

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077470.D
 Acq On : 31 Oct 2023 19:53
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 01 06:11:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	239418	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	433575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	394142	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	177041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	178292	52.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.320%	
35) Dibromofluoromethane	7.805	113	153959	51.376	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.760%	
50) Toluene-d8	10.269	98	608335	52.263	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	12.575	95	199110	50.788	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.580%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	91298	47.292	ug/l	95
3) Chloromethane	2.152	50	180070	58.752	ug/l	98
4) Vinyl Chloride	2.287	62	182993	61.227	ug/l	99
5) Bromomethane	2.693	94	105907	67.623	ug/l	97
6) Chloroethane	2.840	64	124970	62.105	ug/l	98
7) Trichlorofluoromethane	3.181	101	213856	51.095	ug/l	99
8) Diethyl Ether	3.593	74	82277	54.687	ug/l #	49
9) 1,1,2-Trichlorotrifluo...	3.969	101	127333	50.394	ug/l	94
10) Methyl Iodide	4.164	142	162242	50.790	ug/l	91
11) Tert butyl alcohol	5.058	59	59235	220.881	ug/l	97
12) 1,1-Dichloroethene	3.946	96	124684	52.123	ug/l #	67
13) Acrolein	3.799	56	80573	227.836	ug/l	97
14) Allyl chloride	4.564	41	312928	54.227	ug/l #	82
15) Acrylonitrile	5.252	53	217972	268.009	ug/l	98
16) Acetone	4.022	43	175264	195.642	ug/l #	76
17) Carbon Disulfide	4.275	76	380442	51.443	ug/l	99
18) Methyl Acetate	4.564	43	182269	55.779	ug/l #	76
19) Methyl tert-butyl Ether	5.322	73	391179	52.097	ug/l	92
20) Methylene Chloride	4.805	84	177226	52.757	ug/l #	64
21) trans-1,2-Dichloroethene	5.316	96	148661	53.362	ug/l #	67
22) Diisopropyl ether	6.216	45	667063	54.388	ug/l #	88
23) Vinyl Acetate	6.158	43	1650884	312.004	ug/l #	81
24) 1,1-Dichloroethane	6.111	63	341394	53.645	ug/l	93
25) 2-Butanone	7.081	43	291766	244.174	ug/l #	73
26) 2,2-Dichloropropane	7.081	77	274950	48.752	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	184940	53.583	ug/l	71
28) Bromochloromethane	7.428	49	159753	55.145	ug/l #	52
29) Tetrahydrofuran	7.440	42	184304	260.064	ug/l #	70
30) Chloroform	7.599	83	312278	52.554	ug/l	92
31) Cyclohexane	7.875	56	276918	52.324	ug/l #	75
32) 1,1,1-Trichloroethane	7.793	97	250088	51.083	ug/l	94
36) 1,1-Dichloropropene	8.010	75	231306	52.060	ug/l	92
37) Ethyl Acetate	7.169	43	130666	51.245	ug/l #	89
38) Carbon Tetrachloride	7.993	117	205312	49.037	ug/l	100
39) Methylcyclohexane	9.275	83	264559	52.186	ug/l #	80
40) Benzene	8.252	78	676378	53.386	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	89934	55.122	ug/l #	68
42) 1,2-Dichloroethane	8.328	62	208405	51.935	ug/l	90
43) Isopropyl Acetate	8.357	43	267835	50.901	ug/l #	79
44) Trichloroethene	9.028	130	155843	50.216	ug/l	88
45) 1,2-Dichloropropane	9.304	63	198456	53.205	ug/l	100
46) Dibromomethane	9.393	93	90101	50.195	ug/l	89
47) Bromodichloromethane	9.587	83	238111	50.186	ug/l	98
48) Methyl methacrylate	9.381	41	130511	51.961	ug/l #	64
49) 1,4-Dioxane	9.387	88	18702	969.608	ug/l #	58
51) 4-Methyl-2-Pentanone	10.157	43	652727	252.019	ug/l #	81
52) Toluene	10.334	92	401653	52.003	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	255022	50.761	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	299438	51.794	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	121344	50.668	ug/l	94
56) Ethyl methacrylate	10.599	69	182930	51.374	ug/l #	63
57) 1,3-Dichloropropane	10.881	76	231840	51.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	501756	281.470	ug/l #	83
59) 2-Hexanone	10.922	43	441263	231.275	ug/l	78
60) Dibromochloromethane	11.075	129	142998	49.657	ug/l	96
61) 1,2-Dibromoethane	11.181	107	114949	50.684	ug/l	99
64) Tetrachloroethene	10.810	164	118898	47.382	ug/l	90
65) Chlorobenzene	11.610	112	408265	49.443	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	150640	48.277	ug/l	97
67) Ethyl Benzene	11.687	91	795718	50.084	ug/l	93
68) m/p-Xylenes	11.793	106	569673	99.294	ug/l	78
69) o-Xylene	12.122	106	275845	50.196	ug/l	79
70) Styrene	12.134	104	477074	50.322	ug/l #	90
71) Bromoform	12.298	173	80707	46.653	ug/l #	98
73) Isopropylbenzene	12.422	105	720817	49.938	ug/l	94
74) N-amyl acetate	12.234	43	250076	48.913	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	139403	49.269	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	190969	88.627	ug/l #	100
77) Bromobenzene	12.698	156	155607	48.977	ug/l	69
78) n-propylbenzene	12.763	91	919939	50.194	ug/l	92
79) 2-Chlorotoluene	12.851	91	516777	49.799	ug/l	87
80) 1,3,5-Trimethylbenzene	12.904	105	595863	49.198	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	53060	47.566	ug/l #	85
82) 4-Chlorotoluene	12.945	91	533368	49.343	ug/l	88
83) tert-Butylbenzene	13.169	119	504216	49.516	ug/l	89
84) 1,2,4-Trimethylbenzene	13.210	105	604936	50.280	ug/l	91
85) sec-Butylbenzene	13.345	105	775005	49.742	ug/l	94
86) p-Isopropyltoluene	13.463	119	636596	50.267	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	307351	49.213	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	306075	49.053	ug/l	96
89) n-Butylbenzene	13.787	91	650872	49.448	ug/l	96
90) Hexachloroethane	14.057	117	123527	47.666	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	269270	49.061	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	22242	46.662	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	178495	47.340	ug/l	98
94) Hexachlorobutadiene	15.204	225	94626	46.526	ug/l	99
95) Naphthalene	15.334	128	352432	48.998	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	158984	48.848	ug/l	97

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QLast Update : Tue Oct 31 04:19:17 2023
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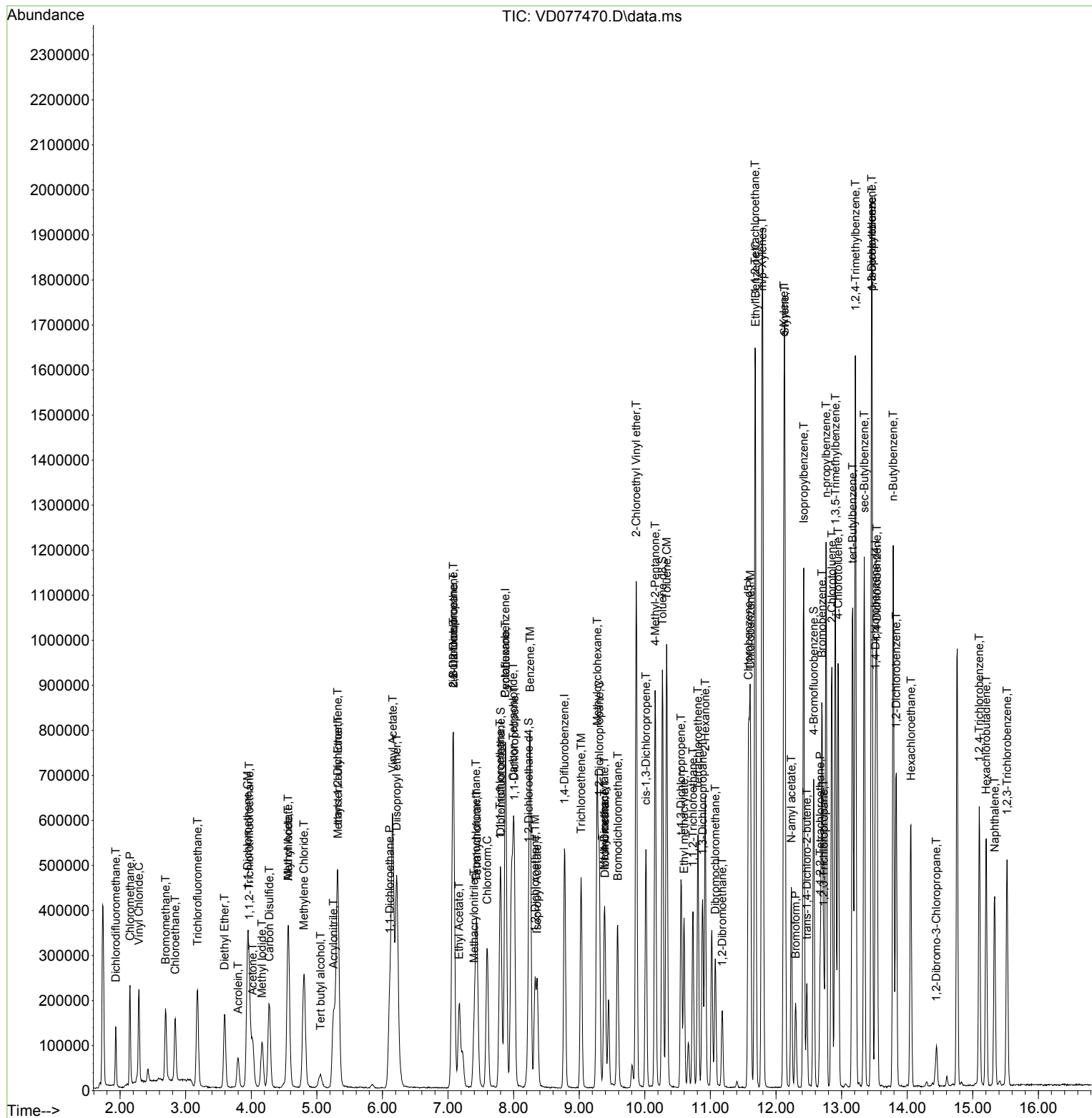
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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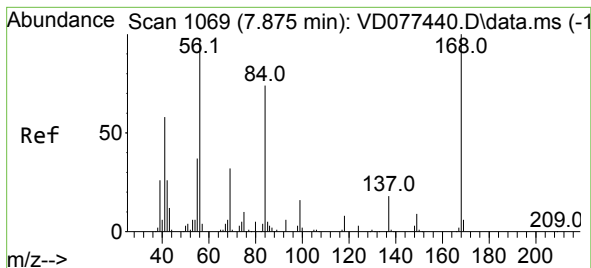
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

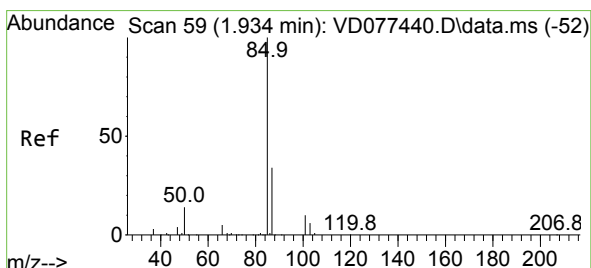
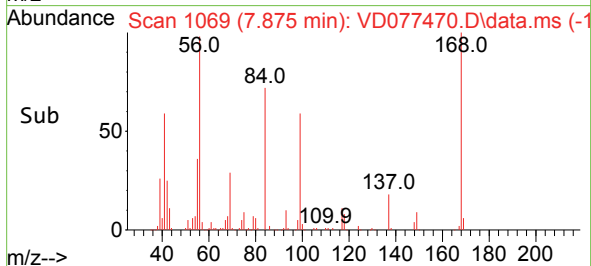
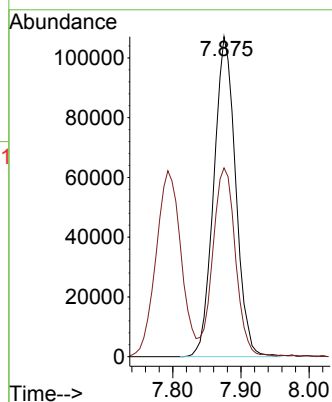
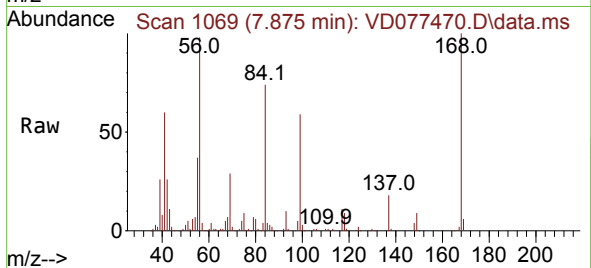
ClientSampleId :

Tgt Ion:168 Resp: 239418

Ion Ratio Lower Upper

168 100

99 58.5 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 47.292 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077470.D

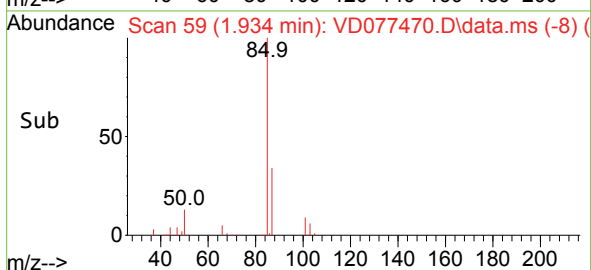
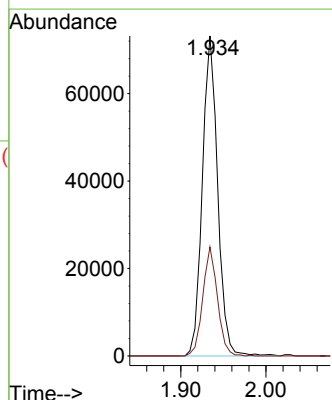
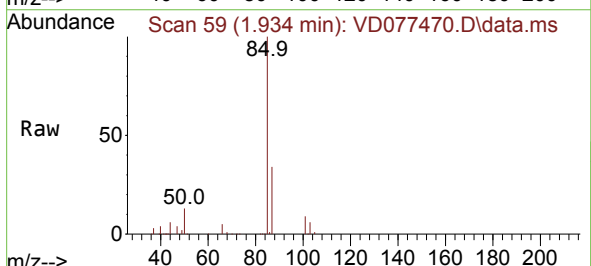
Acq: 31 Oct 2023 19:53

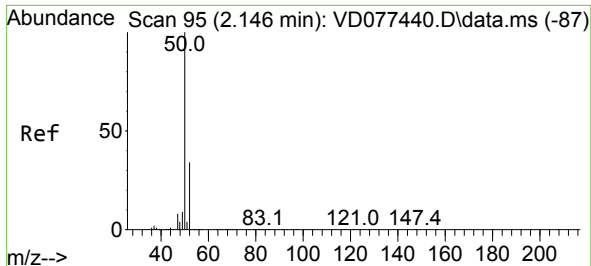
Tgt Ion: 85 Resp: 91298

Ion Ratio Lower Upper

85 100

87 34.0 15.7 47.0

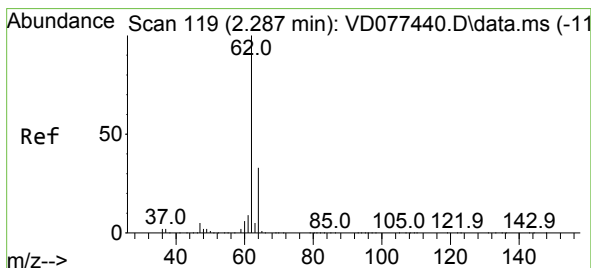
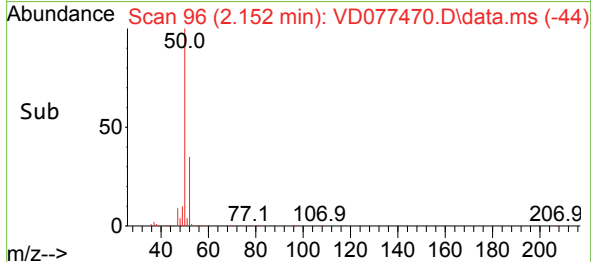
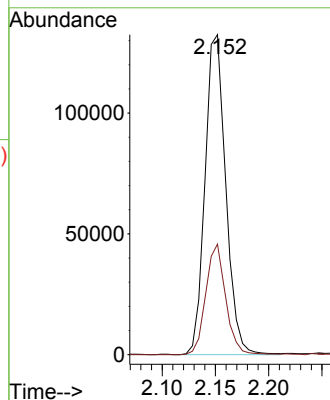
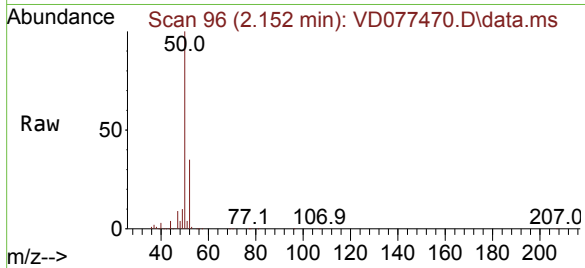




#3
Chloromethane
Concen: 58.752 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

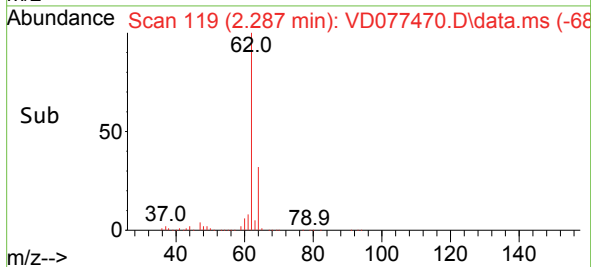
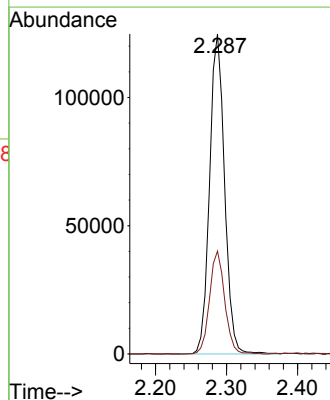
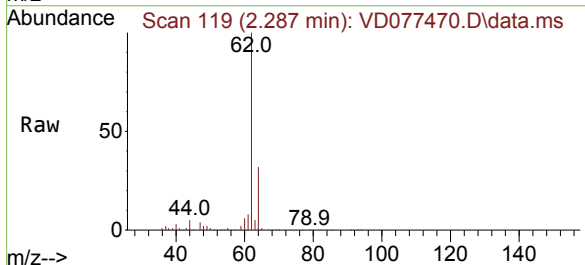
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 180070
Ion Ratio Lower Upper
50 100
52 34.6 26.6 40.0



#4
Vinyl Chloride
Concen: 61.227 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 62 Resp: 182993
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

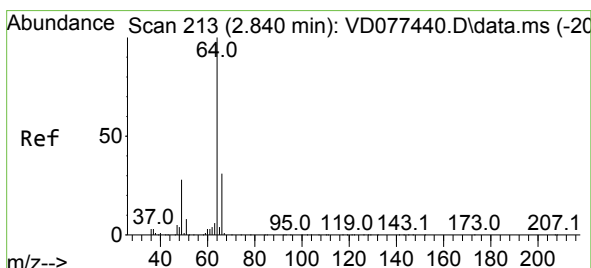
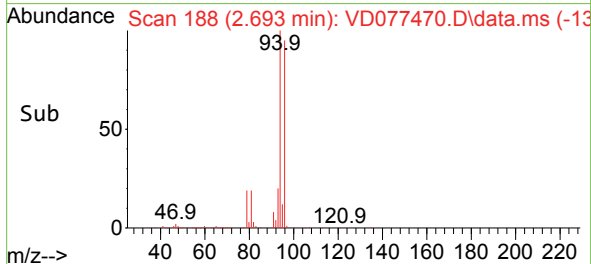
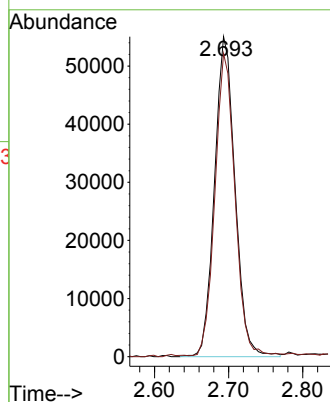
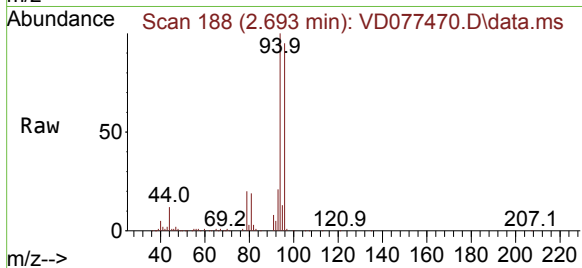




#5
Bromomethane
Concen: 67.623 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077470.D
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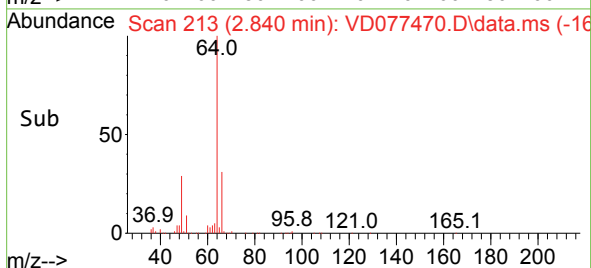
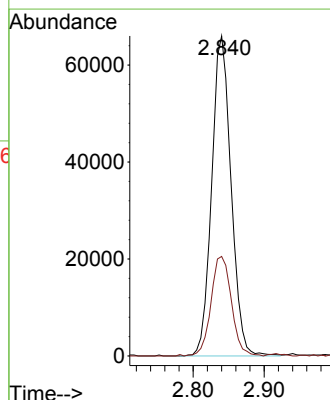
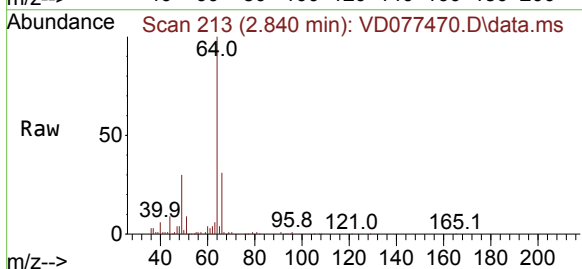
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ClientSampleId :

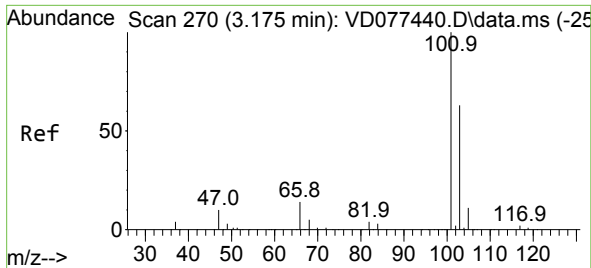
Tgt Ion: 94 Resp: 105907
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.8



#6
Chloroethane
Concen: 62.105 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 64 Resp: 124970
Ion Ratio Lower Upper
64 100
66 30.7 25.5 38.3

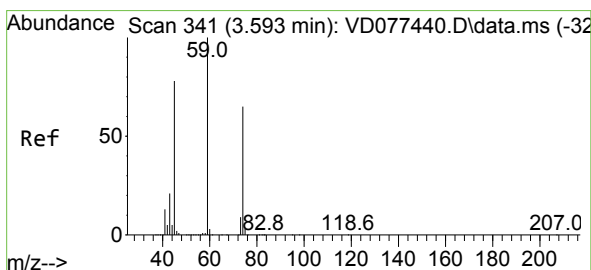
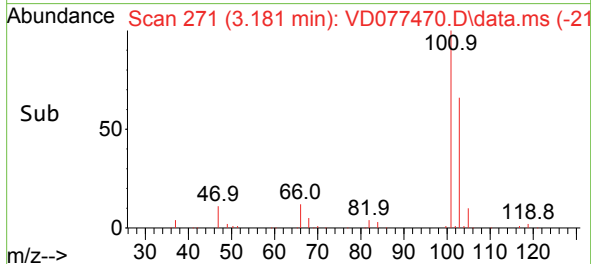
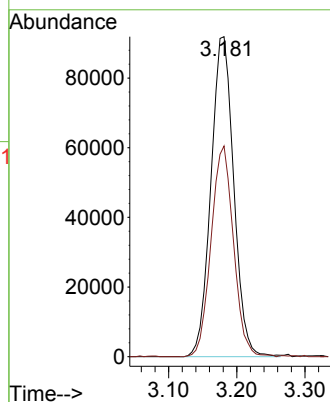
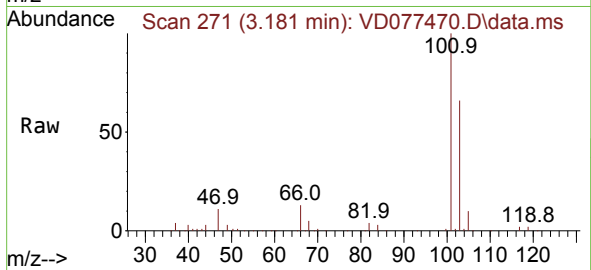




#7
 Trichlorofluoromethane
 Concen: 51.095 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

