

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077229.D
 Acq On : 28 Sep 2023 11:08
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 29 02:17:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	255962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	425245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	399821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	200423	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	121945	47.207	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.420%
35) Dibromofluoromethane	7.804	113	142379	48.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.400%
50) Toluene-d8	10.269	98	532247	50.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.575	95	161188	49.465	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	124875	47.209	ug/l	99
3) Chloromethane	2.146	50	219224	44.834	ug/l	98
4) Vinyl Chloride	2.287	62	237495	45.406	ug/l	99
5) Bromomethane	2.693	94	174162	45.718	ug/l	99
6) Chloroethane	2.834	64	147518	45.326	ug/l	100
7) Trichlorofluoromethane	3.175	101	248963	52.662	ug/l	100
8) Diethyl Ether	3.593	74	73929	48.452	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.963	101	154412	52.241	ug/l	98
10) Methyl Iodide	4.163	142	183295	43.387	ug/l	92
11) Tert butyl alcohol	5.052	59	38556	261.783	ug/l	97
12) 1,1-Dichloroethene	3.940	96	145617	48.904	ug/l	90
13) Acrolein	3.787	56	16161	153.648	ug/l	88
14) Allyl chloride	4.563	41	196760	54.162	ug/l	93
15) Acrylonitrile	5.252	53	161042	251.700	ug/l	100
16) Acetone	4.022	43	154622	261.895	ug/l #	82
17) Carbon Disulfide	4.269	76	468953	47.842	ug/l	99
18) Methyl Acetate	4.558	43	114976	51.501	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	325511	50.521	ug/l	99
20) Methylene Chloride	4.799	84	197791	52.071	ug/l #	86
21) trans-1,2-Dichloroethene	5.316	96	177116	49.208	ug/l	100
22) Diisopropyl ether	6.210	45	439838	53.550	ug/l	95
23) Vinyl Acetate	6.152	43	893555	272.122	ug/l #	93
24) 1,1-Dichloroethane	6.116	63	293938	49.861	ug/l	97
25) 2-Butanone	7.075	43	202707	260.975	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	253983	50.756	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	198144	48.969	ug/l	94
28) Bromochloromethane	7.428	49	94654	52.289	ug/l	82
29) Tetrahydrofuran	7.446	42	117161	258.026	ug/l	89
30) Chloroform	7.599	83	308811	48.606	ug/l	97
31) Cyclohexane	7.875	56	240394	53.193	ug/l	88
32) 1,1,1-Trichloroethane	7.787	97	265797	50.120	ug/l	97
36) 1,1-Dichloropropene	8.004	75	236638	53.197	ug/l	97
37) Ethyl Acetate	7.163	43	86594	50.739	ug/l	96
38) Carbon Tetrachloride	7.993	117	224863	51.431	ug/l	99
39) Methylcyclohexane	9.269	83	271861	53.116	ug/l	93
40) Benzene	8.251	78	698428	50.748	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	43614	47.879	ug/l #	94
42) 1,2-Dichloroethane	8.322	62	163678	47.969	ug/l	98
43) Isopropyl Acetate	8.357	43	158965	50.589	ug/l	93
44) Trichloroethene	9.028	130	186365	48.926	ug/l	93
45) 1,2-Dichloropropane	9.304	63	169425	50.684	ug/l	99
46) Dibromomethane	9.393	93	93524	48.146	ug/l	95
47) Bromodichloromethane	9.581	83	230048	49.008	ug/l	95
48) Methyl methacrylate	9.381	41	75833	53.110	ug/l	84
49) 1,4-Dioxane	9.381	88	17640	1006.053	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	424091	258.060	ug/l	91
52) Toluene	10.334	92	439579	49.927	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	218354	49.790	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	266114	50.648	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	129762	49.115	ug/l	97
56) Ethyl methacrylate	10.598	69	149233	52.576	ug/l	92
57) 1,3-Dichloropropane	10.881	76	211095	49.356	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	372005	253.264	ug/l	96
59) 2-Hexanone	10.922	43	304334	258.102	ug/l	92
60) Dibromochloromethane	11.075	129	152065	46.992	ug/l	93
61) 1,2-Dibromoethane	11.181	107	121531	47.582	ug/l	99
64) Tetrachloroethene	10.810	164	149282	47.989	ug/l	96
65) Chlorobenzene	11.604	112	456897	48.578	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	167450	48.663	ug/l	96
67) Ethyl Benzene	11.681	91	838782	51.883	ug/l	95
68) m/p-Xylenes	11.792	106	657763	101.616	ug/l	90
69) o-Xylene	12.122	106	298787	50.290	ug/l	90
70) Styrene	12.134	104	522169	51.587	ug/l	97
71) Bromoform	12.298	173	88545	46.422	ug/l #	98
73) Isopropylbenzene	12.422	105	789857	53.335	ug/l	96
74) N-amyl acetate	12.234	43	146275	52.582	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	141961	50.796	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	171926	107.540	ug/l #	100
77) Bromobenzene	12.698	156	179690	48.730	ug/l	92
78) n-propylbenzene	12.763	91	980161	54.147	ug/l	95
79) 2-Chlorotoluene	12.851	91	526723	52.767	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	651357	52.665	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	45723	54.134	ug/l	97
82) 4-Chlorotoluene	12.945	91	546874	52.127	ug/l	95
83) tert-Butylbenzene	13.169	119	565634	53.530	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	652704	52.045	ug/l	97
85) sec-Butylbenzene	13.345	105	845084	53.297	ug/l	96
86) p-Isopropyltoluene	13.457	119	711549	52.898	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	374262	49.352	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	363405	48.705	ug/l	98
89) n-Butylbenzene	13.786	91	656772	52.928	ug/l	99
90) Hexachloroethane	14.051	117	133199	49.931	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	316454	48.669	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	18991	50.891	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	199653	49.770	ug/l	98
94) Hexachlorobutadiene	15.204	225	95681	45.010	ug/l	98
95) Naphthalene	15.333	128	367596	49.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	173122	48.553	ug/l	100

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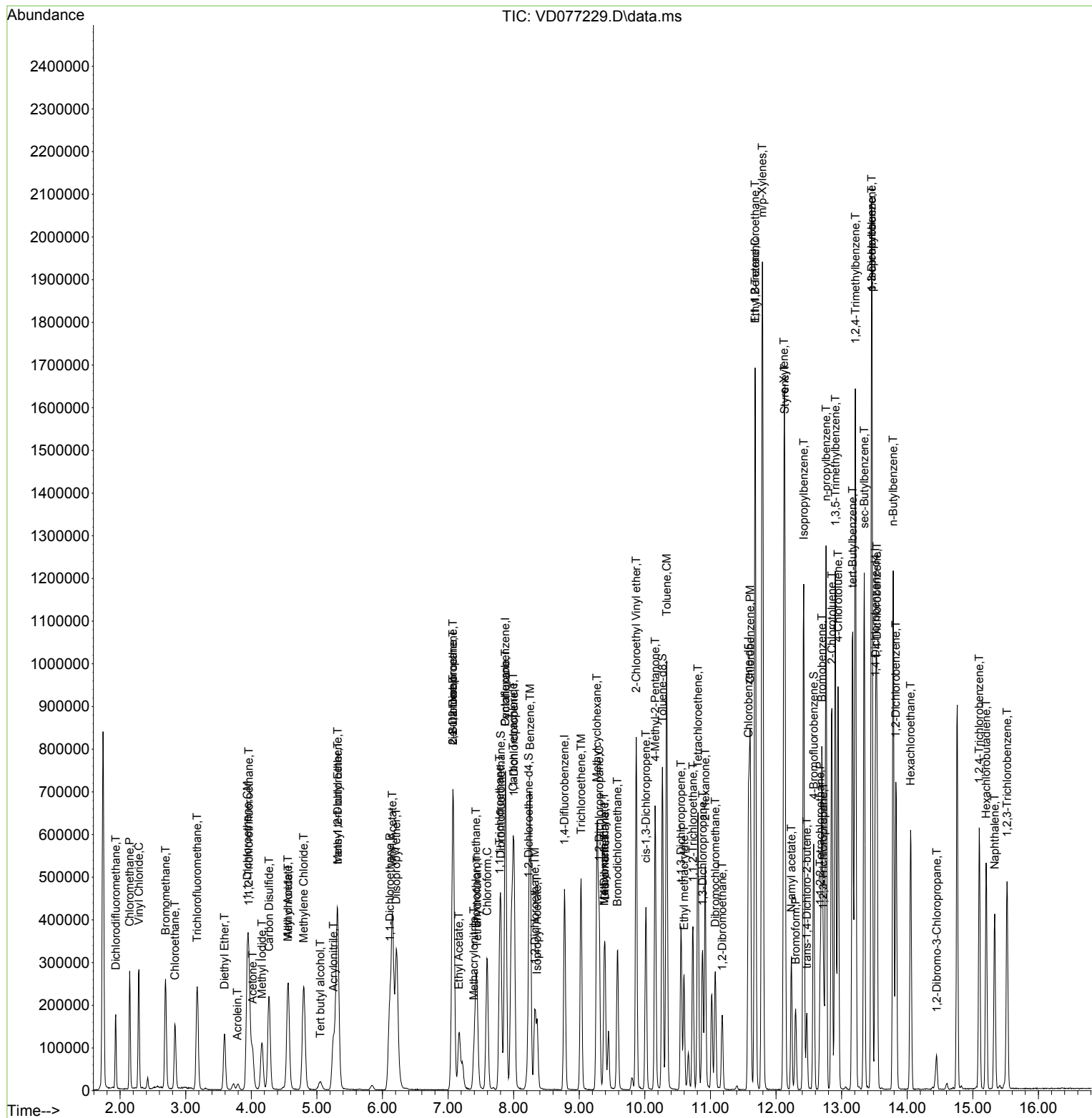
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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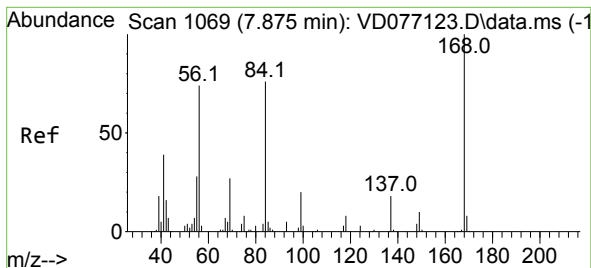
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

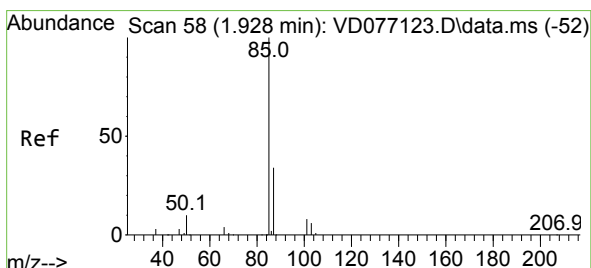
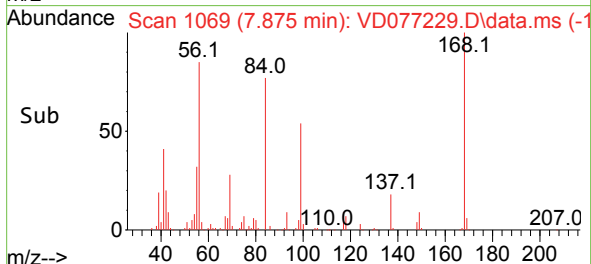
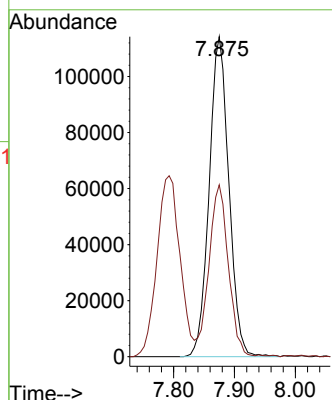
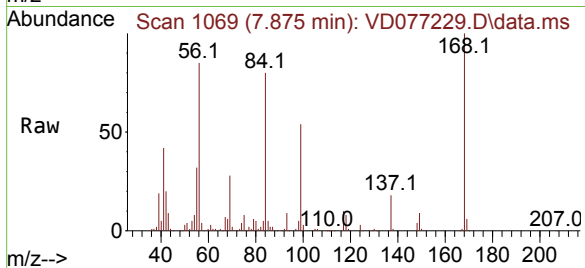
ClientSampleId :

Tgt Ion:168 Resp: 255962

Ion Ratio Lower Upper

168 100

99 53.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 47.209 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD077229.D

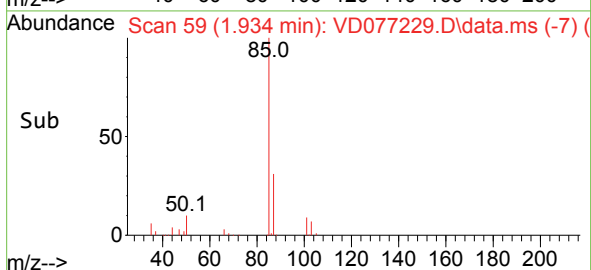
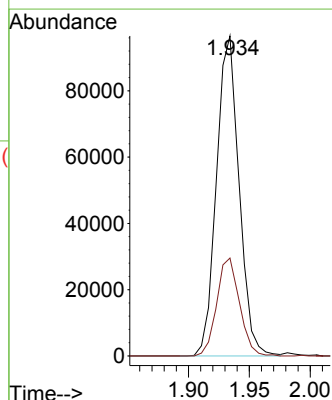
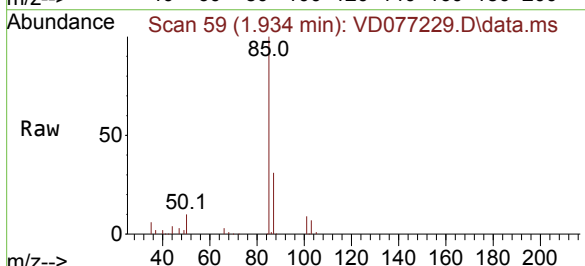
Acq: 28 Sep 2023 11:08

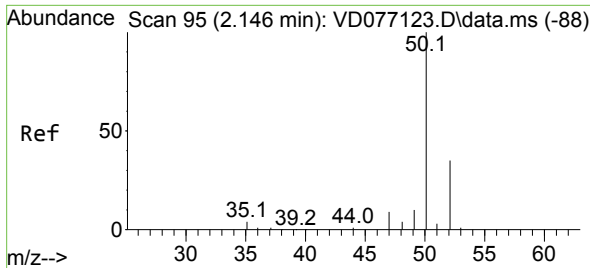
Tgt Ion: 85 Resp: 124875

Ion Ratio Lower Upper

85 100

87 30.6 15.7 47.0

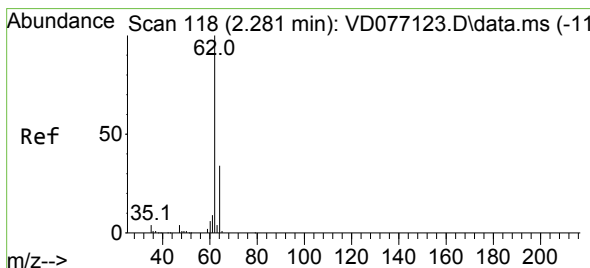
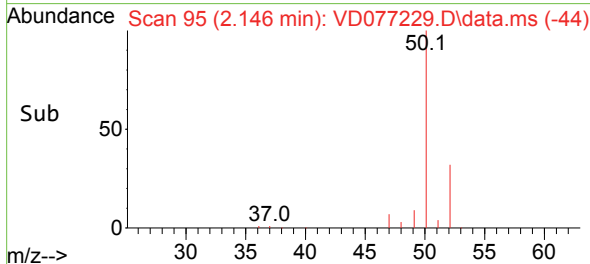
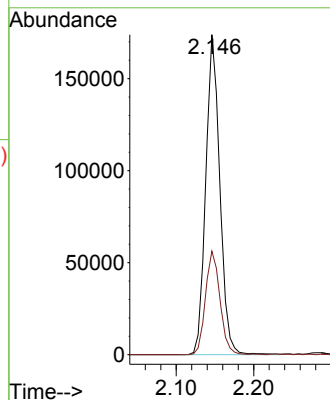
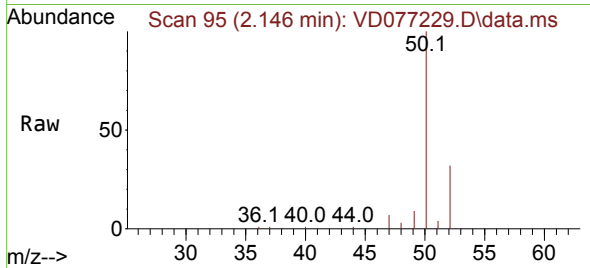




#3
Chloromethane
Concen: 44.834 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

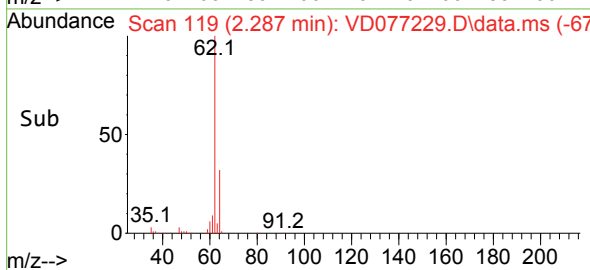
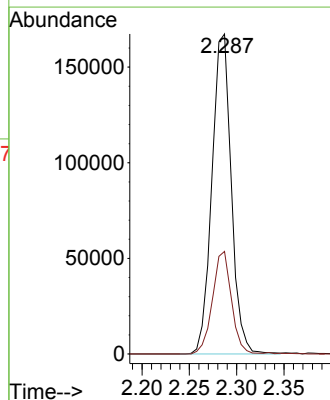
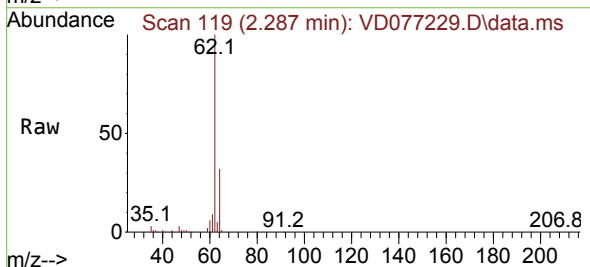
Instrument :
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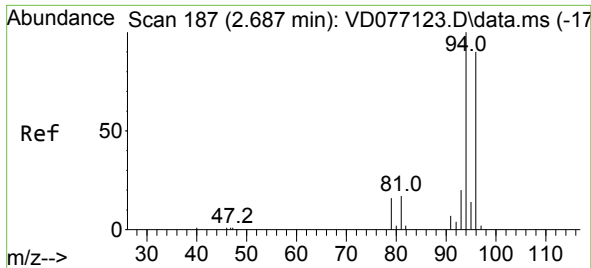
Tgt Ion: 50 Resp: 219224
Ion Ratio Lower Upper
50 100
52 32.3 26.6 40.0



#4
Vinyl Chloride
Concen: 45.406 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion: 62 Resp: 237495
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0

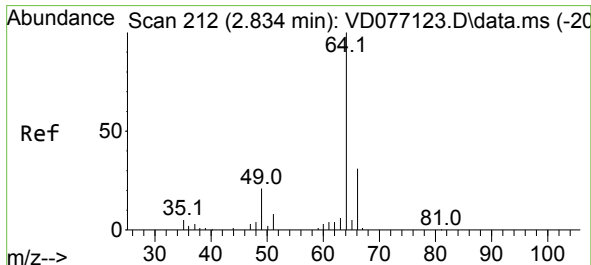
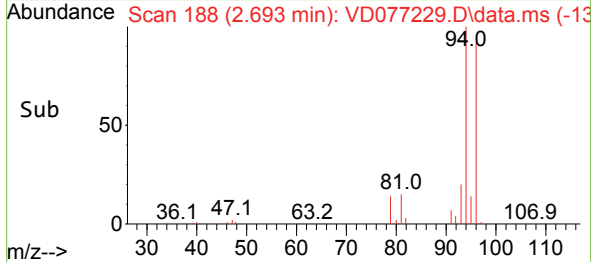
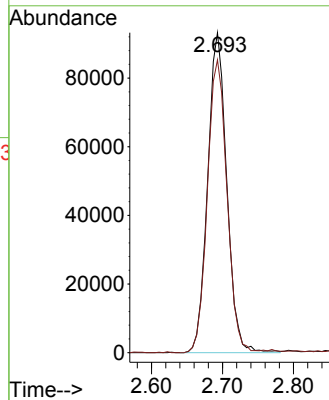
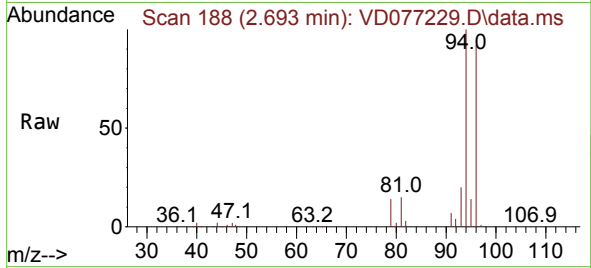




#5
Bromomethane
Concen: 45.718 ug/l
RT: 2.693 min Scan# 187
Delta R.T. 0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

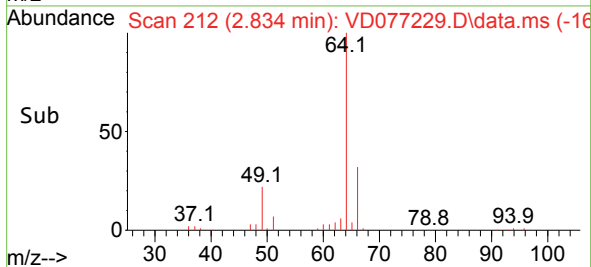
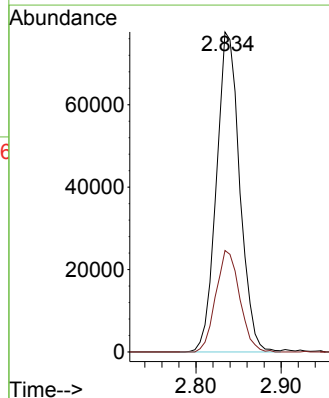
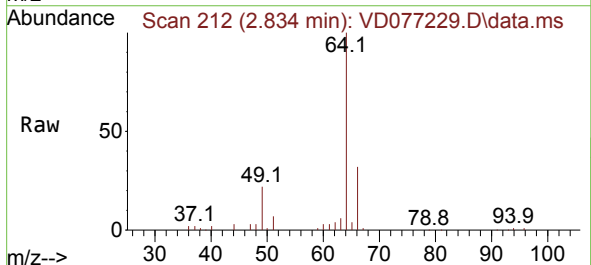
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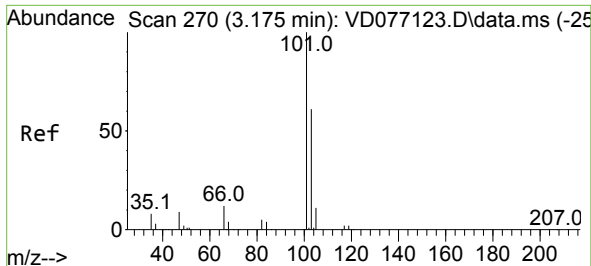
Tgt Ion: 94 Resp: 174162
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8



#6
Chloroethane
Concen: 45.326 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077229.D
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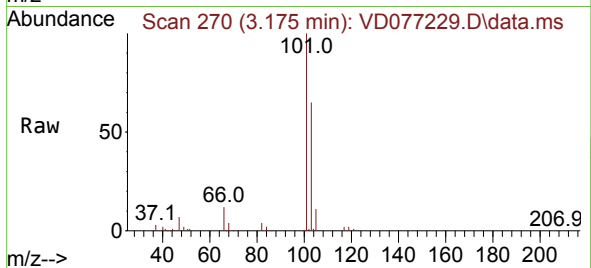
Tgt Ion: 64 Resp: 147518
Ion Ratio Lower Upper
64 100
66 31.7 25.5 38.3



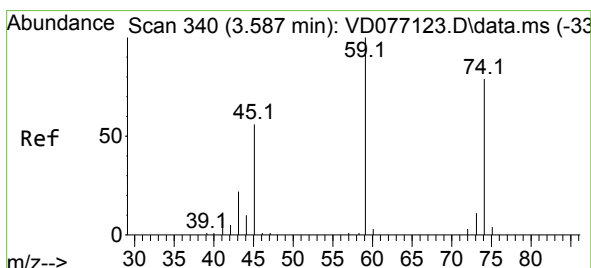
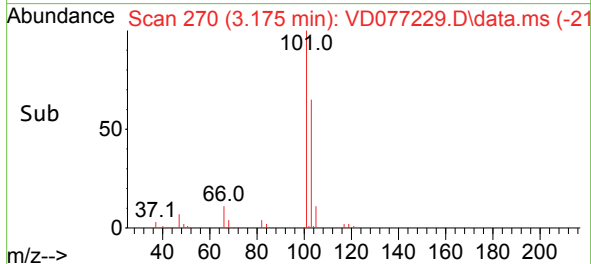
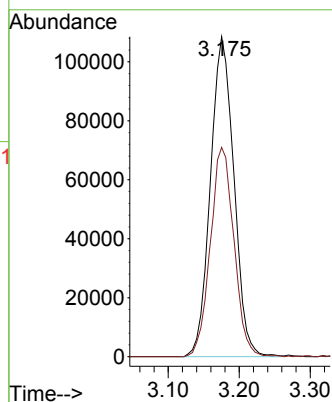


#7
 Trichlorofluoromethane
 Concen: 52.662 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077229.D
 Acq: 28 Sep 2023 11:08

Instrument :
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 ClientSampleId :

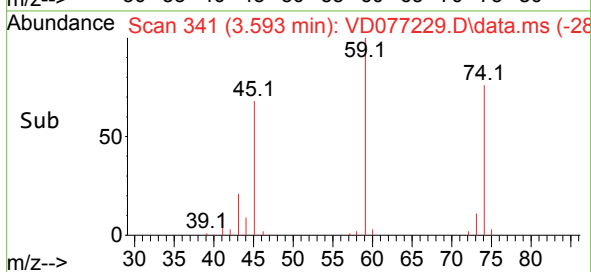
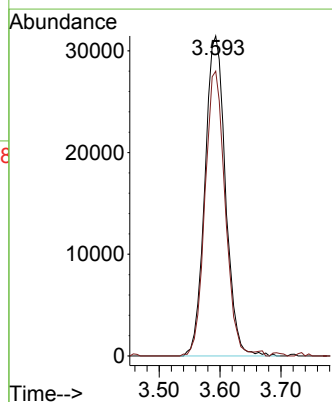
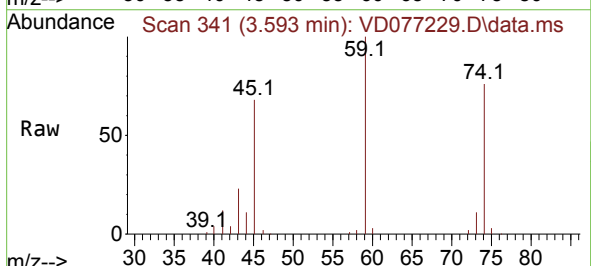


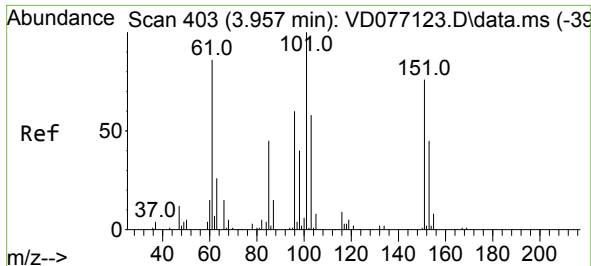
Tgt Ion:101 Resp: 248963
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 48.452 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD077229.D
 Acq: 28 Sep 2023 11:08

