

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102623\
 Data File : VD077435.D
 Acq On : 26 Oct 2023 18:58
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 27 07:49:41 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	7.875	168	230894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	454460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	376598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	200964	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102956	49.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.880%
35) Dibromofluoromethane	7.805	113	122631	38.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.820%
50) Toluene-d8	10.269	98	482999	42.241	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.480%
62) 4-Bromofluorobenzene	12.575	95	136157	41.367	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	96989	45.183	ug/l	99
3) Chloromethane	2.146	50	184646	42.241	ug/l	97
4) Vinyl Chloride	2.281	62	232145	44.959	ug/l	99
5) Bromomethane	2.687	94	157986	47.612	ug/l	98
6) Chloroethane	2.834	64	169590	46.720	ug/l	99
7) Trichlorofluoromethane	3.169	101	209261	39.950	ug/l	99
8) Diethyl Ether	3.593	74	53395	38.033	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	114833	42.374	ug/l	99
10) Methyl Iodide	4.158	142	144659	43.626	ug/l	92
11) Tert butyl alcohol	5.046	59	25571	220.476	ug/l	98
12) 1,1-Dichloroethene	3.940	96	107600	40.474	ug/l	97
13) Acrolein	3.793	56	49506	245.893	ug/l	99
14) Allyl chloride	4.558	41	115658	45.852	ug/l	99
15) Acrylonitrile	5.252	53	114953	270.195	ug/l	100
16) Acetone	4.016	43	98605	218.097	ug/l	91
17) Carbon Disulfide	4.269	76	312388	39.972	ug/l	99
18) Methyl Acetate	4.564	43	80042	50.868	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	237129	52.368	ug/l	96
20) Methylene Chloride	4.799	84	167483	62.388	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	128815	46.587	ug/l	98
22) Diisopropyl ether	6.210	45	279611	56.469	ug/l	98
23) Vinyl Acetate	6.158	43	648677	279.543	ug/l	98
24) 1,1-Dichloroethane	6.110	63	207403	50.378	ug/l	100
25) 2-Butanone	7.081	43	125976	268.609	ug/l	97
26) 2,2-Dichloropropane	7.075	77	181008	48.219	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	149940	48.362	ug/l	96
28) Bromochloromethane	7.422	49	76410	50.809	ug/l	100
29) Tetrahydrofuran	7.440	42	75019	277.294	ug/l	98
30) Chloroform	7.593	83	236390	50.045	ug/l	97
31) Cyclohexane	7.875	56	149535	46.616	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	200188	49.125	ug/l	96
36) 1,1-Dichloropropene	8.010	75	167861	40.012	ug/l	99
37) Ethyl Acetate	7.163	43	56879	43.162	ug/l	99
38) Carbon Tetrachloride	7.987	117	178194	38.182	ug/l	98
39) Methylcyclohexane	9.275	83	225466	44.230	ug/l	97
40) Benzene	8.252	78	523980	41.157	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	29346	46.661	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	125225	41.759	ug/l	99
43) Isopropyl Acetate	8.357	43	104657	44.115	ug/l	98
44) Trichloroethene	9.028	130	178210	47.877	ug/l	96
45) 1,2-Dichloropropane	9.304	63	142803	48.659	ug/l	100
46) Dibromomethane	9.393	93	83306	45.404	ug/l	98
47) Bromodichloromethane	9.581	83	194083	44.362	ug/l	98
48) Methyl methacrylate	9.381	41	53388	49.745	ug/l	91
49) 1,4-Dioxane	9.381	88	17174	954.614	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	293971	247.194	ug/l	99
52) Toluene	10.334	92	342203	41.167	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	165716	42.198	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	218900	45.558	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	108191	42.575	ug/l	96
56) Ethyl methacrylate	10.598	69	108758	44.782	ug/l	97
57) 1,3-Dichloropropane	10.881	76	165957	42.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	293565	244.433	ug/l	98
59) 2-Hexanone	10.922	43	198035	231.857	ug/l	95
60) Dibromochloromethane	11.075	129	130291	40.153	ug/l	99
61) 1,2-Dibromoethane	11.181	107	100951	42.158	ug/l	99
64) Tetrachloroethene	10.810	164	122157	43.641	ug/l	97
65) Chlorobenzene	11.610	112	371854	45.300	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	140873	45.146	ug/l	97
67) Ethyl Benzene	11.687	91	634519	46.630	ug/l	98
68) m/p-Xylenes	11.793	106	524233	93.818	ug/l	97
69) o-Xylene	12.122	106	246214	47.865	ug/l	97
70) Styrene	12.134	104	431300	49.144	ug/l	100
71) Bromoform	12.298	173	76699	44.839	ug/l #	100
73) Isopropylbenzene	12.422	105	633697	47.673	ug/l	96
74) N-amyl acetate	12.234	43	99418	51.990	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	117930	48.822	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	138057	50.570	ug/l #	100
77) Bromobenzene	12.698	156	155473	44.551	ug/l	100
78) n-propylbenzene	12.763	91	762865	47.653	ug/l	98
79) 2-Chlorotoluene	12.851	91	414357	47.520	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	526622	48.009	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	38053	50.738	ug/l	97
82) 4-Chlorotoluene	12.945	91	433243	47.724	ug/l	99
83) tert-Butylbenzene	13.169	119	469817	48.309	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	538627	48.770	ug/l	96
85) sec-Butylbenzene	13.345	105	707909	48.372	ug/l	98
86) p-Isopropyltoluene	13.457	119	604903	47.579	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	333198	45.369	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	327587	45.012	ug/l	99
89) n-Butylbenzene	13.787	91	541148	48.882	ug/l	100
90) Hexachloroethane	14.051	117	119399	46.460	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	282815	45.587	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15531	52.531	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	174099	45.040	ug/l	98
94) Hexachlorobutadiene	15.204	225	94474	43.035	ug/l	99
95) Naphthalene	15.334	128	311523	47.733	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	159644	47.583	ug/l	99

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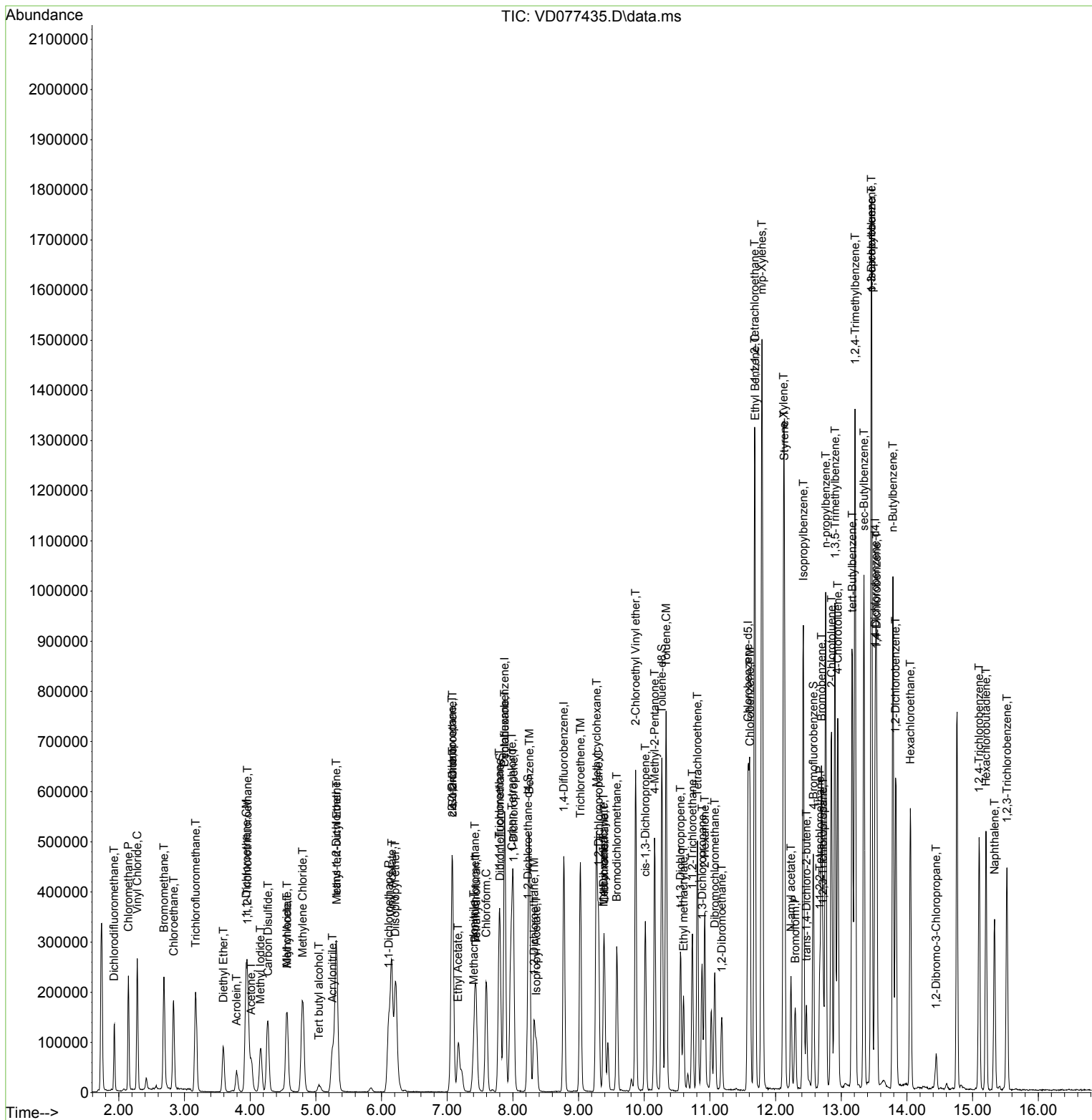
Instrument :
MSVOA_D
ClientSampleId :

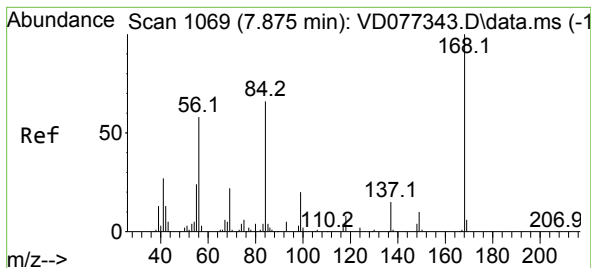
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077435.D

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Instrument :

MSVOA_D

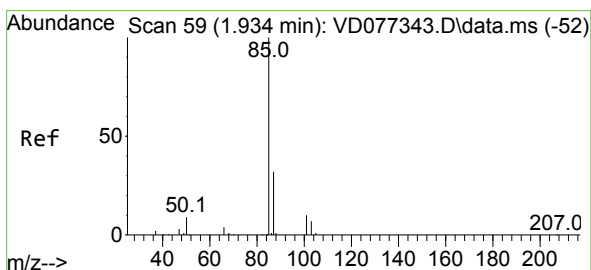
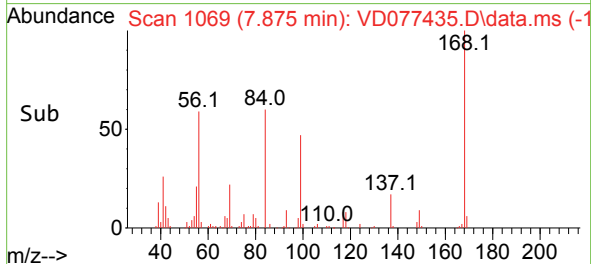
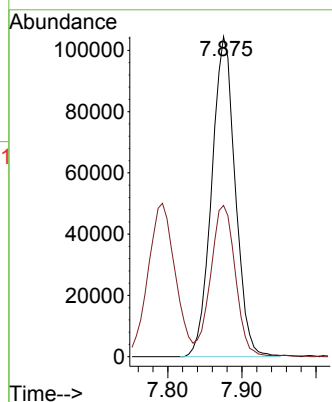
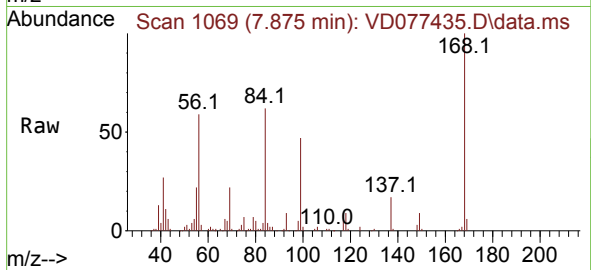
ClientSampleId :

Tgt Ion:168 Resp: 230894

Ion Ratio Lower Upper

168 100

99 46.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 45.183 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD077435.D

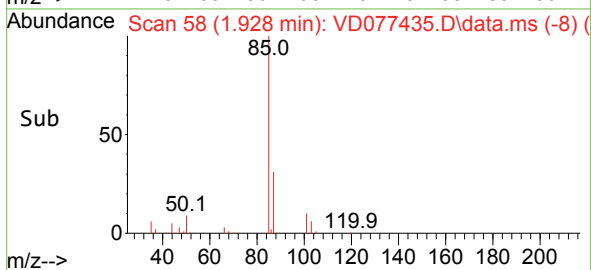
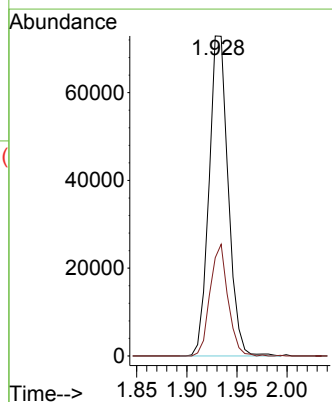
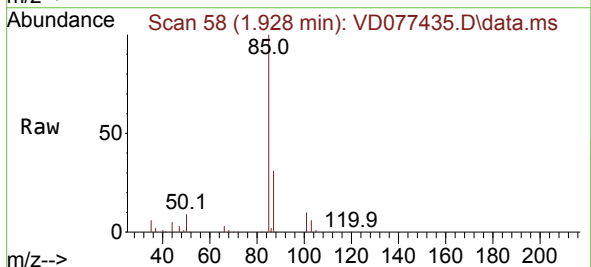
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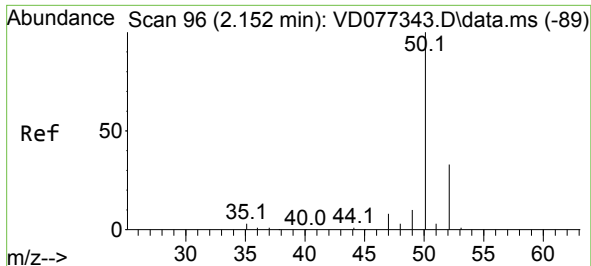
Tgt Ion: 85 Resp: 96989

Ion Ratio Lower Upper

85 100

87 30.7 15.7 47.0

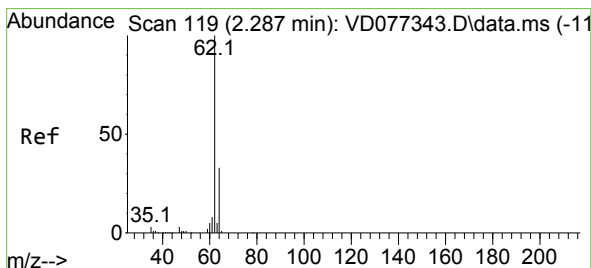
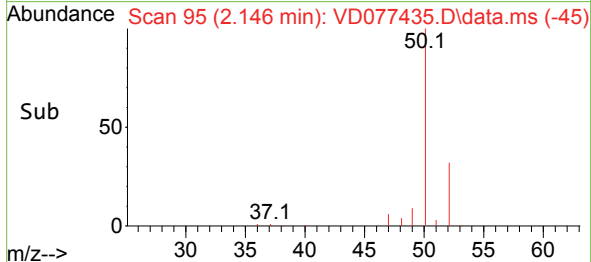
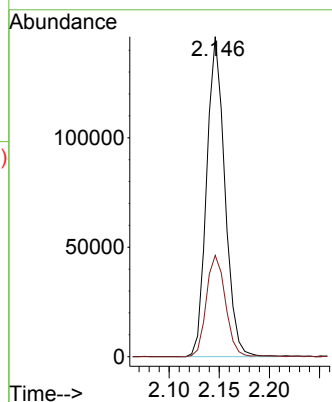
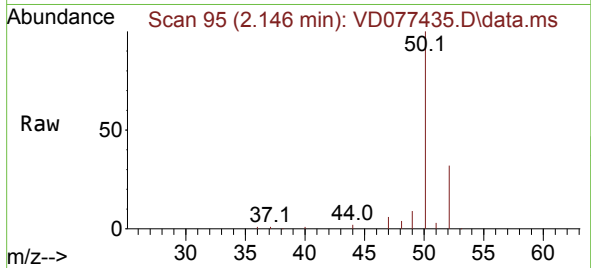




#3
Chloromethane
Concen: 42.241 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

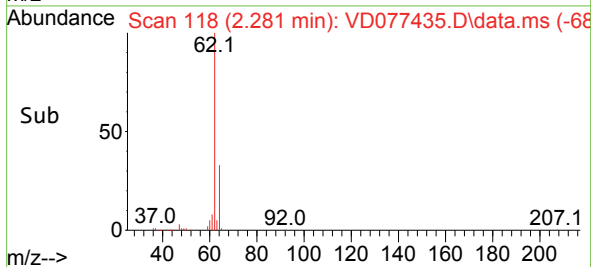
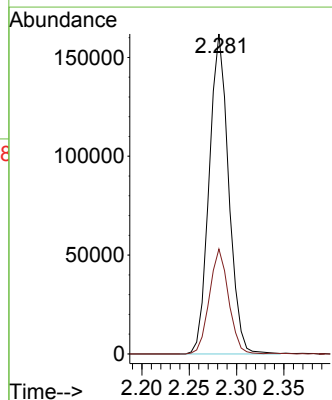
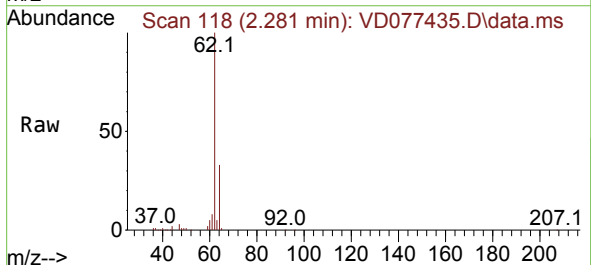
Instrument :
MSVOA_D
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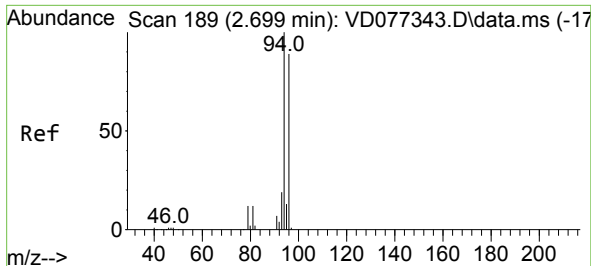
Tgt Ion: 50 Resp: 184646
Ion Ratio Lower Upper
50 100
52 31.6 26.6 40.0



#4
Vinyl Chloride
Concen: 44.959 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion: 62 Resp: 232145
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0

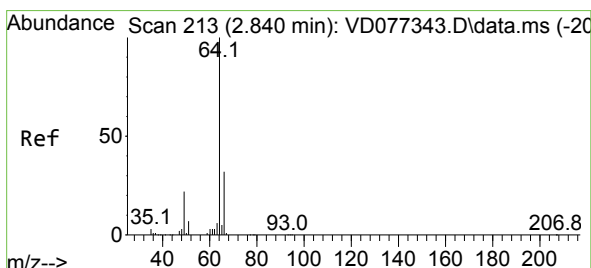
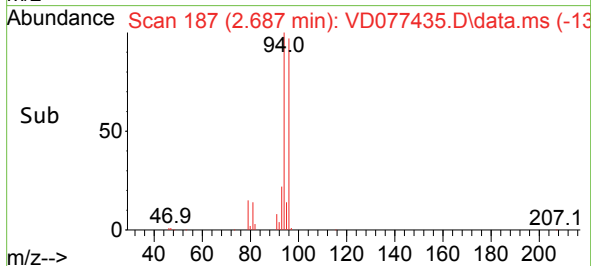
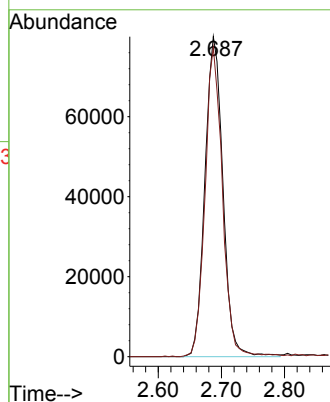
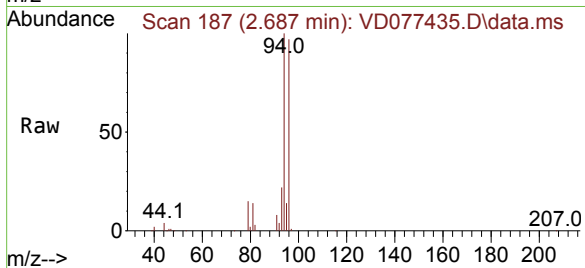




#5
Bromomethane
Concen: 47.612 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

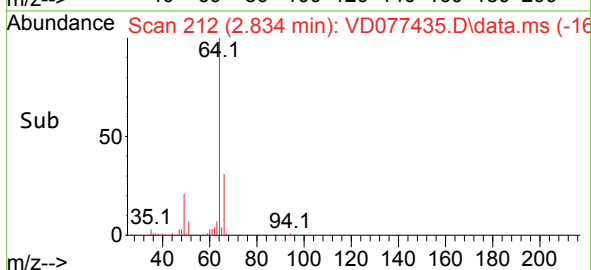
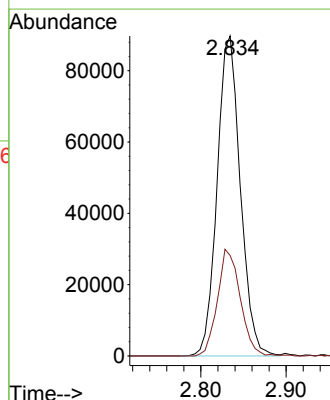
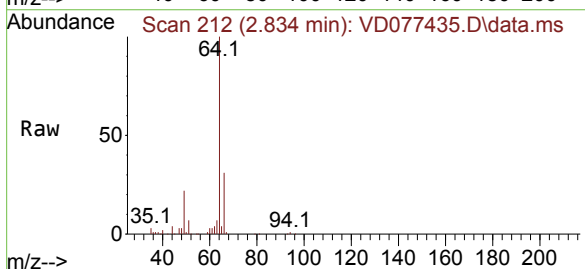
Instrument :
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ClientSampleId :

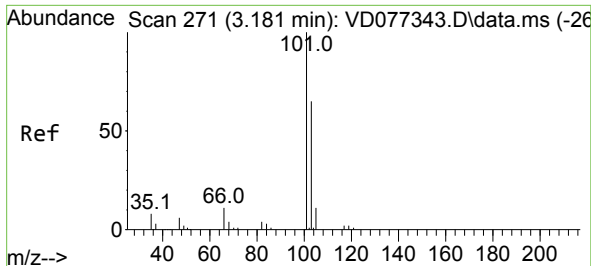
Tgt Ion: 94 Resp: 157986
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8



#6
Chloroethane
Concen: 46.720 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion: 64 Resp: 169590
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3

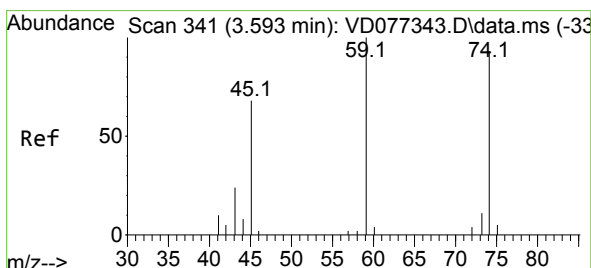
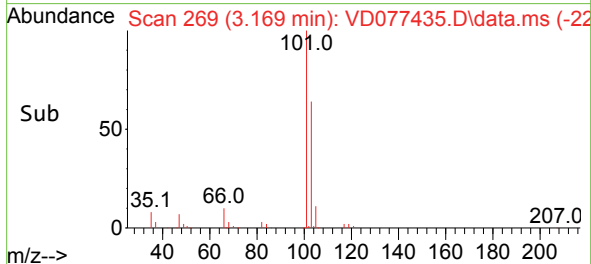
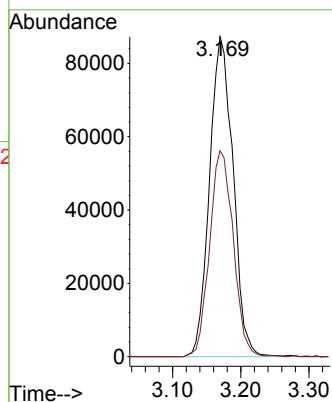
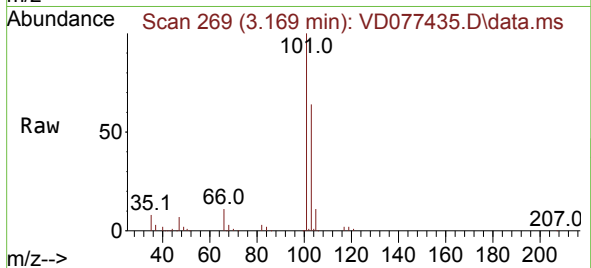




#7
 Trichlorofluoromethane
 Concen: 39.950 ug/l
 RT: 3.169 min Scan# 209
 Delta R.T. -0.012 min
 Lab File: VD077435.D
 Acq: 26 Oct 2023 18:58

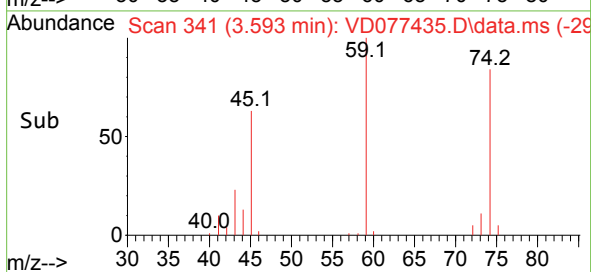
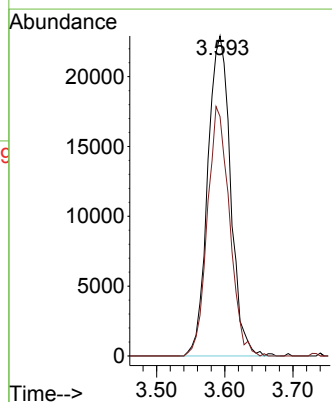
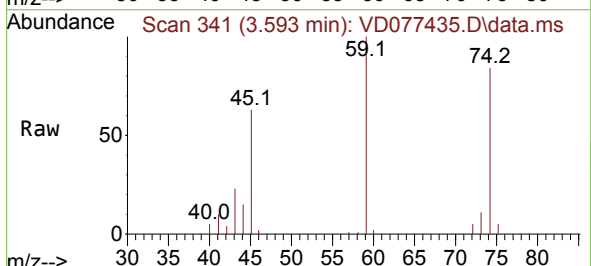
Instrument :
 MSVOA_D
 ClientSampleId :

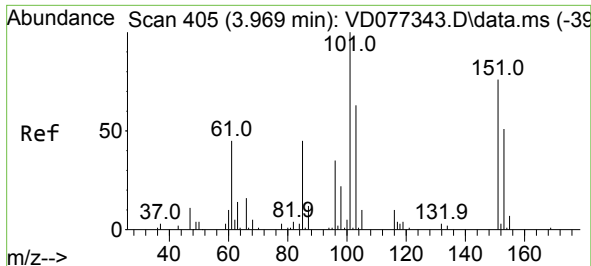
Tgt Ion:101 Resp: 209261
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 38.033 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 53395
 Ion Ratio Lower Upper
 74 100
 45 75.6 37.5 112.7

