693
 Ion Ratio Lower Upper
 119 100
 91 57.8 29.3 87.8
 134 27.4 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 50.478 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD077357.D
 Acq: 19 Oct 2023 16:53

Tgt Ion:105 Resp: 436874
 Ion Ratio Lower Upper
 105 100
 120 46.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 50.494 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

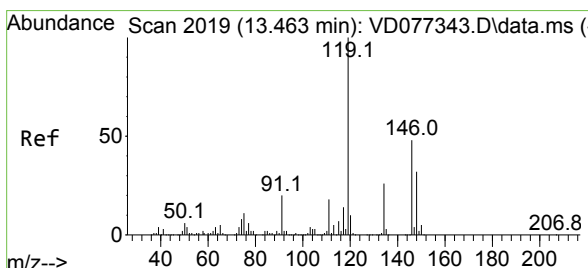
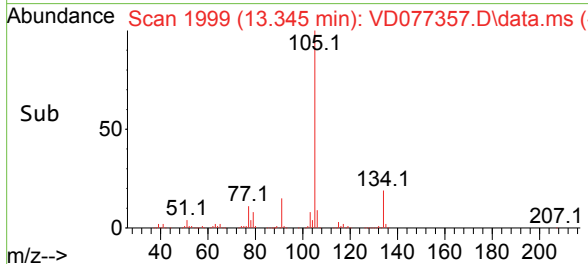
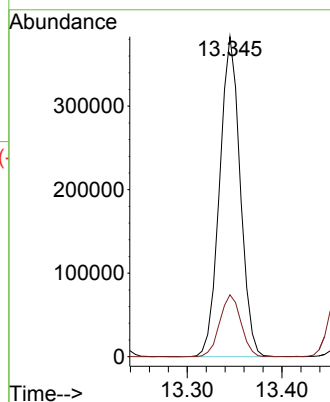
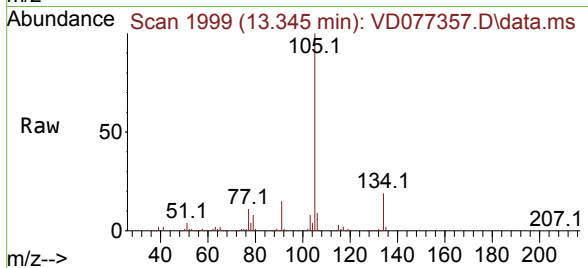
ClientSampleId :

Tgt Ion:105 Resp: 579077

Ion Ratio Lower Upper

105 100

134 19.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 49.487 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

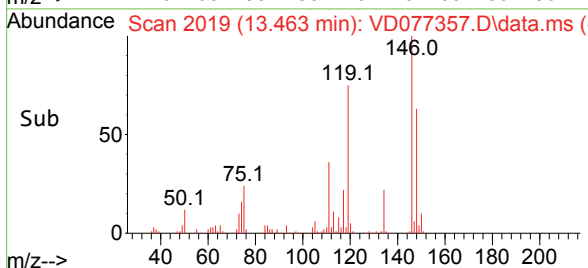
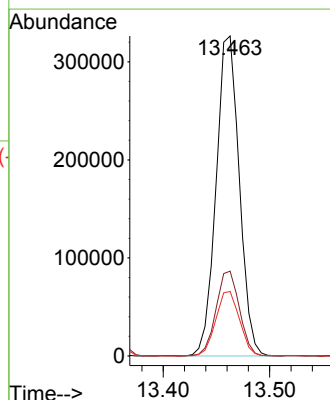
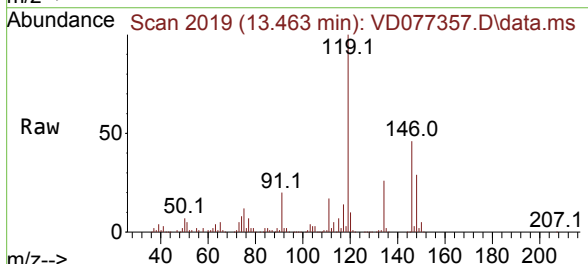
Tgt Ion:119 Resp: 493045