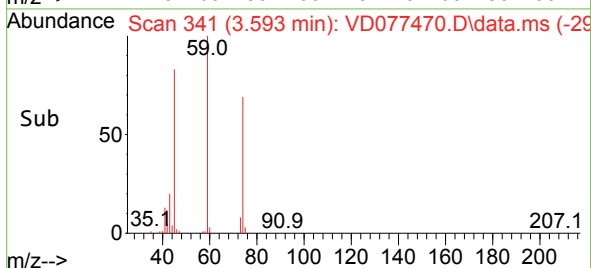
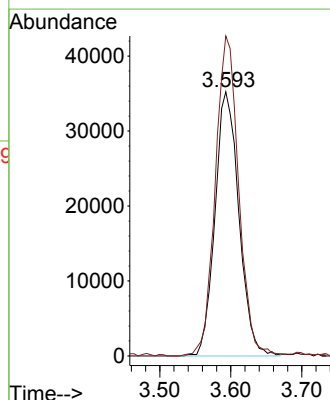
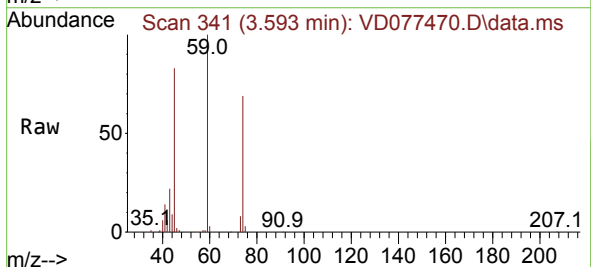
Instrument :
 MSVOA_D
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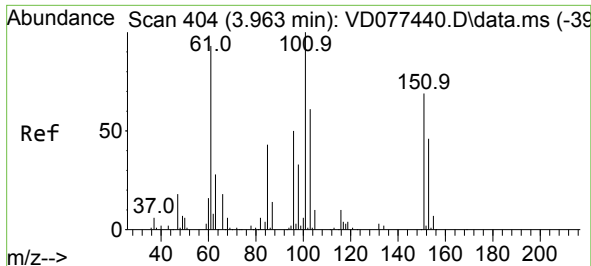
Tgt Ion:101 Resp: 213856
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 54.687 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077470.D
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Tgt Ion: 74 Resp: 82277
 Ion Ratio Lower Upper
 74 100
 45 118.7 37.5 112.7#

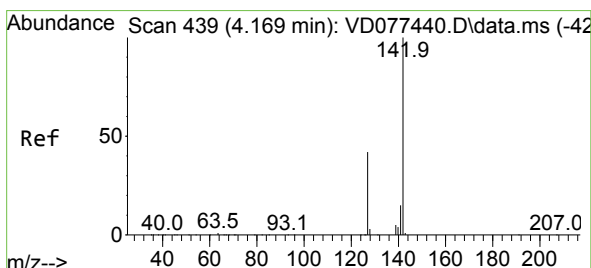
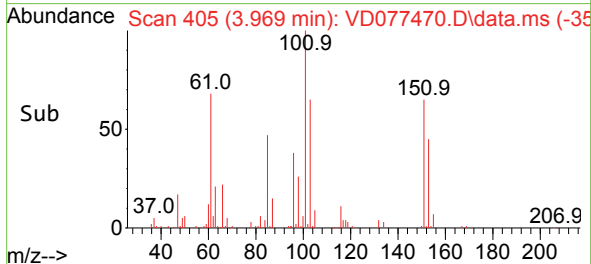
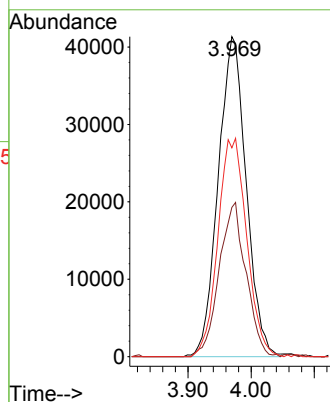
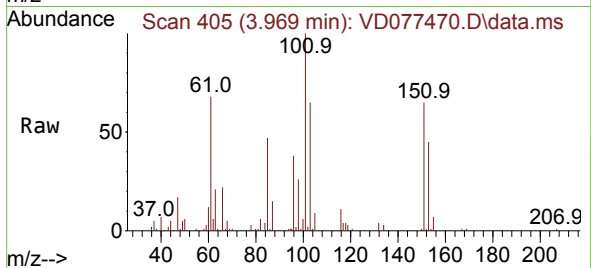




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.394 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

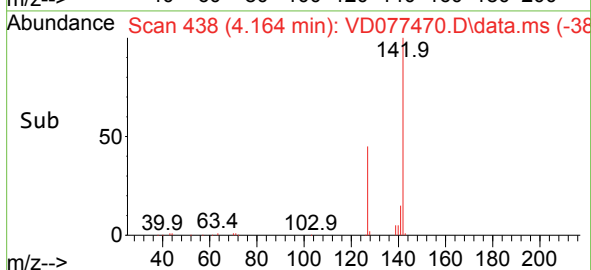
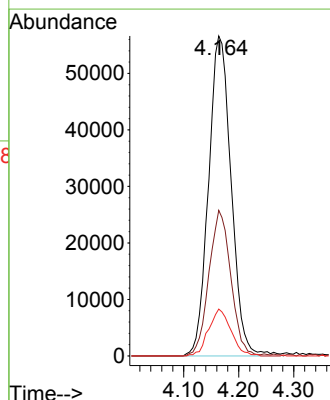
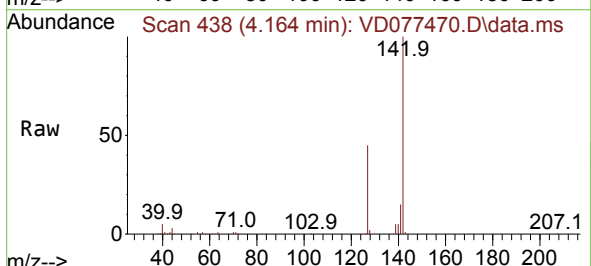
Instrument :
MSVOA_D
ClientSampleId :

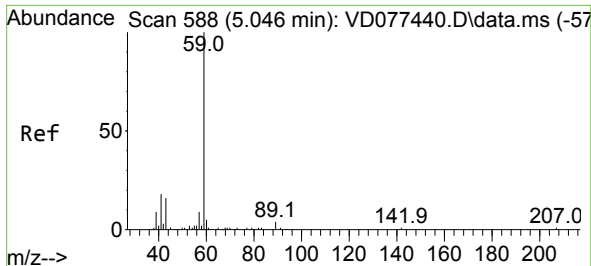
Tgt Ion:101 Resp: 127333
Ion Ratio Lower Upper
101 100
85 46.2 33.8 50.6
151 70.2 59.8 89.6



#10
Methyl Iodide
Concen: 50.790 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion:142 Resp: 162242
Ion Ratio Lower Upper
142 100
127 44.0 29.4 44.0
141 14.4 11.1 16.7

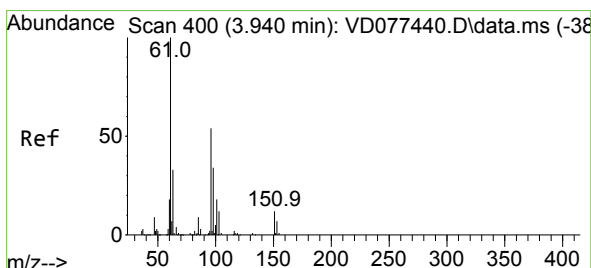
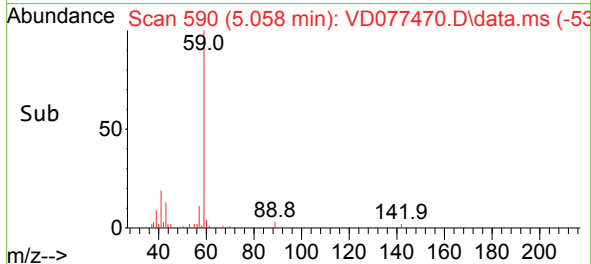
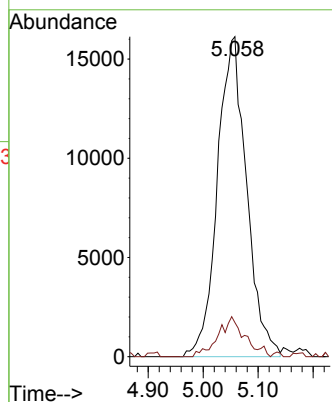
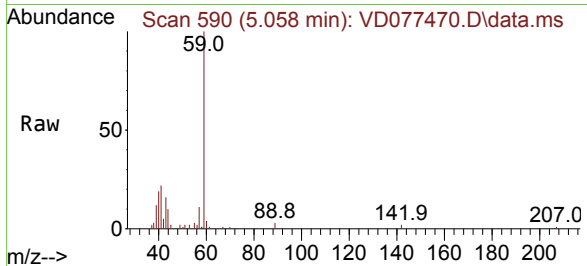




#11
Tert butyl alcohol
Concen: 220.881 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

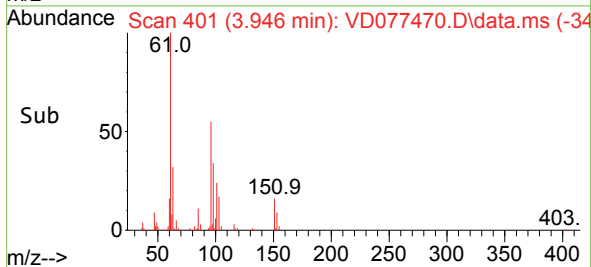
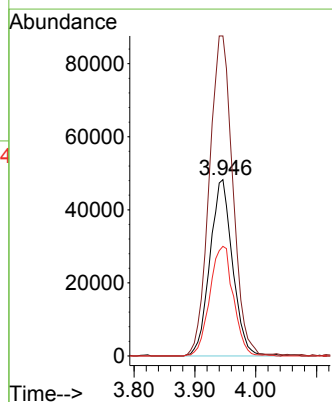
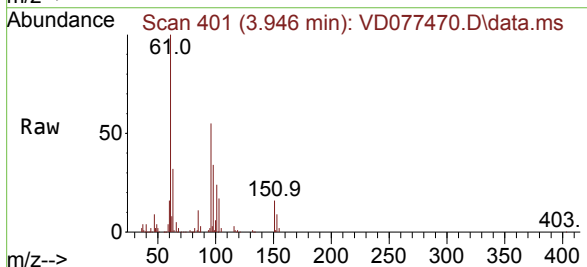
Instrument :
MSVOA_D
ClientSampleId :

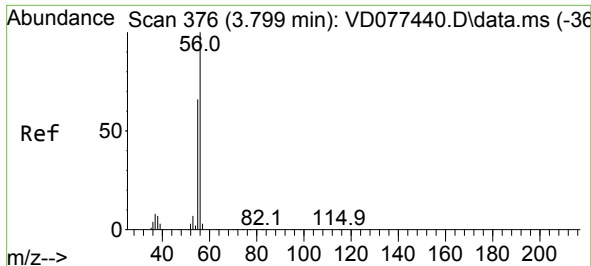
Tgt Ion: 59 Resp: 59235
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.8



#12
1,1-Dichloroethene
Concen: 52.123 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 96 Resp: 124684
Ion Ratio Lower Upper
96 100
61 181.5 100.6 150.8#
98 62.1 50.2 75.2





#13

Acrolein

Concen: 227.836 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

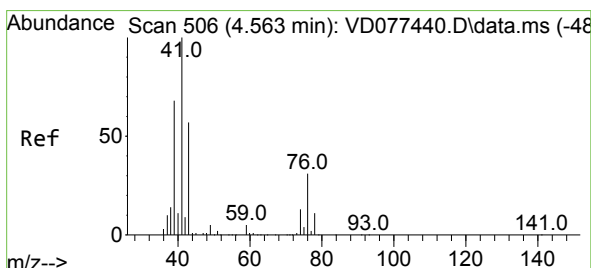
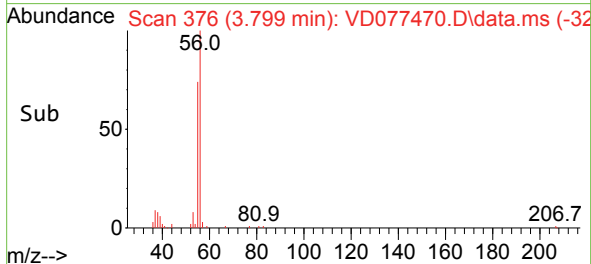
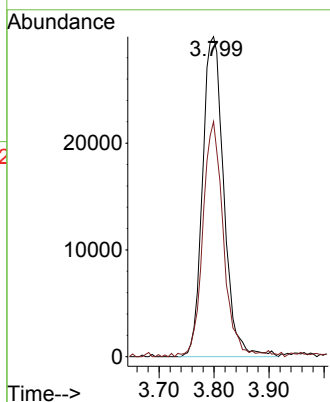
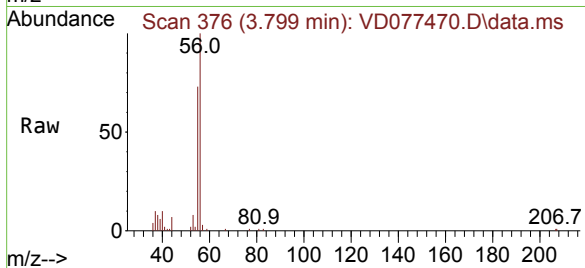
ClientSampleId :

Tgt Ion: 56 Resp: 80573

Ion Ratio Lower Upper

56 100

55 71.0 55.1 82.7



#14

Allyl chloride

Concen: 54.227 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

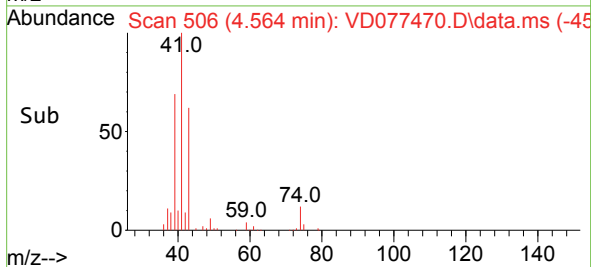
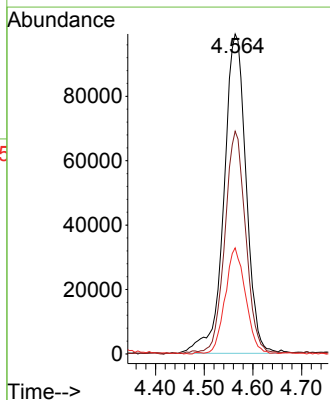
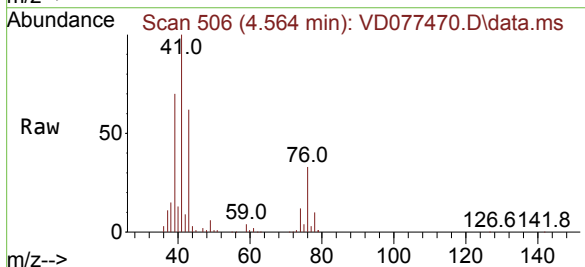
Tgt Ion: 41 Resp: 312928

Ion Ratio Lower Upper

41 100

39 64.8 53.8 80.6

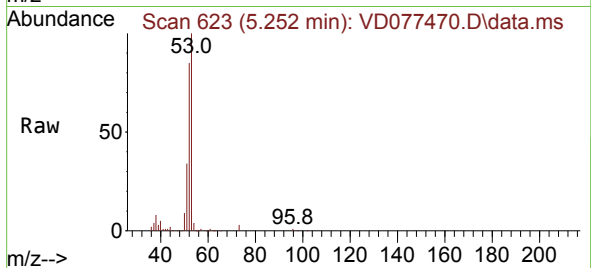
76 30.3 45.8 68.8#





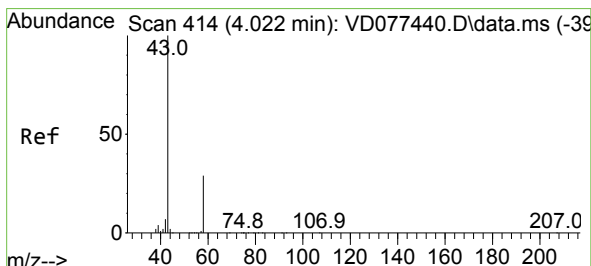
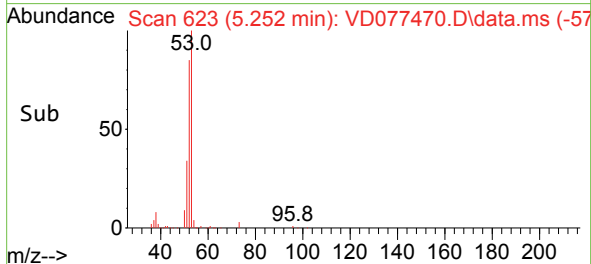
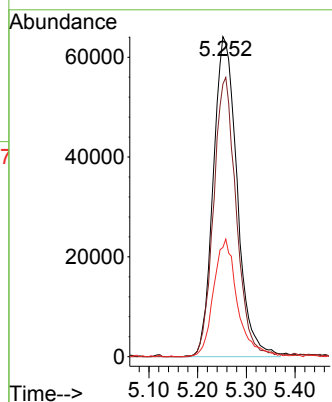
#15
Acrylonitrile
Concen: 268.009 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 53 Resp: 217972

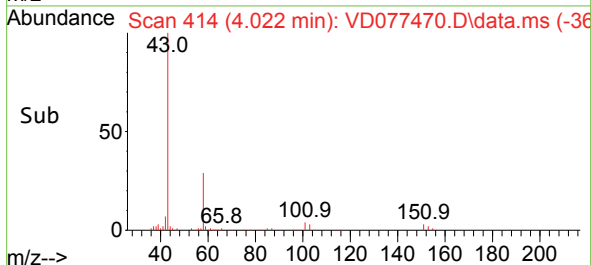
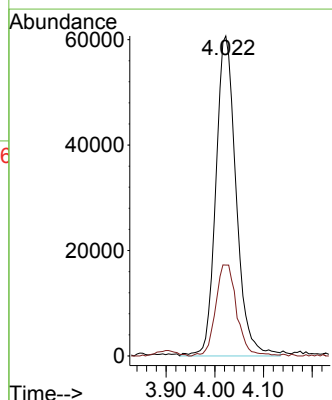
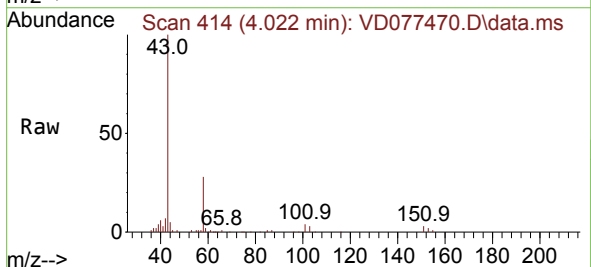
Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.0	97.4
51	36.9	28.3	42.5

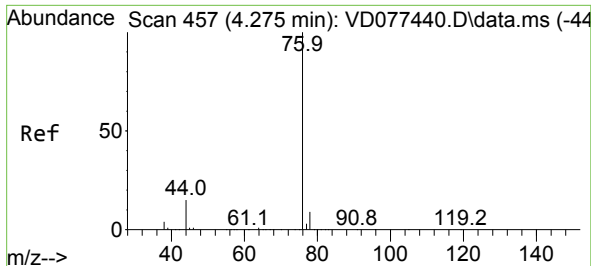


#16
Acetone
Concen: 195.642 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 43 Resp: 175264

Ion	Ratio	Lower	Upper
43	100		
58	28.1	34.7	52.1#

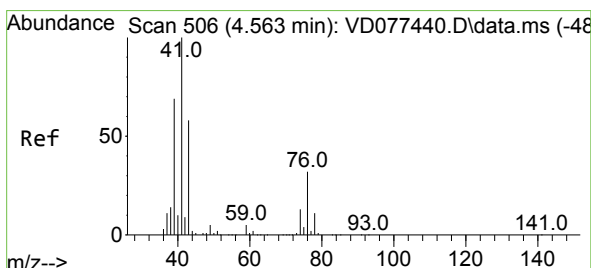
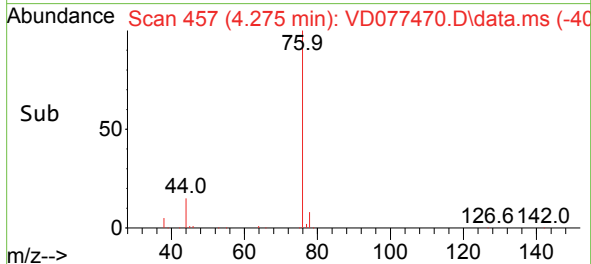
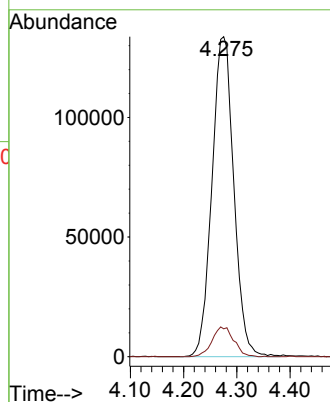
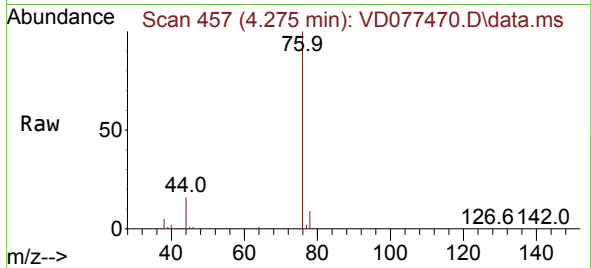




#17
Carbon Disulfide
Concen: 51.443 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

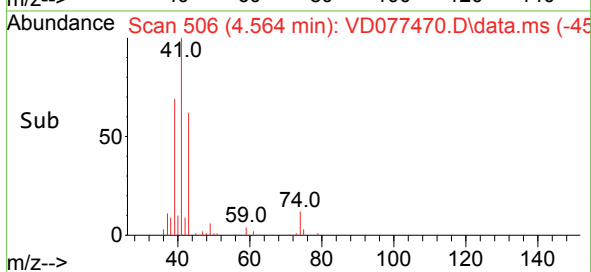
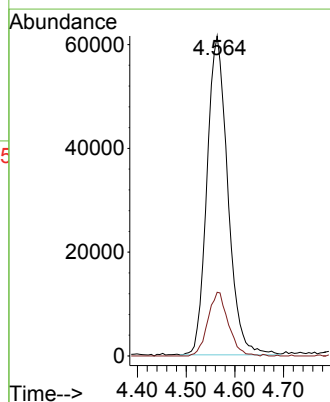
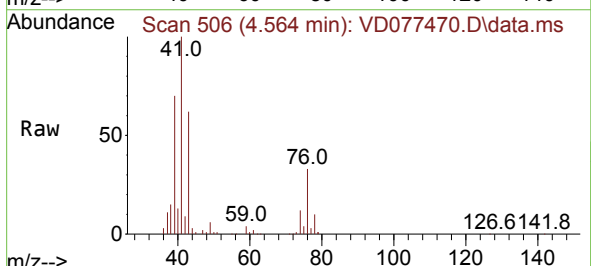
Instrument :
MSVOA_D
ClientSampleId :

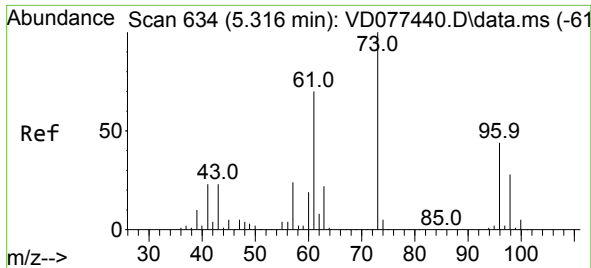
Tgt Ion: 76 Resp: 380442
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 55.779 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 43 Resp: 182269
Ion Ratio Lower Upper
43 100
74 19.6 26.4 39.6#

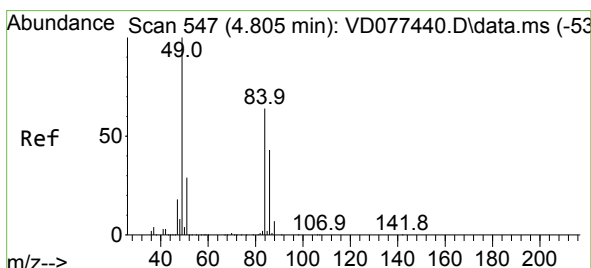
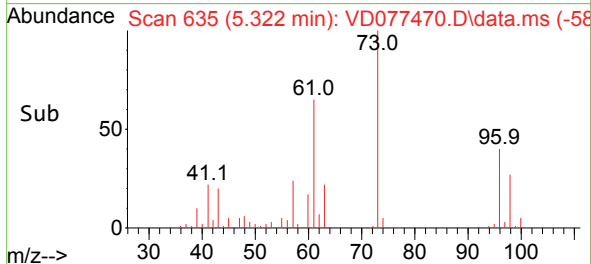
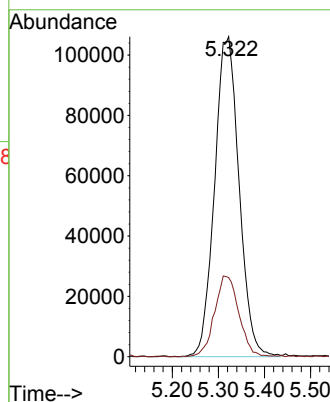
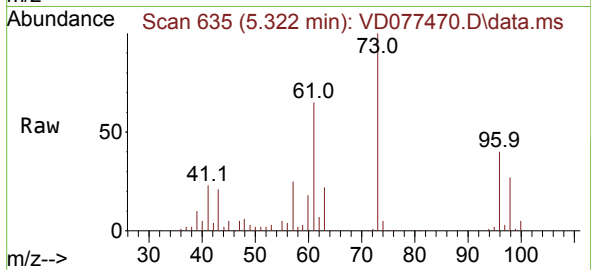




#19
Methyl tert-butyl Ether
Concen: 52.097 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

