

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077912.D
 Acq On : 15 Dec 2023 19:05
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 16 04:06:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	125176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	229774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	215780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112711	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81287	55.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.220%	
35) Dibromofluoromethane	7.810	113	84644	52.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.180%	
50) Toluene-d8	10.269	98	334985	51.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	12.569	95	99752	51.759	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	61669	39.439	ug/l	98
3) Chloromethane	2.152	50	117544	55.150	ug/l	96
4) Vinyl Chloride	2.287	62	156215	53.989	ug/l	99
5) Bromomethane	2.693	94	104312	64.248	ug/l	99
6) Chloroethane	2.840	64	114840	58.216	ug/l	99
7) Trichlorofluoromethane	3.181	101	123530	46.355	ug/l	96
8) Diethyl Ether	3.593	74	43326	57.900	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.969	101	71096	46.635	ug/l	98
10) Methyl Iodide	4.163	142	87096	63.137	ug/l #	90
11) Tert butyl alcohol	5.051	59	17997	253.527	ug/l	95
12) 1,1-Dichloroethene	3.946	96	76705	50.978	ug/l #	82
13) Acrolein	3.799	56	30294	194.155	ug/l	99
14) Allyl chloride	4.569	41	107830	52.106	ug/l	90
15) Acrylonitrile	5.257	53	91369	285.183	ug/l	98
16) Acetone	4.022	43	84024	265.542	ug/l #	84
17) Carbon Disulfide	4.275	76	240304	47.206	ug/l	99
18) Methyl Acetate	4.563	43	74233	63.903	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	187988	58.887	ug/l	99
20) Methylene Chloride	4.804	84	99692	57.829	ug/l #	89
21) trans-1,2-Dichloroethene	5.310	96	91051	53.425	ug/l	96
22) Diisopropyl ether	6.216	45	240600	55.636	ug/l	93
23) Vinyl Acetate	6.157	43	473557	224.239	ug/l	93
24) 1,1-Dichloroethane	6.116	63	160669	54.863	ug/l	95
25) 2-Butanone	7.081	43	109146	270.418	ug/l #	85
26) 2,2-Dichloropropane	7.081	77	120653	49.069	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	107213	58.464	ug/l	92
28) Bromochloromethane	7.428	49	59384	50.182	ug/l #	79
29) Tetrahydrofuran	7.445	42	64108	272.936	ug/l	90
30) Chloroform	7.592	83	163284	55.710	ug/l	97
31) Cyclohexane	7.875	56	113570	43.288	ug/l	90
32) 1,1,1-Trichloroethane	7.798	97	136088	52.669	ug/l	99
36) 1,1-Dichloropropene	8.010	75	118465	46.015	ug/l	95
37) Ethyl Acetate	7.169	43	42172	42.011	ug/l	98
38) Carbon Tetrachloride	7.992	117	115567	45.028	ug/l	97
39) Methylcyclohexane	9.275	83	130418	42.732	ug/l	96
40) Benzene	8.251	78	373900	51.171	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077912.D
 Acq On : 15 Dec 2023 19:05
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 16 04:06:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.392	41	25942	50.845	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	98136	51.813	ug/l	94
43) Isopropyl Acetate	8.357	43	90095	50.489	ug/l #	92
44) Trichloroethene	9.028	130	95898	50.362	ug/l	98
45) 1,2-Dichloropropane	9.304	63	91816	51.690	ug/l	100
46) Dibromomethane	9.392	93	51301	54.584	ug/l	91
47) Bromodichloromethane	9.586	83	127956	53.713	ug/l	100
48) Methyl methacrylate	9.381	41	53654	52.894	ug/l #	78
49) 1,4-Dioxane	9.386	88	8993	963.627	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	233540	256.436	ug/l	92
52) Toluene	10.333	92	234684	51.778	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	122061	53.357	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	144669	52.306	ug/l #	90
55) 1,1,2-Trichloroethane	10.733	97	68363	53.177	ug/l	92
56) Ethyl methacrylate	10.598	69	63429	55.970	ug/l	91
57) 1,3-Dichloropropane	10.880	76	123293	55.638	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	192446	297.776	ug/l	94
59) 2-Hexanone	10.922	43	167396	221.549	ug/l	90
60) Dibromochloromethane	11.075	129	82178	53.093	ug/l	92
61) 1,2-Dibromoethane	11.180	107	65379	54.026	ug/l	99
64) Tetrachloroethene	10.810	164	76673	48.345	ug/l	94
65) Chlorobenzene	11.610	112	248345	48.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	91028	50.730	ug/l	98
67) Ethyl Benzene	11.680	91	448250	49.897	ug/l	96
68) m/p-Xylenes	11.792	106	351540	102.303	ug/l	92
69) o-Xylene	12.122	106	166879	52.694	ug/l	92
70) Styrene	12.133	104	250106	53.112	ug/l	94
71) Bromoform	12.298	173	49671	52.979	ug/l #	98
73) Isopropylbenzene	12.422	105	420314	49.203	ug/l	98
74) N-amyl acetate	12.233	43	80392	47.875	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	78729	52.856	ug/l	100
76) 1,2,3-Trichloropropane	12.716	75	97163	99.257	ug/l #	100
77) Bromobenzene	12.698	156	102306	50.916	ug/l	92
78) n-propylbenzene	12.763	91	510716	49.063	ug/l	96
79) 2-Chlorotoluene	12.845	91	280708	50.320	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	355355	49.876	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	25071	51.890	ug/l	97
82) 4-Chlorotoluene	12.945	91	297300	50.979	ug/l	97
83) tert-Butylbenzene	13.163	119	314846	52.344	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	367646	51.591	ug/l	97
85) sec-Butylbenzene	13.345	105	435162	48.944	ug/l	96
86) p-Isopropyltoluene	13.457	119	395352	49.665	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	208417	50.722	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	206805	50.438	ug/l	99
89) n-Butylbenzene	13.786	91	355930	47.519	ug/l	99
90) Hexachloroethane	14.051	117	75641	51.669	ug/l	97
91) 1,2-Dichlorobenzene	13.827	146	179775	51.443	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10635	49.276	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	112993	47.336	ug/l	98
94) Hexachlorobutadiene	15.204	225	56240	43.692	ug/l	99
95) Naphthalene	15.333	128	215705	54.388	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	97854	49.725	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
Data File : VD077912.D
Acq On : 15 Dec 2023 19:05
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 16 04:06:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

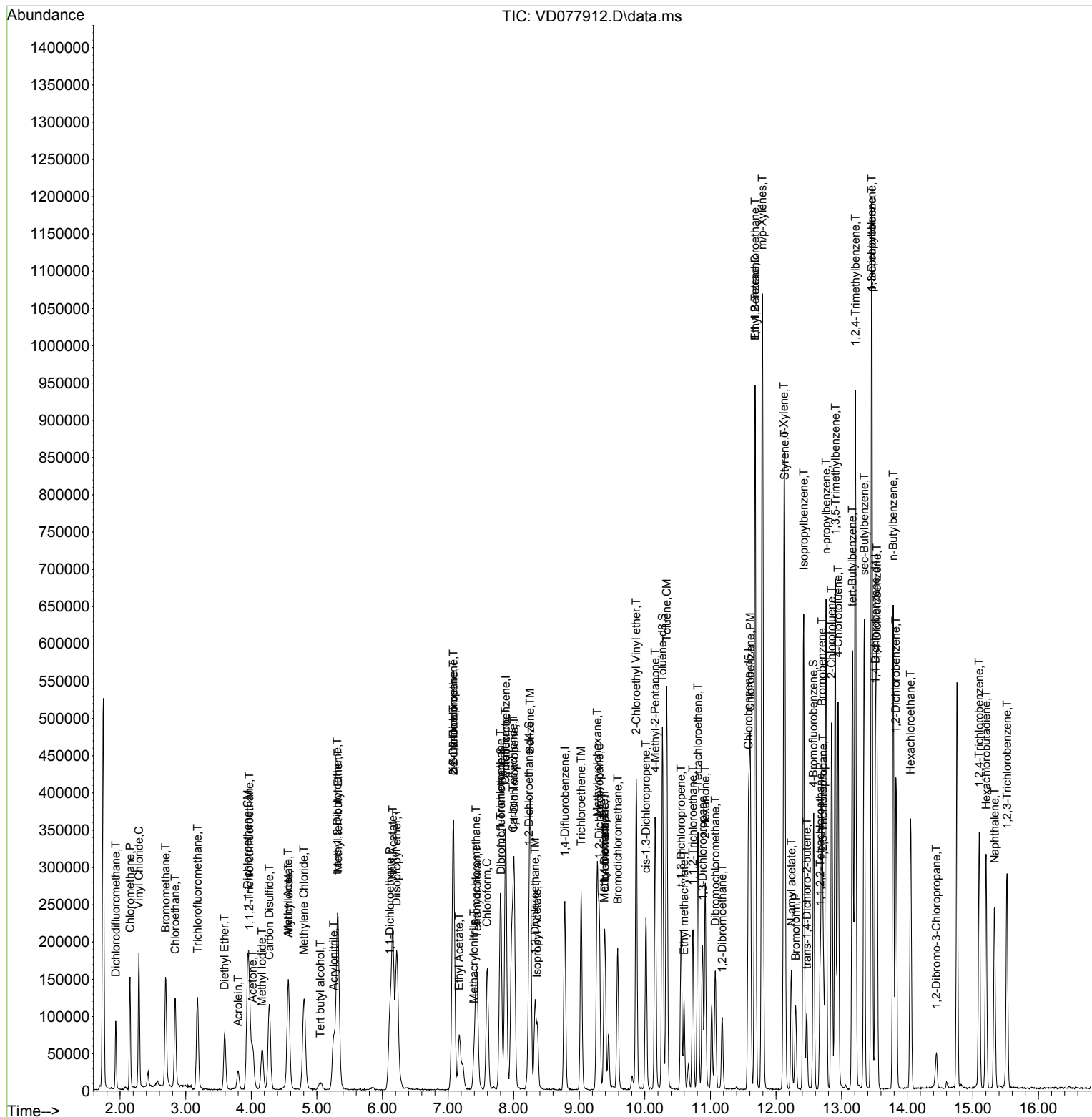
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

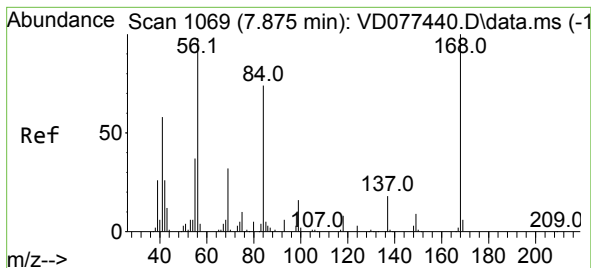
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077912.D
 Acq On : 15 Dec 2023 19:05
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 16 04:06:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

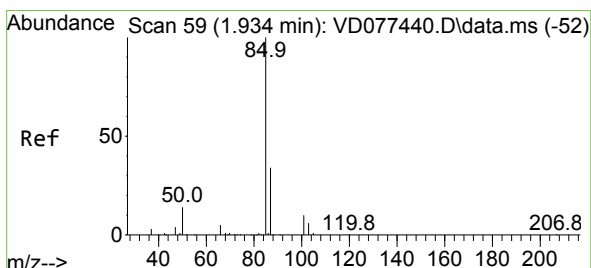
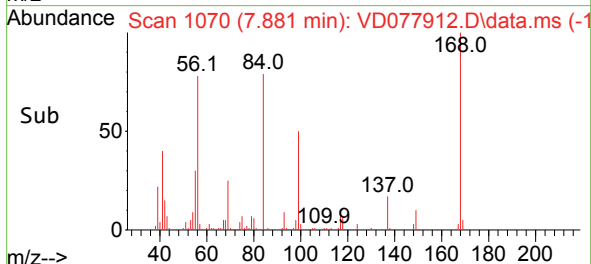
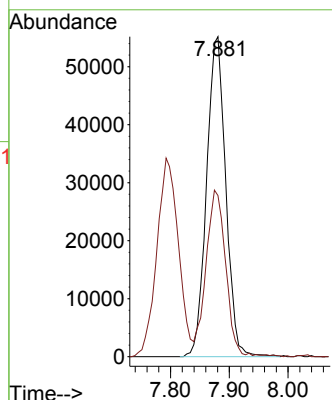
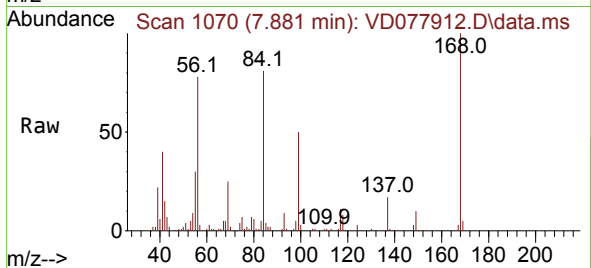
ClientSampleId :

Tgt Ion:168 Resp: 125176

Ion Ratio Lower Upper

168 100

99 50.1 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 39.439 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD077912.D

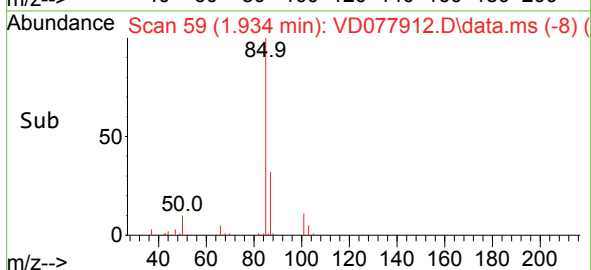
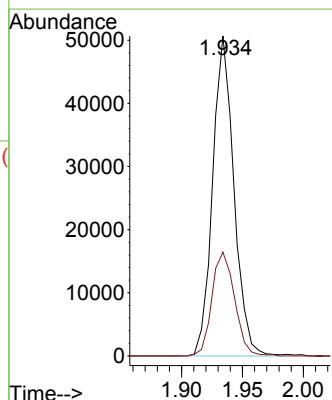
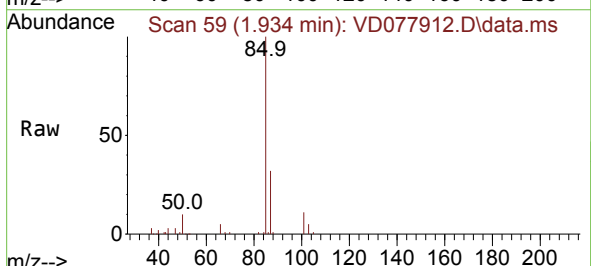
Acq: 15 Dec 2023 19:05

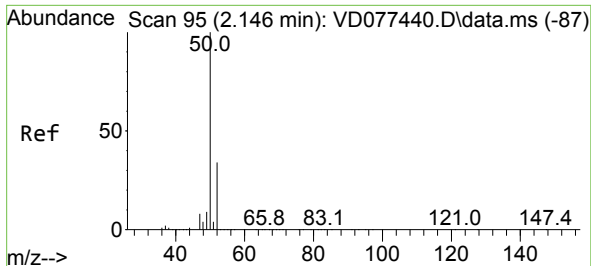
Tgt Ion: 85 Resp: 61669

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.0

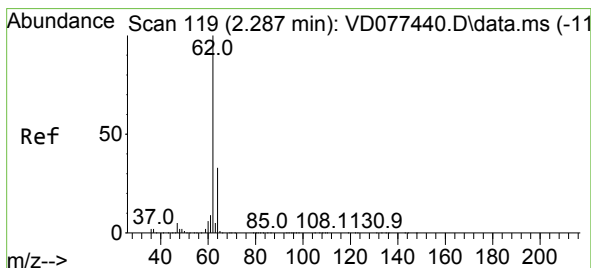
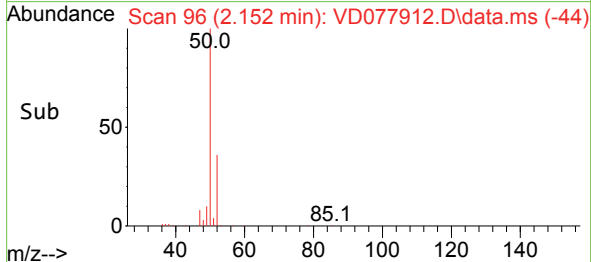
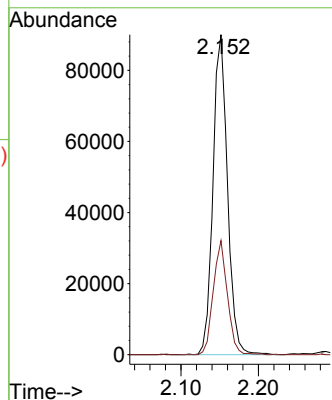
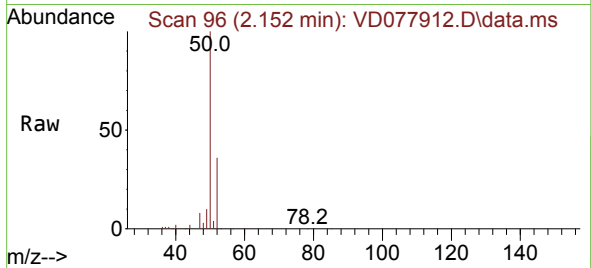




#3
Chloromethane
Concen: 55.150 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

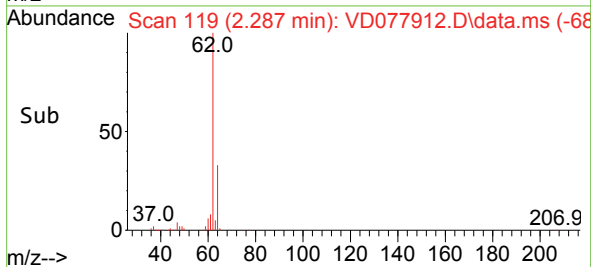
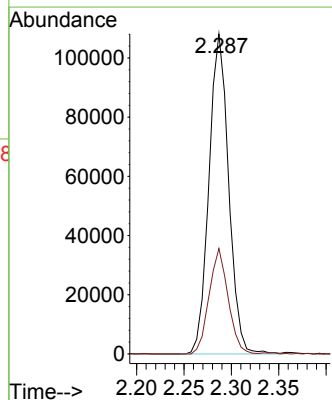
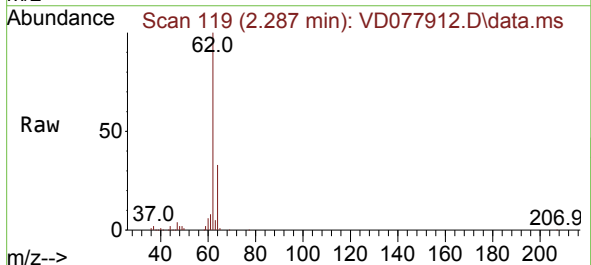
Instrument :
MSVOA_D
ClientSampleId :

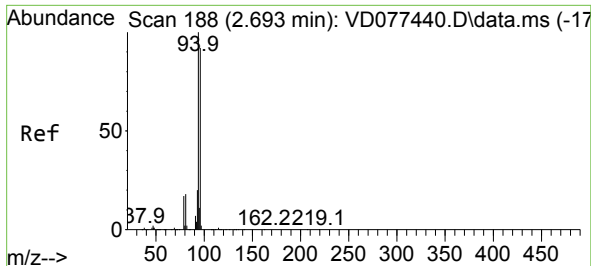
Tgt Ion: 50 Resp: 117544
Ion Ratio Lower Upper
50 100
52 35.7 26.6 40.0



#4
Vinyl Chloride
Concen: 53.989 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion: 62 Resp: 156215
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0





#5

Bromomethane

Concen: 64.248 ug/l

RT: 2.693 min Scan# 188

Delta R.T. -0.000 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

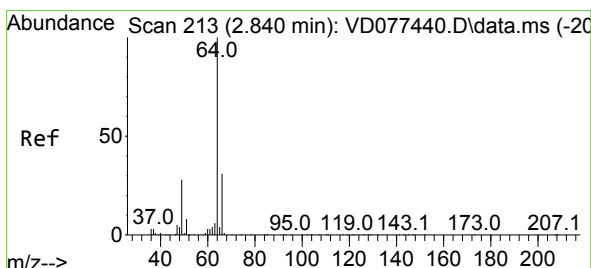
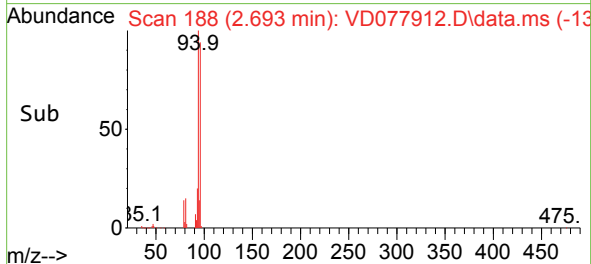
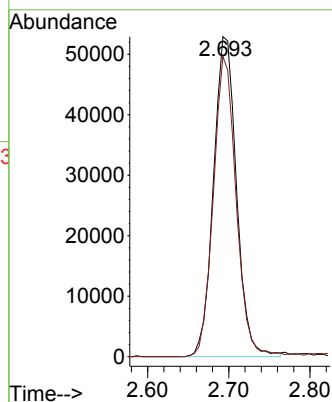
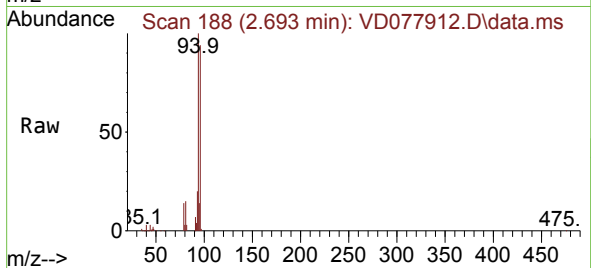
ClientSampleId :

Tgt Ion: 94 Resp: 104312

Ion Ratio Lower Upper

94 100

96 93.4 75.8 113.8



#6

Chloroethane

Concen: 58.216 ug/l

RT: 2.840 min Scan# 213

Delta R.T. -0.000 min

Lab File: VD077912.D

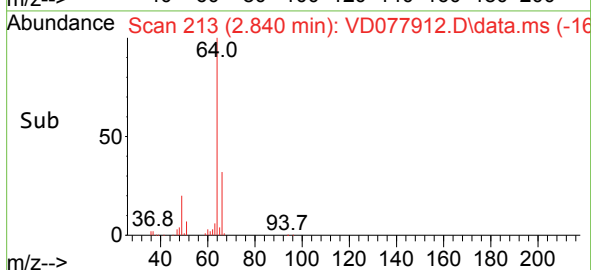
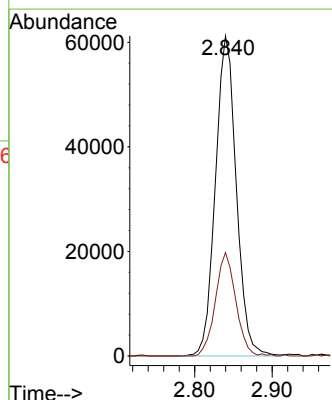
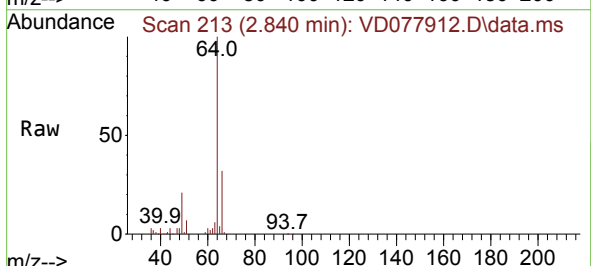
Acq: 15 Dec 2023 19:05

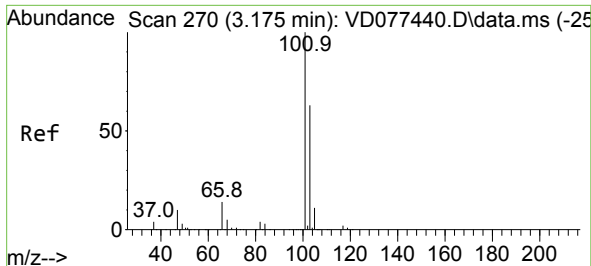
Tgt Ion: 64 Resp: 114840

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3

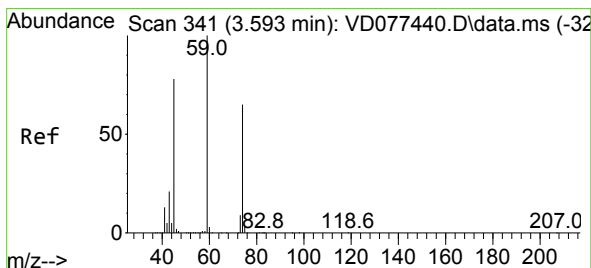
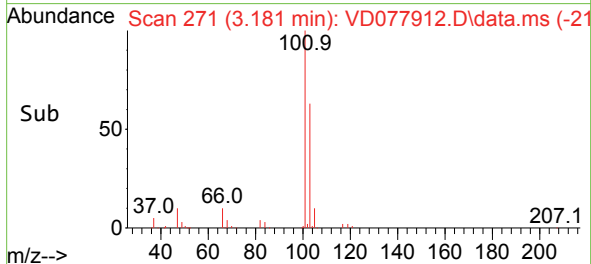
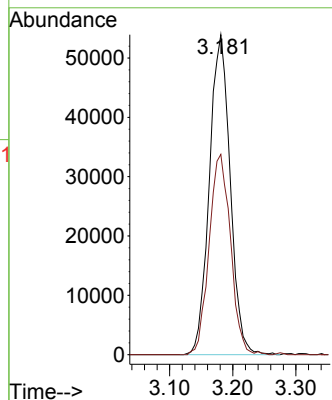
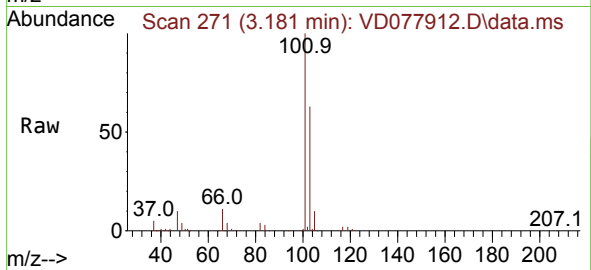




#7
Trichlorofluoromethane
Concen: 46.355 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

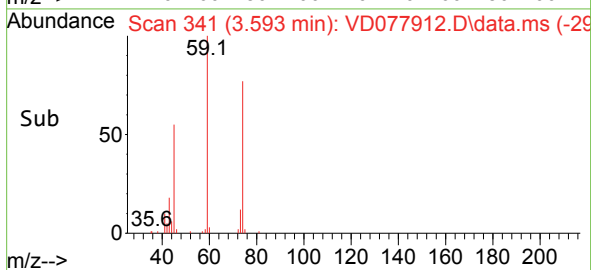
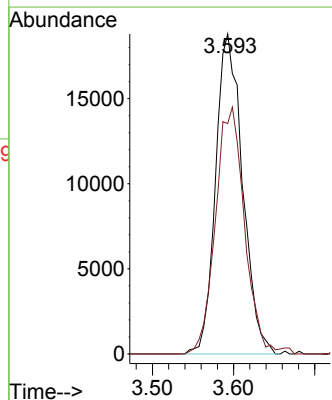
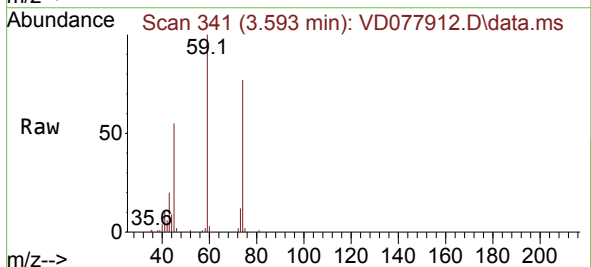
Instrument :
MSVOA_D
ClientSampleId :