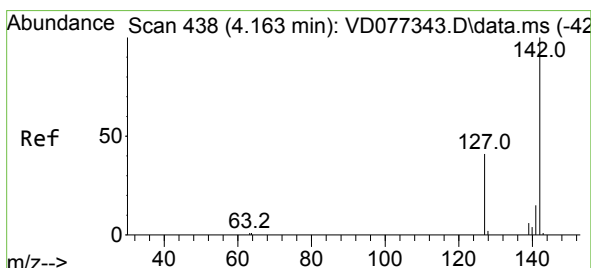
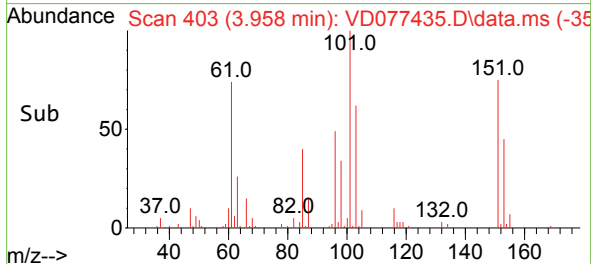
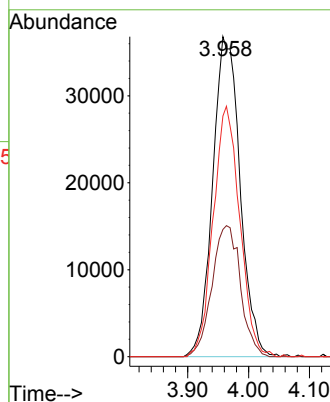
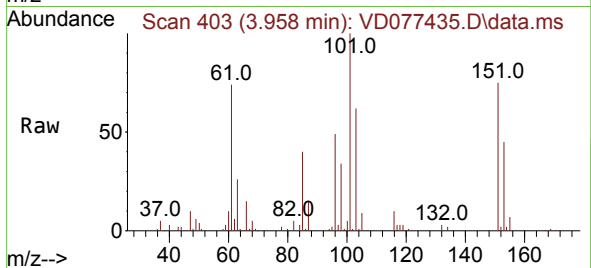




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.374 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.011 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

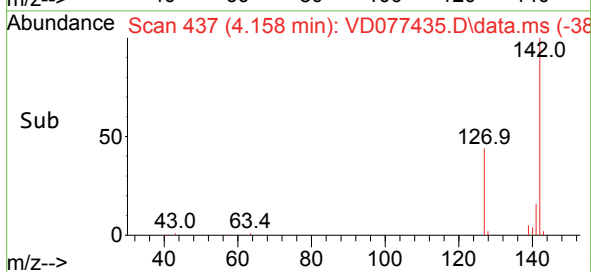
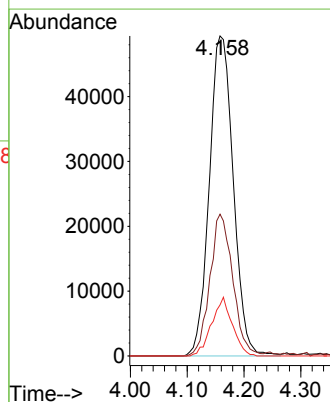
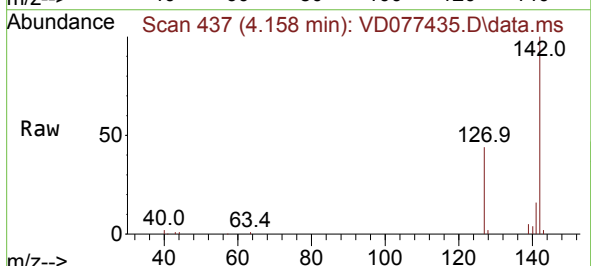
Instrument :
MSVOA_D
ClientSampleId :

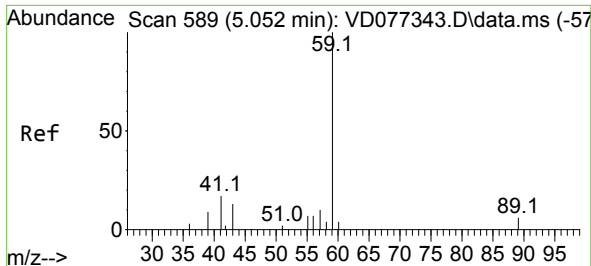
Tgt Ion:101 Resp: 114833
Ion Ratio Lower Upper
101 100
85 42.5 33.8 50.6
151 75.9 59.8 89.6



#10
Methyl Iodide
Concen: 43.626 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.005 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion:142 Resp: 144659
Ion Ratio Lower Upper
142 100
127 42.3 29.4 44.0
141 15.9 11.1 16.7

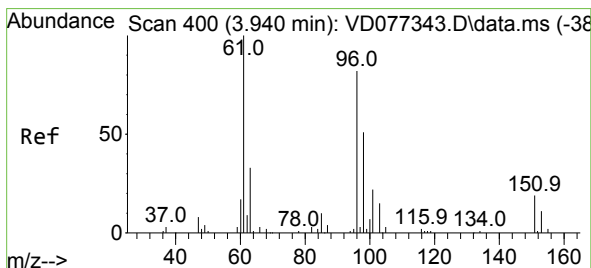
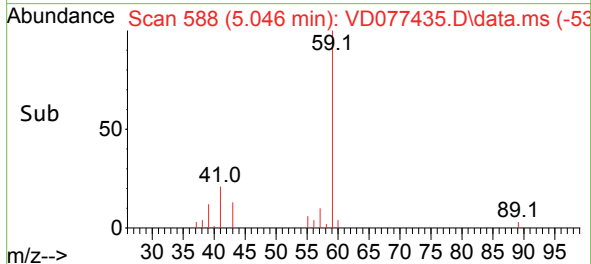
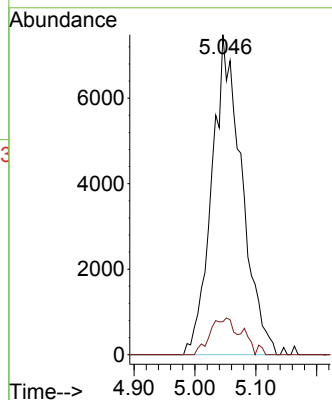
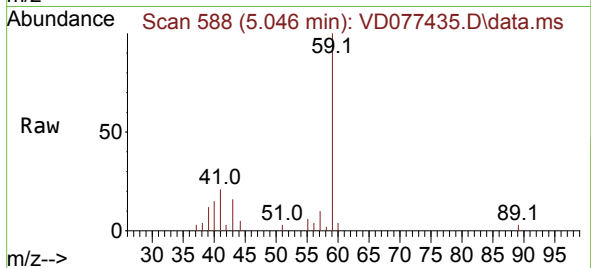




#11
Tert butyl alcohol
Concen: 220.476 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

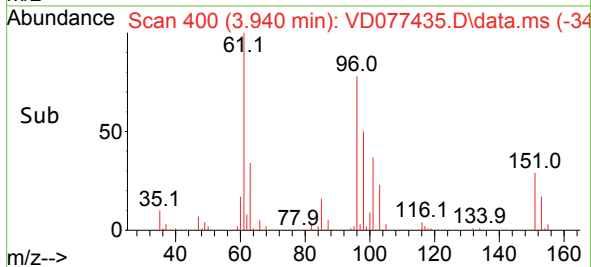
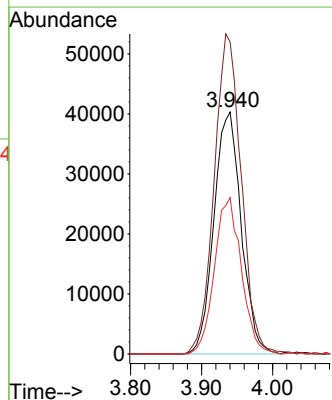
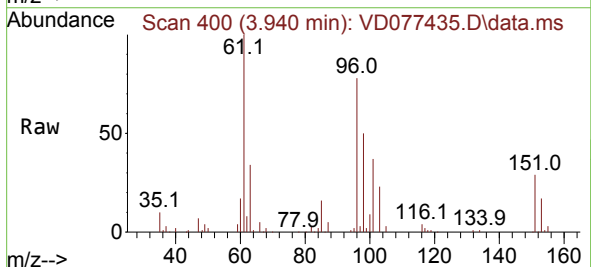
Instrument :
MSVOA_D
ClientSampleId :

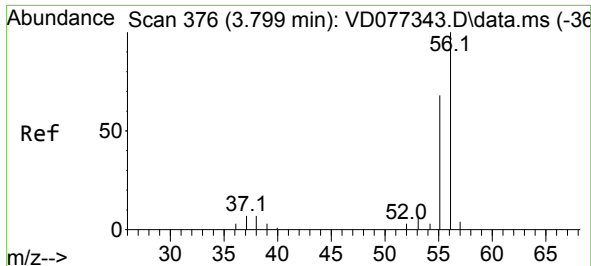
Tgt Ion: 59 Resp: 25571
Ion Ratio Lower Upper
59 100
57 9.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 40.474 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion: 96 Resp: 107600
Ion Ratio Lower Upper
96 100
61 128.9 100.6 150.8
98 64.6 50.2 75.2





#13

Acrolein

Concen: 245.893 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

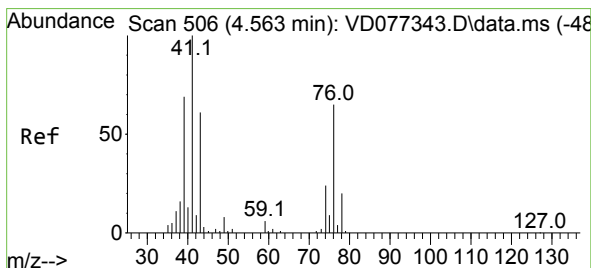
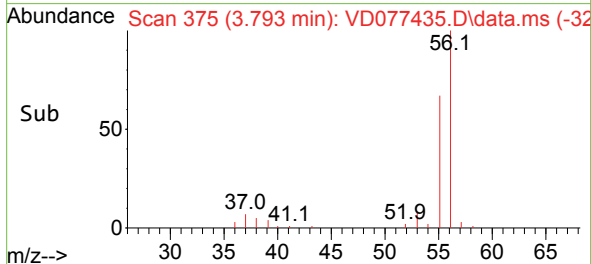
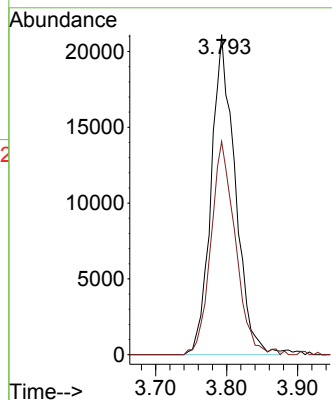
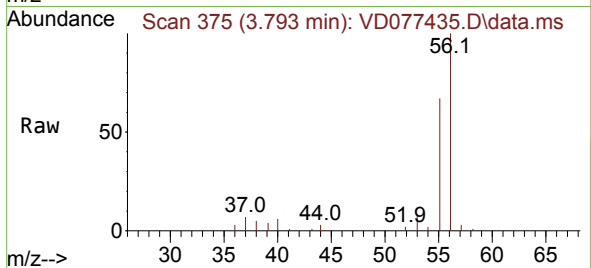
ClientSampleId :

Tgt Ion: 56 Resp: 49506

Ion Ratio Lower Upper

56 100

55 68.1 55.1 82.7



#14

Allyl chloride

Concen: 45.852 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

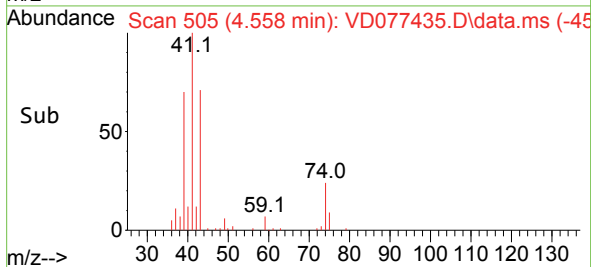
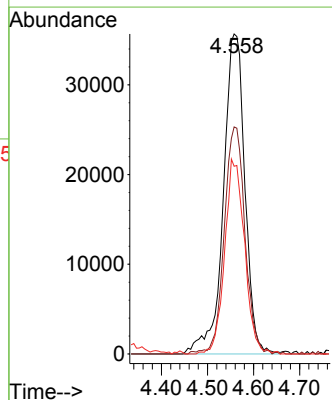
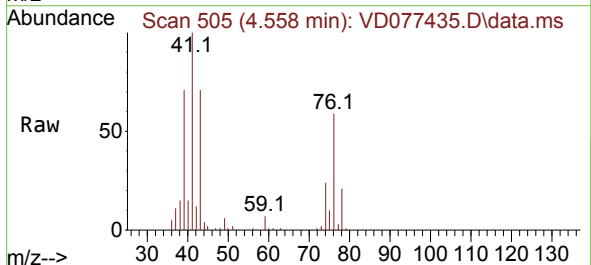
Tgt Ion: 41 Resp: 115658

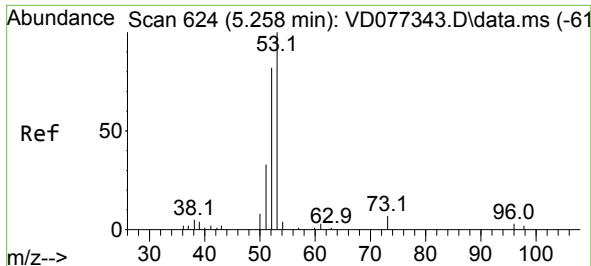
Ion Ratio Lower Upper

41 100

39 68.3 53.8 80.6

76 56.3 45.8 68.8

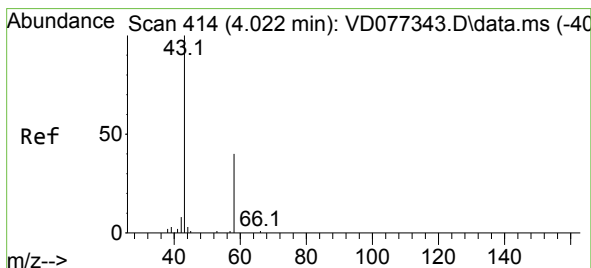
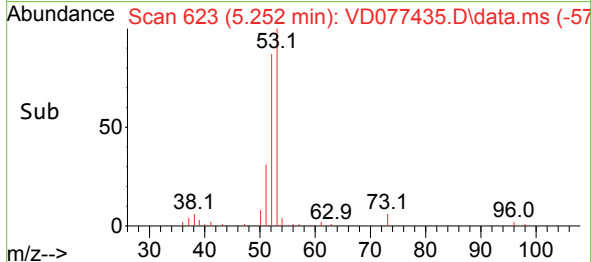
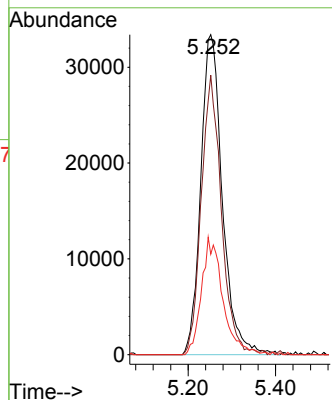
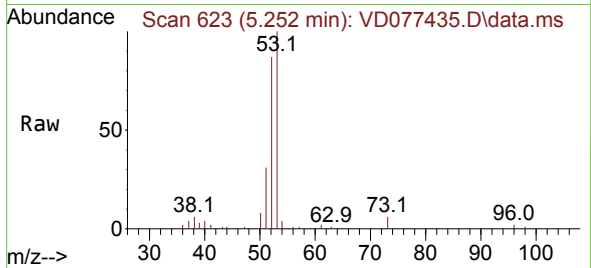




#15
Acrylonitrile
Concen: 270.195 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

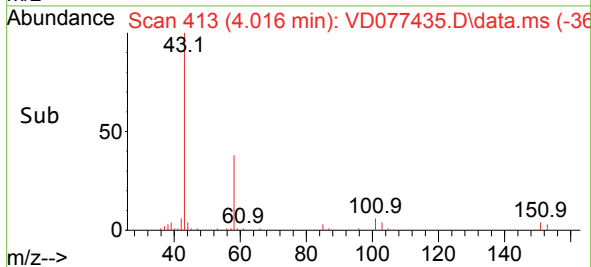
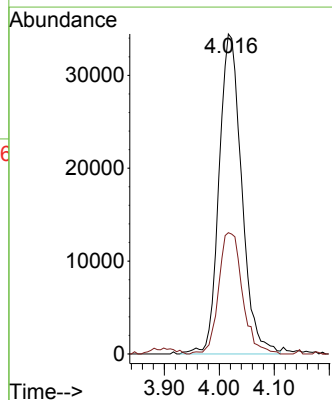
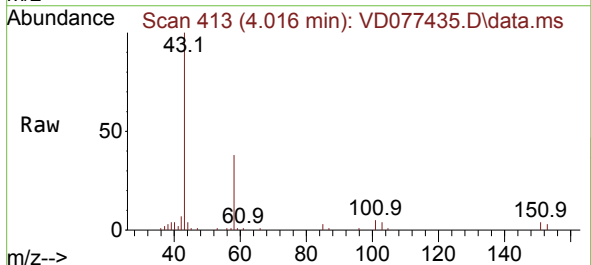
Instrument :
MSVOA_D
ClientSampleId :

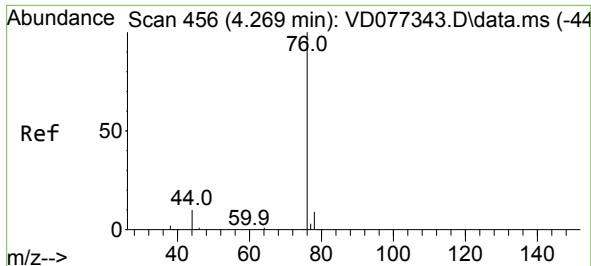
Tgt Ion: 53 Resp: 114953
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.4
51 36.3 28.3 42.5



#16
Acetone
Concen: 218.097 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion: 43 Resp: 98605
Ion Ratio Lower Upper
43 100
58 37.9 34.7 52.1

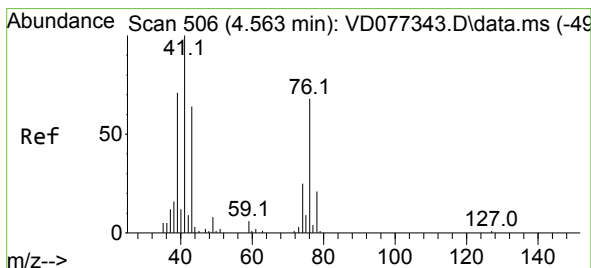
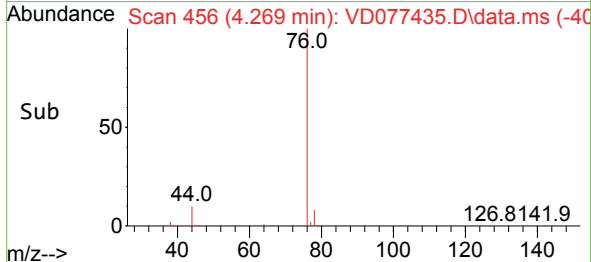
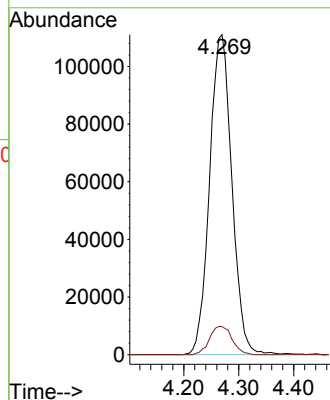
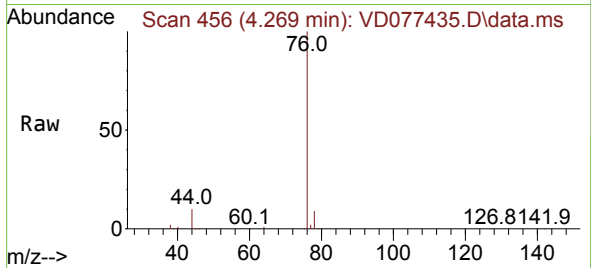




#17
Carbon Disulfide
Concen: 39.972 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

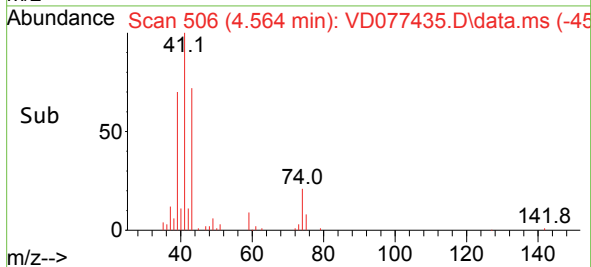
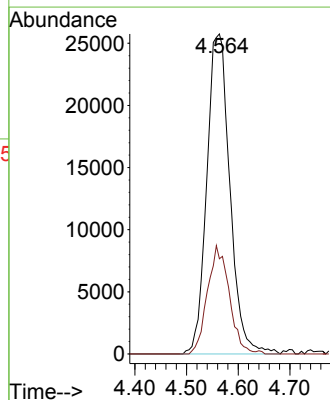
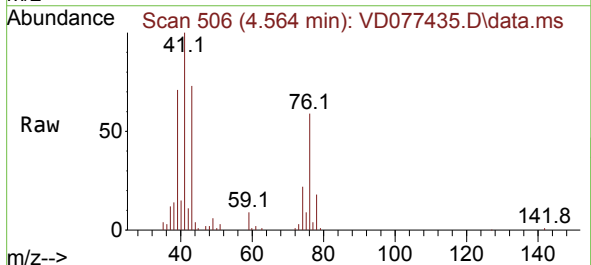
Instrument :
MSVOA_D
ClientSampleId :

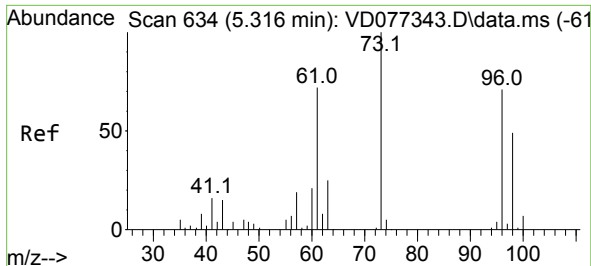
Tgt Ion: 76 Resp: 312388
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 50.868 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion: 43 Resp: 80042
Ion Ratio Lower Upper
43 100
74 32.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 52.368 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

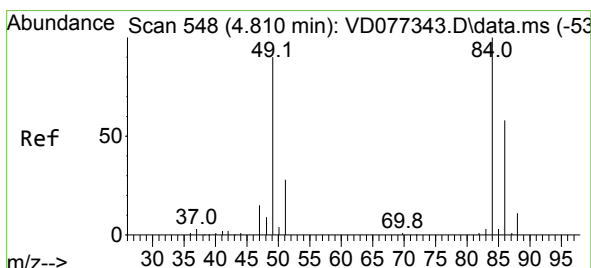
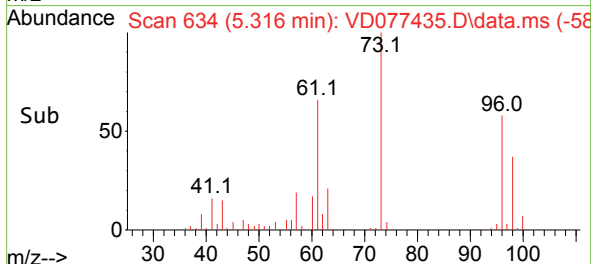
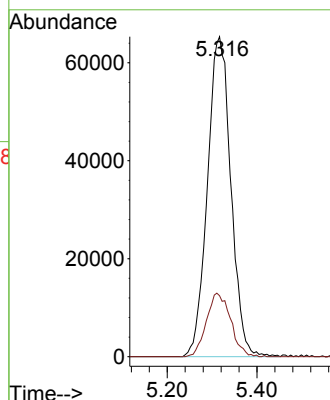
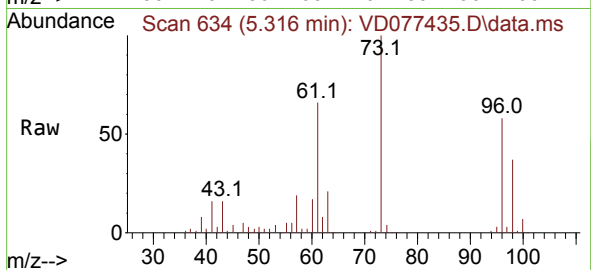
ClientSampleId :

Tgt Ion: 73 Resp: 237129

Ion Ratio Lower Upper

73 100

57 19.0 16.6 25.0



#20

Methylene Chloride

Concen: 62.388 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.011 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Tgt Ion: 84 Resp: 167483

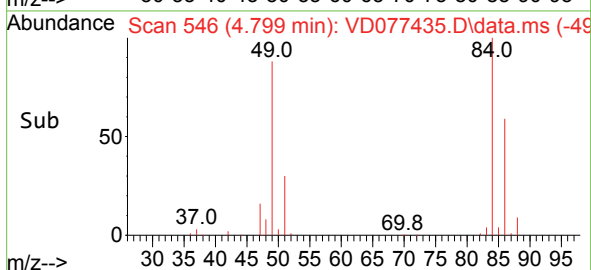
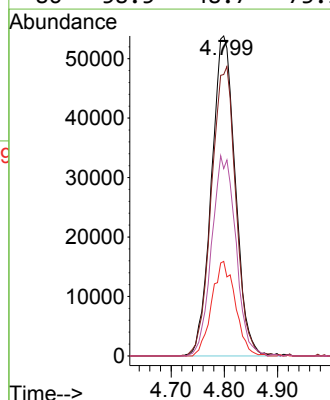
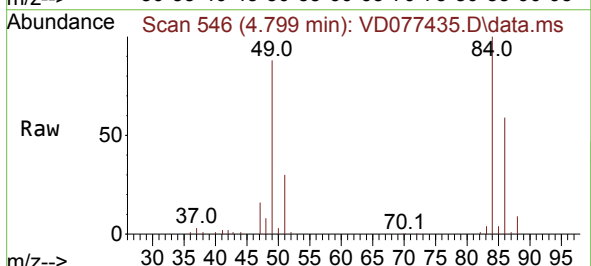
Ion Ratio Lower Upper

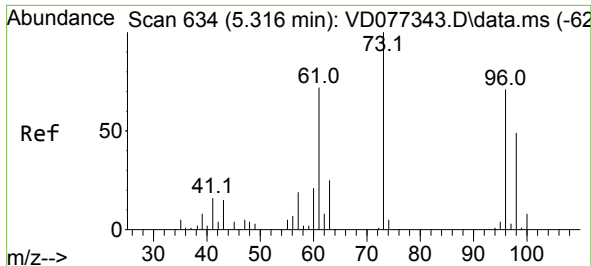
84 100

49 88.0 71.4 107.2

51 29.5 24.5 36.7

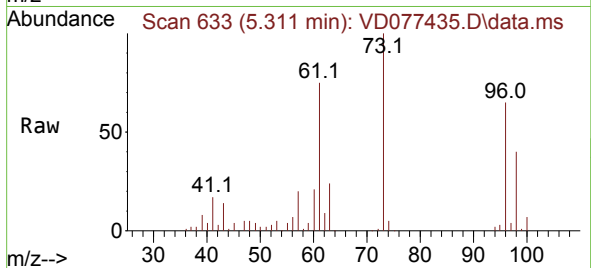
86 58.5 48.7 73.1



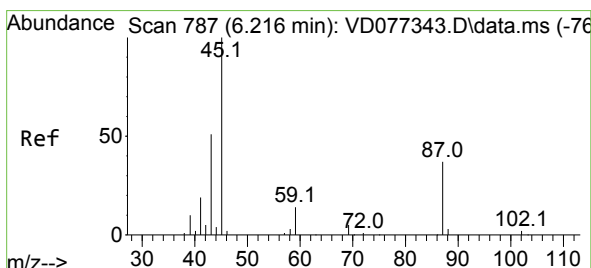
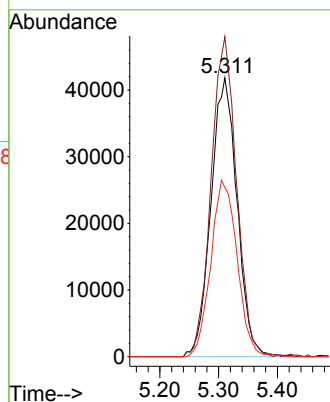
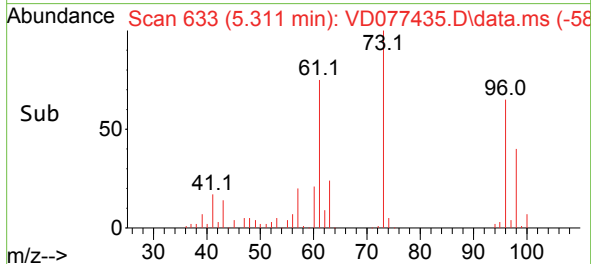