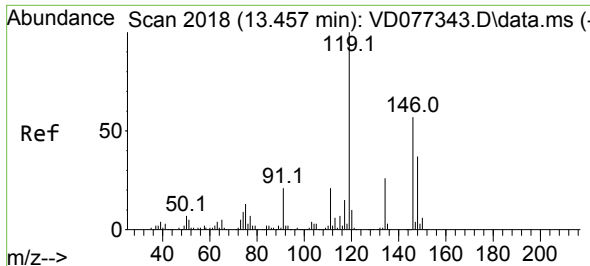
Ion Ratio Lower Upper

119 100

134 26.8 14.2 42.6

91 20.8 10.5 31.5

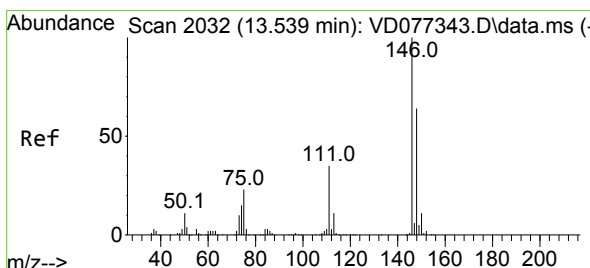
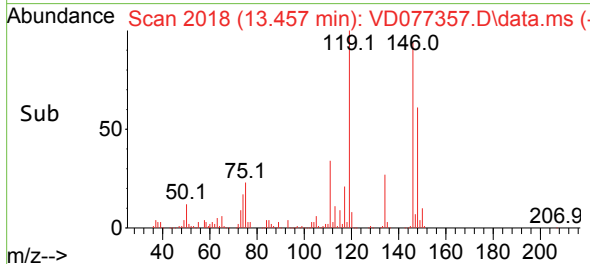
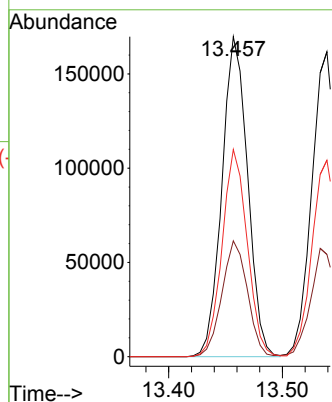
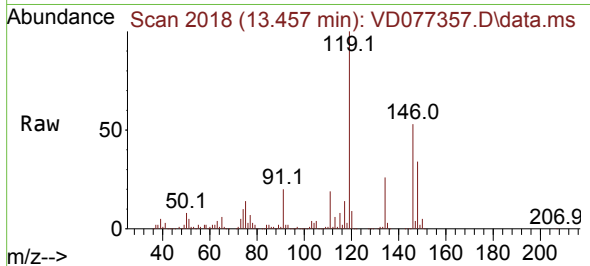




#87
1,3-Dichlorobenzene
Concen: 46.353 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

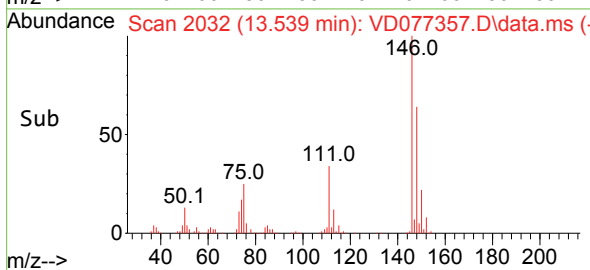
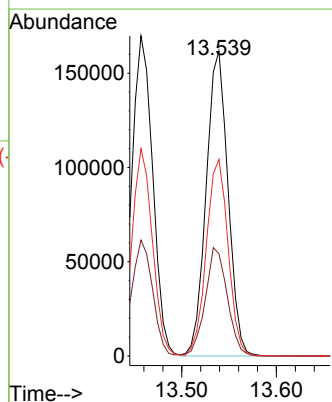
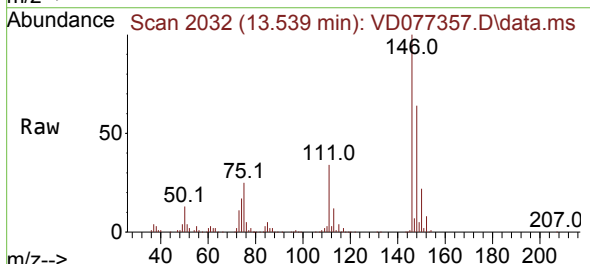
Instrument :
MSVOA_D
ClientSampleId :