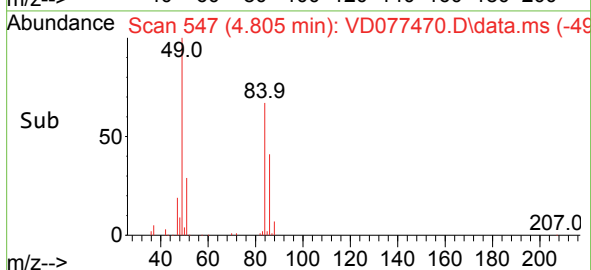
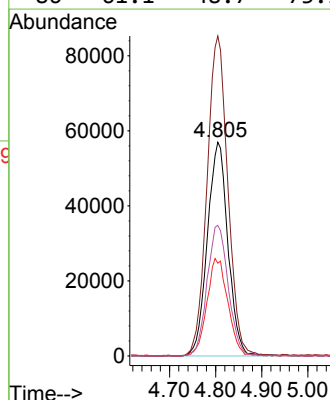
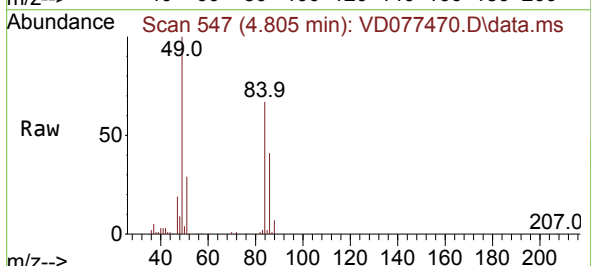
Instrument :
MSVOA_D
ClientSampleId :

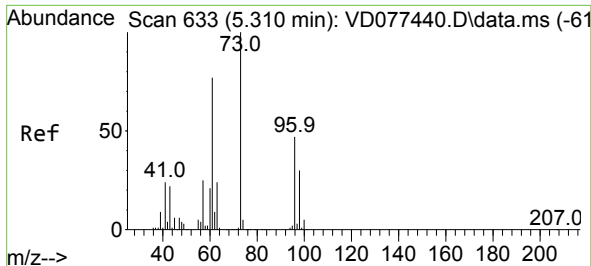
Tgt Ion: 73 Resp: 391179
Ion Ratio Lower Upper
73 100
57 24.7 16.6 25.0



#20
Methylene Chloride
Concen: 52.757 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

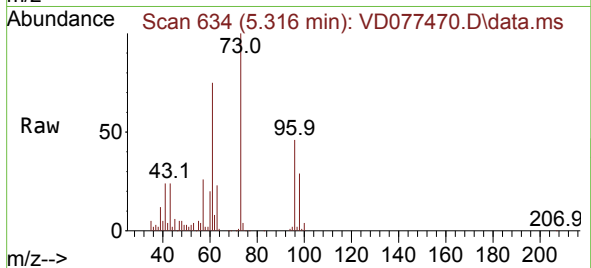
Tgt Ion: 84 Resp: 177226
Ion Ratio Lower Upper
84 100
49 149.6 71.4 107.2#
51 43.4 24.5 36.7#
86 61.1 48.7 73.1



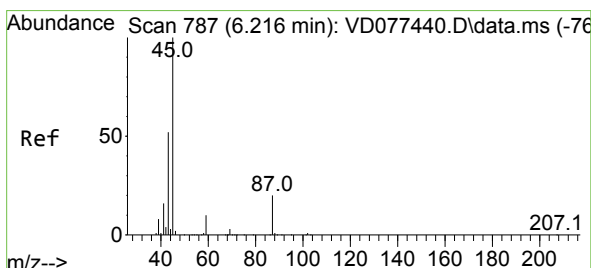
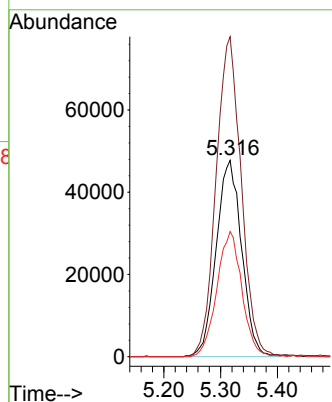
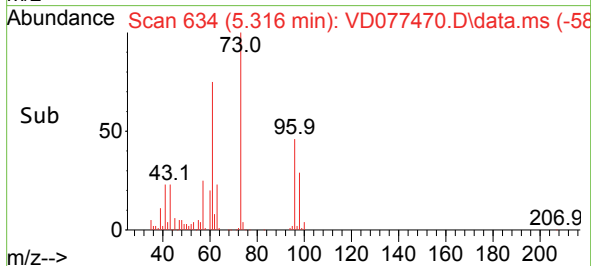


#21
trans-1,2-Dichloroethene
Concen: 53.362 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :

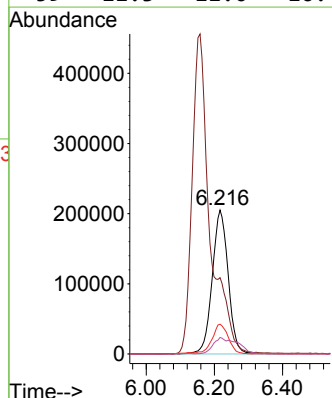
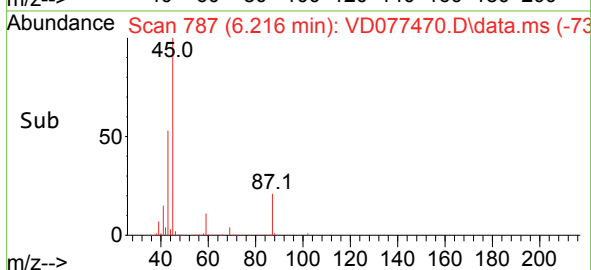
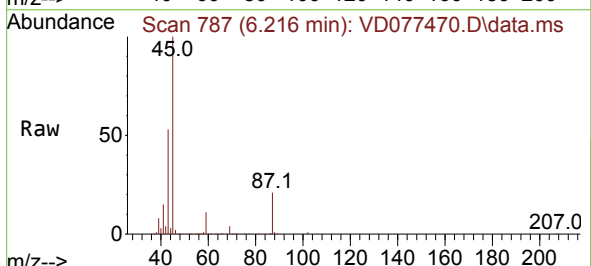


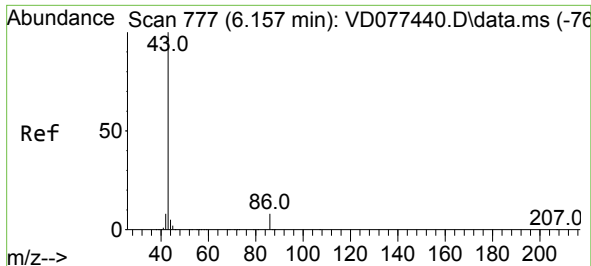
Tgt Ion: 96 Resp: 148661
Ion Ratio Lower Upper
96 100
61 162.9 89.3 133.9#
98 63.7 48.6 73.0



#22
Diisopropyl ether
Concen: 54.388 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

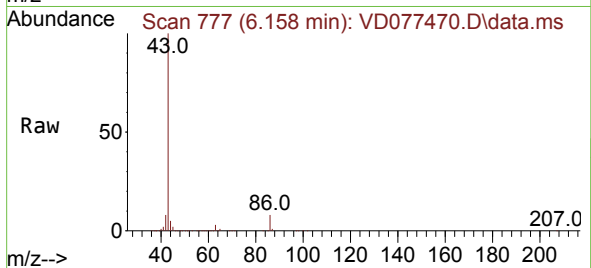
Tgt Ion: 45 Resp: 667063
Ion Ratio Lower Upper
45 100
43 52.5 40.0 60.0
87 20.7 28.2 42.4#
59 11.3 11.0 16.4



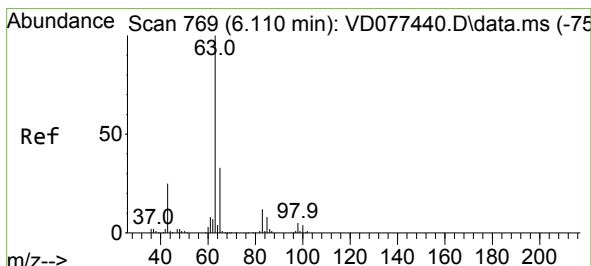
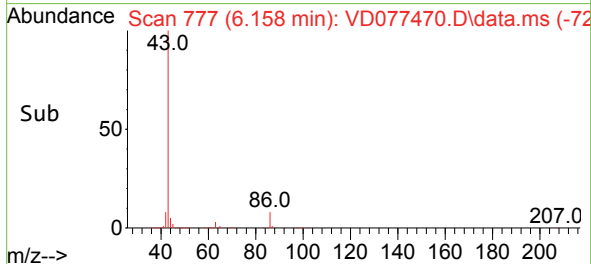
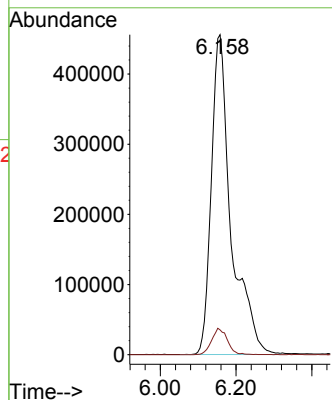


#23
 Vinyl Acetate
 Concen: 312.004 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

Instrument :
 MSVOA_D
 ClientSampleId :

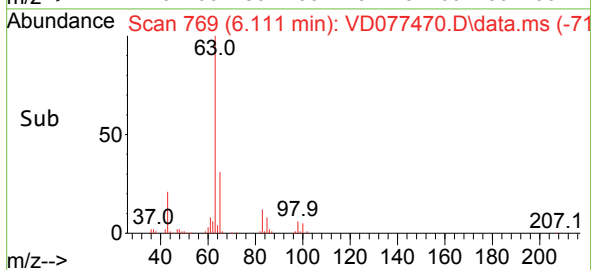
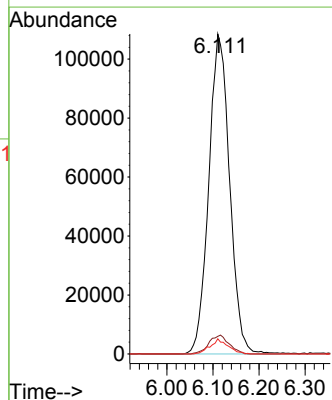
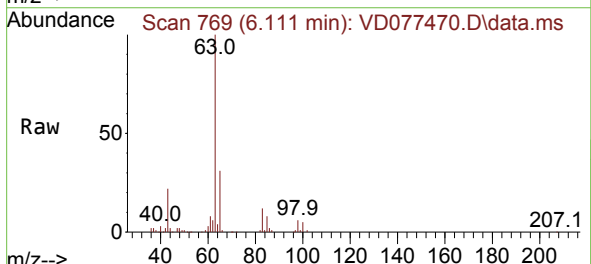


Tgt Ion: 43 Resp: 1650884
 Ion Ratio Lower Upper
 43 100
 86 7.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 53.645 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

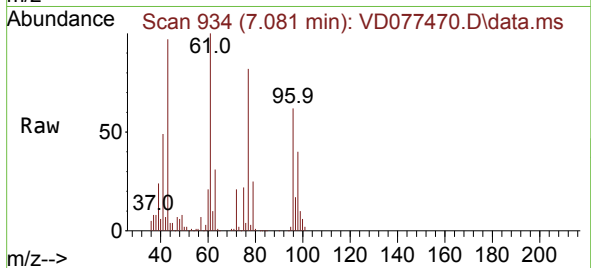
Tgt Ion: 63 Resp: 341394
 Ion Ratio Lower Upper
 63 100
 98 5.5 4.5 13.7
 100 4.8 2.5 7.5



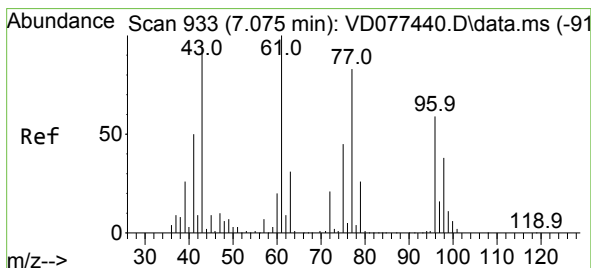
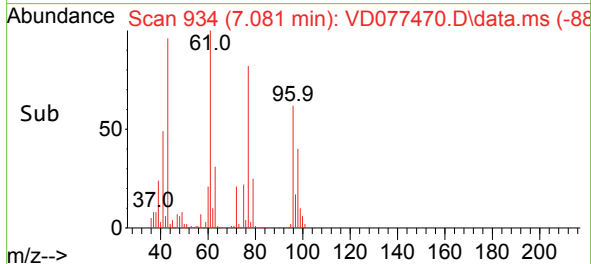
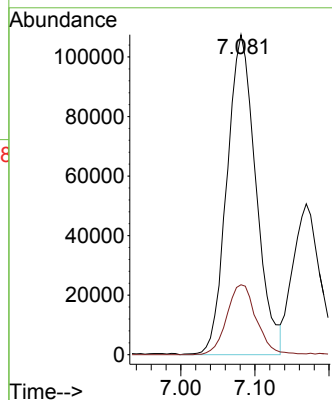


#25
2-Butanone
Concen: 244.174 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :

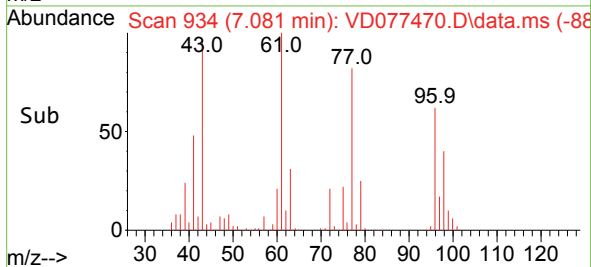
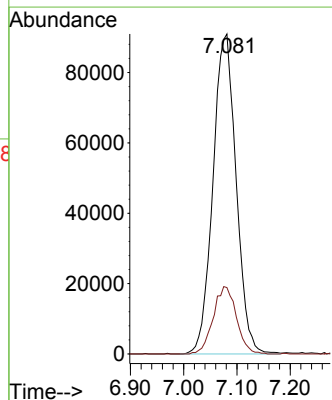
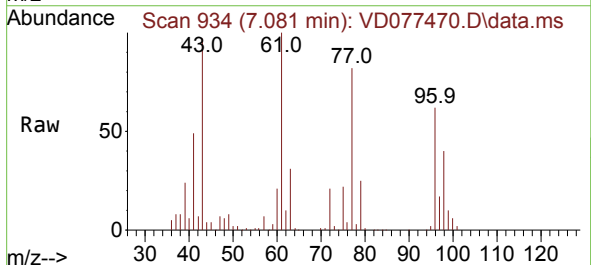


Tgt Ion: 43 Resp: 291766
Ion Ratio Lower Upper
43 100
72 21.8 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 48.752 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

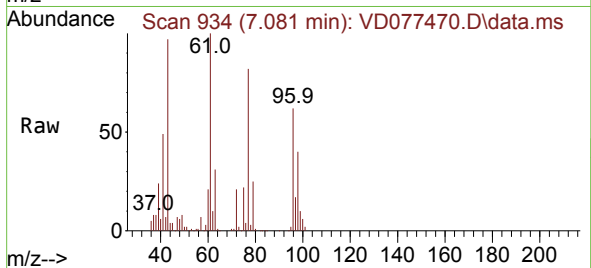
Tgt Ion: 77 Resp: 274950
Ion Ratio Lower Upper
77 100
97 21.0 13.2 39.6



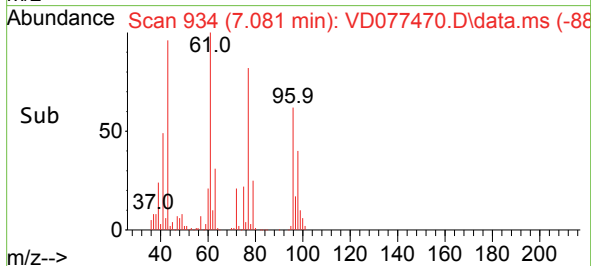
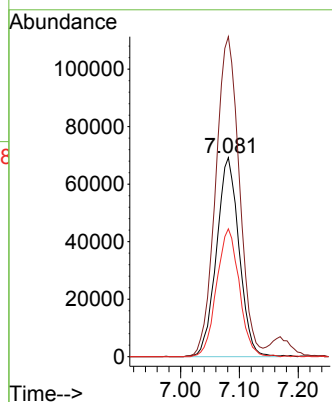


#27
 cis-1,2-Dichloroethene
 Concen: 53.583 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

Instrument :
 MSVOA_D
 ClientSampleId :

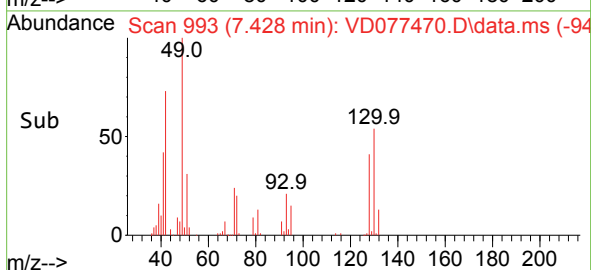
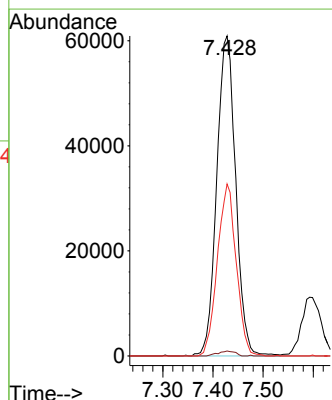
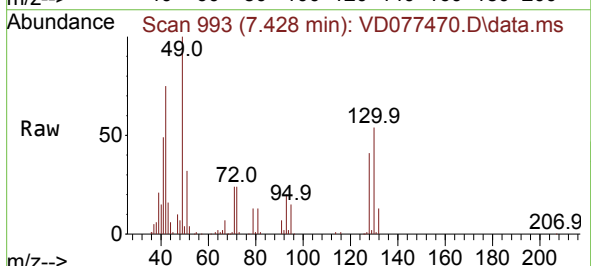


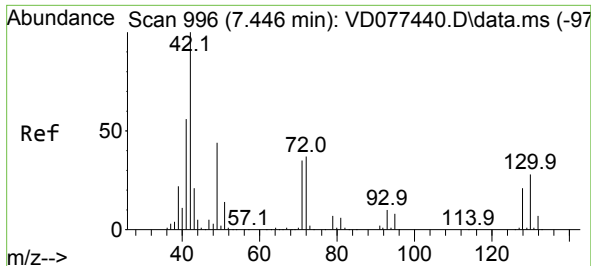
Tgt Ion: 96 Resp: 184940
 Ion Ratio Lower Upper
 96 100
 61 168.8 0.0 239.2
 98 64.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 55.145 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

Tgt Ion: 49 Resp: 159753
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 6.0
 130 53.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 260.064 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

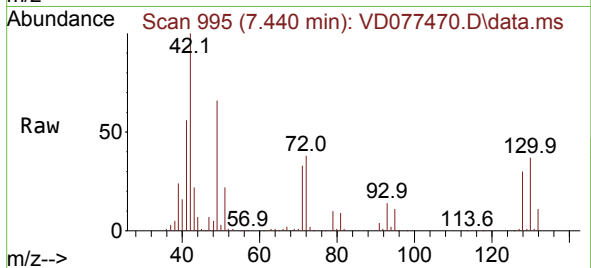
Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

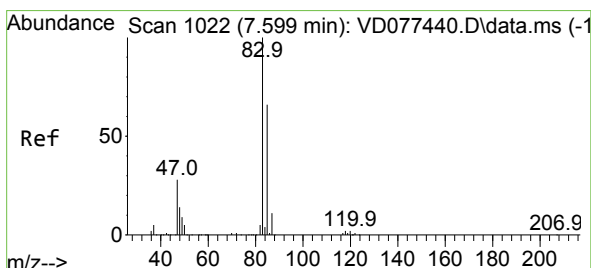
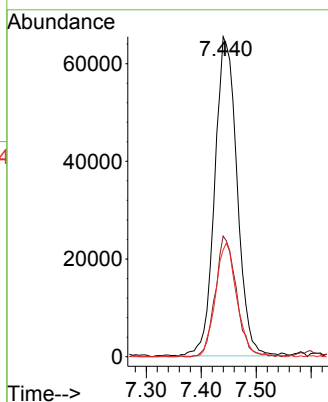
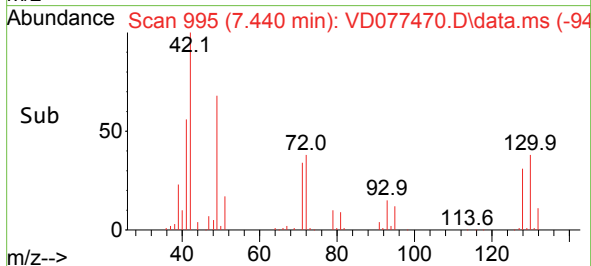
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	184304
Ion	Ratio	Lower	Upper
42	100		
72	35.8	46.5	69.7#
71	34.2	44.5	66.7#



#30

Chloroform

Concen: 52.554 ug/l

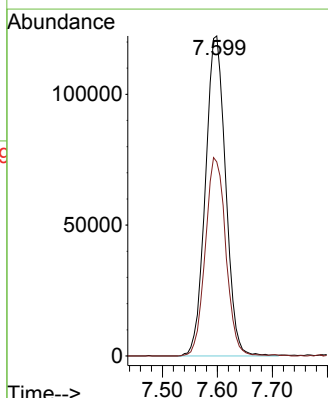
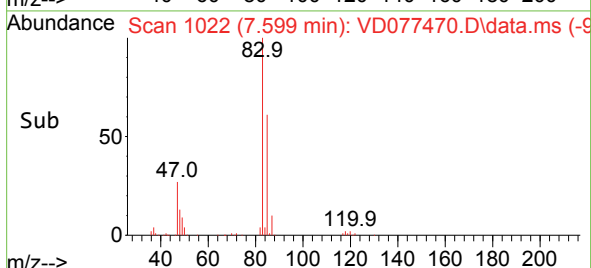
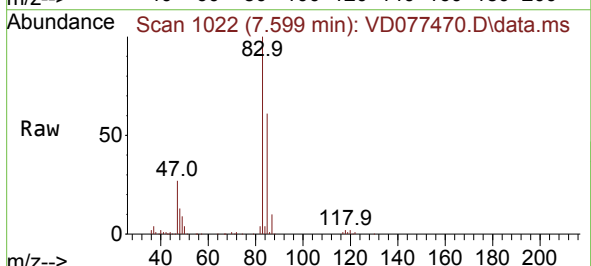
RT: 7.599 min Scan# 1022

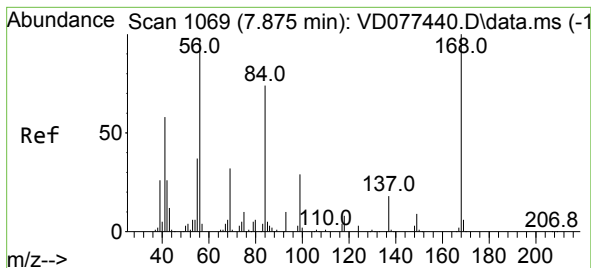
Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

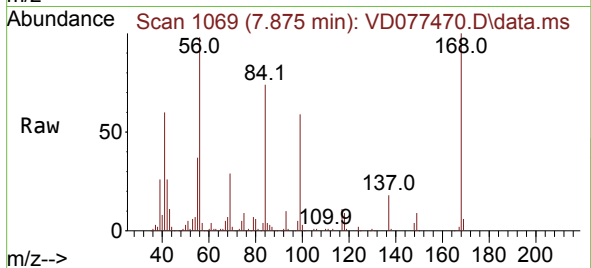
Tgt Ion:	83	Resp:	312278
Ion	Ratio	Lower	Upper
83	100		
85	60.7	53.4	80.2



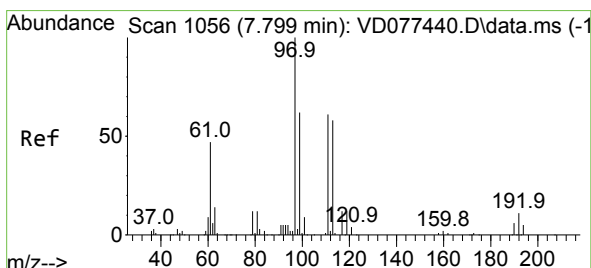
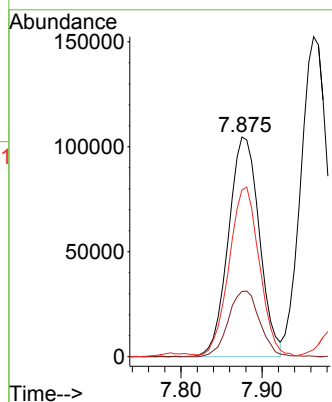
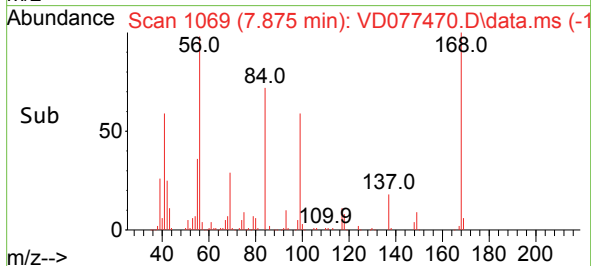


#31
Cyclohexane
Concen: 52.324 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

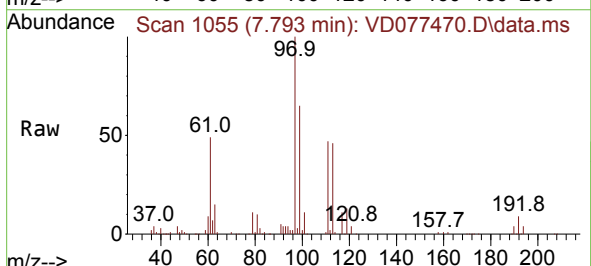
Instrument :
MSVOA_D
ClientSampleId :