#21
trans-1,2-Dichloroethene
Concen: 46.587 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

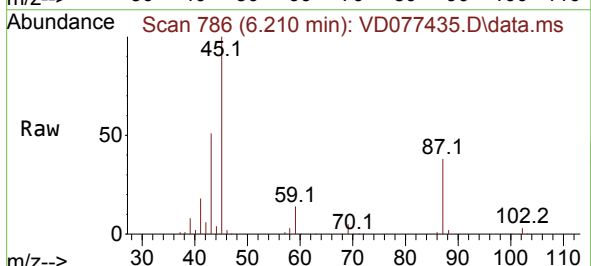
Instrument :
MSVOA_D
ClientSampleId :



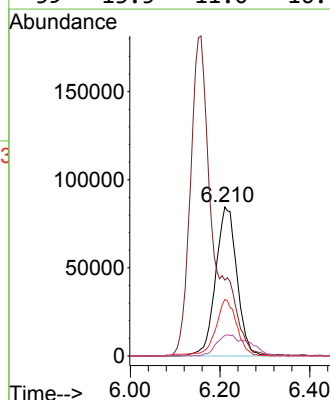
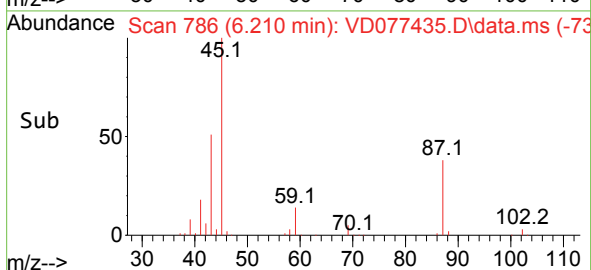
Tgt Ion: 96 Resp: 128815
Ion Ratio Lower Upper
96 100
61 114.8 89.3 133.9
98 60.7 48.6 73.0

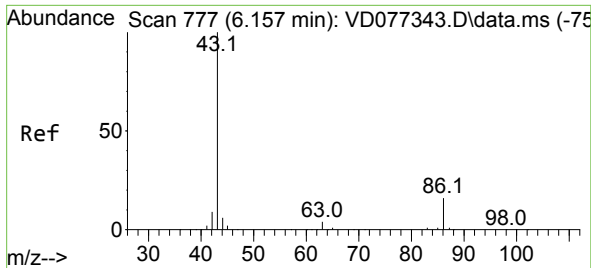


#22
Diisopropyl ether
Concen: 56.469 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58



Tgt Ion: 45 Resp: 279611
Ion Ratio Lower Upper
45 100
43 50.0 40.0 60.0
87 38.0 28.2 42.4
59 13.5 11.0 16.4

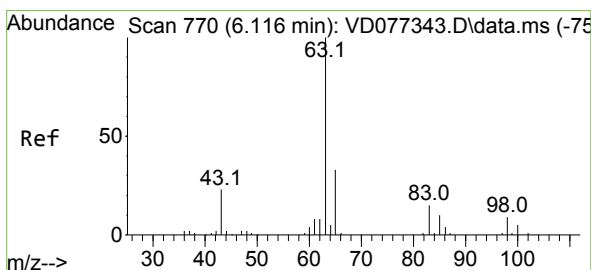
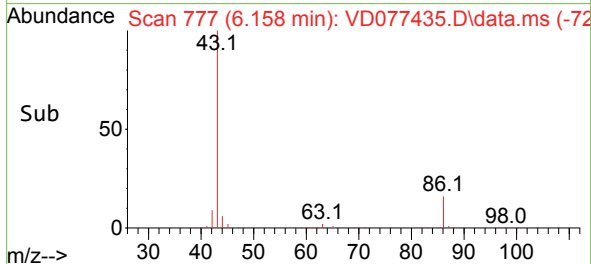
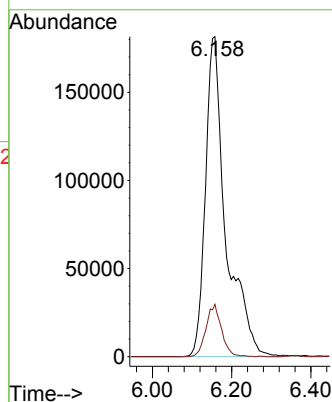
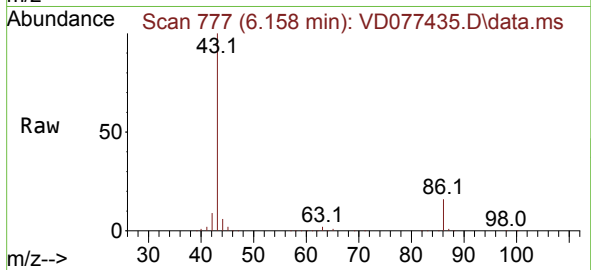




#23
 Vinyl Acetate
 Concen: 279.543 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077435.D
 Acq: 26 Oct 2023 18:58

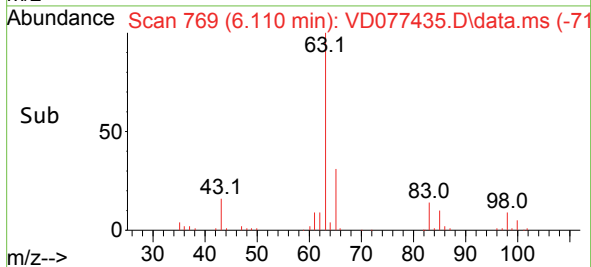
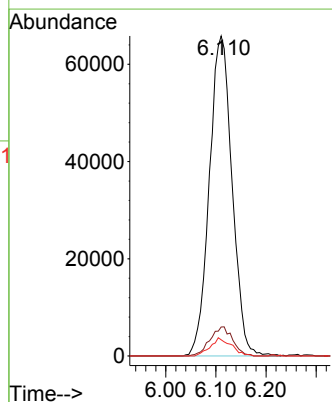
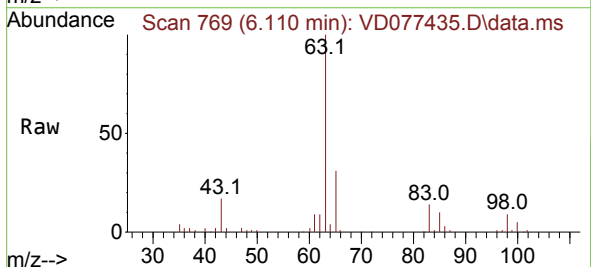
Instrument :
 MSVOA_D
 ClientSampleId :

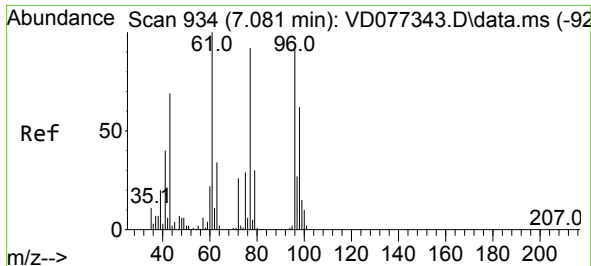
Tgt Ion: 43 Resp: 648677
 Ion Ratio Lower Upper
 43 100
 86 16.4 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 50.378 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077435.D
 Acq: 26 Oct 2023 18:58

Tgt Ion: 63 Resp: 207403
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.5 13.7
 100 5.1 2.5 7.5

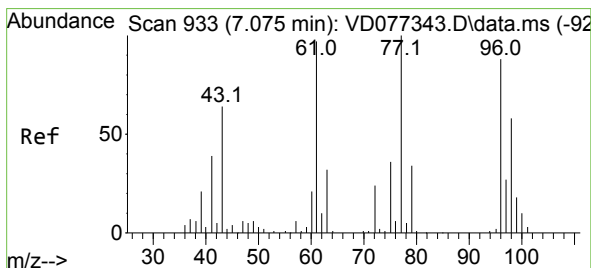
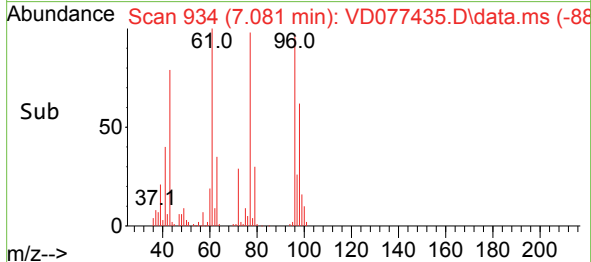
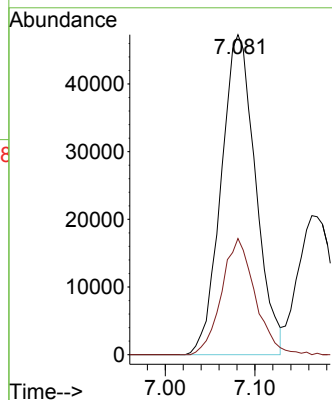
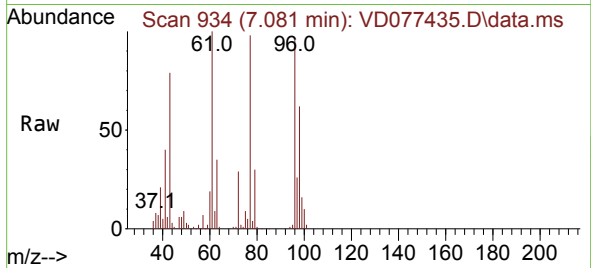




#25
2-Butanone
Concen: 268.609 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

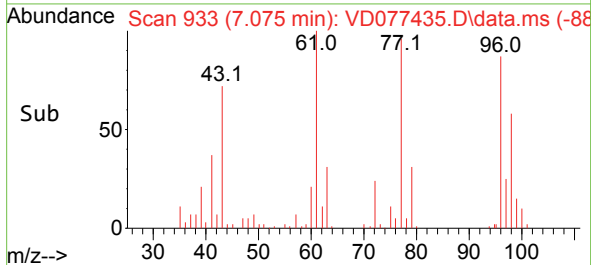
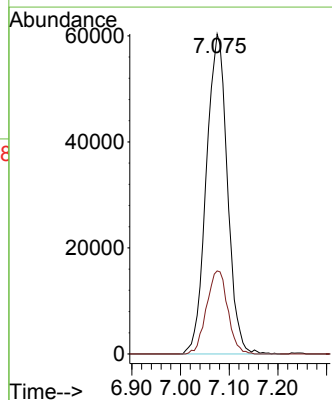
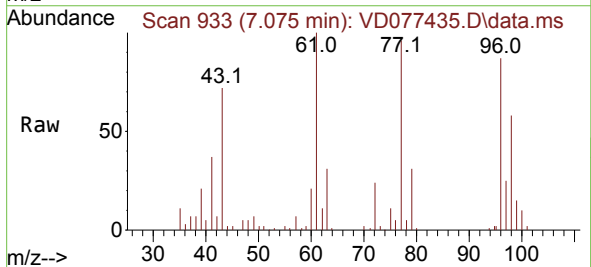
Instrument :
MSVOA_D
ClientSampleId :

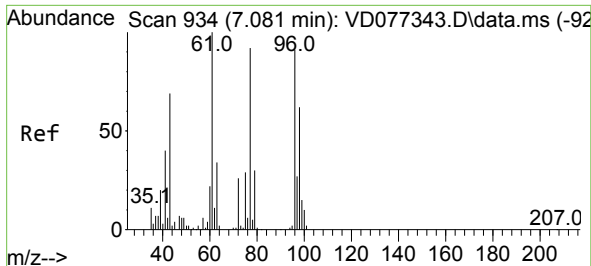
Tgt Ion: 43 Resp: 125976
Ion Ratio Lower Upper
43 100
72 36.3 30.7 46.1



#26
2,2-Dichloropropane
Concen: 48.219 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

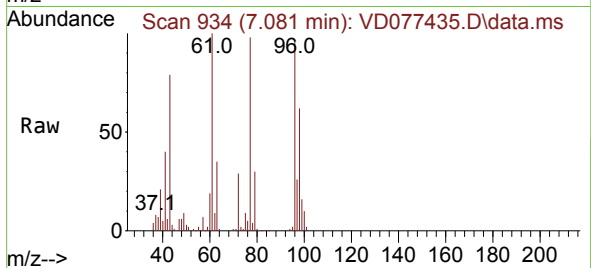
Tgt Ion: 77 Resp: 181008
Ion Ratio Lower Upper
77 100
97 26.1 13.2 39.6



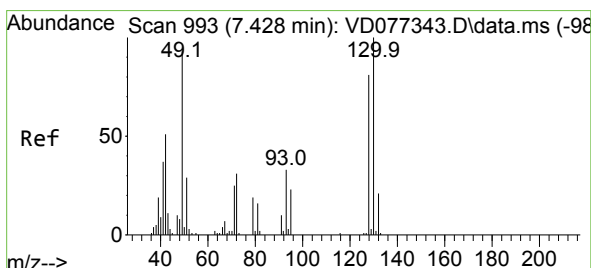
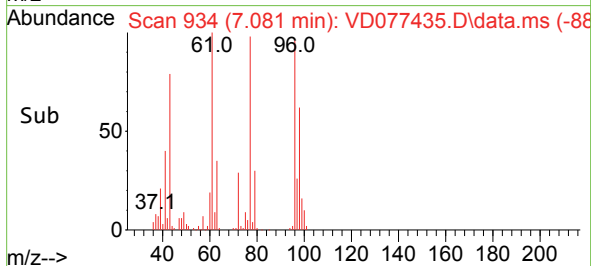
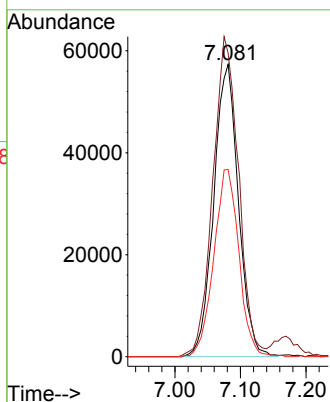


#27
 cis-1,2-Dichloroethene
 Concen: 48.362 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077435.D
 Acq: 26 Oct 2023 18:58

Instrument :
 MSVOA_D
 ClientSampleId :

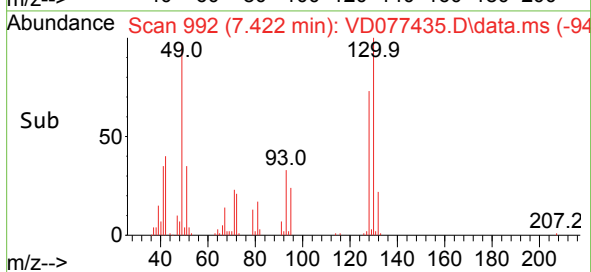
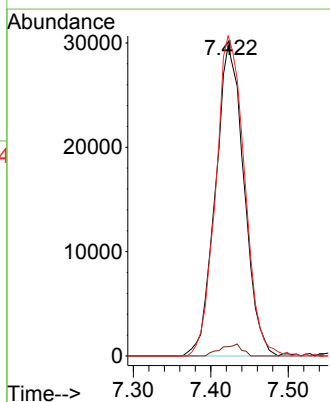
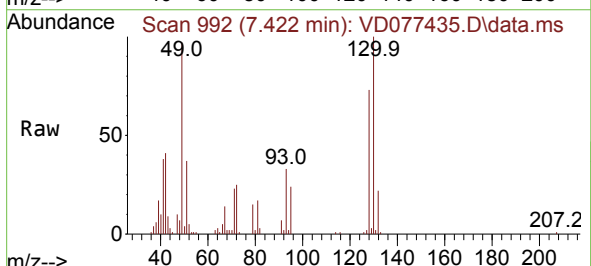


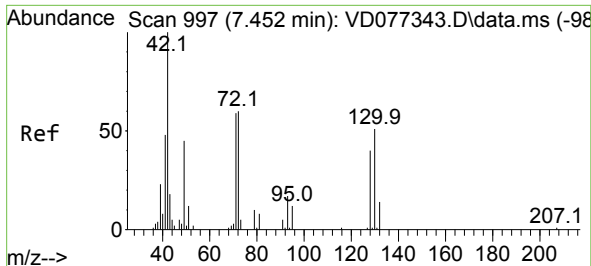
Tgt Ion	Ratio	Lower	Upper
96	100		
61	113.9	0.0	239.2
98	65.2	0.0	128.6



#28
 Bromochloromethane
 Concen: 50.809 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077435.D
 Acq: 26 Oct 2023 18:58

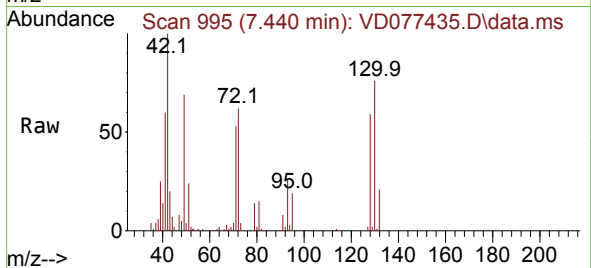
Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	6.0
130	104.2	83.2	124.8



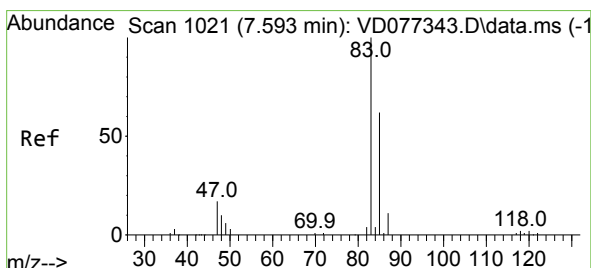
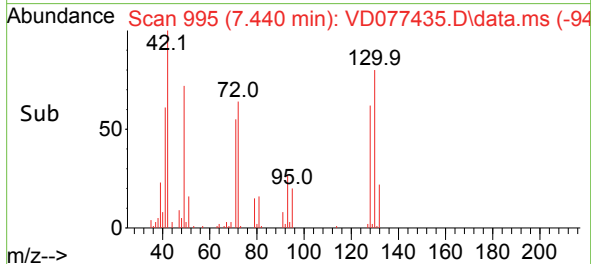
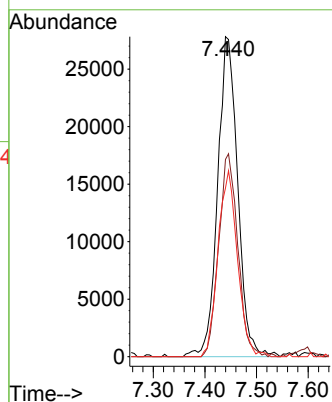


#29
Tetrahydrofuran
Concen: 277.294 ug/l
RT: 7.440 min Scan# 997
Delta R.T. -0.012 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Instrument :
MSVOA_D
ClientSampleId :

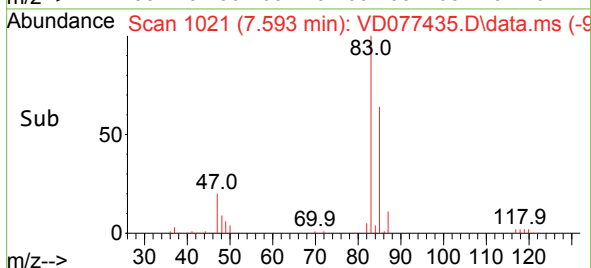
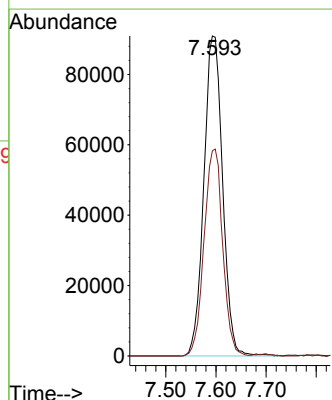
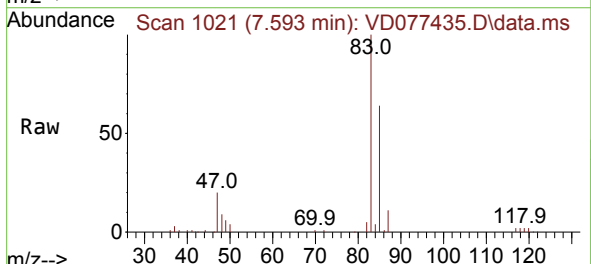


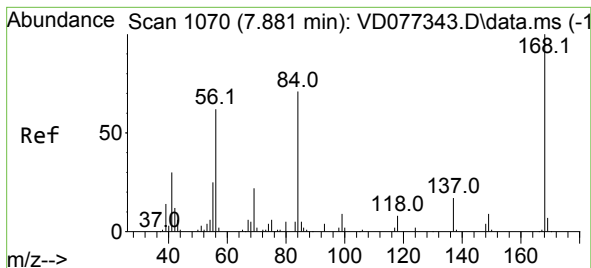
Tgt Ion: 42 Resp: 75019
Ion Ratio Lower Upper
42 100
72 60.5 46.5 69.7
71 56.5 44.5 66.7



#30
Chloroform
Concen: 50.045 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion: 83 Resp: 236390
Ion Ratio Lower Upper
83 100
85 64.1 53.4 80.2





#31

Cyclohexane

Concen: 46.616 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

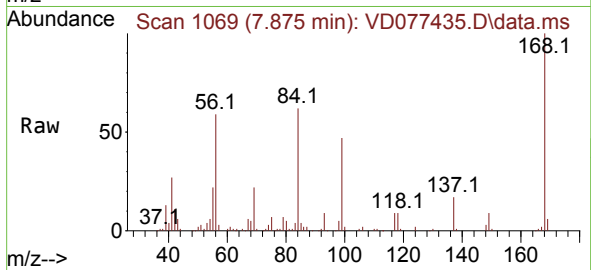
Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :



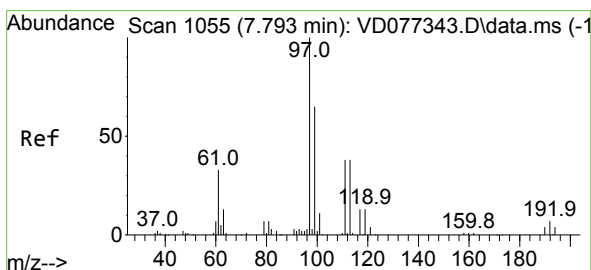
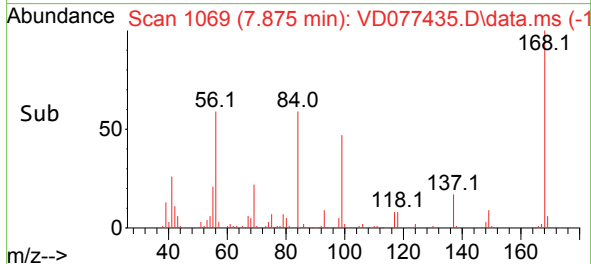
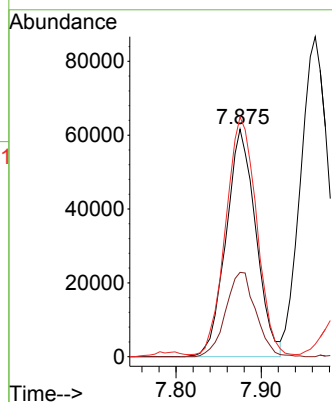
Tgt Ion: 56 Resp: 149535

Ion Ratio Lower Upper

56 100

69 37.0 28.6 43.0

84 103.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 49.125 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

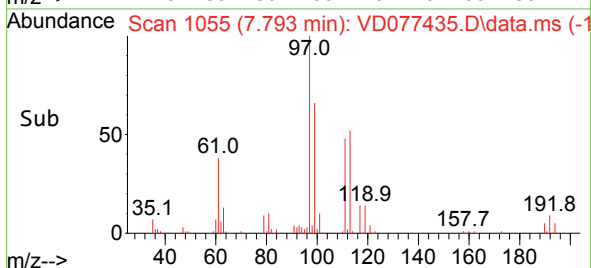
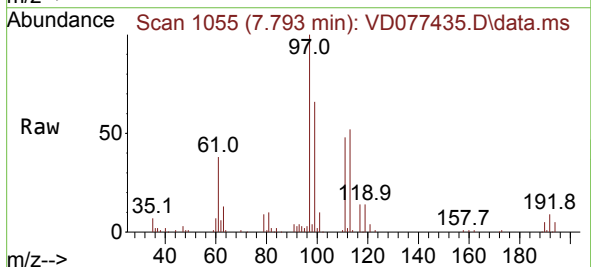
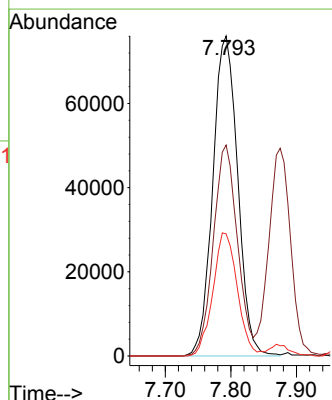
Tgt Ion: 97 Resp: 200188

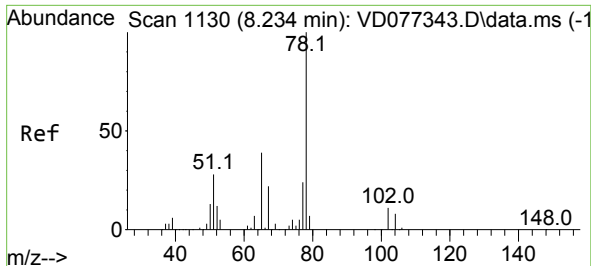
Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

61 38.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.936 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

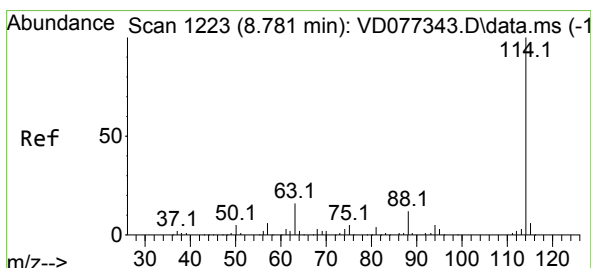
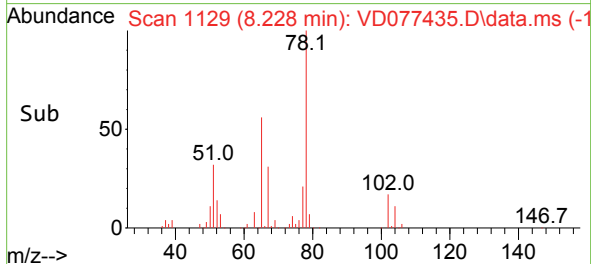
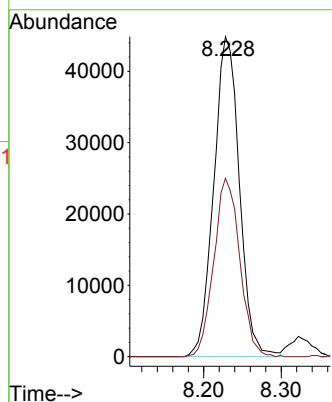
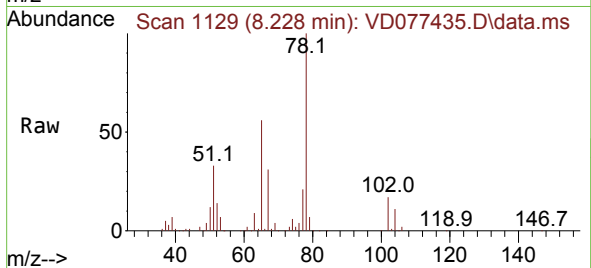
ClientSampleId :