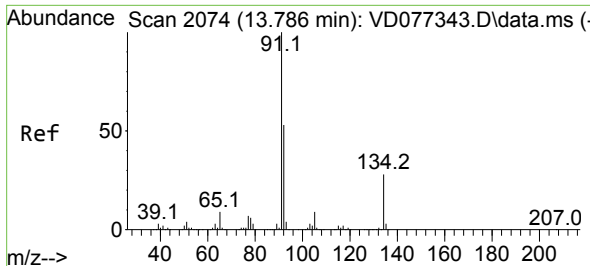
Tgt Ion:146 Resp: 266776
Ion Ratio Lower Upper
146 100
111 36.0 17.9 53.8
148 63.4 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 45.375 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion:146 Resp: 258785
Ion Ratio Lower Upper
146 100
111 36.0 17.4 52.3
148 64.5 31.7 95.1

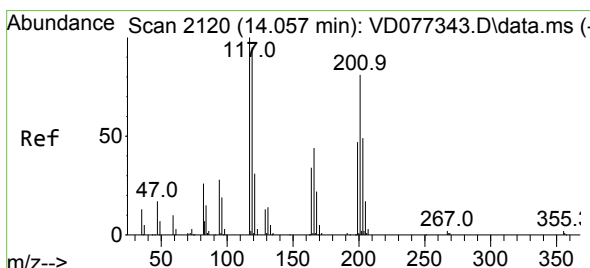
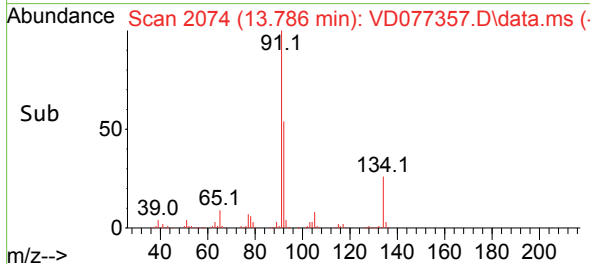
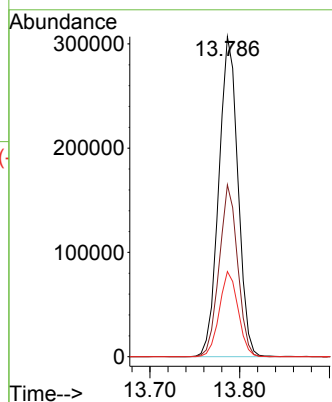
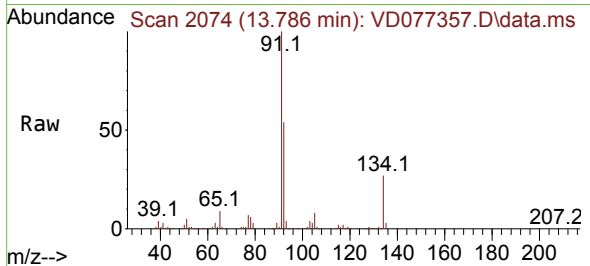




#89
n-Butylbenzene
Concen: 52.369 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

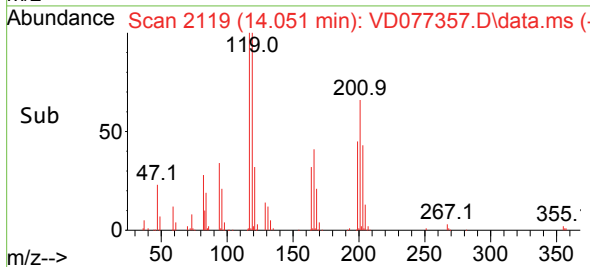
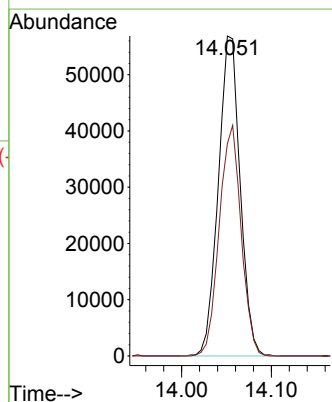
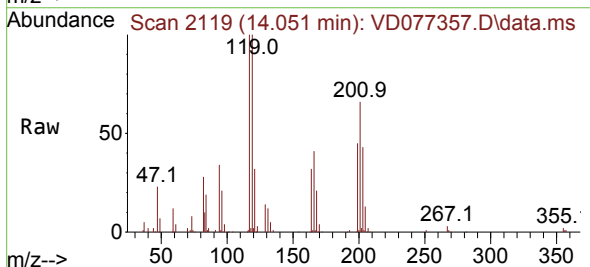
Instrument :
MSVOA_D
ClientSampleId :