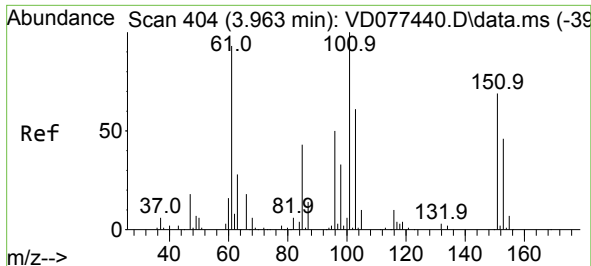
Tgt Ion:101 Resp: 123530
Ion Ratio Lower Upper
101 100
103 62.6 52.3 78.5



#8
Diethyl Ether
Concen: 57.900 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

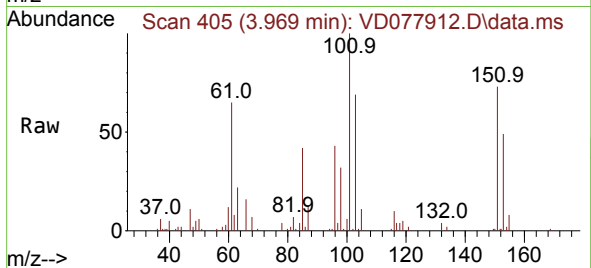
Tgt Ion: 74 Resp: 43326
Ion Ratio Lower Upper
74 100
45 83.4 37.5 112.7



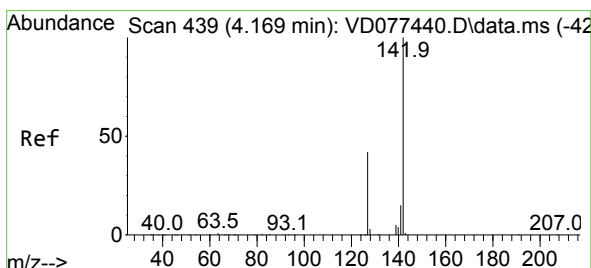
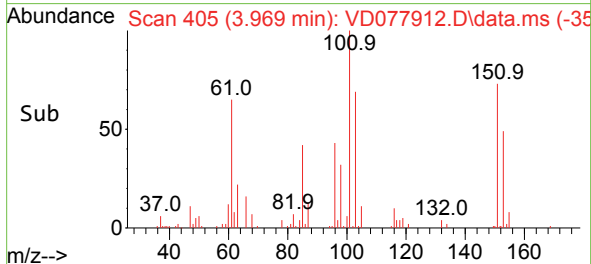
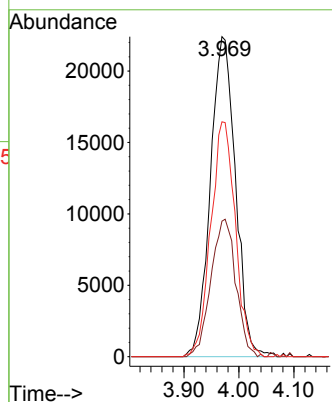


#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.635 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Instrument :
MSVOA_D
ClientSampleId :

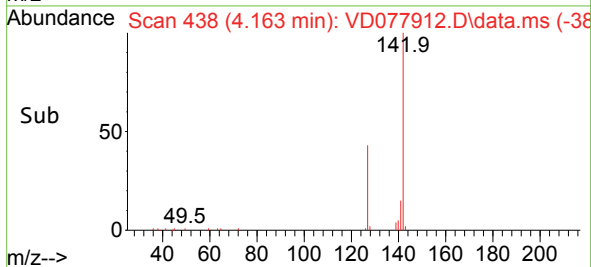
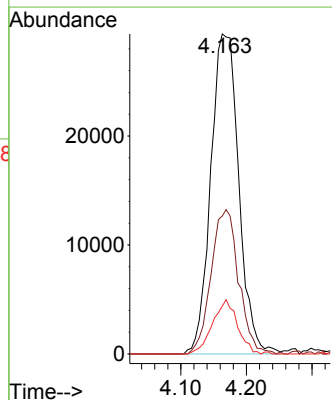
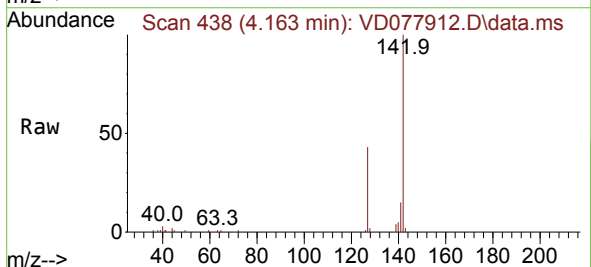


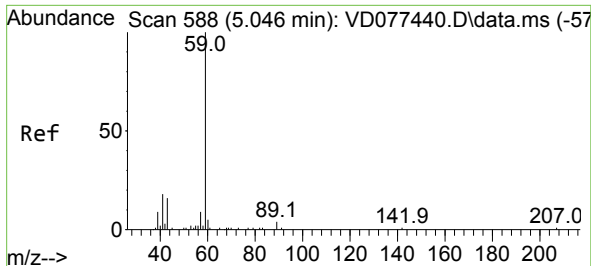
Tgt Ion:101 Resp: 71096
Ion Ratio Lower Upper
101 100
85 42.7 33.8 50.6
151 71.9 59.8 89.6



#10
Methyl Iodide
Concen: 63.137 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion:142 Resp: 87096
Ion Ratio Lower Upper
142 100
127 44.5 29.4 44.0#
141 15.1 11.1 16.7

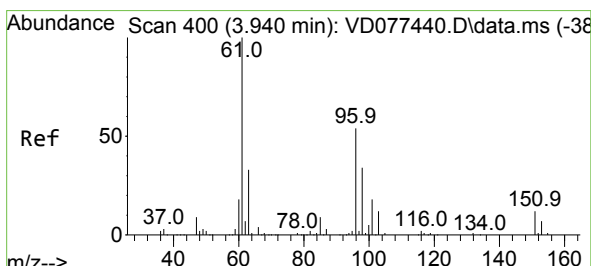
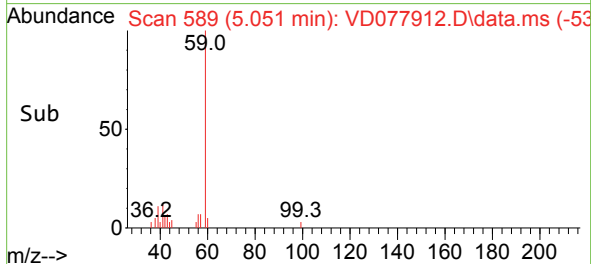
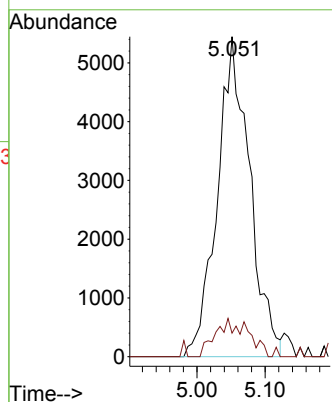
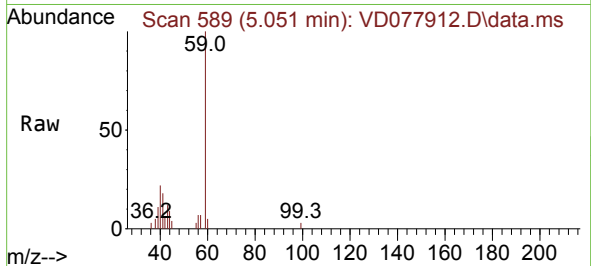




#11
Tert butyl alcohol
Concen: 253.527 ug/l
RT: 5.051 min Scan# 51
Delta R.T. 0.005 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

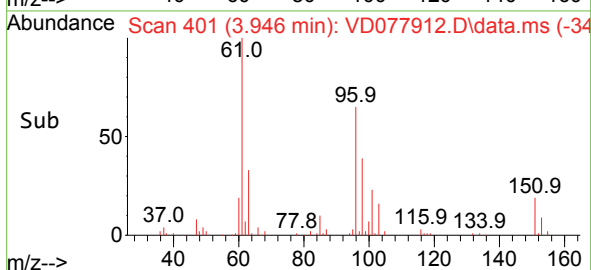
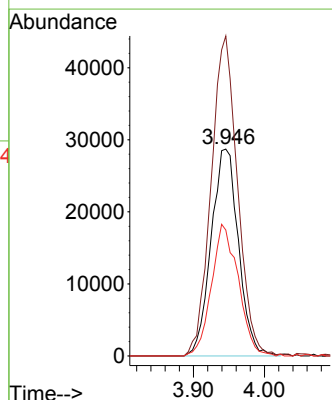
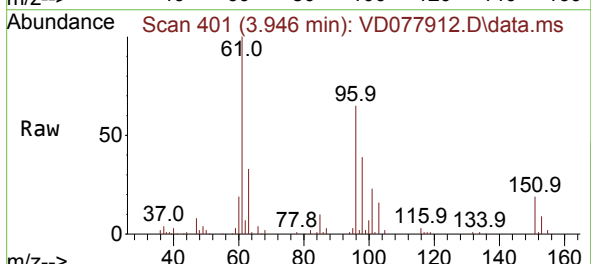
Instrument :
MSVOA_D
ClientSampleId :

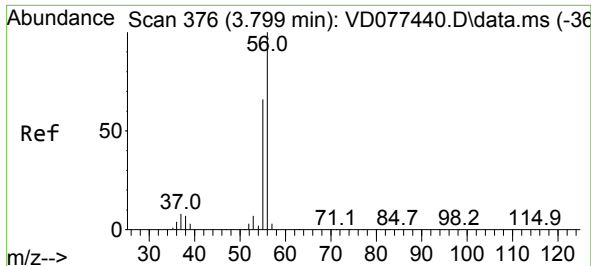
Tgt Ion: 59 Resp: 17997
Ion Ratio Lower Upper
59 100
57 8.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 50.978 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion: 96 Resp: 76705
Ion Ratio Lower Upper
96 100
61 154.7 100.6 150.8#
98 60.9 50.2 75.2

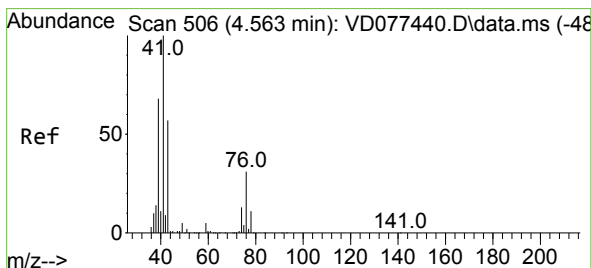
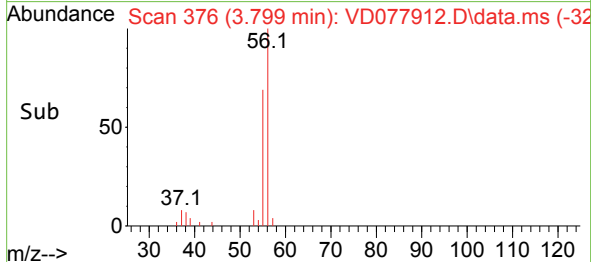
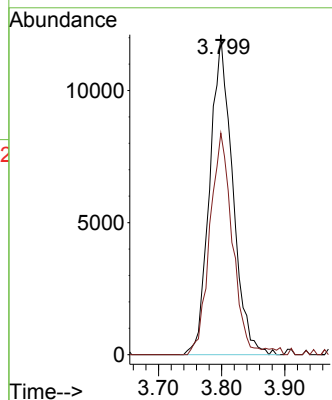
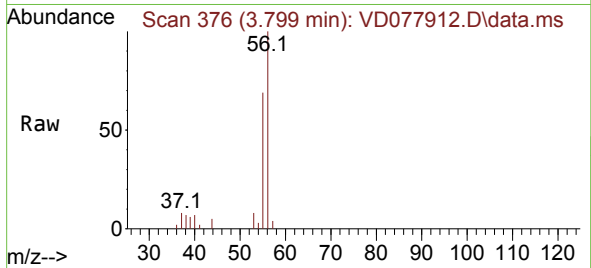




#13
Acrolein
Concen: 194.155 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

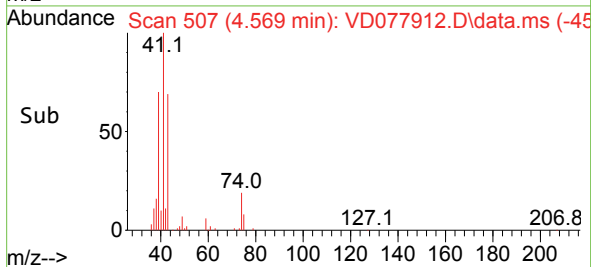
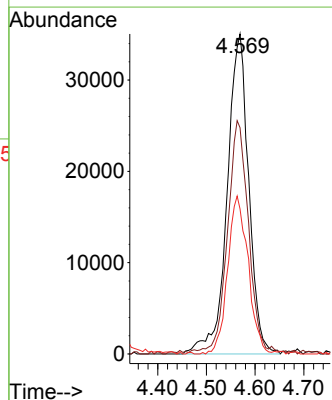
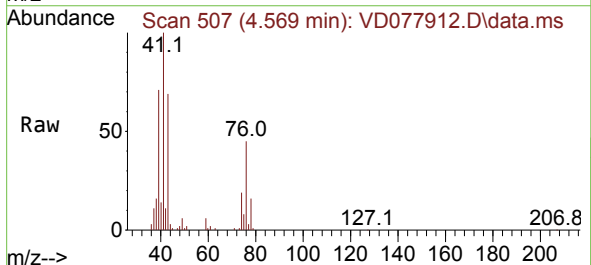
Instrument :
MSVOA_D
ClientSampleId :

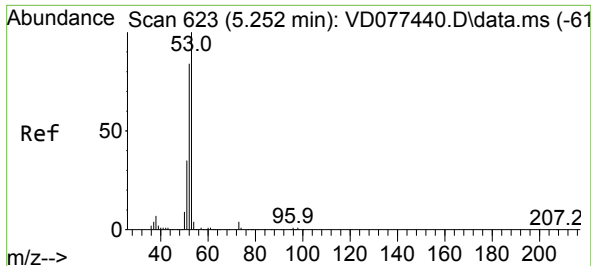
Tgt Ion: 56 Resp: 30294
Ion Ratio Lower Upper
56 100
55 68.3 55.1 82.7



#14
Allyl chloride
Concen: 52.106 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

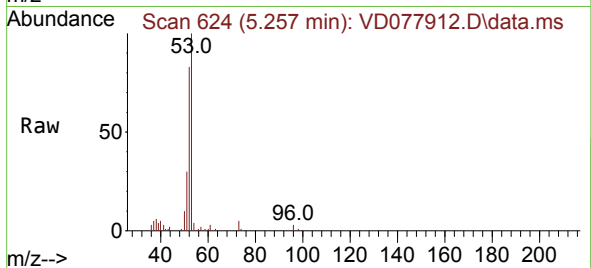
Tgt Ion: 41 Resp: 107830
Ion Ratio Lower Upper
41 100
39 71.7 53.8 80.6
76 46.9 45.8 68.8



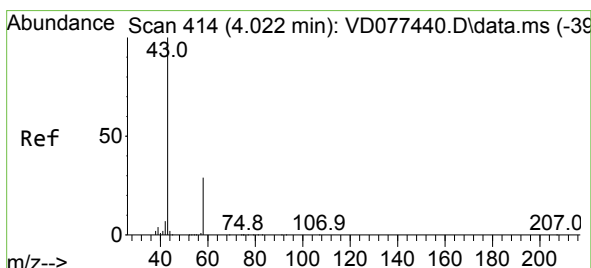
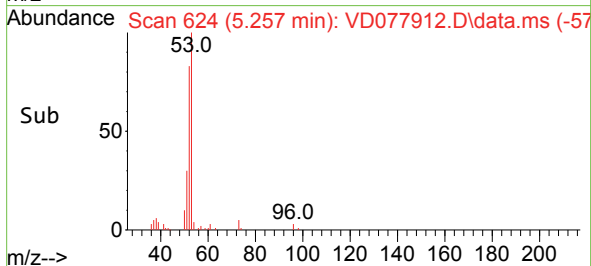
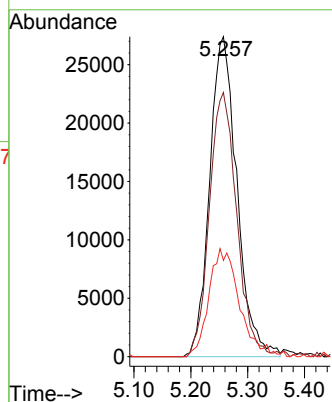


#15
Acrylonitrile
Concen: 285.183 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Instrument :
MSVOA_D
ClientSampleId :

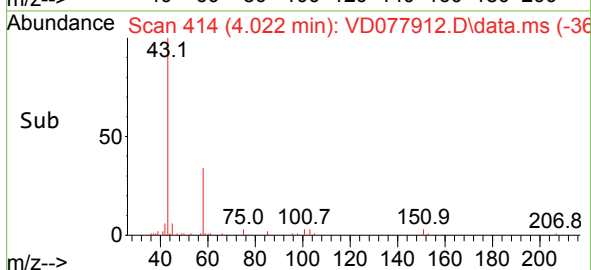
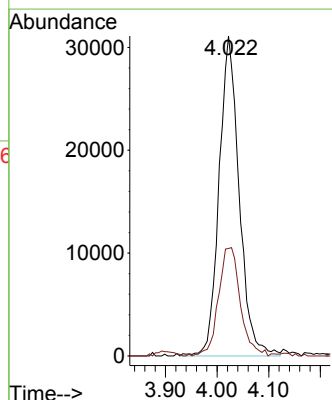
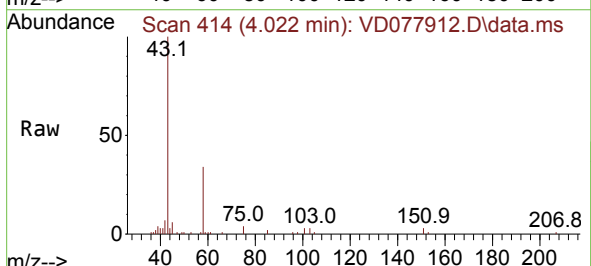


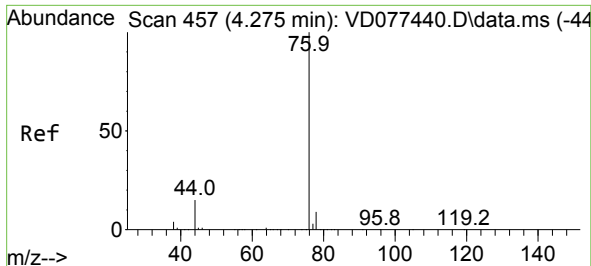
Tgt Ion: 53 Resp: 91369
Ion Ratio Lower Upper
53 100
52 82.6 65.0 97.4
51 37.8 28.3 42.5



#16
Acetone
Concen: 265.542 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion: 43 Resp: 84024
Ion Ratio Lower Upper
43 100
58 33.1 34.7 52.1#

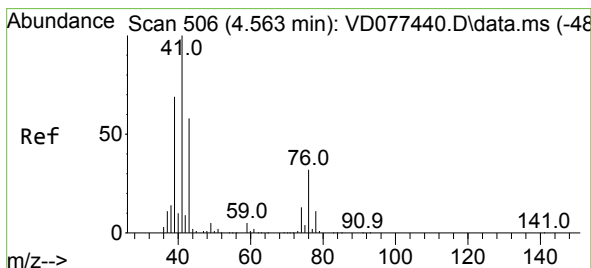
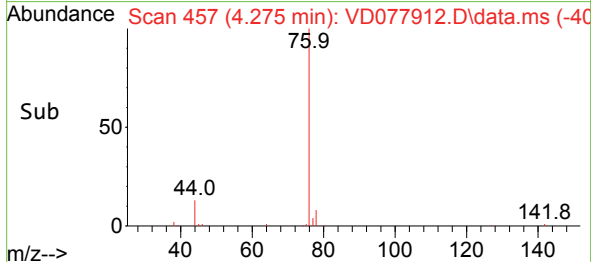
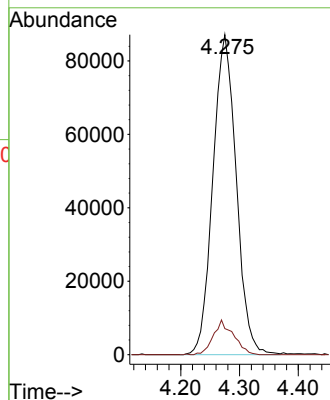
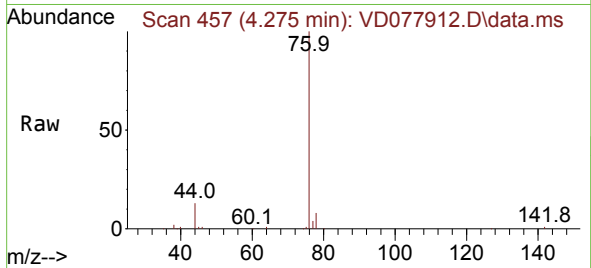




#17
Carbon Disulfide
Concen: 47.206 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

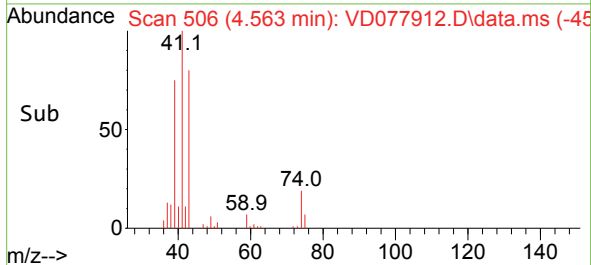
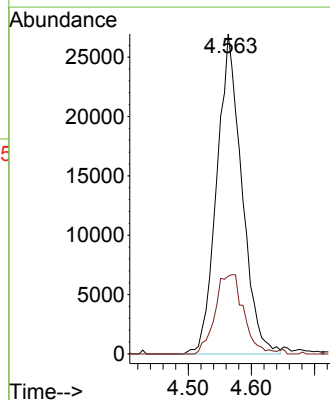
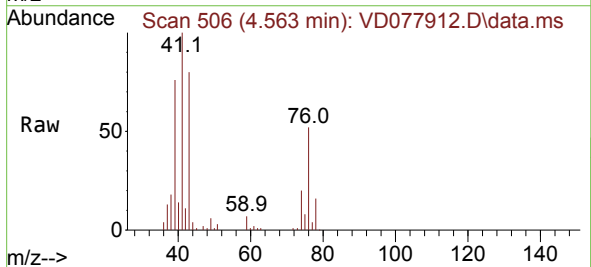
Instrument :
MSVOA_D
ClientSampleId :

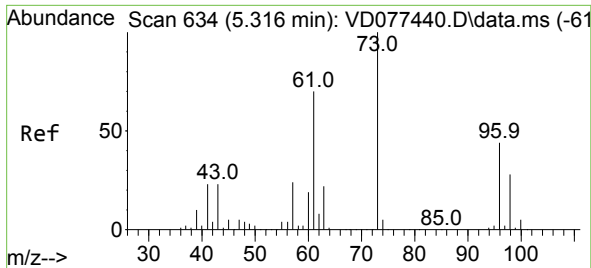
Tgt Ion: 76 Resp: 240304
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 63.903 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion: 43 Resp: 74233
Ion Ratio Lower Upper
43 100
74 28.3 26.4 39.6

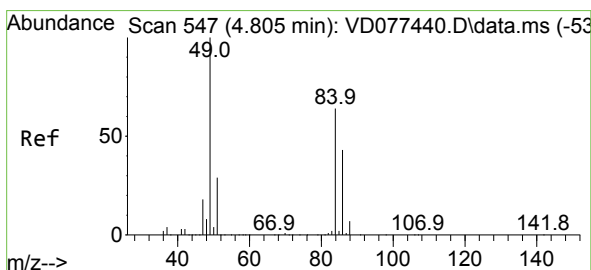
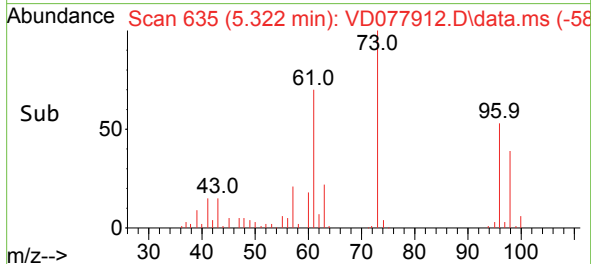
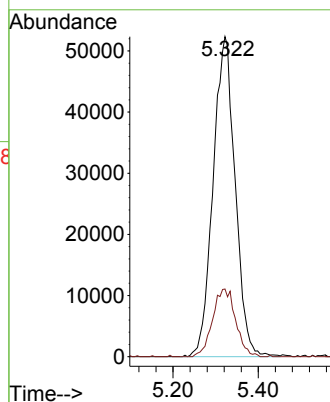
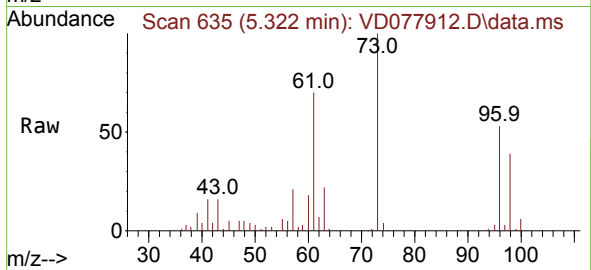




#19
Methyl tert-butyl Ether
Concen: 58.887 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

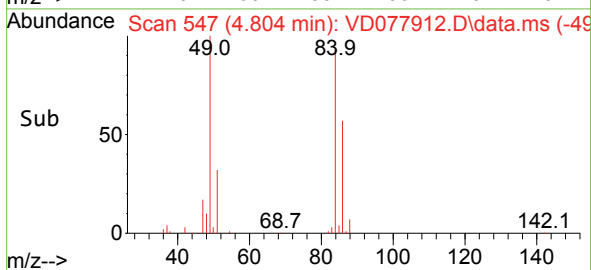
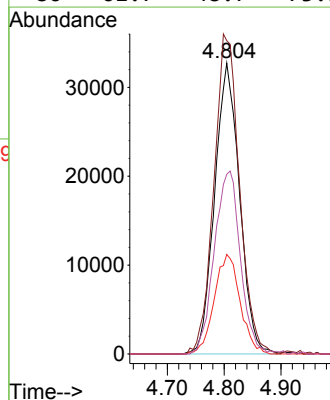
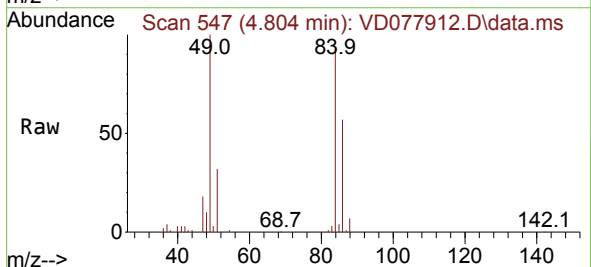
Instrument :
MSVOA_D
ClientSampleId :

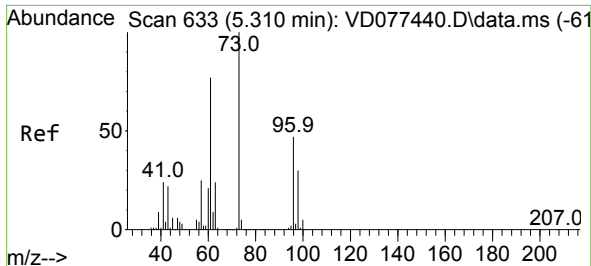
Tgt Ion: 73 Resp: 187988
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0



#20
Methylene Chloride
Concen: 57.829 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.001 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

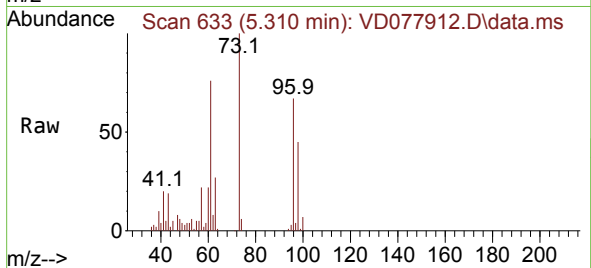
Tgt Ion: 84 Resp: 99692
Ion Ratio Lower Upper
84 100
49 107.7 71.4 107.2#
51 34.2 24.5 36.7
86 61.7 48.7 73.1