Tgt Ion: 65 Resp: 102956

Ion Ratio Lower Upper

65 100

67 56.4 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: VD077435.D

Acq: 26 Oct 2023 18:58

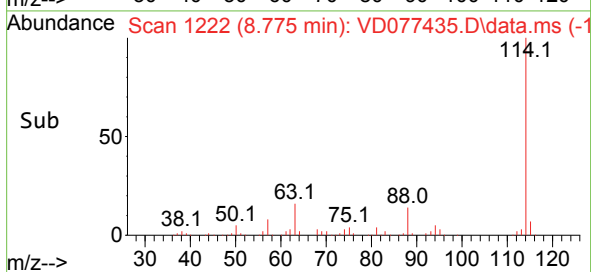
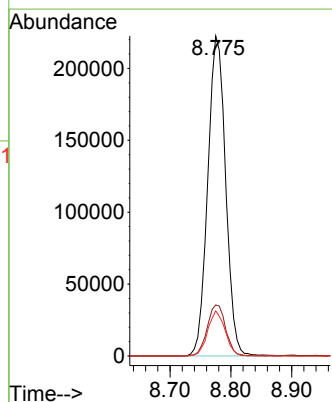
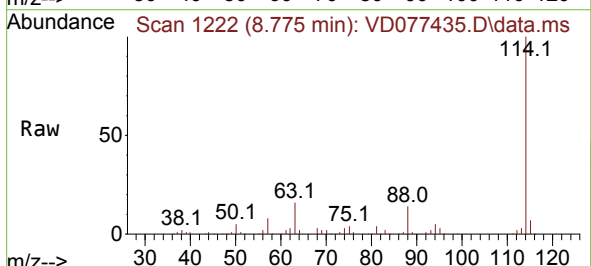
Tgt Ion: 114 Resp: 454460

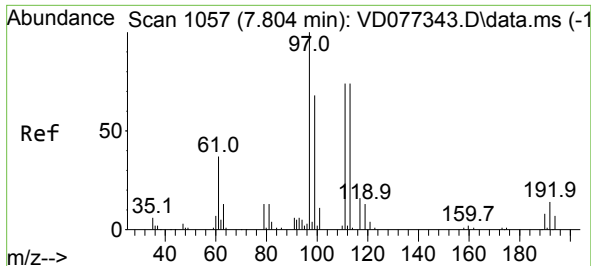
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 38.409 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

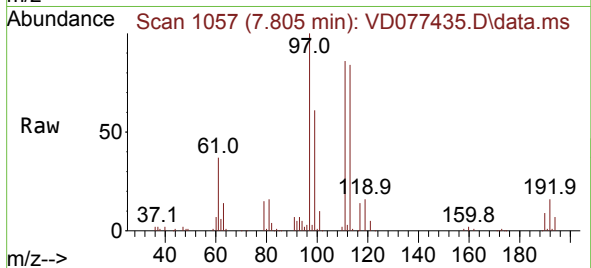
Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :



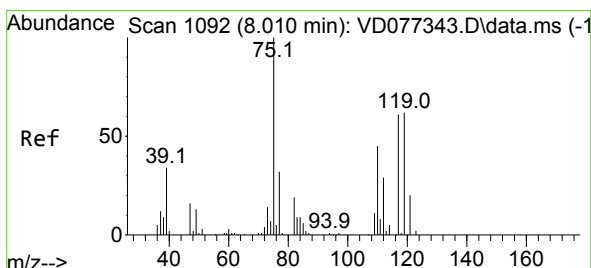
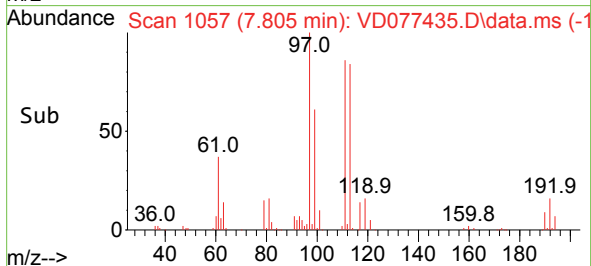
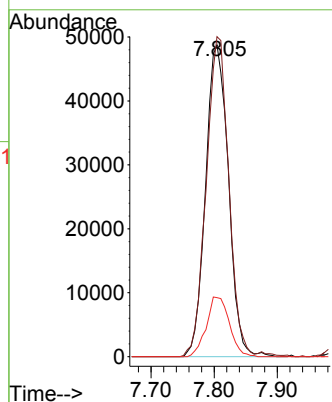
Tgt Ion:113 Resp: 122631

Ion Ratio Lower Upper

113 100

111 100.9 84.7 127.1

192 19.3 16.8 25.2



#36

1,1-Dichloropropene

Concen: 40.012 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

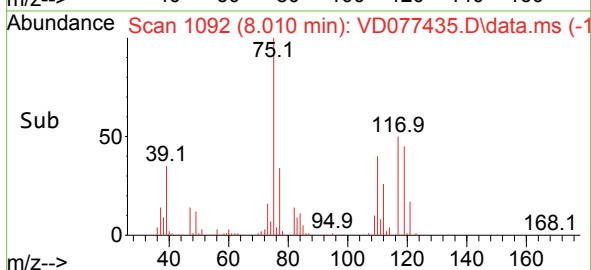
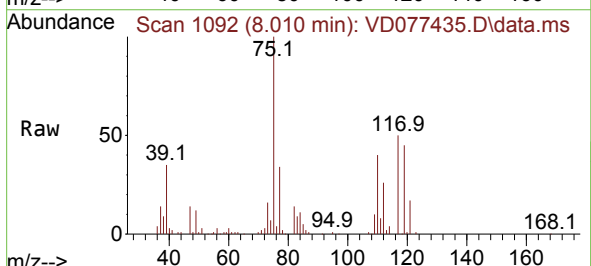
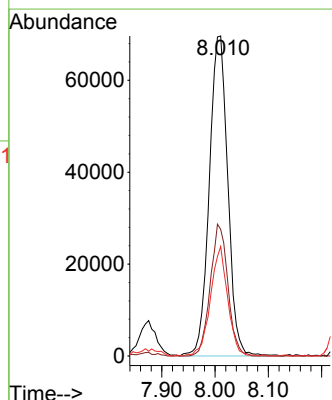
Tgt Ion: 75 Resp: 167861

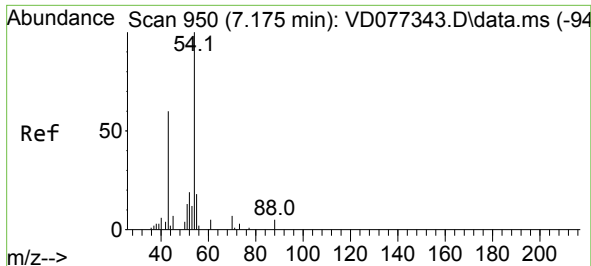
Ion Ratio Lower Upper

75 100

110 39.0 19.9 59.6

77 31.9 24.7 37.1





#37

Ethyl Acetate

Concen: 43.162 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.012 min

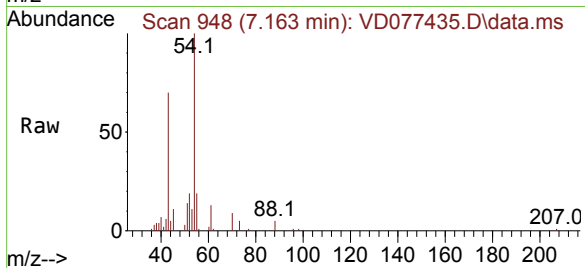
Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :



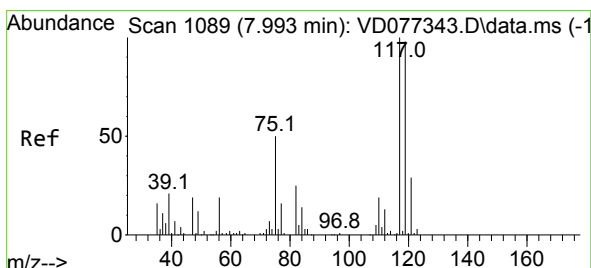
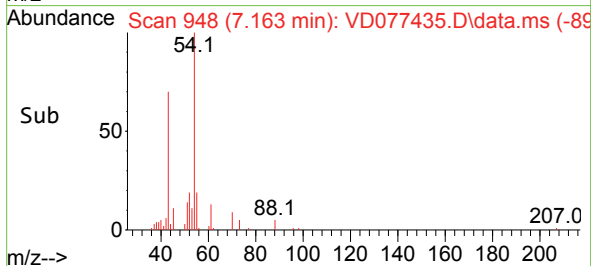
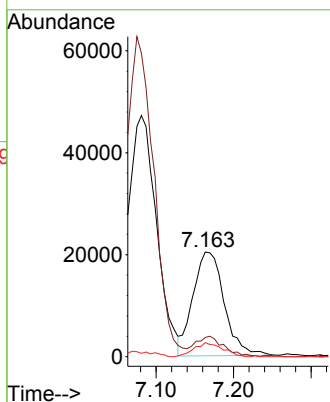
Tgt Ion: 43 Resp: 56879

Ion Ratio Lower Upper

43 100

61 17.7 14.9 22.3

70 12.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 38.182 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

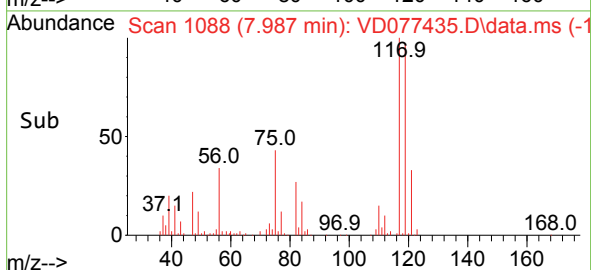
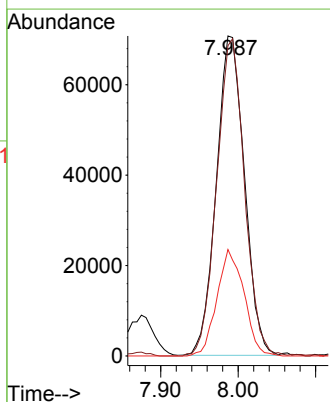
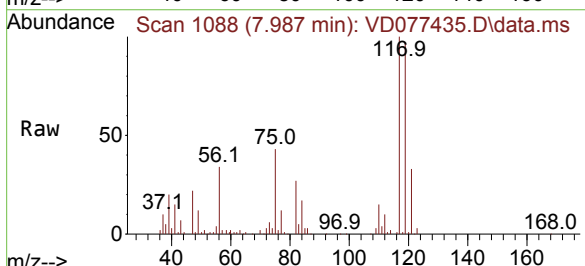
Tgt Ion: 117 Resp: 178194

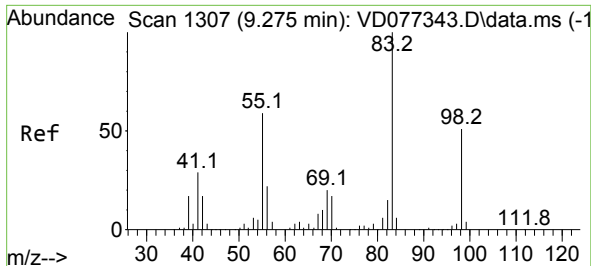
Ion Ratio Lower Upper

117 100

119 97.2 78.0 117.0

121 33.3 24.2 36.2





#39

Methylcyclohexane

Concen: 44.230 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :

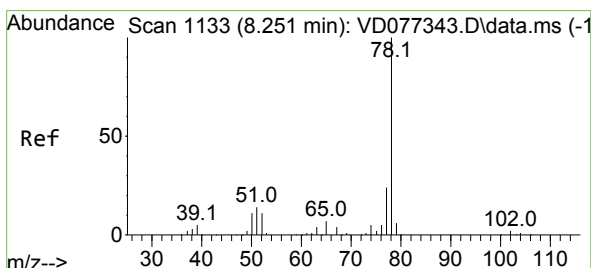
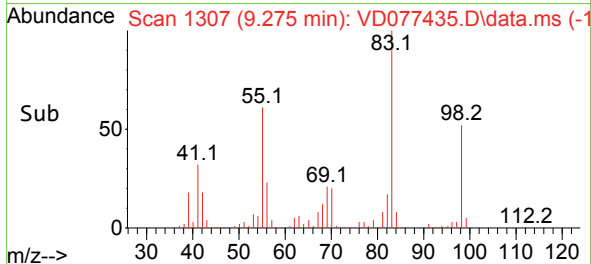
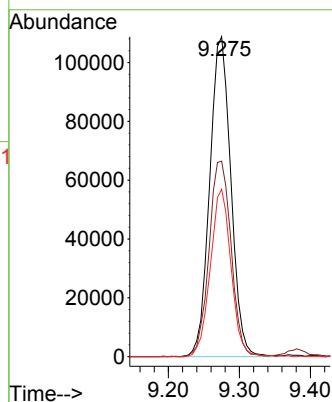
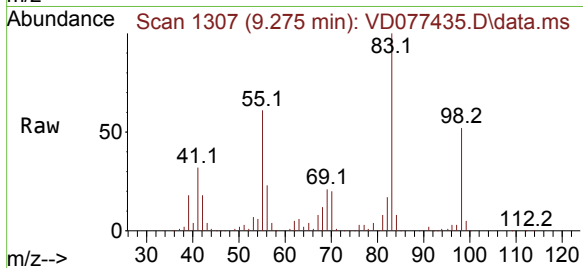
Tgt Ion: 83 Resp: 225466

Ion Ratio Lower Upper

83 100

55 61.1 49.4 74.0

98 52.4 38.4 57.6



#40

Benzene

Concen: 41.157 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077435.D

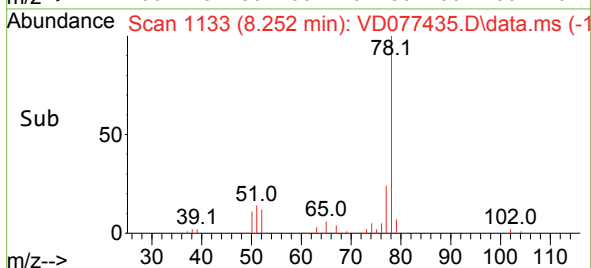
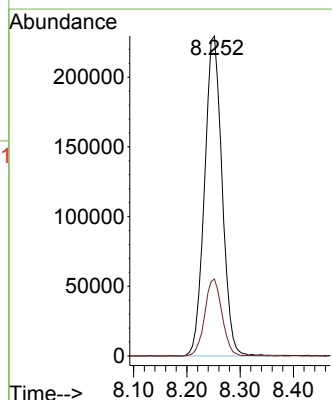
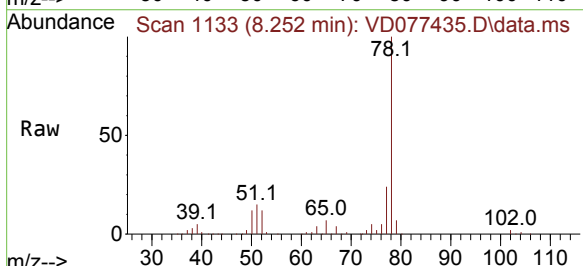
Acq: 26 Oct 2023 18:58

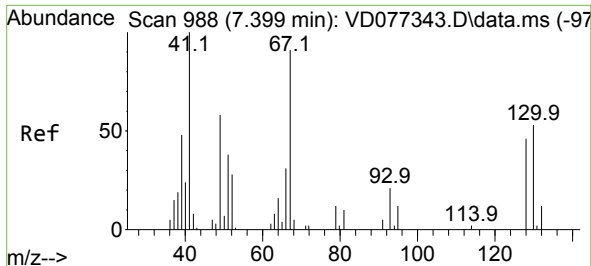
Tgt Ion: 78 Resp: 523980

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

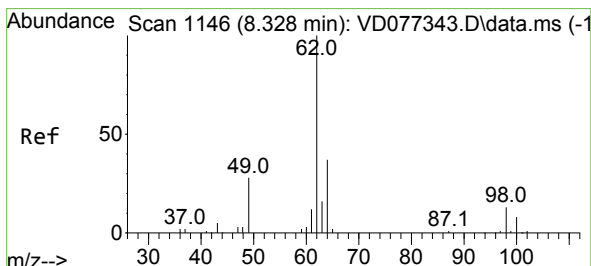
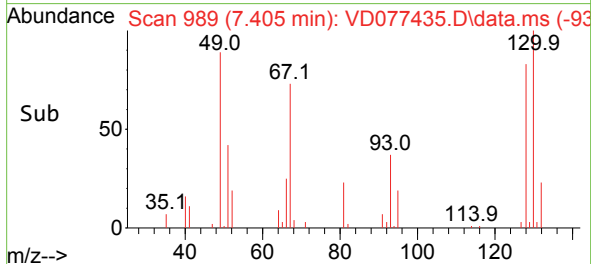
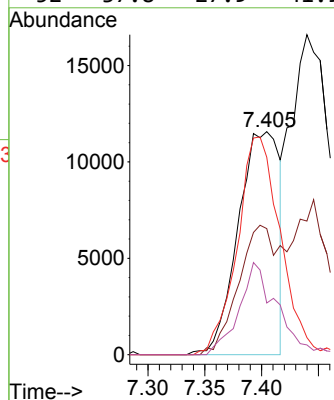
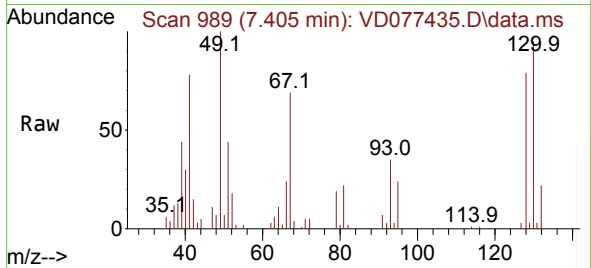




#41
Methacrylonitrile
Concen: 46.661 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

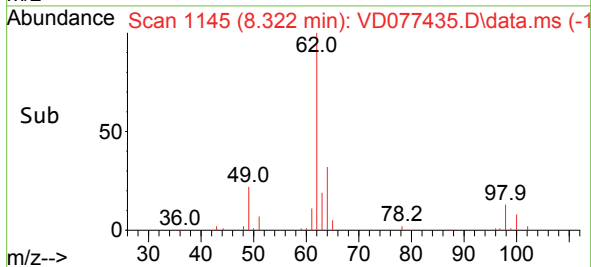
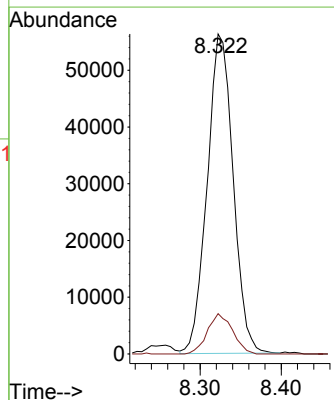
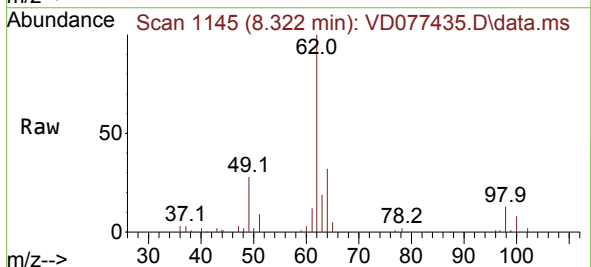
Instrument :
MSVOA_D
ClientSampleId :

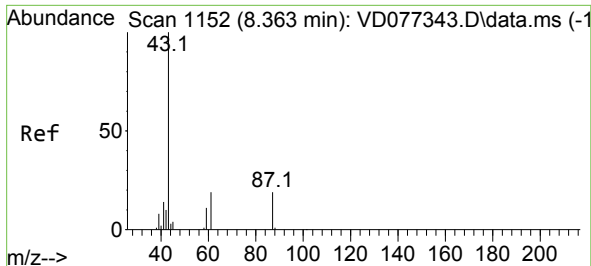
Tgt Ion: 41 Resp: 29346
Ion Ratio Lower Upper
41 100
39 61.6 34.0 51.0#
67 102.3 77.0 115.4
52 37.8 27.9 41.9



#42
1,2-Dichloroethane
Concen: 41.759 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

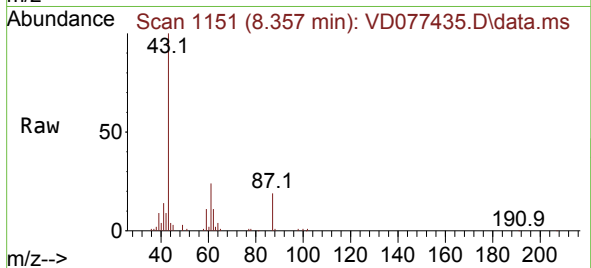
Tgt Ion: 62 Resp: 125225
Ion Ratio Lower Upper
62 100
98 12.2 0.0 25.4



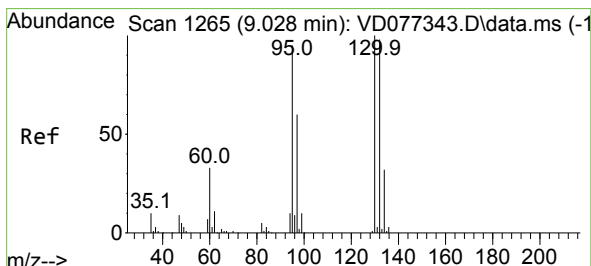
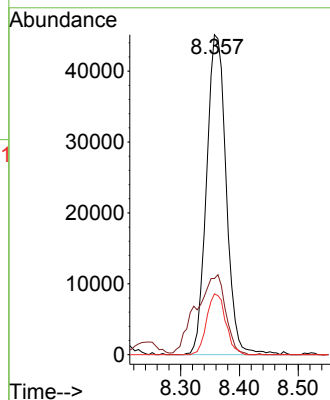
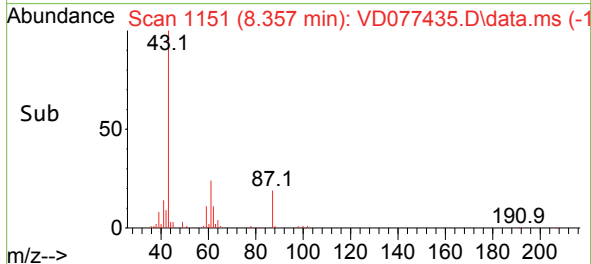


#43
Isopropyl Acetate
Concen: 44.115 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Instrument :
MSVOA_D
ClientSampleId :

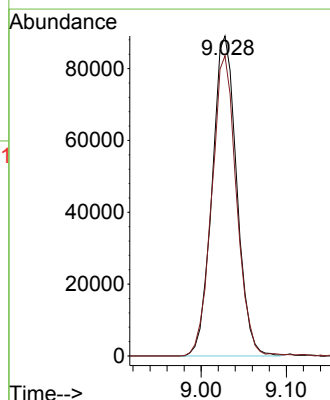
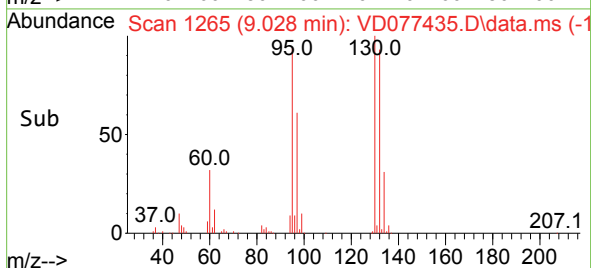
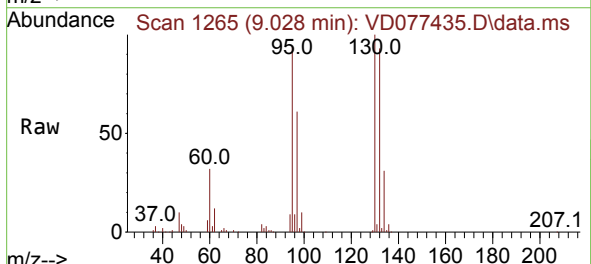


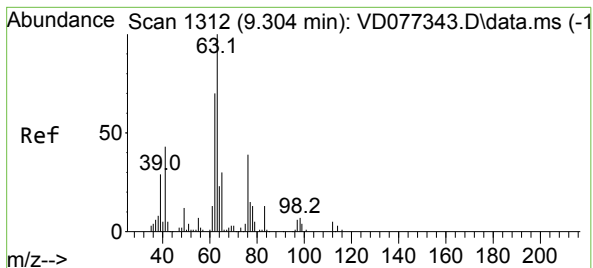
Tgt Ion: 43 Resp: 104657
Ion Ratio Lower Upper
43 100
61 37.5 31.4 47.0
87 18.4 14.9 22.3



#44
Trichloroethene
Concen: 47.877 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion:130 Resp: 178210
Ion Ratio Lower Upper
130 100
95 93.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.659 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

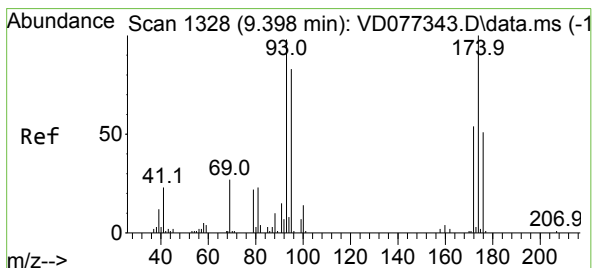
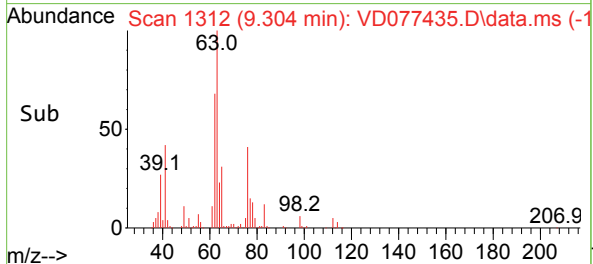
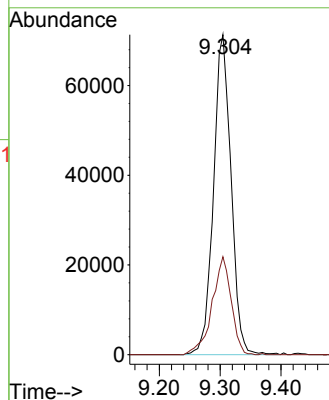
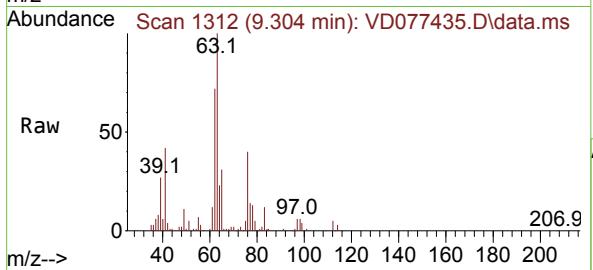
ClientSampleId :