Tgt Ion: 74 Resp: 73929
 Ion Ratio Lower Upper
 74 100
 45 86.9 37.5 112.7

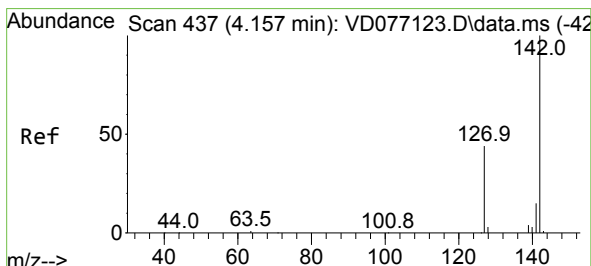
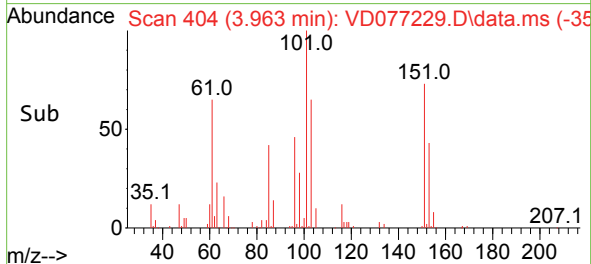
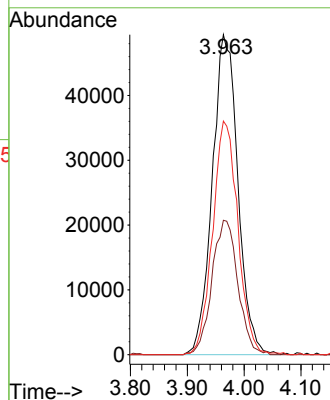
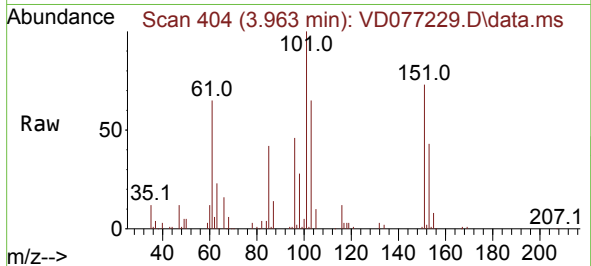




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.241 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

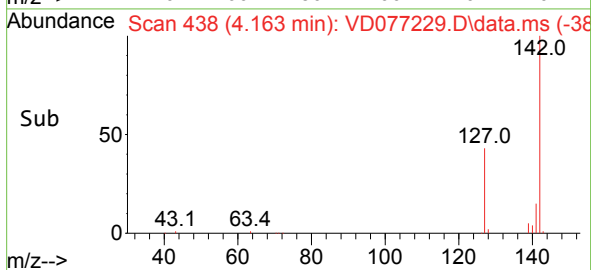
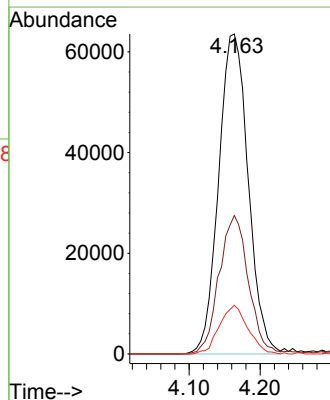
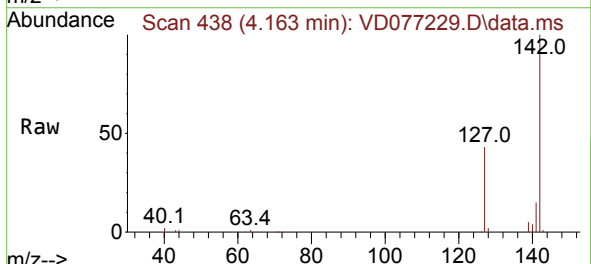
Instrument :
MSVOA_D
ClientSampleId :

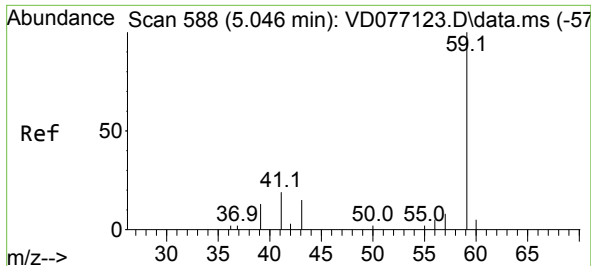
Tgt Ion:101 Resp: 154412
Ion Ratio Lower Upper
101 100
85 42.6 33.8 50.6
151 72.1 59.8 89.6



#10
Methyl Iodide
Concen: 43.387 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion:142 Resp: 183295
Ion Ratio Lower Upper
142 100
127 42.9 29.4 44.0
141 14.6 11.1 16.7

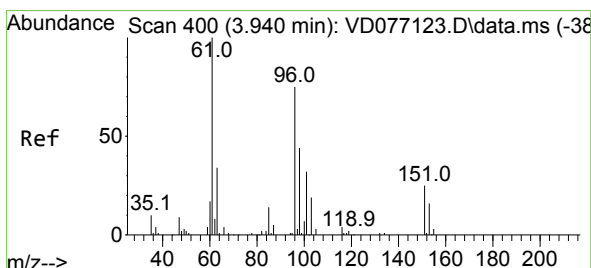
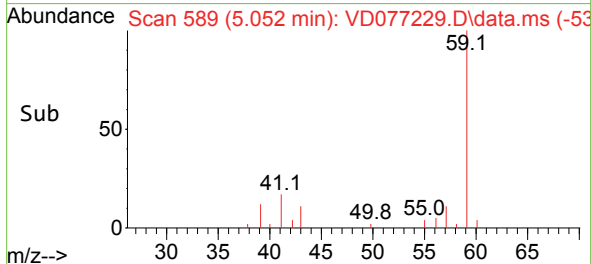
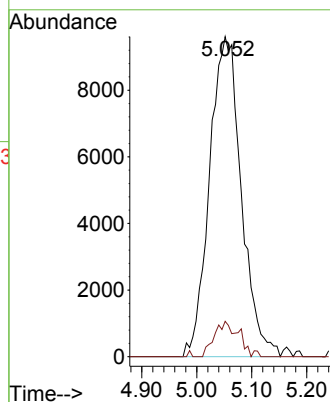
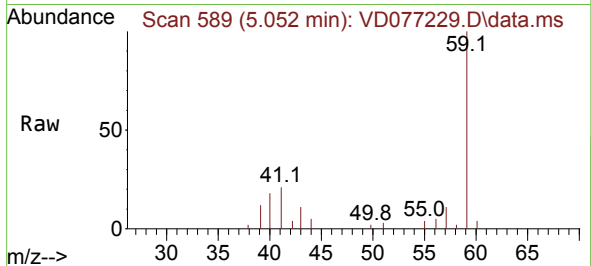




#11
Tert butyl alcohol
Concen: 261.783 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

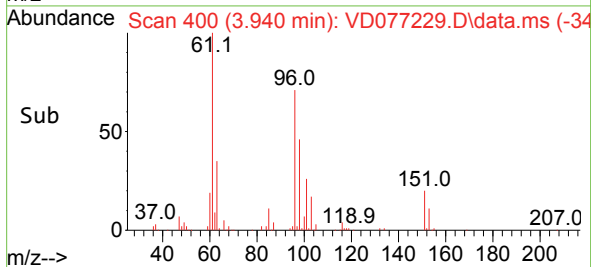
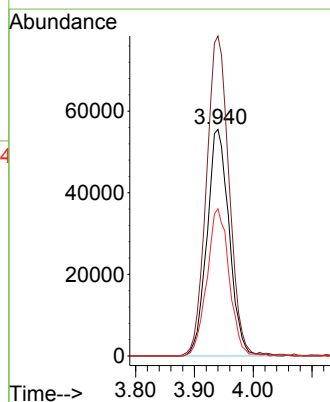
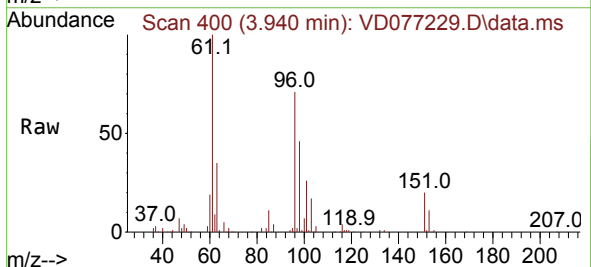
Instrument :
MSVOA_D
ClientSampleId :

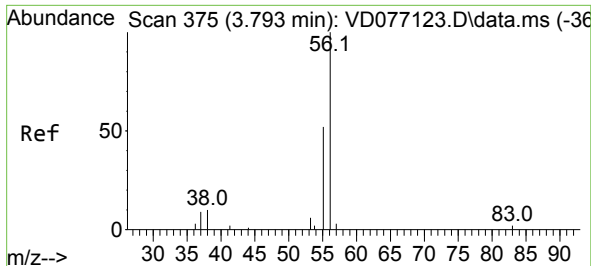
Tgt Ion: 59 Resp: 38556
Ion Ratio Lower Upper
59 100
57 8.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 48.904 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion: 96 Resp: 145617
Ion Ratio Lower Upper
96 100
61 141.2 100.6 150.8
98 65.0 50.2 75.2





#13

Acrolein

Concen: 153.648 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

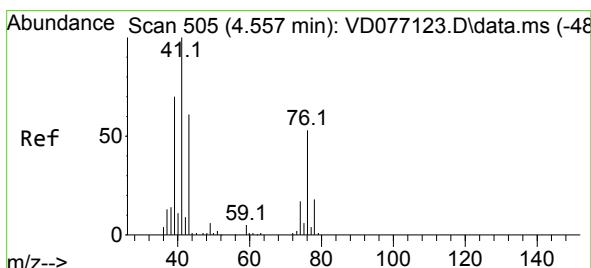
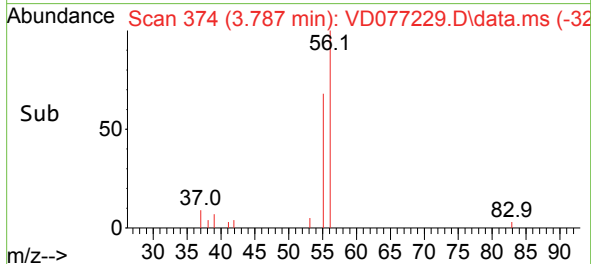
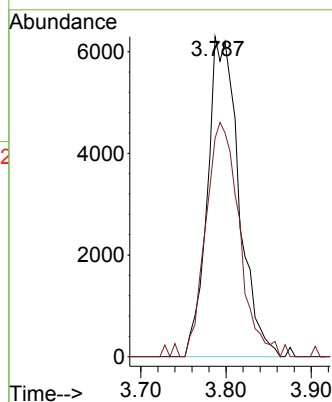
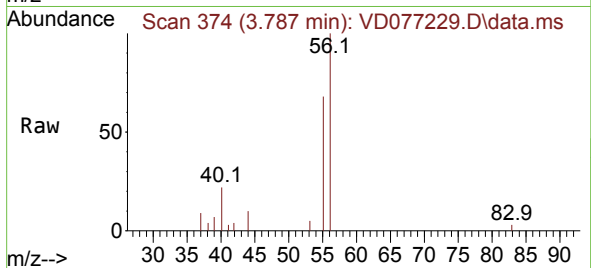
ClientSampleId :

Tgt Ion: 56 Resp: 16161

Ion Ratio Lower Upper

56 100

55 78.4 55.1 82.7



#14

Allyl chloride

Concen: 54.162 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

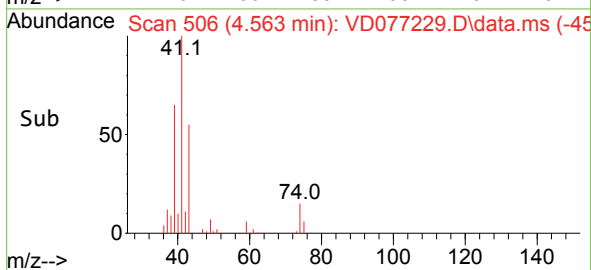
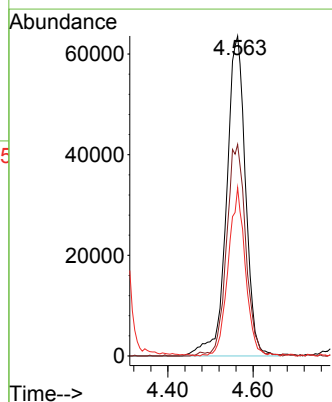
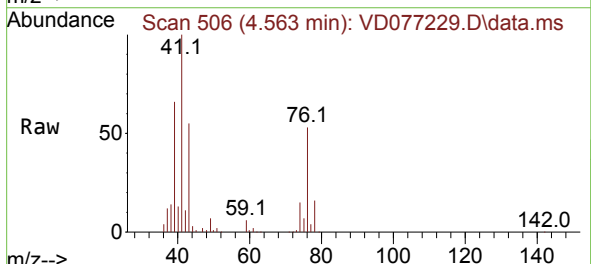
Tgt Ion: 41 Resp: 196760

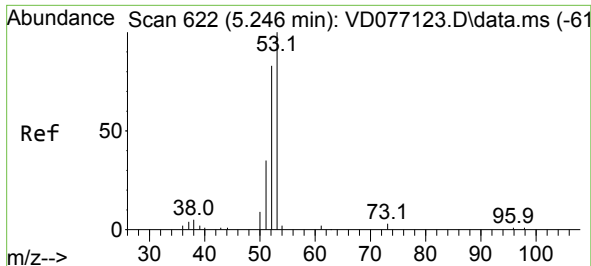
Ion Ratio Lower Upper

41 100

39 66.5 53.8 80.6

76 47.3 45.8 68.8

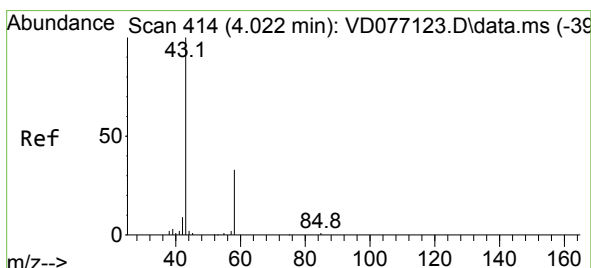
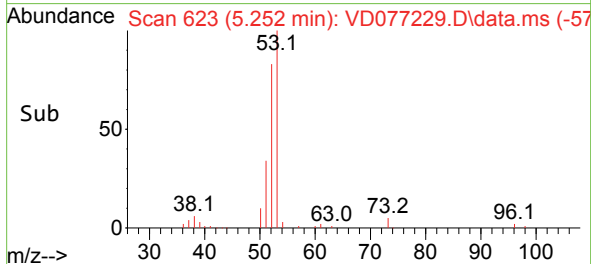
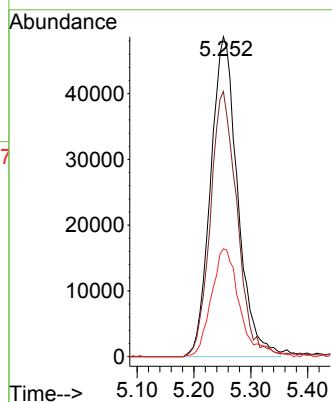
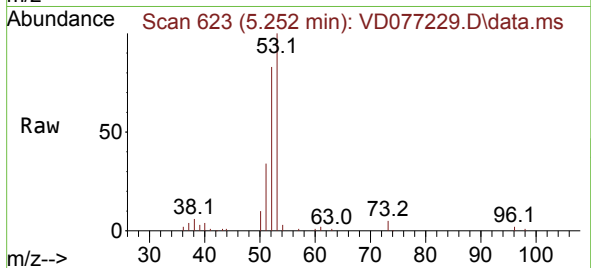




#15
Acrylonitrile
Concen: 251.700 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

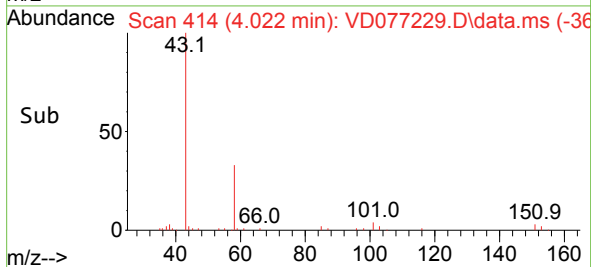
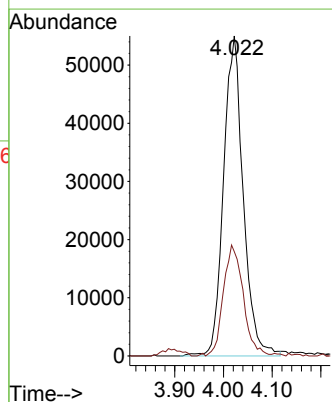
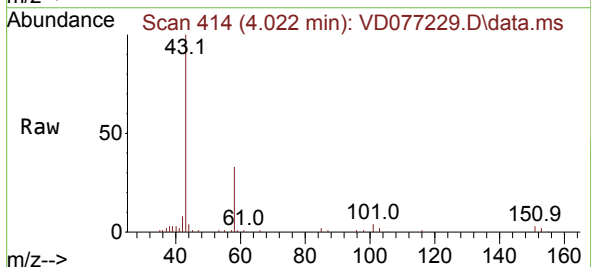
Instrument :
MSVOA_D
ClientSampleId :

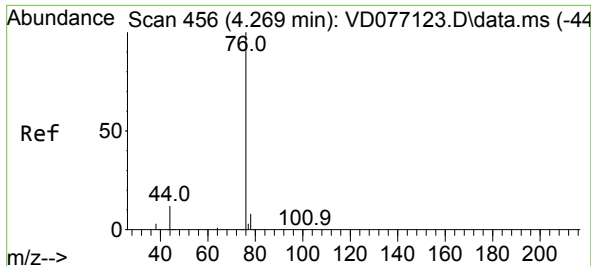
Tgt Ion: 53 Resp: 161042
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.4
51 35.6 28.3 42.5



#16
Acetone
Concen: 261.895 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion: 43 Resp: 154622
Ion Ratio Lower Upper
43 100
58 32.0 34.7 52.1#

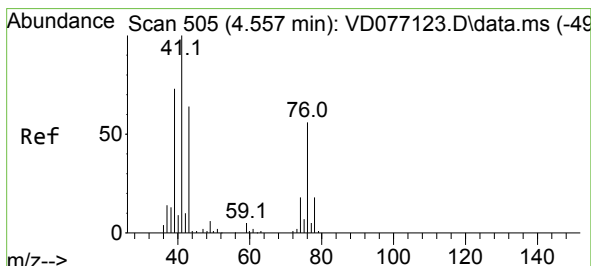
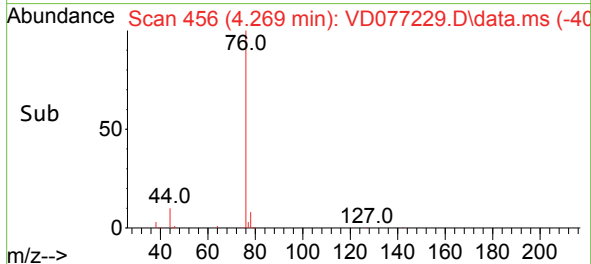
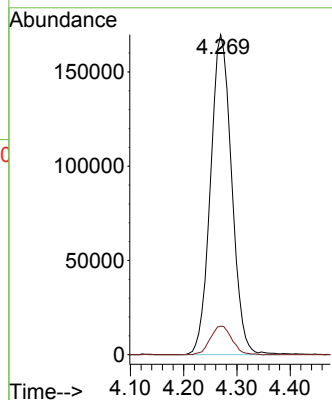
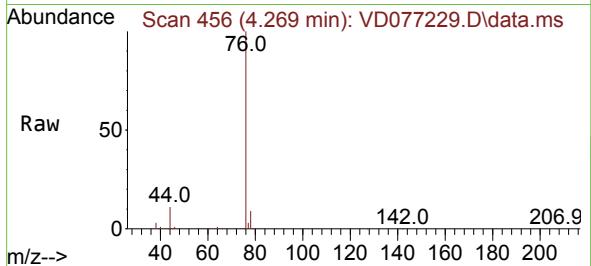




#17
Carbon Disulfide
Concen: 47.842 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

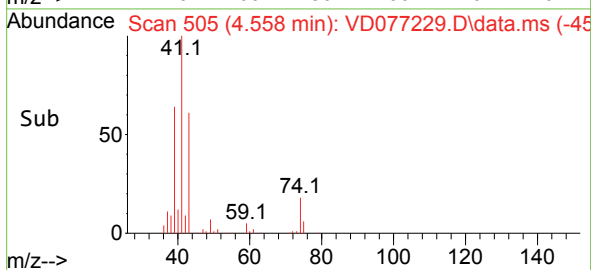
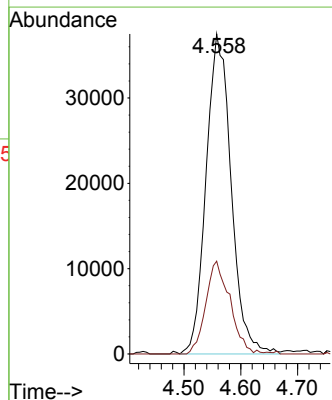
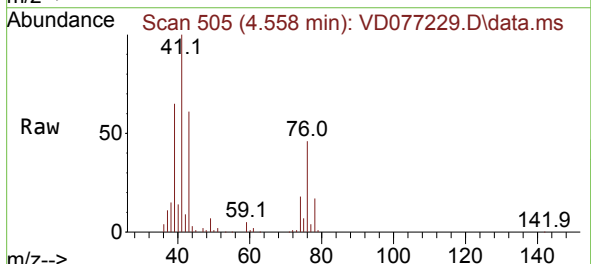
Instrument :
MSVOA_D
ClientSampleId :

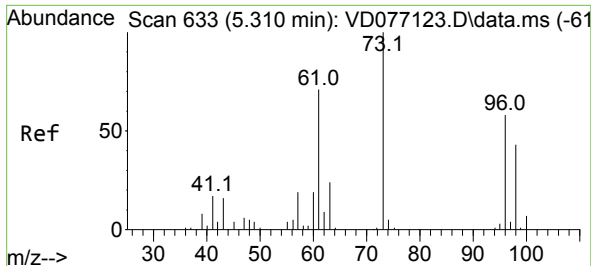
Tgt Ion: 76 Resp: 468953
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 51.501 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion: 43 Resp: 114976
Ion Ratio Lower Upper
43 100
74 28.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 50.521 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

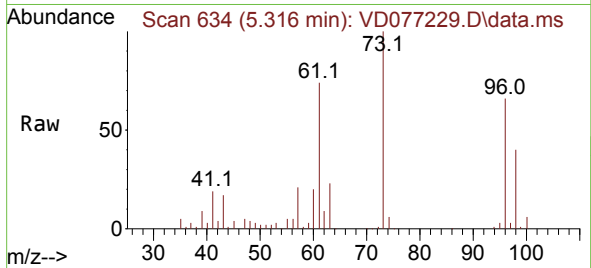
Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

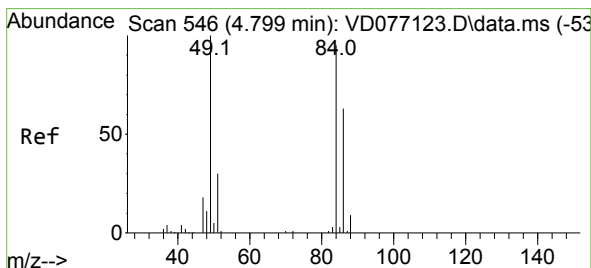
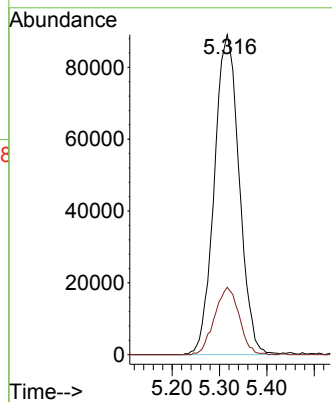
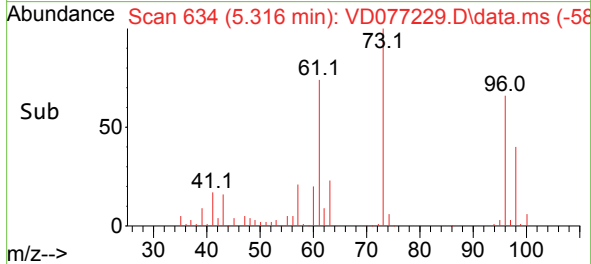


Tgt Ion: 73 Resp: 325511

Ion Ratio Lower Upper

73 100

57 21.1 16.6 25.0



#20

Methylene Chloride

Concen: 52.071 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Tgt Ion: 84 Resp: 197791

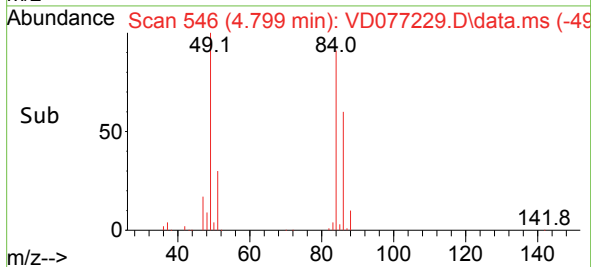
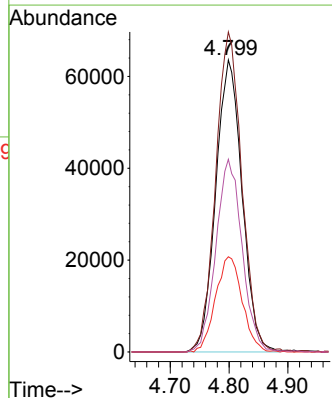
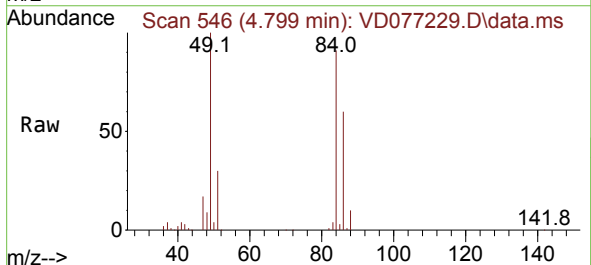
Ion Ratio Lower Upper