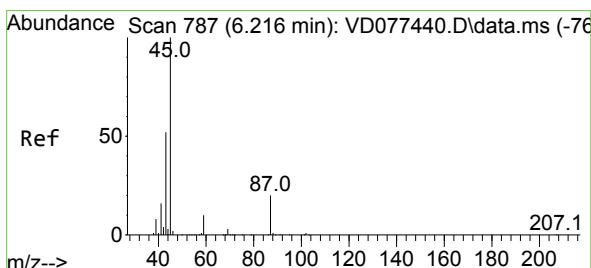
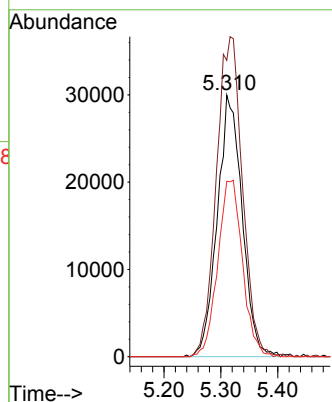
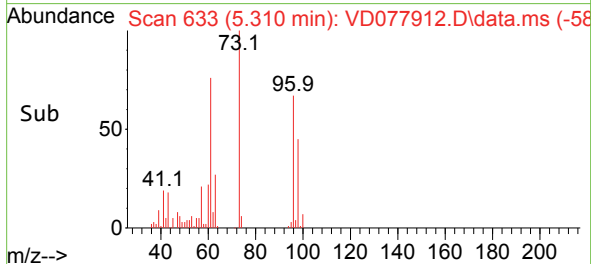


#21
trans-1,2-Dichloroethene
Concen: 53.425 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

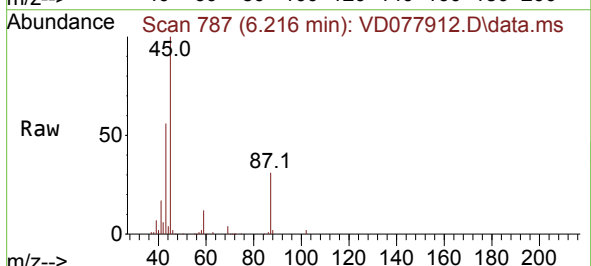
Instrument :
MSVOA_D
ClientSampleId :



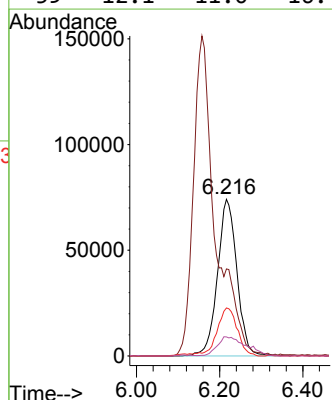
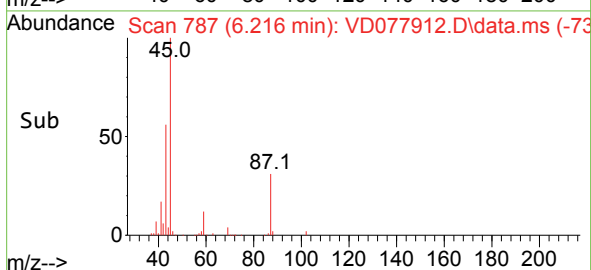
Tgt Ion: 96 Resp: 91051
Ion Ratio Lower Upper
96 100
61 113.3 89.3 133.9
98 67.0 48.6 73.0

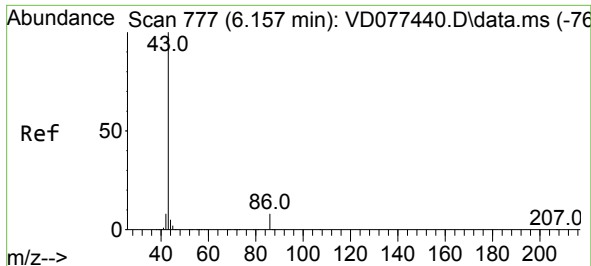


#22
Diisopropyl ether
Concen: 55.636 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05



Tgt Ion: 45 Resp: 240600
Ion Ratio Lower Upper
45 100
43 54.3 40.0 60.0
87 30.6 28.2 42.4
59 12.1 11.0 16.4

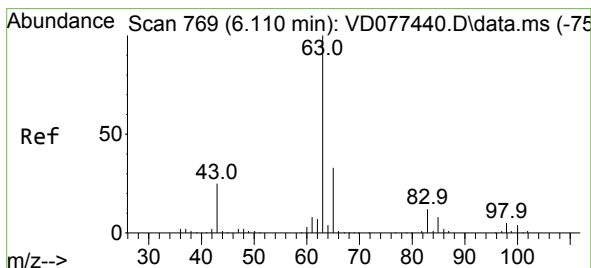
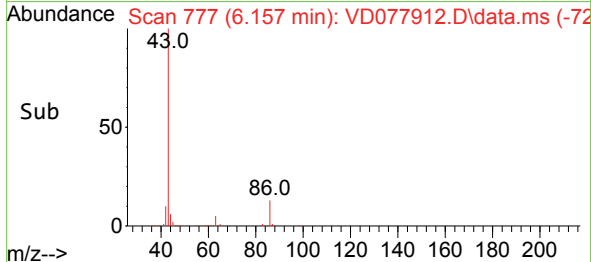
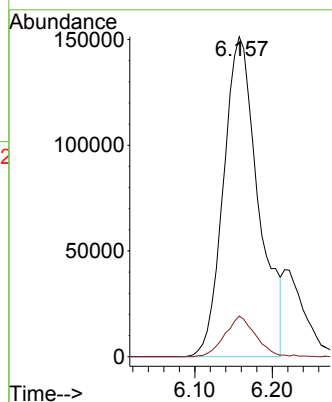
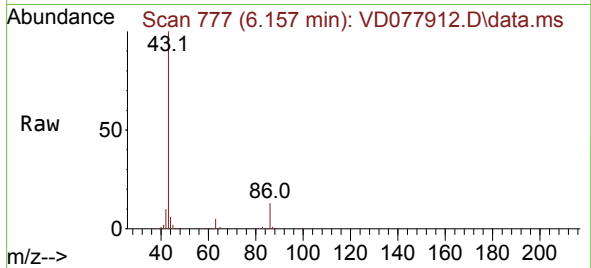




#23
 Vinyl Acetate
 Concen: 224.239 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

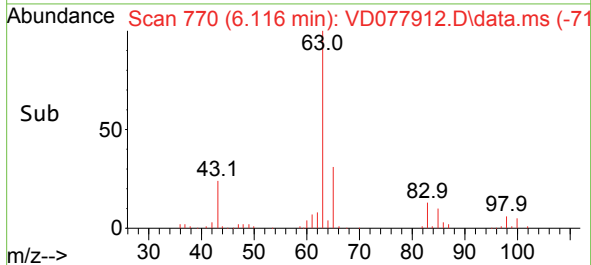
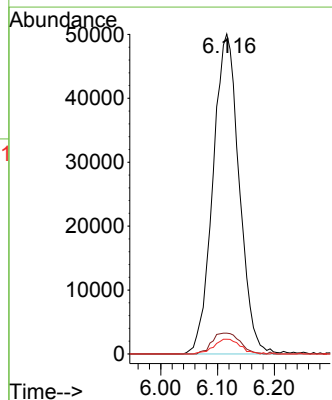
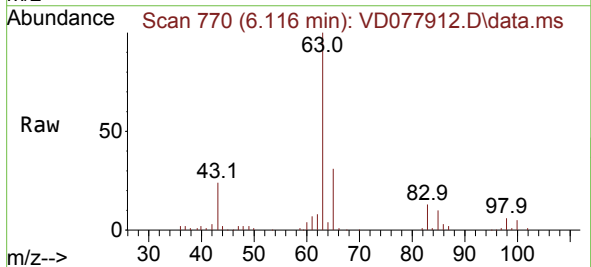
Instrument :
 MSVOA_D
 ClientSampleId :

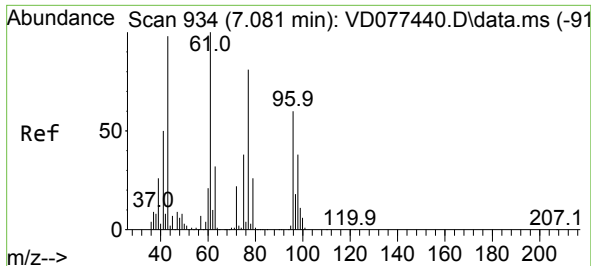
Tgt Ion: 43 Resp: 473557
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 54.863 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

Tgt Ion: 63 Resp: 160669
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.5 13.7
 100 4.6 2.5 7.5

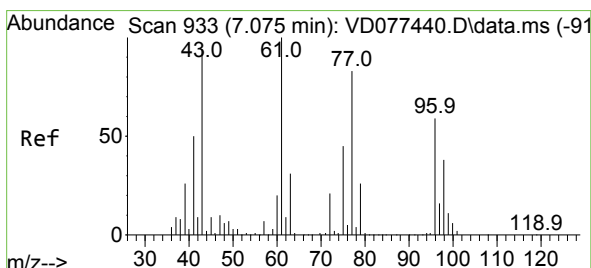
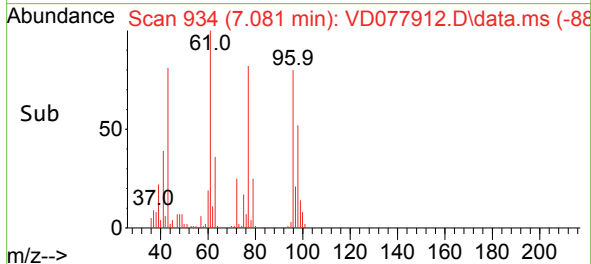
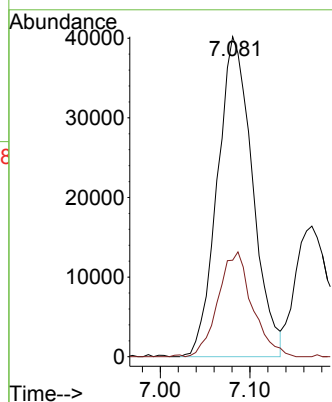
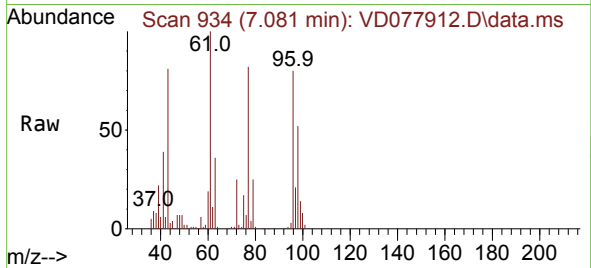




#25
2-Butanone
Concen: 270.418 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

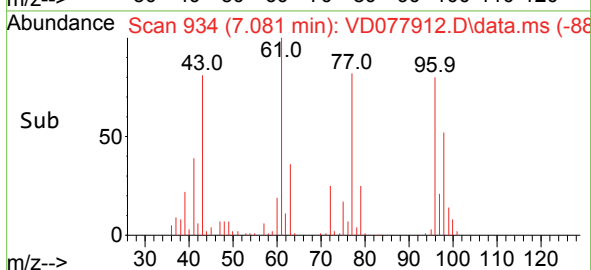
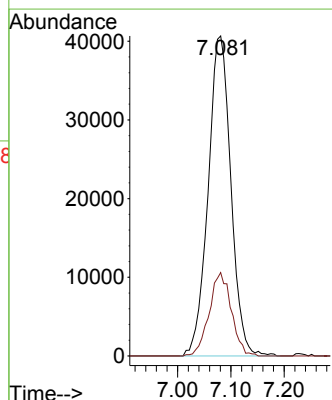
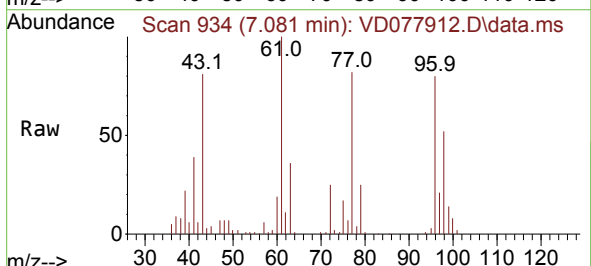
Instrument :
MSVOA_D
ClientSampleId :

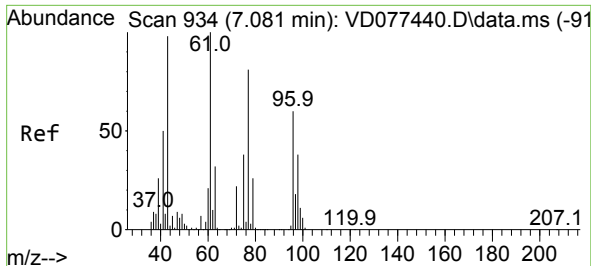
Tgt Ion: 43 Resp: 109146
Ion Ratio Lower Upper
43 100
72 29.6 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 49.069 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion: 77 Resp: 120653
Ion Ratio Lower Upper
77 100
97 25.4 13.2 39.6



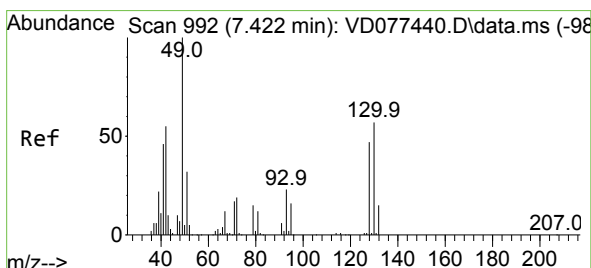
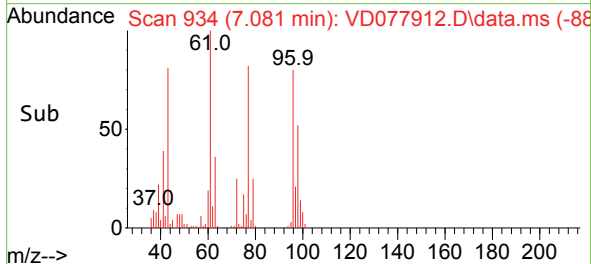
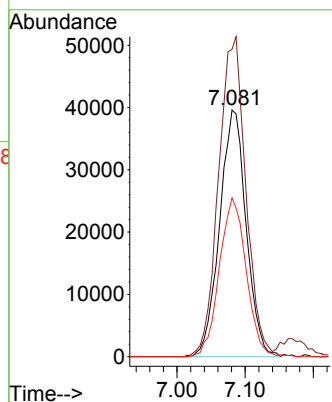
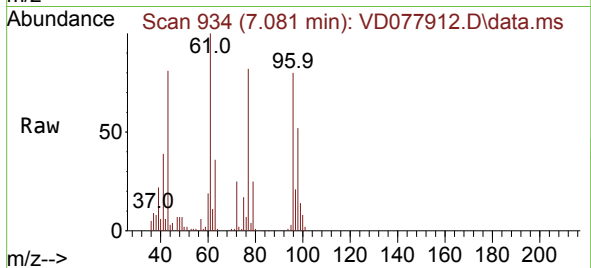


#27
 cis-1,2-Dichloroethene
 Concen: 58.464 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 107213

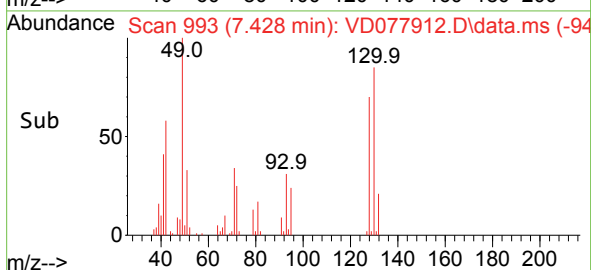
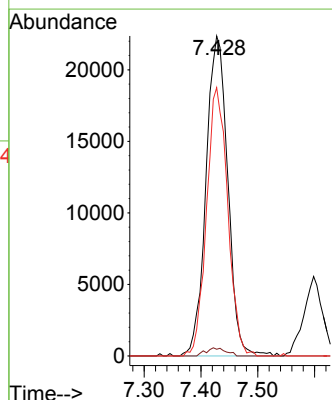
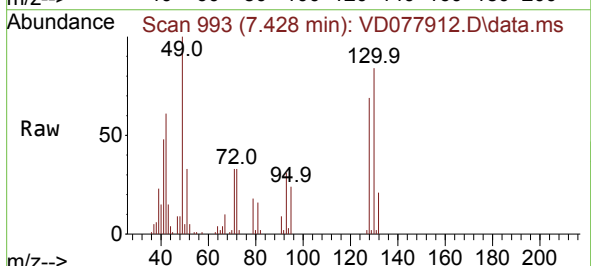
Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	239.2
98	65.1	0.0	128.6

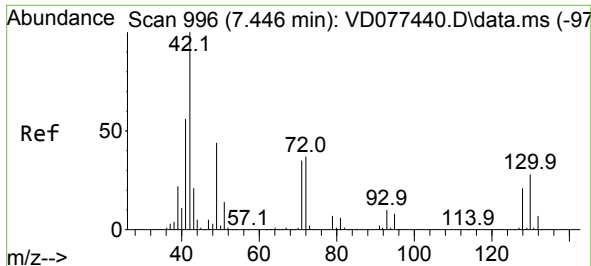


#28
 Bromochloromethane
 Concen: 50.182 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

Tgt Ion: 49 Resp: 59384

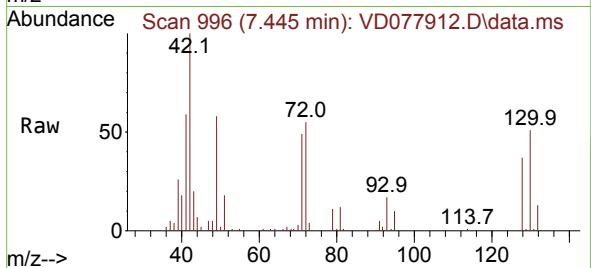
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	6.0
130	81.5	83.2	124.8



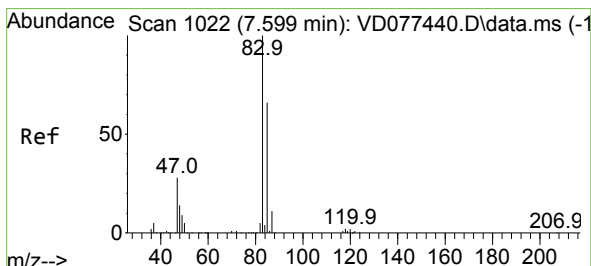
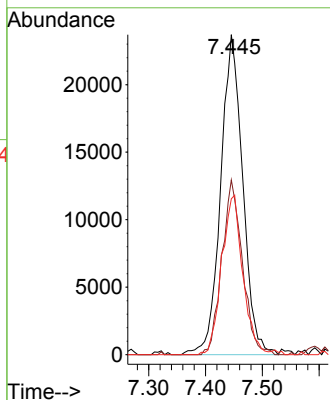
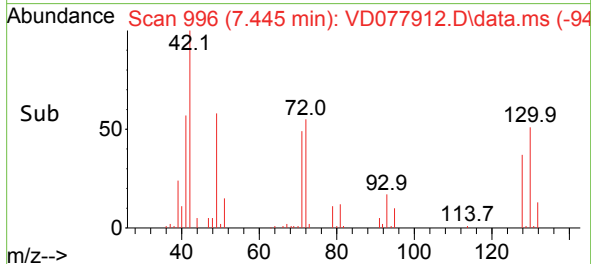


#29
Tetrahydrofuran
Concen: 272.936 ug/l
RT: 7.445 min Scan# 996
Delta R.T. -0.001 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Instrument :
MSVOA_D
ClientSampleId :

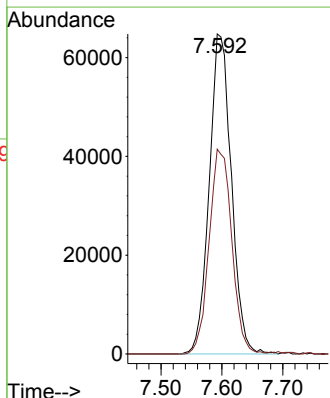
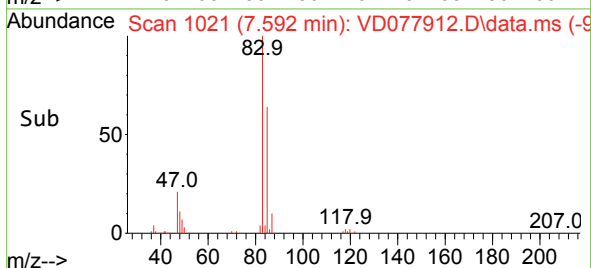
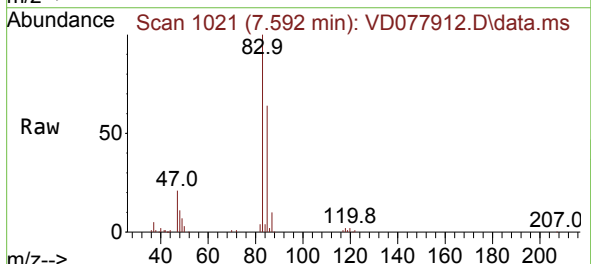


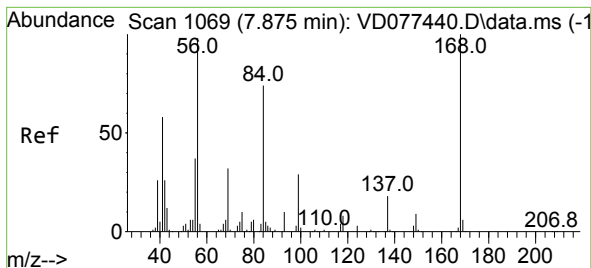
Tgt Ion: 42 Resp: 64108
Ion Ratio Lower Upper
42 100
72 50.7 46.5 69.7
71 47.7 44.5 66.7



#30
Chloroform
Concen: 55.710 ug/l
RT: 7.592 min Scan# 1021
Delta R.T. -0.007 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion: 83 Resp: 163284
Ion Ratio Lower Upper
83 100
85 64.0 53.4 80.2





#31

Cyclohexane

Concen: 43.288 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

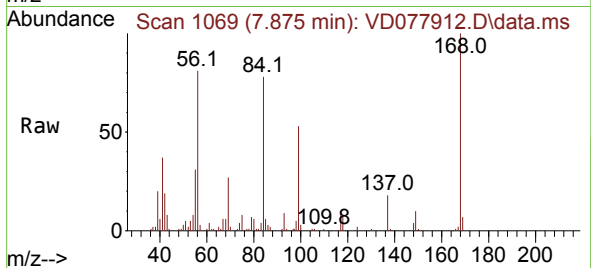
Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :



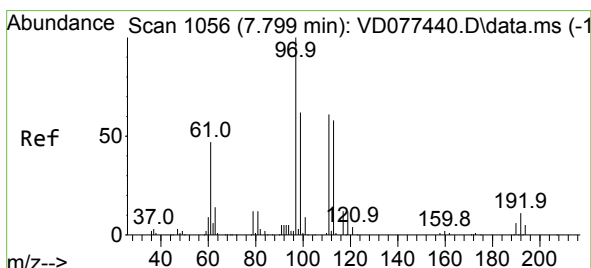
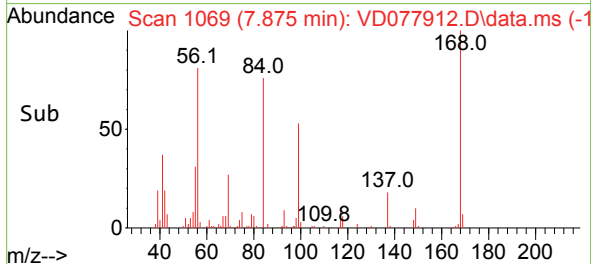
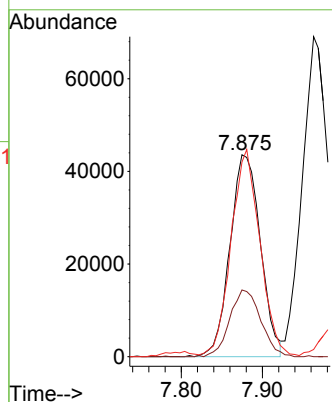
Tgt Ion: 56 Resp: 113570

Ion Ratio Lower Upper

56 100

69 33.0 28.6 43.0

84 94.0 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 52.669 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.001 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

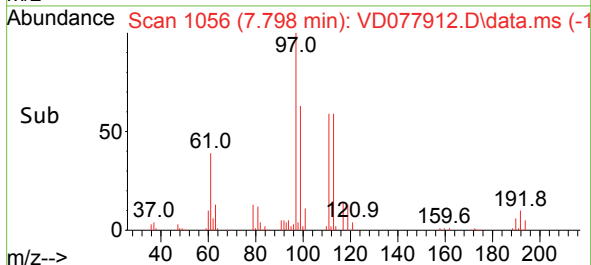
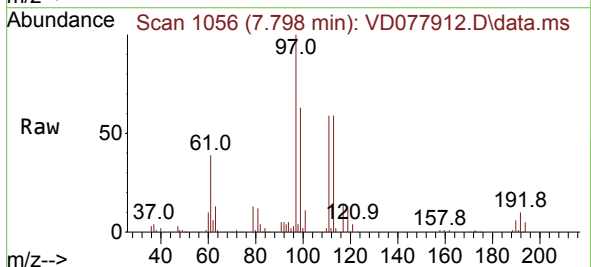
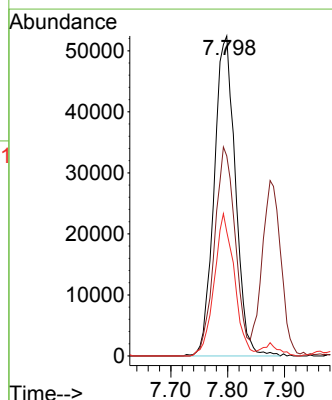
Tgt Ion: 97 Resp: 136088

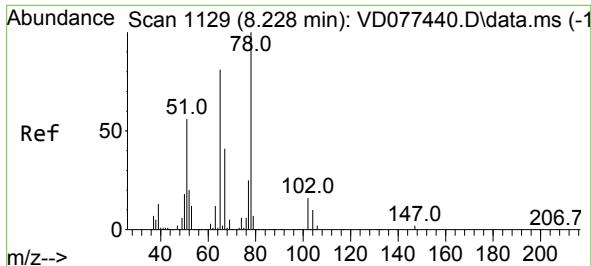
Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 42.0 33.8 50.8

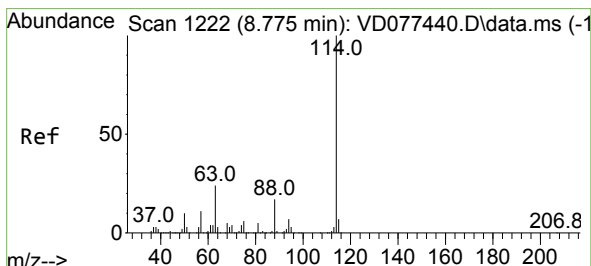
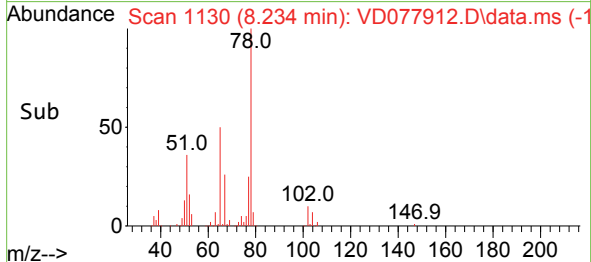
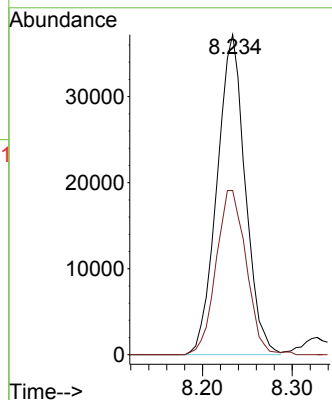
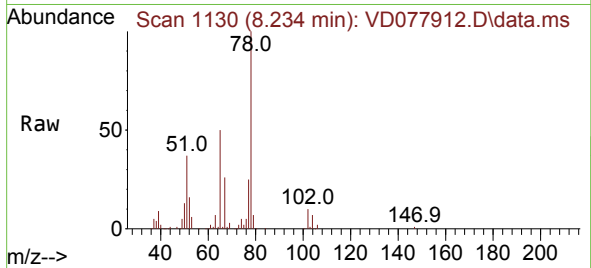