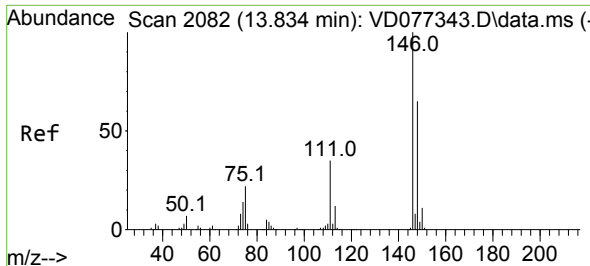
Tgt Ion: 91 Resp: 454319
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 26.2 13.8 41.3



#90
Hexachloroethane
Concen: 47.745 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion: 117 Resp: 96155
Ion Ratio Lower Upper
117 100
201 72.0 38.5 115.5

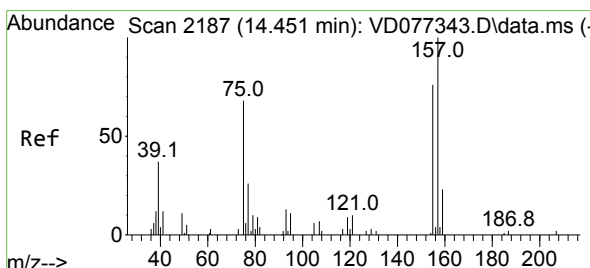
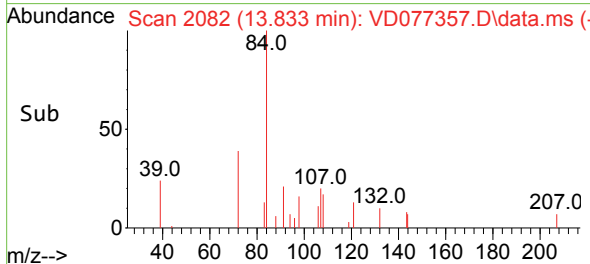
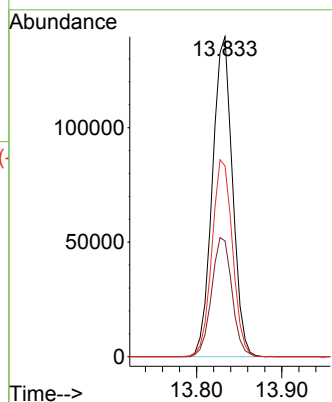
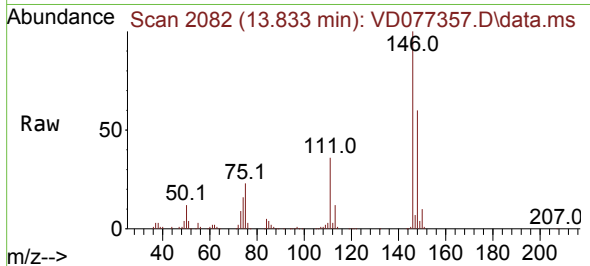




#91
1,2-Dichlorobenzene
Concen: 47.093 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

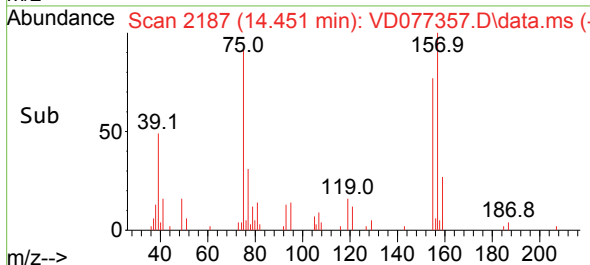
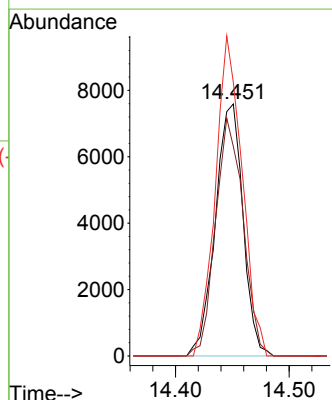
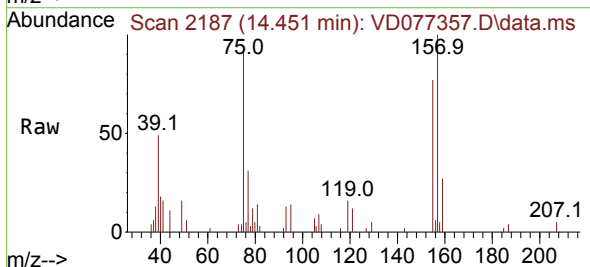
Instrument :
MSVOA_D
ClientSampleId :