Tgt Ion: 63 Resp: 142803

Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7



#46

Dibromomethane

Concen: 45.404 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

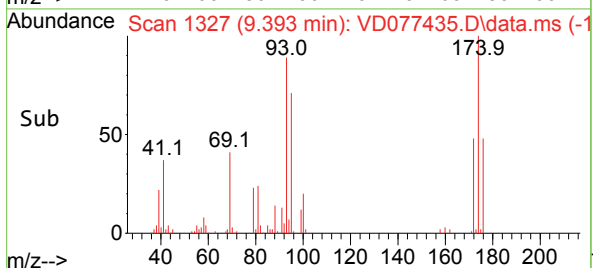
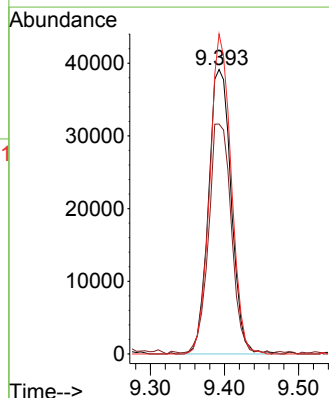
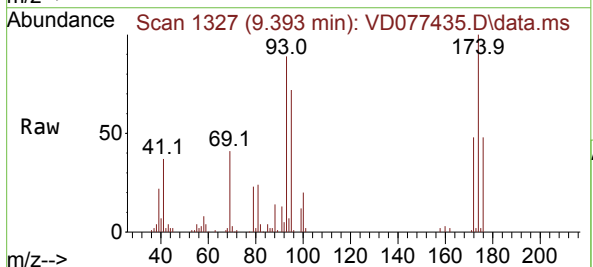
Tgt Ion: 93 Resp: 83306

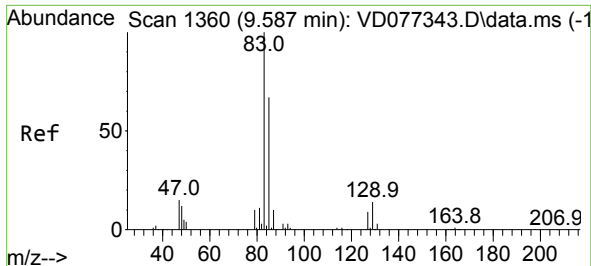
Ion Ratio Lower Upper

93 100

95 81.5 67.7 101.5

174 105.8 85.4 128.2

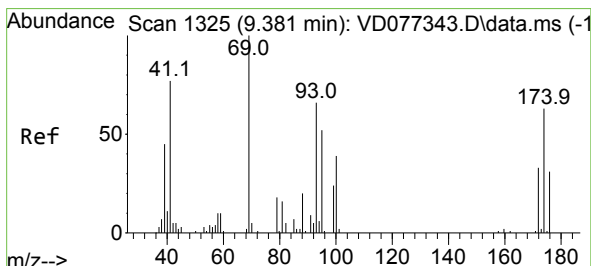
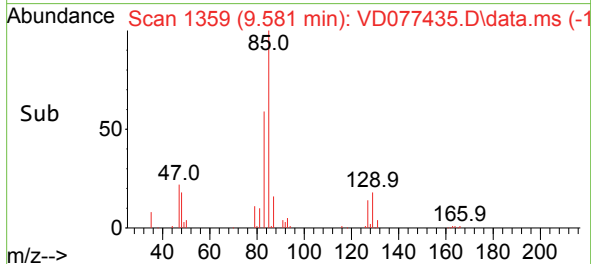
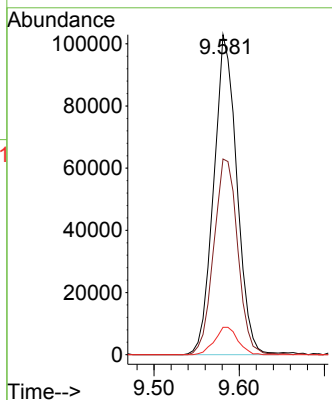
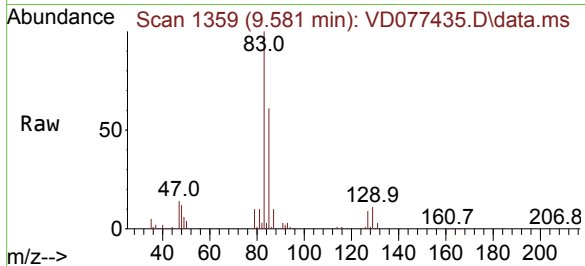




#47
Bromodichloromethane
Concen: 44.362 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

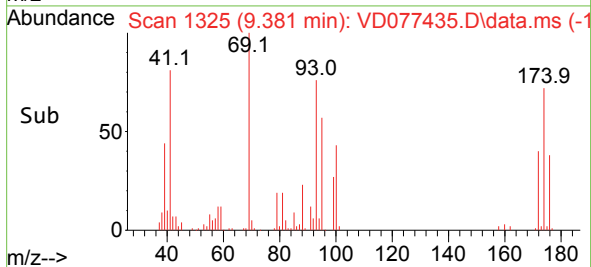
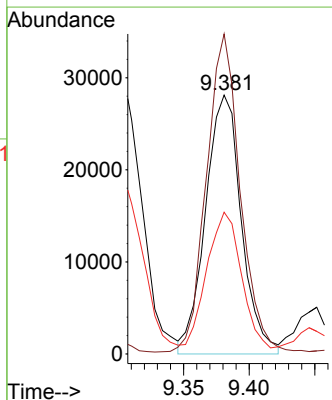
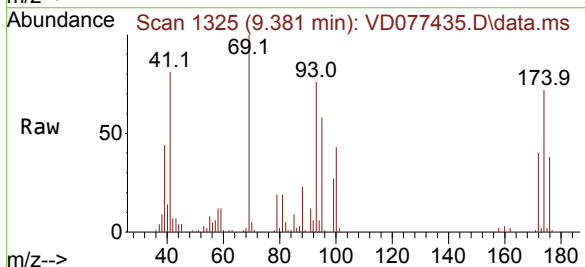
Instrument :
MSVOA_D
ClientSampleId :

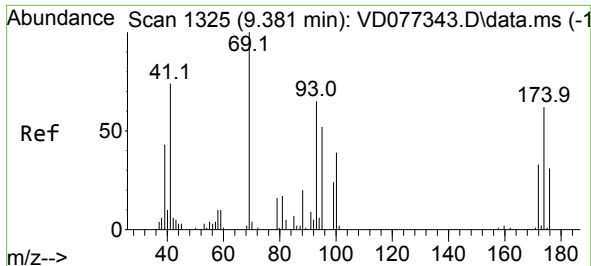
Tgt Ion: 83 Resp: 194083
Ion Ratio Lower Upper
83 100
85 61.1 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 49.745 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

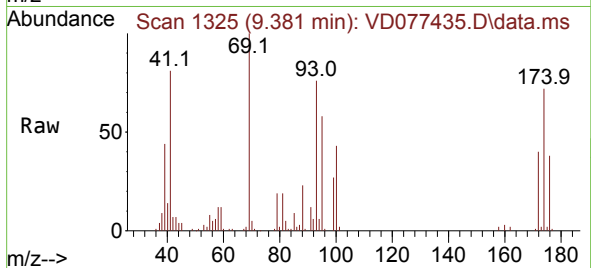
Tgt Ion: 41 Resp: 53388
Ion Ratio Lower Upper
41 100
69 115.9 102.2 153.2
39 55.0 41.4 62.2





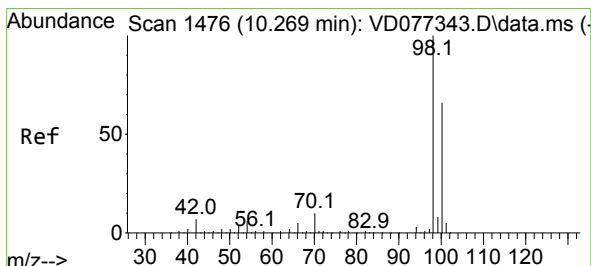
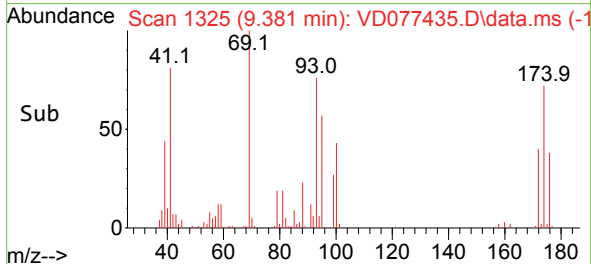
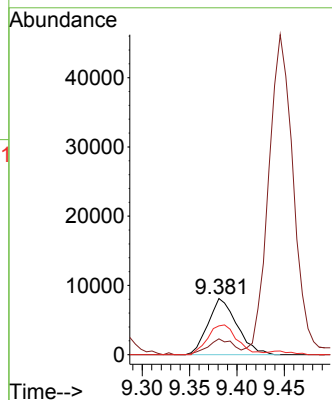
#49
1,4-Dioxane
Concen: 954.614 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 88 Resp: 17174

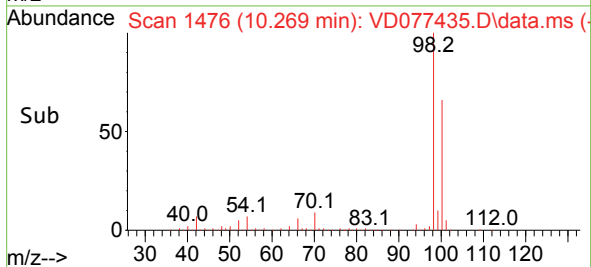
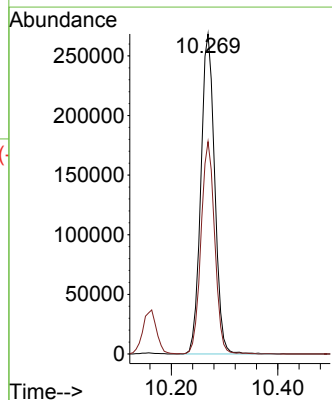
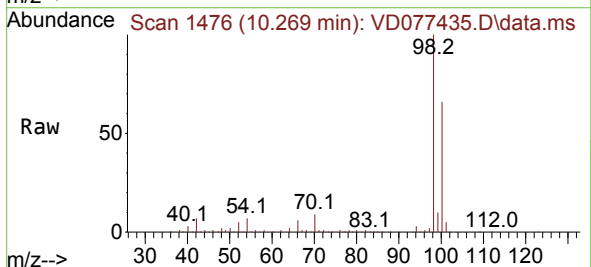
Ion	Ratio	Lower	Upper
88	100		
43	24.9	19.0	28.6
58	53.9	43.5	65.3

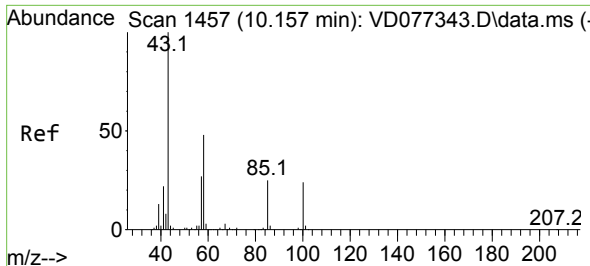


#50
Toluene-d8
Concen: 42.241 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion: 98 Resp: 482999

Ion	Ratio	Lower	Upper
98	100		
100	65.8	50.3	75.5

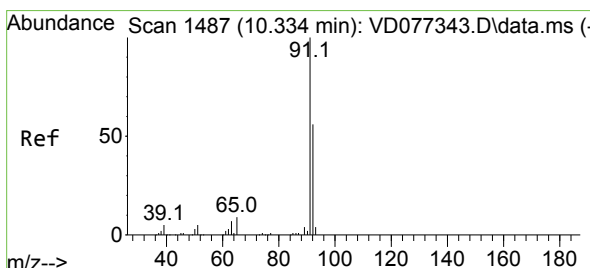
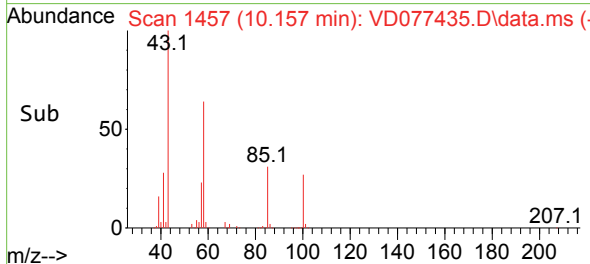
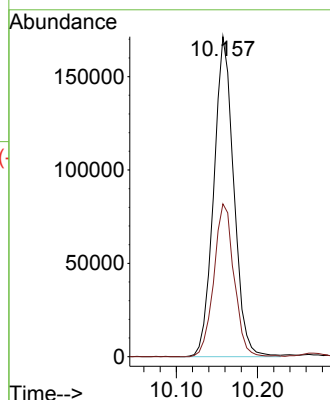
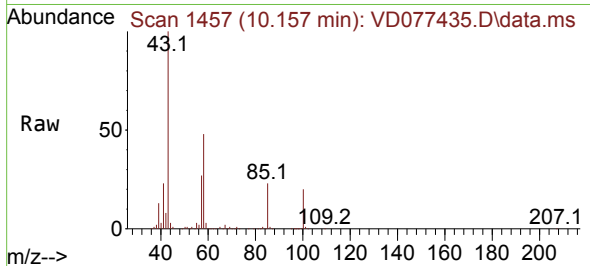




#51
4-Methyl-2-Pentanone
Concen: 247.194 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

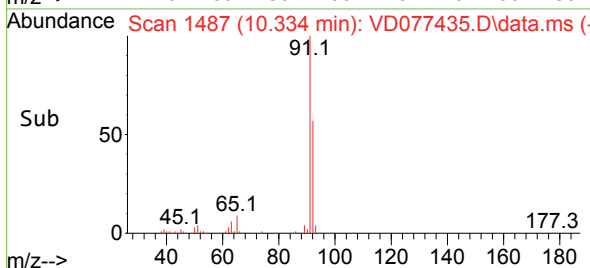
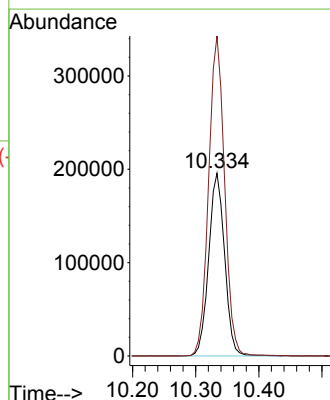
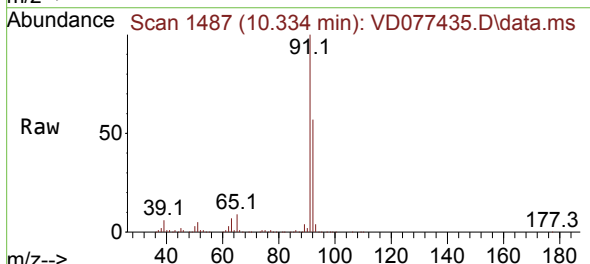
Instrument :
MSVOA_D
ClientSampleId :

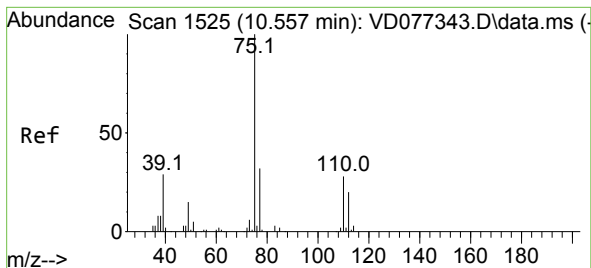
Tgt Ion: 43 Resp: 293971
Ion Ratio Lower Upper
43 100
58 48.2 38.9 58.3



#52
Toluene
Concen: 41.167 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion: 92 Resp: 342203
Ion Ratio Lower Upper
92 100
91 176.0 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 42.198 ug/l

RT: 10.551 min Scan# 1525

Delta R.T. -0.006 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

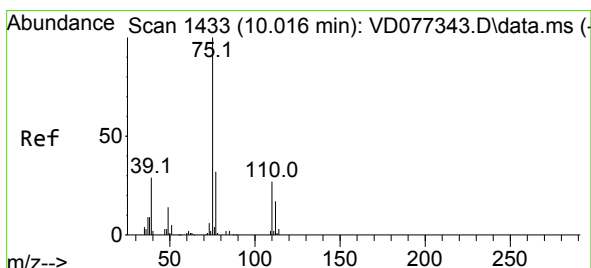
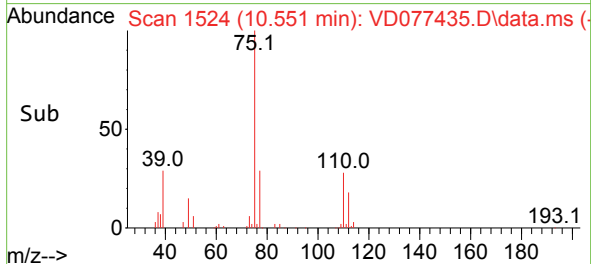
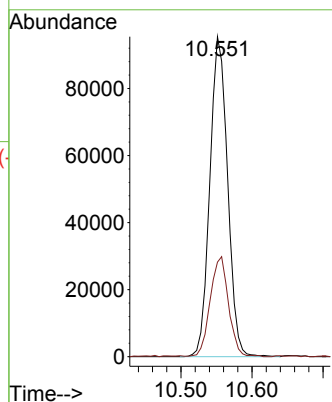
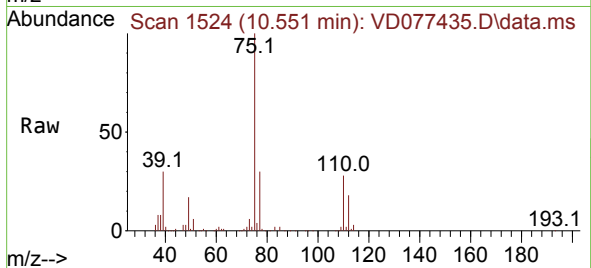
ClientSampleId :

Tgt Ion: 75 Resp: 165716

Ion Ratio Lower Upper

75 100

77 29.3 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 45.558 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

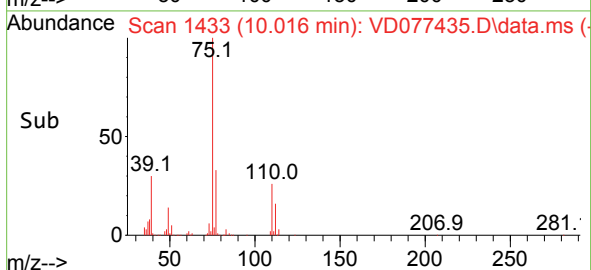
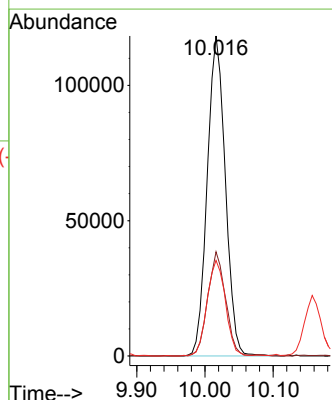
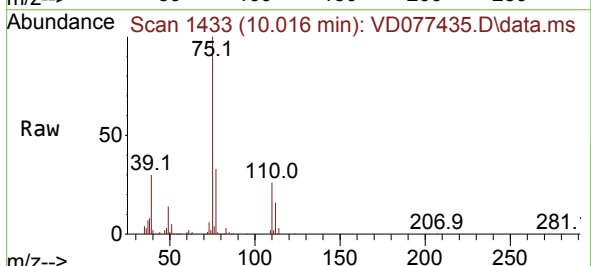
Tgt Ion: 75 Resp: 218900

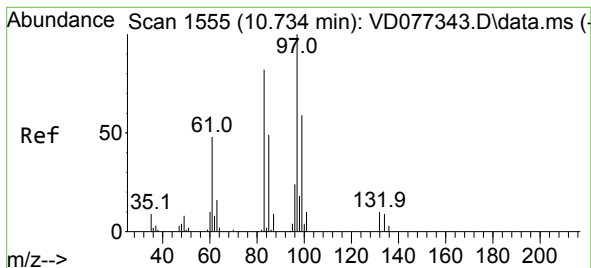
Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3

39 29.8 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 42.575 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

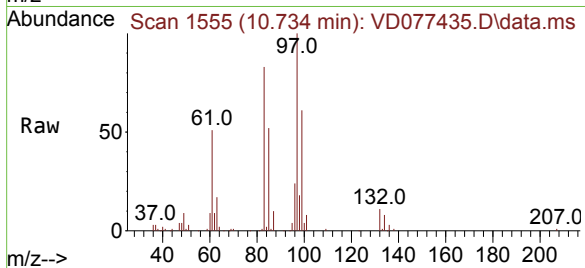
Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 108191

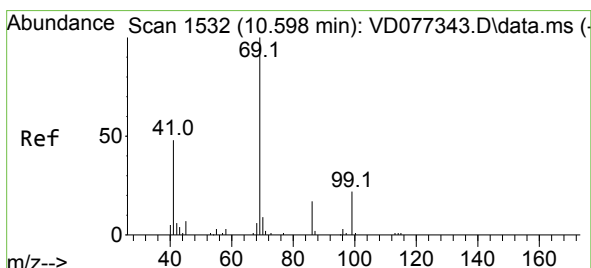
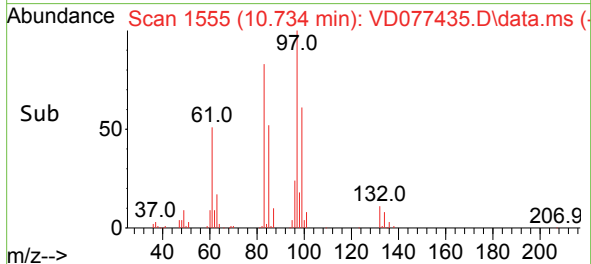
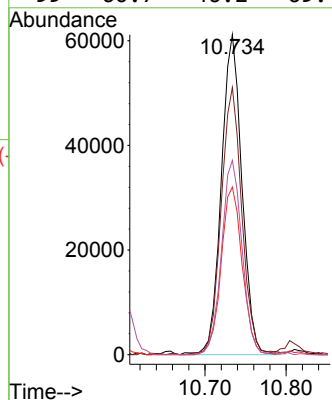
Ion Ratio Lower Upper

97 100

83 83.5 65.8 98.6

85 52.4 45.7 68.5

99 60.7 46.2 69.4



#56

Ethyl methacrylate

Concen: 44.782 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

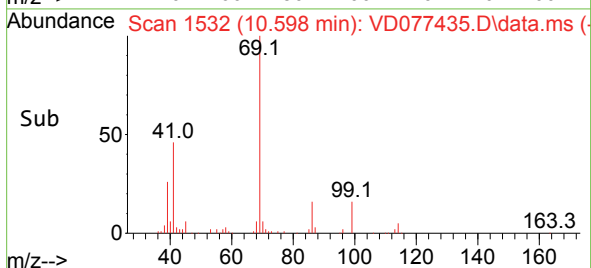
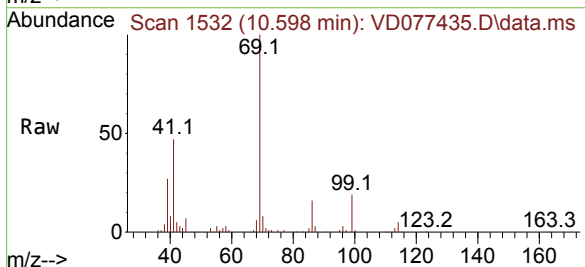
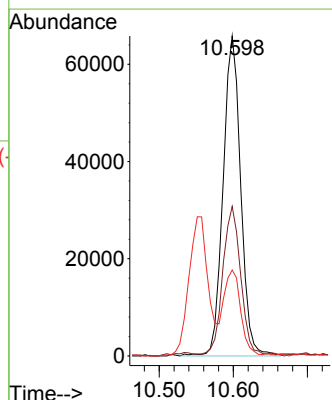
Tgt Ion: 69 Resp: 108758

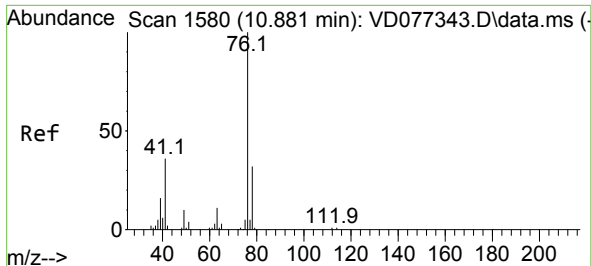
Ion Ratio Lower Upper

69 100

41 46.5 39.1 58.7

39 24.5 20.0 30.0





#57

1,3-Dichloropropane

Concen: 42.514 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

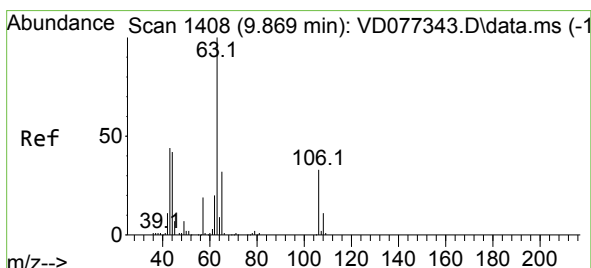
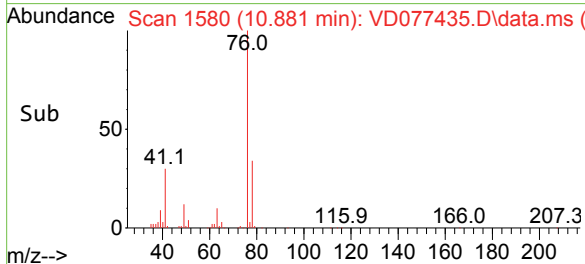
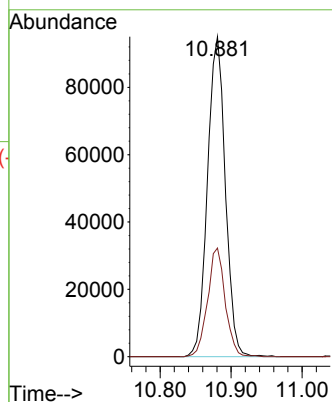
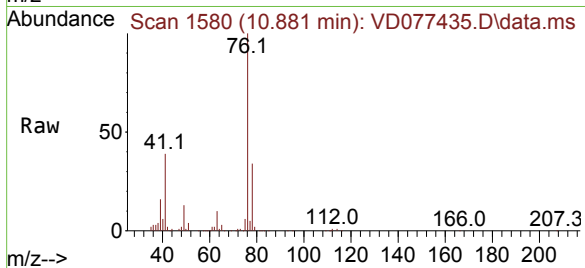
ClientSampleId :

Tgt Ion: 76 Resp: 165957

Ion Ratio Lower Upper

76 100

78 33.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 244.433 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077435.D

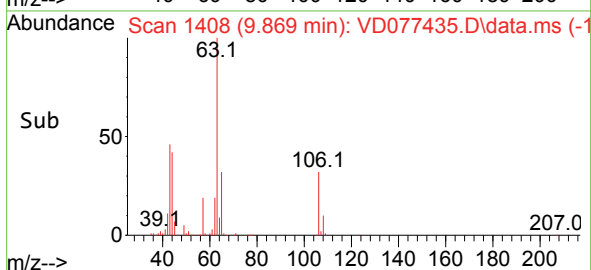
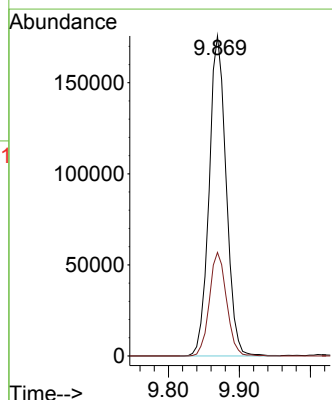
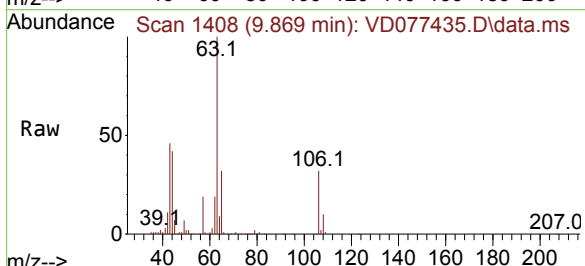
Acq: 26 Oct 2023 18:58