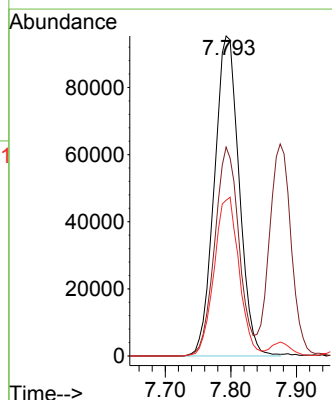
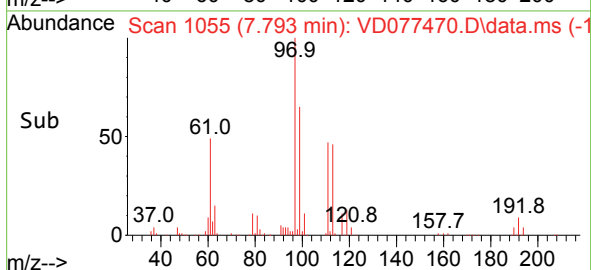
Tgt Ion: 56 Resp: 276918
Ion Ratio Lower Upper
56 100
69 29.7 28.6 43.0
84 74.7 84.8 127.2#

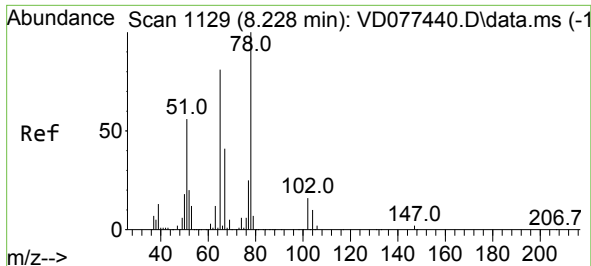


#32
1,1,1-Trichloroethane
Concen: 51.083 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



Tgt Ion: 97 Resp: 250088
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 50.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.664 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

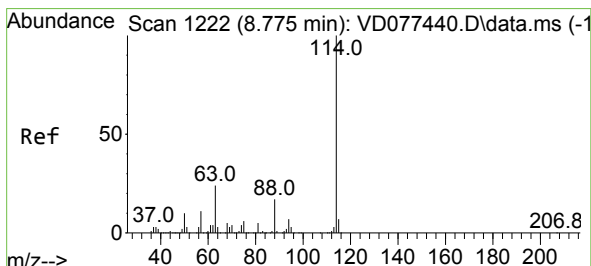
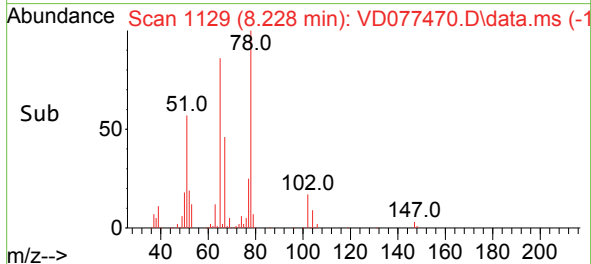
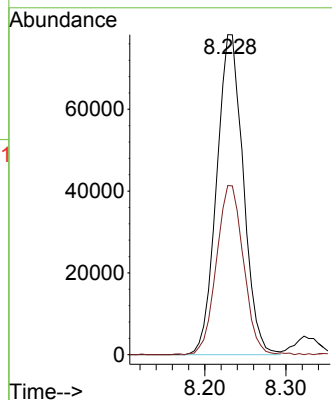
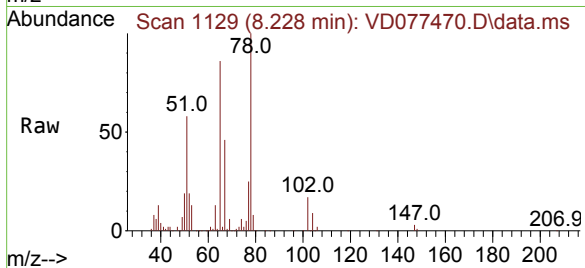
ClientSampleId :

Tgt Ion: 65 Resp: 178292

Ion Ratio Lower Upper

65 100

67 53.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

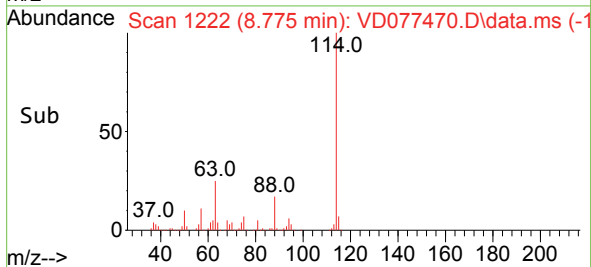
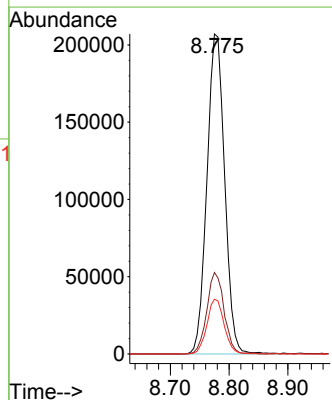
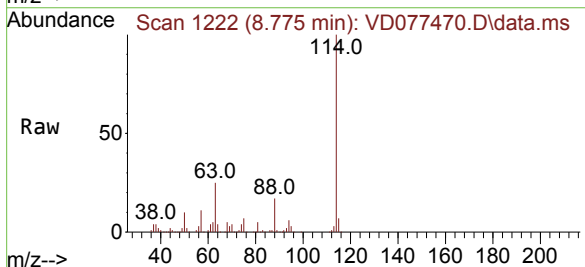
Tgt Ion: 114 Resp: 433575

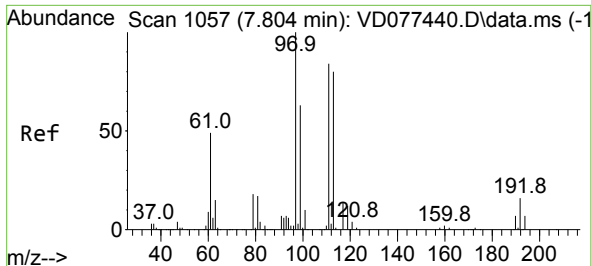
Ion Ratio Lower Upper

114 100

63 25.5 0.0 33.4

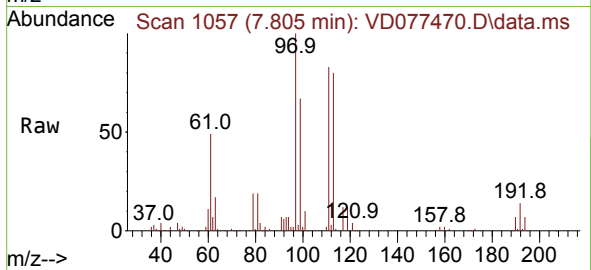
88 17.1 0.0 26.2



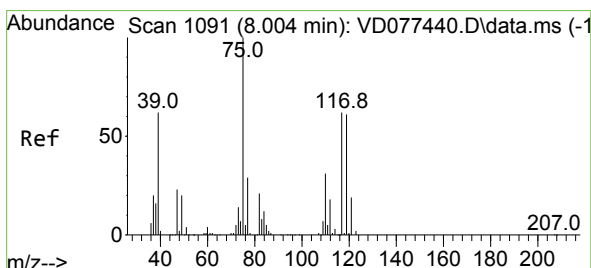
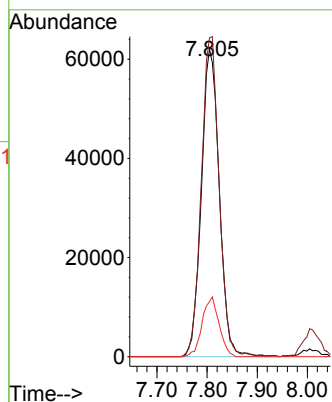
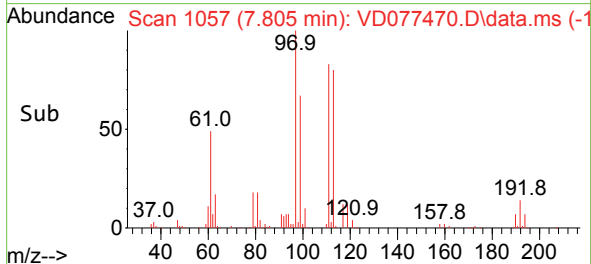


#35
Dibromofluoromethane
Concen: 51.376 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :

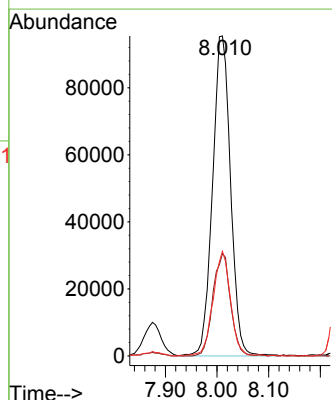
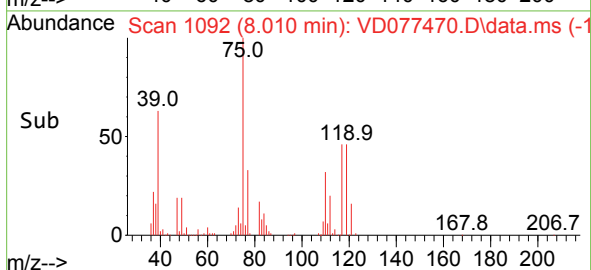
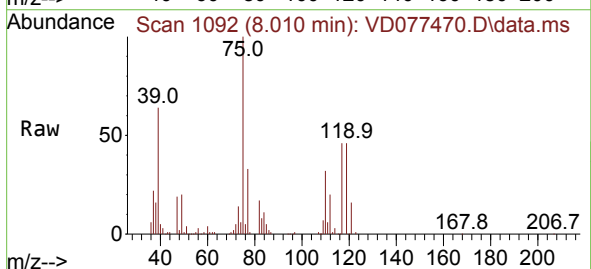


Tgt Ion:113 Resp: 153959
Ion Ratio Lower Upper
113 100
111 102.8 84.7 127.1
192 18.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 52.060 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 75 Resp: 231306
Ion Ratio Lower Upper
75 100
110 31.2 19.9 59.6
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 51.245 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

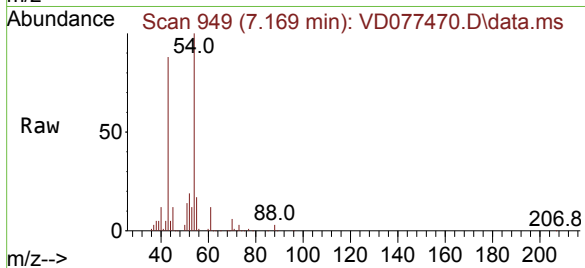
Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :



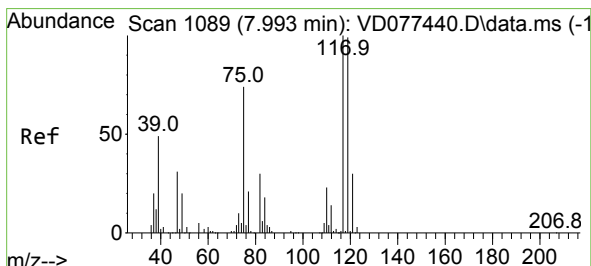
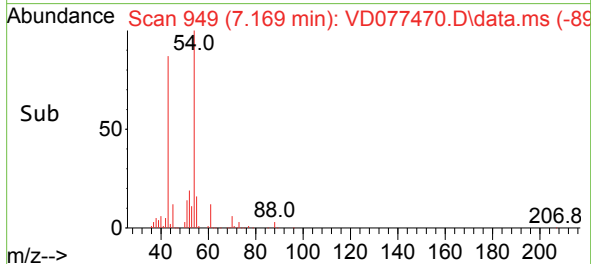
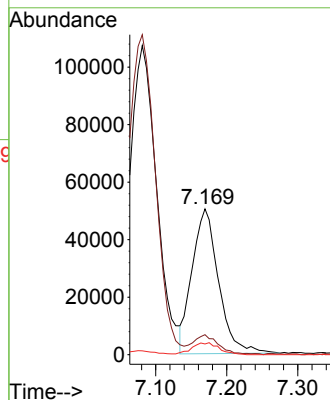
Tgt Ion: 43 Resp: 130666

Ion Ratio Lower Upper

43 100

61 13.5 14.9 22.3#

70 8.5 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 49.037 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

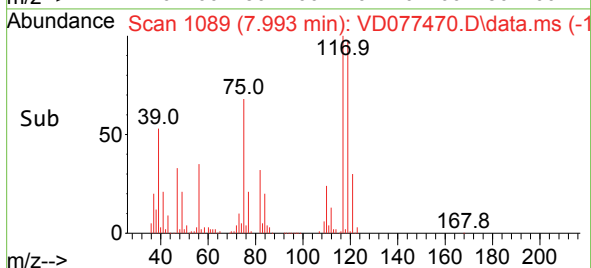
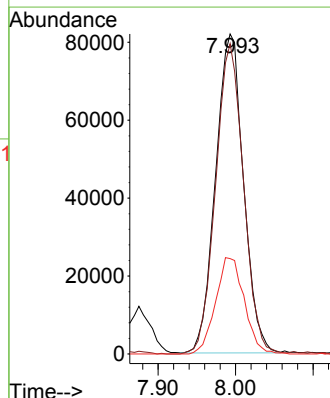
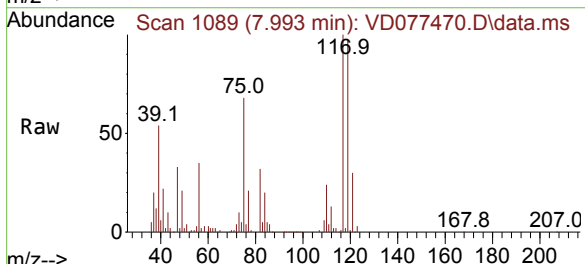
Tgt Ion: 117 Resp: 205312

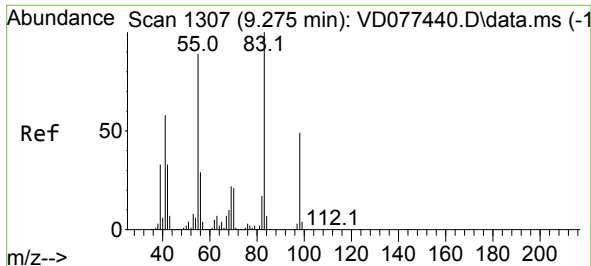
Ion Ratio Lower Upper

117 100

119 97.3 78.0 117.0

121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 52.186 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

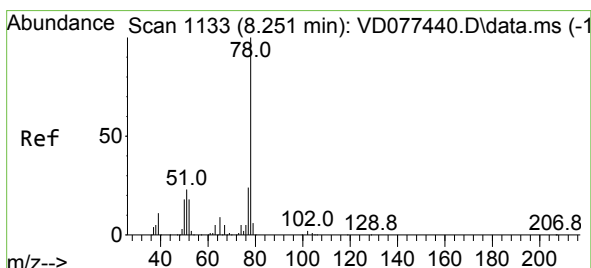
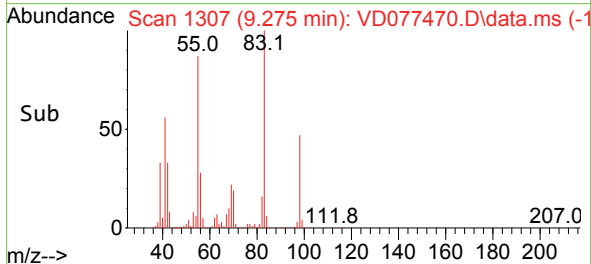
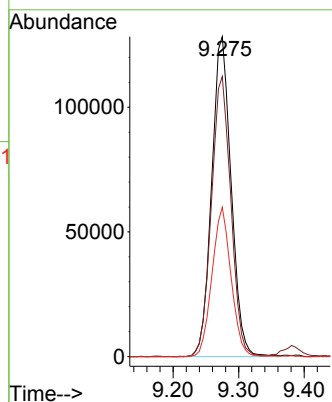
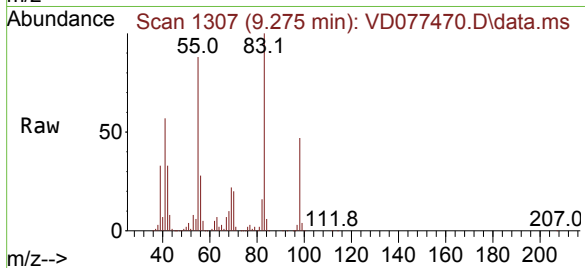
Tgt Ion: 83 Resp: 264559

Ion Ratio Lower Upper

83 100

55 87.4 49.4 74.0#

98 46.7 38.4 57.6



#40

Benzene

Concen: 53.386 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077470.D

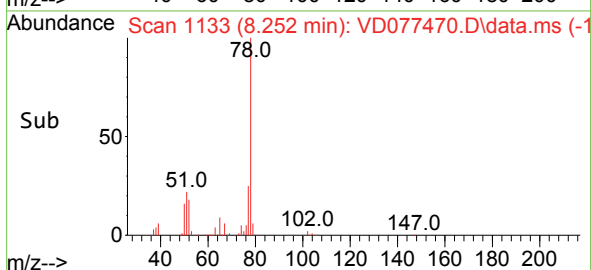
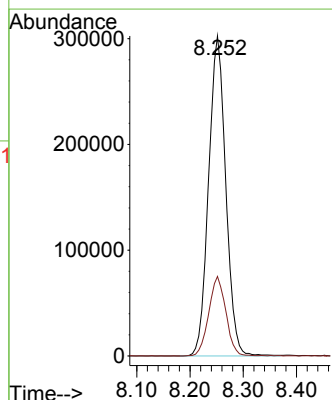
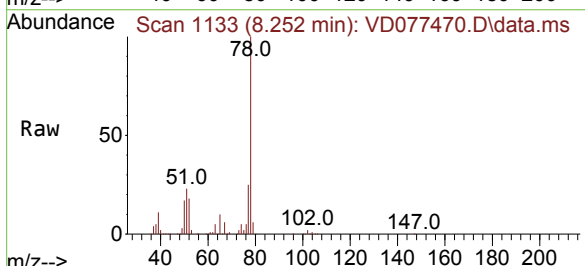
Acq: 31 Oct 2023 19:53

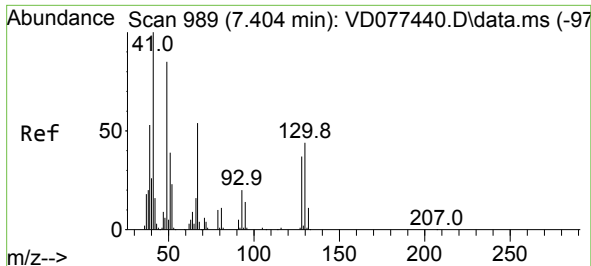
Tgt Ion: 78 Resp: 676378

Ion Ratio Lower Upper

78 100

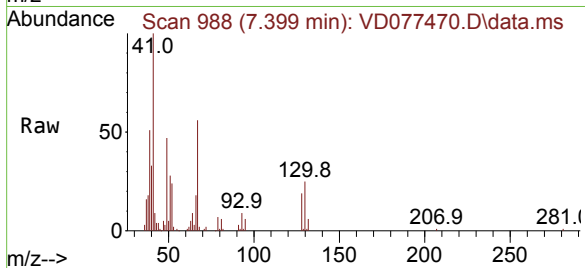
77 24.8 19.4 29.0



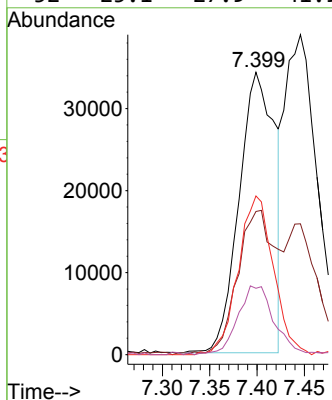
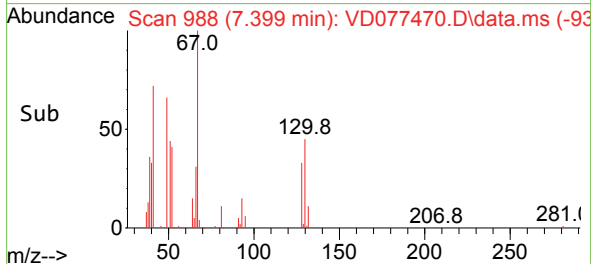


#41
Methacrylonitrile
Concen: 55.122 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :

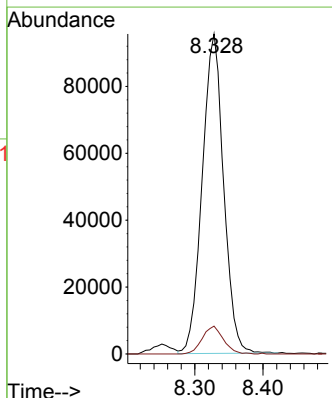
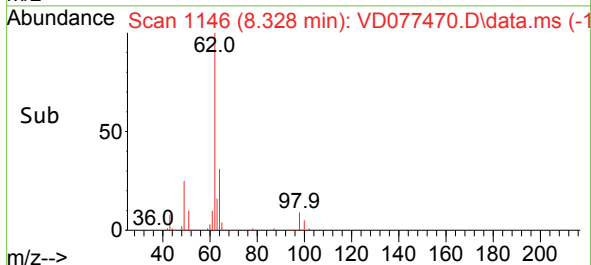
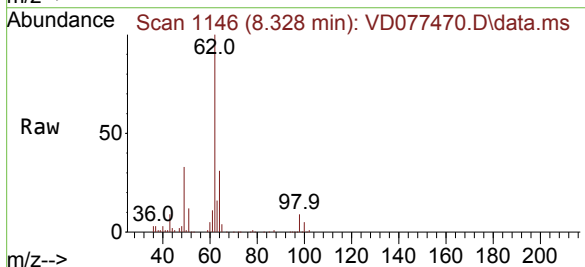


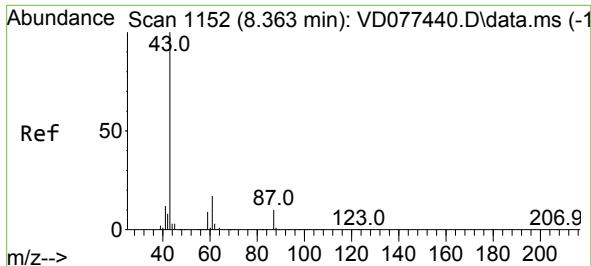
Tgt Ion: 41 Resp: 89934
Ion Ratio Lower Upper
41 100
39 57.6 34.0 51.0#
67 55.6 77.0 115.4#
52 25.1 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 51.935 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

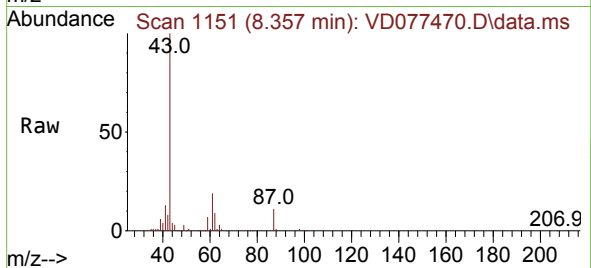
Tgt Ion: 62 Resp: 208405
Ion Ratio Lower Upper
62 100
98 8.6 0.0 25.4



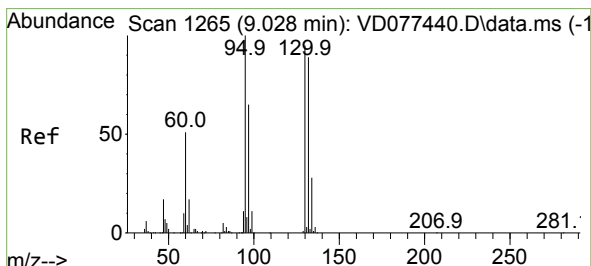
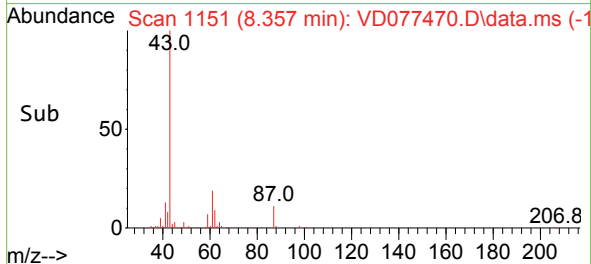
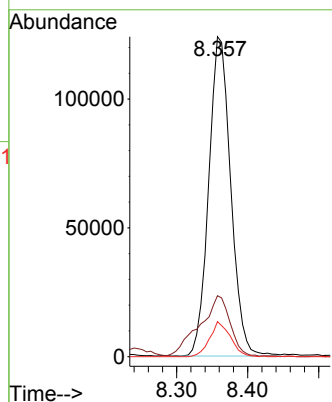


#43
Isopropyl Acetate
Concen: 50.901 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :

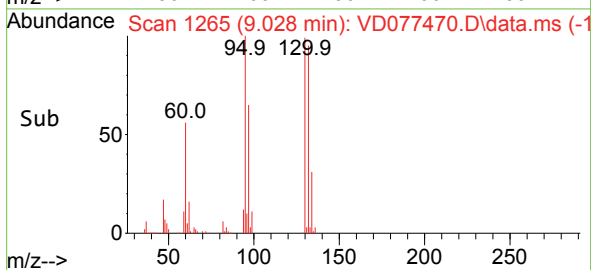
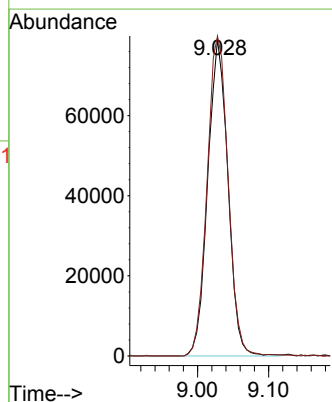
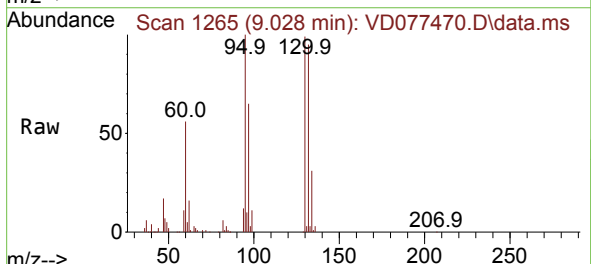


Tgt Ion: 43 Resp: 267835
Ion Ratio Lower Upper
43 100
61 25.8 31.4 47.0#
87 10.3 14.9 22.3#