#33
 1,2-Dichloroethane-d4
 Concen: 55.109 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

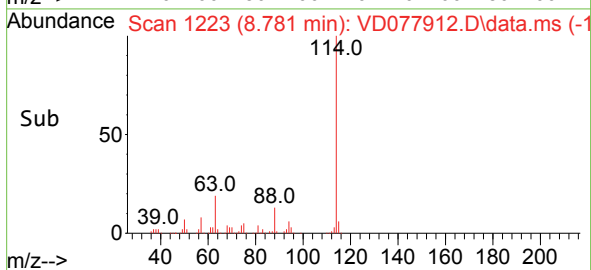
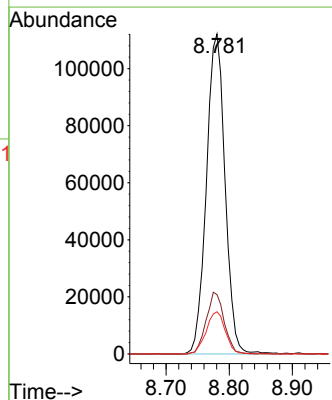
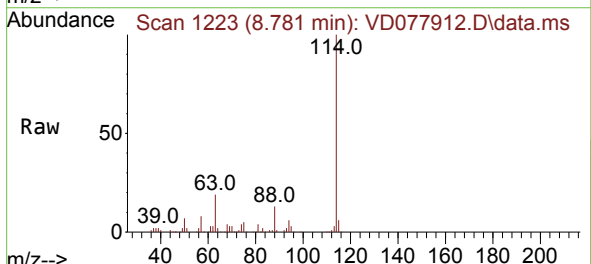
Instrument :
 MSVOA_D
 ClientSampleId :

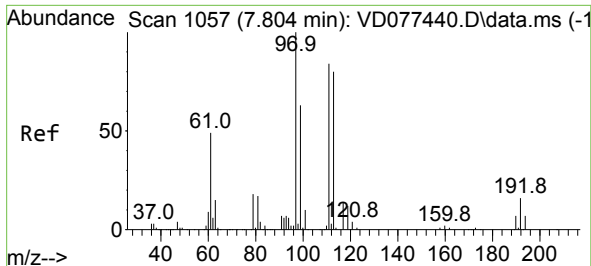
Tgt Ion: 65 Resp: 81287
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

Tgt Ion: 114 Resp: 229774
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 33.4
 88 13.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.591 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :

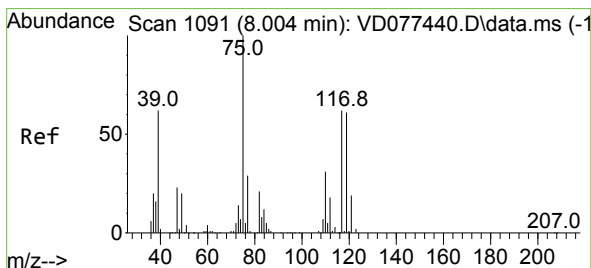
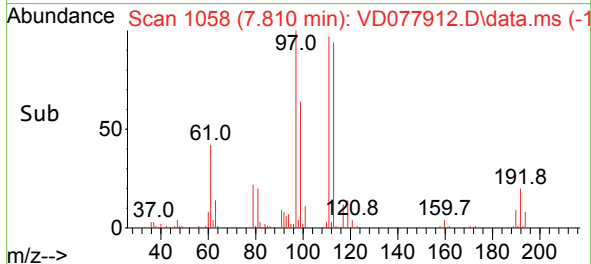
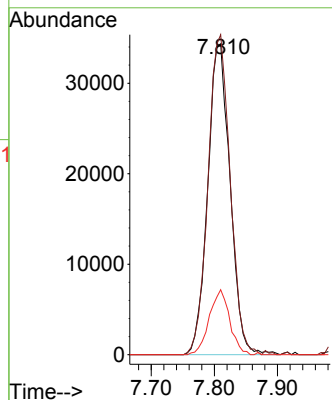
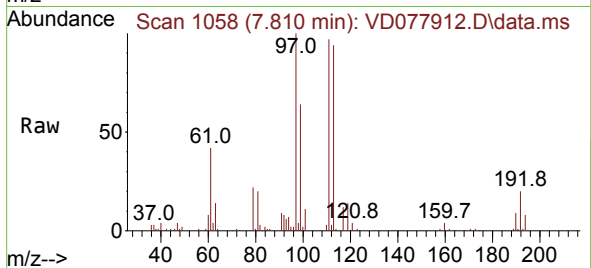
Tgt Ion:113 Resp: 84644

Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 19.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 46.015 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

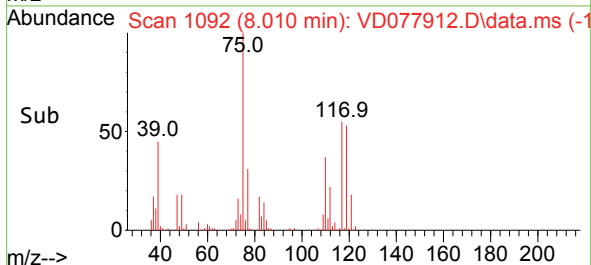
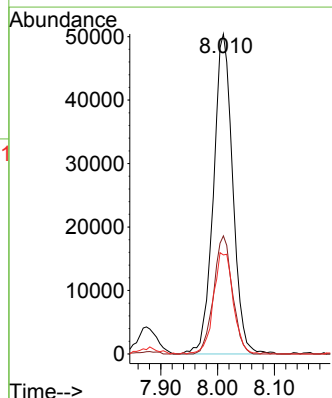
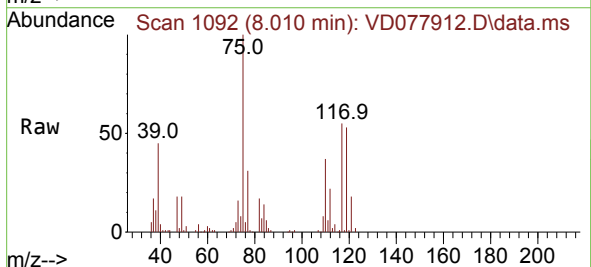
Tgt Ion: 75 Resp: 118465

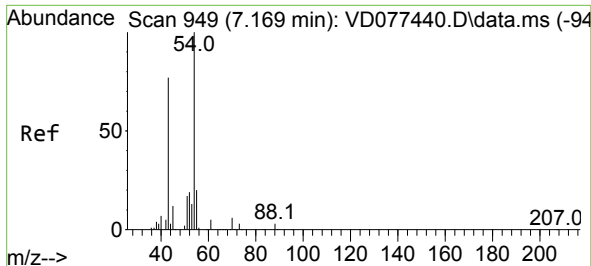
Ion Ratio Lower Upper

75 100

110 35.8 19.9 59.6

77 32.6 24.7 37.1

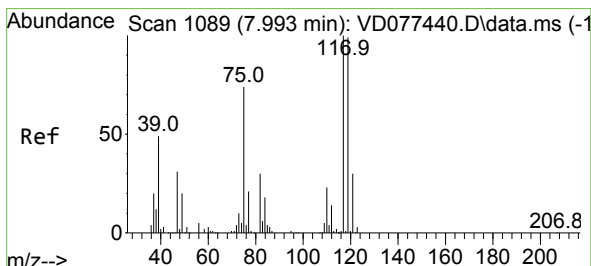
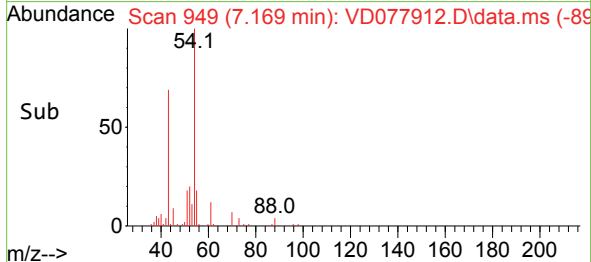
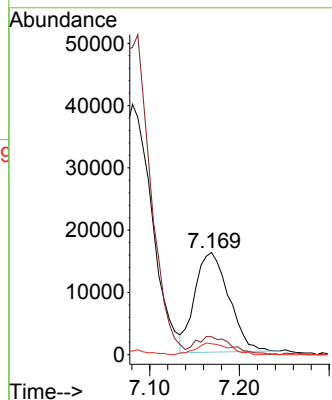
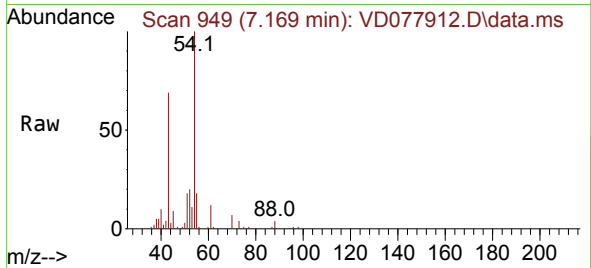




#37
Ethyl Acetate
Concen: 42.011 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

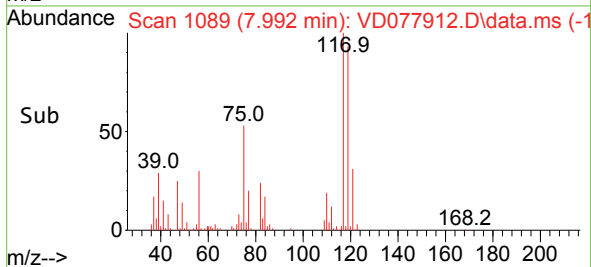
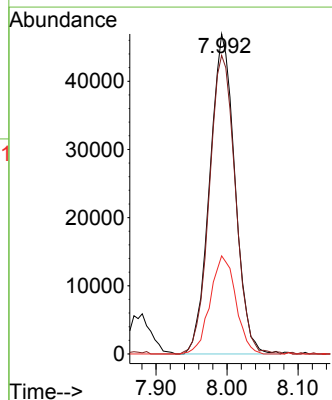
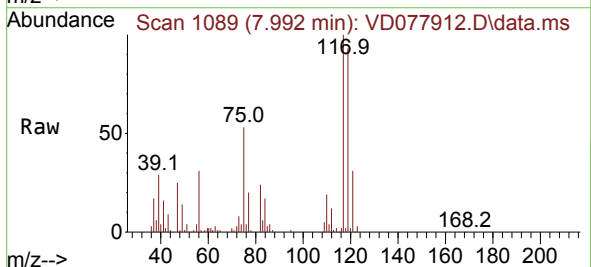
Instrument :
MSVOA_D
ClientSampleId :

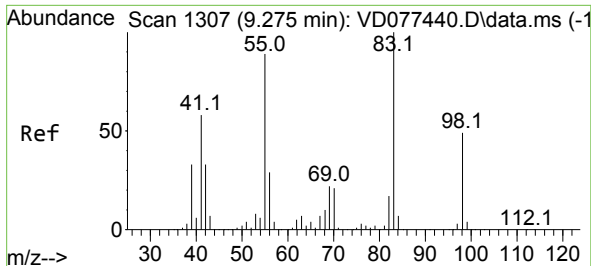
Tgt Ion: 43 Resp: 42172
Ion Ratio Lower Upper
43 100
61 19.1 14.9 22.3
70 11.4 10.0 15.0



#38
Carbon Tetrachloride
Concen: 45.028 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.001 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion: 117 Resp: 115567
Ion Ratio Lower Upper
117 100
119 93.3 78.0 117.0
121 30.7 24.2 36.2

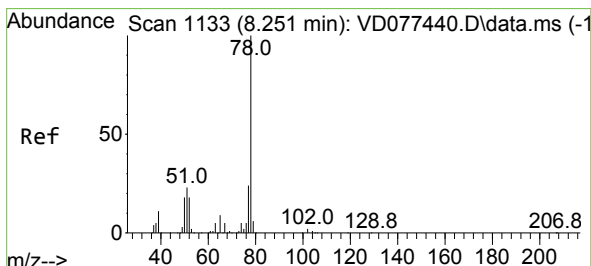
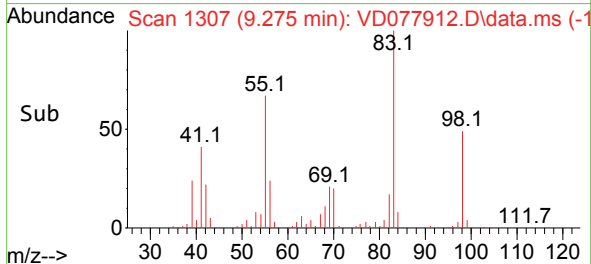
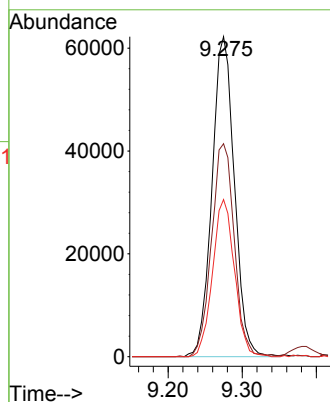
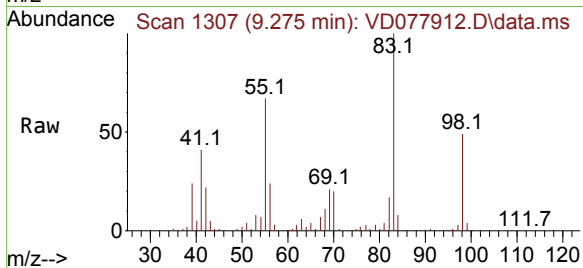




#39
Methylcyclohexane
Concen: 42.732 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

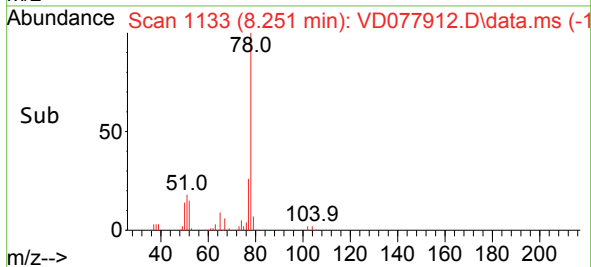
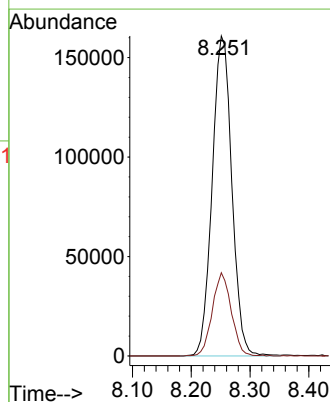
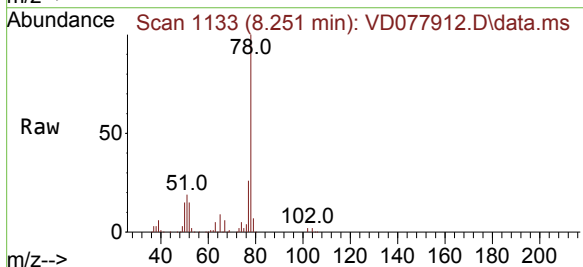
Instrument :
MSVOA_D
ClientSampleId :

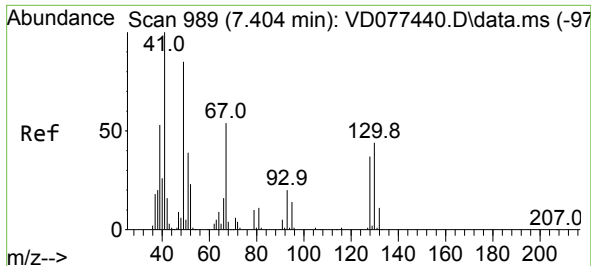
Tgt Ion: 83 Resp: 130418
Ion Ratio Lower Upper
83 100
55 66.3 49.4 74.0
98 49.1 38.4 57.6



#40
Benzene
Concen: 51.171 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

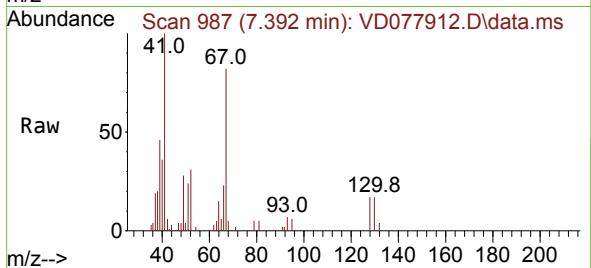
Tgt Ion: 78 Resp: 373900
Ion Ratio Lower Upper
78 100
77 26.0 19.4 29.0



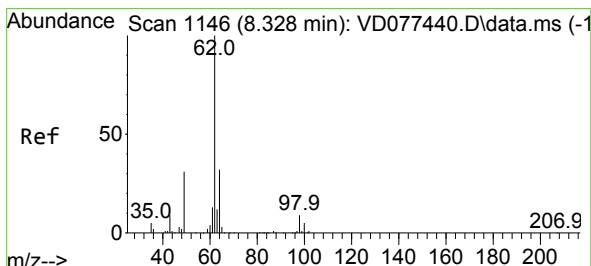
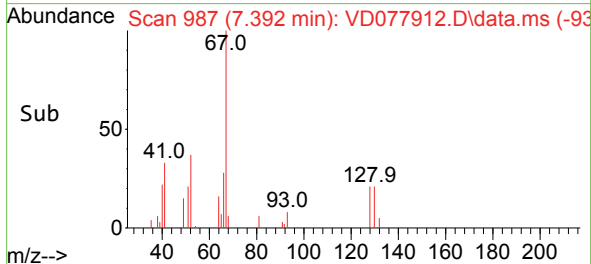
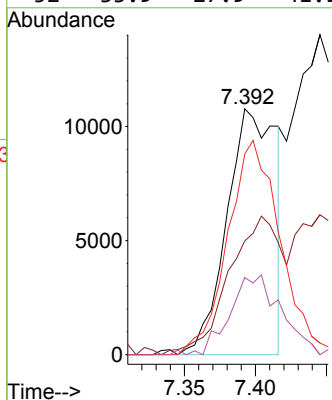


#41
Methacrylonitrile
Concen: 50.845 ug/l
RT: 7.392 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Instrument :
MSVOA_D
ClientSampleId :

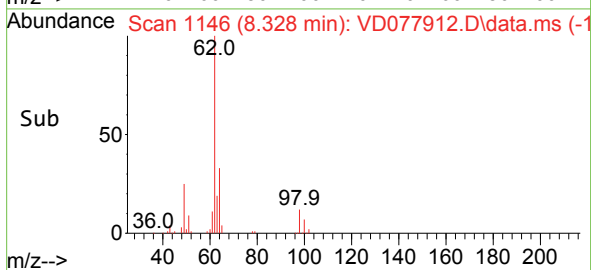
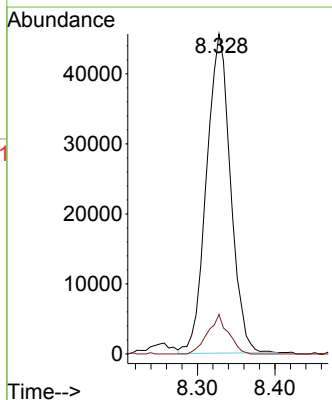
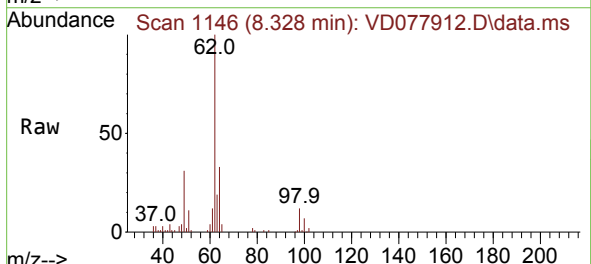


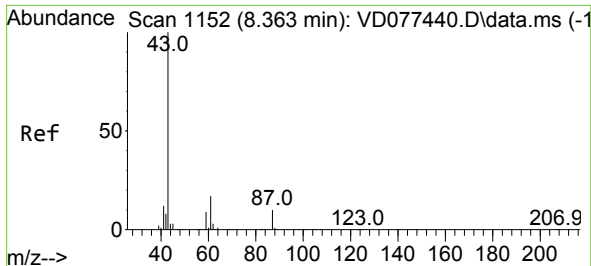
Tgt Ion: 41 Resp: 25942
Ion Ratio Lower Upper
41 100
39 60.5 34.0 51.0#
67 94.6 77.0 115.4
52 33.9 27.9 41.9



#42
1,2-Dichloroethane
Concen: 51.813 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion: 62 Resp: 98136
Ion Ratio Lower Upper
62 100
98 10.5 0.0 25.4

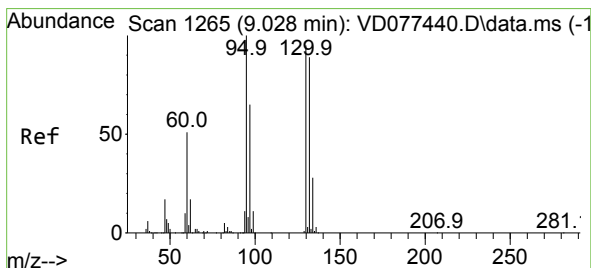
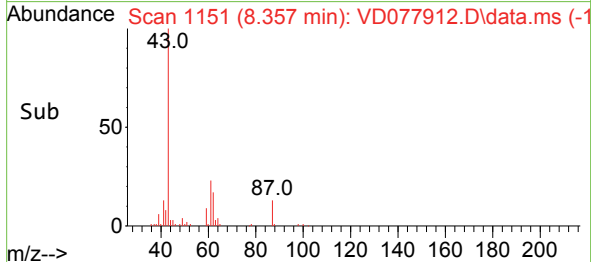
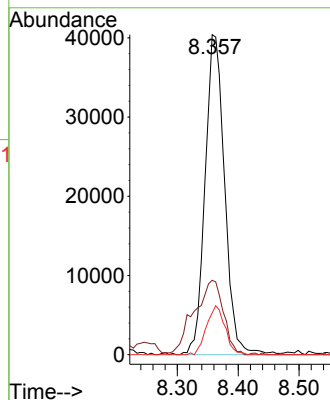
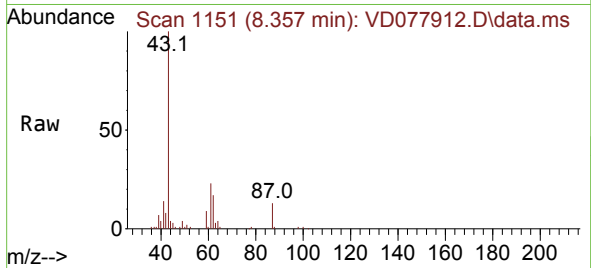




#43
Isopropyl Acetate
Concen: 50.489 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

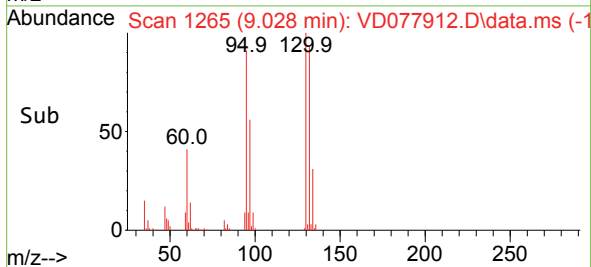
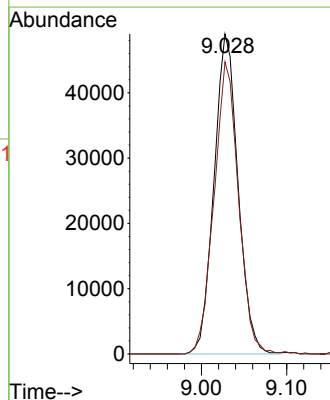
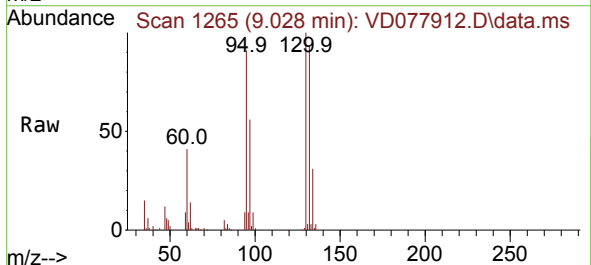
Instrument :
MSVOA_D
ClientSampleId :

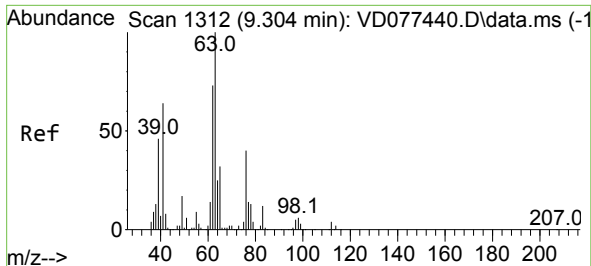
Tgt Ion: 43 Resp: 90095
Ion Ratio Lower Upper
43 100
61 34.8 31.4 47.0
87 14.5 14.9 22.3#



#44
Trichloroethene
Concen: 50.362 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion:130 Resp: 95898
Ion Ratio Lower Upper
130 100
95 91.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.690 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

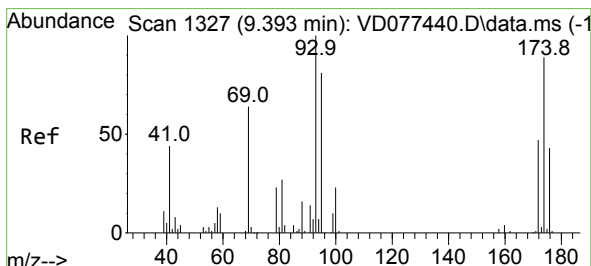
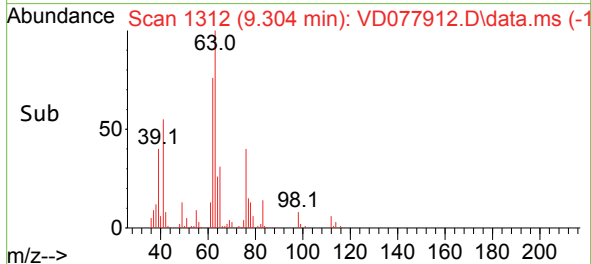
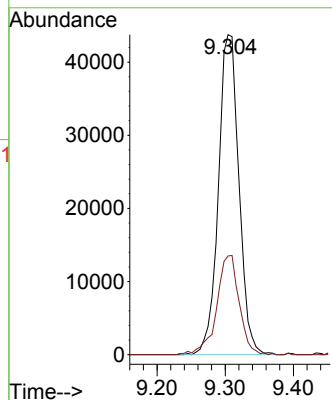
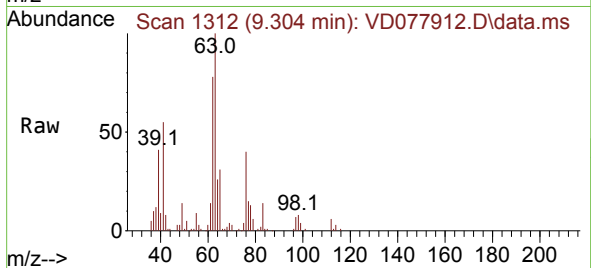
ClientSampleId :