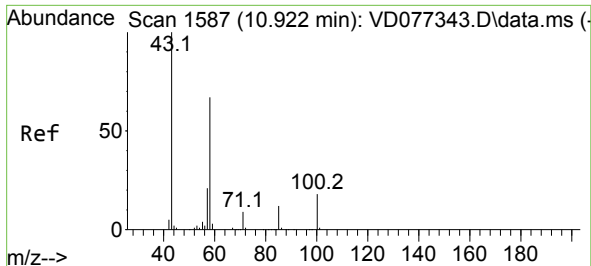
Tgt Ion: 63 Resp: 293565

Ion Ratio Lower Upper

63 100

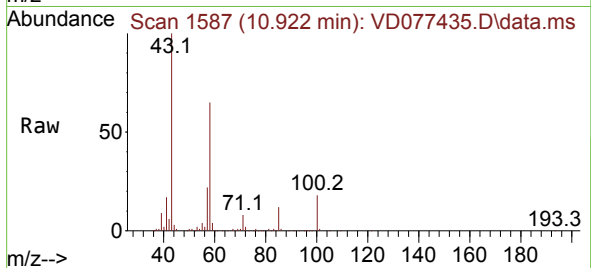
106 32.5 25.3 37.9



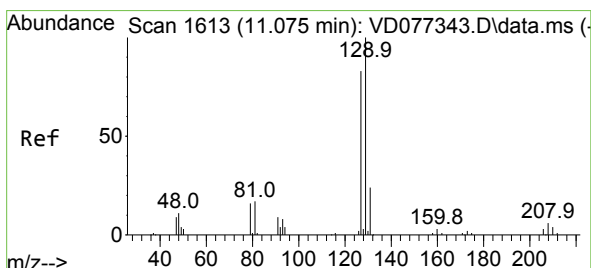
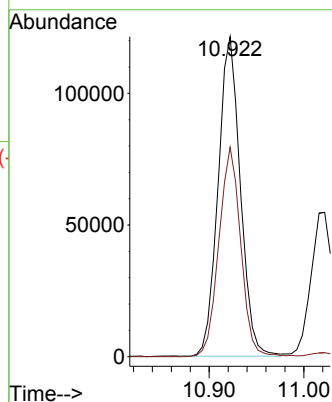
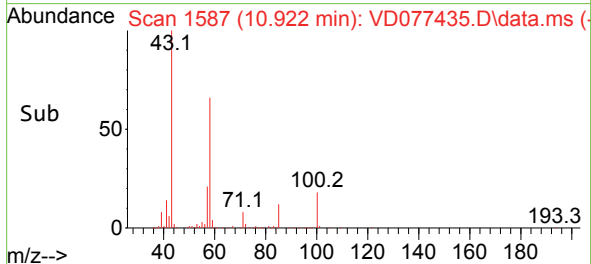


#59
2-Hexanone
Concen: 231.857 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Instrument :
MSVOA_D
ClientSampleId :

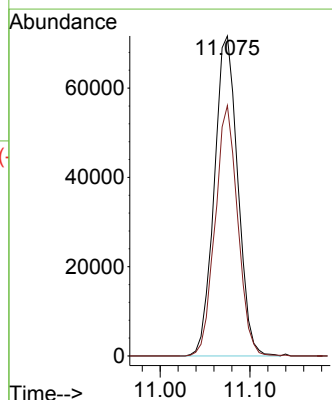
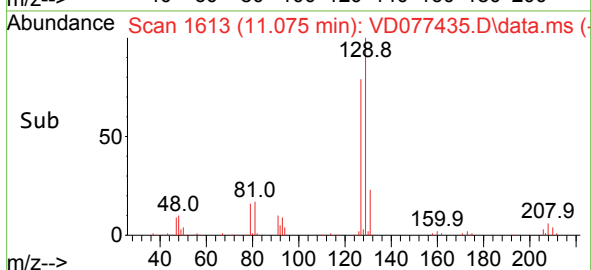
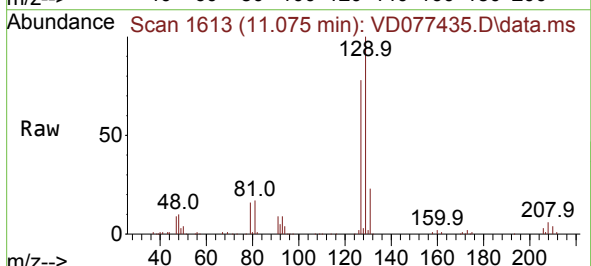


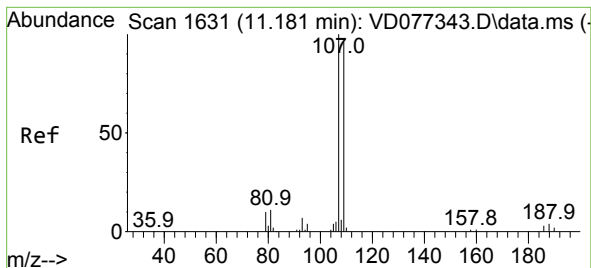
Tgt Ion: 43 Resp: 198035
Ion Ratio Lower Upper
43 100
58 64.3 34.1 102.2



#60
Dibromochloromethane
Concen: 40.153 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion:129 Resp: 130291
Ion Ratio Lower Upper
129 100
127 75.2 37.1 111.5

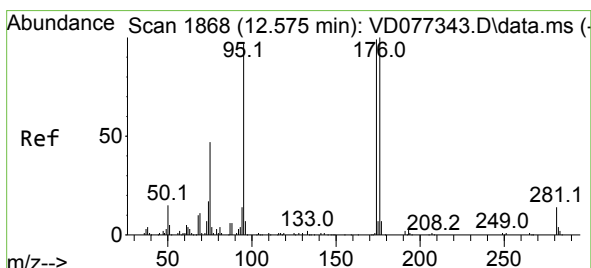
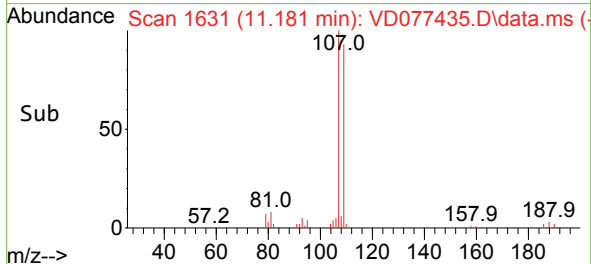
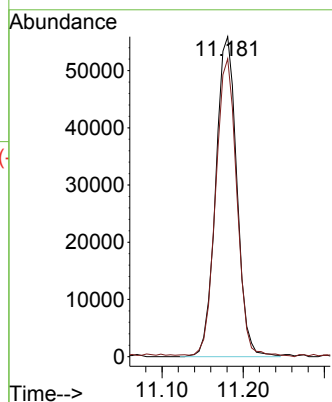
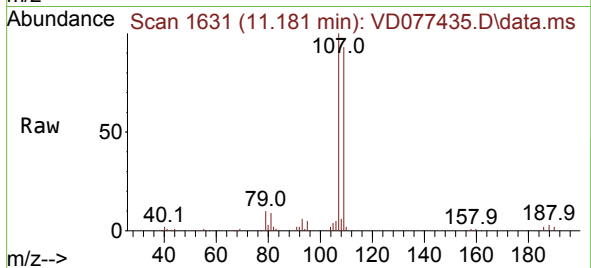




#61
1,2-Dibromoethane
Concen: 42.158 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

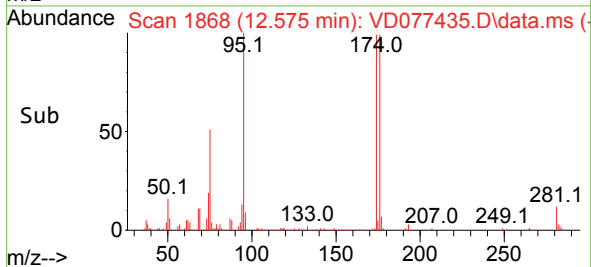
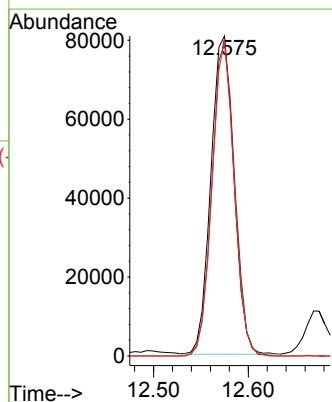
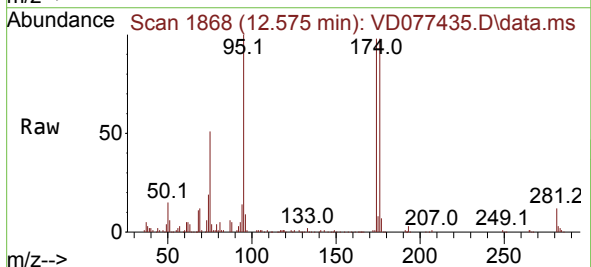
Instrument :
MSVOA_D
ClientSampleId :

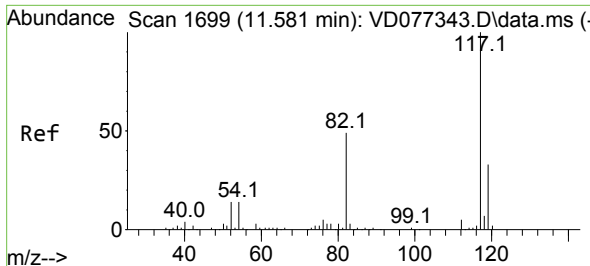
Tgt Ion:107 Resp: 100951
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 41.367 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

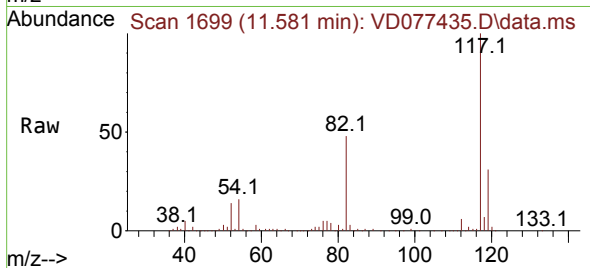
Tgt Ion: 95 Resp: 136157
Ion Ratio Lower Upper
95 100
174 97.6 0.0 201.8
176 94.4 0.0 191.8



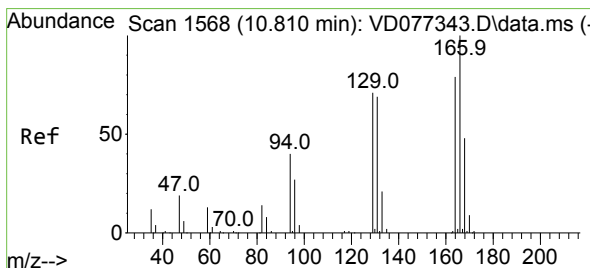
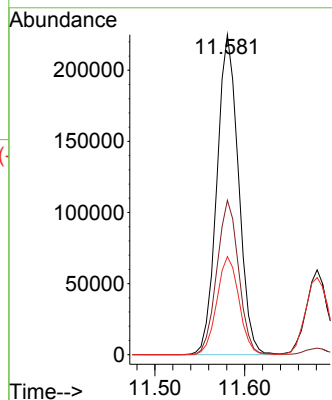
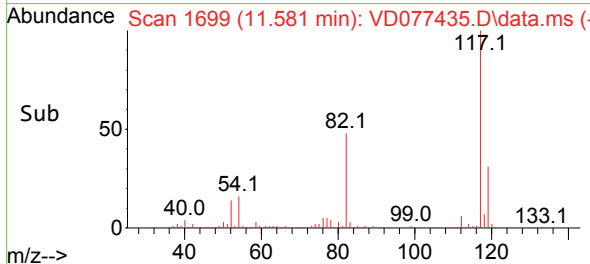


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

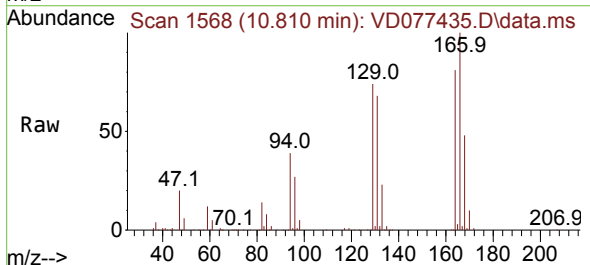
Instrument :
MSVOA_D
ClientSampleId :



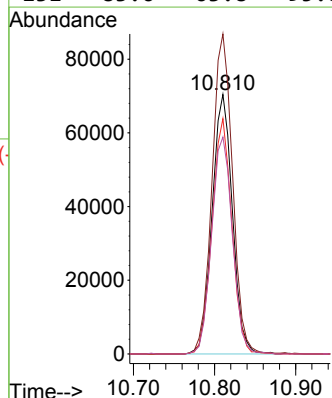
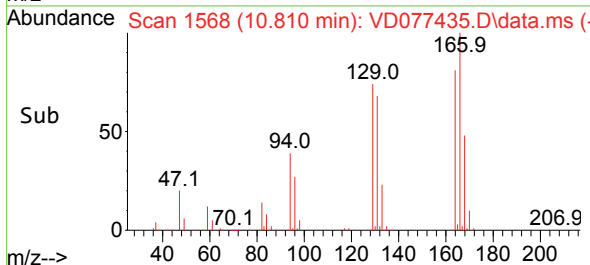
Tgt Ion:117 Resp: 376598
Ion Ratio Lower Upper
117 100
82 48.2 38.3 57.5
119 30.6 25.0 37.4

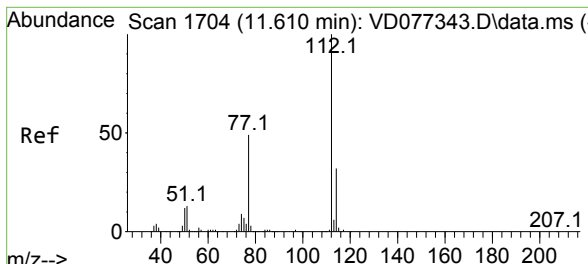


#64
Tetrachloroethene
Concen: 43.641 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58



Tgt Ion:164 Resp: 122157
Ion Ratio Lower Upper
164 100
166 123.3 99.2 148.8
129 90.7 68.4 102.6
131 83.6 63.8 95.8

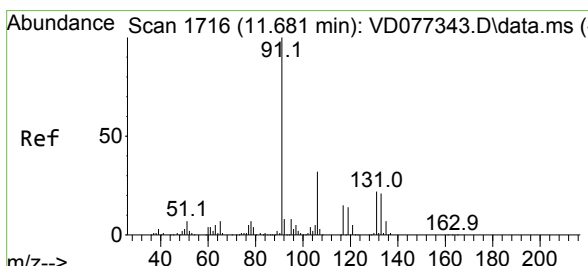
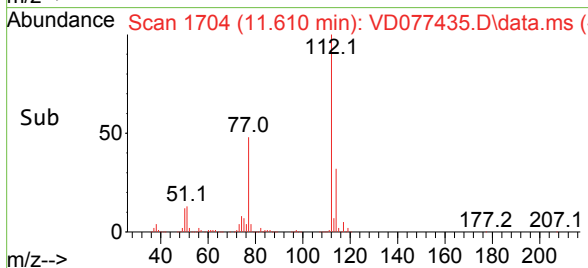
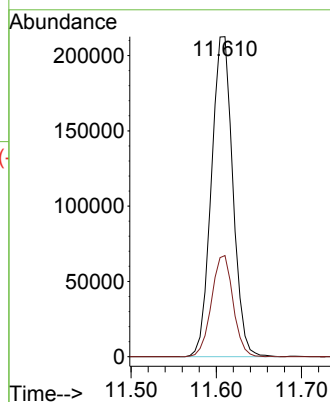
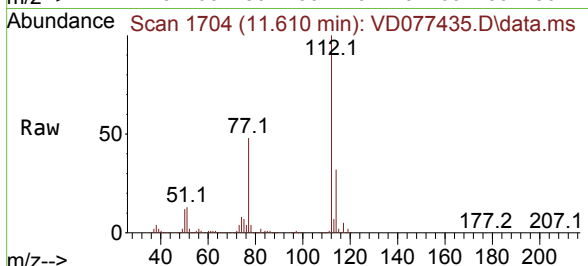




#65
Chlorobenzene
Concen: 45.300 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

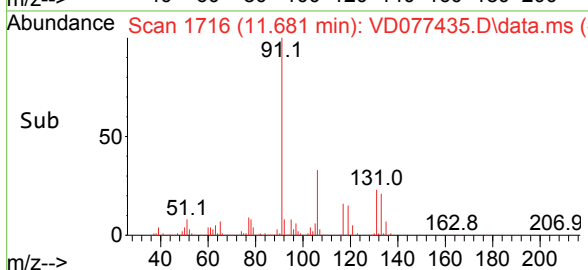
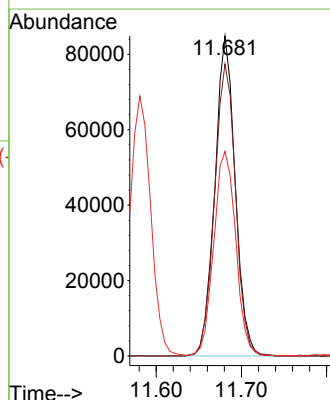
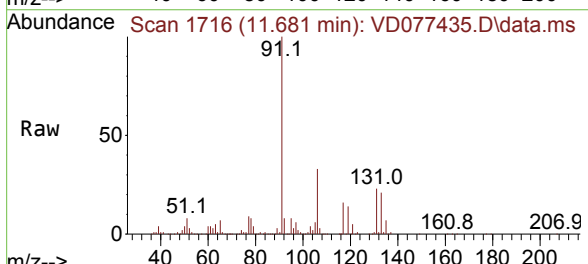
Instrument :
MSVOA_D
ClientSampleId :

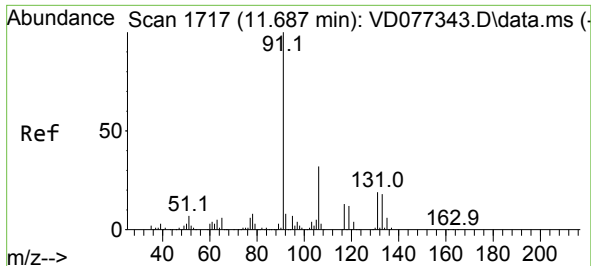
Tgt Ion:112 Resp: 371854
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 45.146 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion:131 Resp: 140873
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.5
119 69.2 35.6 106.9

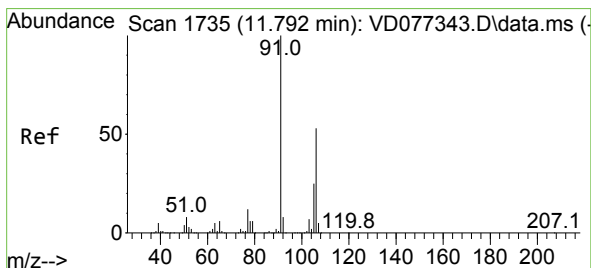
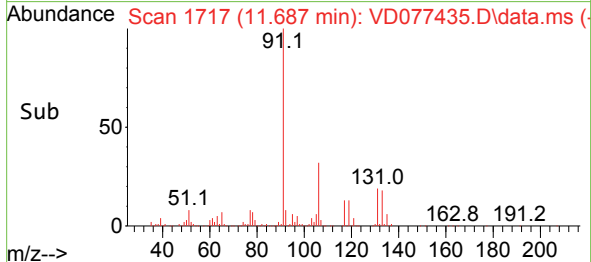
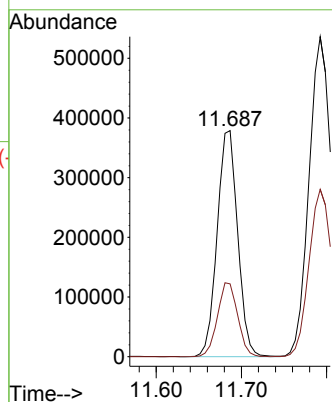
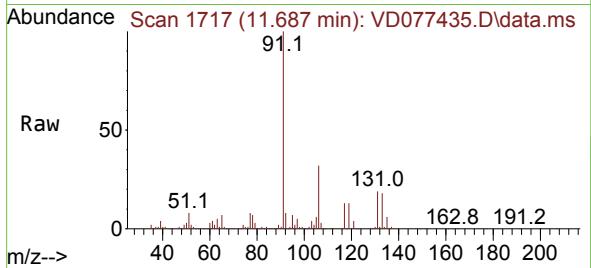




#67
Ethyl Benzene
Concen: 46.630 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

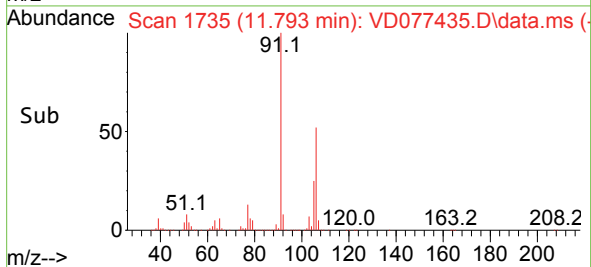
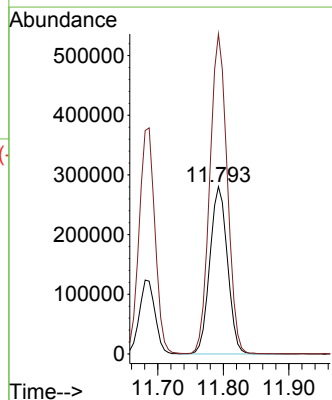
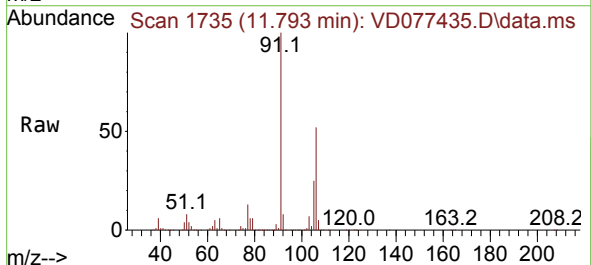
Instrument :
MSVOA_D
ClientSampleId :

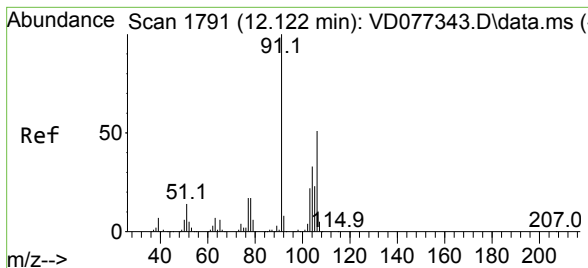
Tgt Ion: 91 Resp: 634519
Ion Ratio Lower Upper
91 100
106 32.2 26.5 39.7



#68
m/p-Xylenes
Concen: 93.818 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion:106 Resp: 524233
Ion Ratio Lower Upper
106 100
91 188.7 147.0 220.6

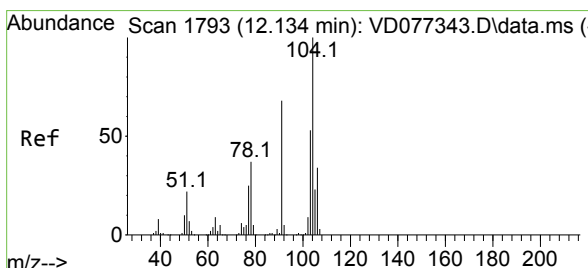
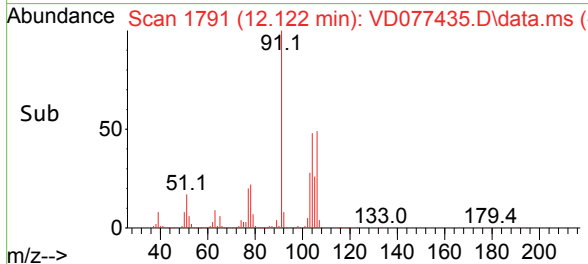
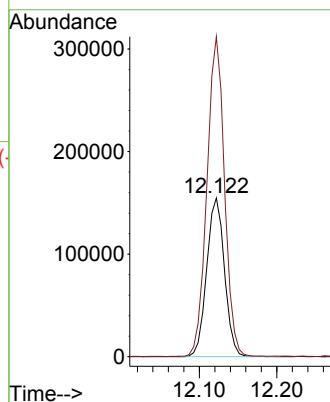
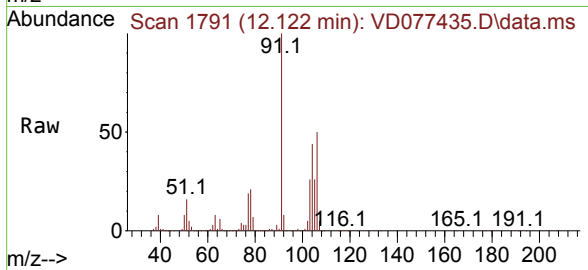




#69
o-Xylene
Concen: 47.865 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

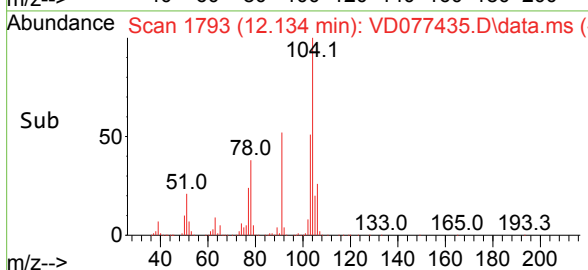
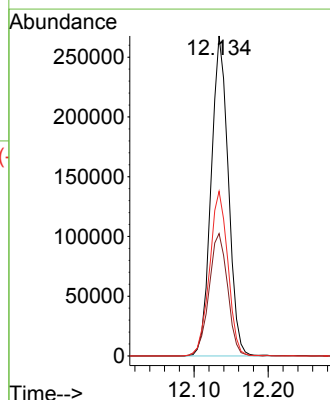
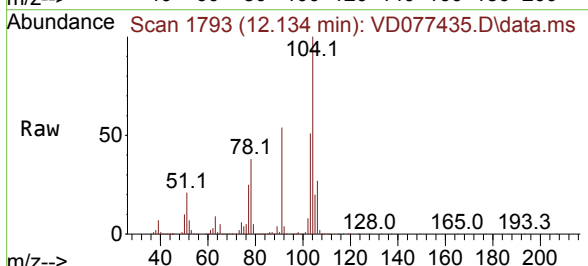
Instrument :
MSVOA_D
ClientSampleId :

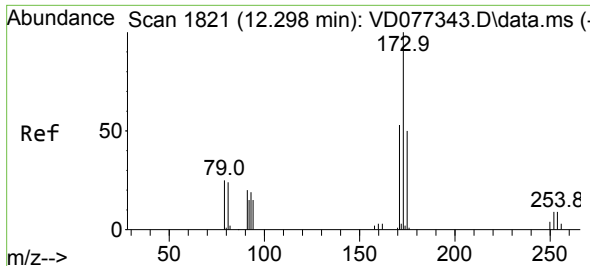
Tgt Ion:106 Resp: 246214
Ion Ratio Lower Upper
106 100
91 199.6 97.9 293.6