#44
Trichloroethene
Concen: 50.216 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion:130 Resp: 155843
Ion Ratio Lower Upper
130 100
95 101.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.205 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

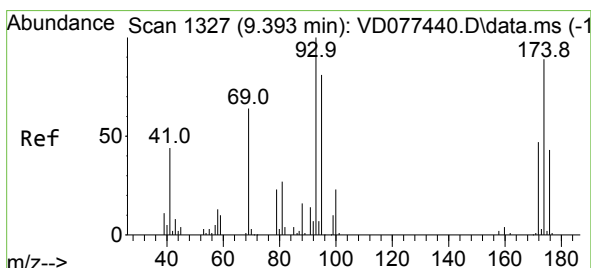
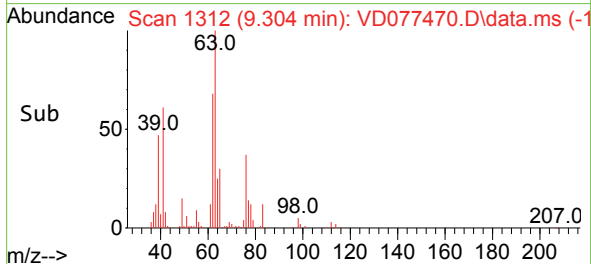
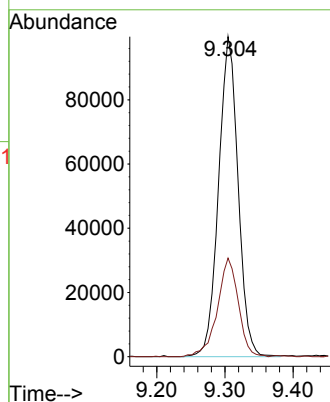
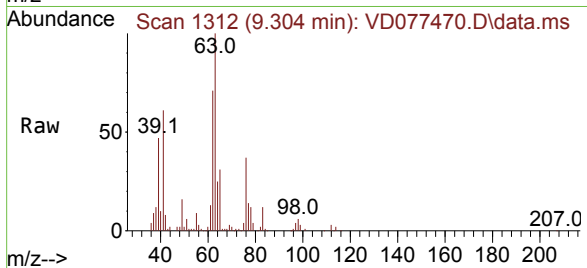
ClientSampleId :

Tgt Ion: 63 Resp: 198456

Ion Ratio Lower Upper

63 100

65 30.8 24.5 36.7



#46

Dibromomethane

Concen: 50.195 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

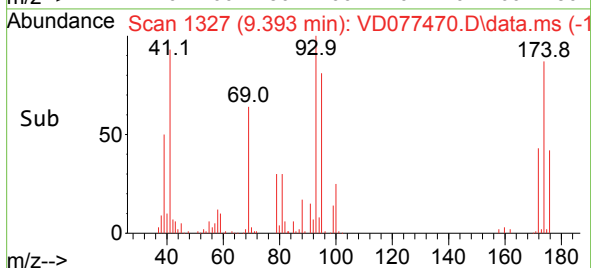
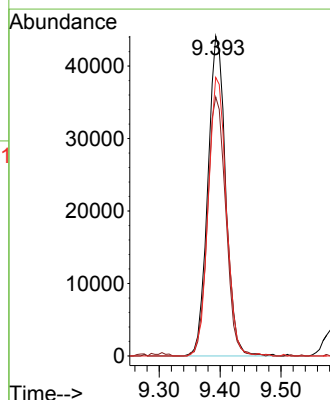
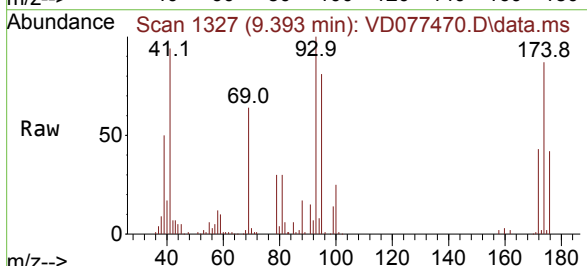
Tgt Ion: 93 Resp: 90101

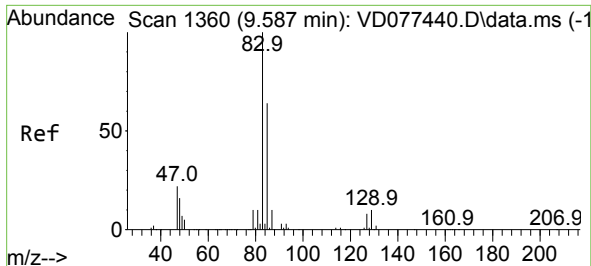
Ion Ratio Lower Upper

93 100

95 82.6 67.7 101.5

174 87.7 85.4 128.2

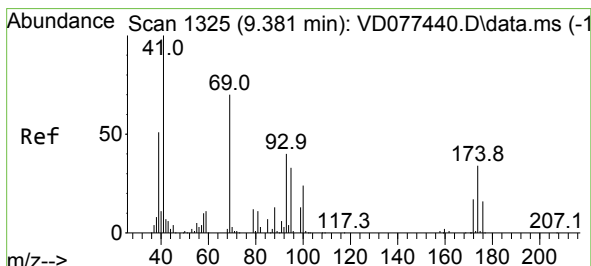
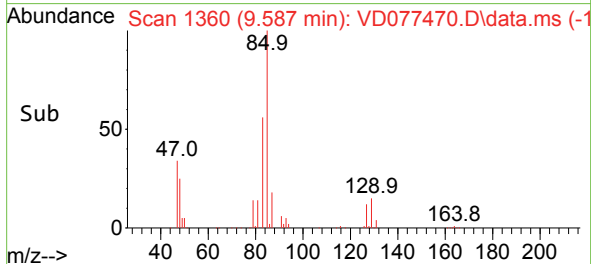
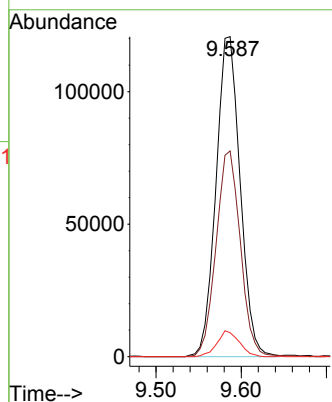
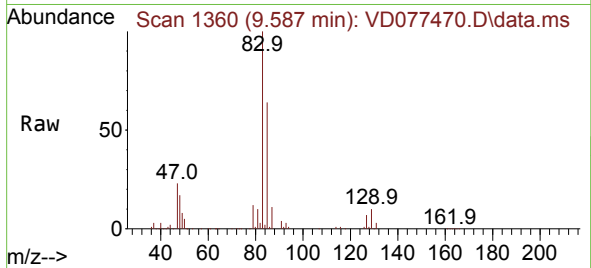




#47
Bromodichloromethane
Concen: 50.186 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

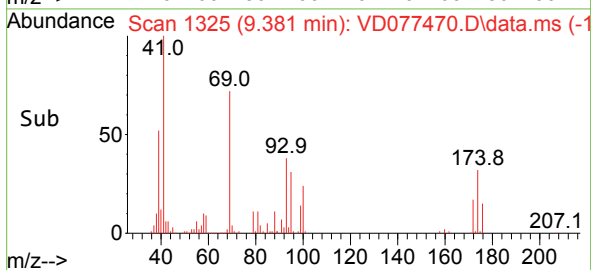
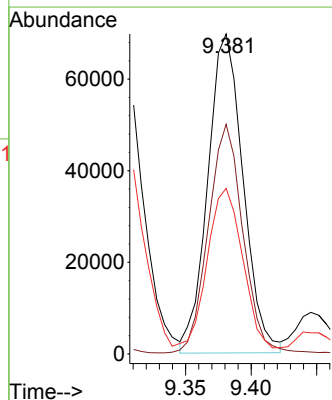
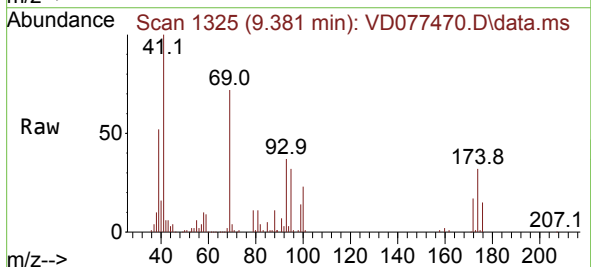
Instrument :
MSVOA_D
ClientSampleId :

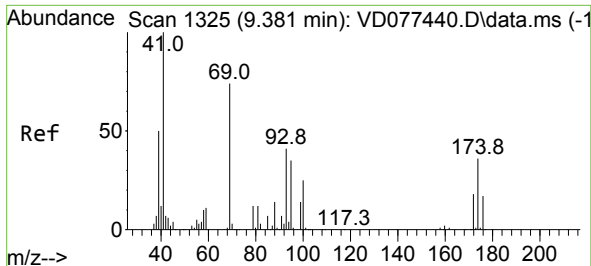
Tgt Ion: 83 Resp: 238111
Ion Ratio Lower Upper
83 100
85 64.3 50.2 75.4
127 7.5 6.3 9.5



#48
Methyl methacrylate
Concen: 51.961 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 41 Resp: 130511
Ion Ratio Lower Upper
41 100
69 70.7 102.2 153.2#
39 49.7 41.4 62.2





#49

1,4-Dioxane

Concen: 969.608 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

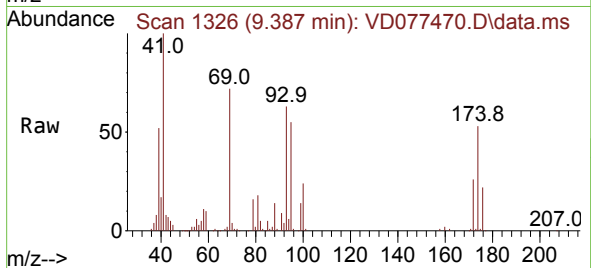
Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :



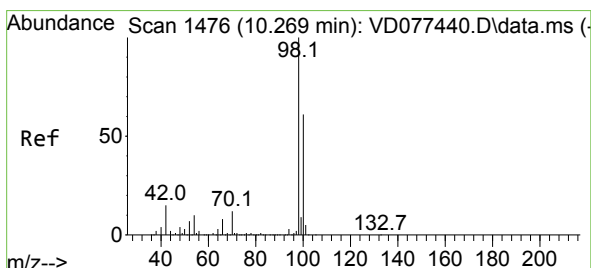
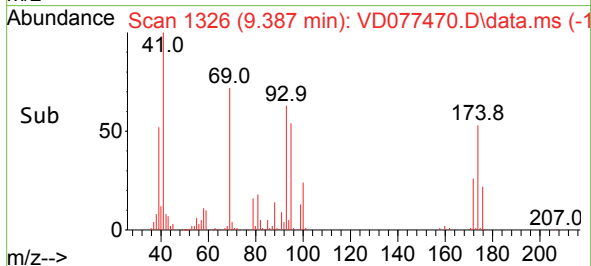
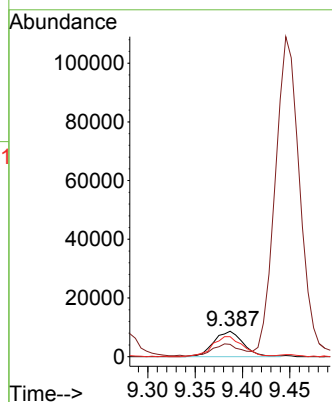
Tgt Ion: 88 Resp: 18702

Ion Ratio Lower Upper

88 100

43 46.5 19.0 28.6#

58 83.0 43.5 65.3#



#50

Toluene-d8

Concen: 52.263 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077470.D

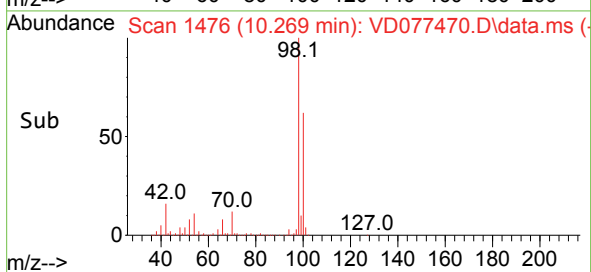
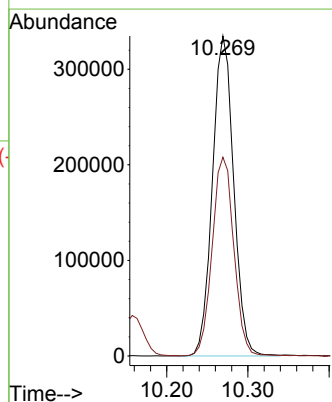
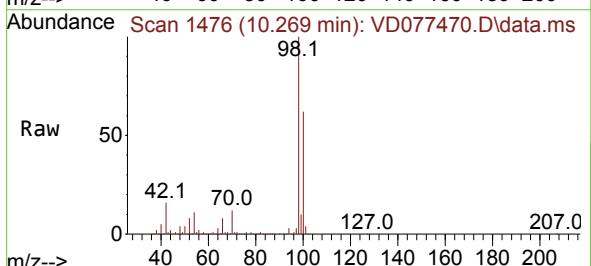
Acq: 31 Oct 2023 19:53

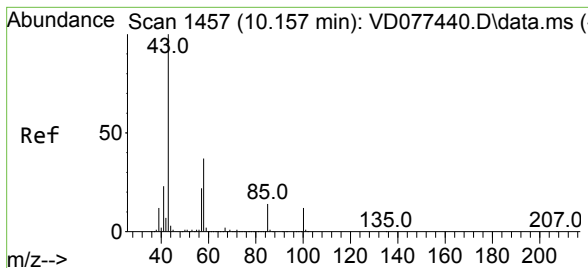
Tgt Ion: 98 Resp: 608335

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5

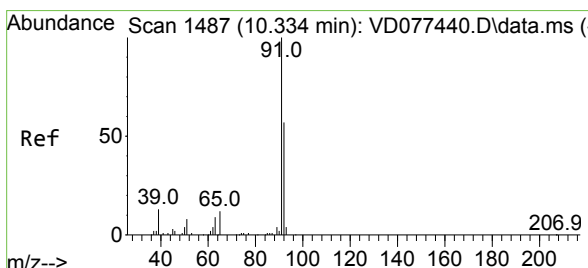
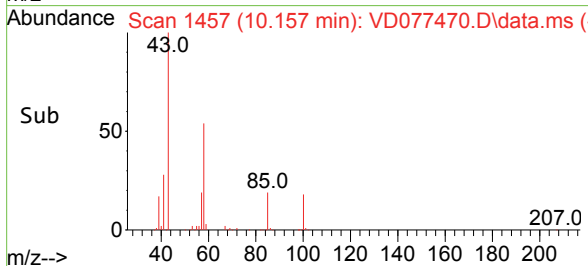
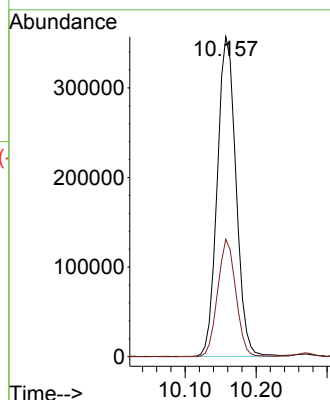
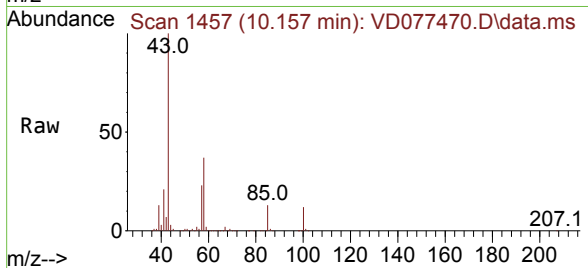




#51
4-Methyl-2-Pentanone
Concen: 252.019 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

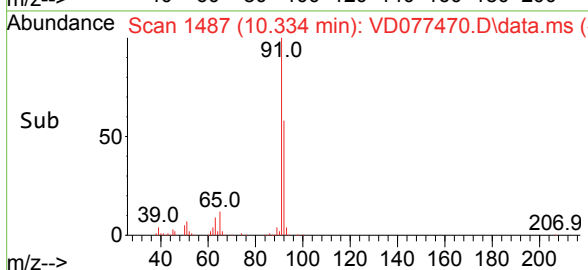
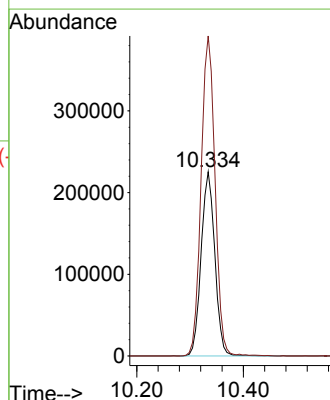
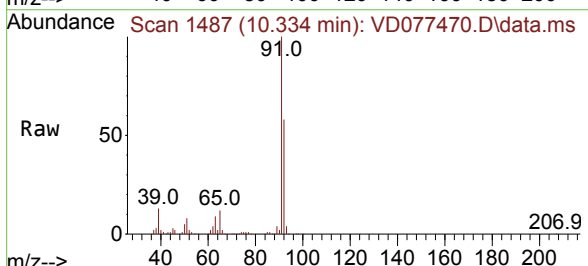
Instrument :
MSVOA_D
ClientSampleId :

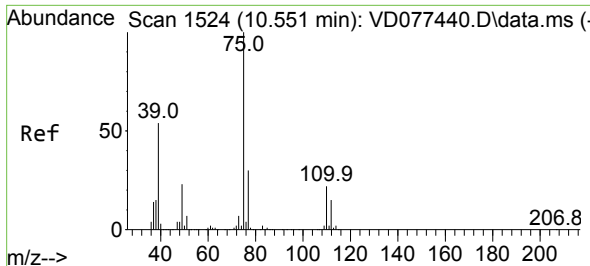
Tgt Ion: 43 Resp: 652727
Ion Ratio Lower Upper
43 100
58 35.7 38.9 58.3#



#52
Toluene
Concen: 52.003 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 92 Resp: 401653
Ion Ratio Lower Upper
92 100
91 177.2 143.0 214.4

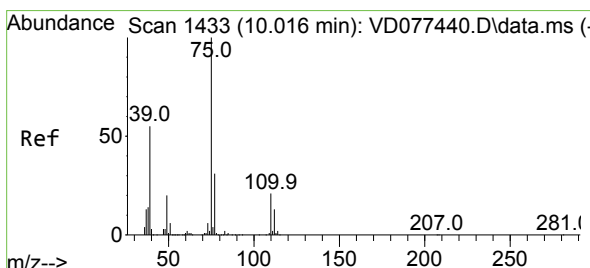
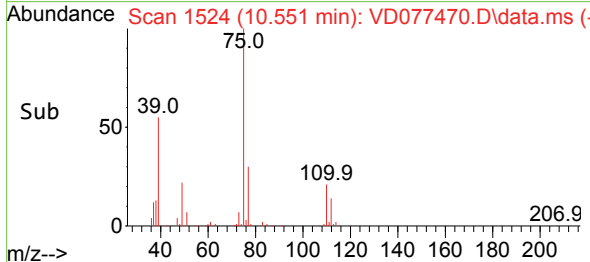
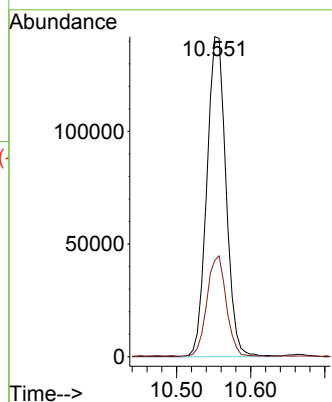
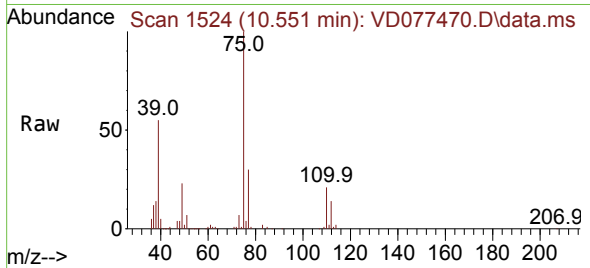




#53
 t-1,3-Dichloropropene
 Concen: 50.761 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

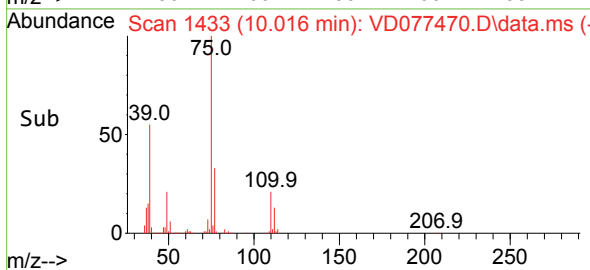
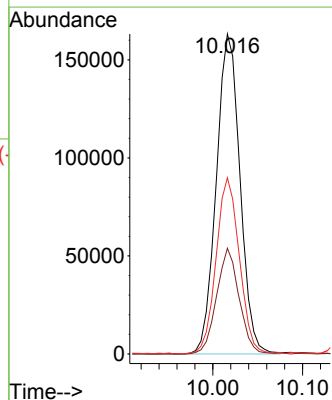
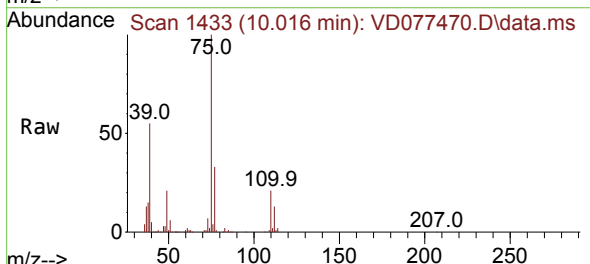
Instrument :
 MSVOA_D
 ClientSampleId :

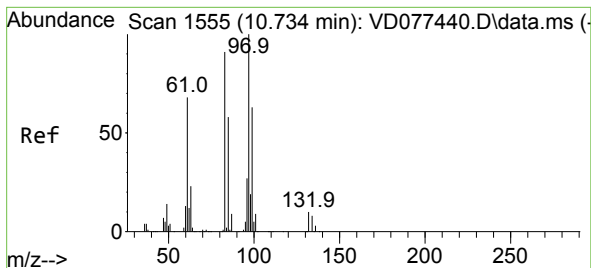
Tgt Ion: 75 Resp: 255022
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.794 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

Tgt Ion: 75 Resp: 299438
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.5 38.3
 39 54.9 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 50.668 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

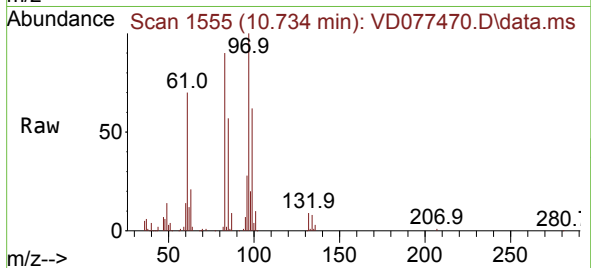
Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 121344

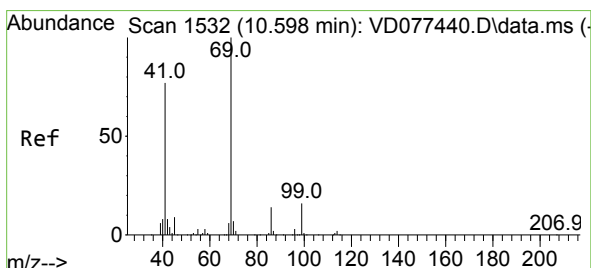
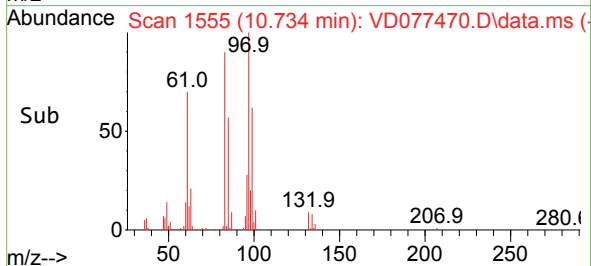
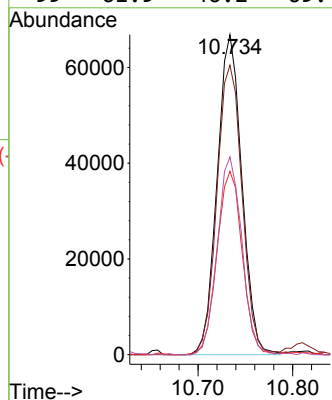
Ion Ratio Lower Upper

97 100

83 90.4 65.8 98.6

85 57.3 45.7 68.5

99 61.9 46.2 69.4



#56

Ethyl methacrylate

Concen: 51.374 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

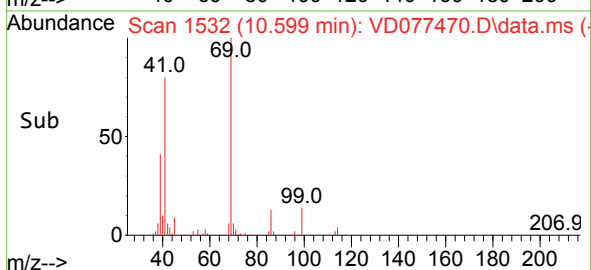
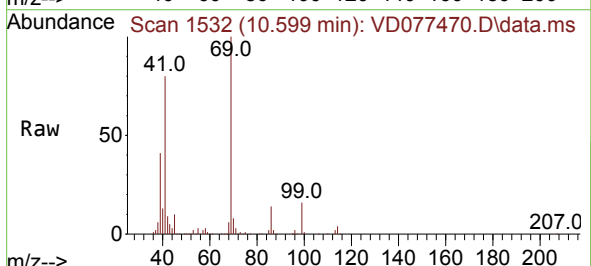
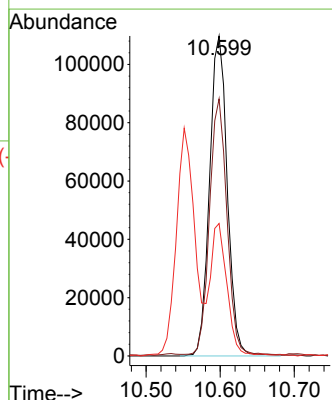
Tgt Ion: 69 Resp: 182930