Tgt Ion: 63 Resp: 91816

Ion Ratio Lower Upper

63 100

65 30.9 24.5 36.7



#46

Dibromomethane

Concen: 54.584 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

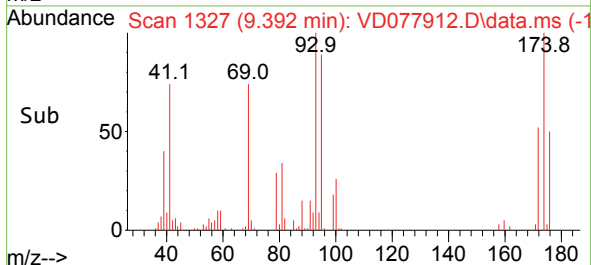
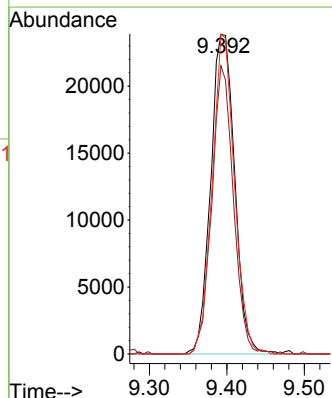
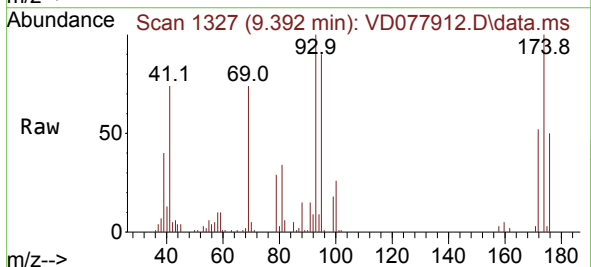
Tgt Ion: 93 Resp: 51301

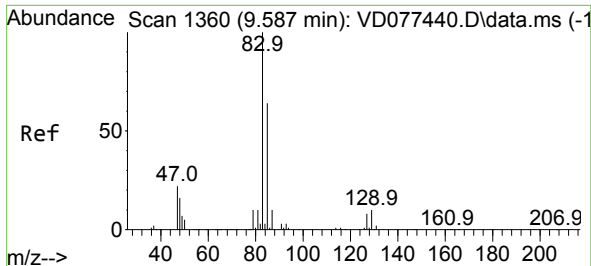
Ion Ratio Lower Upper

93 100

95 81.4 67.7 101.5

174 92.7 85.4 128.2

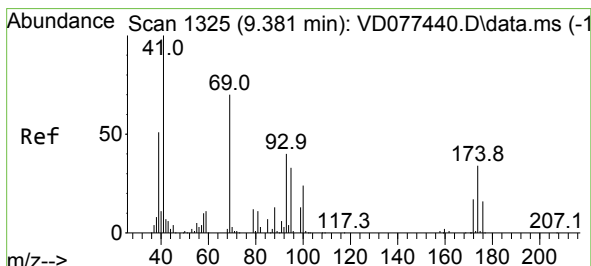
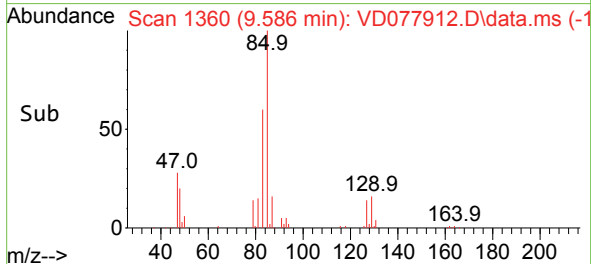
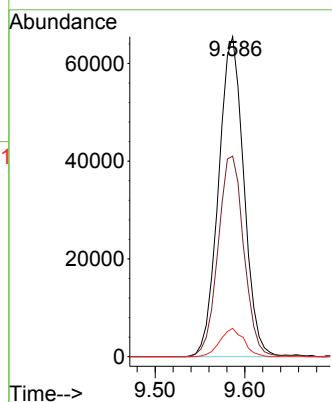
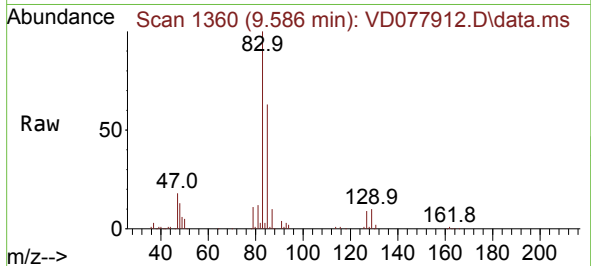




#47
Bromodichloromethane
Concen: 53.713 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

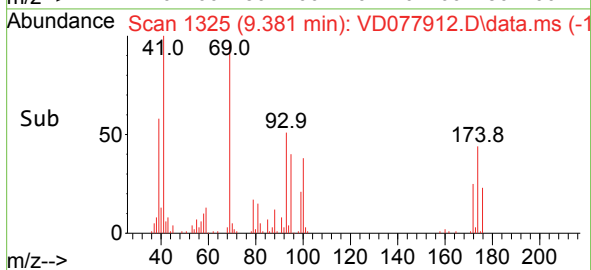
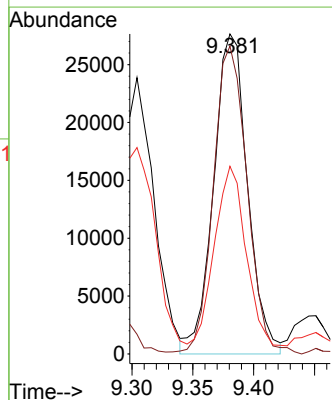
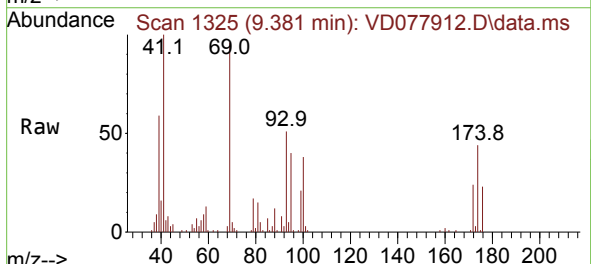
Instrument :
MSVOA_D
ClientSampleId :

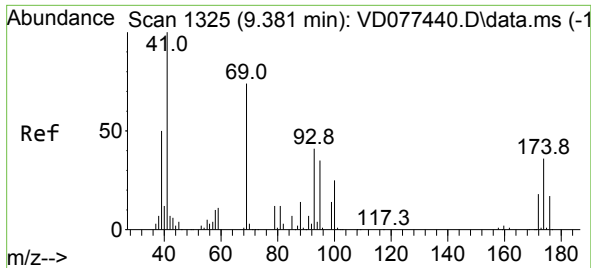
Tgt Ion: 83 Resp: 127956
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.4
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 52.894 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion: 41 Resp: 53654
Ion Ratio Lower Upper
41 100
69 95.4 102.2 153.2#
39 56.2 41.4 62.2





#49

1,4-Dioxane

Concen: 963.627 ug/l

RT: 9.386 min Scan# 1

Delta R.T. 0.005 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :

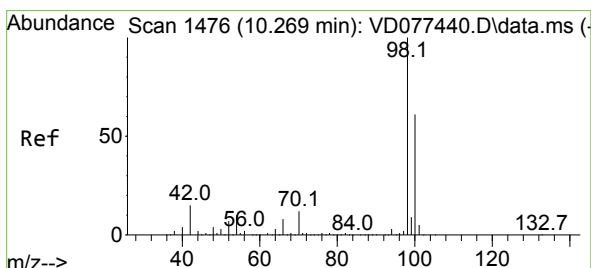
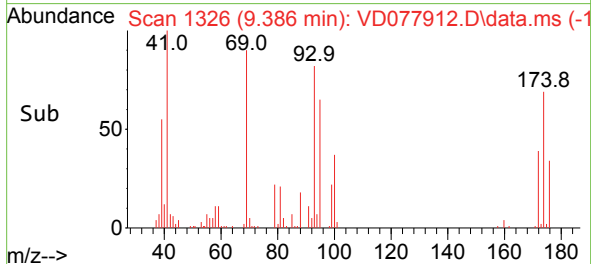
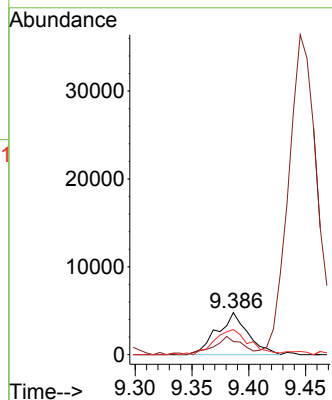
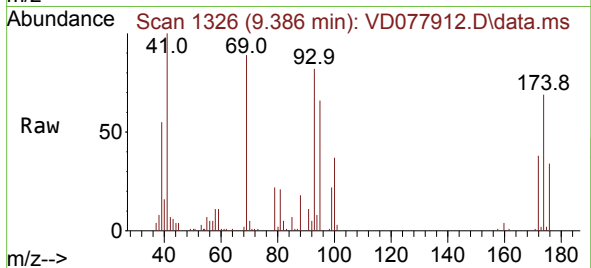
Tgt Ion: 88 Resp: 8993

Ion Ratio Lower Upper

88 100

43 38.5 19.0 28.6#

58 67.7 43.5 65.3#



#50

Toluene-d8

Concen: 51.966 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077912.D

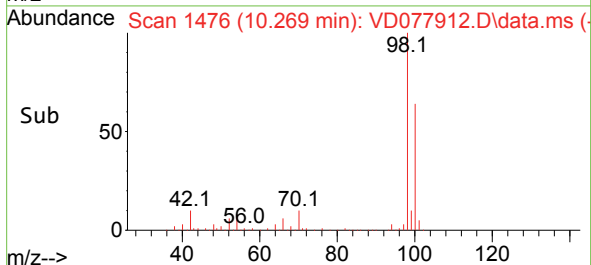
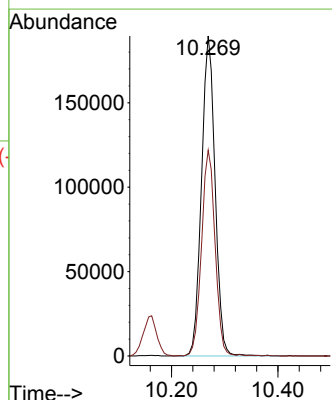
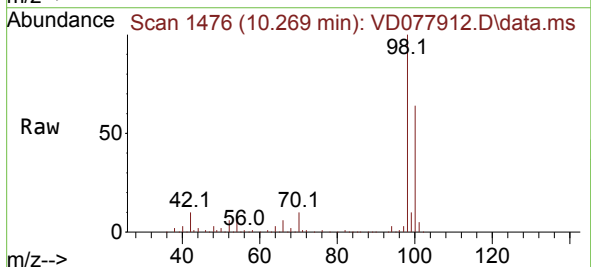
Acq: 15 Dec 2023 19:05

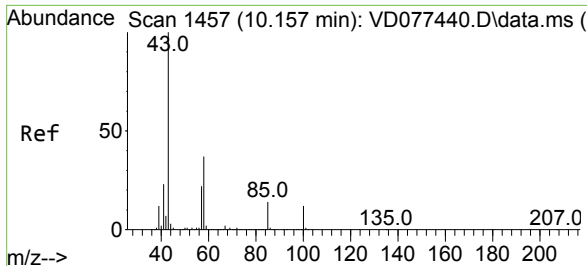
Tgt Ion: 98 Resp: 334985

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5

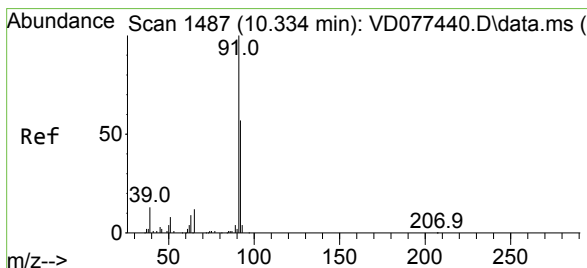
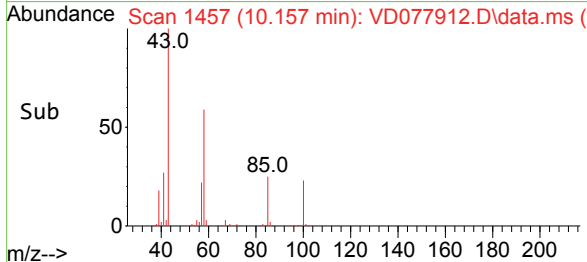
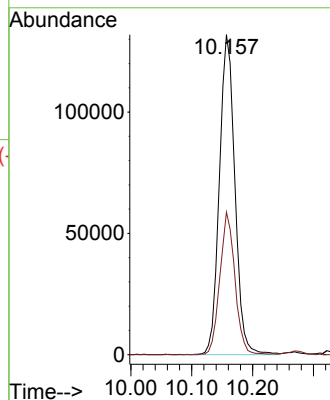
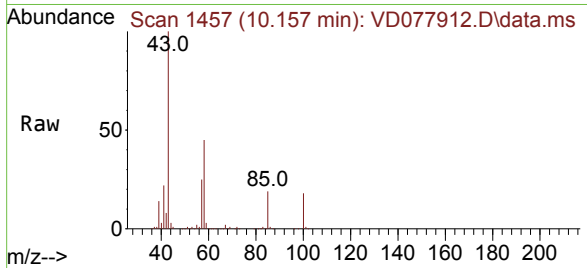




#51
4-Methyl-2-Pentanone
Concen: 256.436 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

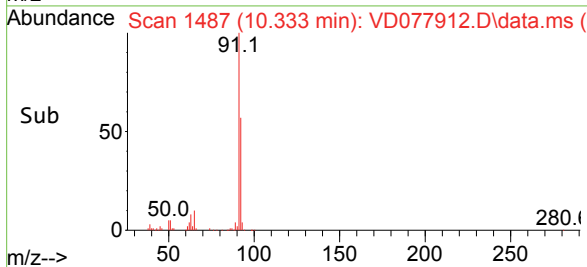
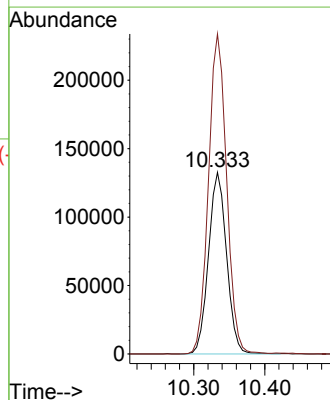
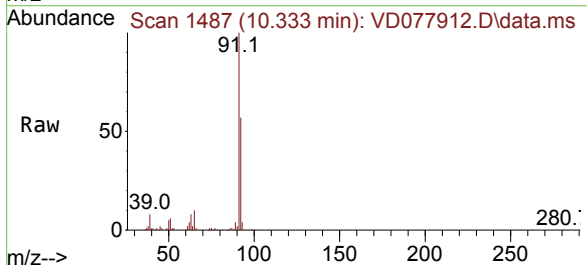
Instrument :
MSVOA_D
ClientSampleId :

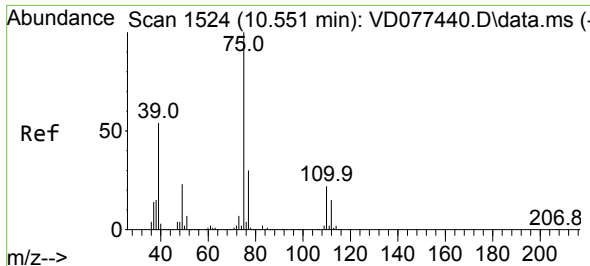
Tgt Ion: 43 Resp: 233540
Ion Ratio Lower Upper
43 100
58 43.3 38.9 58.3



#52
Toluene
Concen: 51.778 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion: 92 Resp: 234684
Ion Ratio Lower Upper
92 100
91 176.7 143.0 214.4

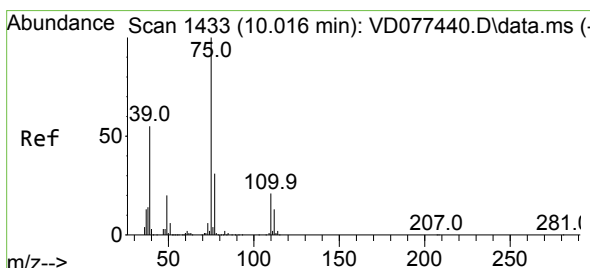
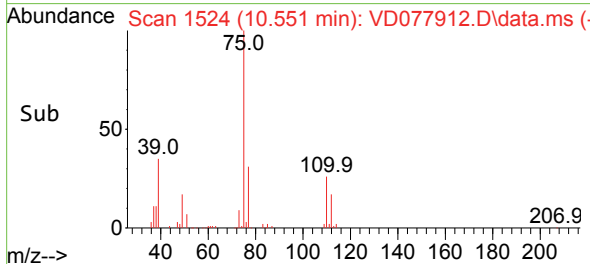
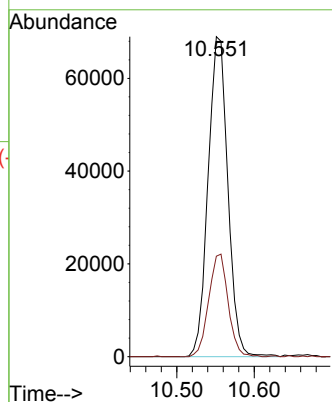
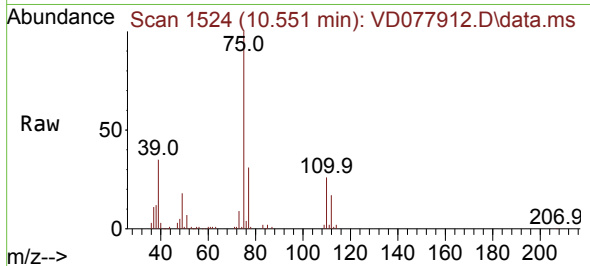




#53
 t-1,3-Dichloropropene
 Concen: 53.357 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

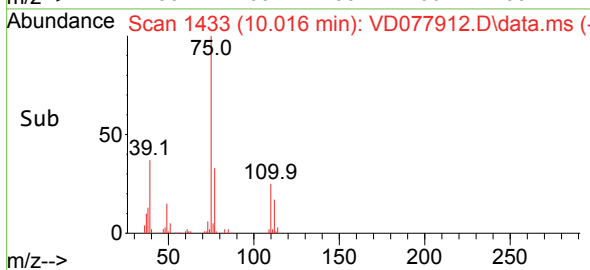
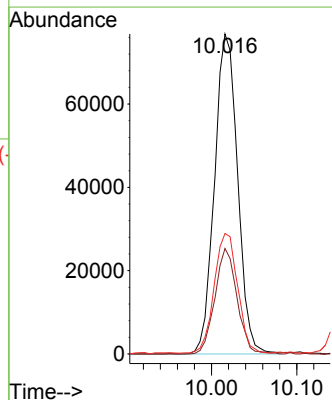
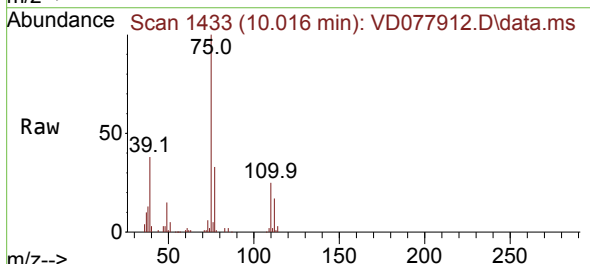
Instrument :
 MSVOA_D
 ClientSampleId :

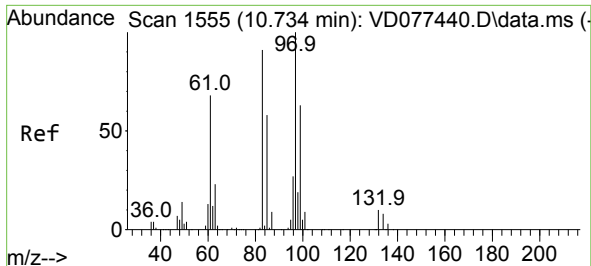
Tgt Ion: 75 Resp: 122061
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 52.306 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

Tgt Ion: 75 Resp: 144669
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.5 38.3
 39 37.4 22.1 33.1#

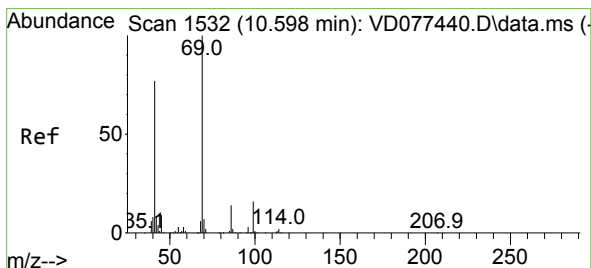
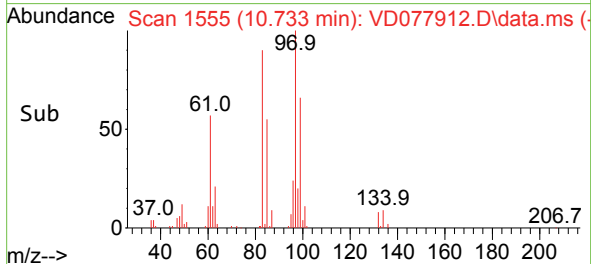
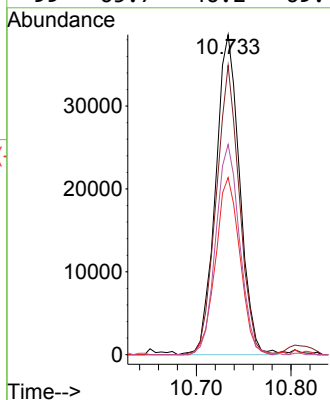
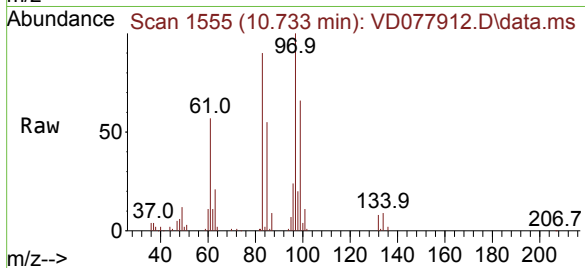




#55
 1,1,2-Trichloroethane
 Concen: 53.177 ug/l
 RT: 10.733 min Scan# 1555
 Delta R.T. -0.001 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

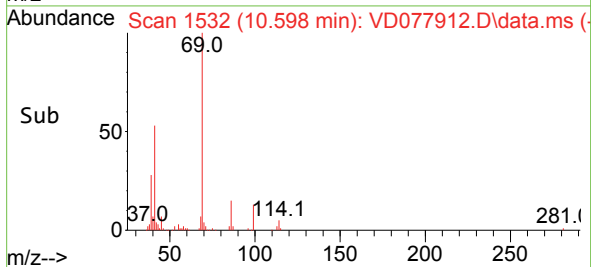
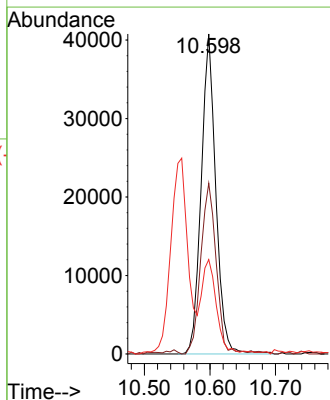
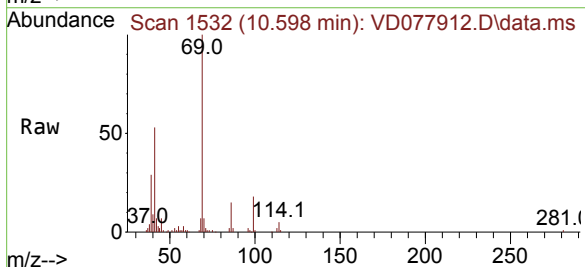
Instrument :
 MSVOA_D
 ClientSampleId :

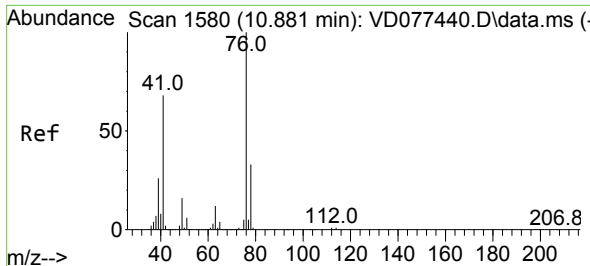
Tgt Ion:	97	Resp:	68363
Ion	Ratio	Lower	Upper
97	100		
83	90.4	65.8	98.6
85	55.3	45.7	68.5
99	65.7	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 55.970 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

Tgt Ion:	69	Resp:	63429
Ion	Ratio	Lower	Upper
69	100		
41	56.2	39.1	58.7
39	28.2	20.0	30.0





#57

1,3-Dichloropropane

Concen: 55.638 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.001 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

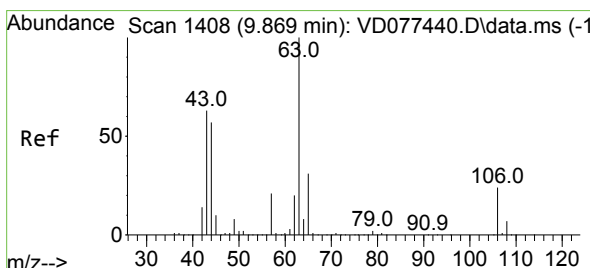
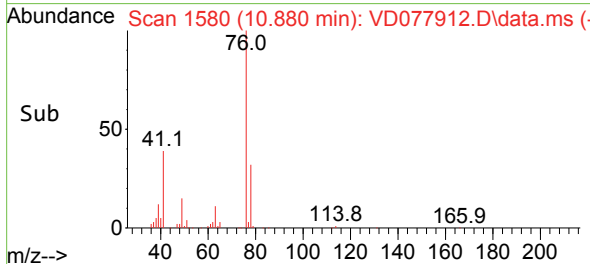
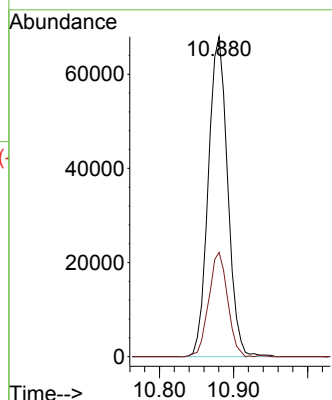
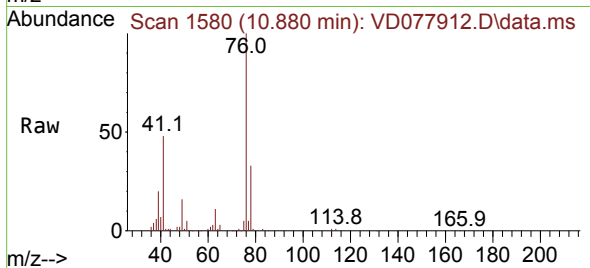
ClientSampleId :

Tgt Ion: 76 Resp: 123293

Ion Ratio Lower Upper

76 100

78 31.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 297.776 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077912.D

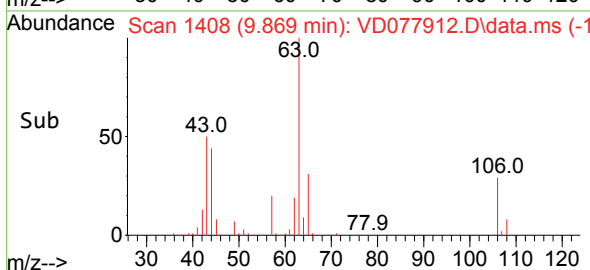
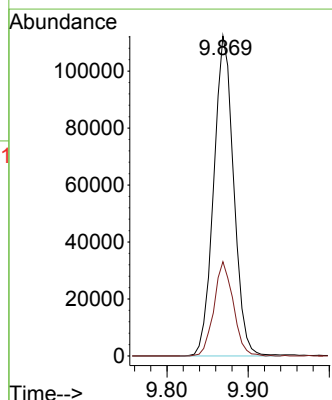
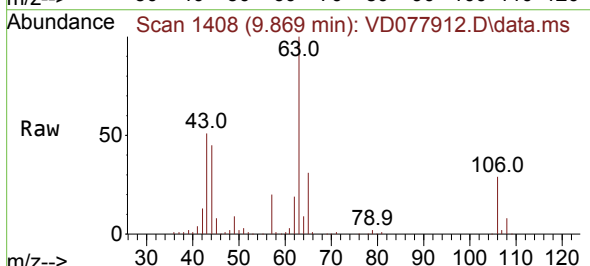
Acq: 15 Dec 2023 19:05