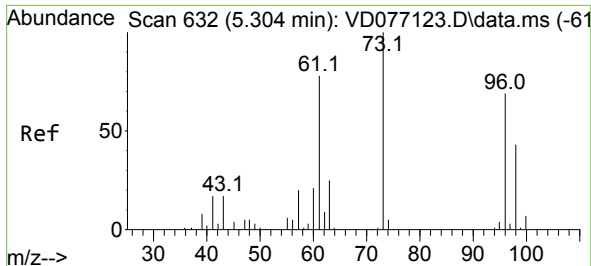
84 100

49 109.6 71.4 107.2#

51 32.6 24.5 36.7

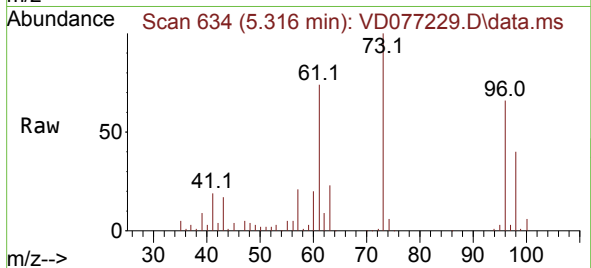
86 66.0 48.7 73.1



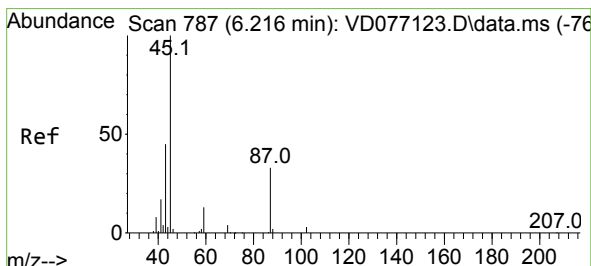
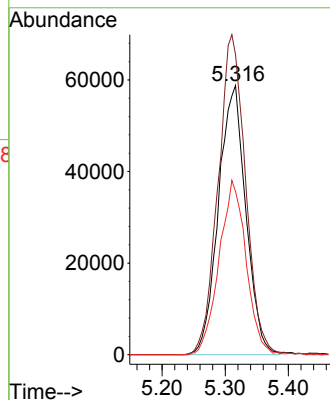
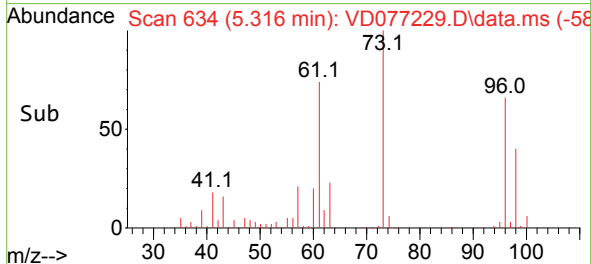


#21
trans-1,2-Dichloroethene
Concen: 49.208 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :

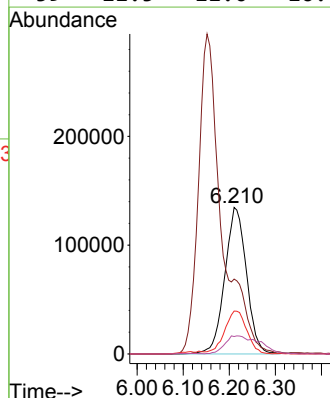
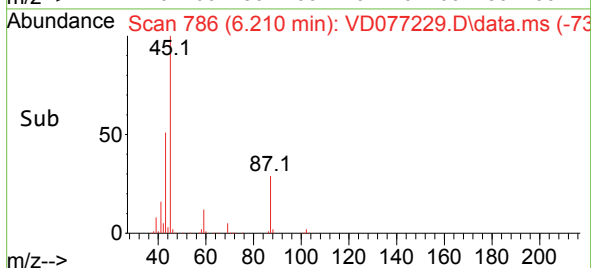
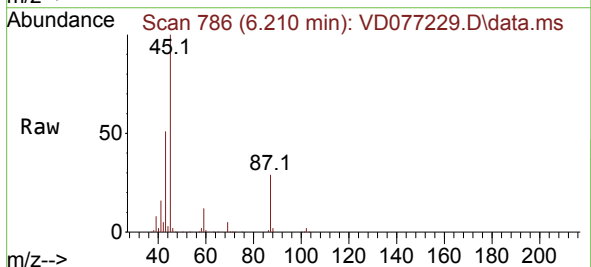


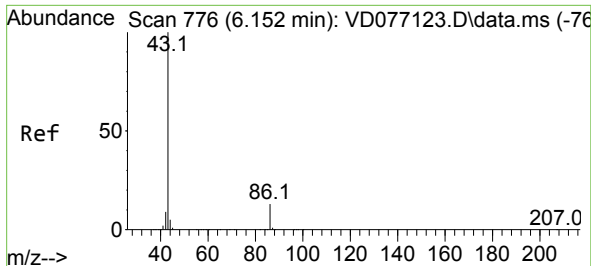
Tgt Ion: 96 Resp: 177116
Ion Ratio Lower Upper
96 100
61 111.4 89.3 133.9
98 60.6 48.6 73.0



#22
Diisopropyl ether
Concen: 53.550 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

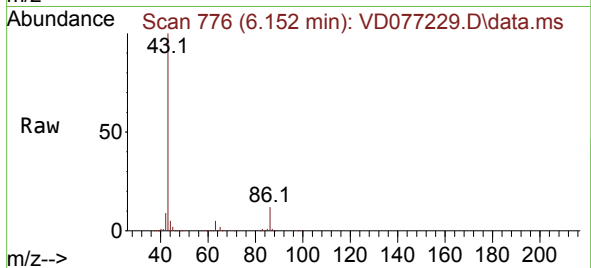
Tgt Ion: 45 Resp: 439838
Ion Ratio Lower Upper
45 100
43 50.3 40.0 60.0
87 29.0 28.2 42.4
59 11.5 11.0 16.4



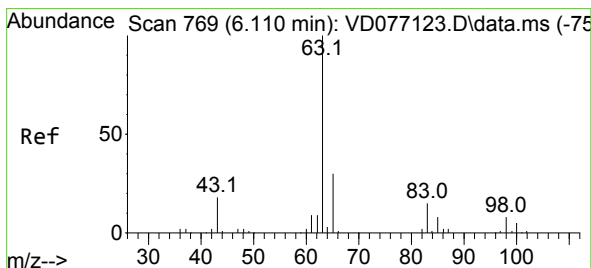
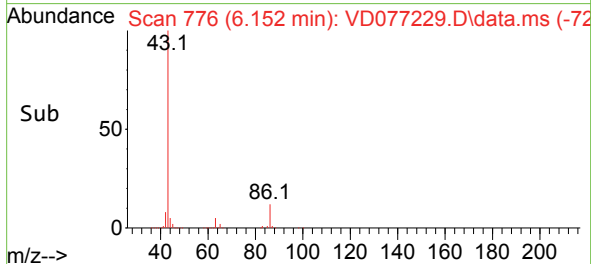
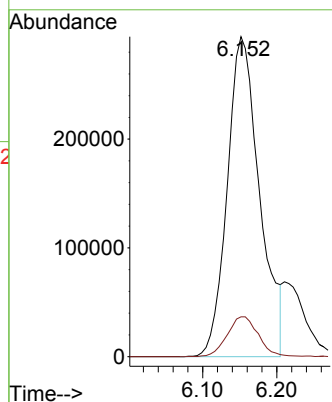


#23
 Vinyl Acetate
 Concen: 272.122 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077229.D
 Acq: 28 Sep 2023 11:08

Instrument :
 MSVOA_D
 ClientSampleId :

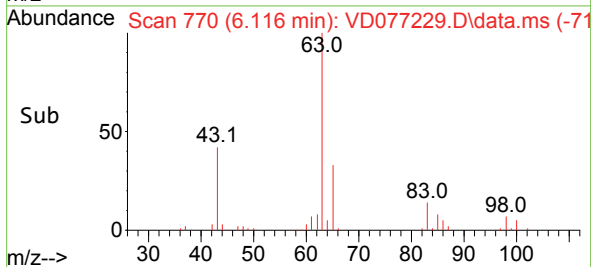
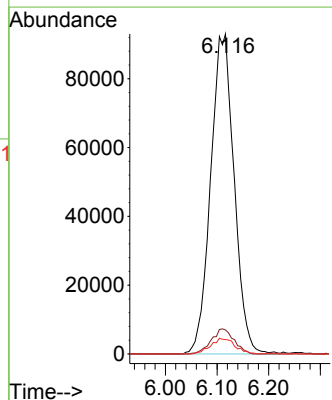
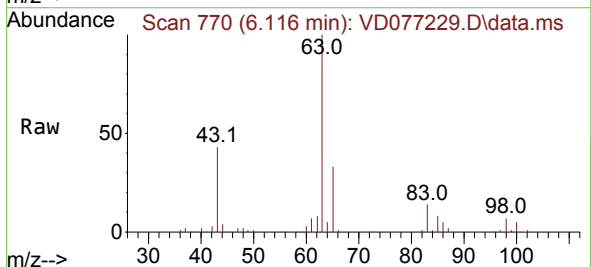


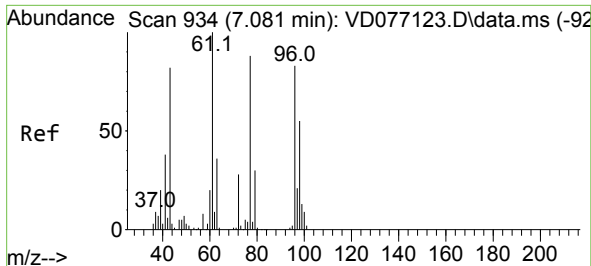
Tgt Ion: 43 Resp: 893555
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 49.861 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077229.D
 Acq: 28 Sep 2023 11:08

Tgt Ion: 63 Resp: 293938
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.5 13.7
 100 4.5 2.5 7.5

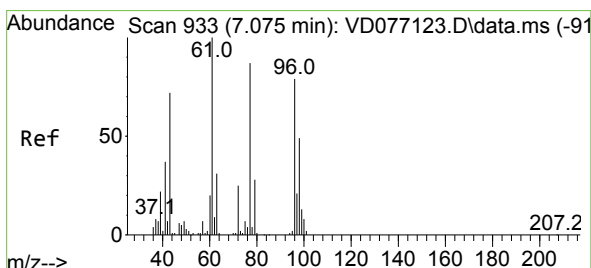
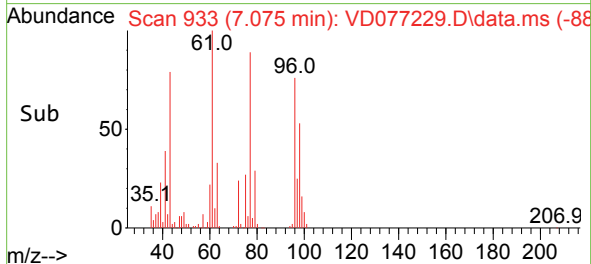
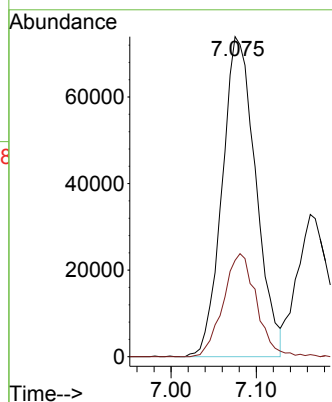
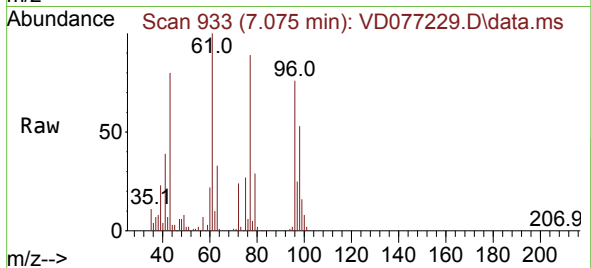




#25
2-Butanone
Concen: 260.975 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

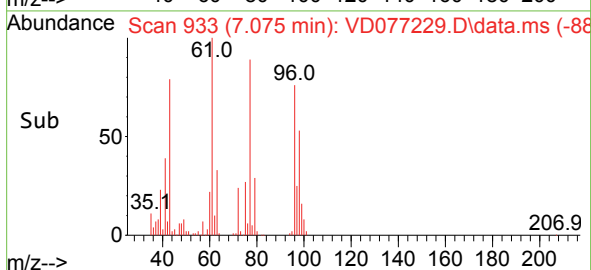
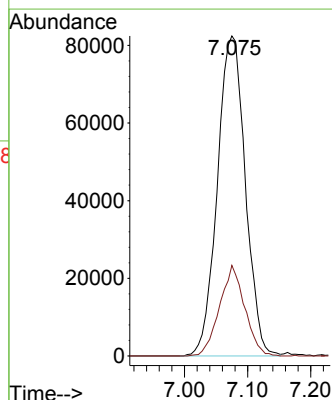
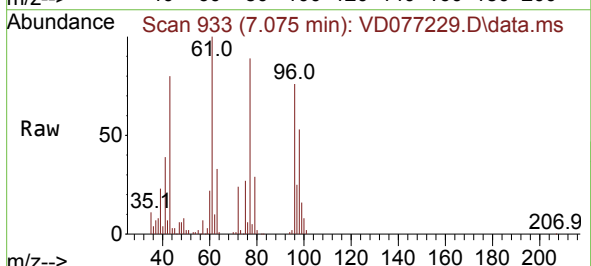
Instrument :
MSVOA_D
ClientSampleId :

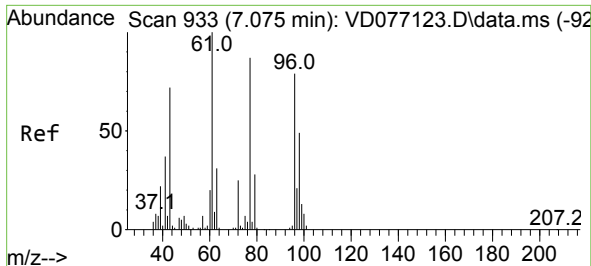
Tgt Ion: 43 Resp: 202707
Ion Ratio Lower Upper
43 100
72 30.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 50.756 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion: 77 Resp: 253983
Ion Ratio Lower Upper
77 100
97 25.4 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 48.969 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

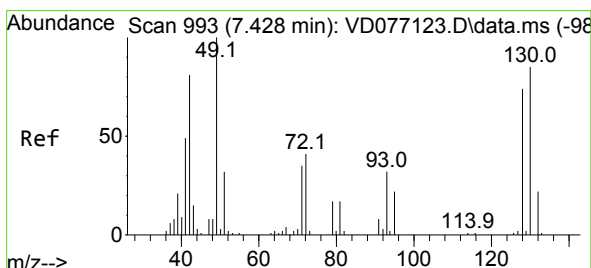
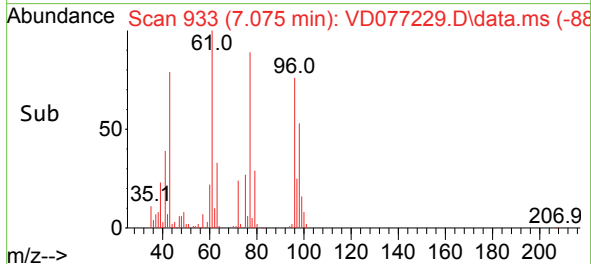
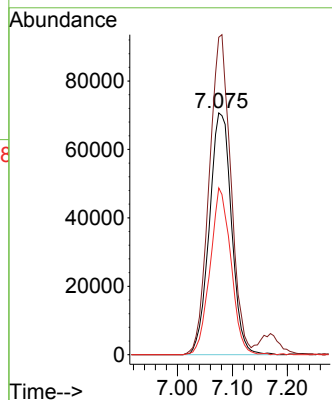
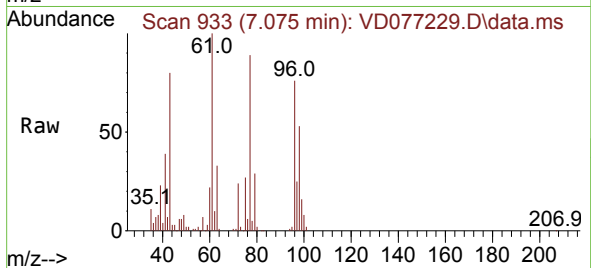
Tgt Ion: 96 Resp: 198144

Ion Ratio Lower Upper

96 100

61 129.0 0.0 239.2

98 64.9 0.0 128.6



#28

Bromochloromethane

Concen: 52.289 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

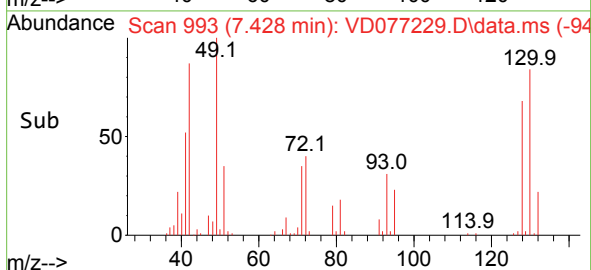
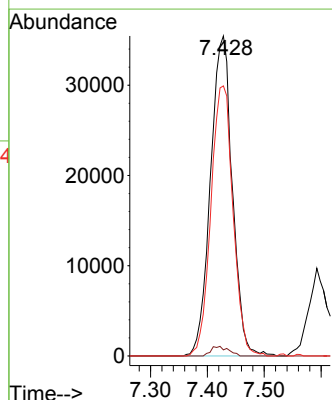
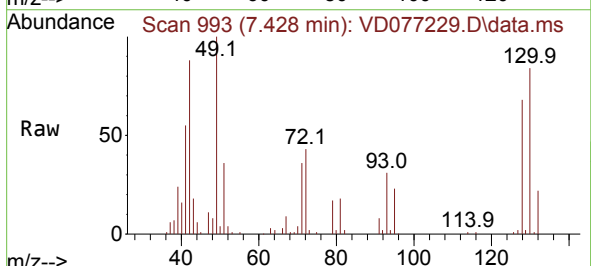
Tgt Ion: 49 Resp: 94654

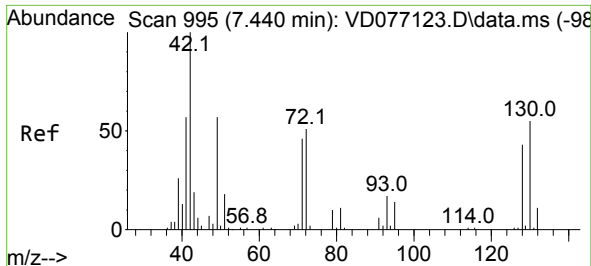
Ion Ratio Lower Upper

49 100

129 2.4 0.0 6.0

130 85.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 258.026 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

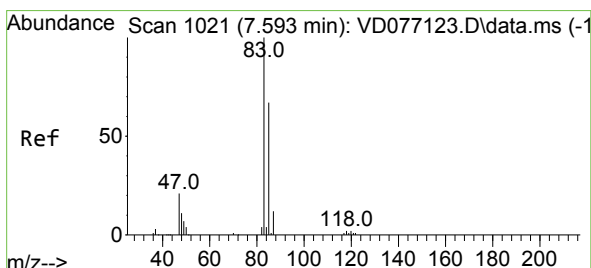
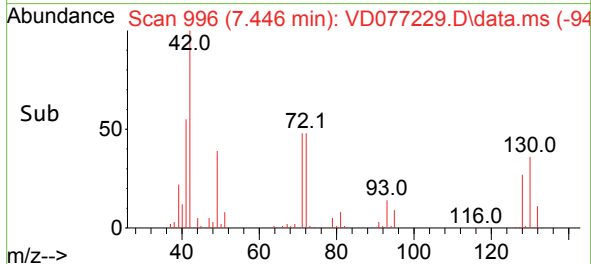
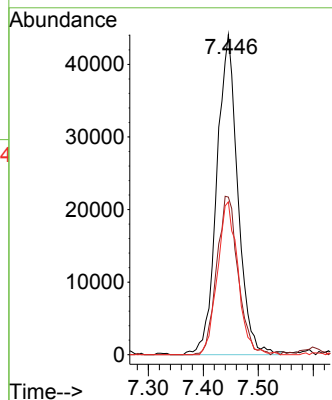
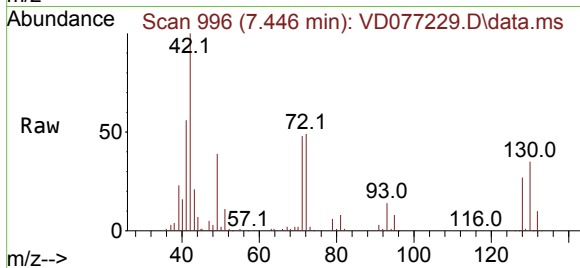
Tgt Ion: 42 Resp: 117161

Ion Ratio Lower Upper

42 100

72 50.2 46.5 69.7

71 46.7 44.5 66.7



#30

Chloroform

Concen: 48.606 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD077229.D

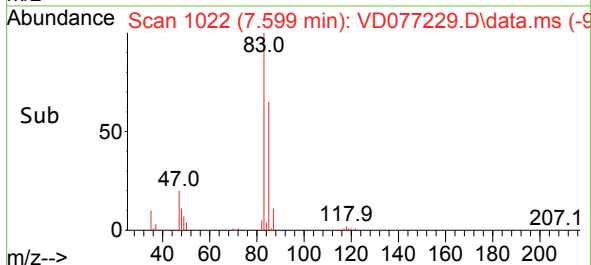
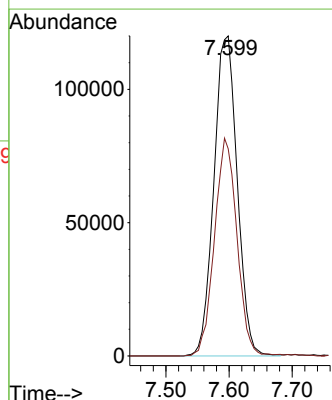
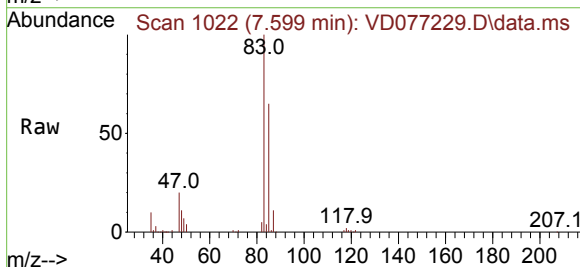
Acq: 28 Sep 2023 11:08

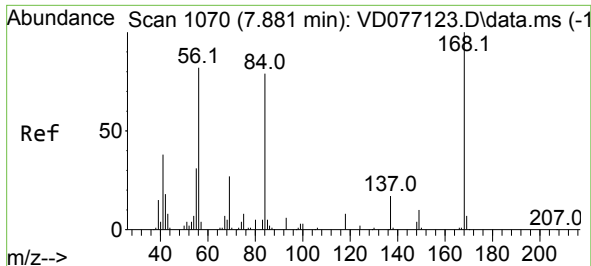
Tgt Ion: 83 Resp: 308811

Ion Ratio Lower Upper

83 100

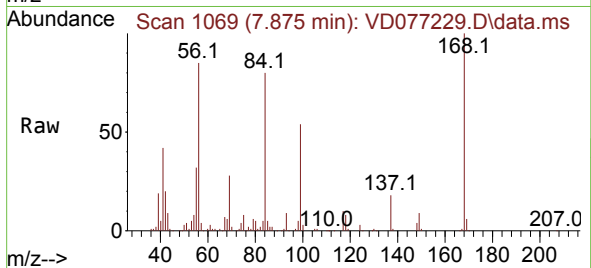
85 64.8 53.4 80.2



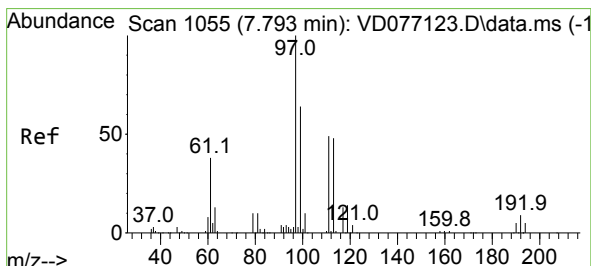
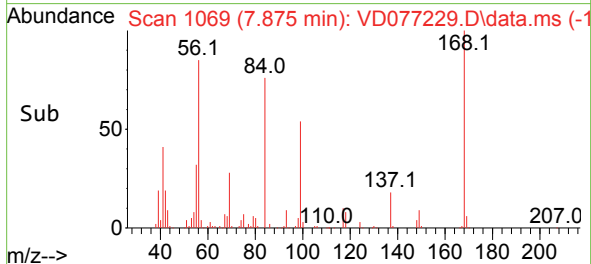
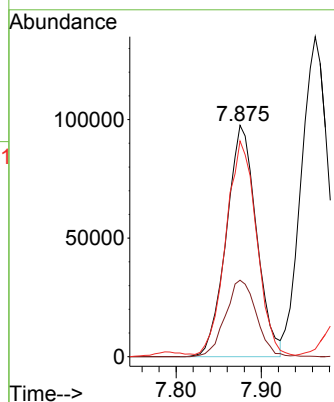


#31
Cyclohexane
Concen: 53.193 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :

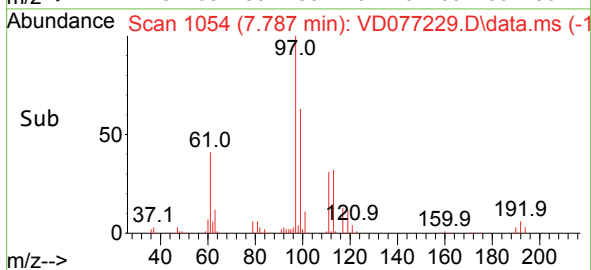
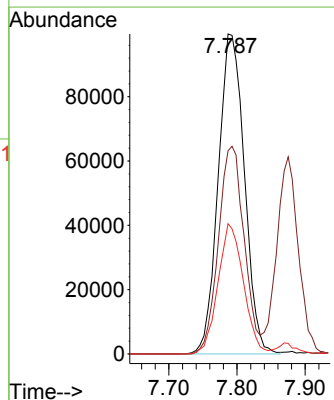
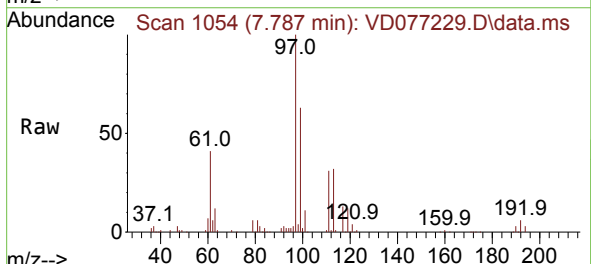


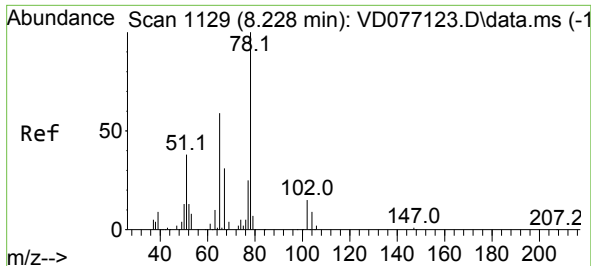
Tgt Ion: 56 Resp: 240394
Ion Ratio Lower Upper
56 100
69 33.0 28.6 43.0
84 91.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 50.120 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion: 97 Resp: 265797
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 39.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.207 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

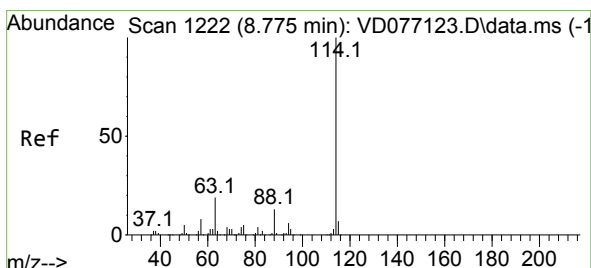
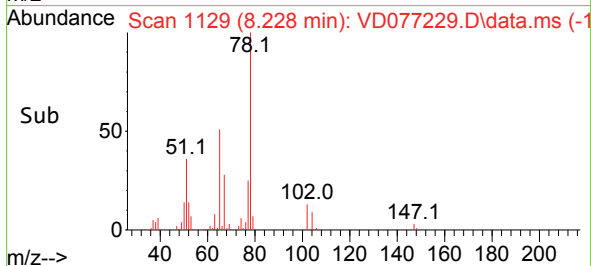
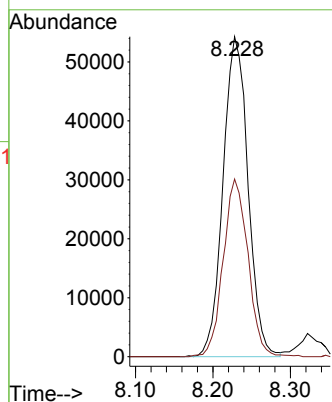
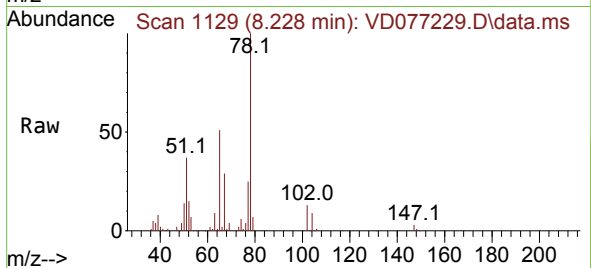
ClientSampleId :