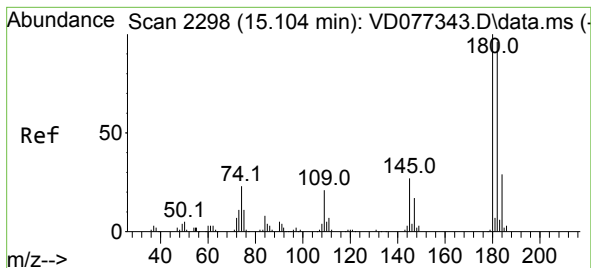
Tgt Ion:146 Resp: 228951
Ion Ratio Lower Upper
146 100
111 37.8 18.3 54.8
148 62.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.359 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD077357.D
Acq: 19 Oct 2023 16:53

Tgt Ion: 75 Resp: 12826
Ion Ratio Lower Upper
75 100
155 94.3 47.9 143.8
157 123.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 43.218 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

ClientSampleId :

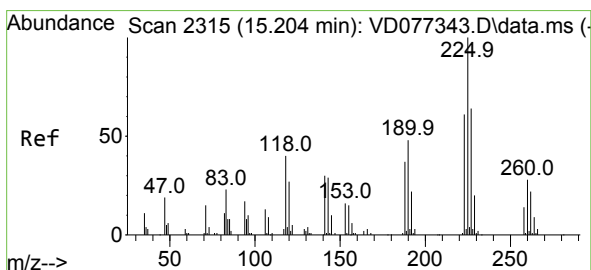
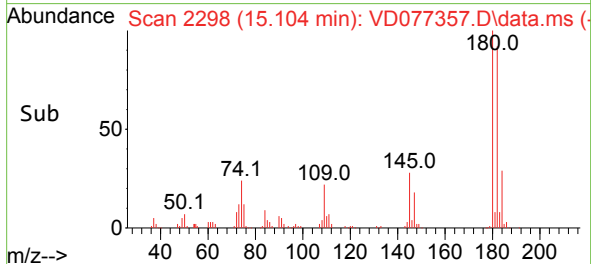
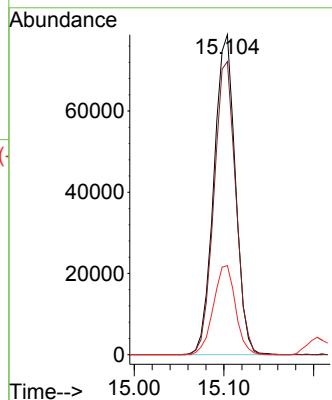
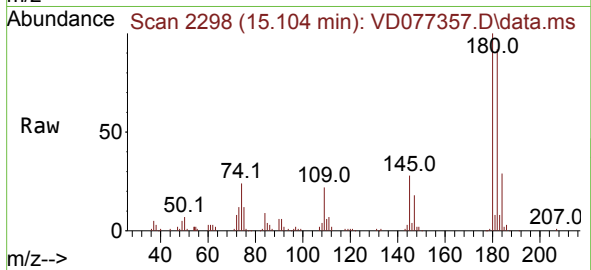
Tgt Ion:180 Resp: 130912

Ion Ratio Lower Upper

180 100

182 92.8 48.5 145.6

145 28.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 40.939 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