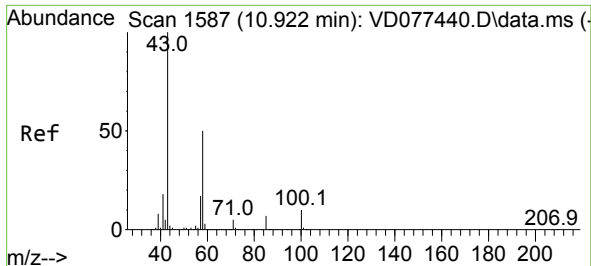
Tgt Ion: 63 Resp: 192446

Ion Ratio Lower Upper

63 100

106 28.4 25.3 37.9

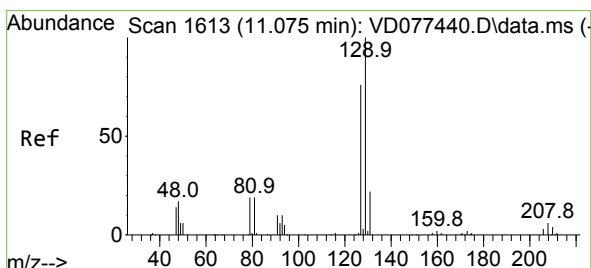
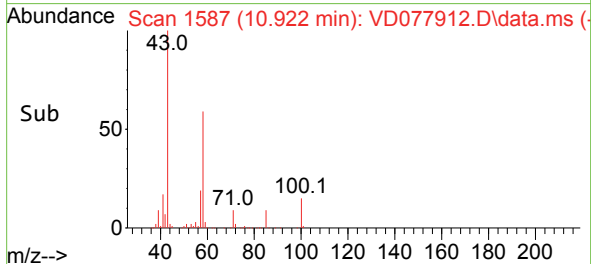
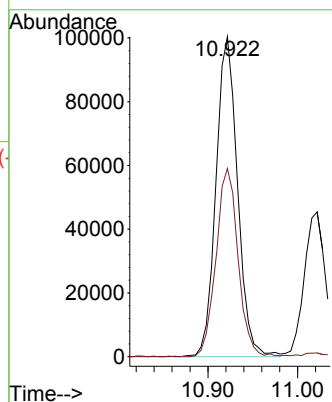
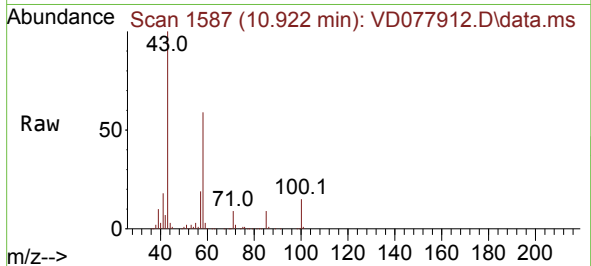




#59
2-Hexanone
Concen: 221.549 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

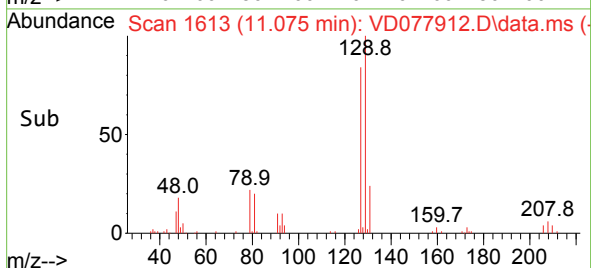
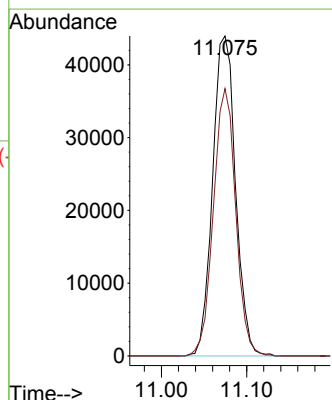
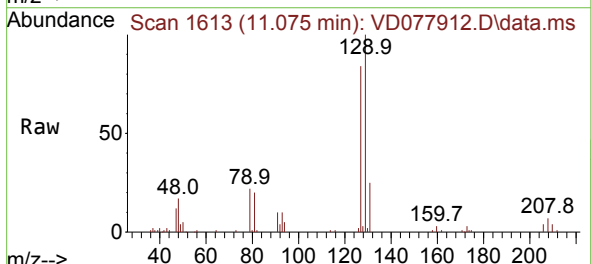
Instrument :
MSVOA_D
ClientSampleId :

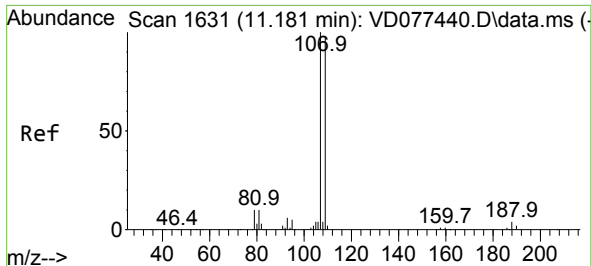
Tgt Ion: 43 Resp: 167396
Ion Ratio Lower Upper
43 100
58 60.1 34.1 102.2



#60
Dibromochloromethane
Concen: 53.093 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion:129 Resp: 82178
Ion Ratio Lower Upper
129 100
127 81.3 37.1 111.5

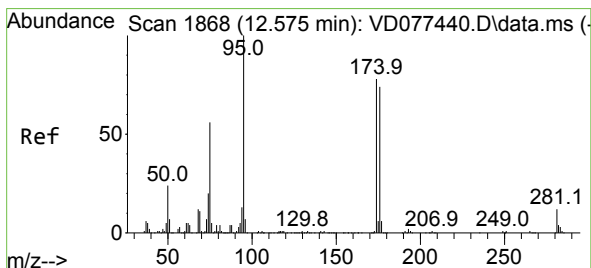
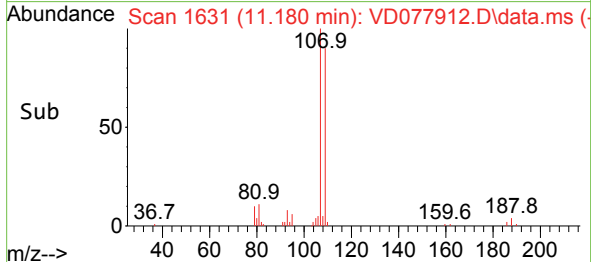
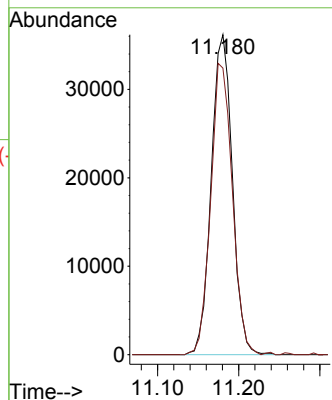
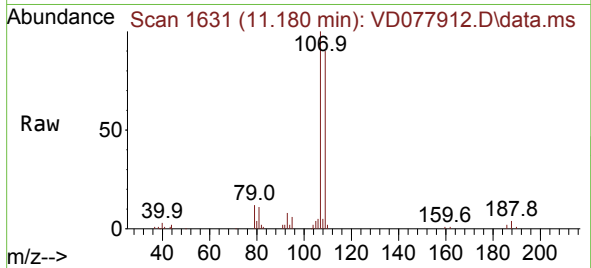




#61
1,2-Dibromoethane
Concen: 54.026 ug/l
RT: 11.180 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

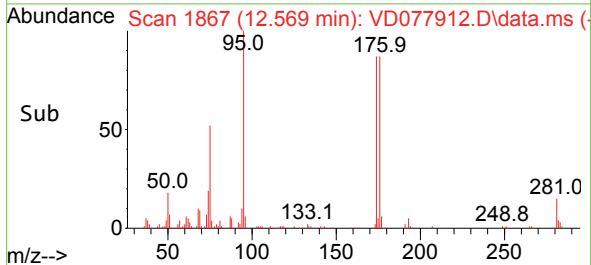
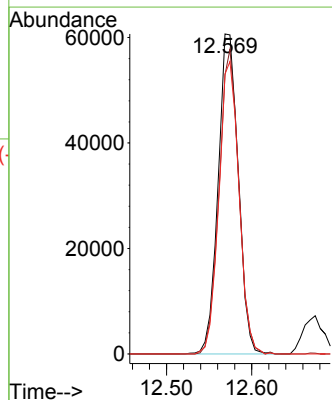
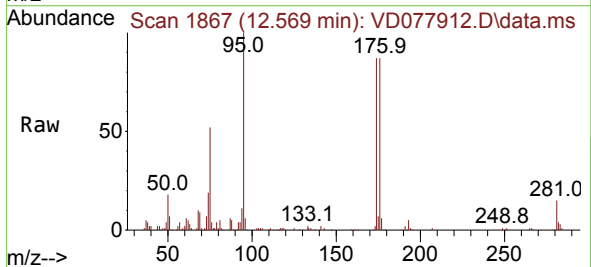
Instrument :
MSVOA_D
ClientSampleId :

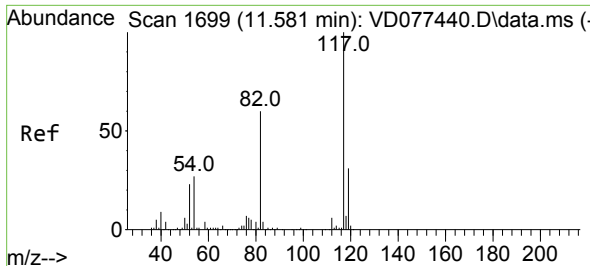
Tgt Ion:107 Resp: 65379
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.759 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

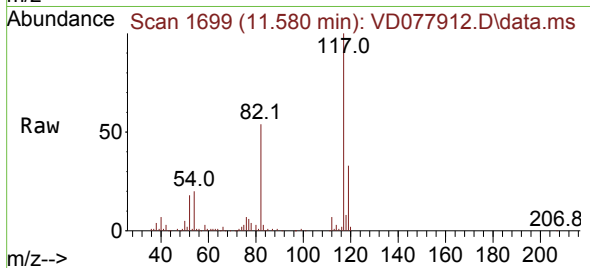
Tgt Ion: 95 Resp: 99752
Ion Ratio Lower Upper
95 100
174 92.9 0.0 201.8
176 91.0 0.0 191.8



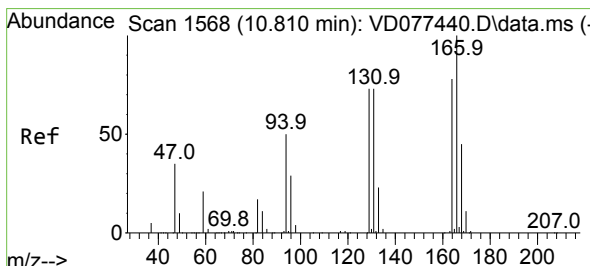
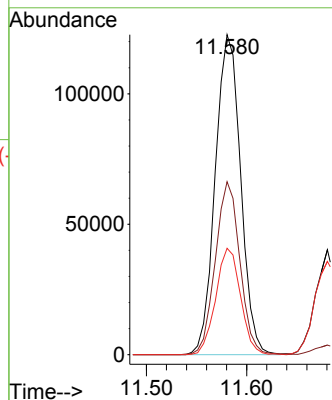
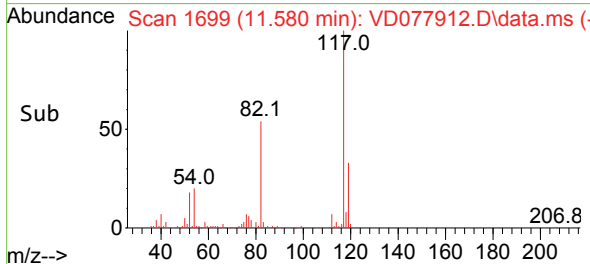


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Instrument :
MSVOA_D
ClientSampleId :

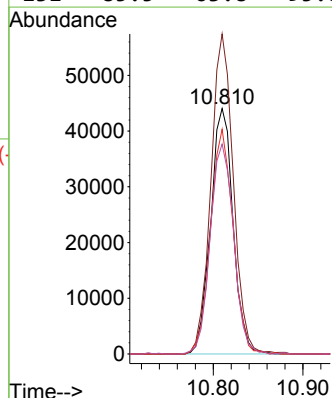
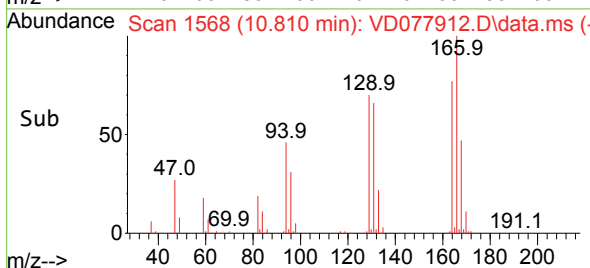
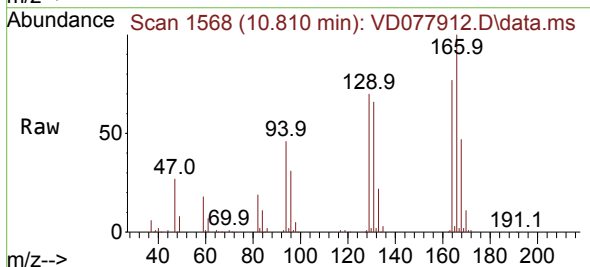


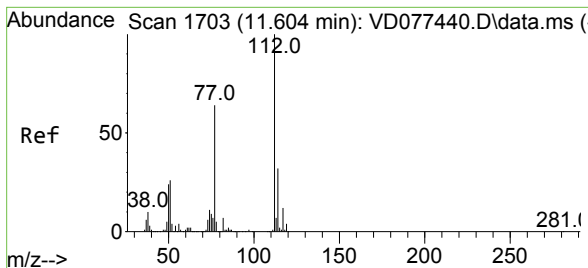
Tgt Ion:117 Resp: 215780
Ion Ratio Lower Upper
117 100
82 54.1 38.3 57.5
119 33.3 25.0 37.4



#64
Tetrachloroethene
Concen: 48.345 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion:164 Resp: 76673
Ion Ratio Lower Upper
164 100
166 130.4 99.2 148.8
129 91.6 68.4 102.6
131 85.5 63.8 95.8





#65

Chlorobenzene

Concen: 48.778 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

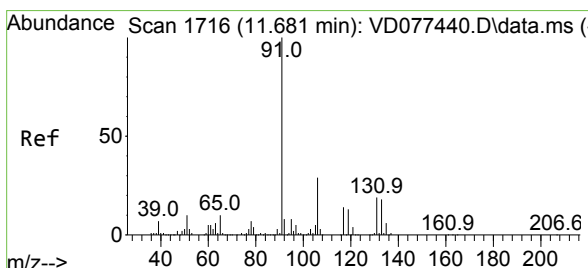
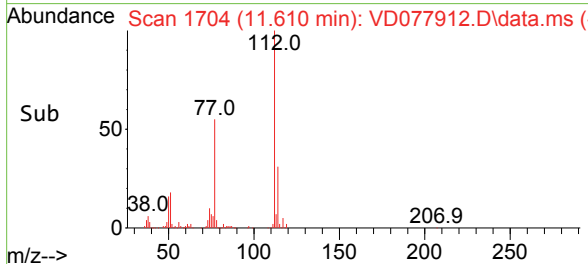
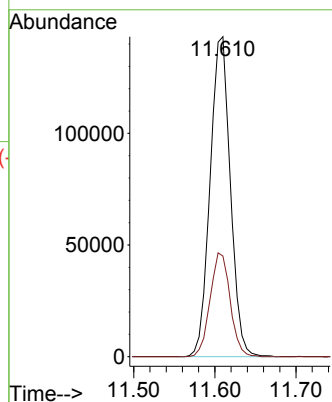
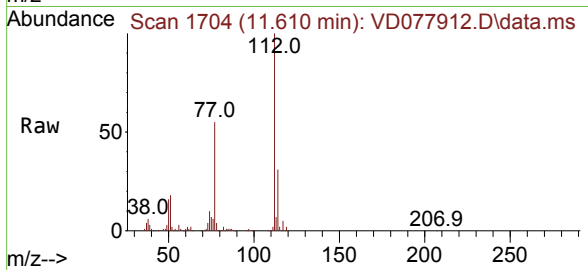
ClientSampleId :

Tgt Ion:112 Resp: 248345

Ion Ratio Lower Upper

112 100

114 31.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 50.730 ug/l

RT: 11.680 min Scan# 1716

Delta R.T. -0.001 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

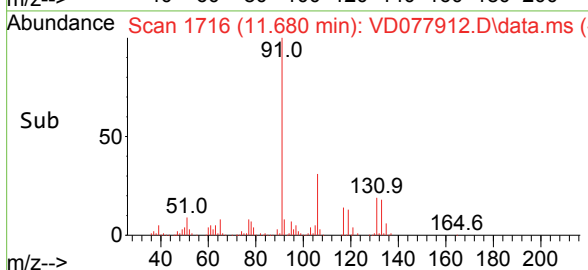
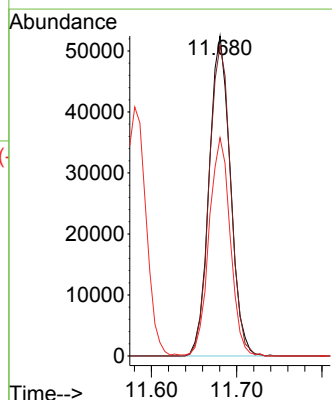
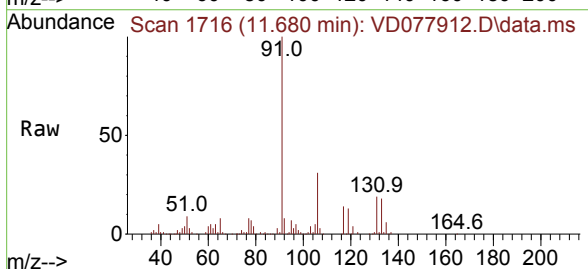
Tgt Ion:131 Resp: 91028

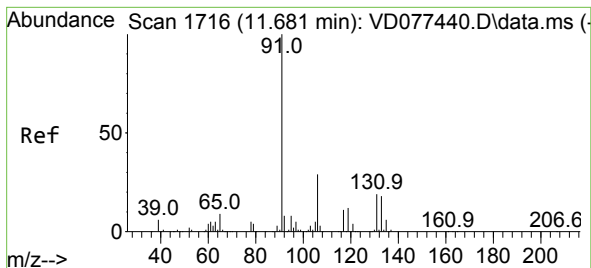
Ion Ratio Lower Upper

131 100

133 98.0 48.5 145.5

119 67.8 35.6 106.9





#67

Ethyl Benzene

Concen: 49.897 ug/l

RT: 11.680 min Scan# 1716

Delta R.T. -0.001 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

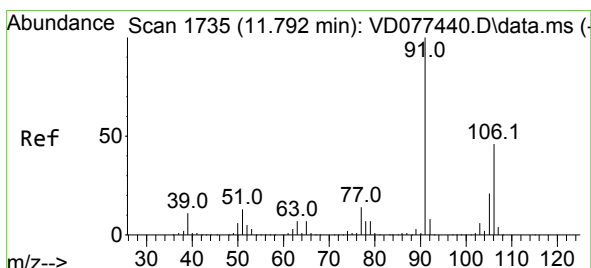
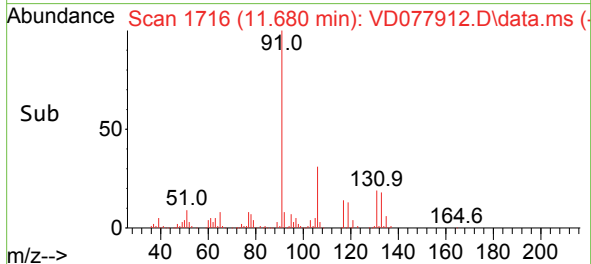
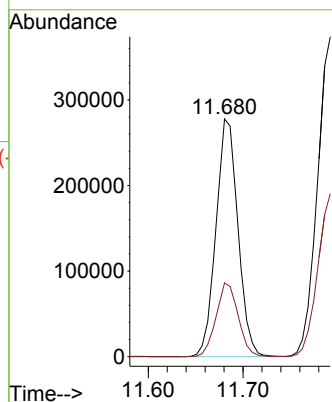
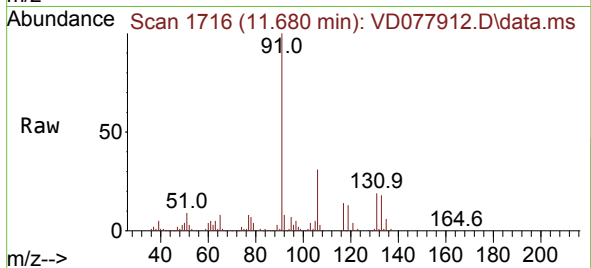
ClientSampleId :

Tgt Ion: 91 Resp: 448250

Ion Ratio Lower Upper

91 100

106 31.1 26.5 39.7



#68

m/p-Xylenes

Concen: 102.303 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077912.D

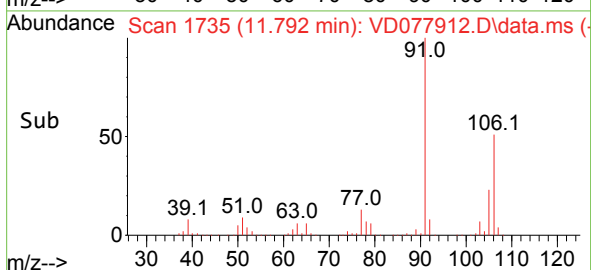
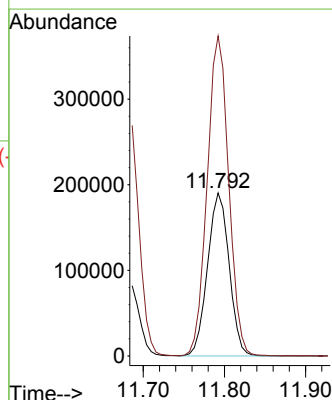
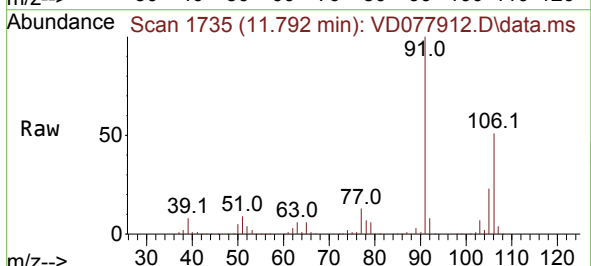
Acq: 15 Dec 2023 19:05

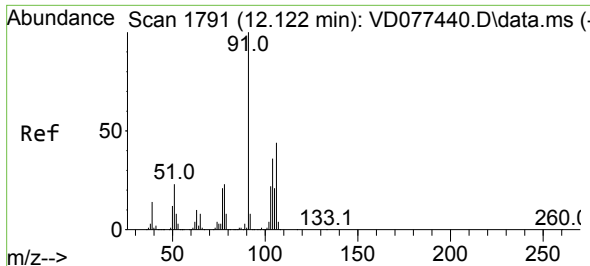
Tgt Ion:106 Resp: 351540

Ion Ratio Lower Upper

106 100

91 195.5 147.0 220.6

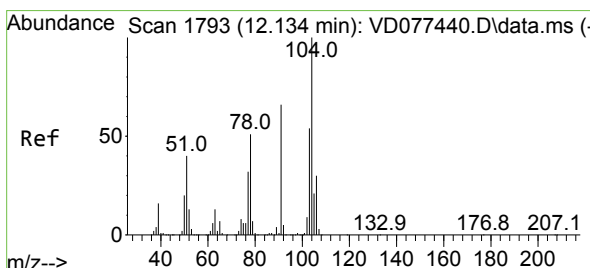
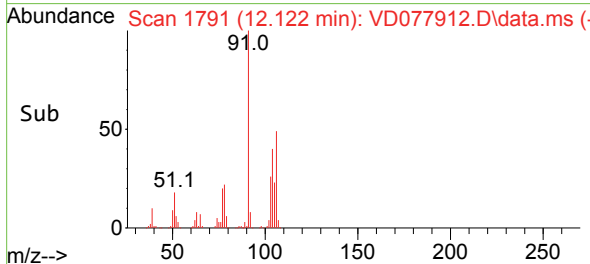
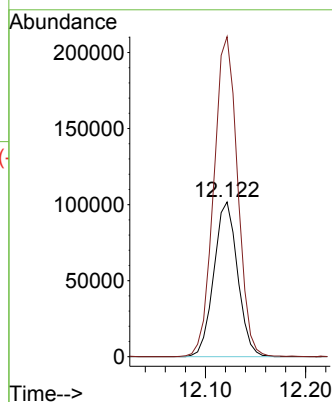
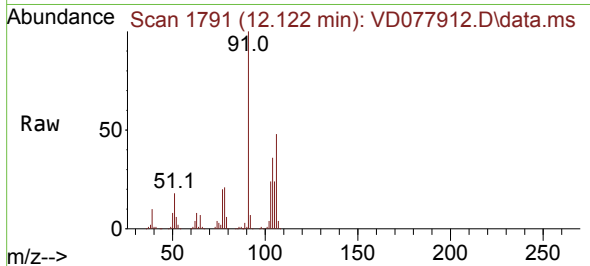




#69
o-Xylene
Concen: 52.694 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

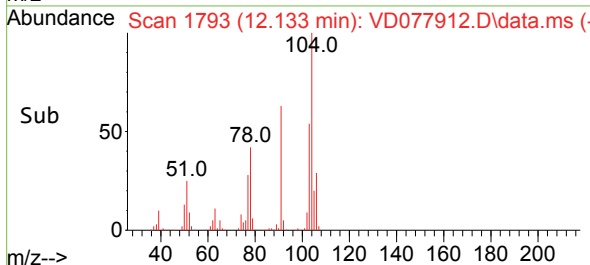
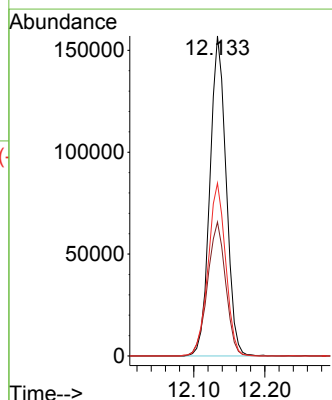
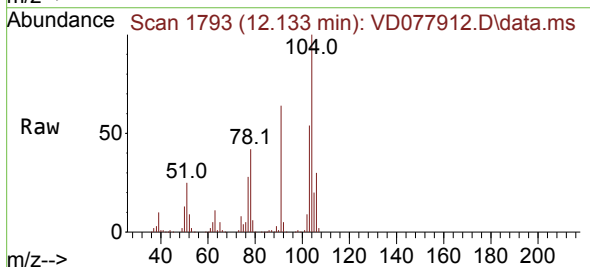
Instrument :
MSVOA_D
ClientSampleId :

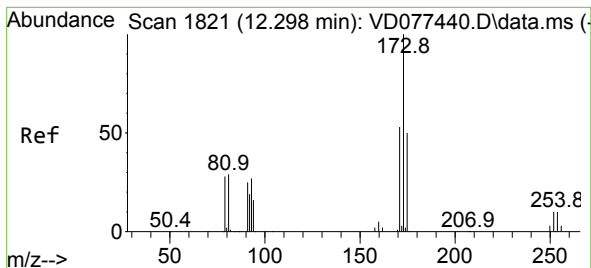
Tgt Ion:106 Resp: 166879
Ion Ratio Lower Upper
106 100
91 207.8 97.9 293.6



#70
Styrene
Concen: 53.112 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion:104 Resp: 250106
Ion Ratio Lower Upper
104 100
78 46.6 33.2 49.8
103 58.0 43.6 65.4