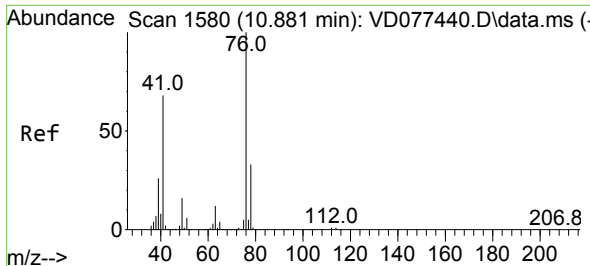
Ion Ratio Lower Upper

69 100

41 78.7 39.1 58.7#

39 36.4 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 51.792 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

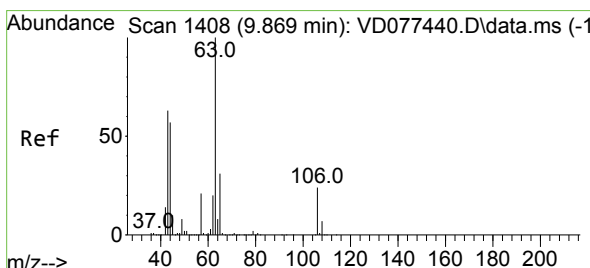
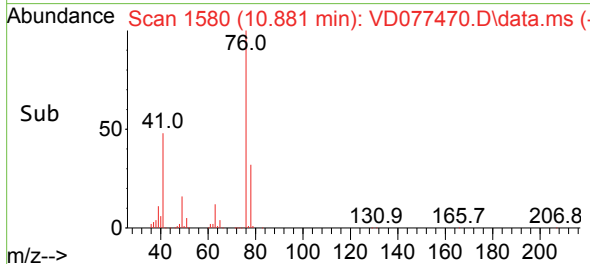
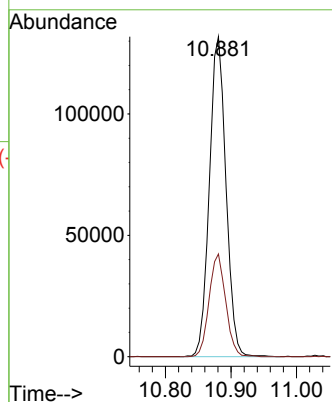
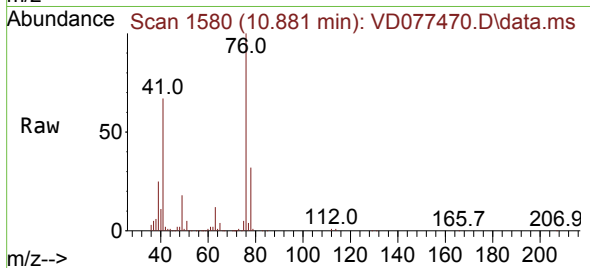
ClientSampleId :

Tgt Ion: 76 Resp: 231840

Ion Ratio Lower Upper

76 100

78 32.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 281.470 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077470.D

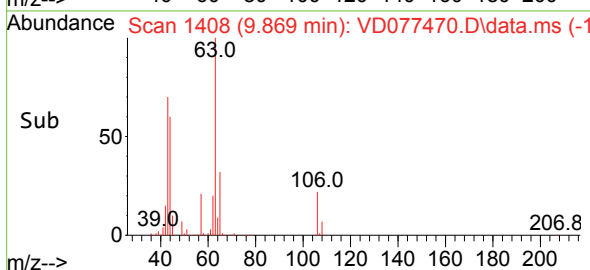
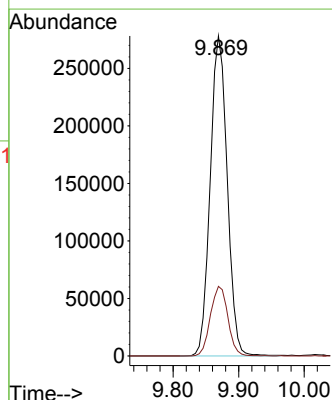
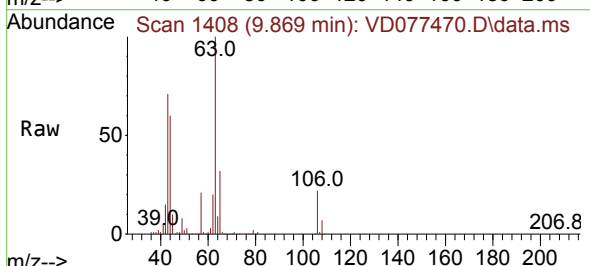
Acq: 31 Oct 2023 19:53

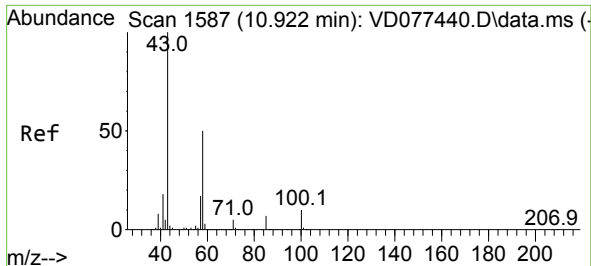
Tgt Ion: 63 Resp: 501756

Ion Ratio Lower Upper

63 100

106 22.3 25.3 37.9#

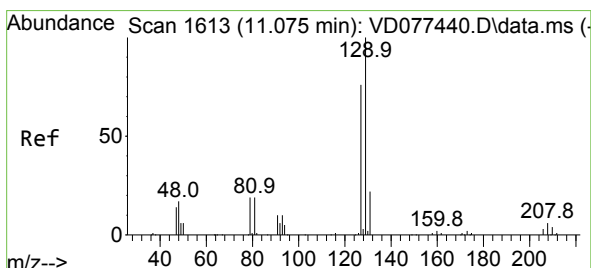
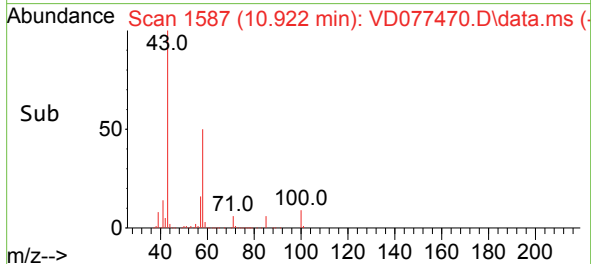
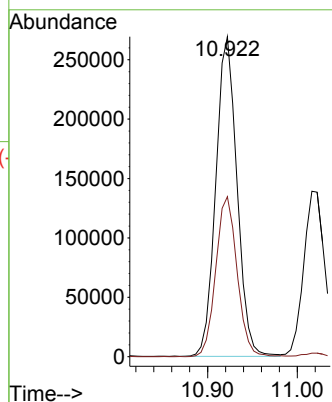
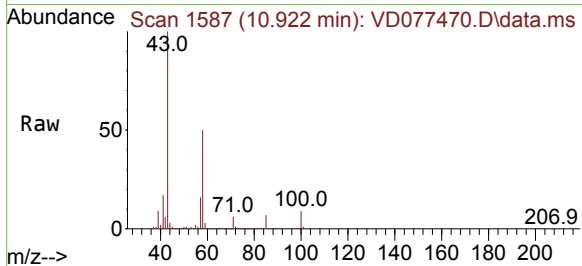




#59
2-Hexanone
Concen: 231.275 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

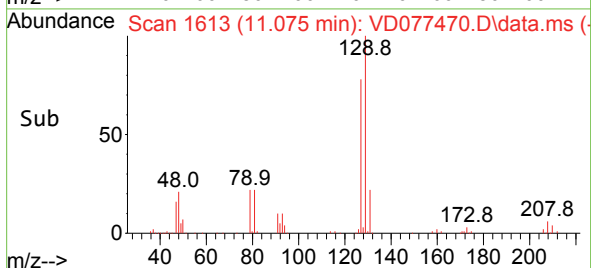
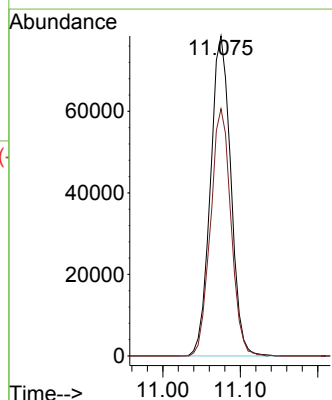
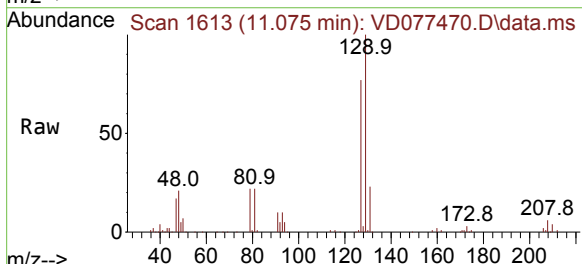
Instrument :
MSVOA_D
ClientSampleId :

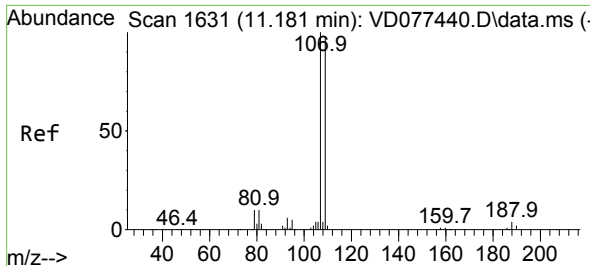
Tgt Ion: 43 Resp: 441263
Ion Ratio Lower Upper
43 100
58 50.4 34.1 102.2



#60
Dibromochloromethane
Concen: 49.657 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 129 Resp: 142998
Ion Ratio Lower Upper
129 100
127 77.5 37.1 111.5

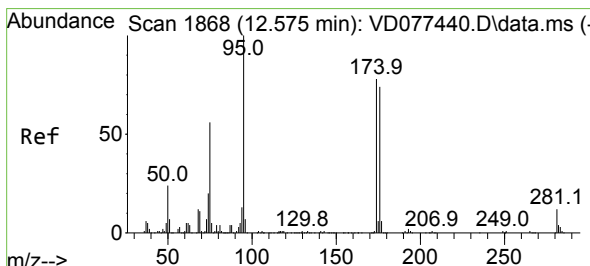
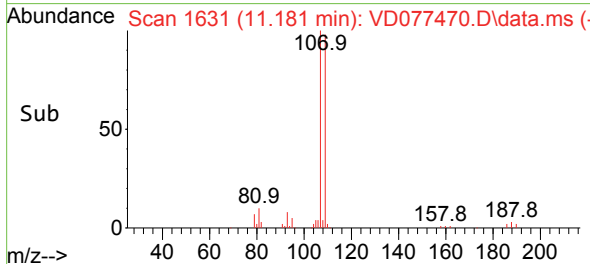
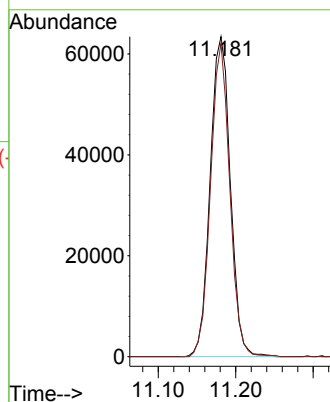
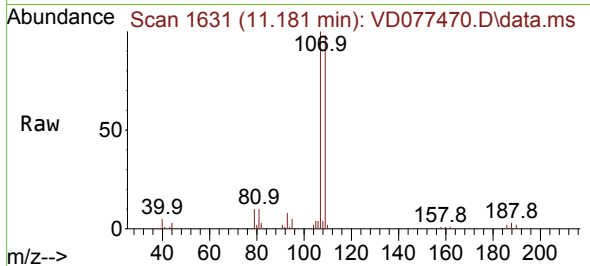




#61
1,2-Dibromoethane
Concen: 50.684 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

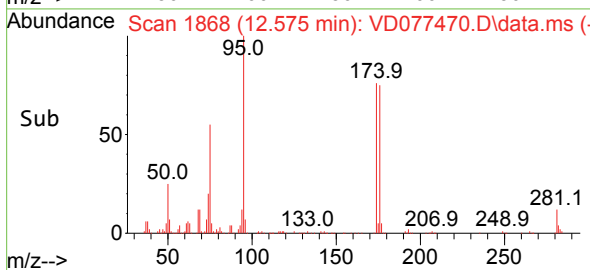
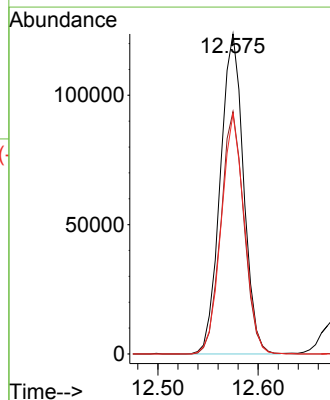
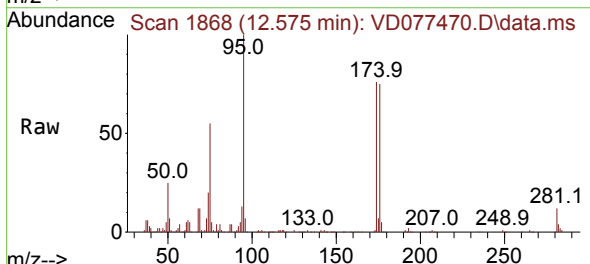
Instrument :
MSVOA_D
ClientSampleId :

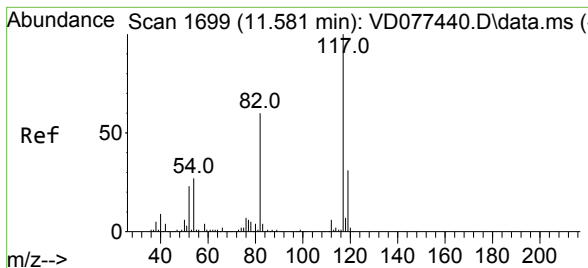
Tgt Ion:107 Resp: 114949
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.788 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 95 Resp: 199110
Ion Ratio Lower Upper
95 100
174 75.1 0.0 201.8
176 74.3 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

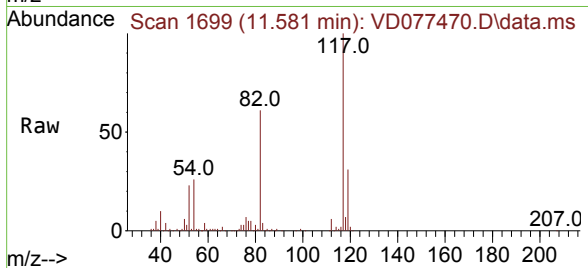
Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :



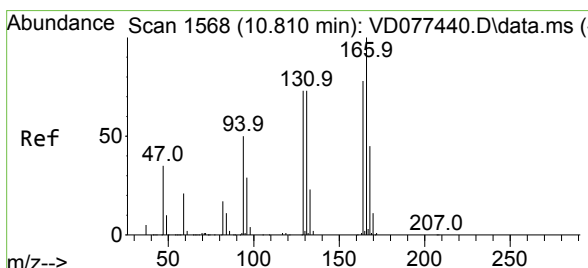
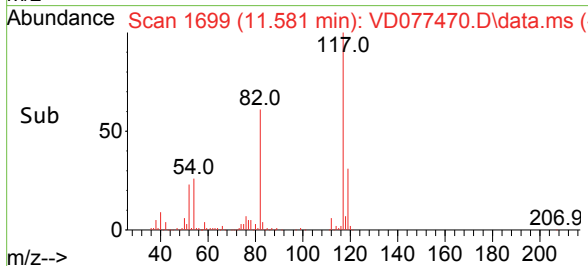
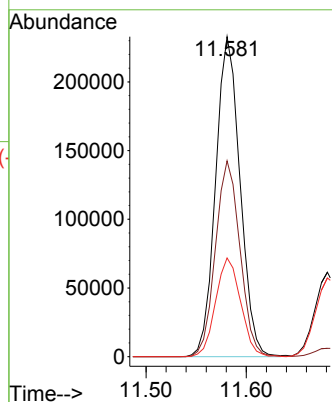
Tgt Ion:117 Resp: 394142

Ion Ratio Lower Upper

117 100

82 61.2 38.3 57.5#

119 30.8 25.0 37.4



#64

Tetrachloroethene

Concen: 47.382 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Tgt Ion:164 Resp: 118898

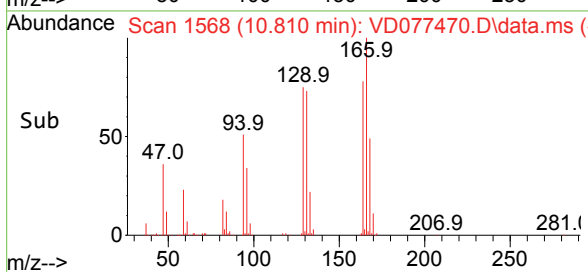
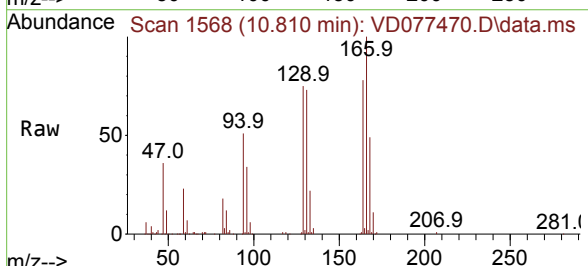
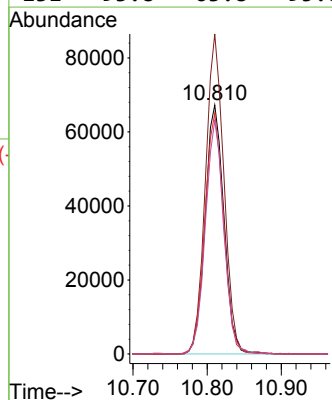
Ion Ratio Lower Upper

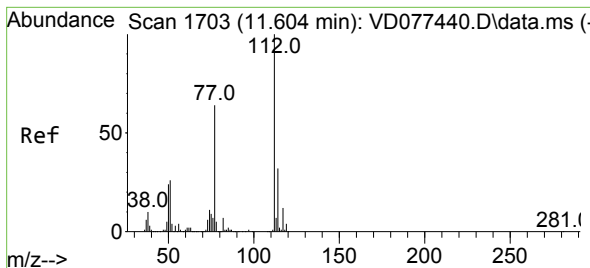
164 100

166 128.6 99.2 148.8

129 96.8 68.4 102.6

131 93.8 63.8 95.8





#65

Chlorobenzene

Concen: 49.443 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

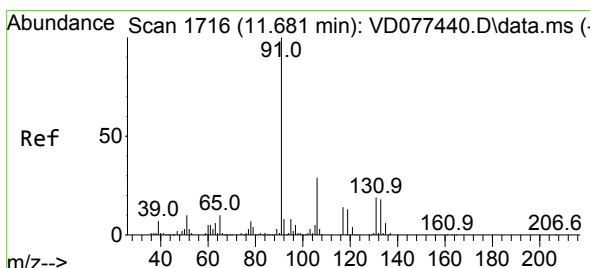
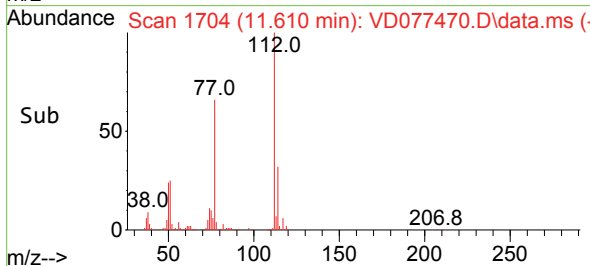
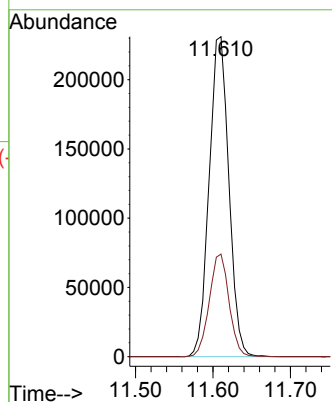
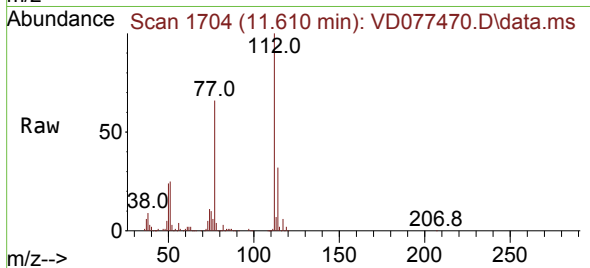
ClientSampleId :

Tgt Ion:112 Resp: 408265

Ion Ratio Lower Upper

112 100

114 32.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 48.277 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

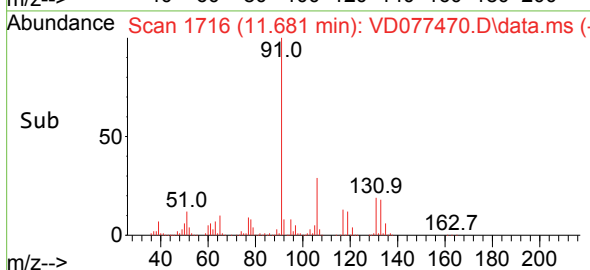
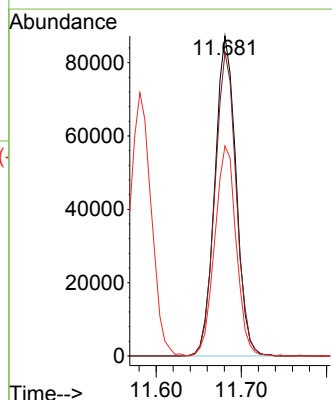
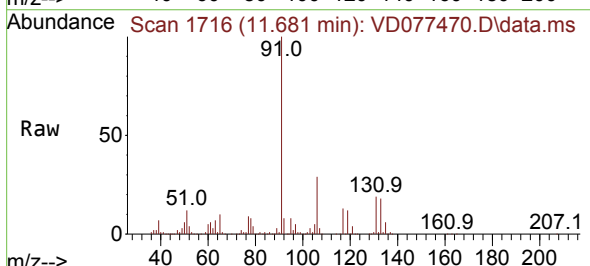
Tgt Ion:131 Resp: 150640

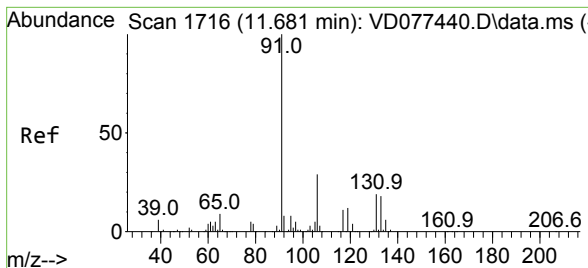
Ion Ratio Lower Upper

131 100

133 95.3 48.5 145.5

119 66.6 35.6 106.9





#67

Ethyl Benzene

Concen: 50.084 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

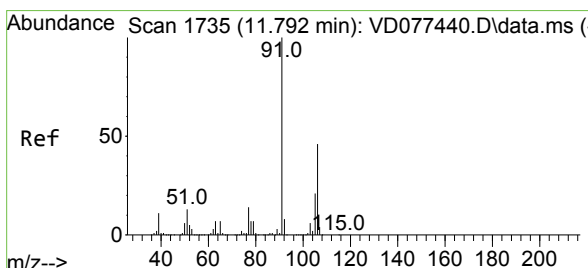
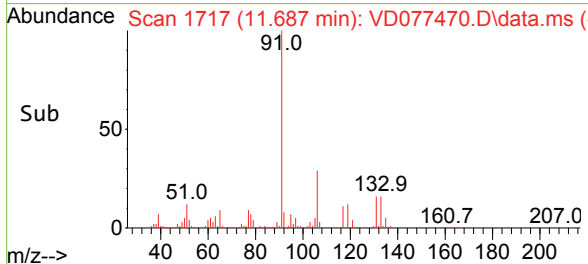
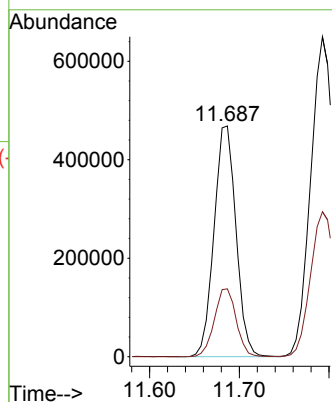
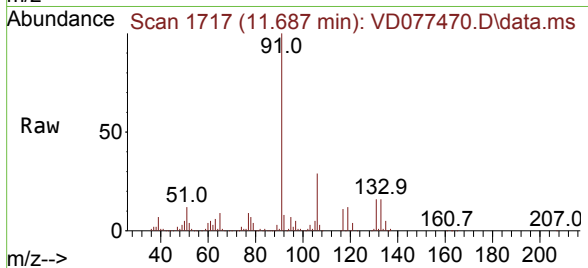
ClientSampleId :

Tgt Ion: 91 Resp: 795718

Ion Ratio Lower Upper

91 100

106 29.4 26.5 39.7



#68

m/p-Xylenes

Concen: 99.294 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077470.D

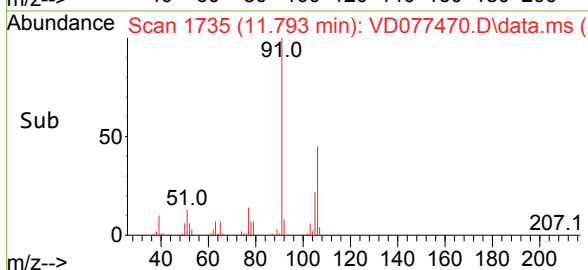
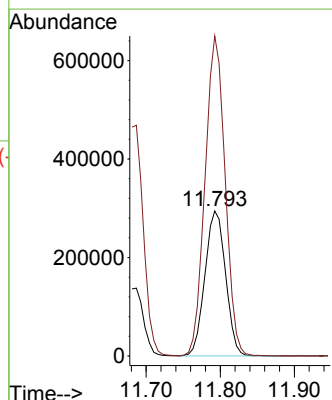
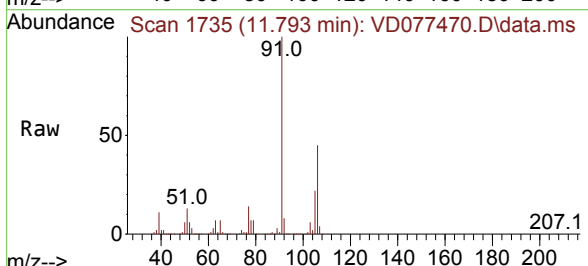
Acq: 31 Oct 2023 19:53