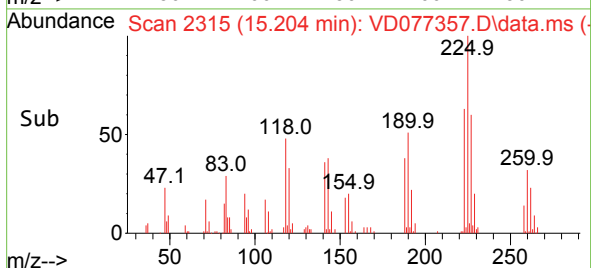
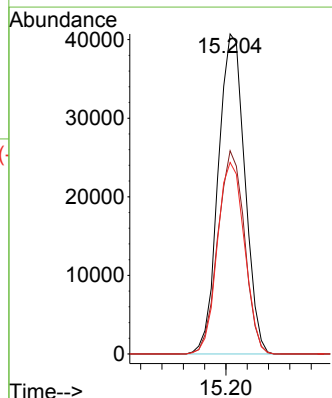
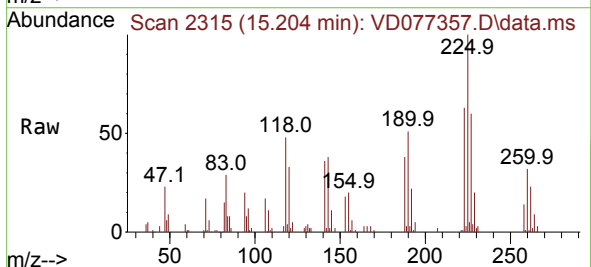
Tgt Ion:225 Resp: 70429

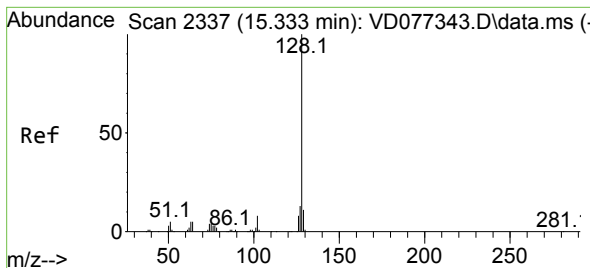
Ion Ratio Lower Upper

225 100

223 63.7 31.6 94.8

227 61.2 31.7 95.1





#95

Naphthalene

Concen: 46.425 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

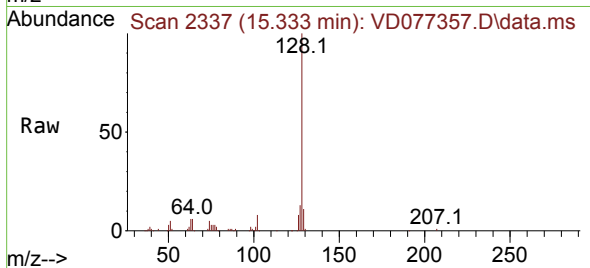
Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Instrument :

MSVOA_D

ClientSampleId :



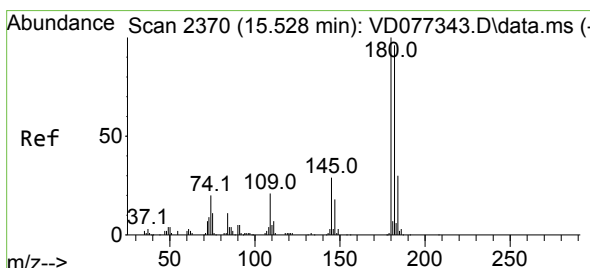
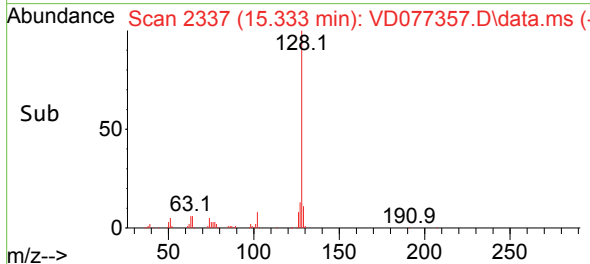
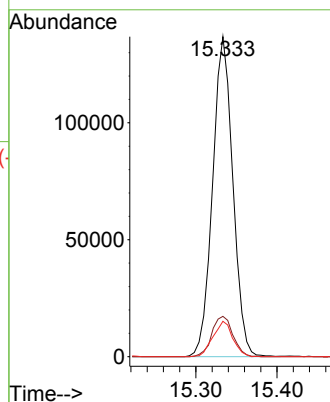
Tgt Ion:128 Resp: 237436

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 43.714 ug/l

RT: 15.521 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD077357.D

Acq: 19 Oct 2023 16:53

Tgt Ion:180 Resp: 114932

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 30.5 15.1 45.3