#71

Bromoform

Concen: 52.979 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077912.D

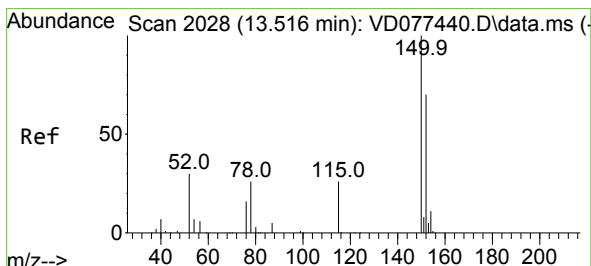
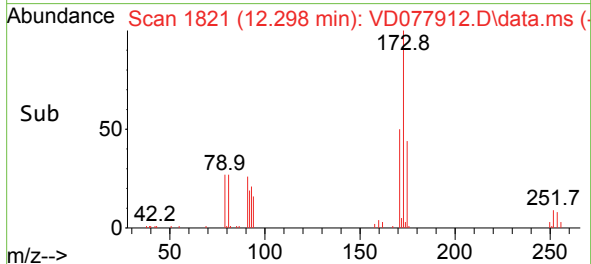
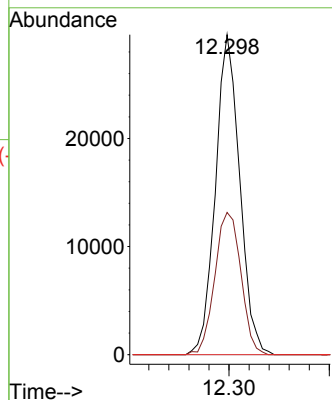
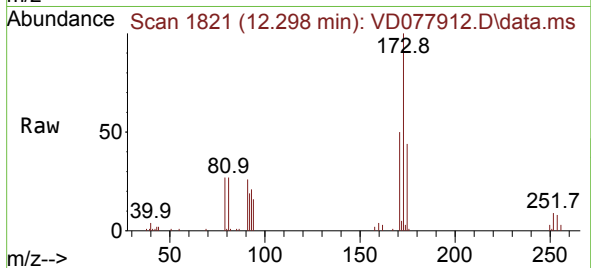
Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	49671
Ion Ratio	Lower	Upper
173	100	
175	47.8	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

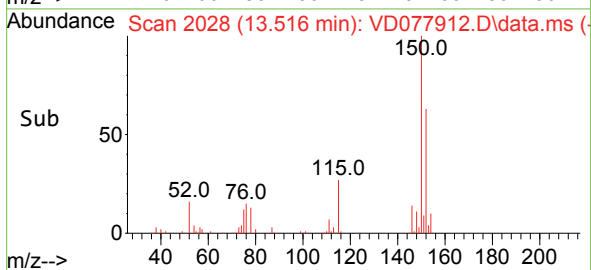
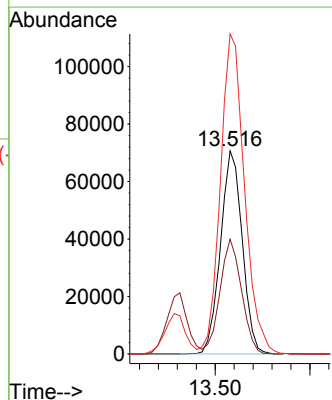
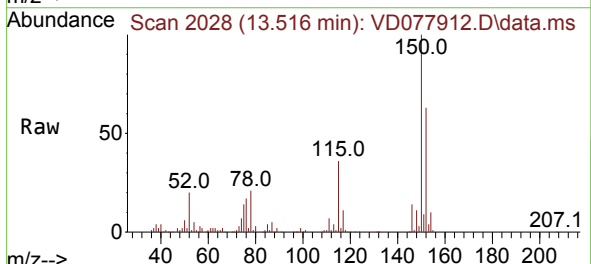
RT: 13.516 min Scan# 2028

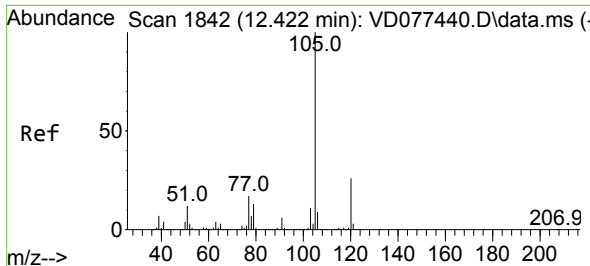
Delta R.T. -0.000 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Tgt Ion:152	Resp:	112711
Ion Ratio	Lower	Upper
152	100	
115	55.9	27.1 81.3
150	174.3	0.0 353.6

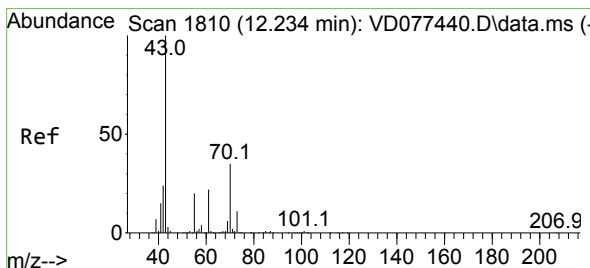
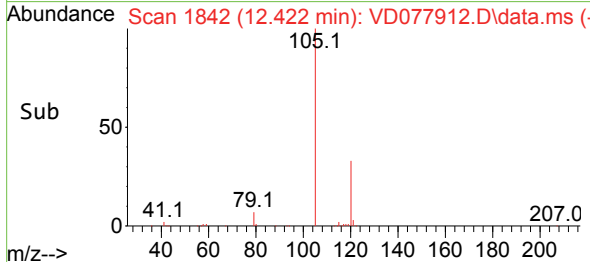
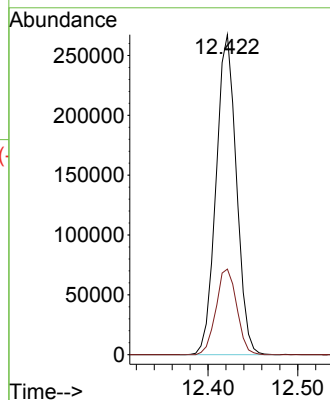
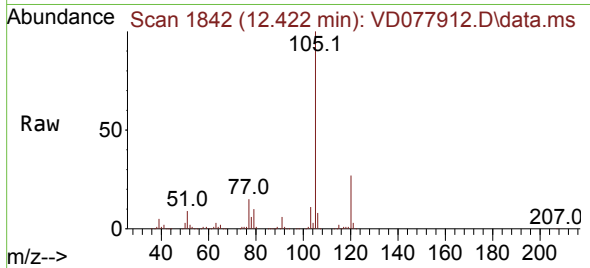




#73
Isopropylbenzene
Concen: 49.203 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

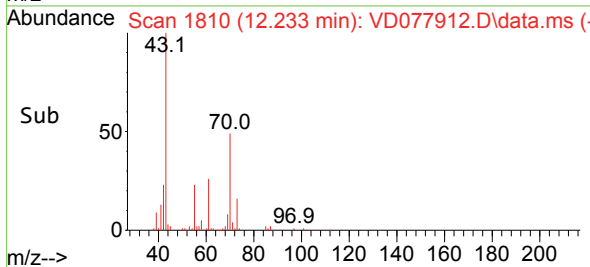
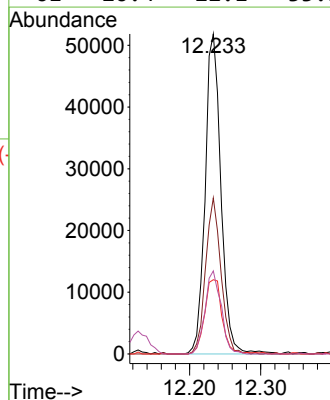
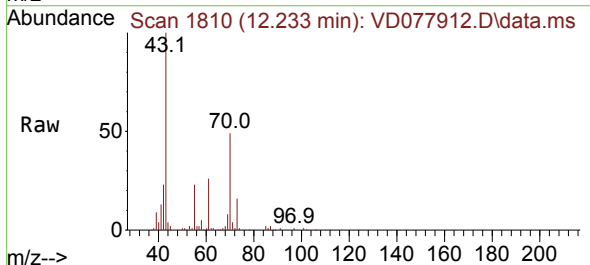
Instrument :
MSVOA_D
ClientSampleId :

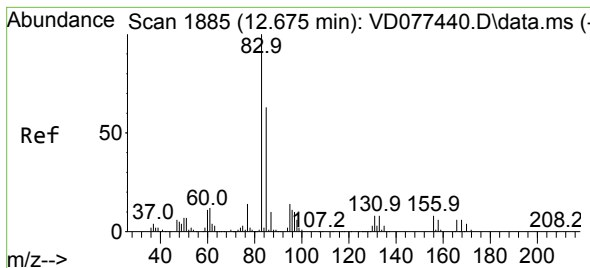
Tgt Ion:105 Resp: 420314
Ion Ratio Lower Upper
105 100
120 27.3 14.3 42.9



#74
N-ethyl acetate
Concen: 47.875 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion: 43 Resp: 80392
Ion Ratio Lower Upper
43 100
70 47.6 45.0 67.4
55 25.7 23.8 35.6
61 26.4 22.1 33.1

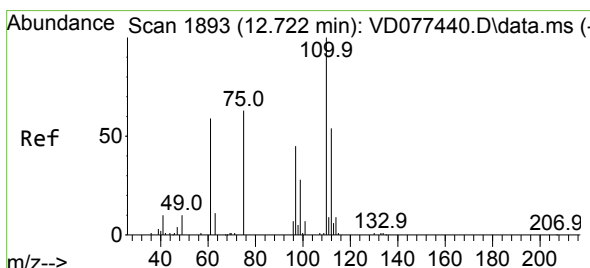
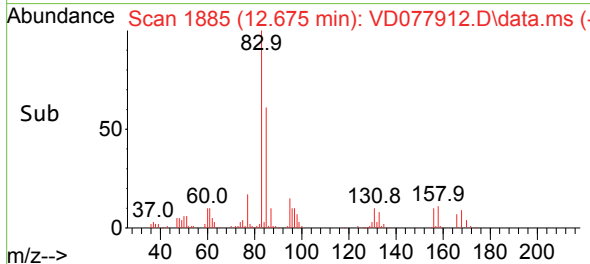
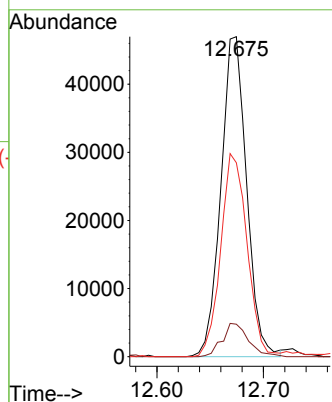
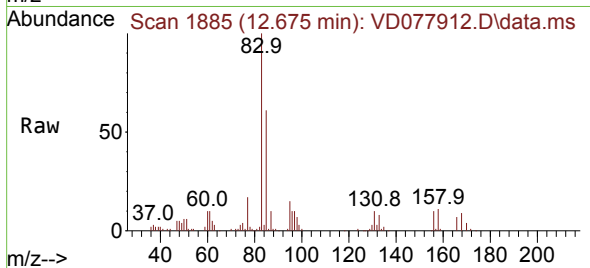




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.856 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.001 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

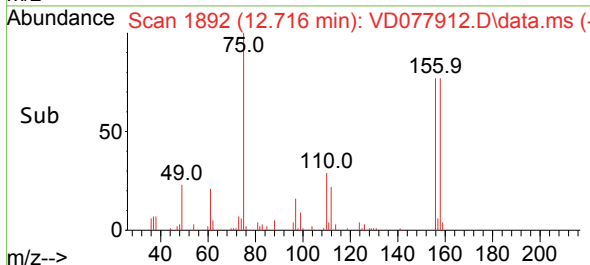
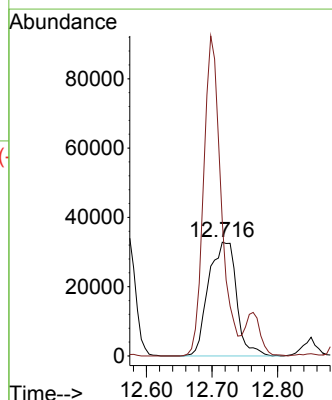
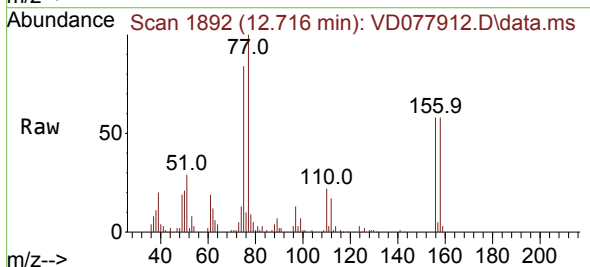
Instrument :
 MSVOA_D
 ClientSampleId :

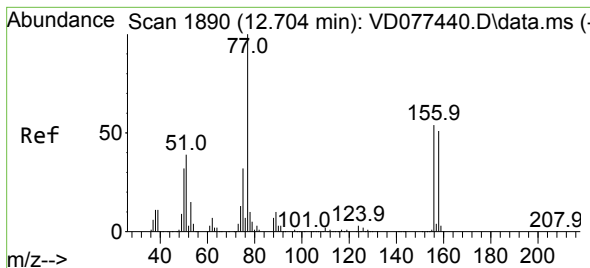
Tgt Ion: 83 Resp: 78729
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.3
 85 64.9 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 99.257 ug/l
 RT: 12.716 min Scan# 1892
 Delta R.T. -0.006 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

Tgt Ion: 75 Resp: 97163
 Ion Ratio Lower Upper
 75 100
 77 176.6 0.0 0.0#





#77

Bromobenzene

Concen: 50.916 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

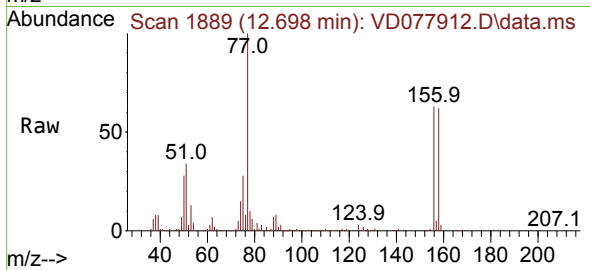
Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :



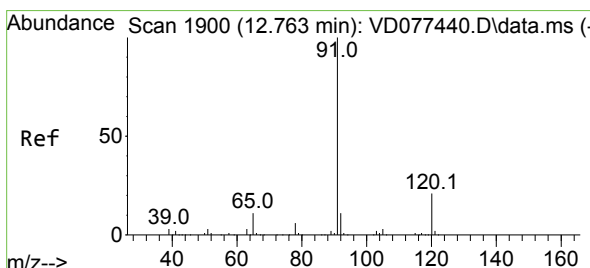
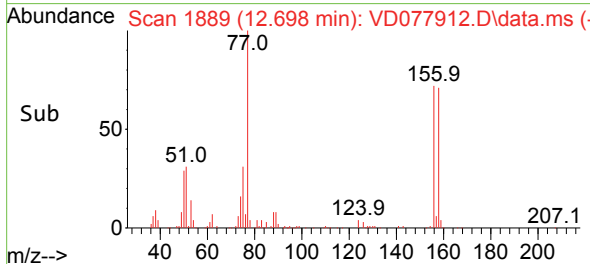
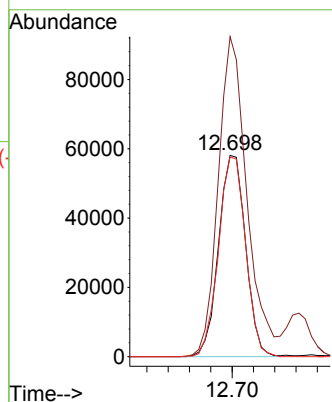
Tgt Ion:156 Resp: 102306

Ion Ratio Lower Upper

156 100

77 167.7 76.8 230.4

158 99.4 48.6 145.9



#78

n-propylbenzene

Concen: 49.063 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD077912.D

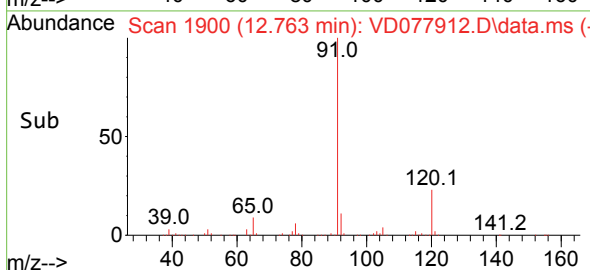
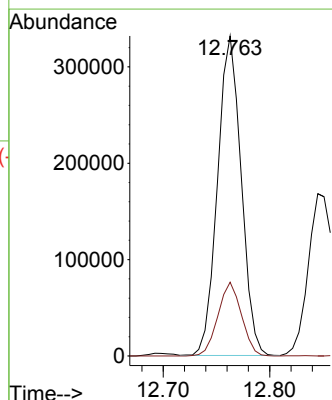
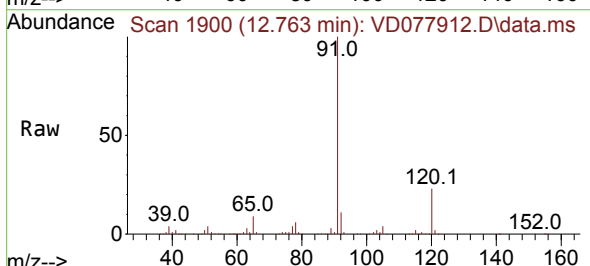
Acq: 15 Dec 2023 19:05

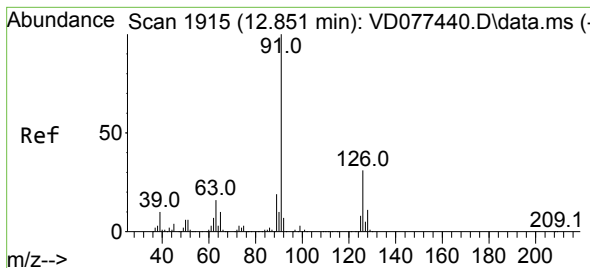
Tgt Ion: 91 Resp: 510716

Ion Ratio Lower Upper

91 100

120 22.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 50.320 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

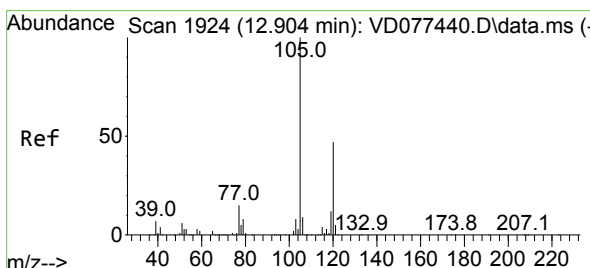
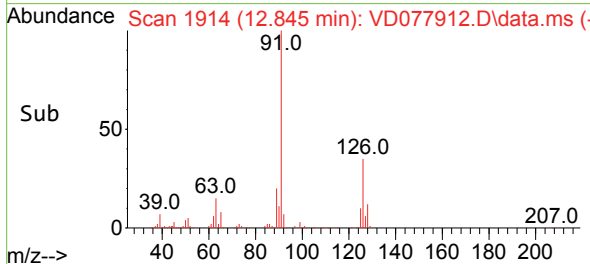
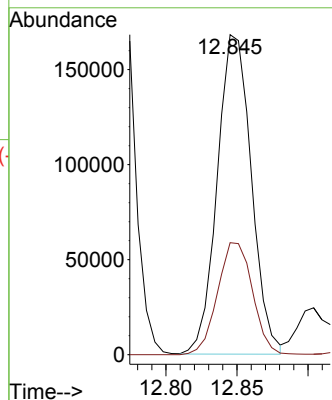
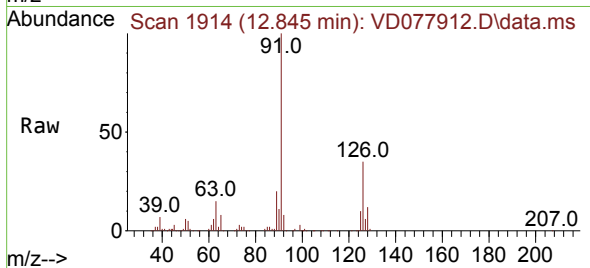
ClientSampleId :

Tgt Ion: 91 Resp: 280708

Ion Ratio Lower Upper

91 100

126 36.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 49.876 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD077912.D

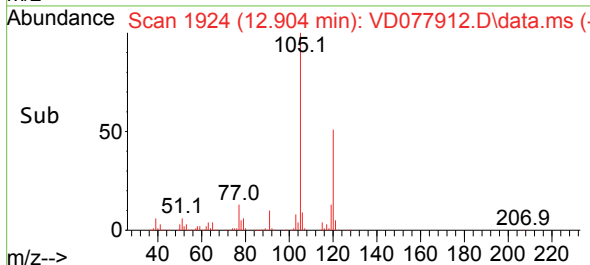
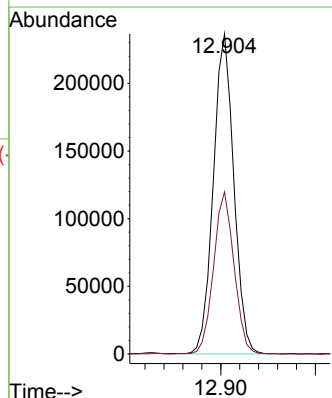
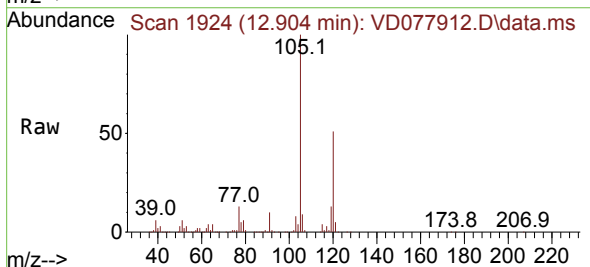
Acq: 15 Dec 2023 19:05

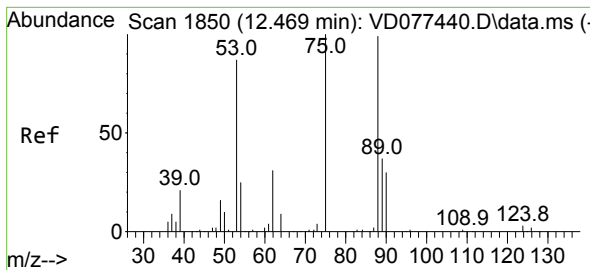
Tgt Ion:105 Resp: 355355

Ion Ratio Lower Upper

105 100

120 50.6 26.4 79.2

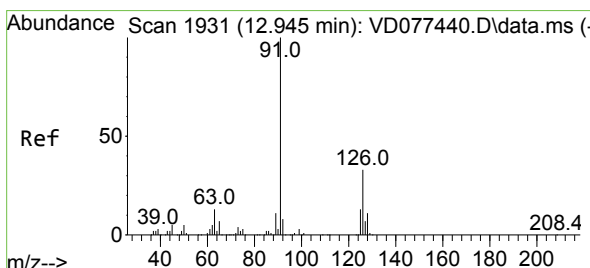
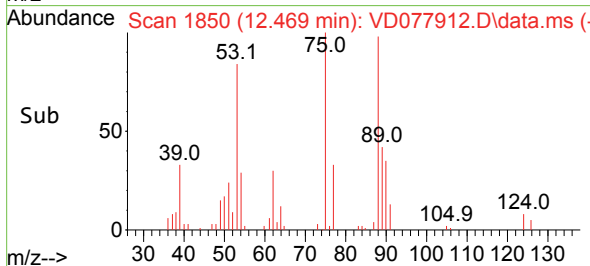
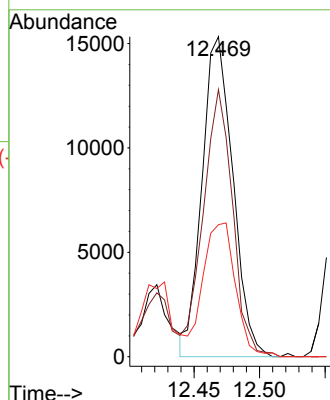
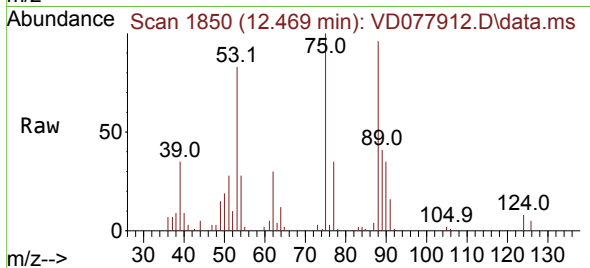




#81
trans-1,4-Dichloro-2-butene
Concen: 51.890 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

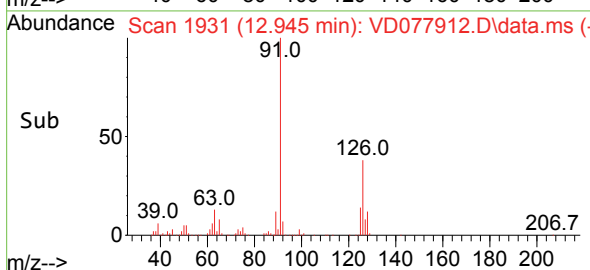
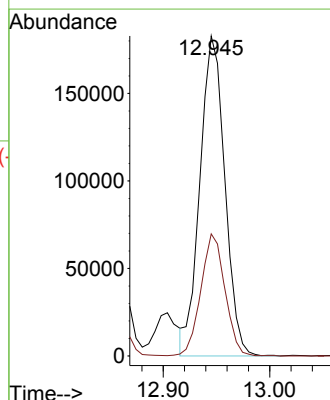
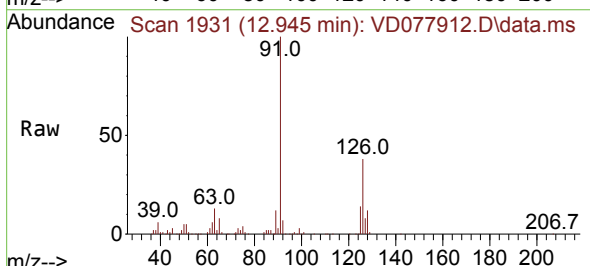
Instrument :
MSVOA_D
ClientSampleId :

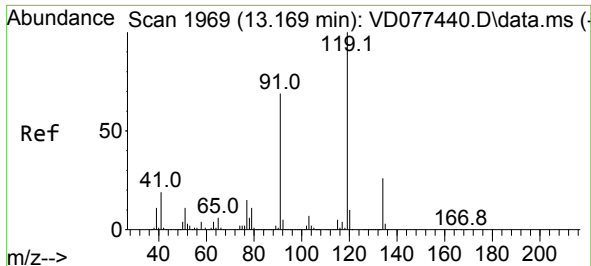
Tgt Ion: 75 Resp: 25071
Ion Ratio Lower Upper
75 100
53 79.6 63.0 94.4
89 43.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.979 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion: 91 Resp: 297300
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.4