#70
Styrene
Concen: 49.144 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion:104 Resp: 431300
Ion Ratio Lower Upper
104 100
78 41.4 33.2 49.8
103 54.9 43.6 65.4

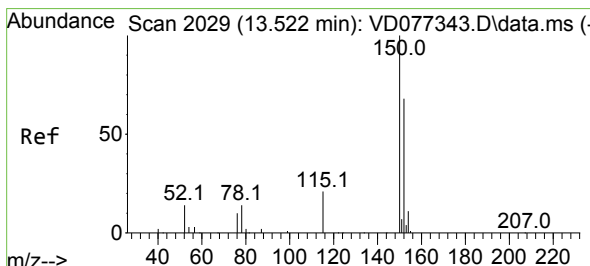
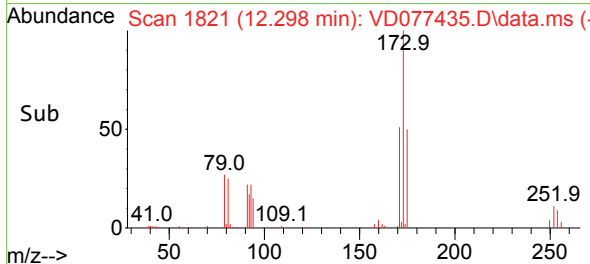
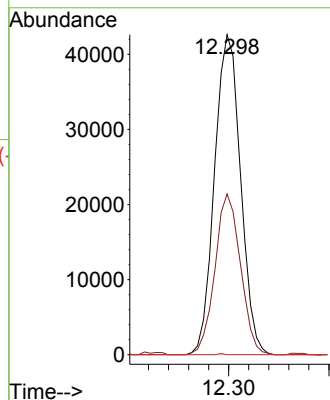
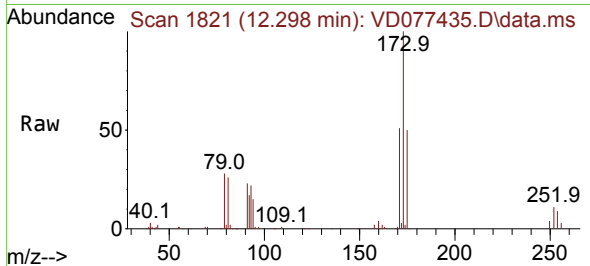




#71
Bromoform
Concen: 44.839 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

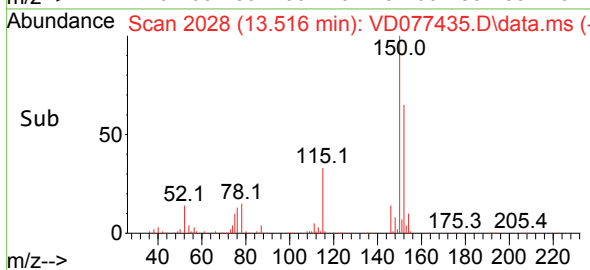
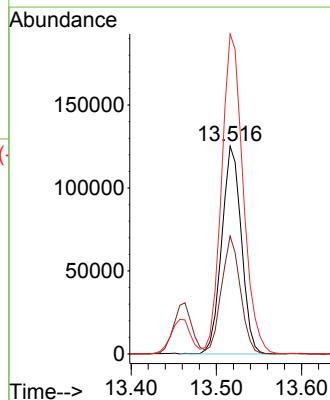
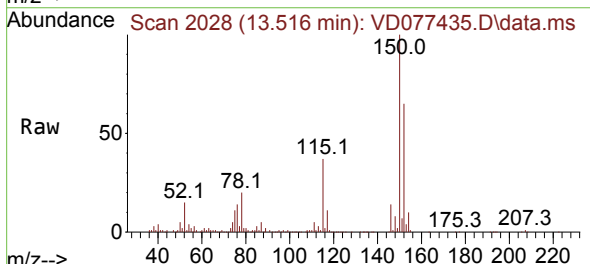
Instrument :
MSVOA_D
ClientSampleId :

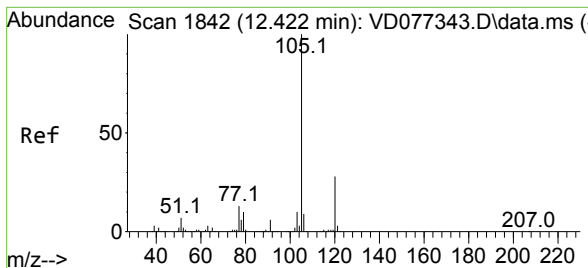
Tgt Ion:173 Resp: 76699
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion:152 Resp: 200964
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.3
150 168.6 0.0 353.6





#73

Isopropylbenzene

Concen: 47.673 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

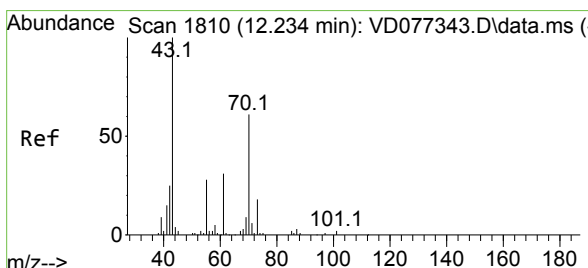
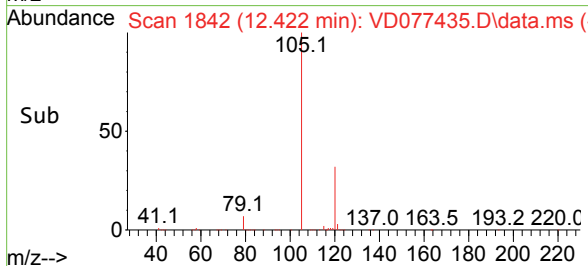
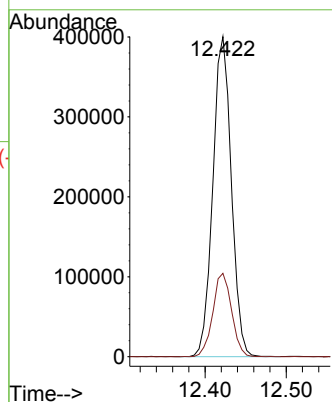
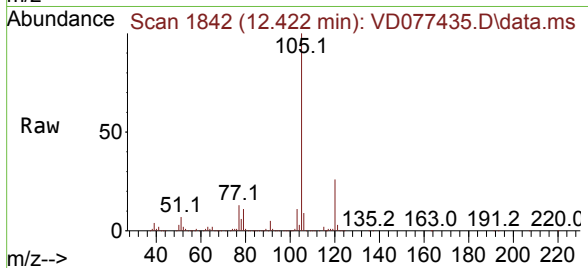
ClientSampleId :

Tgt Ion:105 Resp: 633697

Ion Ratio Lower Upper

105 100

120 26.4 14.3 42.9



#74

N-ethyl acetate

Concen: 51.990 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Tgt Ion: 43 Resp: 99418

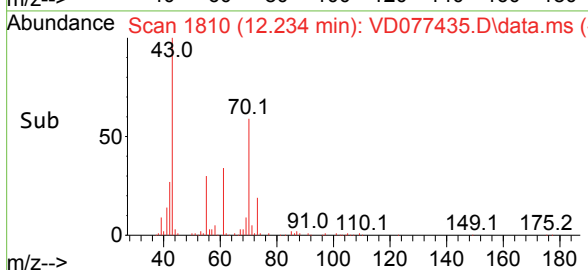
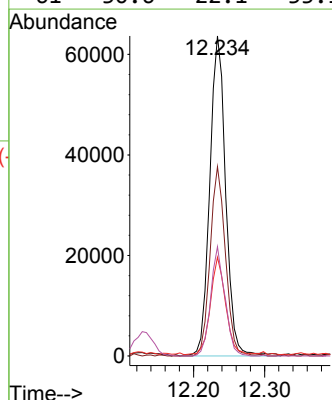
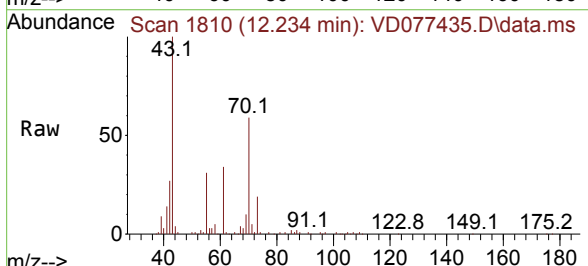
Ion Ratio Lower Upper

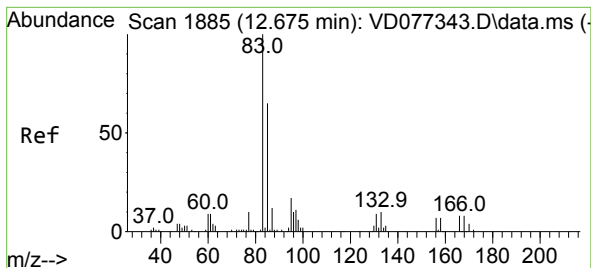
43 100

70 56.7 45.0 67.4

55 28.3 23.8 35.6

61 30.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.822 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :

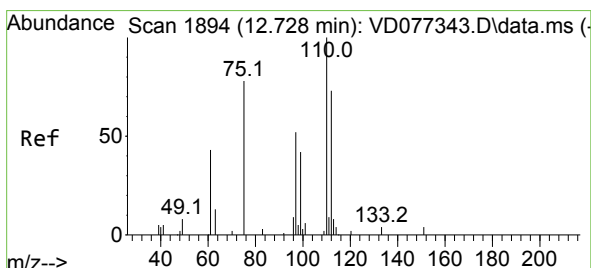
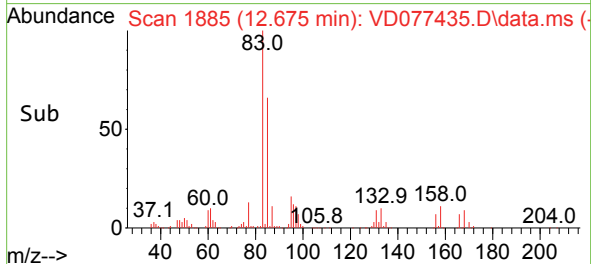
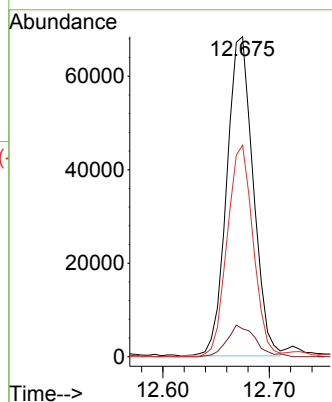
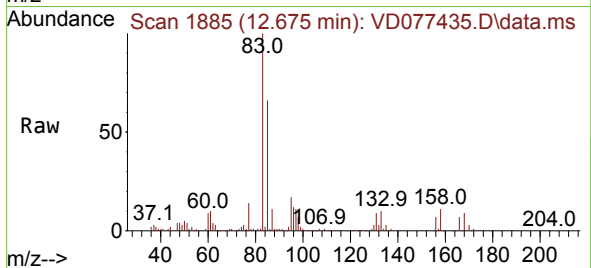
Tgt Ion: 83 Resp: 117930

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 65.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 50.570 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD077435.D

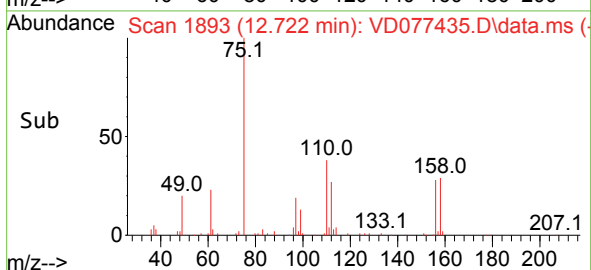
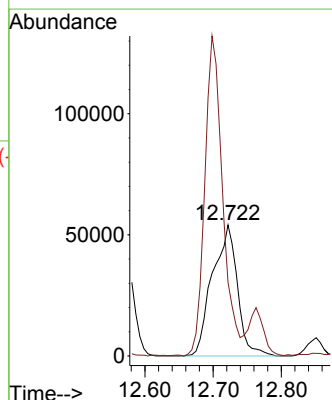
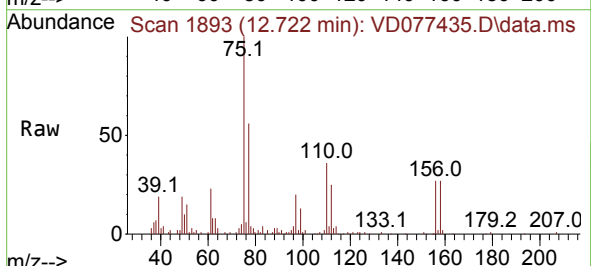
Acq: 26 Oct 2023 18:58

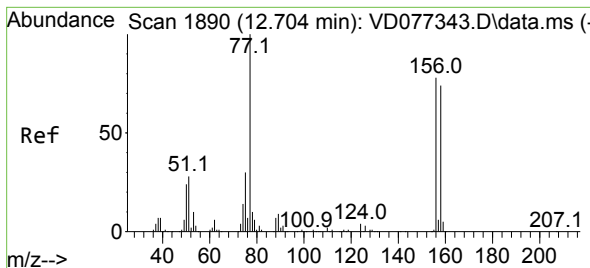
Tgt Ion: 75 Resp: 138057

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.551 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :

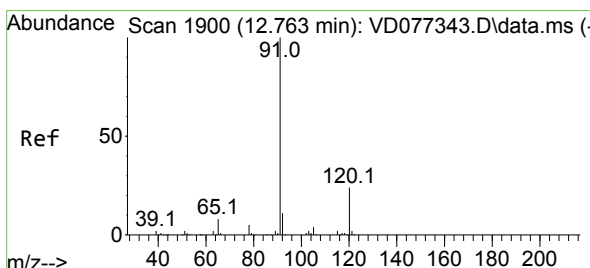
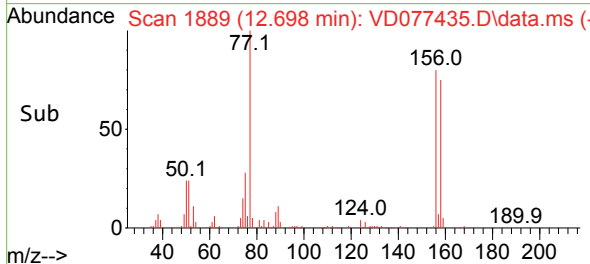
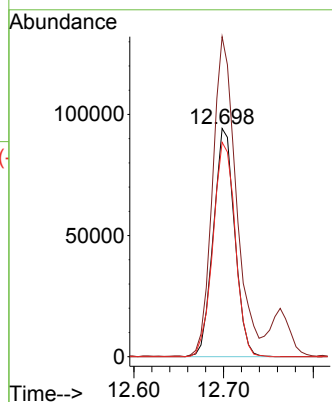
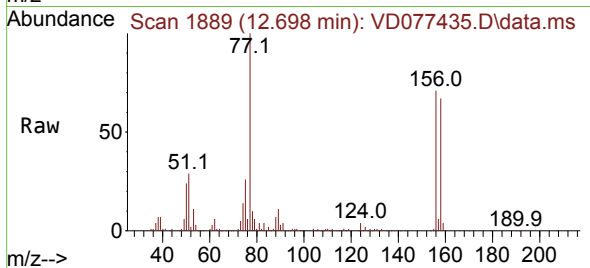
Tgt Ion:156 Resp: 155473

Ion Ratio Lower Upper

156 100

77 153.9 76.8 230.4

158 97.6 48.6 145.9



#78

n-propylbenzene

Concen: 47.653 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077435.D

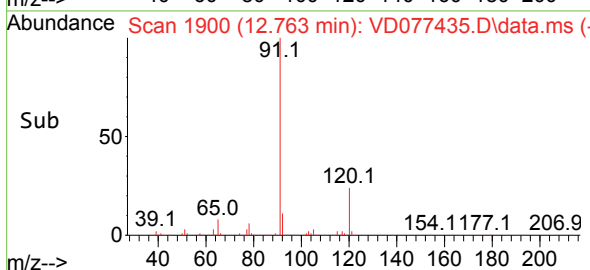
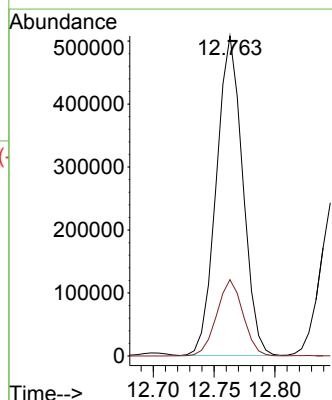
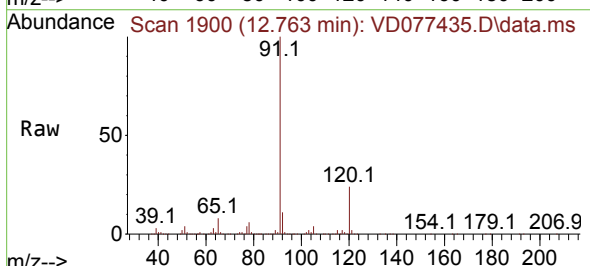
Acq: 26 Oct 2023 18:58

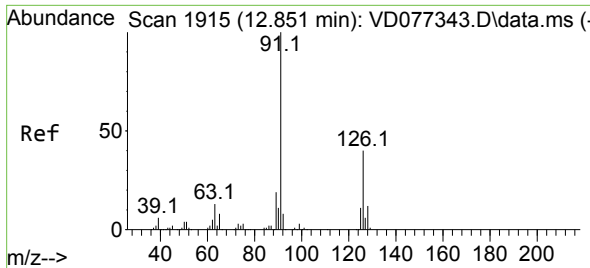
Tgt Ion: 91 Resp: 762865

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.2

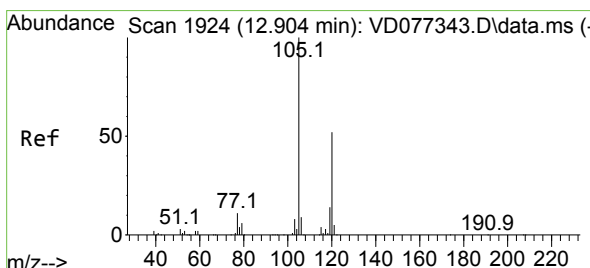
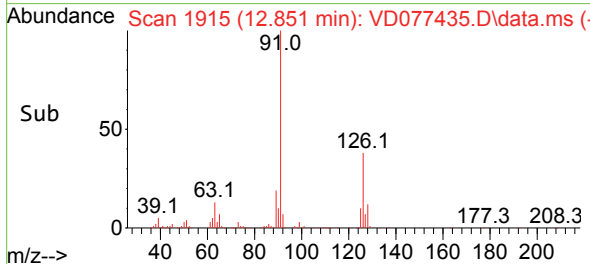
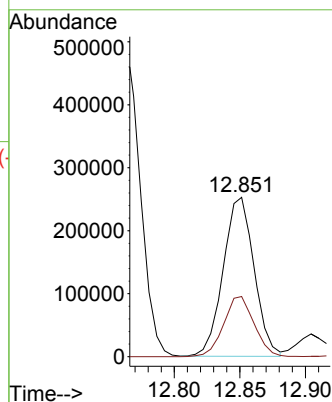
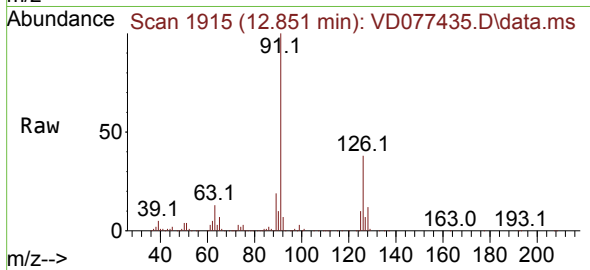




#79
2-Chlorotoluene
Concen: 47.520 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

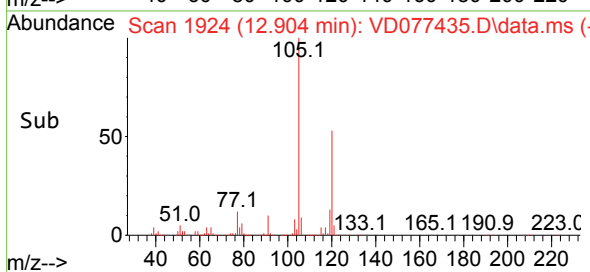
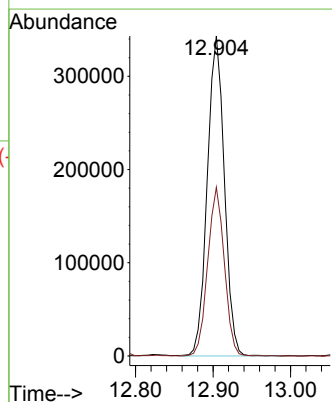
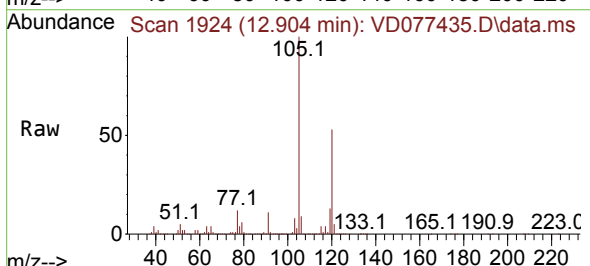
Instrument :
MSVOA_D
ClientSampleId :

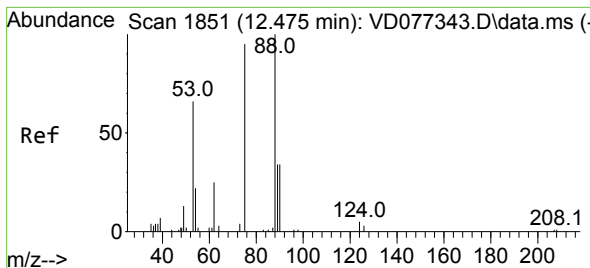
Tgt Ion: 91 Resp: 414357
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 48.009 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion:105 Resp: 526622
Ion Ratio Lower Upper
105 100
120 51.3 26.4 79.2

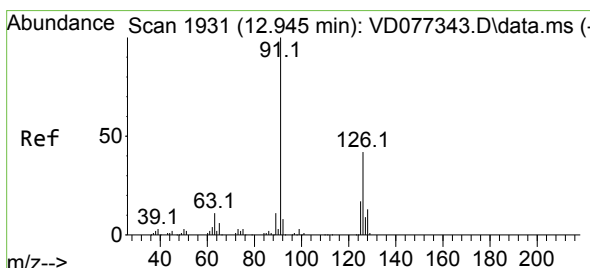
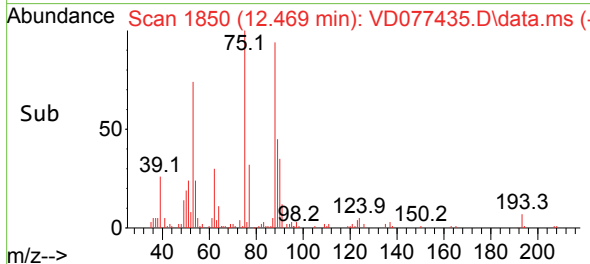
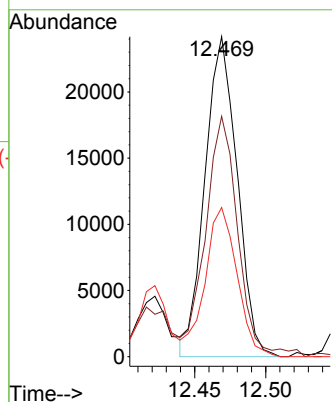
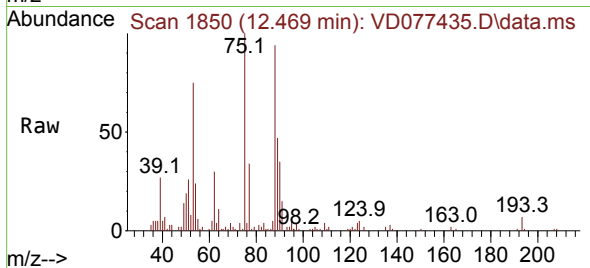




#81
trans-1,4-Dichloro-2-butene
Concen: 50.738 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

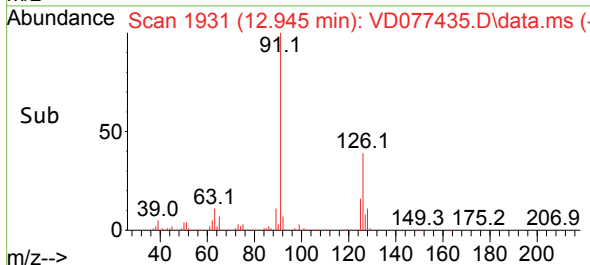
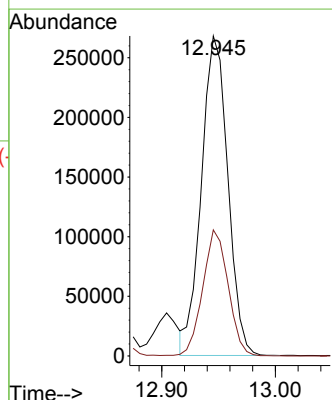
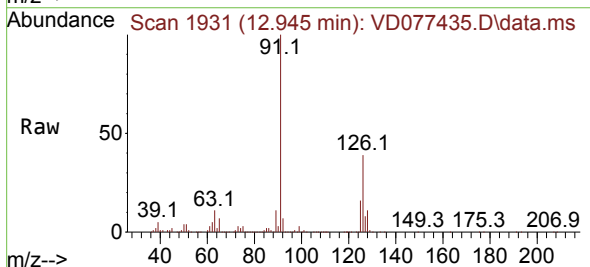
Instrument :
MSVOA_D
ClientSampleId :

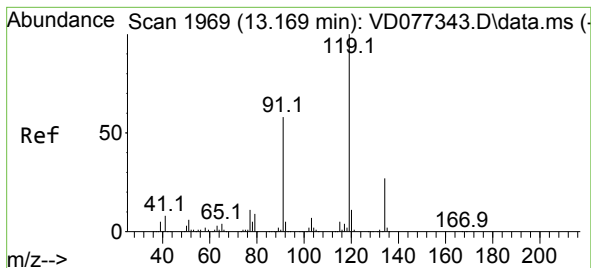
Tgt Ion: 75 Resp: 38053
Ion Ratio Lower Upper
75 100
53 75.8 63.0 94.4
89 46.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 47.724 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077435.D
Acq: 26 Oct 2023 18:58

Tgt Ion: 91 Resp: 433243
Ion Ratio Lower Upper
91 100
126 38.1 19.4 58.4





#83

tert-Butylbenzene

Concen: 48.309 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :

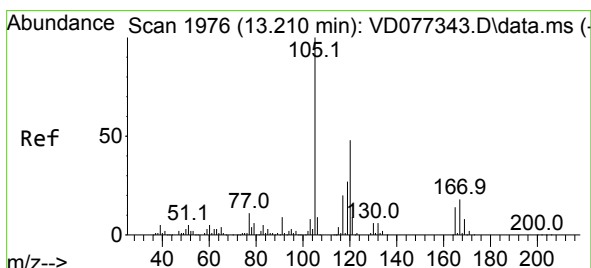
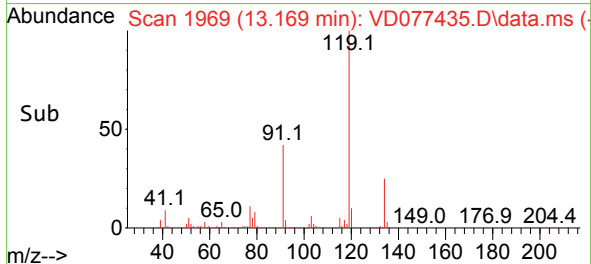
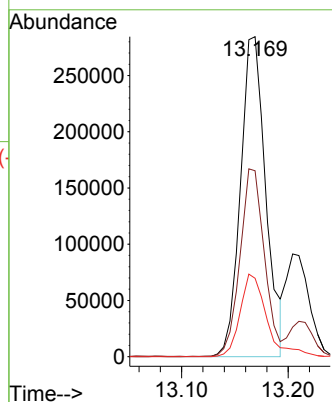
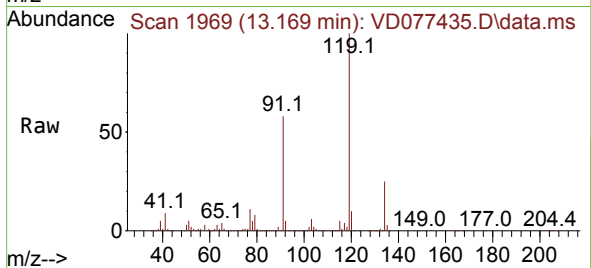
Tgt Ion:119 Resp: 469817