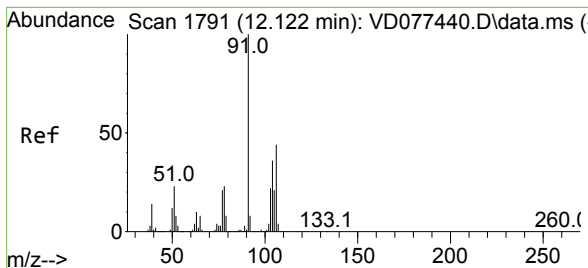
Tgt Ion:106 Resp: 569673

Ion Ratio Lower Upper

106 100

91 215.1 147.0 220.6

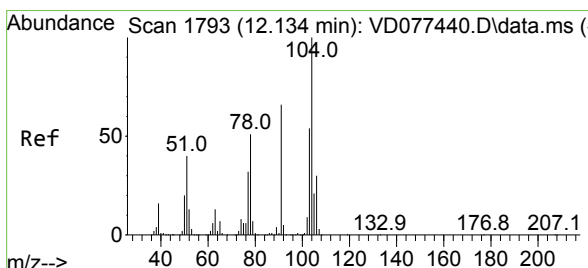
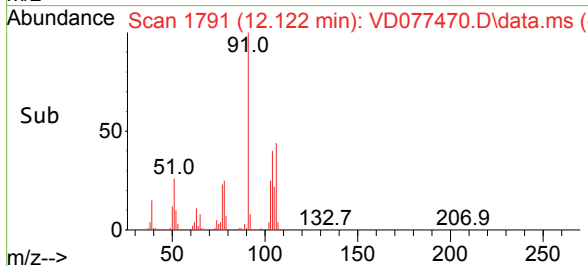
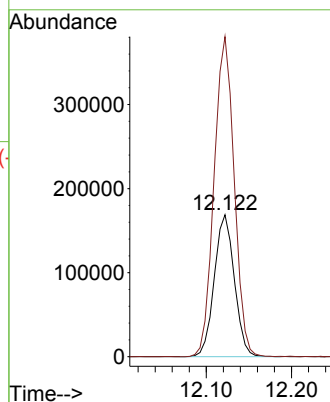
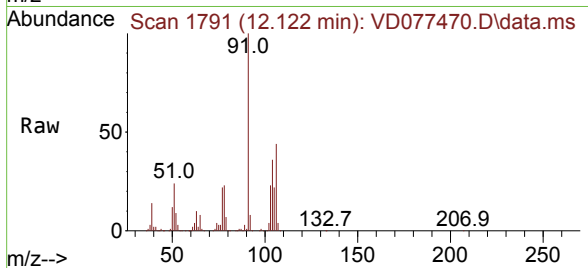




#69
o-Xylene
Concen: 50.196 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

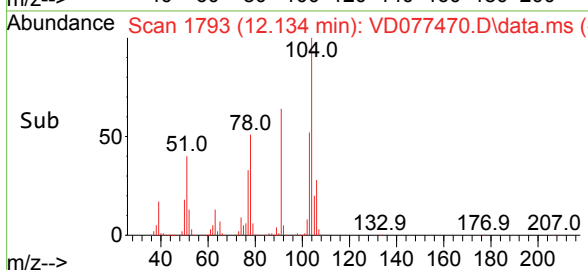
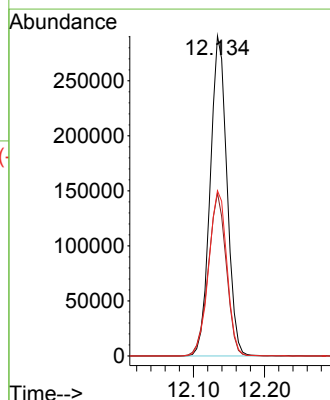
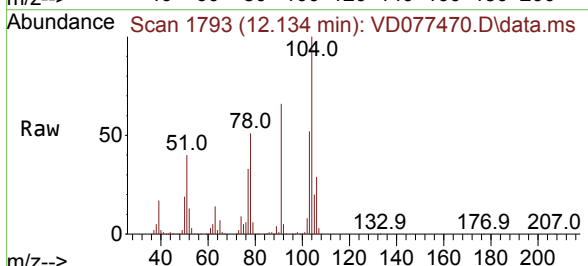
Instrument :
MSVOA_D
ClientSampleId :

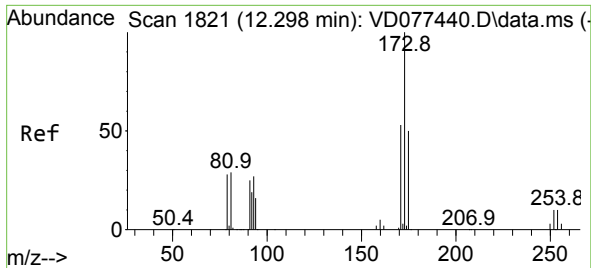
Tgt Ion:106 Resp: 275845
Ion Ratio Lower Upper
106 100
91 226.7 97.9 293.6



#70
Styrene
Concen: 50.322 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion:104 Resp: 477074
Ion Ratio Lower Upper
104 100
78 54.6 33.2 49.8#
103 56.2 43.6 65.4

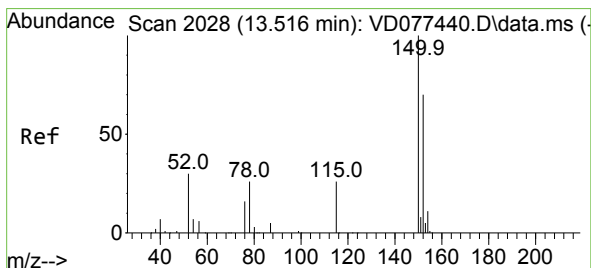
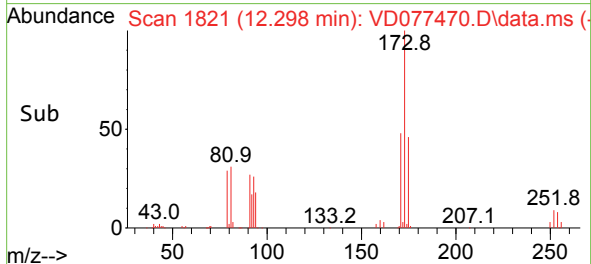
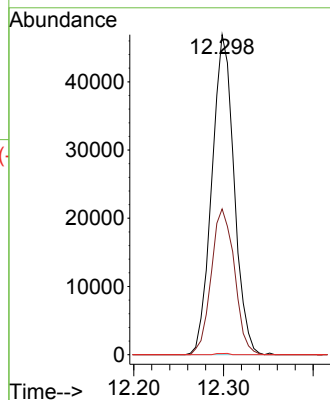
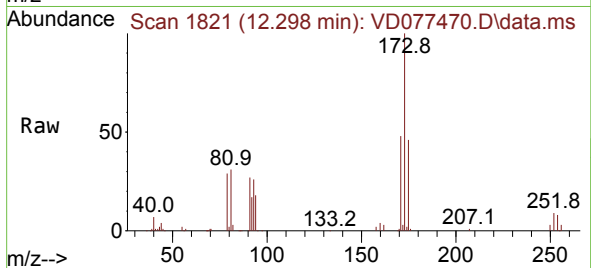




#71
Bromoform
Concen: 46.653 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

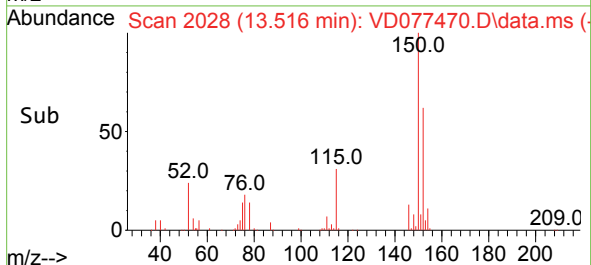
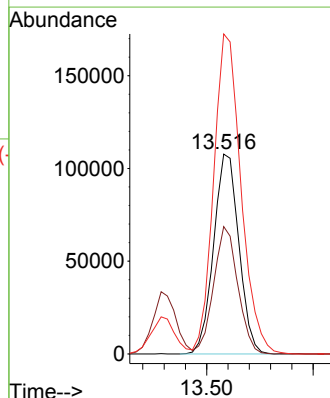
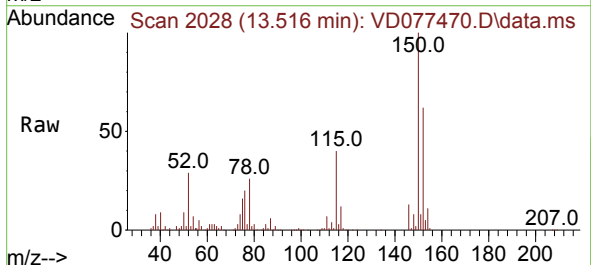
Instrument :
MSVOA_D
ClientSampleId :

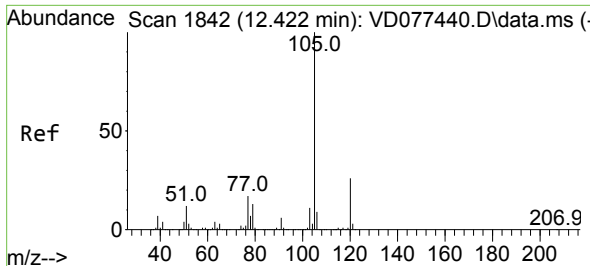
Tgt Ion:173 Resp: 80707
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.8
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

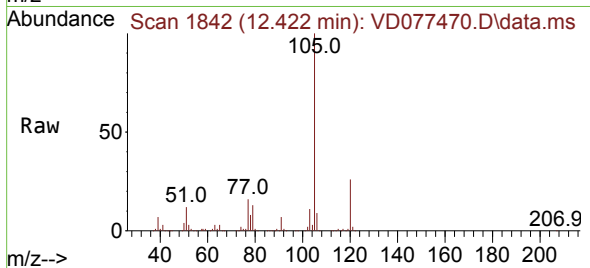
Tgt Ion:152 Resp: 177041
Ion Ratio Lower Upper
152 100
115 61.1 27.1 81.3
150 173.6 0.0 353.6



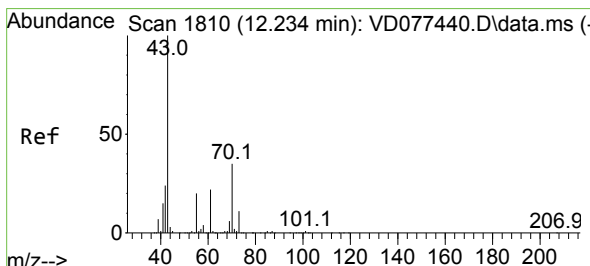
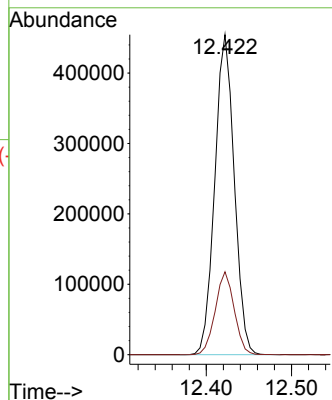
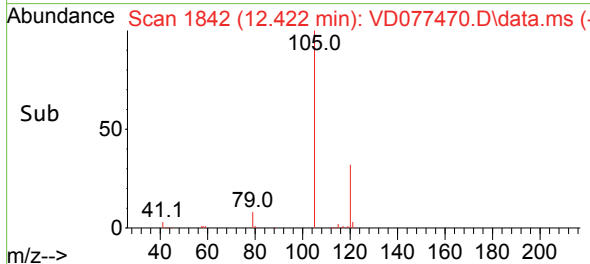


#73
Isopropylbenzene
Concen: 49.938 ug/l
RT: 12.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

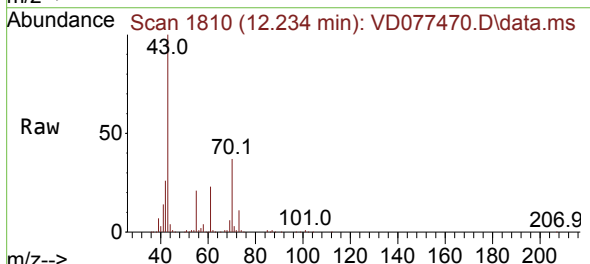
Instrument :
MSVOA_D
ClientSampleId :



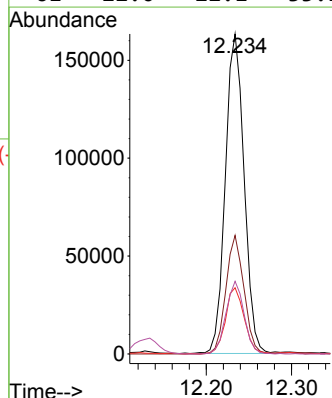
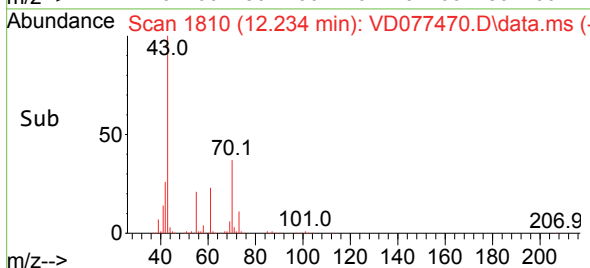
Tgt Ion:105 Resp: 720817
Ion Ratio Lower Upper
105 100
120 25.2 14.3 42.9

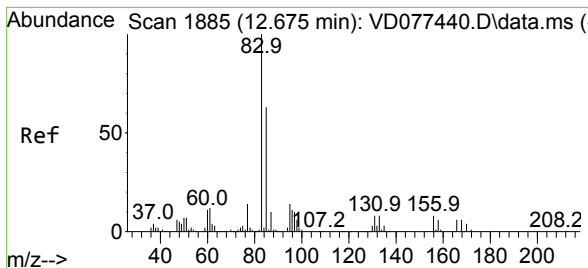


#74
N-ethyl acetate
Concen: 48.913 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53



Tgt Ion: 43 Resp: 250076
Ion Ratio Lower Upper
43 100
70 35.7 45.0 67.4#
55 20.8 23.8 35.6#
61 22.0 22.1 33.1#

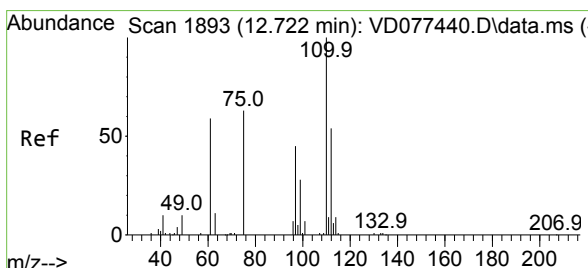
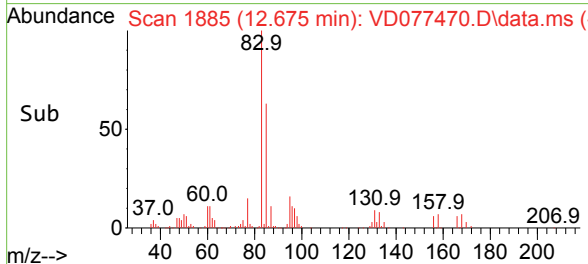
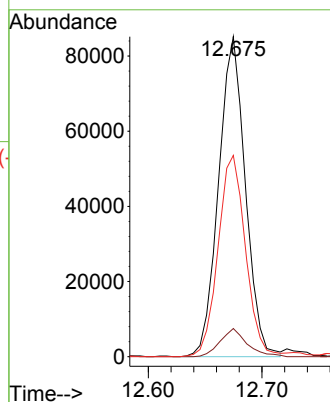
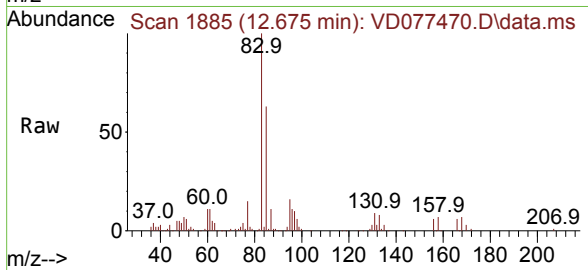




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.269 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

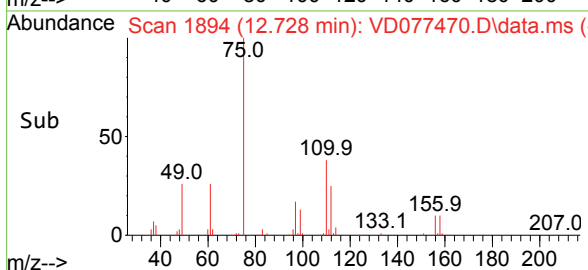
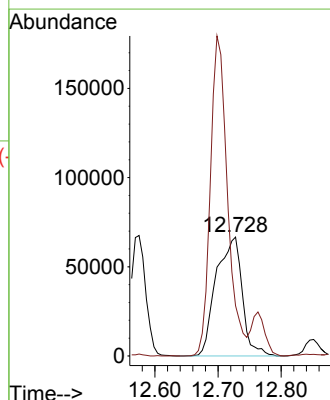
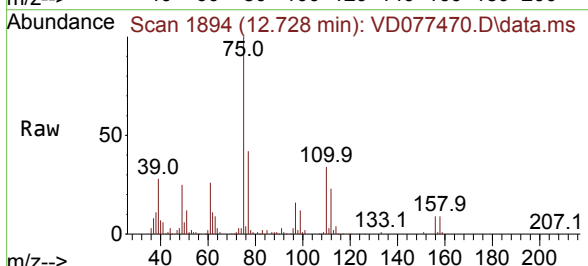
Instrument :
 MSVOA_D
 ClientSampleId :

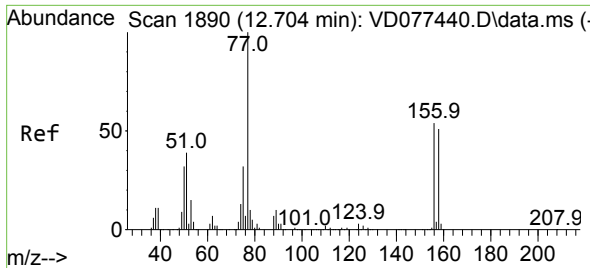
Tgt Ion: 83 Resp: 139403
 Ion Ratio Lower Upper
 83 100
 131 8.8 5.1 15.3
 85 64.3 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 88.627 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

Tgt Ion: 75 Resp: 190969
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

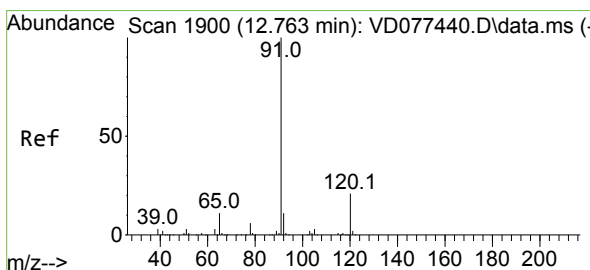
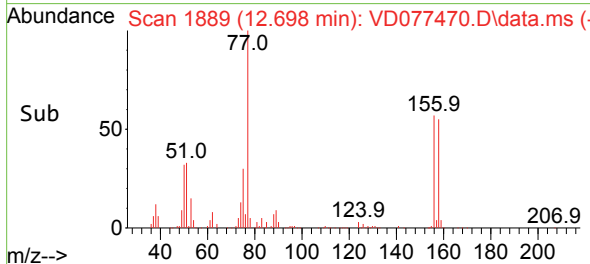
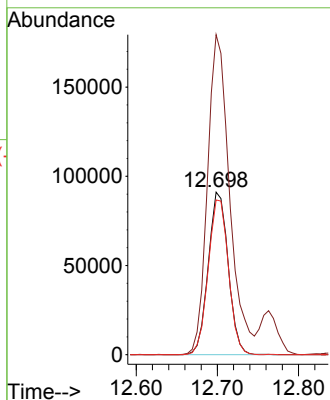
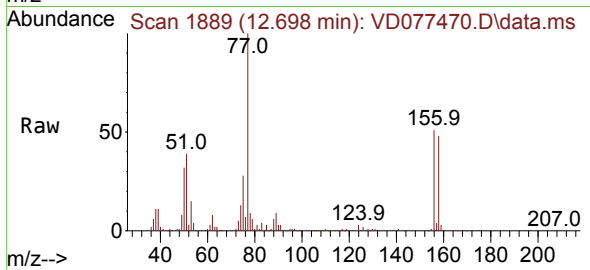




#77
Bromobenzene
Concen: 48.977 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

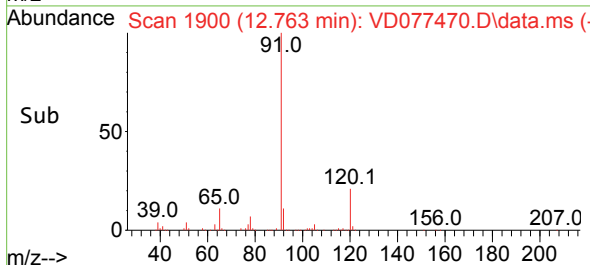
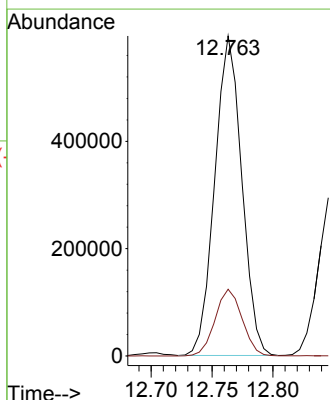
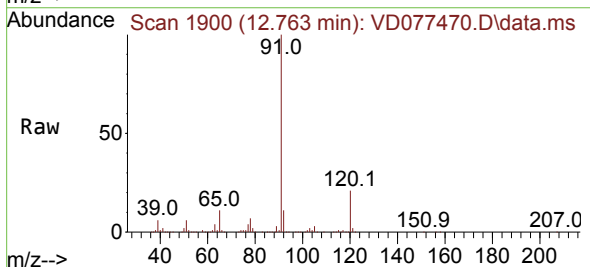
Instrument :
MSVOA_D
ClientSampleId :

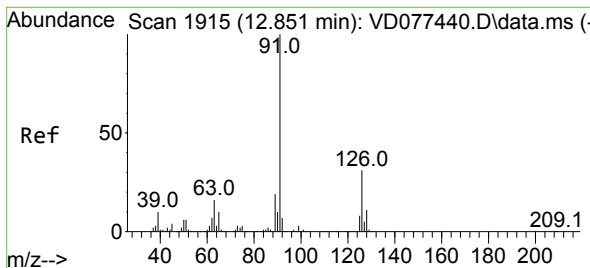
Tgt Ion:156 Resp: 155607
Ion Ratio Lower Upper
156 100
77 218.6 76.8 230.4
158 96.9 48.6 145.9



#78
n-propylbenzene
Concen: 50.194 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 91 Resp: 919939
Ion Ratio Lower Upper
91 100
120 20.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 49.799 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

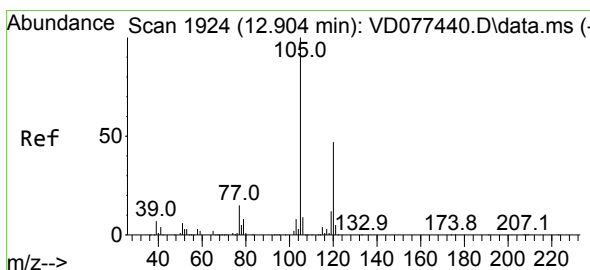
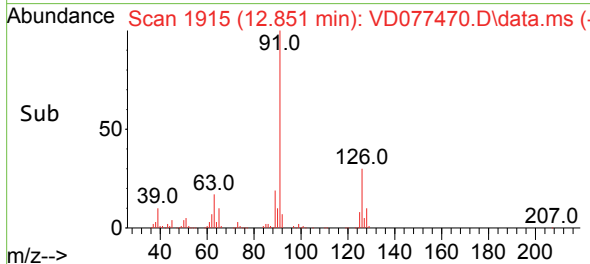
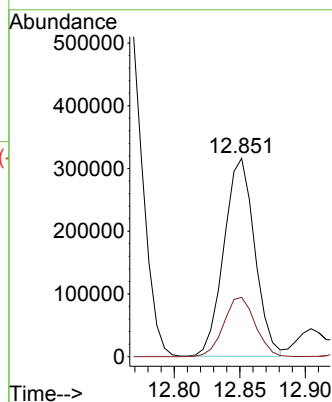
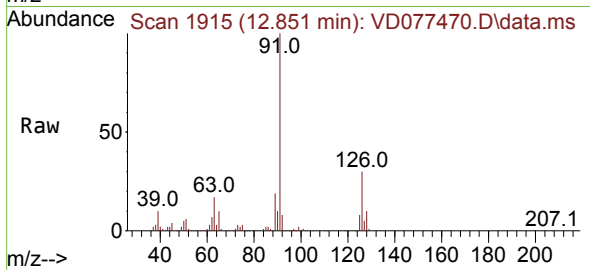
ClientSampleId :

Tgt Ion: 91 Resp: 516777

Ion Ratio Lower Upper

91 100

126 30.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 49.198 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077470.D