Tgt Ion: 65 Resp: 121945

Ion Ratio Lower Upper

65 100

67 55.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

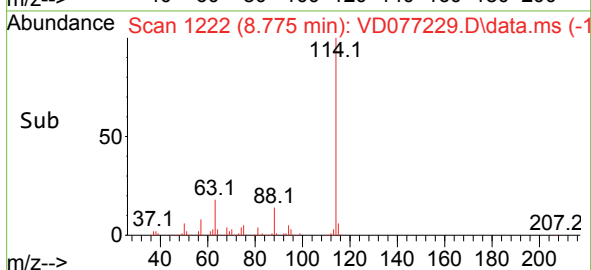
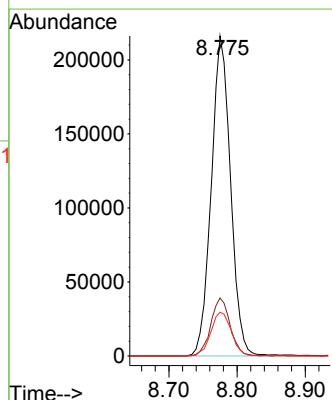
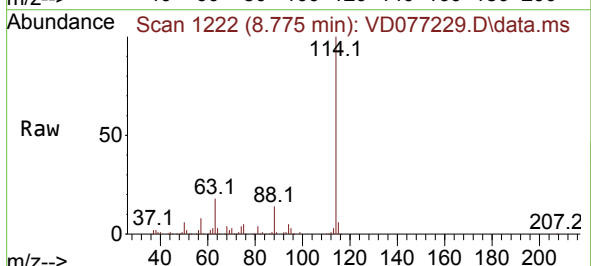
Tgt Ion: 114 Resp: 425245

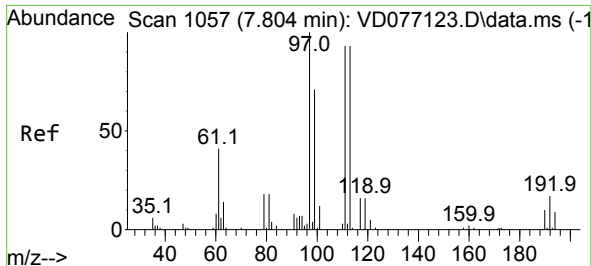
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

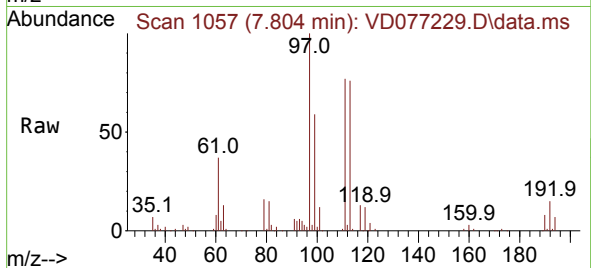
88 13.6 0.0 26.2



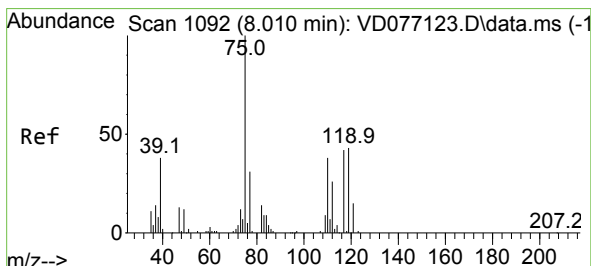
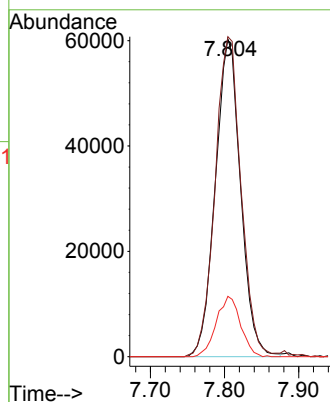
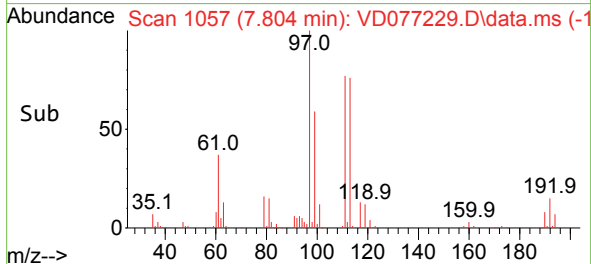


#35
Dibromofluoromethane
Concen: 48.203 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :

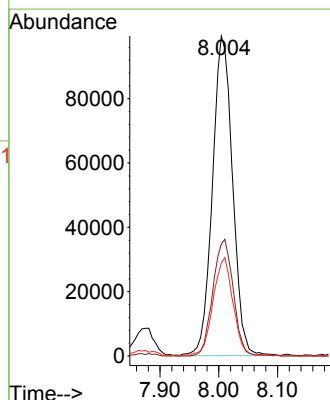
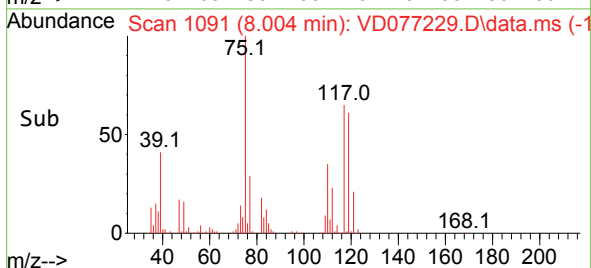
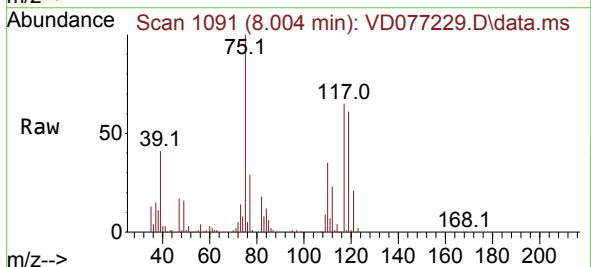


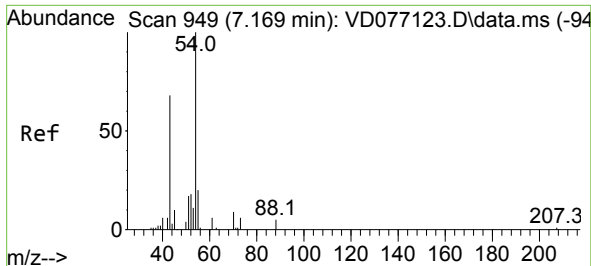
Tgt Ion:113 Resp: 142379
Ion Ratio Lower Upper
113 100
111 103.5 84.7 127.1
192 18.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 53.197 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion: 75 Resp: 236638
Ion Ratio Lower Upper
75 100
110 36.9 19.9 59.6
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 50.739 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

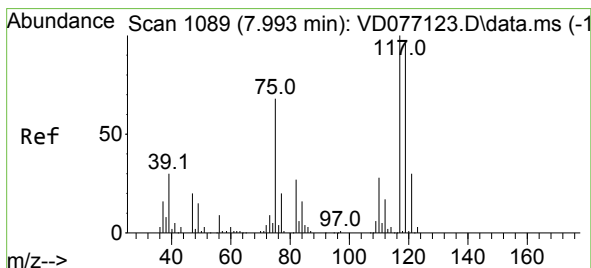
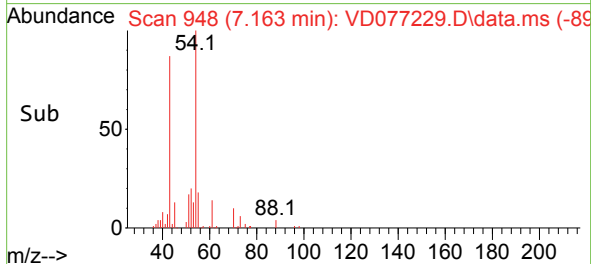
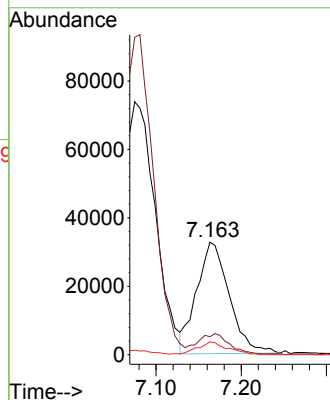
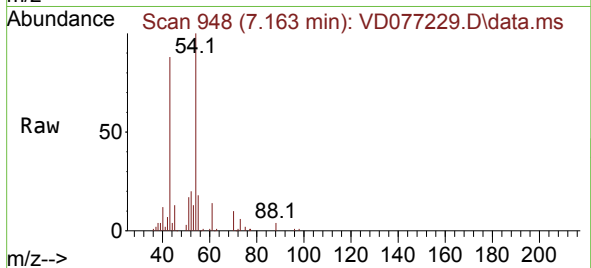
Tgt Ion: 43 Resp: 86594

Ion Ratio Lower Upper

43 100

61 17.2 14.9 22.3

70 10.8 10.0 15.0



#38

Carbon Tetrachloride

Concen: 51.431 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

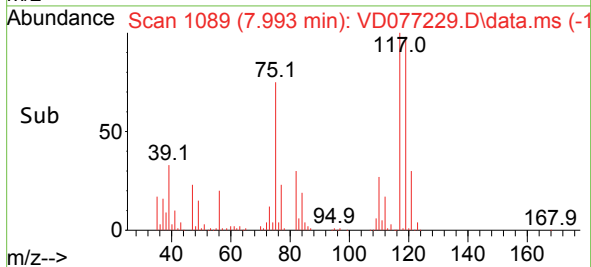
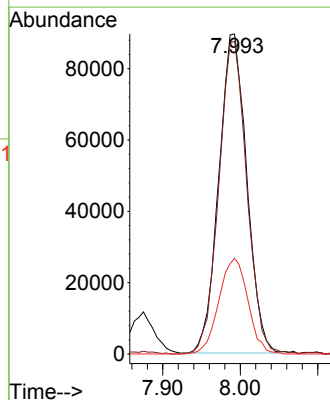
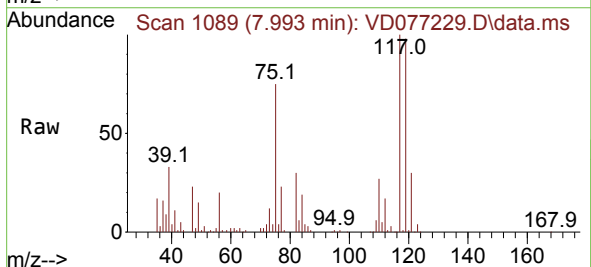
Tgt Ion: 117 Resp: 224863

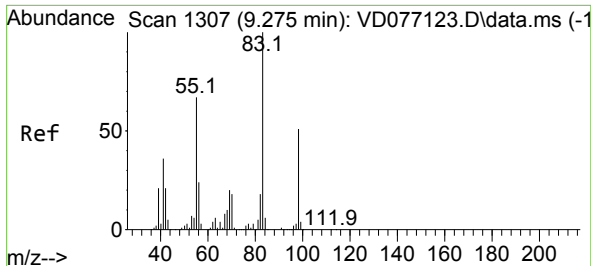
Ion Ratio Lower Upper

117 100

119 98.0 78.0 117.0

121 30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 53.116 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

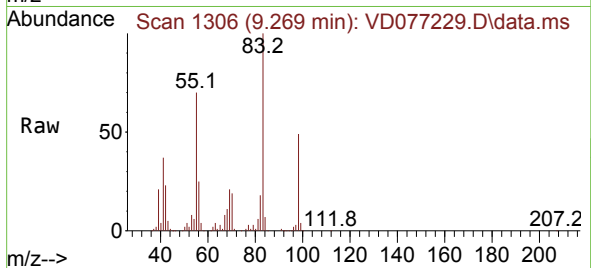
Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :



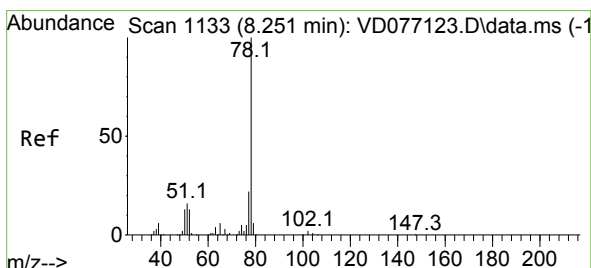
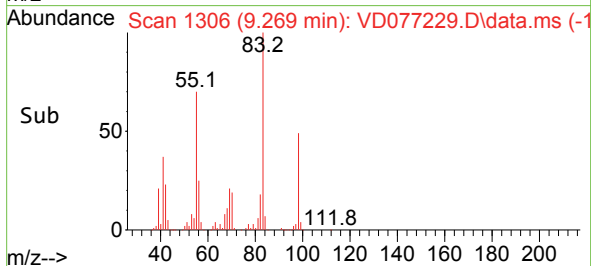
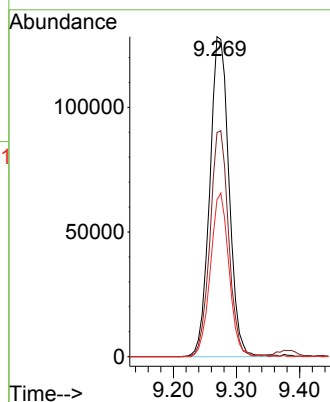
Tgt Ion: 83 Resp: 271861

Ion Ratio Lower Upper

83 100

55 70.1 49.4 74.0

98 49.1 38.4 57.6



#40

Benzene

Concen: 50.748 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077229.D

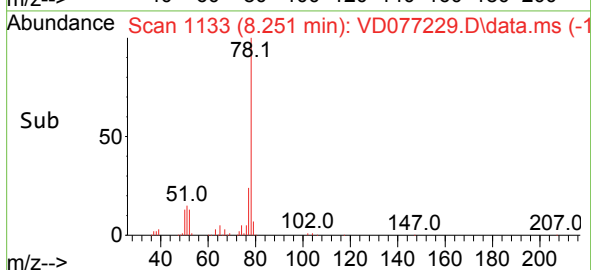
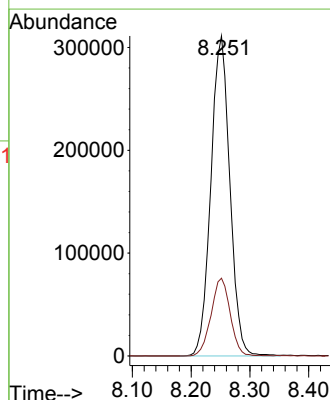
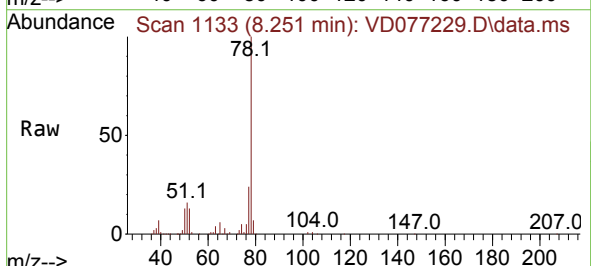
Acq: 28 Sep 2023 11:08

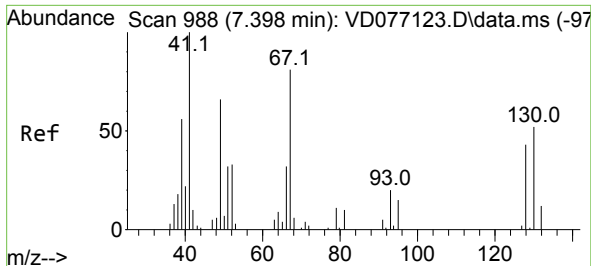
Tgt Ion: 78 Resp: 698428

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

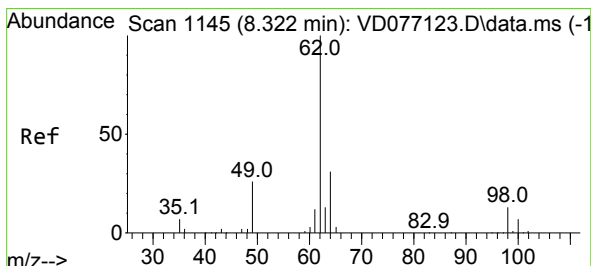
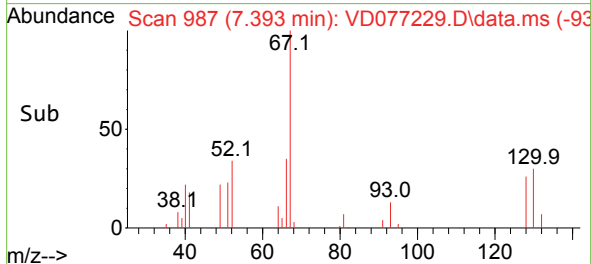
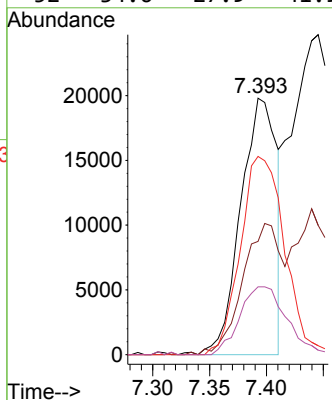
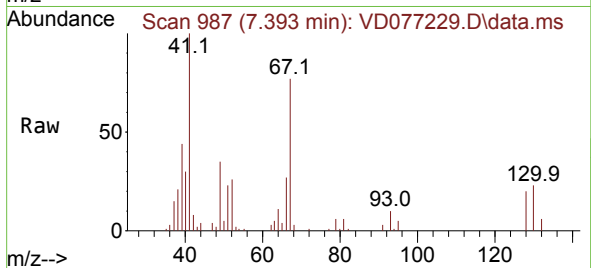




#41
Methacrylonitrile
Concen: 47.879 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

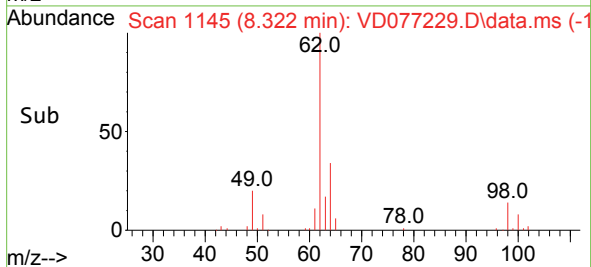
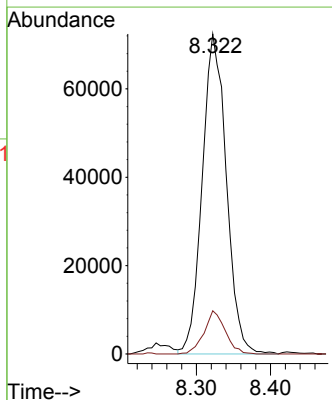
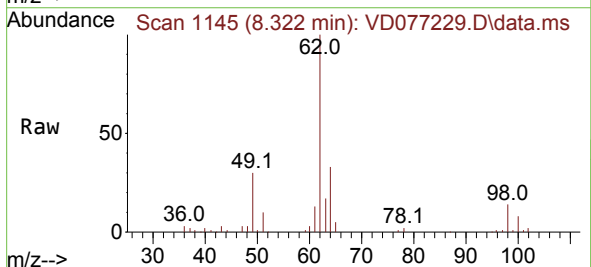
Instrument :
MSVOA_D
ClientSampleId :

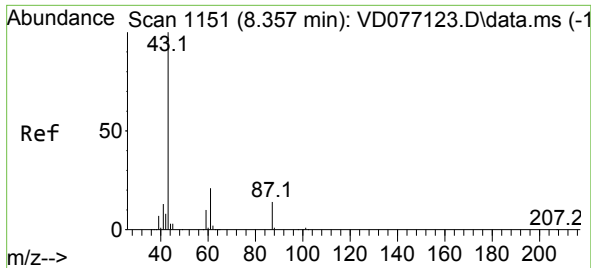
Tgt Ion: 41 Resp: 43614
Ion Ratio Lower Upper
41 100
39 55.6 34.0 51.0#
67 94.7 77.0 115.4
52 34.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 47.969 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

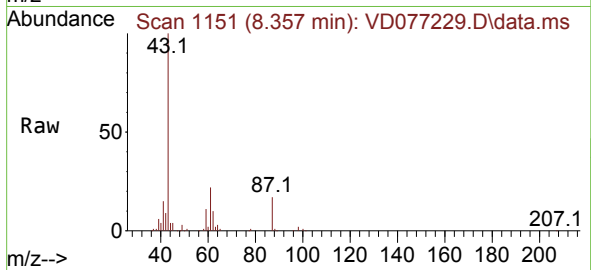
Tgt Ion: 62 Resp: 163678
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4



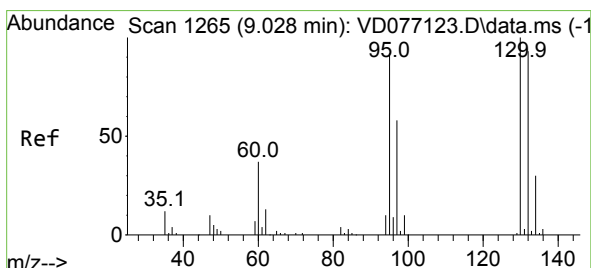
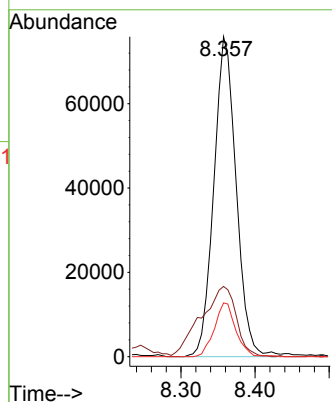
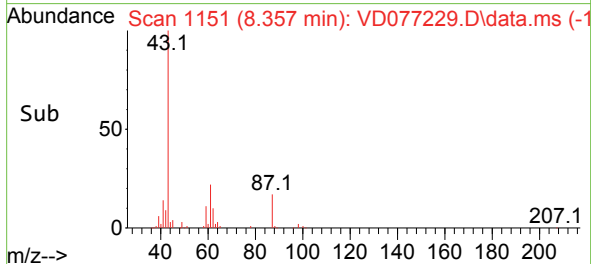


#43
Isopropyl Acetate
Concen: 50.589 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :

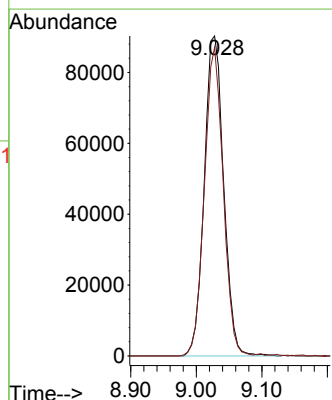
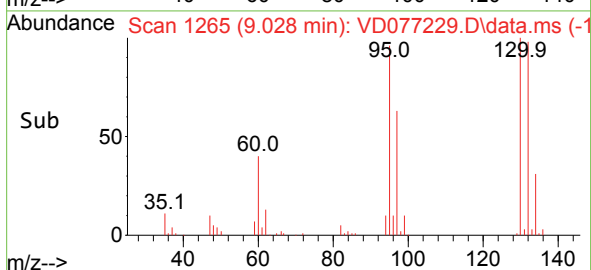
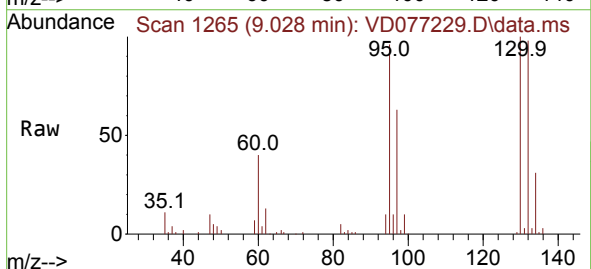


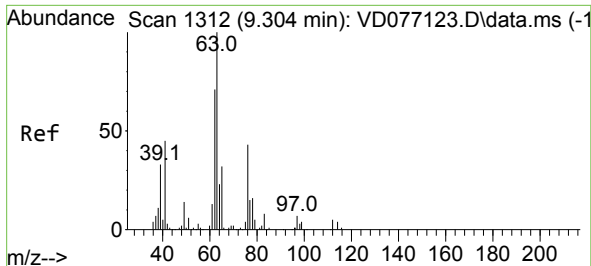
Tgt Ion: 43 Resp: 158965
Ion Ratio Lower Upper
43 100
61 34.5 31.4 47.0
87 16.2 14.9 22.3



#44
Trichloroethene
Concen: 48.926 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion:130 Resp: 186365
Ion Ratio Lower Upper
130 100
95 96.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.684 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

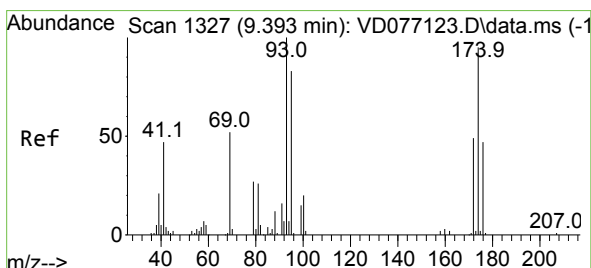
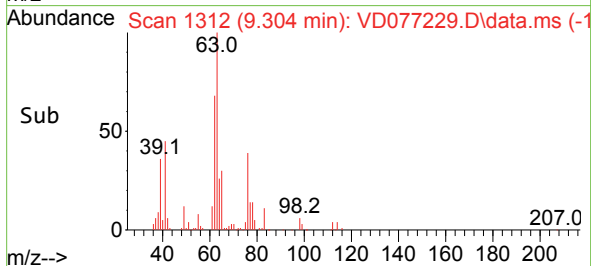
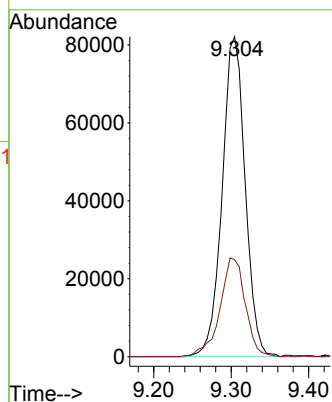
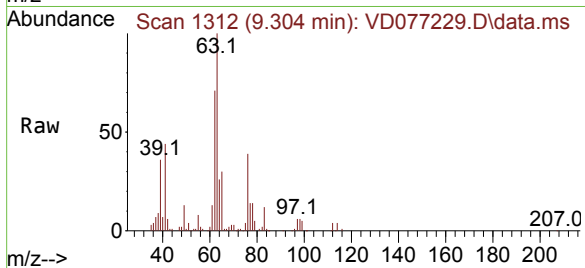
ClientSampleId :