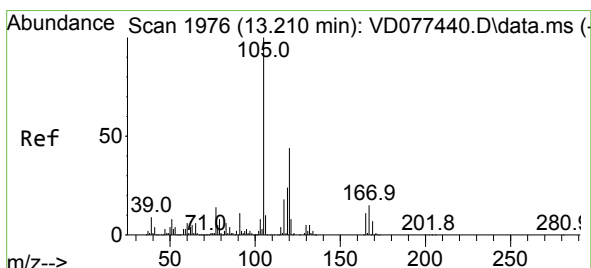
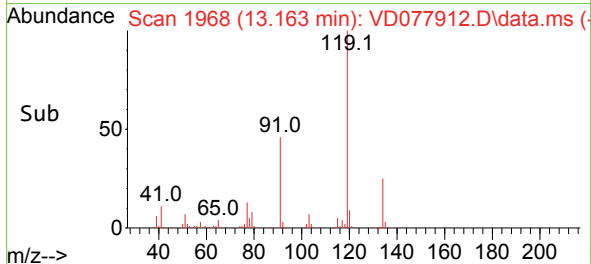
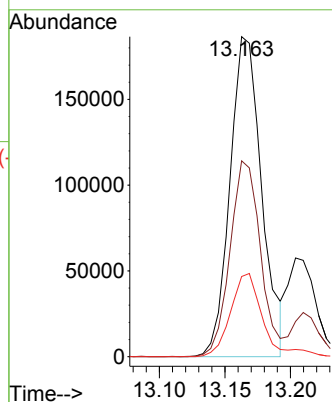
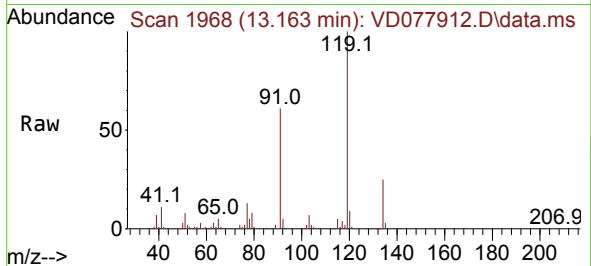




#83
tert-Butylbenzene
Concen: 52.344 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

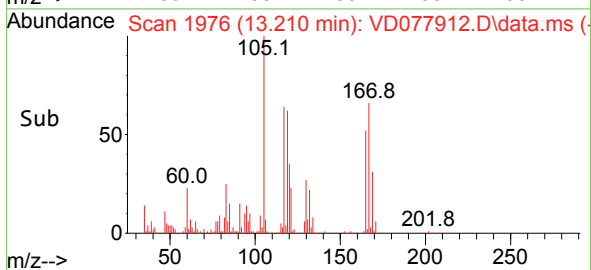
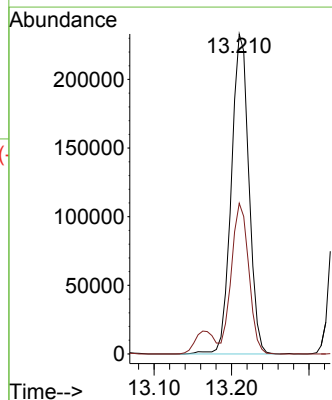
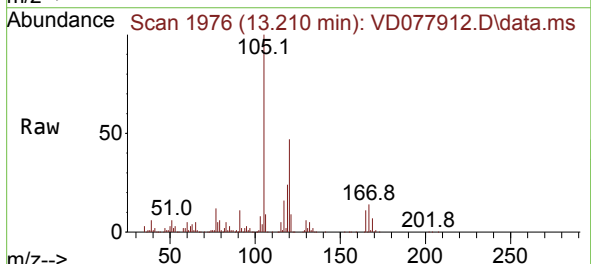
Instrument :
MSVOA_D
ClientSampleId :

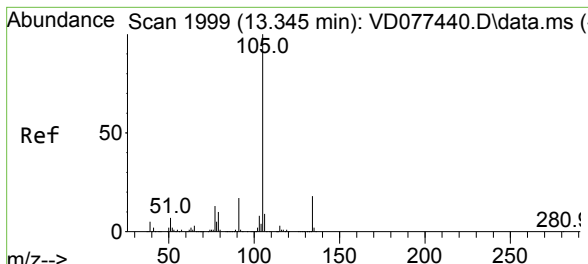
Tgt Ion:119 Resp: 314846
Ion Ratio Lower Upper
119 100
91 58.6 29.3 87.8
134 26.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 51.591 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion:105 Resp: 367646
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.9

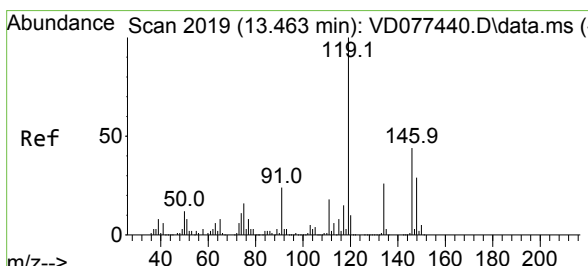
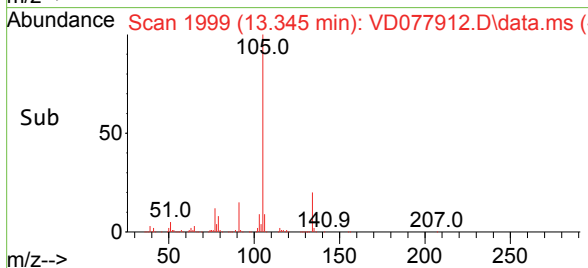
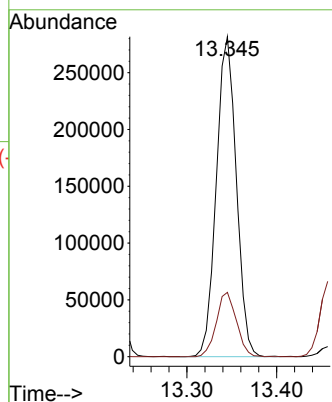
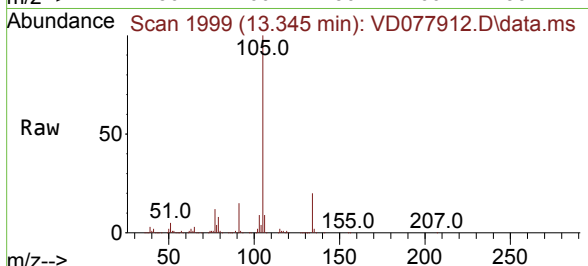




#85
 sec-Butylbenzene
 Concen: 48.944 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

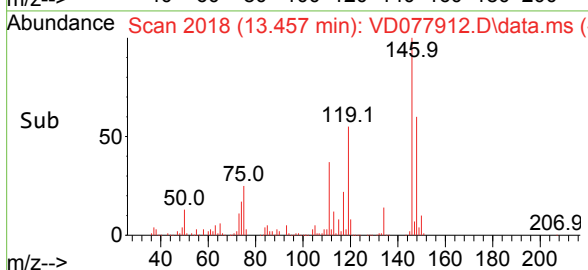
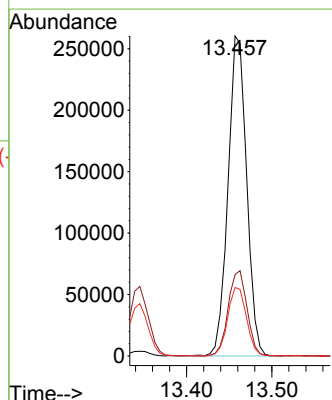
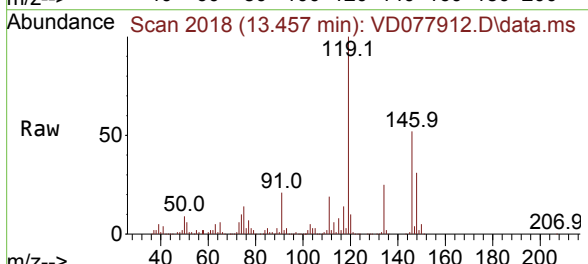
Instrument :
 MSVOA_D
 ClientSampleId :

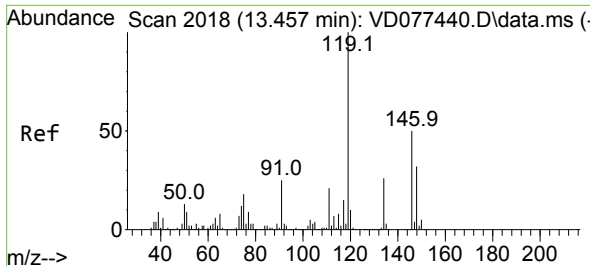
Tgt Ion:105 Resp: 435162
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 49.665 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077912.D
 Acq: 15 Dec 2023 19:05

Tgt Ion:119 Resp: 395352
 Ion Ratio Lower Upper
 119 100
 134 27.0 14.2 42.6
 91 21.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 50.722 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :

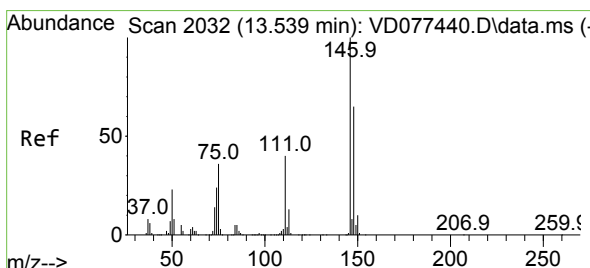
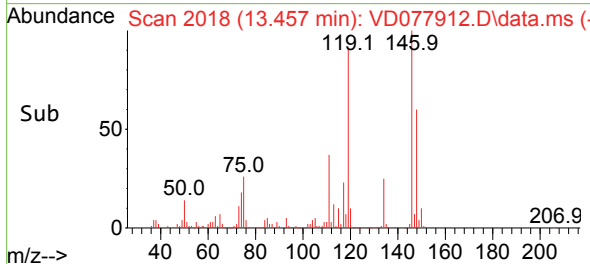
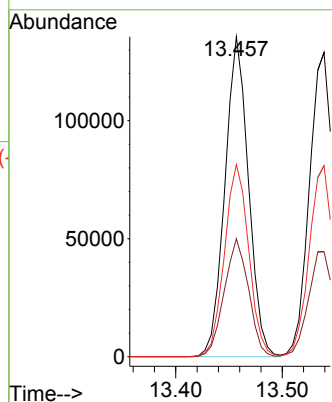
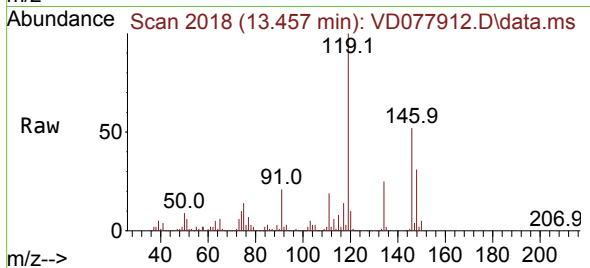
Tgt Ion:146 Resp: 208417

Ion Ratio Lower Upper

146 100

111 38.0 17.9 53.8

148 61.9 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 50.438 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

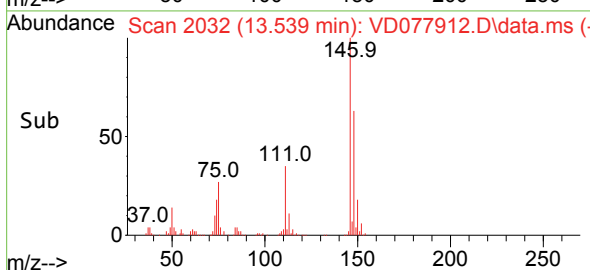
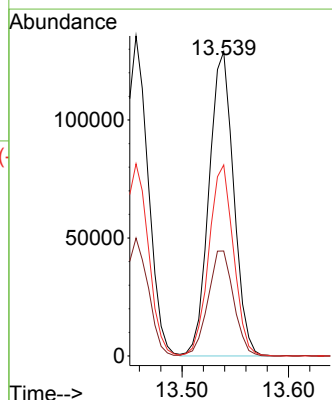
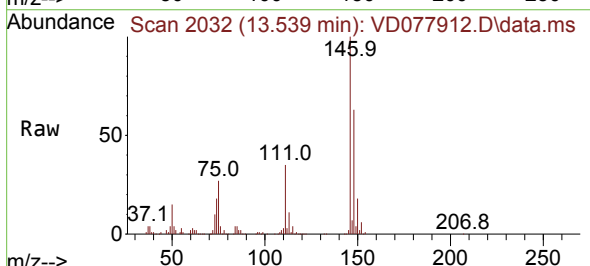
Tgt Ion:146 Resp: 206805

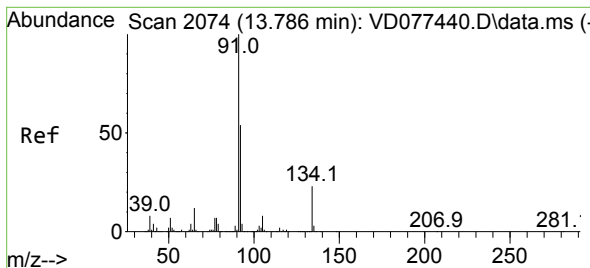
Ion Ratio Lower Upper

146 100

111 35.8 17.4 52.3

148 62.9 31.7 95.1





#89

n-Butylbenzene

Concen: 47.519 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :

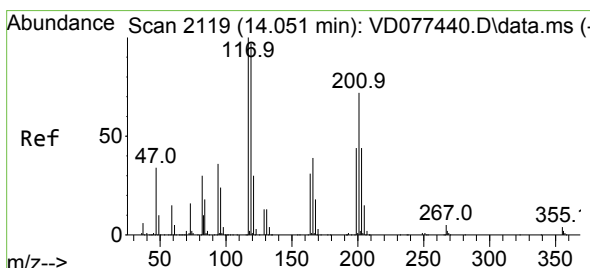
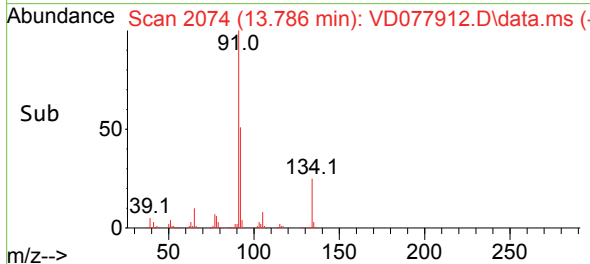
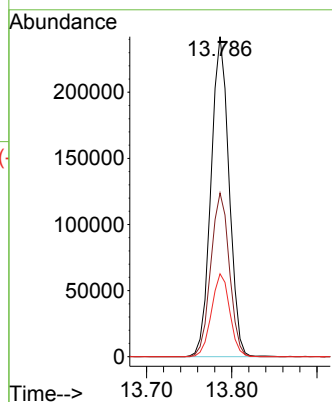
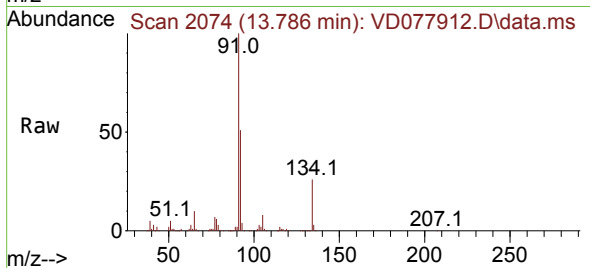
Tgt Ion: 91 Resp: 355930

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

134 26.3 13.8 41.3



#90

Hexachloroethane

Concen: 51.669 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD077912.D

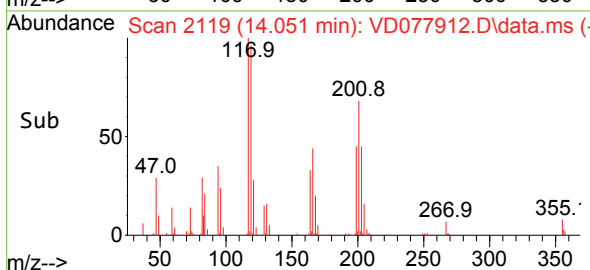
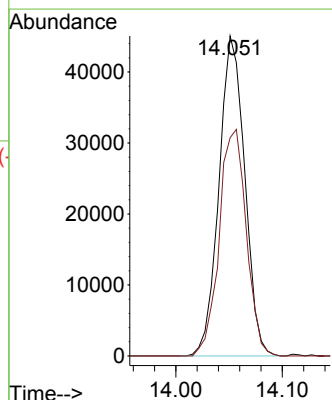
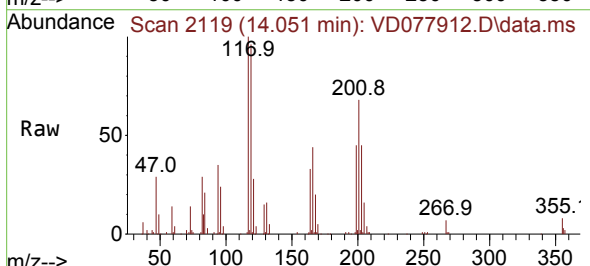
Acq: 15 Dec 2023 19:05

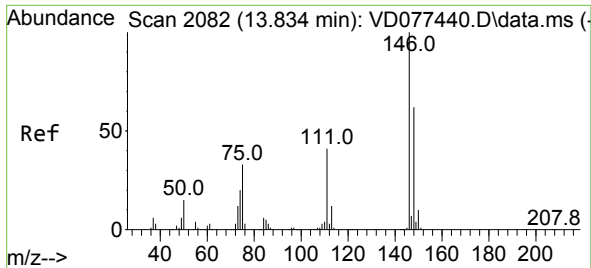
Tgt Ion: 117 Resp: 75641

Ion Ratio Lower Upper

117 100

201 74.5 38.5 115.5

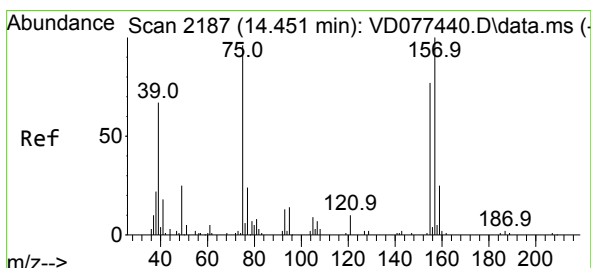
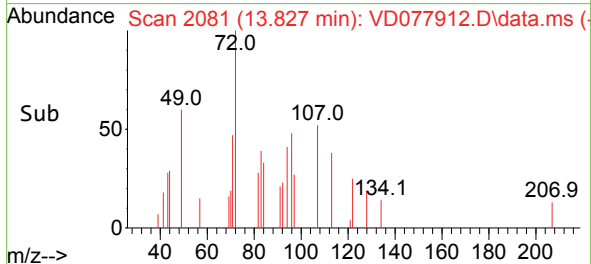
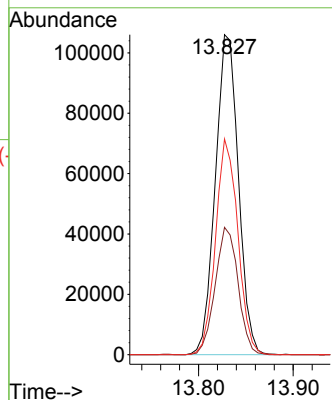
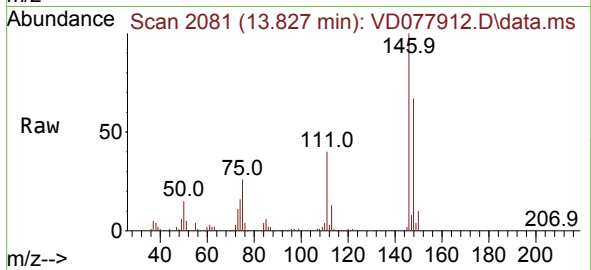




#91
1,2-Dichlorobenzene
Concen: 51.443 ug/l
RT: 13.827 min Scan# 2081
Delta R.T. -0.007 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

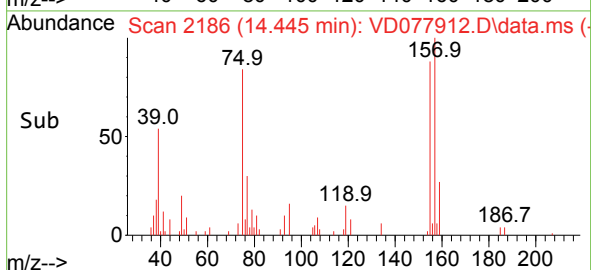
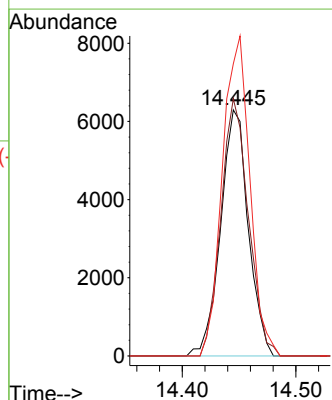
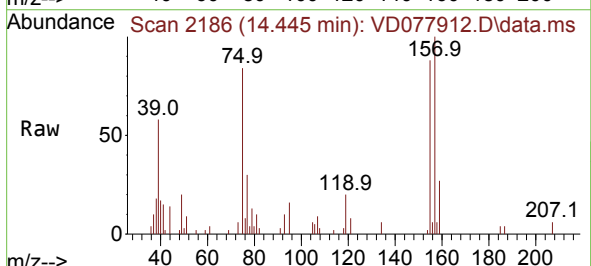
Instrument :
MSVOA_D
ClientSampleId :

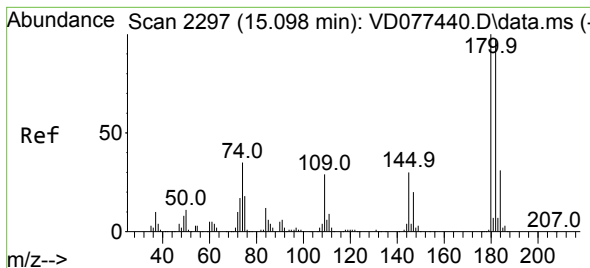
Tgt Ion:146 Resp: 179775
Ion Ratio Lower Upper
146 100
111 39.5 18.3 54.8
148 65.0 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.276 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion: 75 Resp: 10635
Ion Ratio Lower Upper
75 100
155 104.6 47.9 143.8
157 129.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 47.336 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

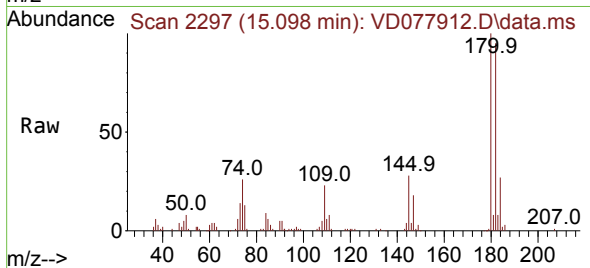
Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :



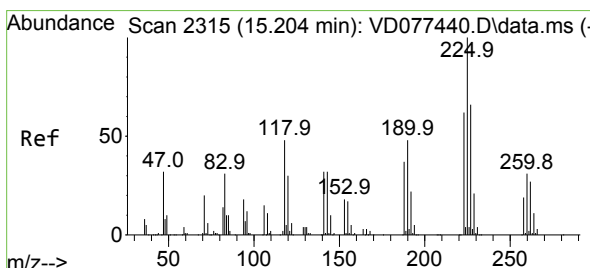
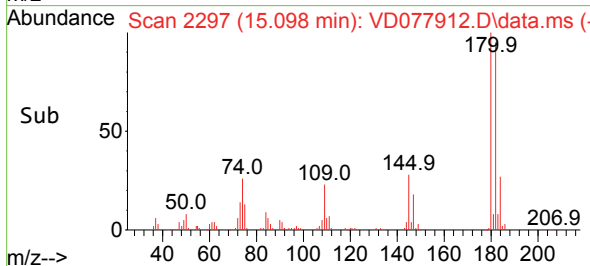
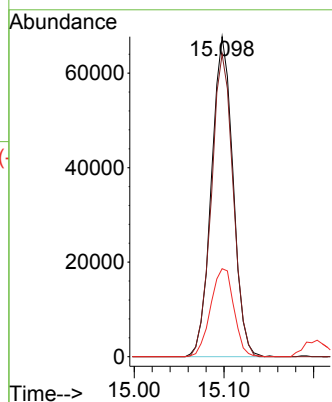
Tgt Ion:180 Resp: 112993

Ion Ratio Lower Upper

180 100

182 95.3 48.5 145.6

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 43.692 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077912.D

Acq: 15 Dec 2023 19:05

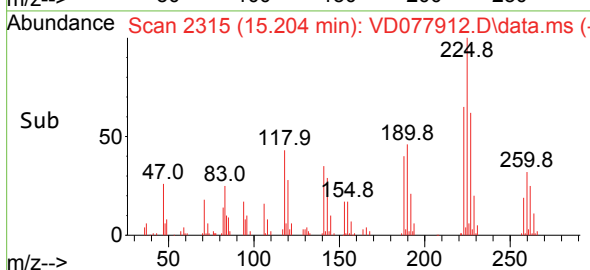
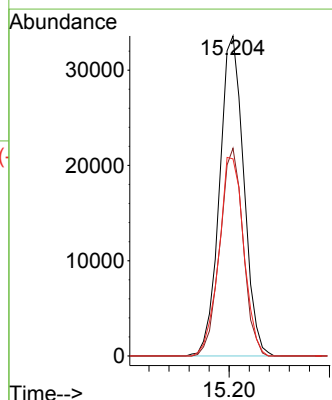
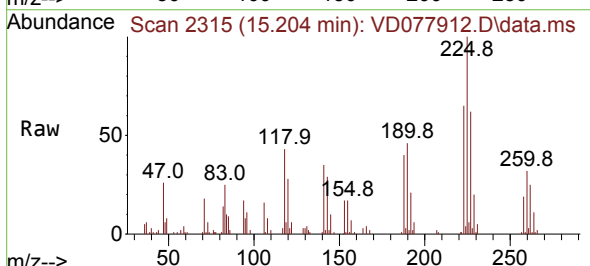
Tgt Ion:225 Resp: 56240

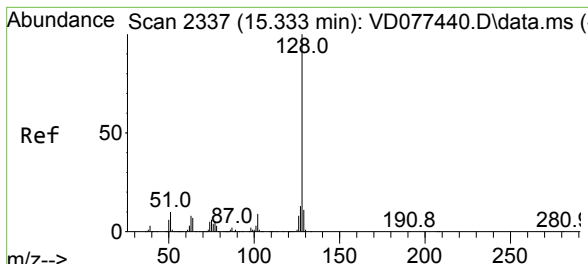
Ion Ratio Lower Upper

225 100

223 62.2 31.6 94.8

227 63.7 31.7 95.1

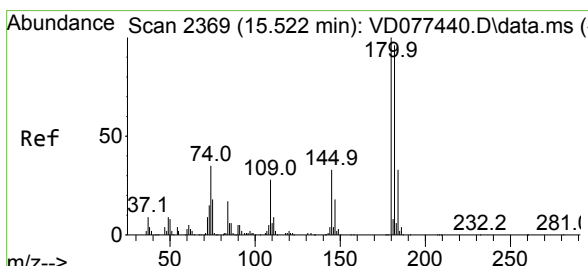
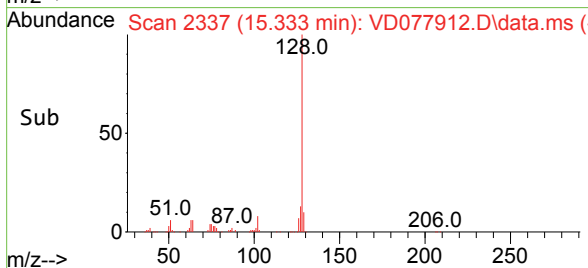
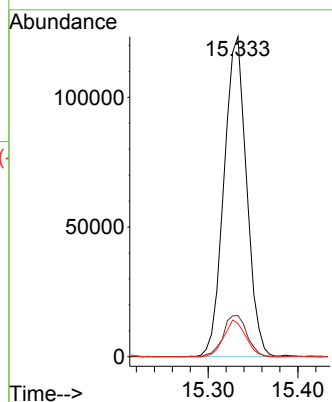
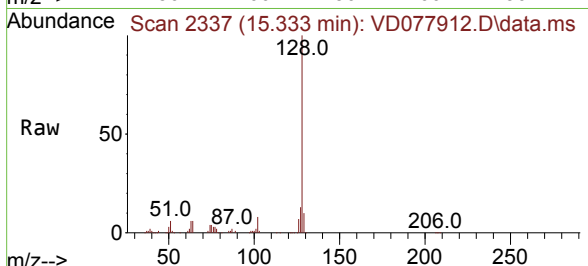




#95
Naphthalene
Concen: 54.388 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 215705
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.725 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.001 min
Lab File: VD077912.D
Acq: 15 Dec 2023 19:05

Tgt Ion:180 Resp: 97854
Ion Ratio Lower Upper
180 100
182 97.8 47.3 141.9
145 30.5 15.1 45.3