Ion Ratio Lower Upper

119 100

91 56.6 29.3 87.8

134 27.2 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 48.770 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077435.D

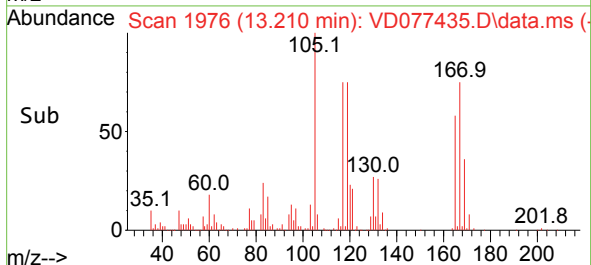
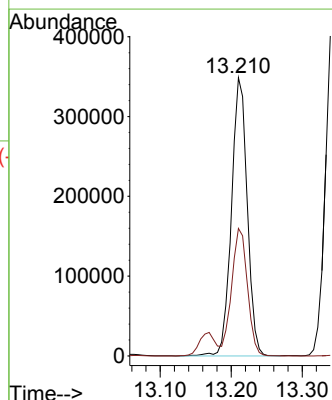
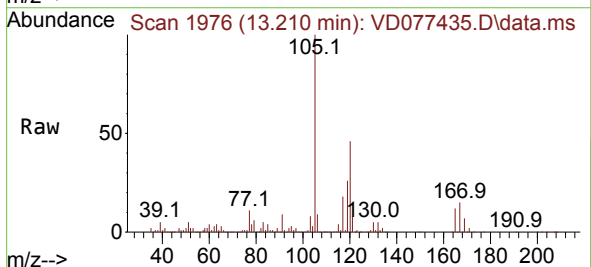
Acq: 26 Oct 2023 18:58

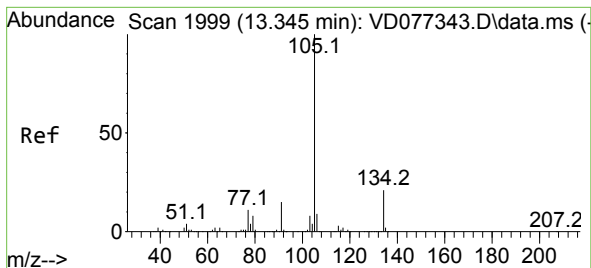
Tgt Ion:105 Resp: 538627

Ion Ratio Lower Upper

105 100

120 45.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 48.372 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

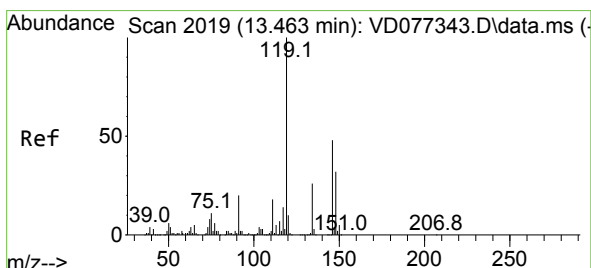
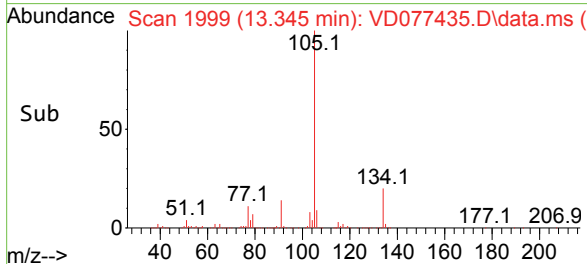
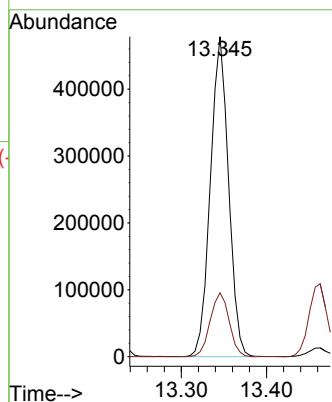
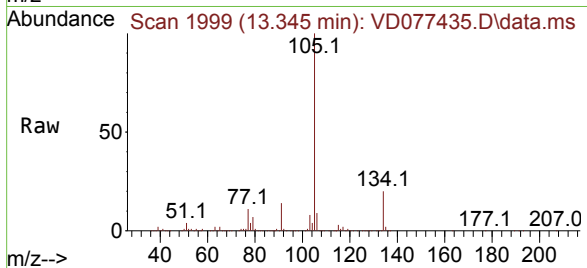
ClientSampleId :

Tgt Ion:105 Resp: 707909

Ion Ratio Lower Upper

105 100

134 20.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 47.579 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

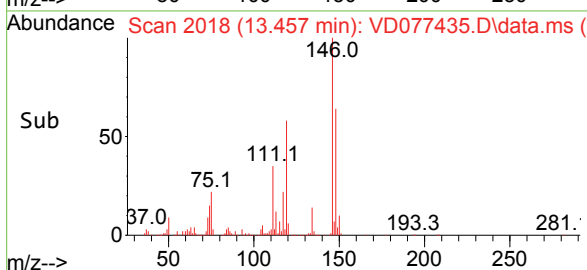
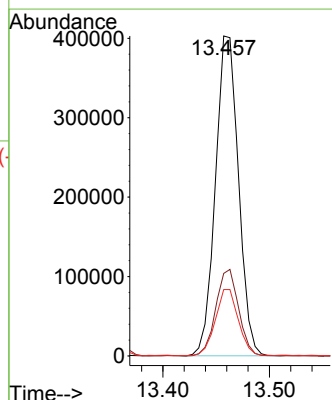
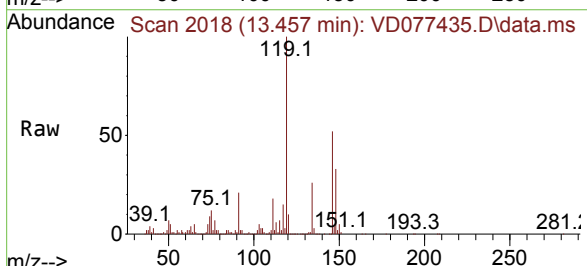
Tgt Ion:119 Resp: 604903

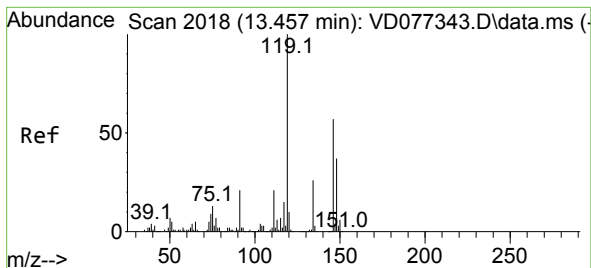
Ion Ratio Lower Upper

119 100

134 26.8 14.2 42.6

91 20.6 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 45.369 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :

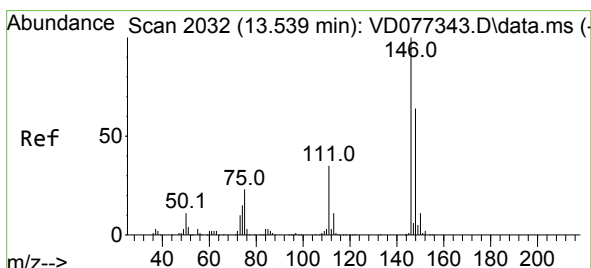
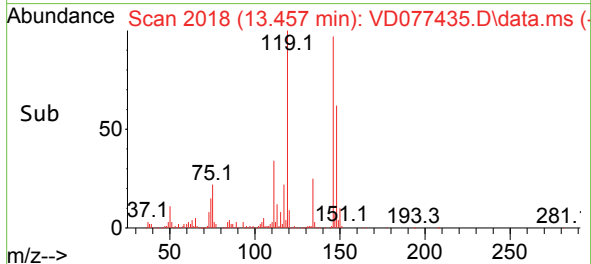
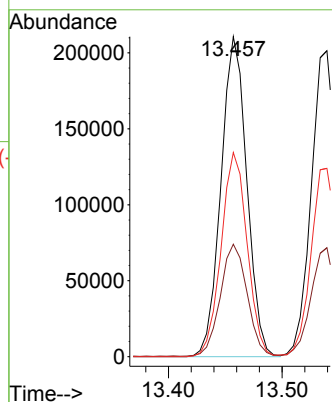
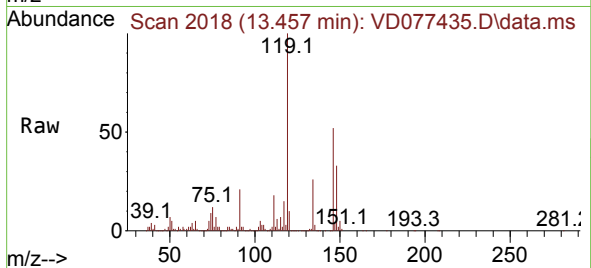
Tgt Ion:146 Resp: 333198

Ion Ratio Lower Upper

146 100

111 36.3 17.9 53.8

148 64.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 45.012 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

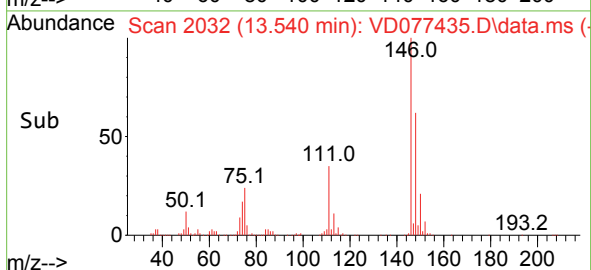
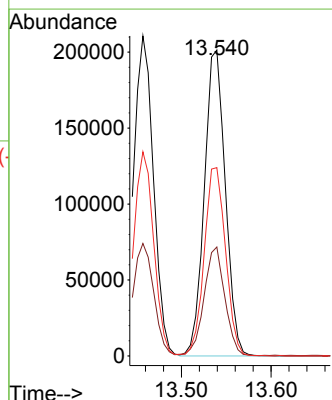
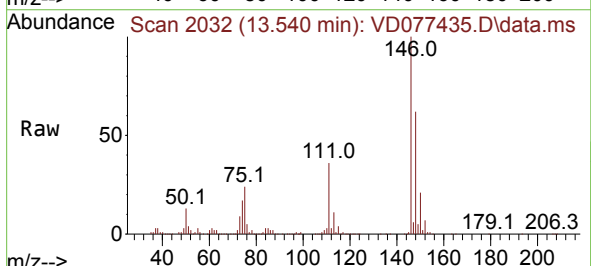
Tgt Ion:146 Resp: 327587

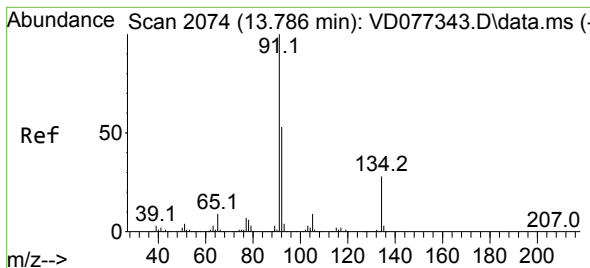
Ion Ratio Lower Upper

146 100

111 35.1 17.4 52.3

148 62.7 31.7 95.1





#89

n-Butylbenzene

Concen: 48.882 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :

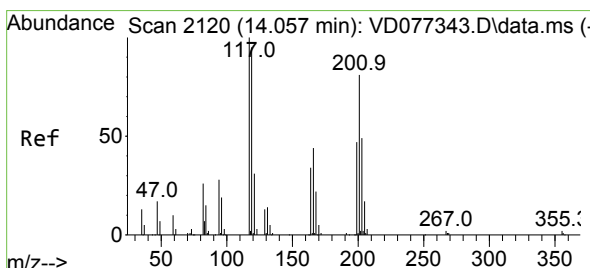
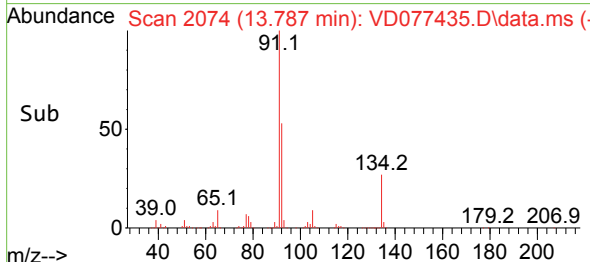
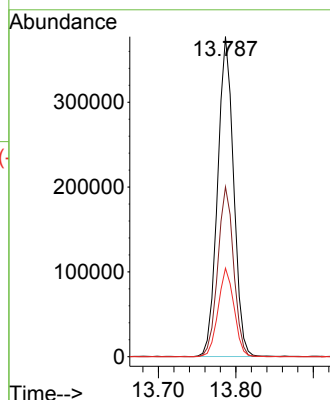
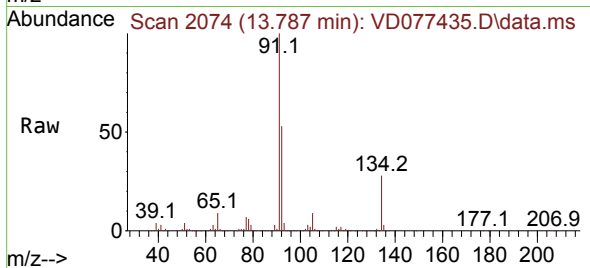
Tgt Ion: 91 Resp: 541148

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

134 27.6 13.8 41.3



#90

Hexachloroethane

Concen: 46.460 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD077435.D

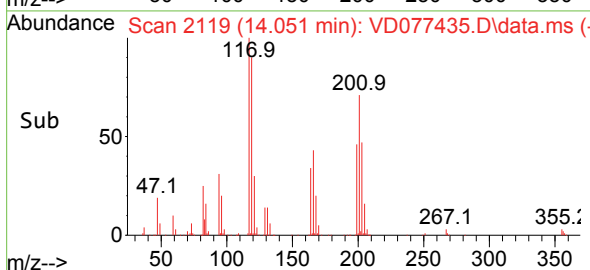
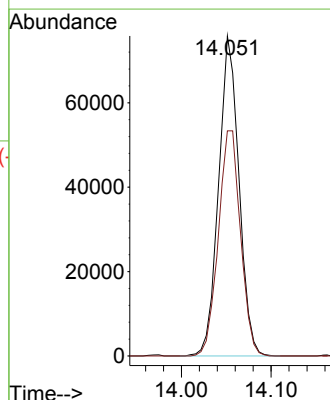
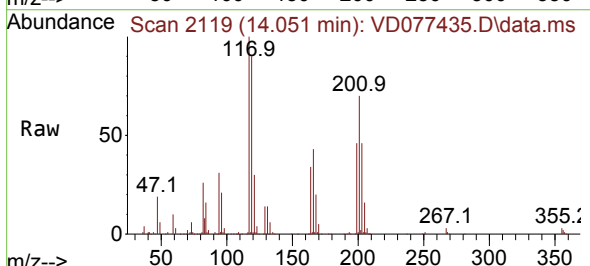
Acq: 26 Oct 2023 18:58

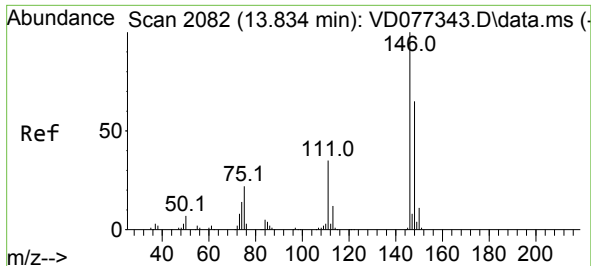
Tgt Ion: 117 Resp: 119399

Ion Ratio Lower Upper

117 100

201 76.6 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 45.587 ug/l

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :

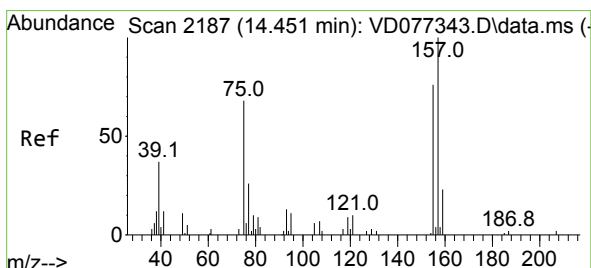
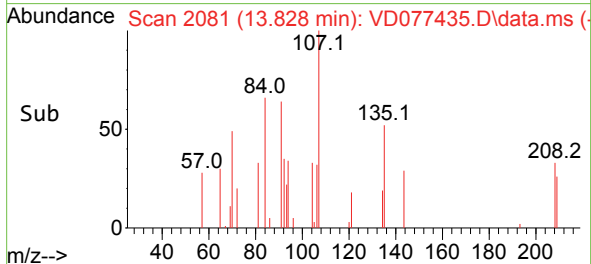
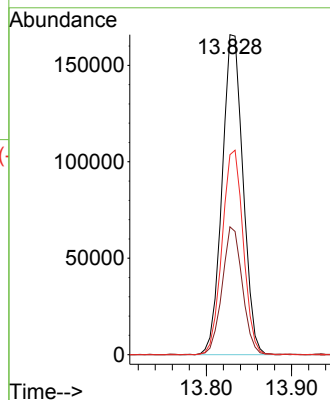
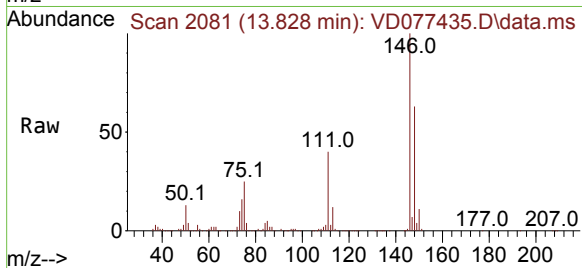
Tgt Ion:146 Resp: 282815

Ion Ratio Lower Upper

146 100

111 38.9 18.3 54.8

148 64.5 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.531 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

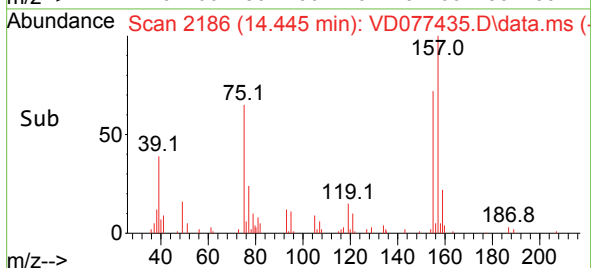
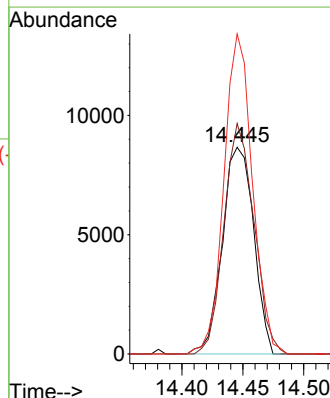
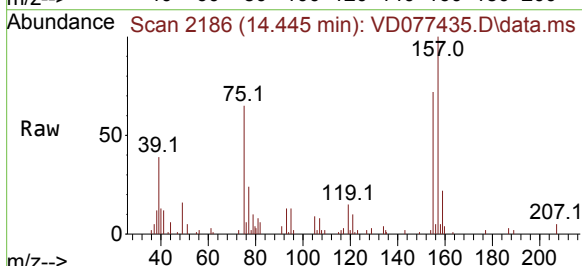
Tgt Ion: 75 Resp: 15531

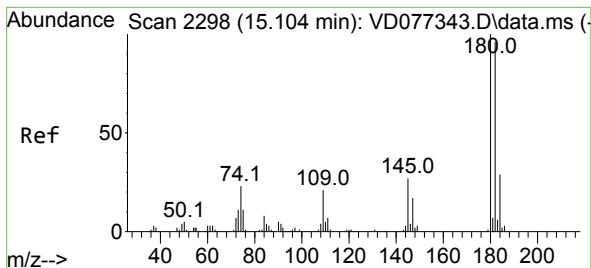
Ion Ratio Lower Upper

75 100

155 107.0 47.9 143.8

157 140.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 45.040 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :

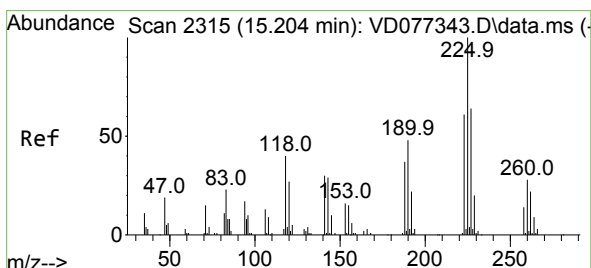
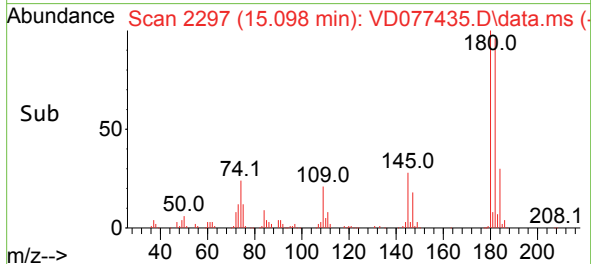
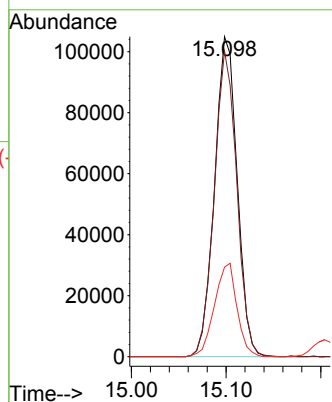
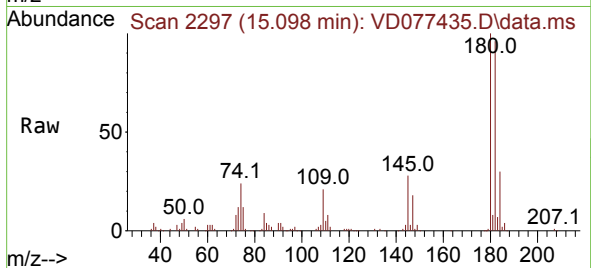
Tgt Ion:180 Resp: 174099

Ion Ratio Lower Upper

180 100

182 95.0 48.5 145.6

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 43.035 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

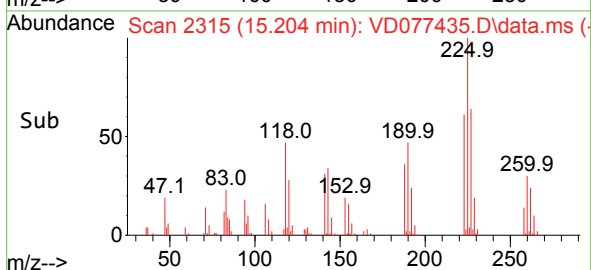
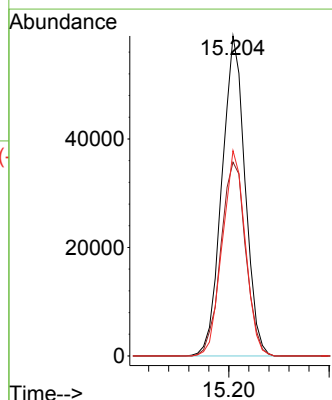
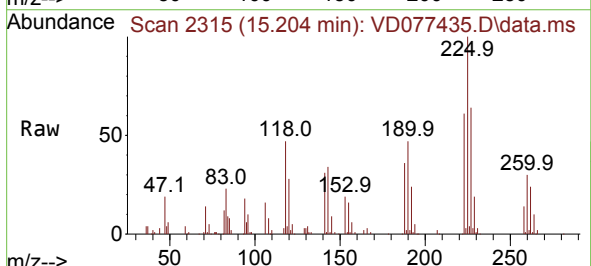
Tgt Ion:225 Resp: 94474

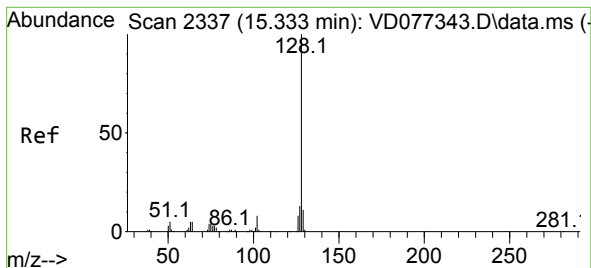
Ion Ratio Lower Upper

225 100

223 65.0 31.6 94.8

227 63.6 31.7 95.1





#95

Naphthalene

Concen: 47.733 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Instrument :

MSVOA_D

ClientSampleId :

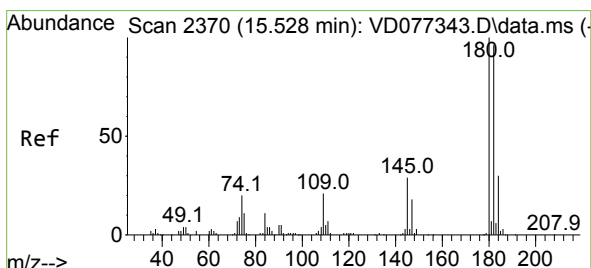
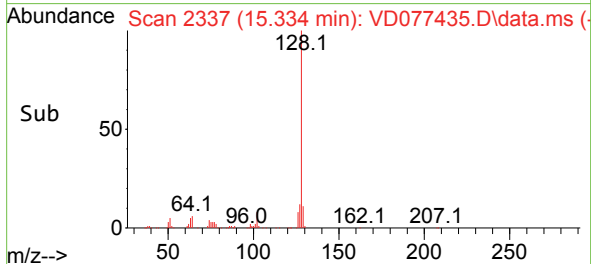
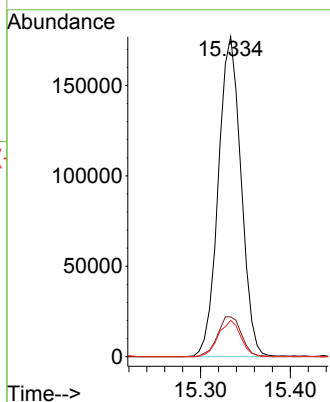
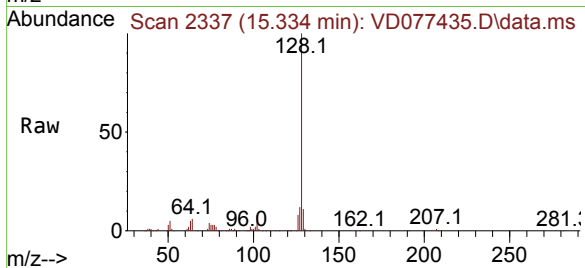
Tgt Ion:128 Resp: 311523

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.583 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD077435.D

Acq: 26 Oct 2023 18:58

Tgt Ion:180 Resp: 159644

Ion Ratio Lower Upper

180 100

182 93.2 47.3 141.9

145 30.7 15.1 45.3