Tgt Ion: 63 Resp: 169425

Ion Ratio Lower Upper

63 100

65 30.3 24.5 36.7



#46

Dibromomethane

Concen: 48.146 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

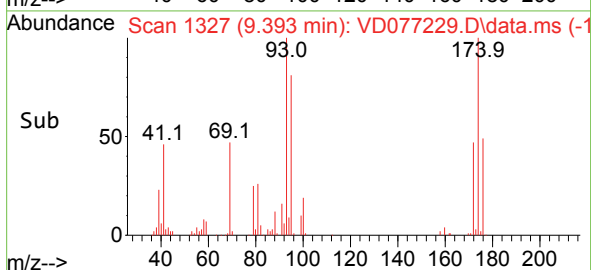
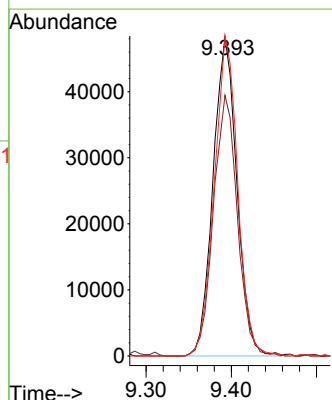
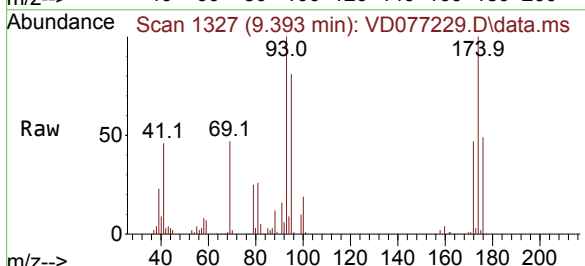
Tgt Ion: 93 Resp: 93524

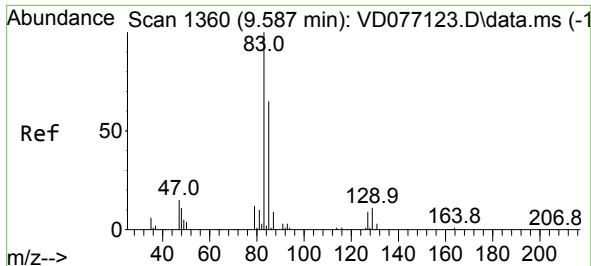
Ion Ratio Lower Upper

93 100

95 82.5 67.7 101.5

174 98.5 85.4 128.2

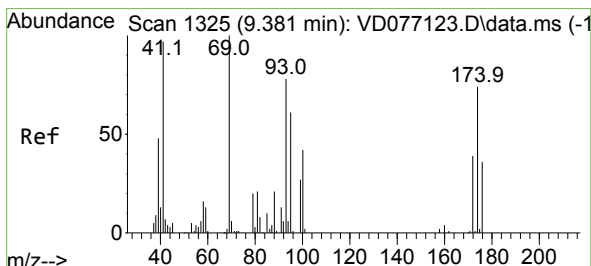
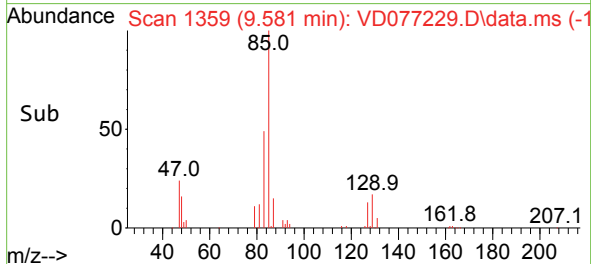
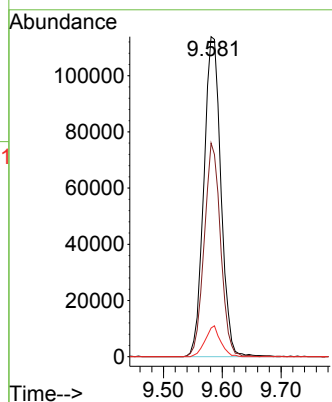
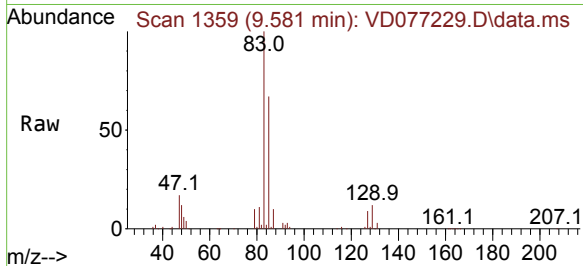




#47
 Bromodichloromethane
 Concen: 49.008 ug/l
 RT: 9.581 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077229.D
 Acq: 28 Sep 2023 11:08

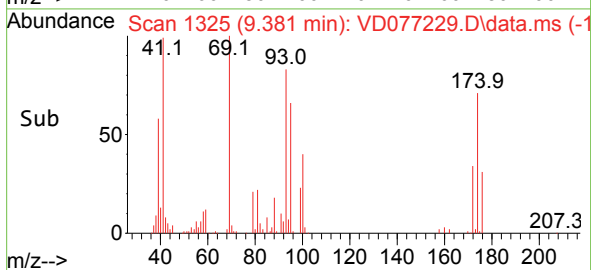
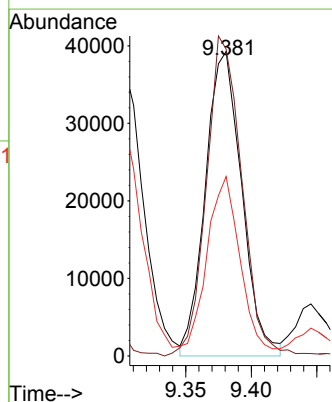
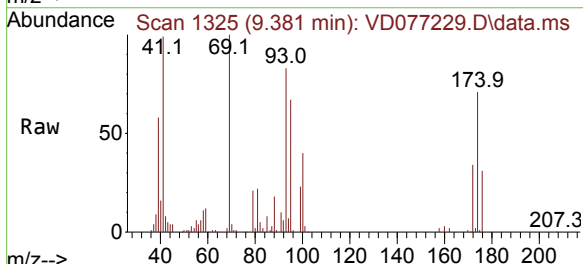
Instrument :
 MSVOA_D
 ClientSampleId :

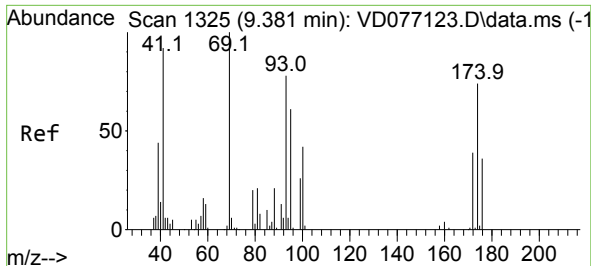
Tgt Ion: 83 Resp: 230048
 Ion Ratio Lower Upper
 83 100
 85 66.8 50.2 75.4
 127 8.9 6.3 9.5



#48
 Methyl methacrylate
 Concen: 53.110 ug/l
 RT: 9.381 min Scan# 1325
 Delta R.T. 0.000 min
 Lab File: VD077229.D
 Acq: 28 Sep 2023 11:08

Tgt Ion: 41 Resp: 75833
 Ion Ratio Lower Upper
 41 100
 69 102.5 102.2 153.2
 39 50.3 41.4 62.2





#49

1,4-Dioxane

Concen: 1006.053 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

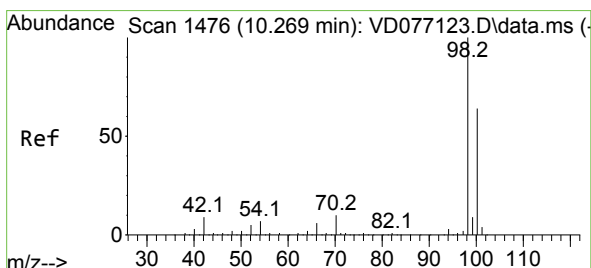
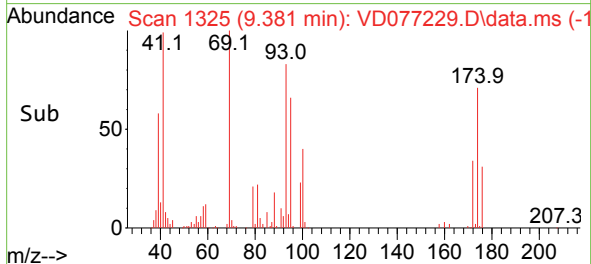
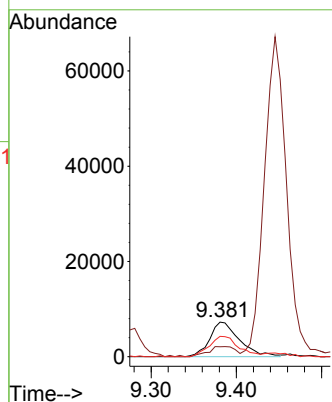
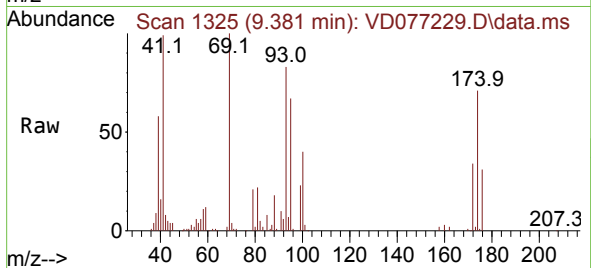
Tgt Ion: 88 Resp: 17640

Ion Ratio Lower Upper

88 100

43 26.6 19.0 28.6

58 57.9 43.5 65.3



#50

Toluene-d8

Concen: 50.625 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077229.D

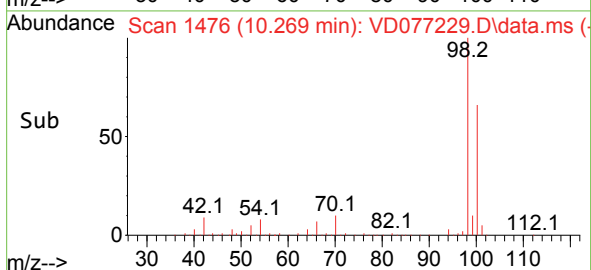
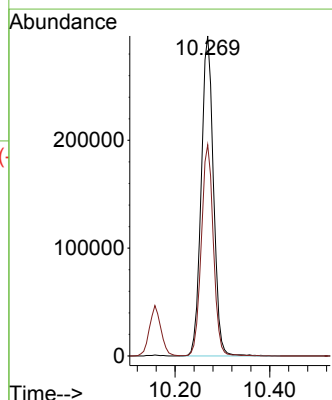
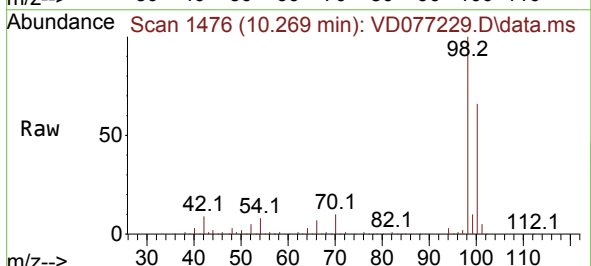
Acq: 28 Sep 2023 11:08

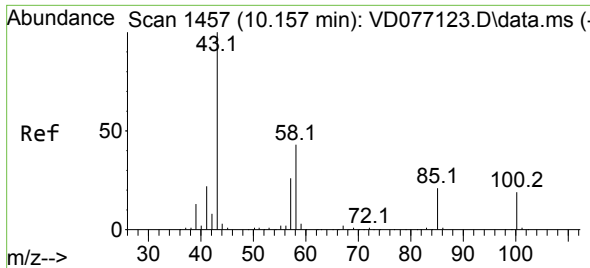
Tgt Ion: 98 Resp: 532247

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5

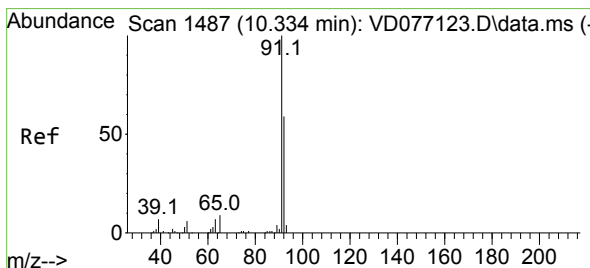
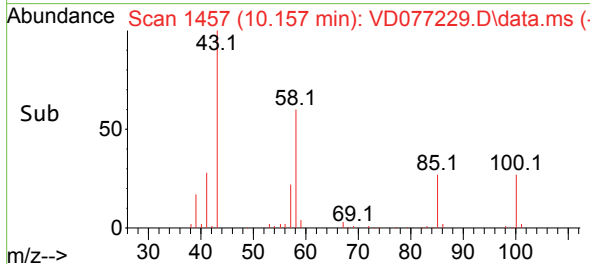
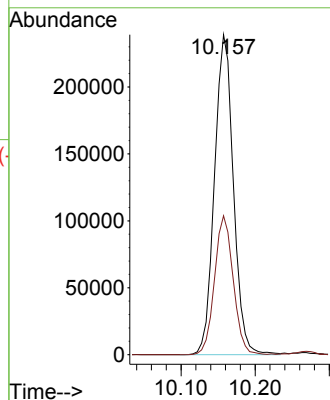
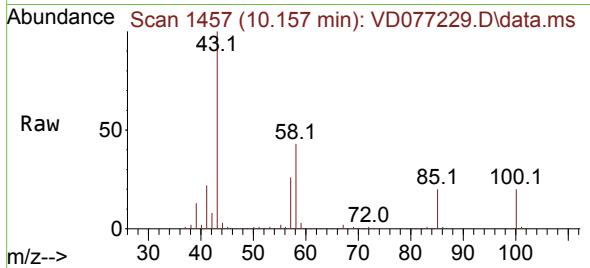




#51
4-Methyl-2-Pentanone
Concen: 258.060 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

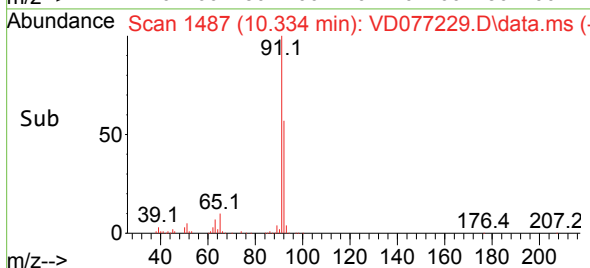
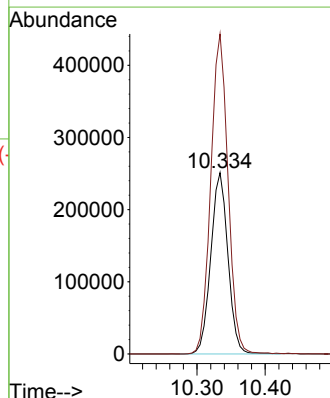
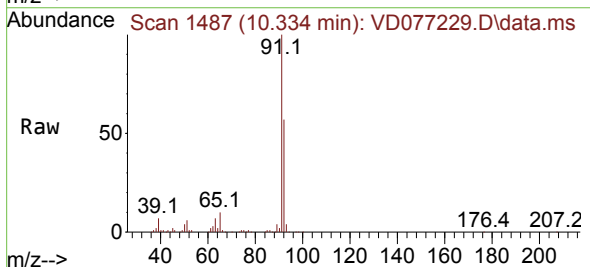
Instrument :
MSVOA_D
ClientSampleId :

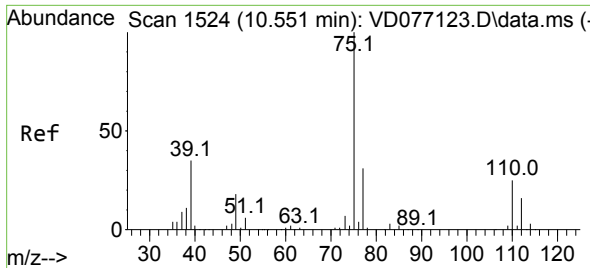
Tgt Ion: 43 Resp: 424091
Ion Ratio Lower Upper
43 100
58 42.8 38.9 58.3



#52
Toluene
Concen: 49.927 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion: 92 Resp: 439579
Ion Ratio Lower Upper
92 100
91 178.0 143.0 214.4

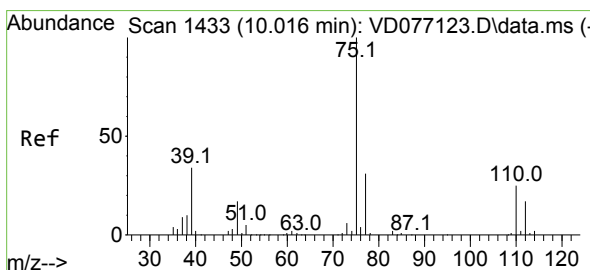
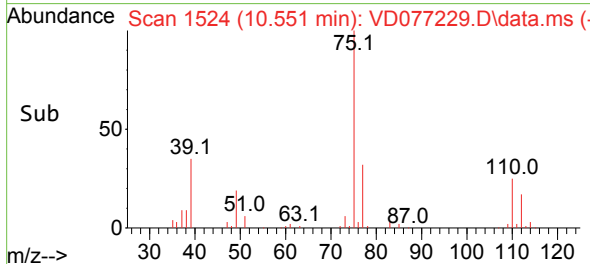
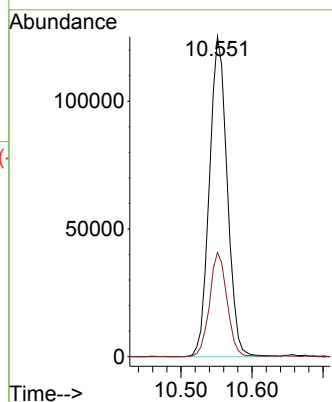
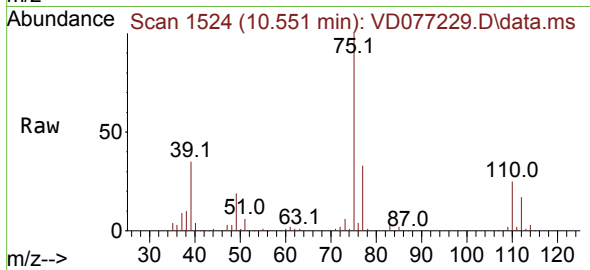




#53
t-1,3-Dichloropropene
Concen: 49.790 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

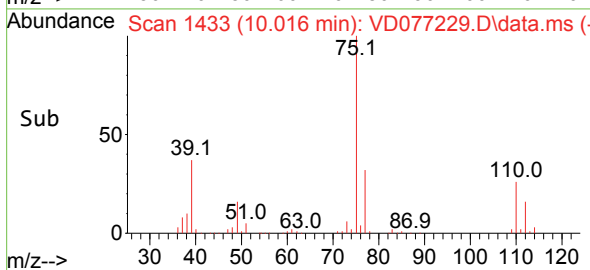
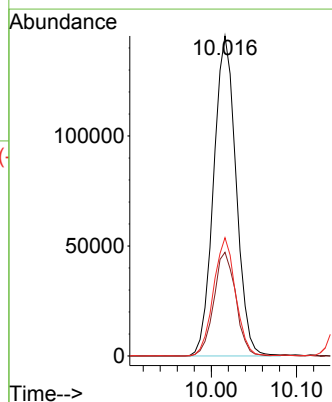
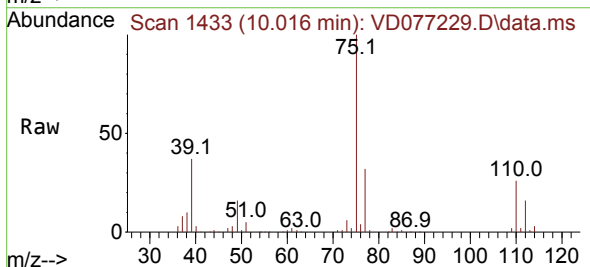
Instrument :
MSVOA_D
ClientSampleId :

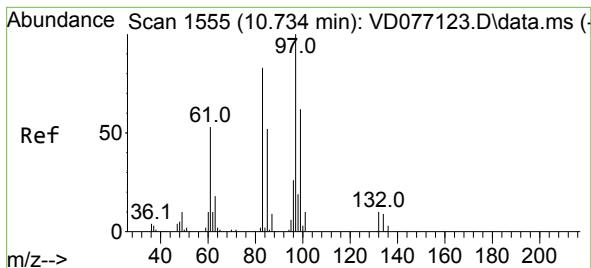
Tgt Ion: 75 Resp: 218354
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.648 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion: 75 Resp: 266114
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3
39 37.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 49.115 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 129762

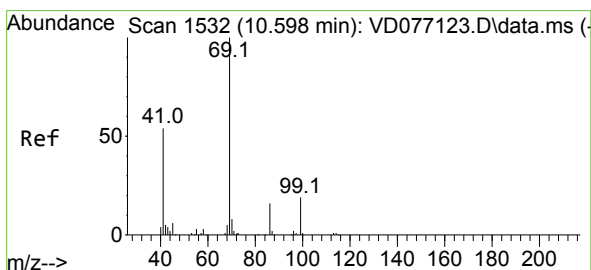
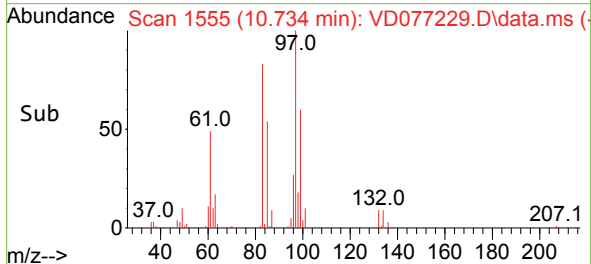
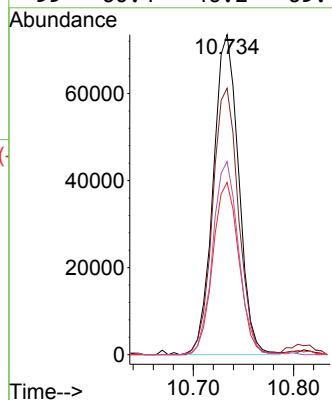
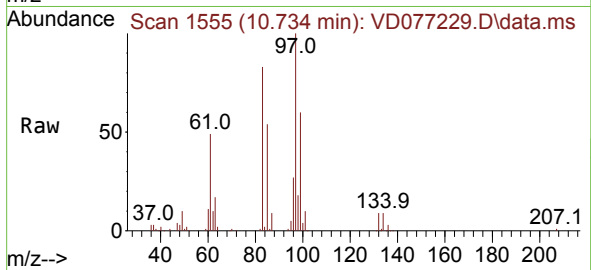
Ion Ratio Lower Upper

97 100

83 83.3 65.8 98.6

85 53.8 45.7 68.5

99 60.4 46.2 69.4



#56

Ethyl methacrylate

Concen: 52.576 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

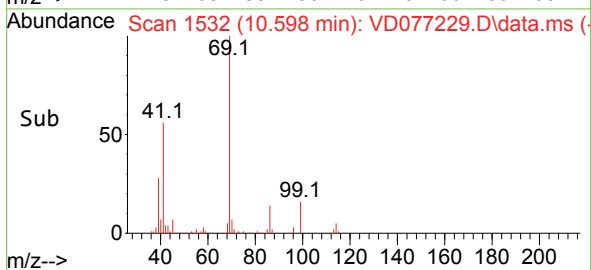
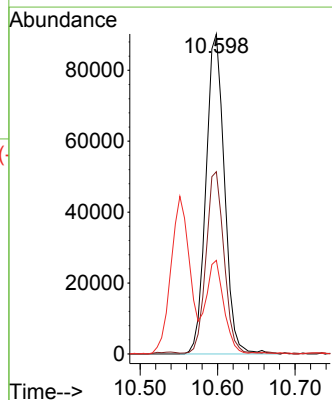
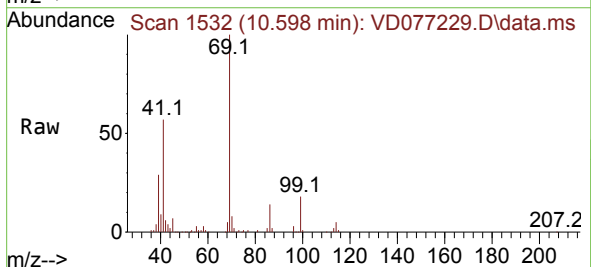
Tgt Ion: 69 Resp: 149233

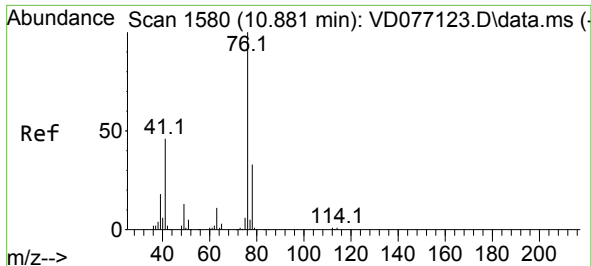
Ion Ratio Lower Upper

69 100

41 55.1 39.1 58.7

39 27.9 20.0 30.0





#57

1,3-Dichloropropane

Concen: 49.356 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

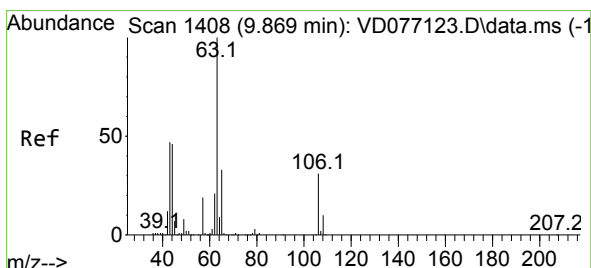
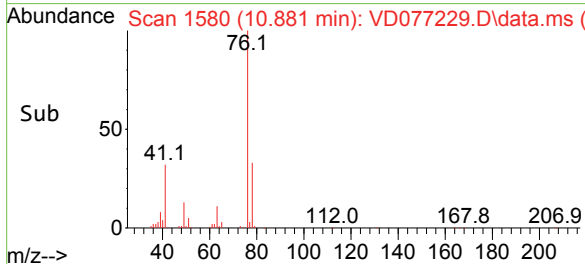
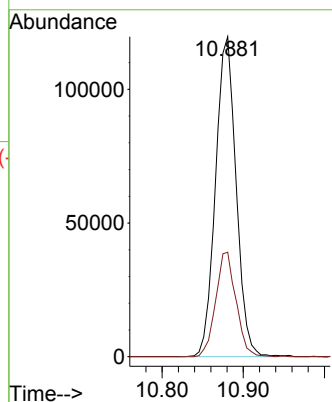
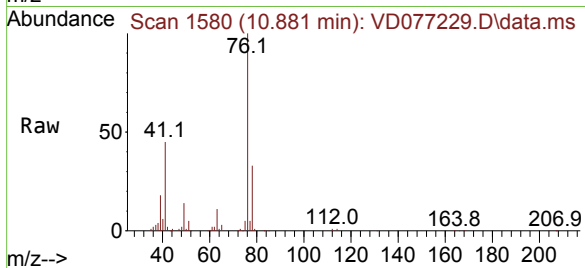
ClientSampleId :

Tgt Ion: 76 Resp: 211095

Ion Ratio Lower Upper

76 100

78 32.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 253.264 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077229.D

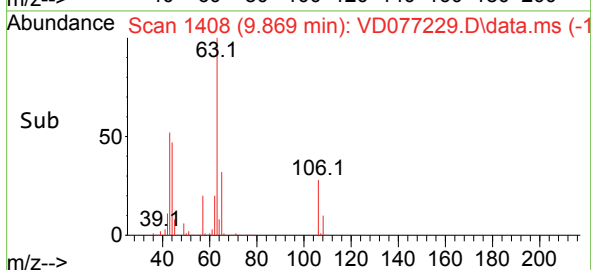
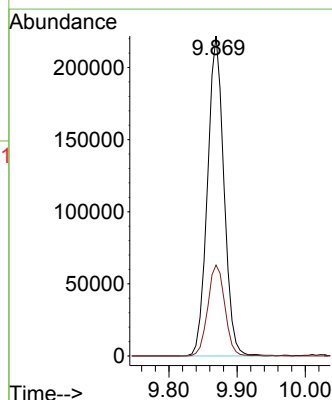
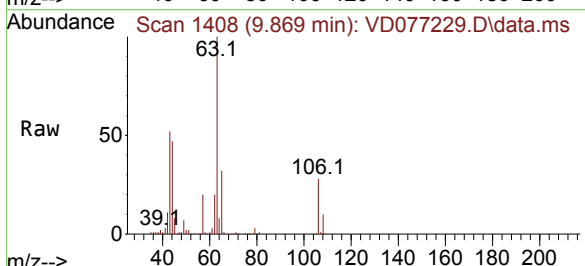
Acq: 28 Sep 2023 11:08

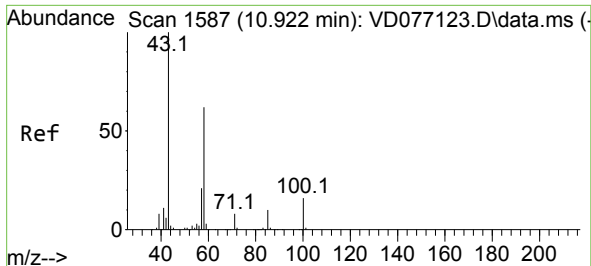
Tgt Ion: 63 Resp: 372005

Ion Ratio Lower Upper

63 100

106 29.4 25.3 37.9

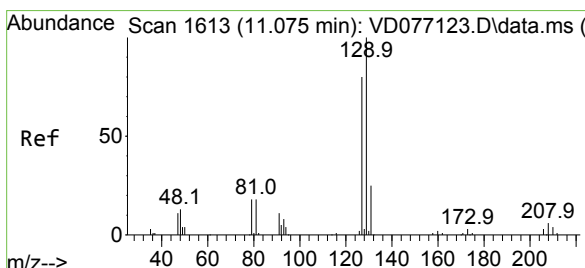
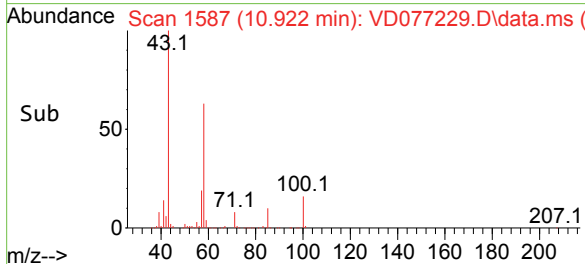
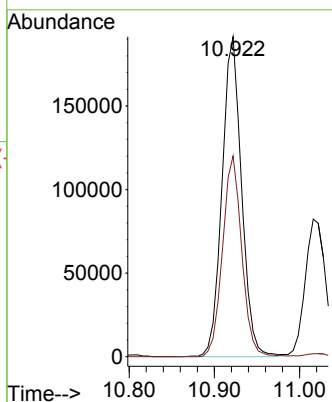
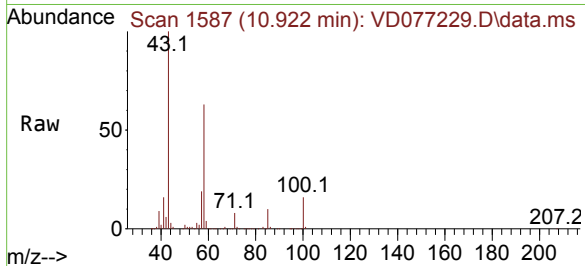




#59
2-Hexanone
Concen: 258.102 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

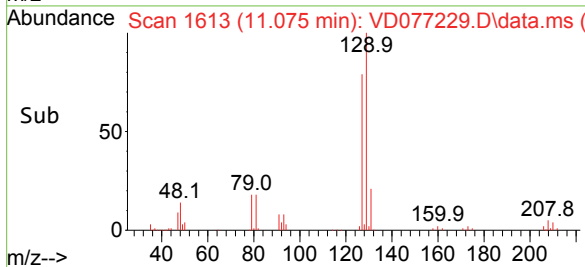
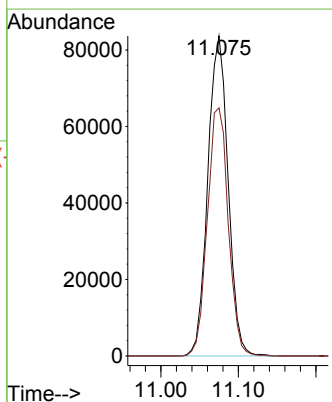
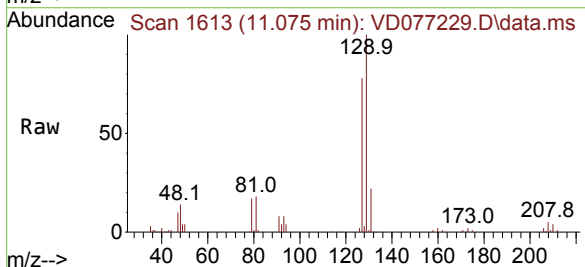
Instrument :
MSVOA_D
ClientSampleId :

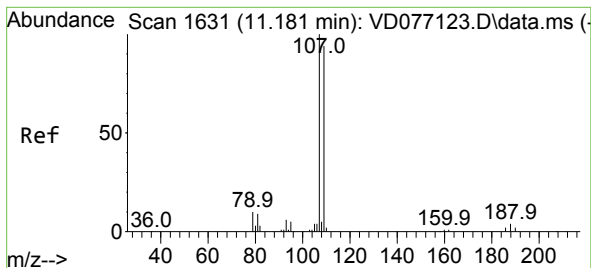
Tgt Ion: 43 Resp: 304334
Ion Ratio Lower Upper
43 100
58 61.7 34.1 102.2



#60
Dibromochloromethane
Concen: 46.992 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion: 129 Resp: 152065
Ion Ratio Lower Upper
129 100
127 79.9 37.1 111.5

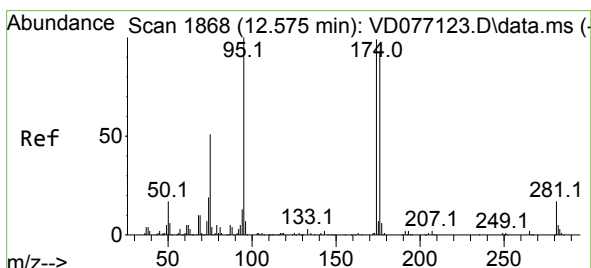
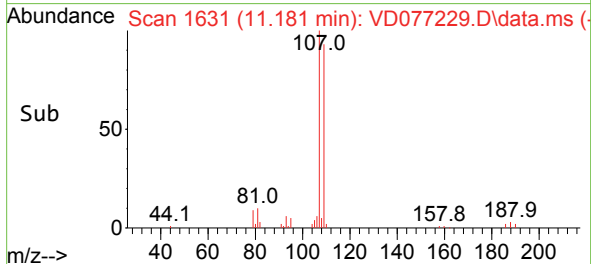
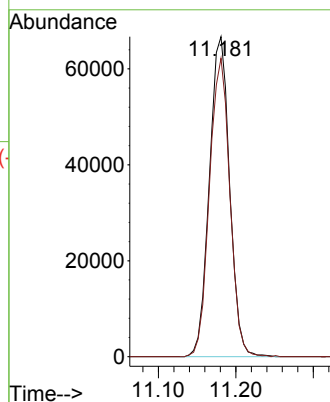
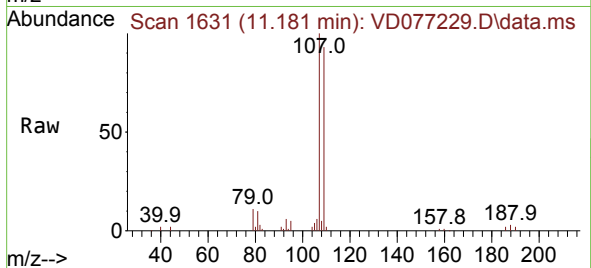




#61
 1,2-Dibromoethane
 Concen: 47.582 ug/l
 RT: 11.181 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VD077229.D
 Acq: 28 Sep 2023 11:08

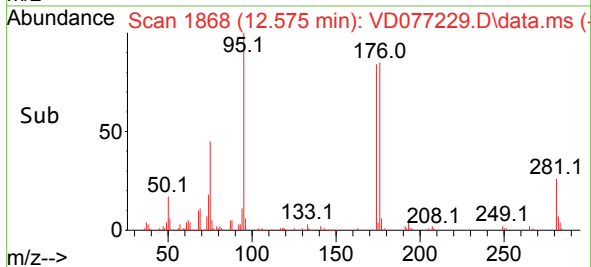
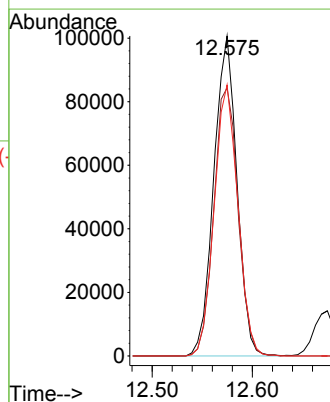
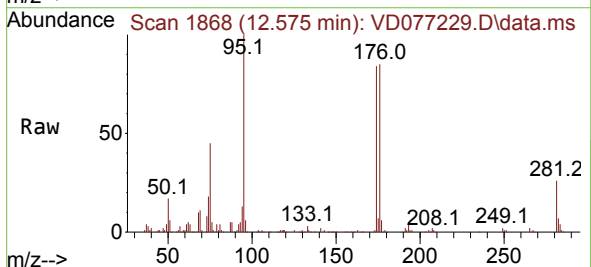
Instrument :
 MSVOA_D
 ClientSampleId :

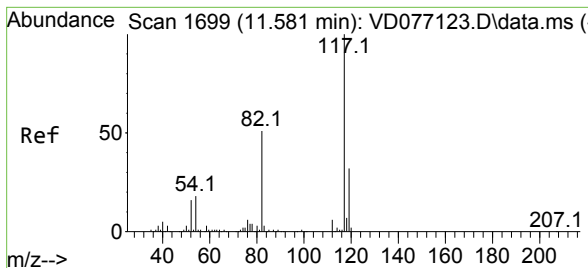
Tgt Ion:107 Resp: 121531
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.465 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD077229.D
 Acq: 28 Sep 2023 11:08

Tgt Ion: 95 Resp: 161188
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 201.8
 176 86.6 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: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

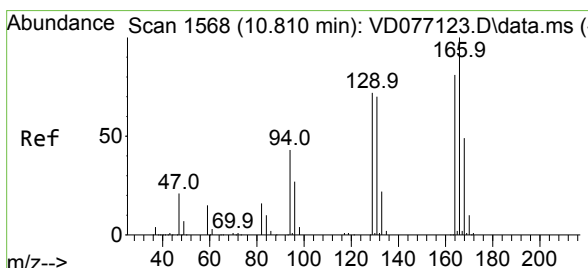
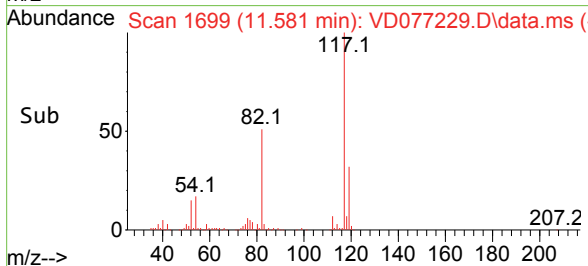
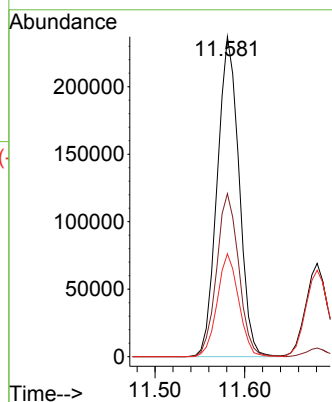
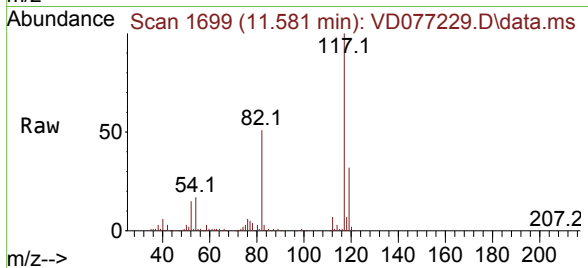
Tgt Ion:117 Resp: 399821

Ion Ratio Lower Upper

117 100

82 51.0 38.3 57.5

119 32.2 25.0 37.4



#64

Tetrachloroethene

Concen: 47.989 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Tgt Ion:164 Resp: 149282

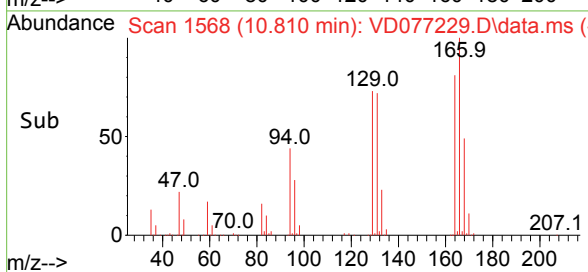
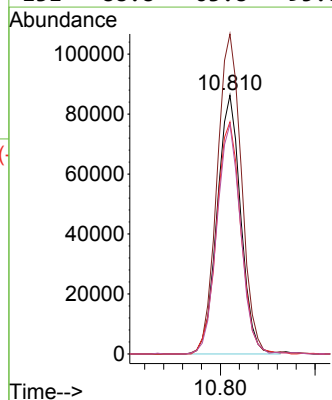
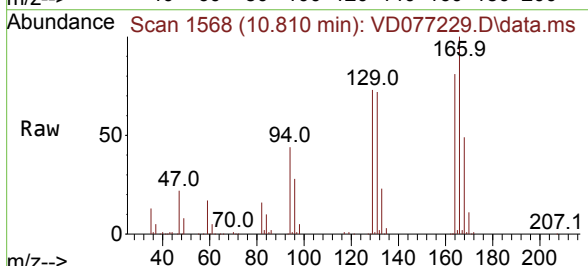
Ion Ratio Lower Upper

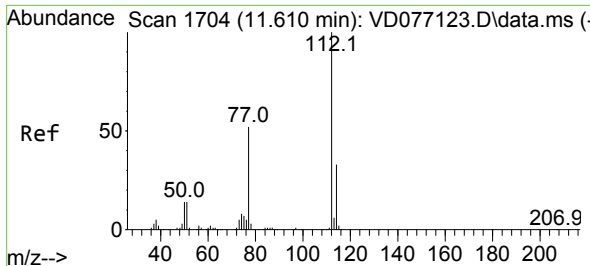
164 100

166 123.7 99.2 148.8

129 89.7 68.4 102.6

131 88.8 63.8 95.8

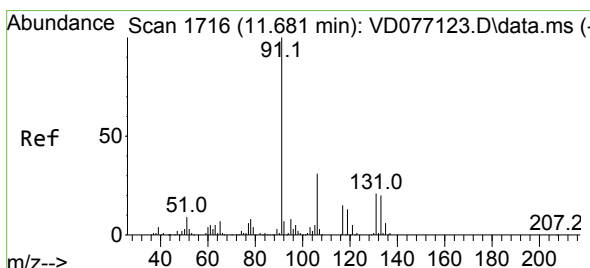
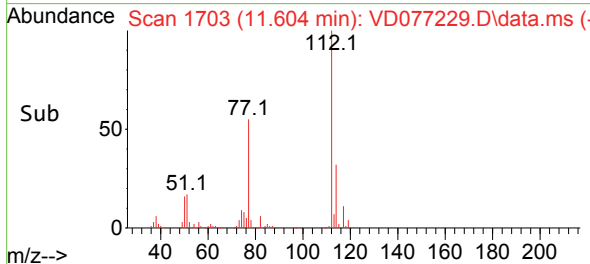
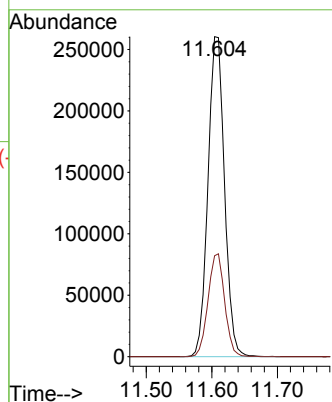
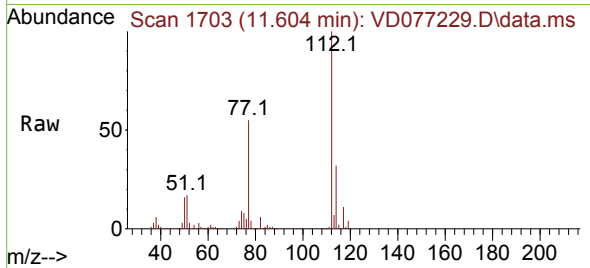




#65
Chlorobenzene
Concen: 48.578 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

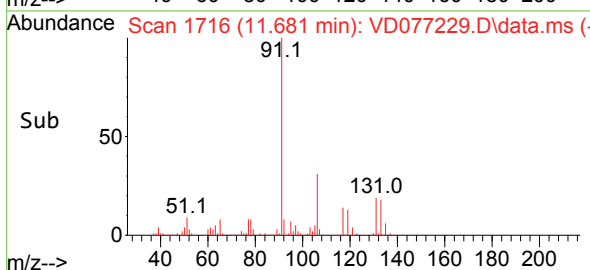
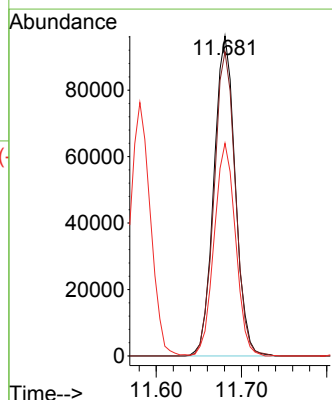
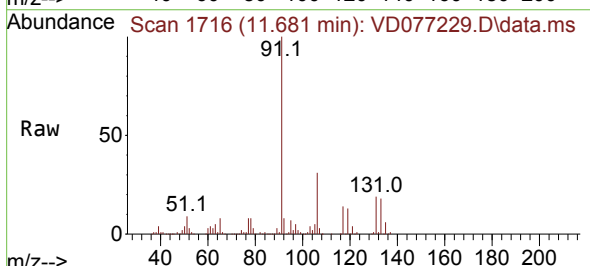
Instrument :
MSVOA_D
ClientSampleId :

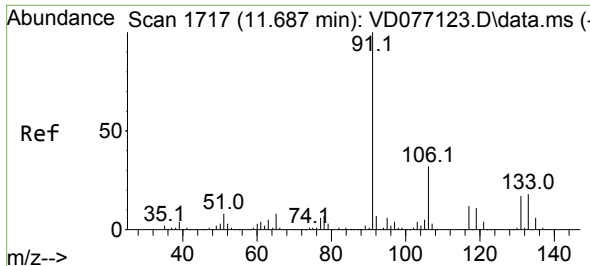
Tgt Ion:112 Resp: 456897
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 48.663 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion:131 Resp: 167450
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.5
119 66.5 35.6 106.9

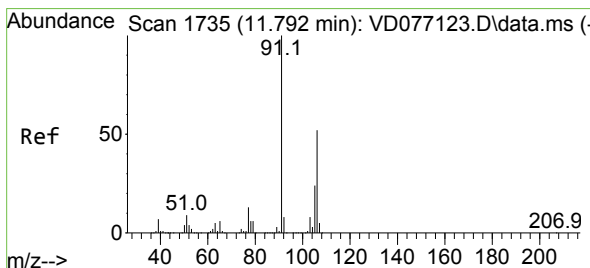
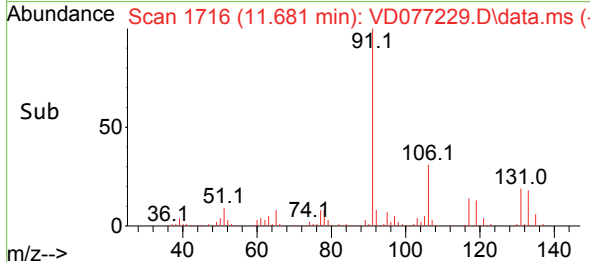
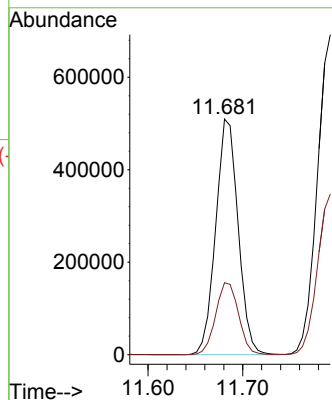
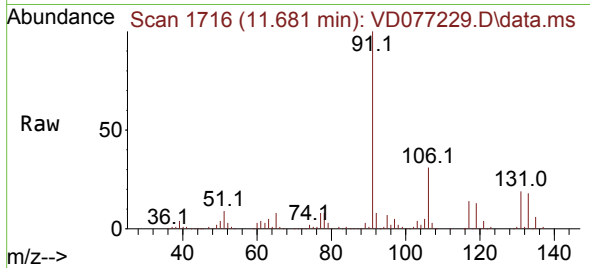




#67
Ethyl Benzene
Concen: 51.883 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

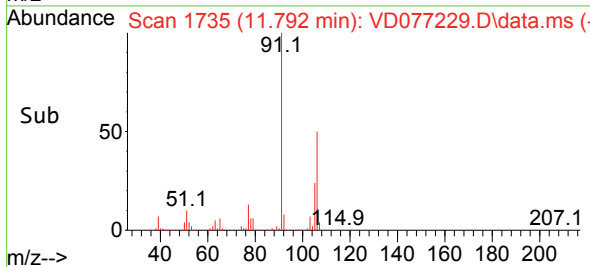
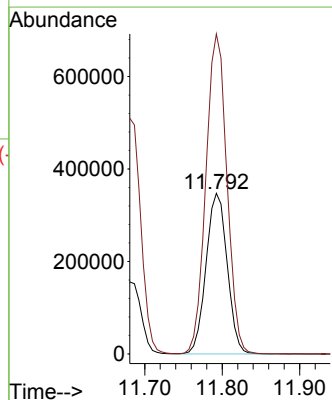
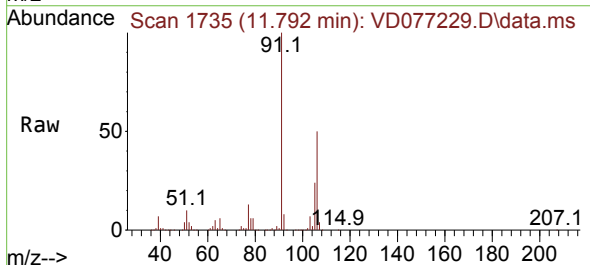
Instrument :
MSVOA_D
ClientSampleId :

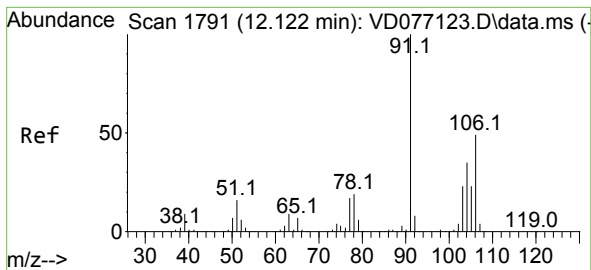
Tgt Ion: 91 Resp: 838782
Ion Ratio Lower Upper
91 100
106 30.5 26.5 39.7



#68
m/p-Xylenes
Concen: 101.616 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion:106 Resp: 657763
Ion Ratio Lower Upper
106 100
91 198.4 147.0 220.6





#69

o-Xylene

Concen: 50.290 ug/l

RT: 12.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

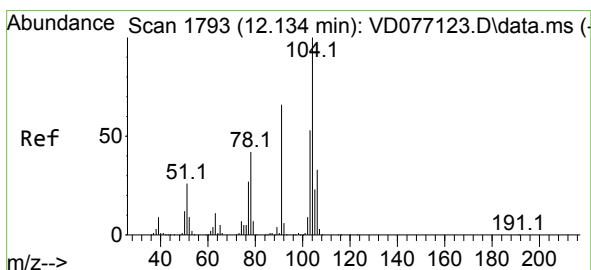
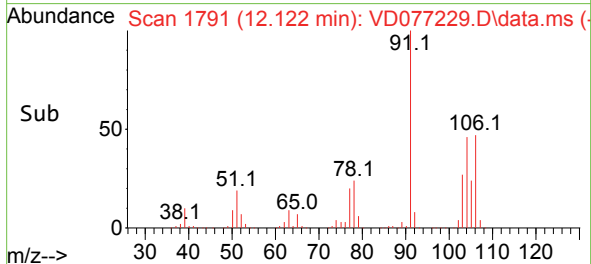
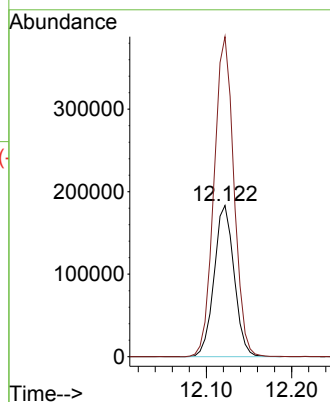
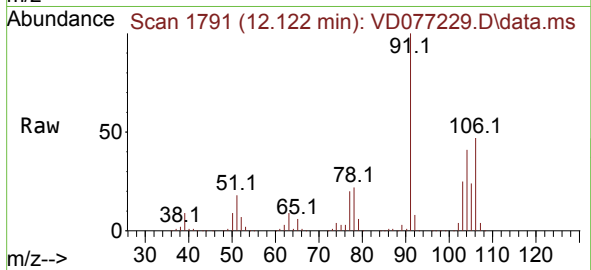
ClientSampleId :

Tgt Ion:106 Resp: 298787

Ion Ratio Lower Upper

106 100

91 211.1 97.9 293.6



#70

Styrene

Concen: 51.587 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

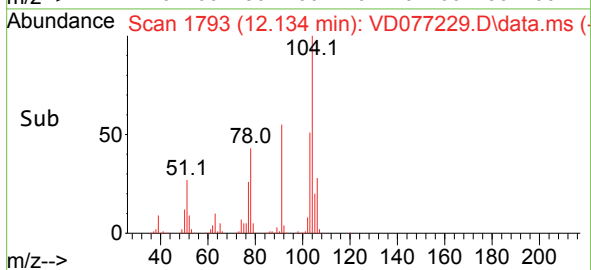
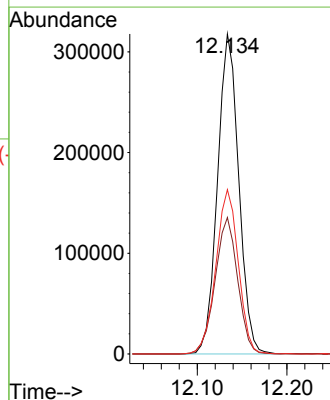
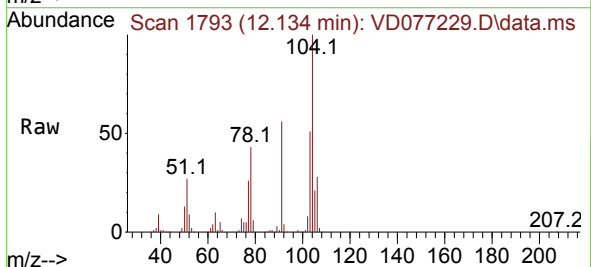
Tgt Ion:104 Resp: 522169

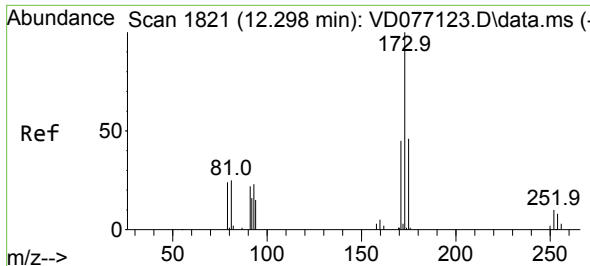
Ion Ratio Lower Upper

104 100

78 45.4 33.2 49.8

103 54.3 43.6 65.4

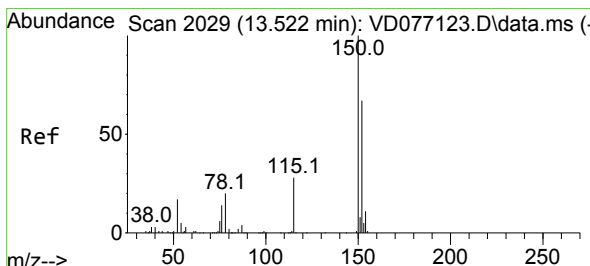
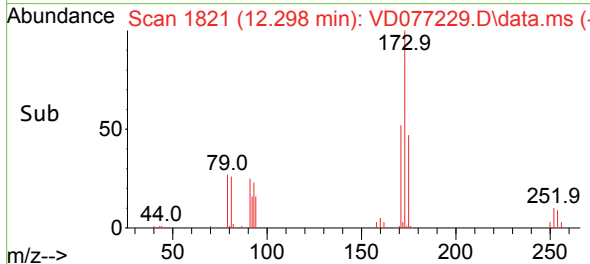
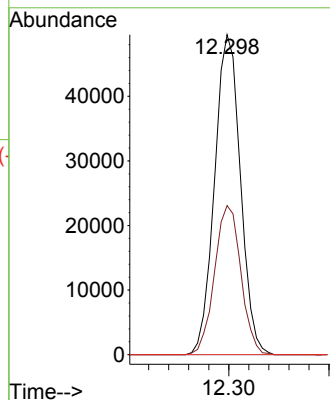
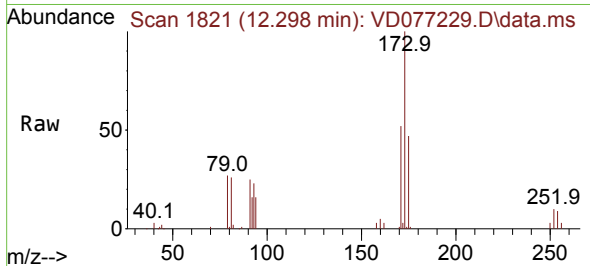




#71
Bromoform
Concen: 46.422 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

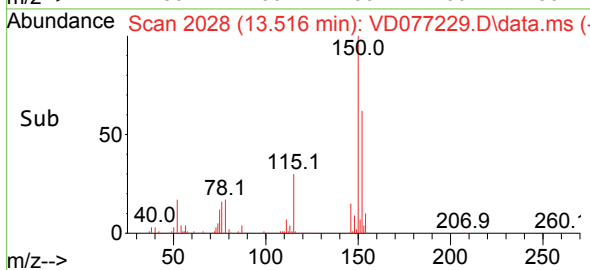
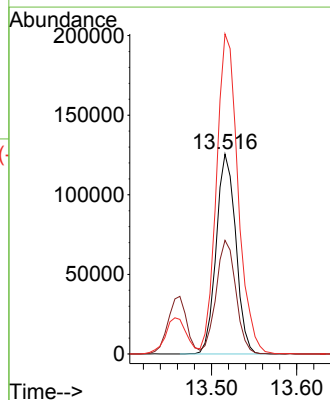
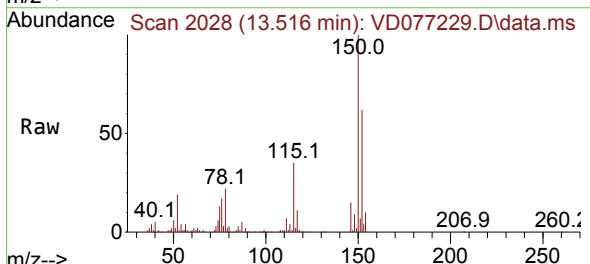
Instrument :
MSVOA_D
ClientSampleId :

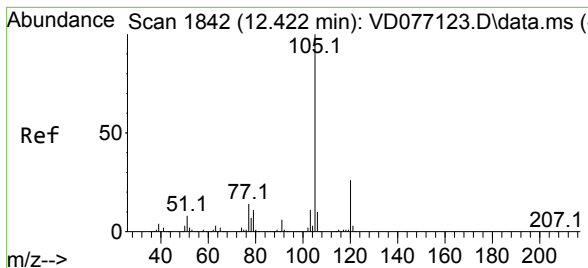
Tgt Ion:173 Resp: 88545
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion:152 Resp: 200423
Ion Ratio Lower Upper
152 100
115 57.6 27.1 81.3
150 176.4 0.0 353.6





#73

Isopropylbenzene

Concen: 53.335 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

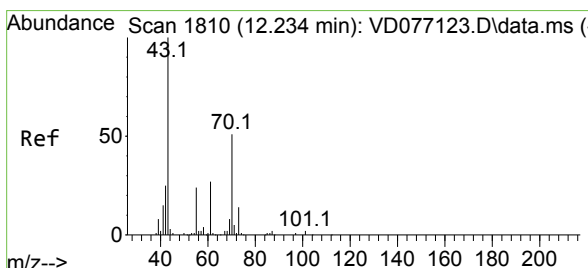
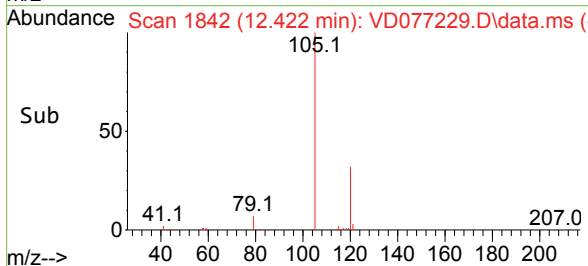
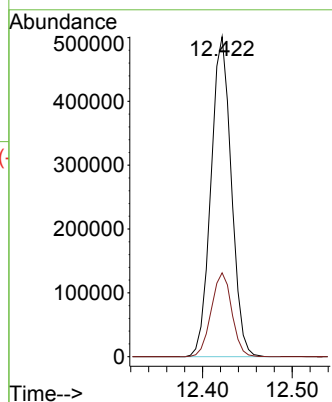
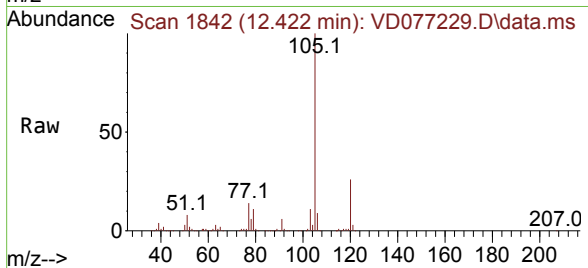
ClientSampleId :

Tgt Ion:105 Resp: 789857

Ion Ratio Lower Upper

105 100

120 26.4 14.3 42.9



#74

N-ethyl acetate

Concen: 52.582 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Tgt Ion: 43 Resp: 146275

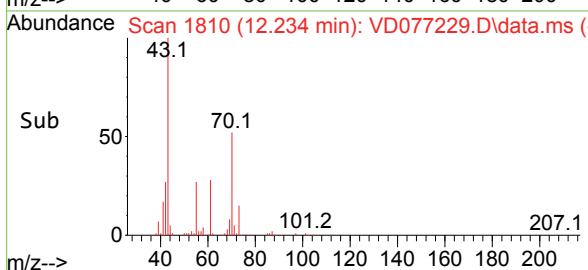
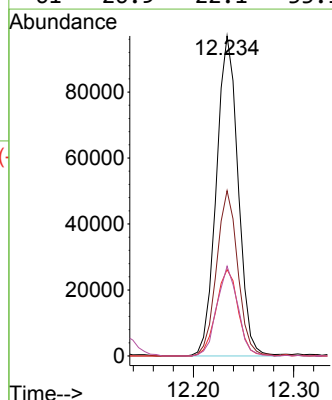
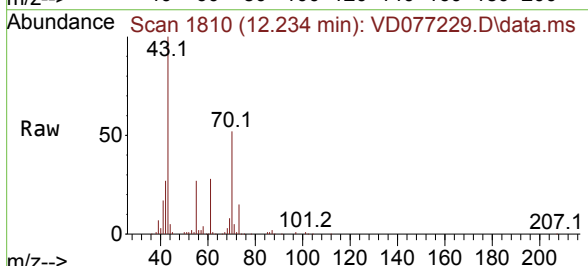
Ion Ratio Lower Upper

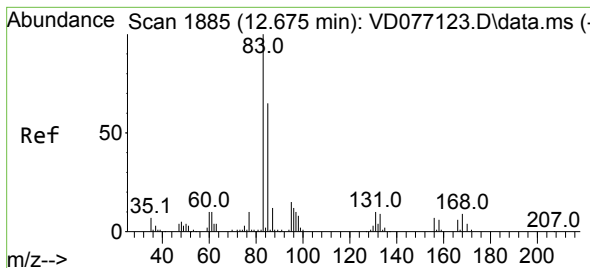
43 100

70 50.3 45.0 67.4

55 27.5 23.8 35.6

61 26.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.796 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

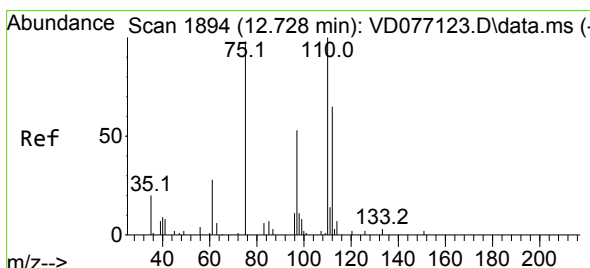
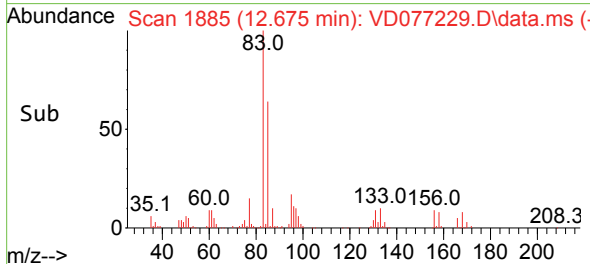
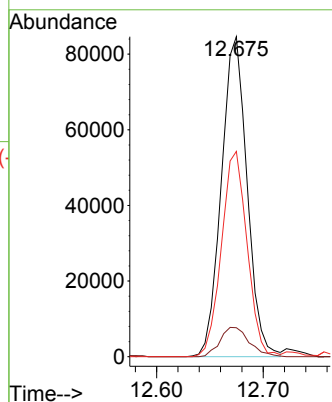
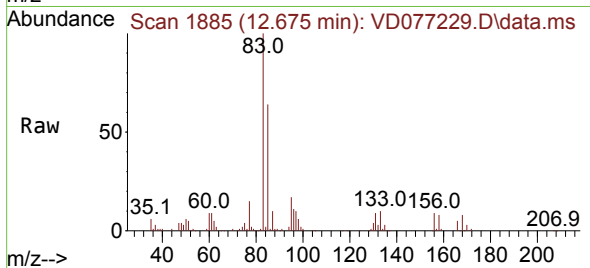
Tgt Ion: 83 Resp: 141961

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

85 63.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 107.540 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD077229.D

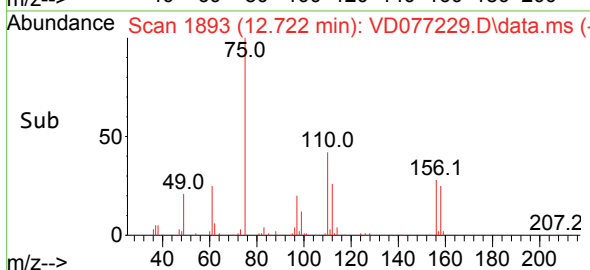
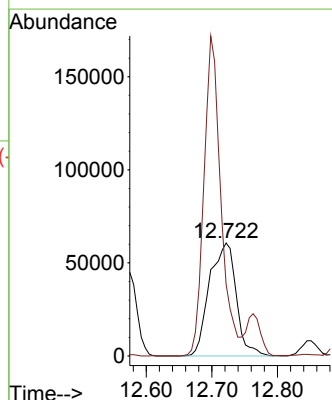
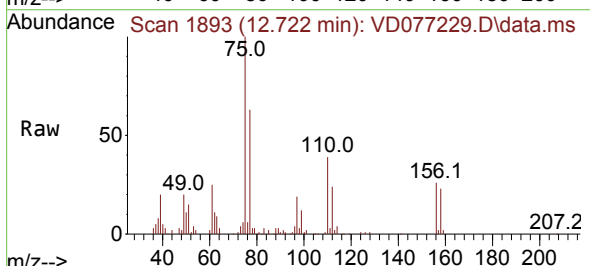
Acq: 28 Sep 2023 11:08

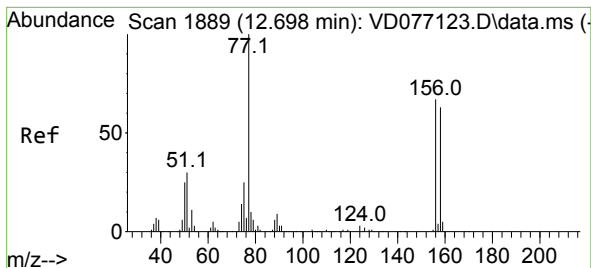
Tgt Ion: 75 Resp: 171926

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.730 ug/l

RT: 12.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

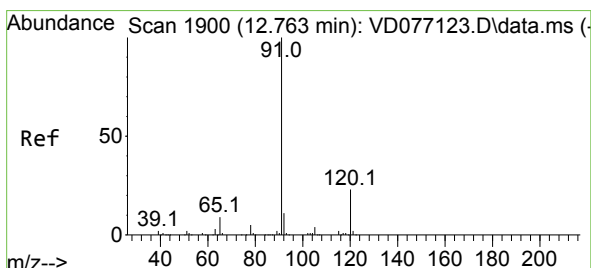
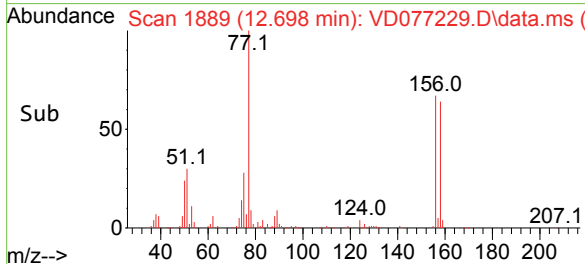
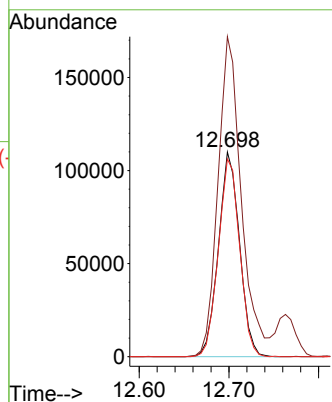
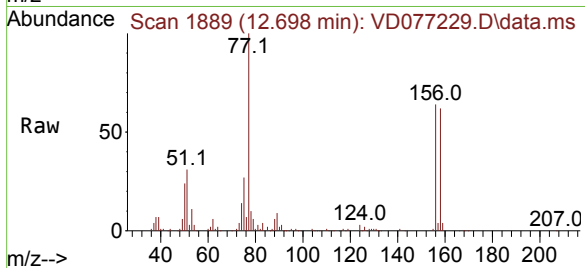
Tgt Ion:156 Resp: 179690

Ion Ratio Lower Upper

156 100

77 171.4 76.8 230.4

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 54.147 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077229.D

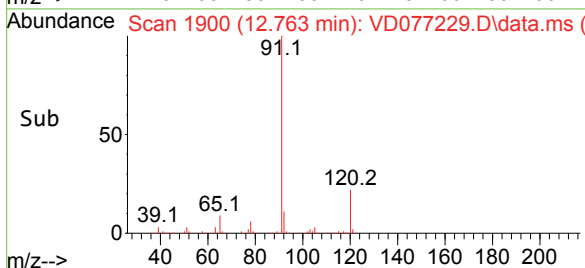
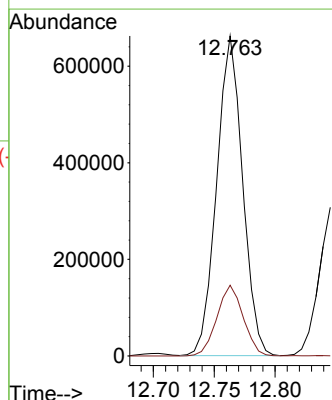
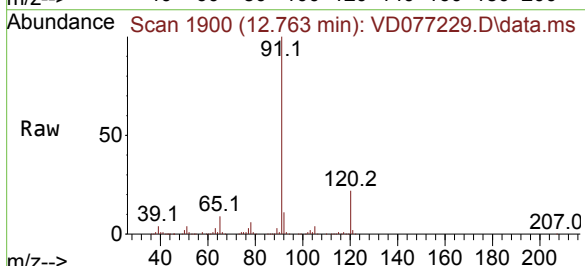
Acq: 28 Sep 2023 11:08

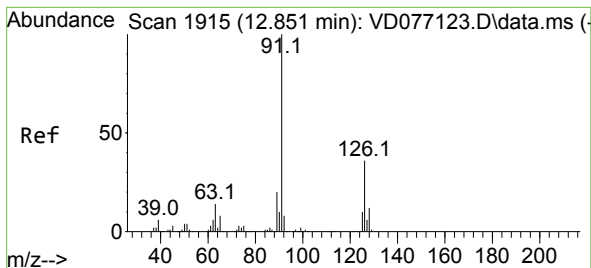
Tgt Ion: 91 Resp: 980161

Ion Ratio Lower Upper

91 100

120 22.5 12.4 37.2





#79

2-Chlorotoluene

Concen: 52.767 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

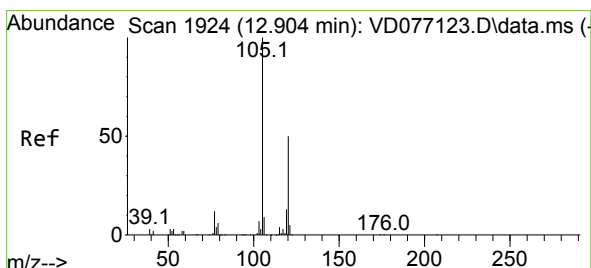
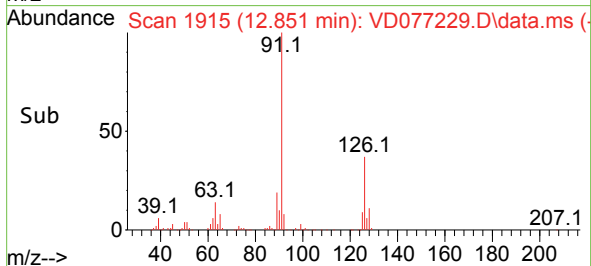
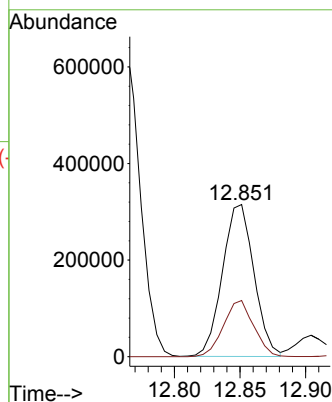
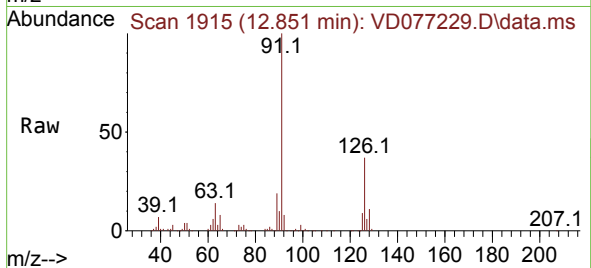
ClientSampleId :

Tgt Ion: 91 Resp: 526723

Ion Ratio Lower Upper

91 100

126 35.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 52.665 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077229.D

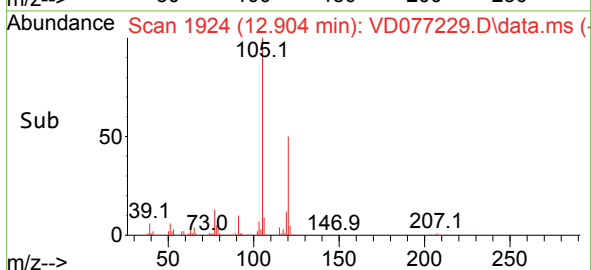
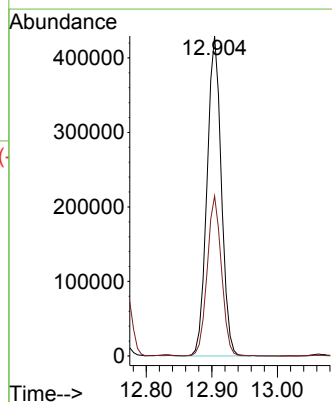
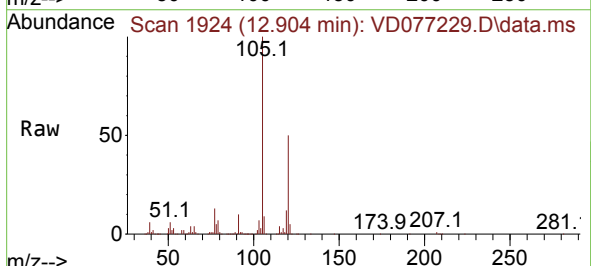
Acq: 28 Sep 2023 11:08

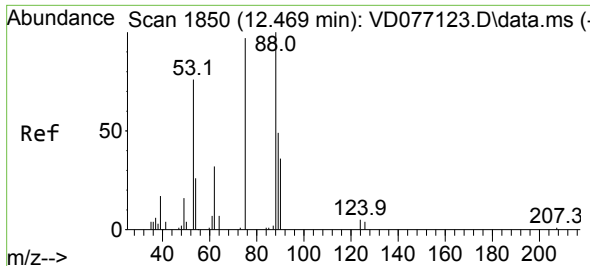
Tgt Ion: 105 Resp: 651357

Ion Ratio Lower Upper

105 100

120 49.8 26.4 79.2

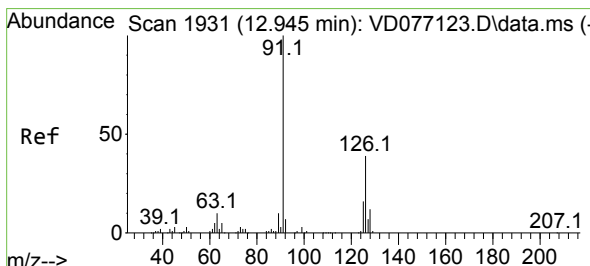
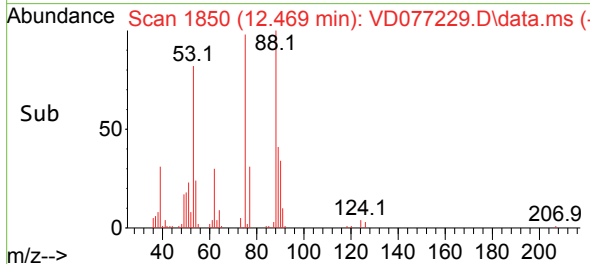
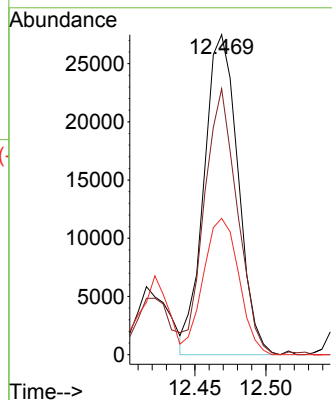
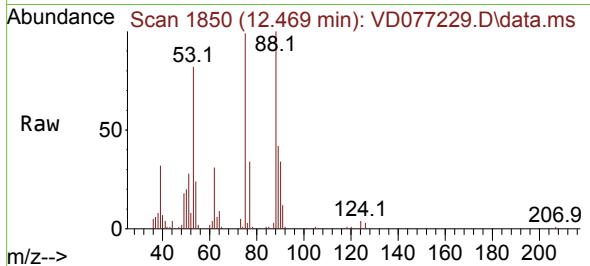




#81
trans-1,4-Dichloro-2-butene
Concen: 54.134 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

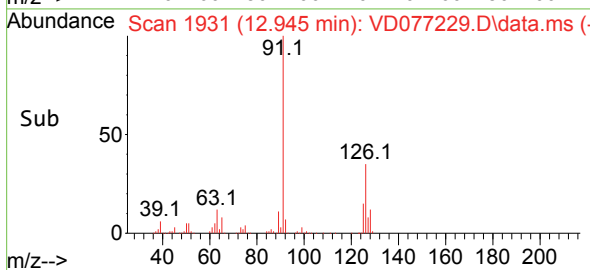
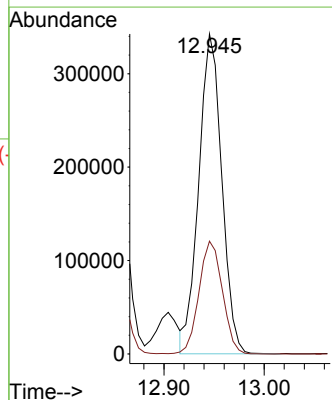
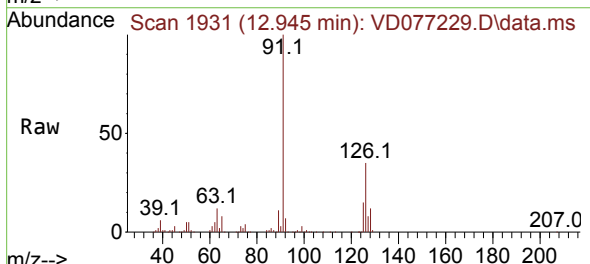
Instrument :
MSVOA_D
ClientSampleId :

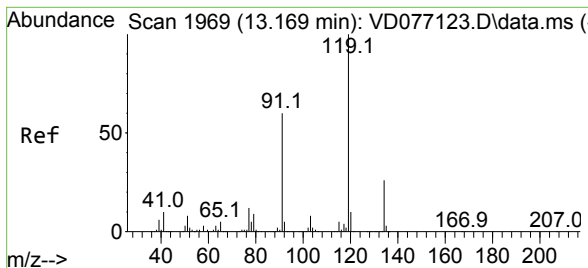
Tgt Ion: 75 Resp: 45723
Ion Ratio Lower Upper
75 100
53 80.6 63.0 94.4
89 44.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 52.127 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion: 91 Resp: 546874
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 53.530 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

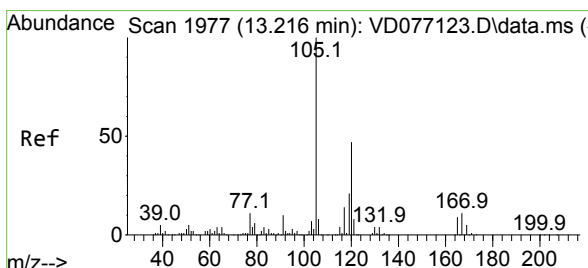
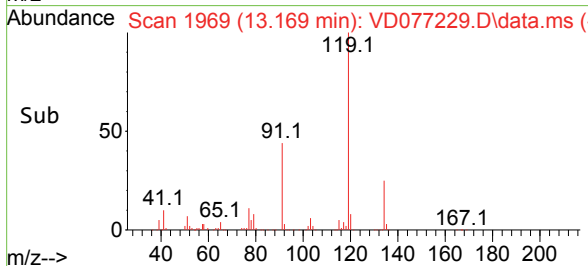
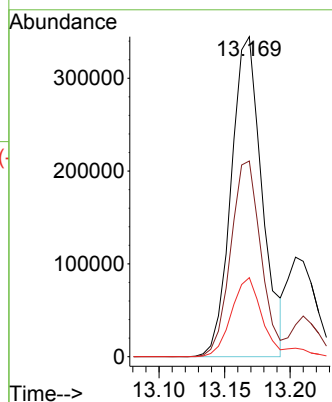
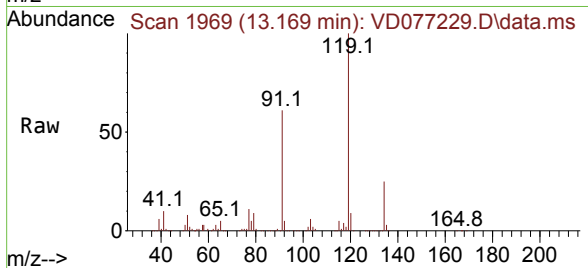
Tgt Ion:119 Resp: 565634

Ion Ratio Lower Upper

119 100

91 59.8 29.3 87.8

134 26.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 52.045 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD077229.D

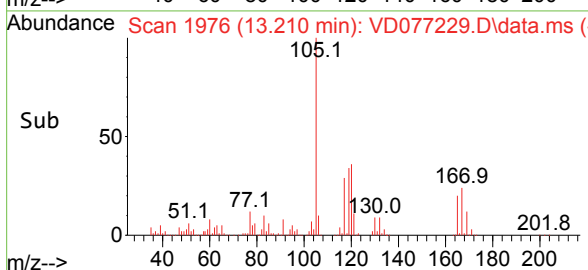
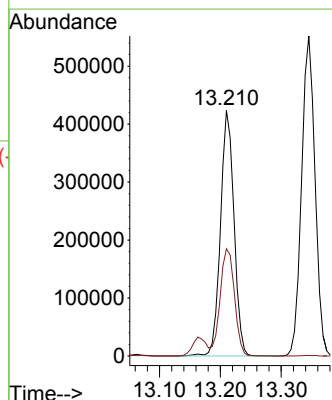
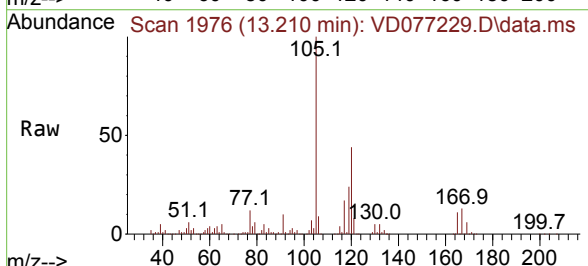
Acq: 28 Sep 2023 11:08

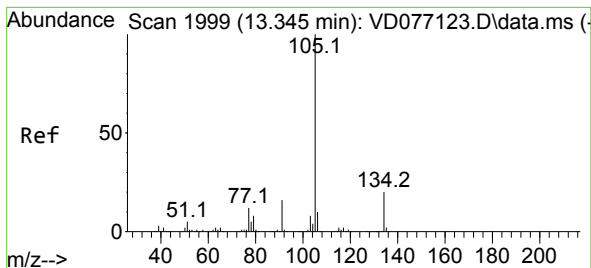
Tgt Ion:105 Resp: 652704

Ion Ratio Lower Upper

105 100

120 46.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 53.297 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

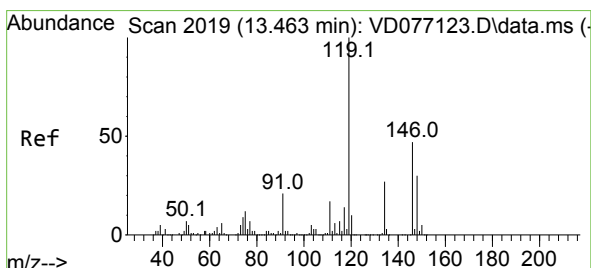
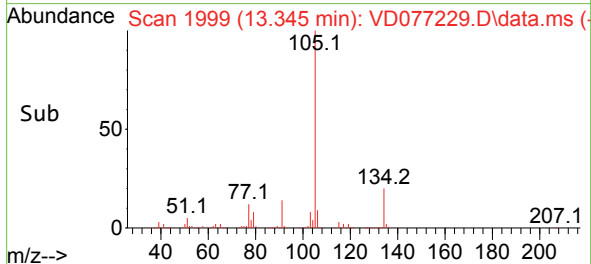
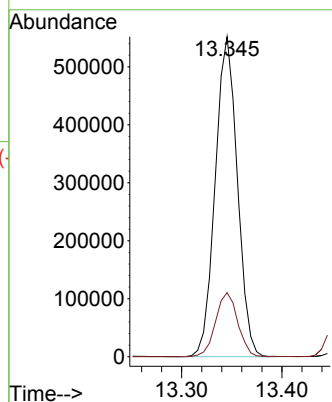
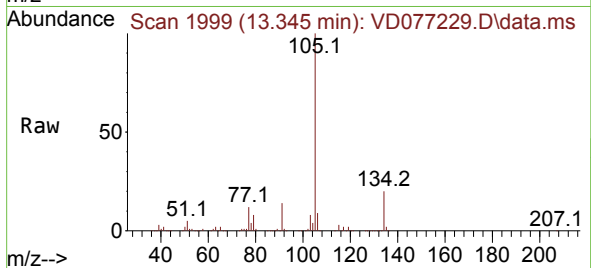
ClientSampleId :

Tgt Ion:105 Resp: 845084

Ion Ratio Lower Upper

105 100

134 20.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 52.898 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

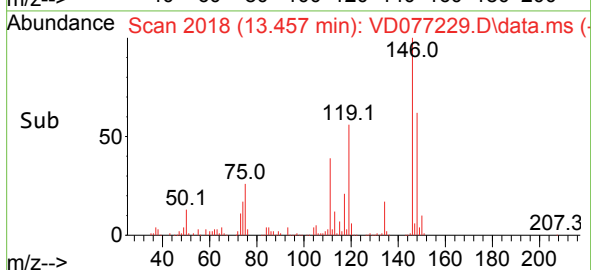
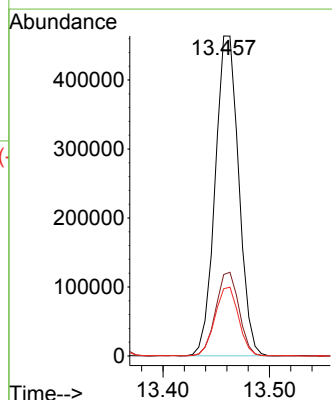
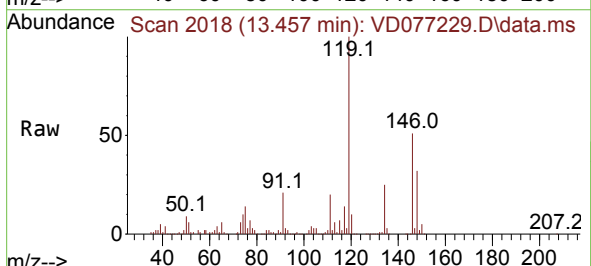
Tgt Ion:119 Resp: 711549

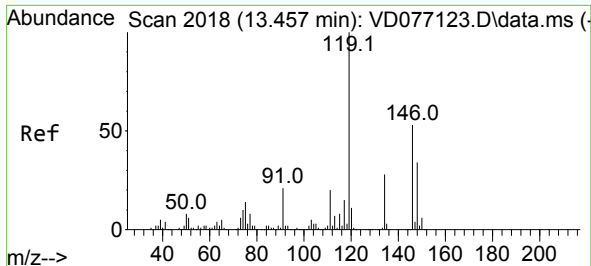
Ion Ratio Lower Upper

119 100

134 25.9 14.2 42.6

91 21.6 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 49.352 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

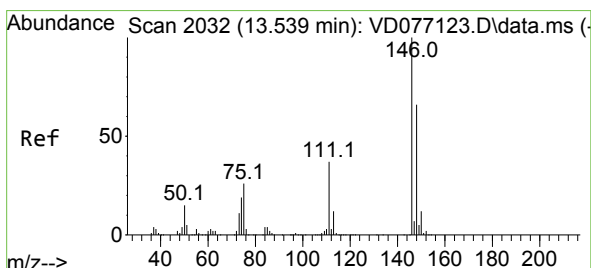
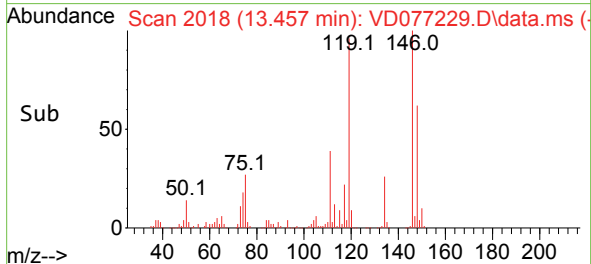
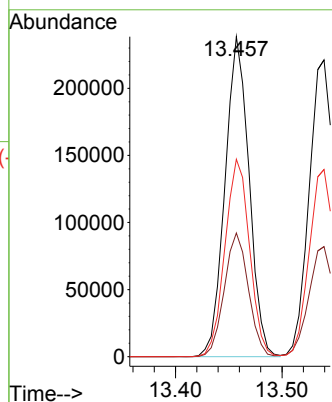
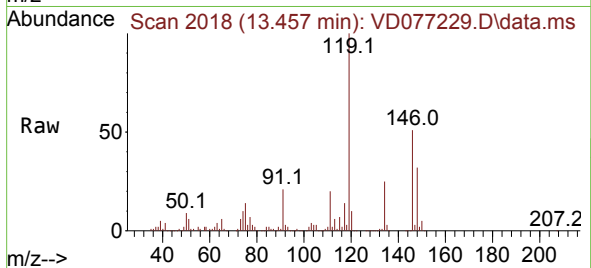
Tgt Ion:146 Resp: 374262

Ion Ratio Lower Upper

146 100

111 38.7 17.9 53.8

148 63.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 48.705 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

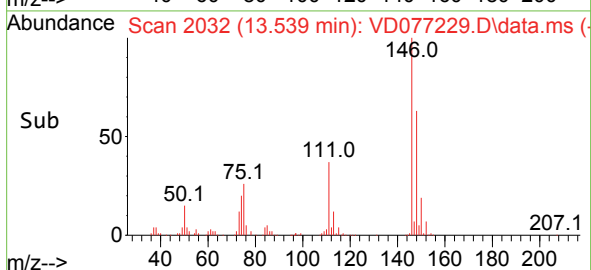
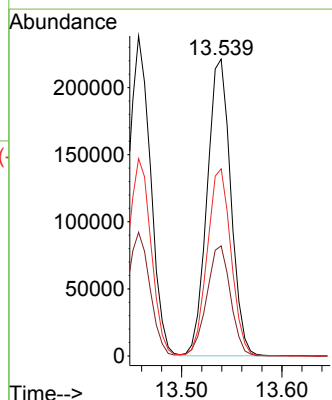
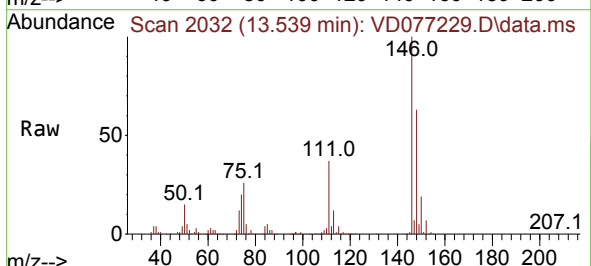
Tgt Ion:146 Resp: 363405

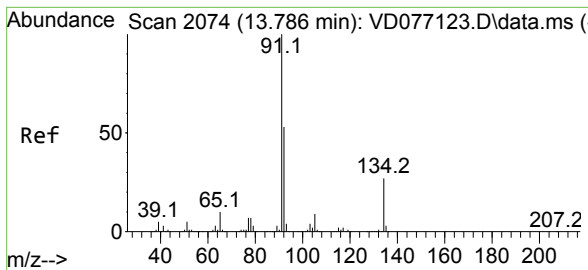
Ion Ratio Lower Upper

146 100

111 37.4 17.4 52.3

148 63.6 31.7 95.1

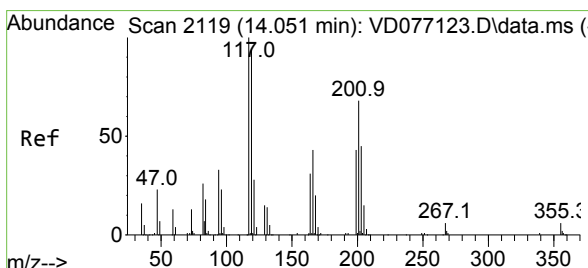
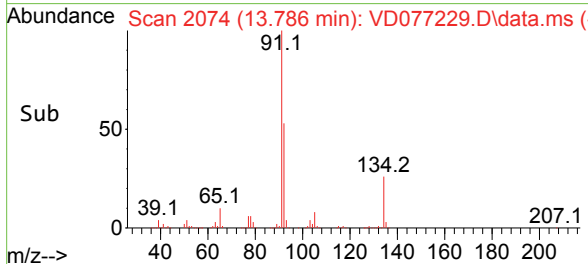
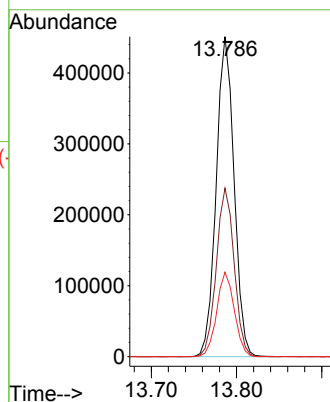
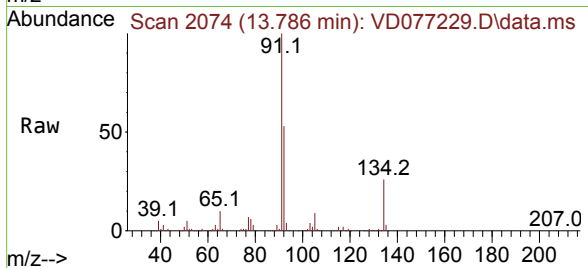




#89
n-Butylbenzene
Concen: 52.928 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

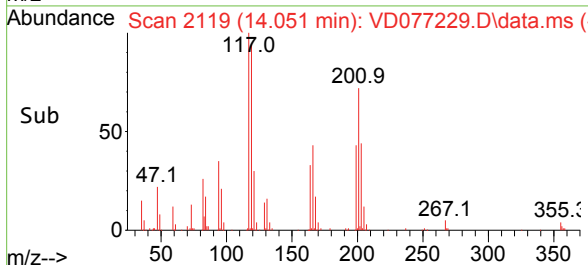
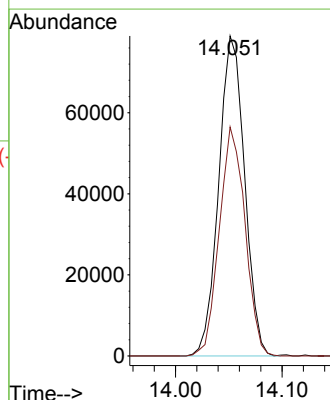
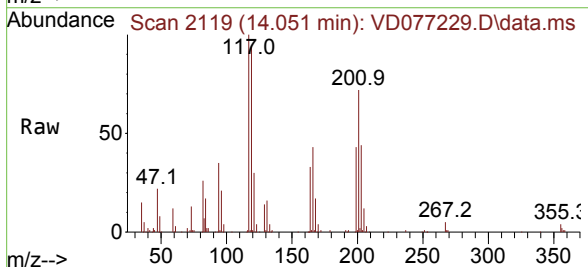
Instrument :
MSVOA_D
ClientSampleId :

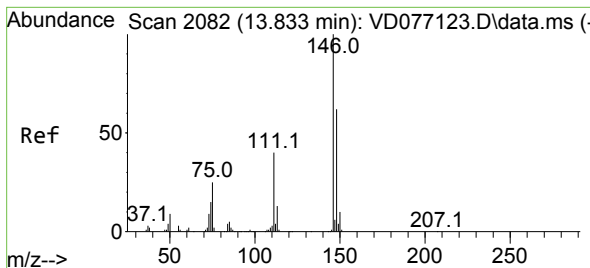
Tgt Ion: 91 Resp: 656772
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 26.1 13.8 41.3



#90
Hexachloroethane
Concen: 49.931 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077229.D
Acq: 28 Sep 2023 11:08

Tgt Ion: 117 Resp: 133199
Ion Ratio Lower Upper
117 100
201 71.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 48.669 ug/l

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

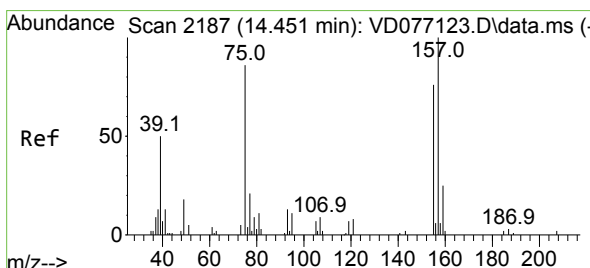
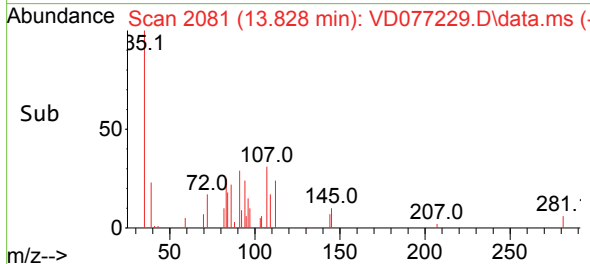
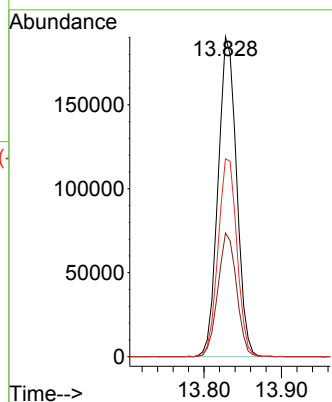
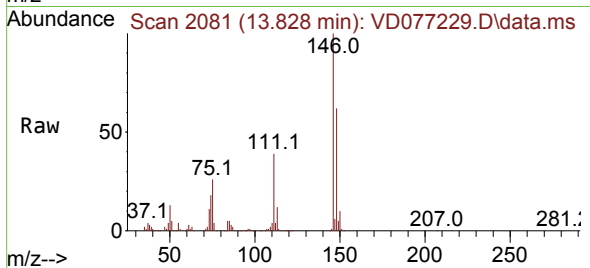
Tgt Ion:146 Resp: 316454

Ion Ratio Lower Upper

146 100

111 39.0 18.3 54.8

148 63.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.891 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

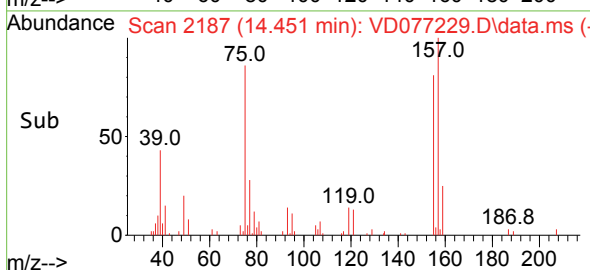
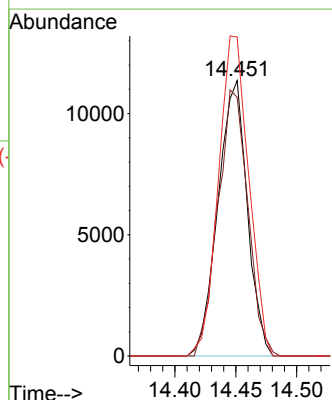
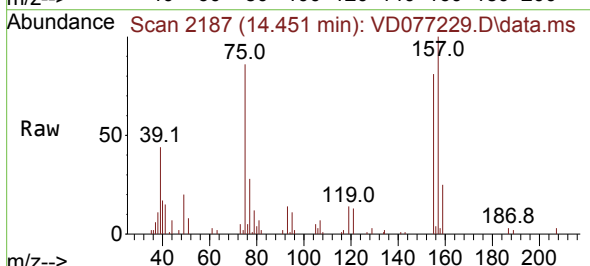
Tgt Ion: 75 Resp: 18991

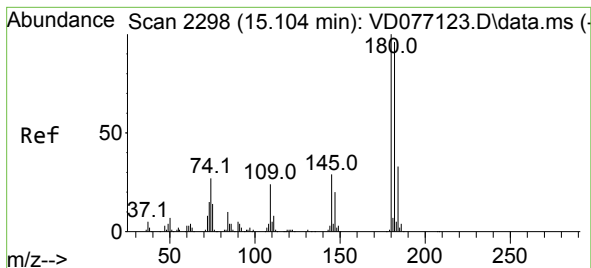
Ion Ratio Lower Upper

75 100

155 99.1 47.9 143.8

157 120.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.770 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

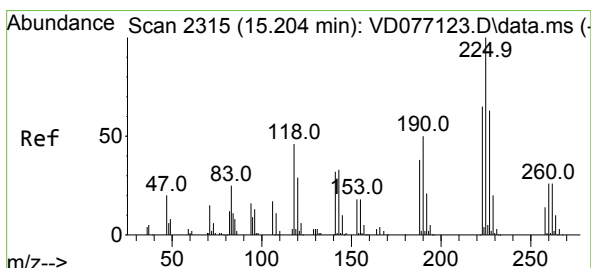
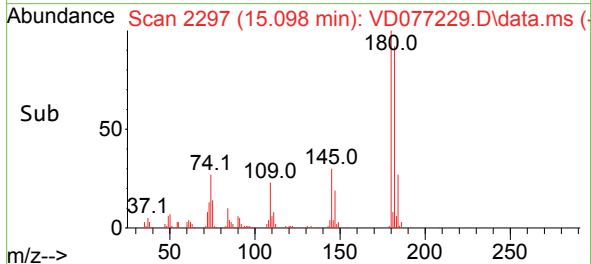
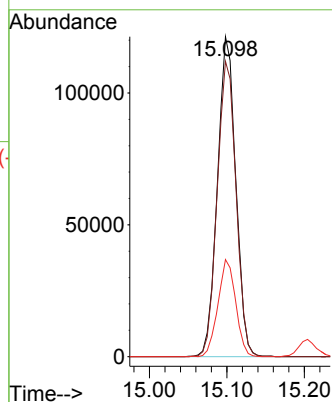
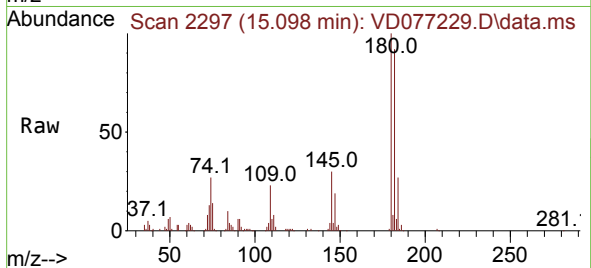
Tgt Ion:180 Resp: 199653

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.6

145 29.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.010 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

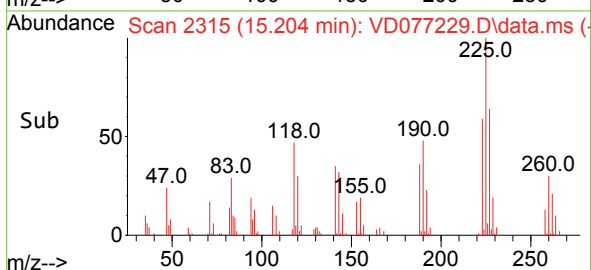
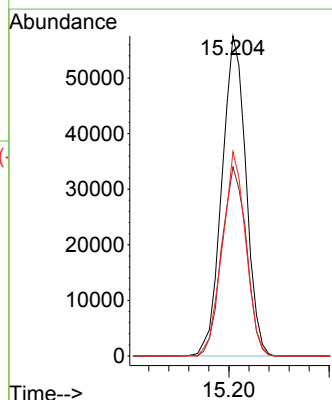
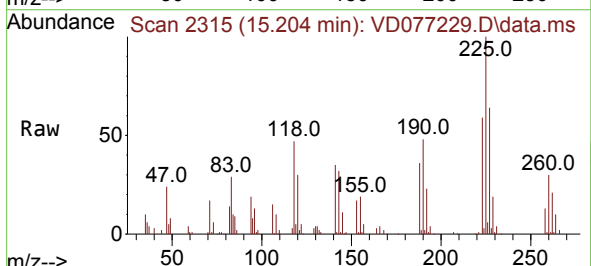
Tgt Ion:225 Resp: 95681

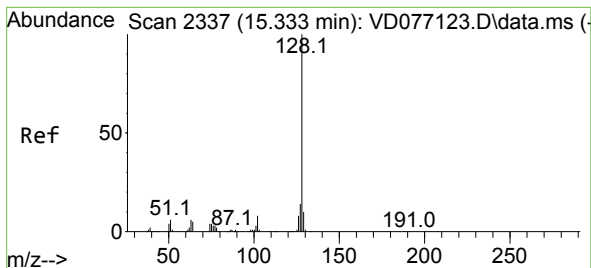
Ion Ratio Lower Upper

225 100

223 60.9 31.6 94.8

227 62.2 31.7 95.1





#95

Naphthalene

Concen: 49.973 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

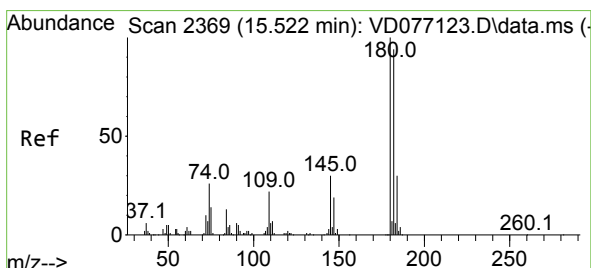
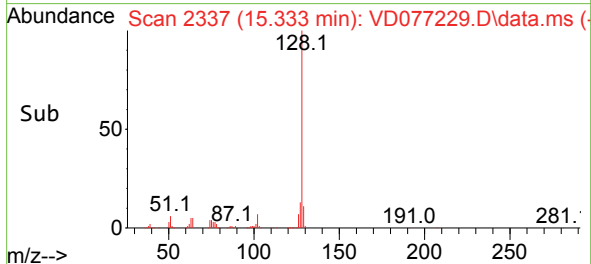
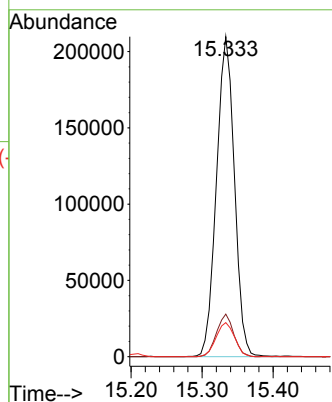
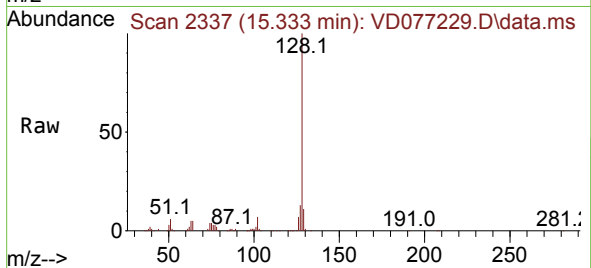
Tgt Ion:128 Resp: 367596

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.553 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077229.D

Acq: 28 Sep 2023 11:08

Tgt Ion:180 Resp: 173122

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 31.0 15.1 45.3