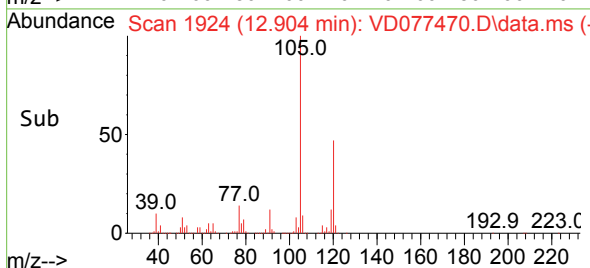
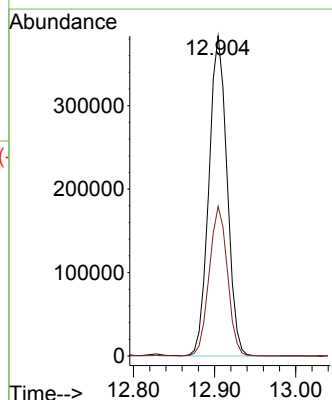
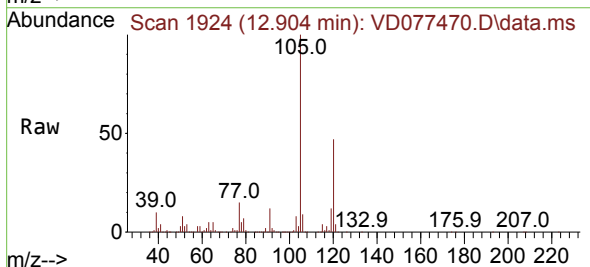
Acq: 31 Oct 2023 19:53

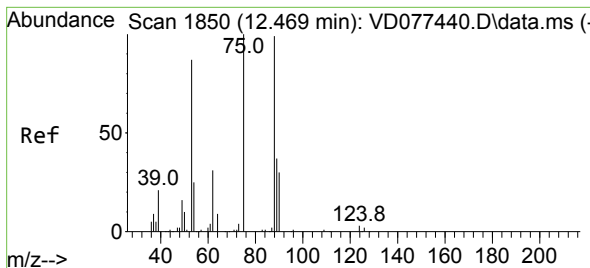
Tgt Ion:105 Resp: 595863

Ion Ratio Lower Upper

105 100

120 46.9 26.4 79.2

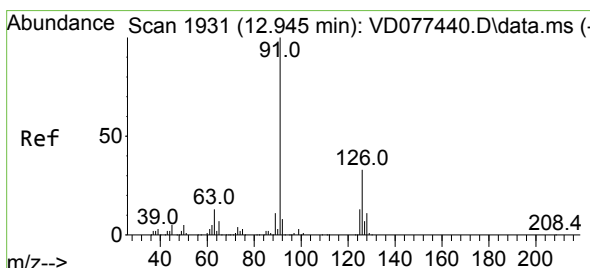
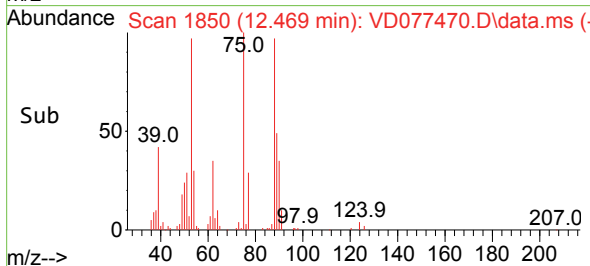
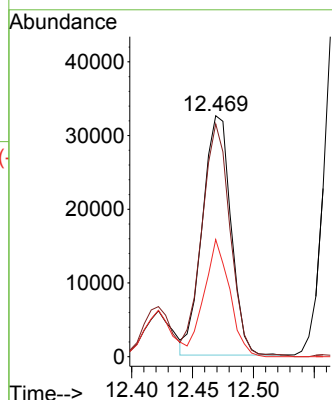
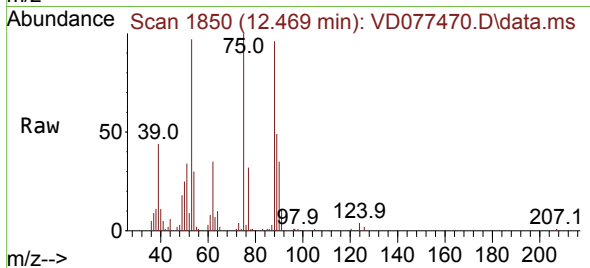




#81
trans-1,4-Dichloro-2-butene
Concen: 47.566 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

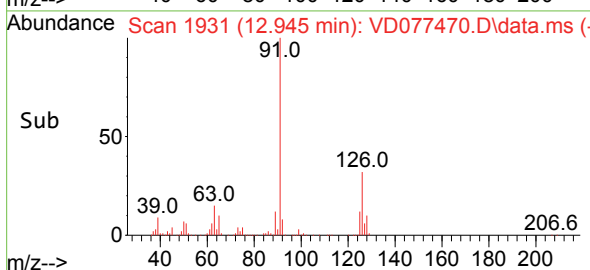
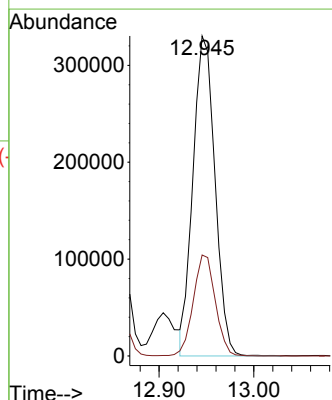
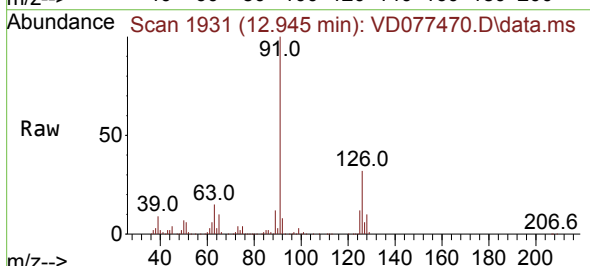
Instrument :
MSVOA_D
ClientSampleId :

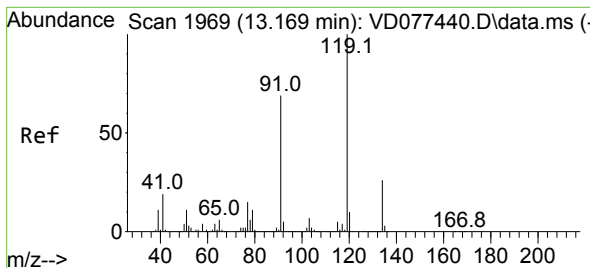
Tgt Ion: 75 Resp: 53060
Ion Ratio Lower Upper
75 100
53 96.9 63.0 94.4#
89 43.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 49.343 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion: 91 Resp: 533368
Ion Ratio Lower Upper
91 100
126 31.7 19.4 58.4





#83

tert-Butylbenzene

Concen: 49.516 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

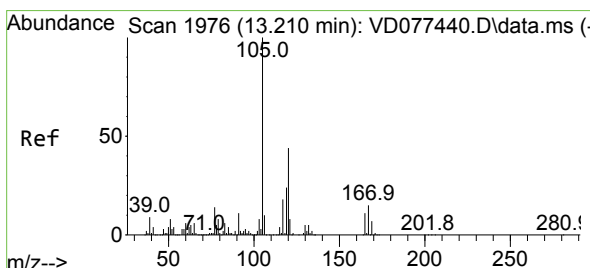
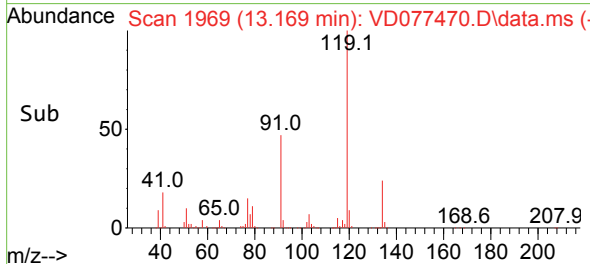
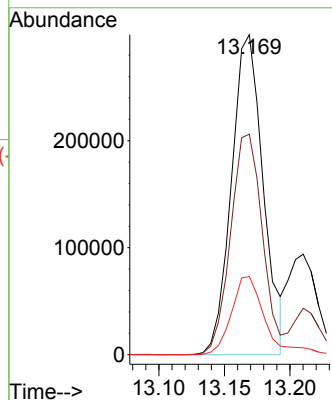
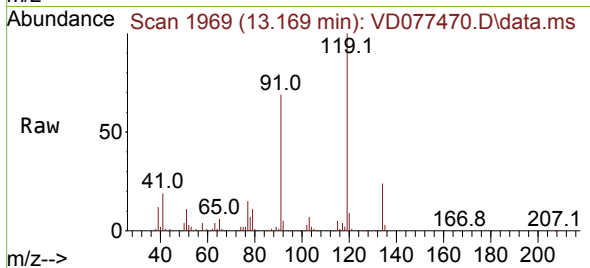
Tgt Ion:119 Resp: 504216

Ion Ratio Lower Upper

119 100

91 68.9 29.3 87.8

134 25.8 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 50.280 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077470.D

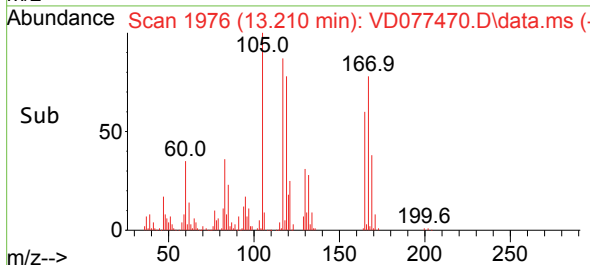
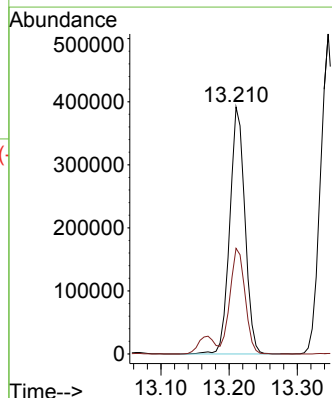
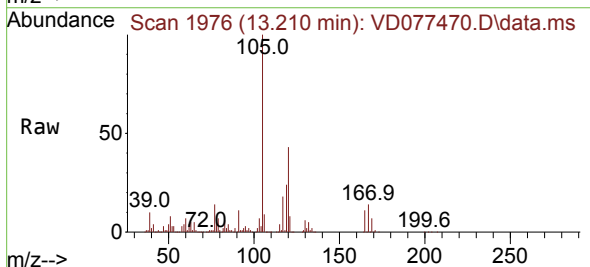
Acq: 31 Oct 2023 19:53

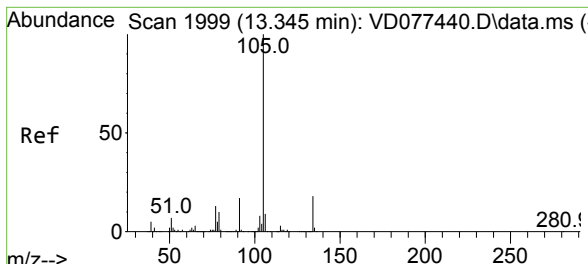
Tgt Ion:105 Resp: 604936

Ion Ratio Lower Upper

105 100

120 42.5 24.3 72.9

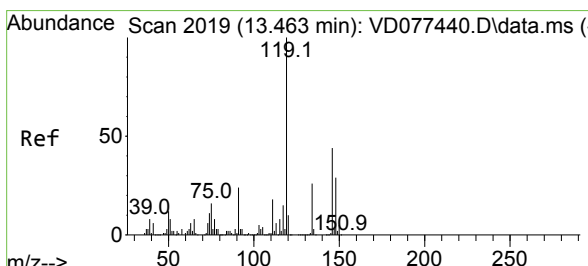
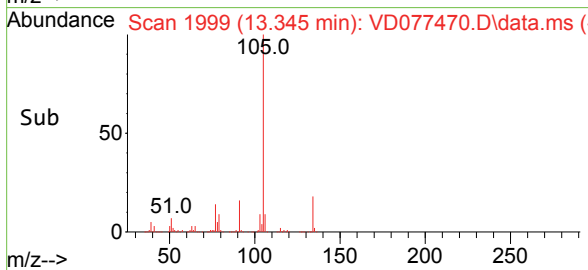
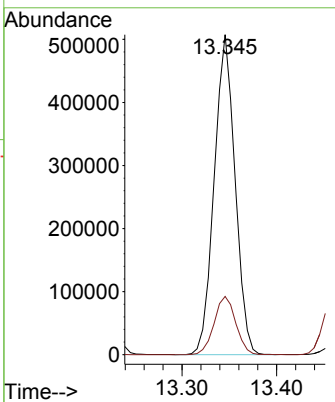
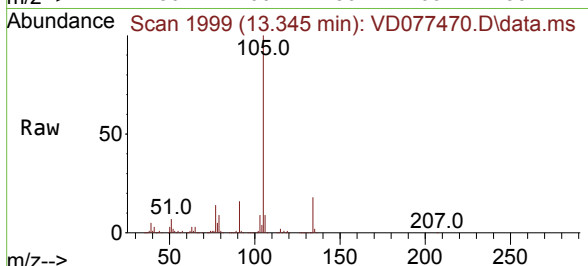




#85
 sec-Butylbenzene
 Concen: 49.742 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

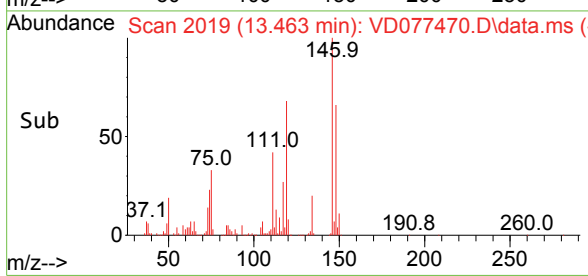
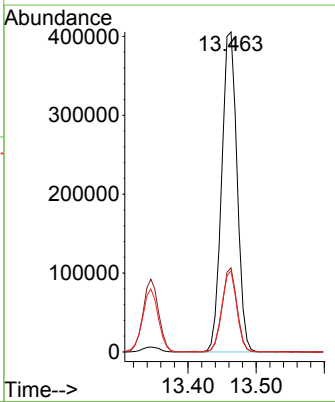
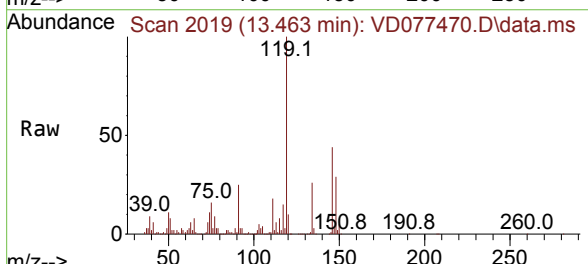
Instrument :
 MSVOA_D
 ClientSampleId :

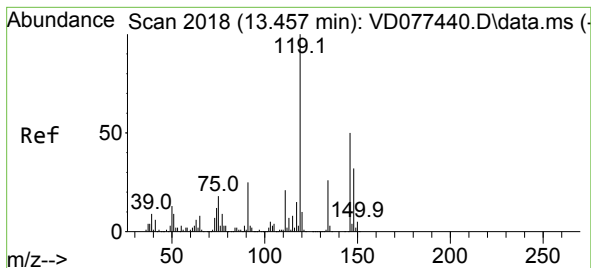
Tgt Ion:	105	Resp:	775005
Ion Ratio	Lower	Upper	
105	100		
134	18.9	10.9	32.9



#86
 p-Isopropyltoluene
 Concen: 50.267 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

Tgt Ion:	119	Resp:	636596
Ion Ratio	Lower	Upper	
119	100		
134	25.3	14.2	42.6
91	24.7	10.5	31.5





#87

1,3-Dichlorobenzene

Concen: 49.213 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

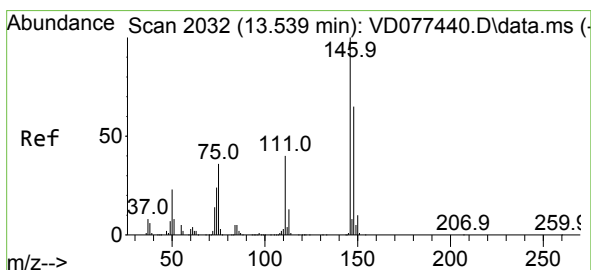
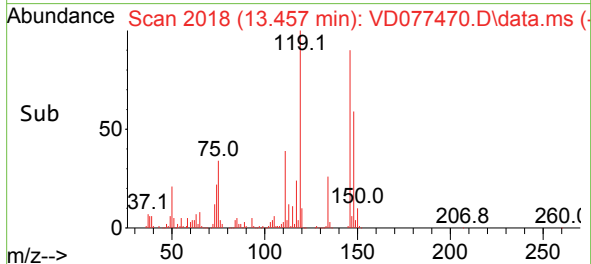
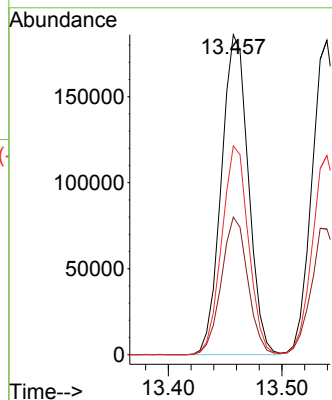
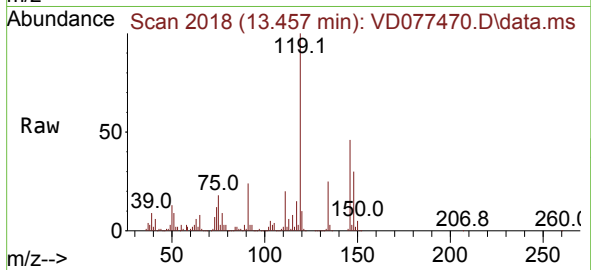
Tgt Ion:146 Resp: 307351

Ion Ratio Lower Upper

146 100

111 42.2 17.9 53.8

148 64.5 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 49.053 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

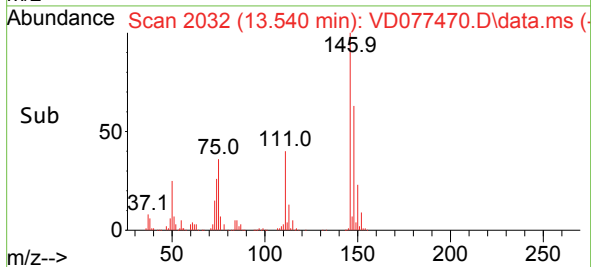
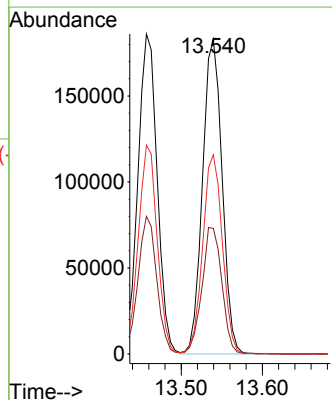
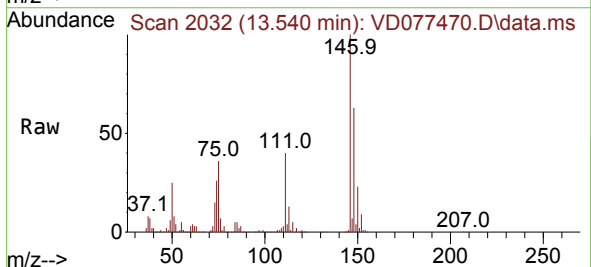
Tgt Ion:146 Resp: 306075

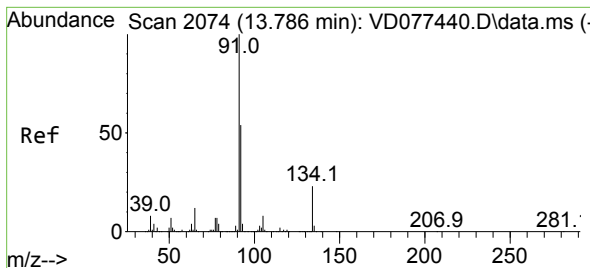
Ion Ratio Lower Upper

146 100

111 41.0 17.4 52.3

148 63.5 31.7 95.1





#89

n-Butylbenzene

Concen: 49.448 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

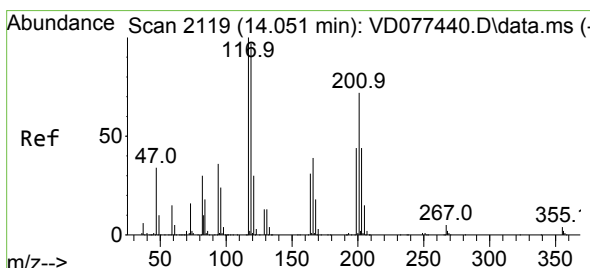
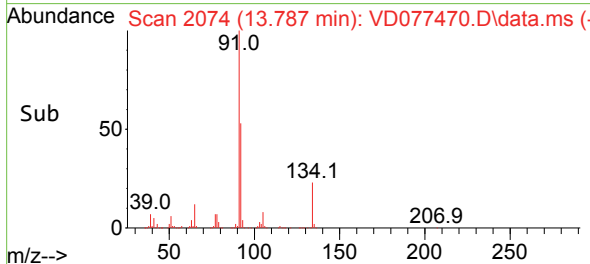
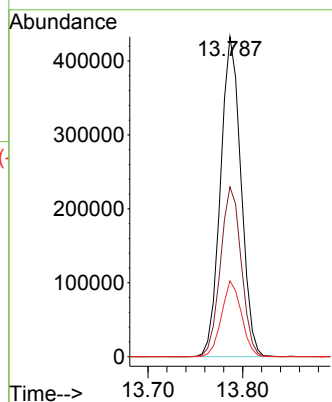
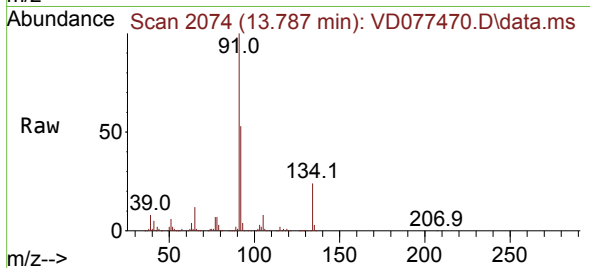
Tgt Ion: 91 Resp: 650872

Ion Ratio Lower Upper

91 100

92 53.9 26.5 79.5

134 23.0 13.8 41.3



#90

Hexachloroethane

Concen: 47.666 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077470.D

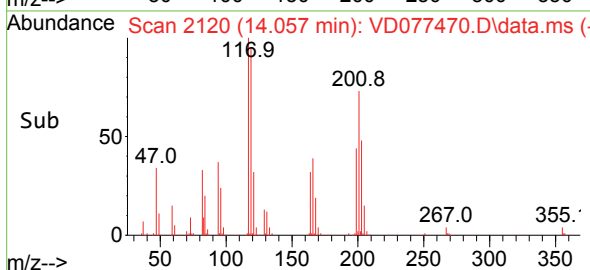
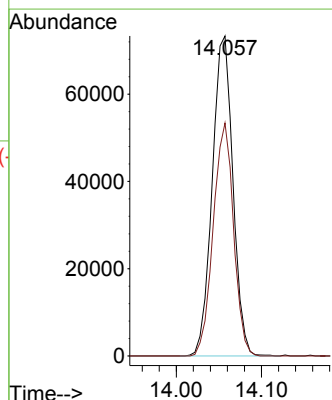
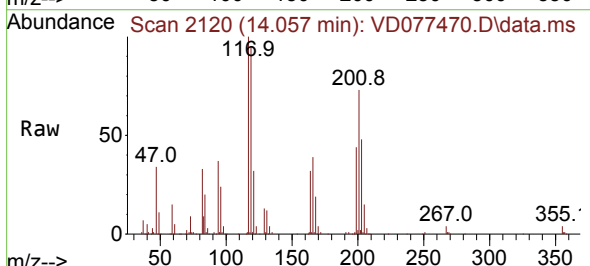
Acq: 31 Oct 2023 19:53

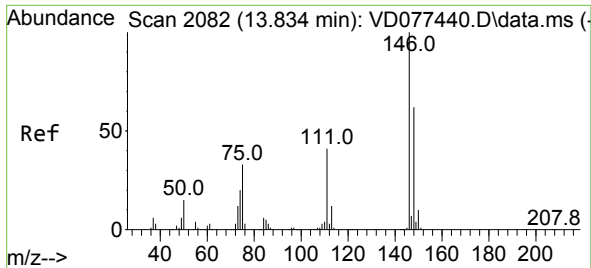
Tgt Ion: 117 Resp: 123527

Ion Ratio Lower Upper

117 100

201 71.6 38.5 115.5

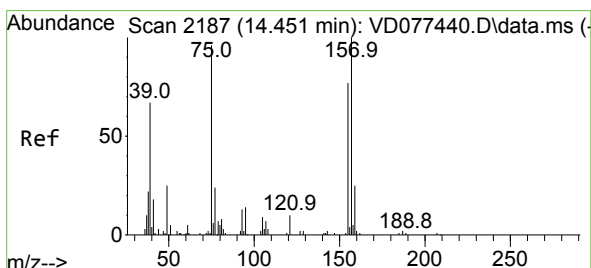
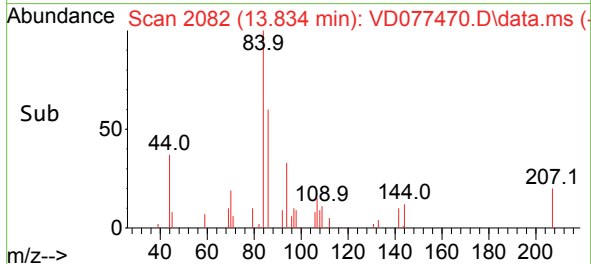
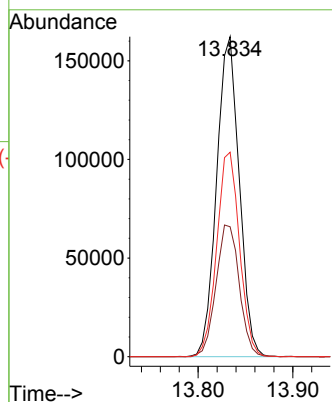
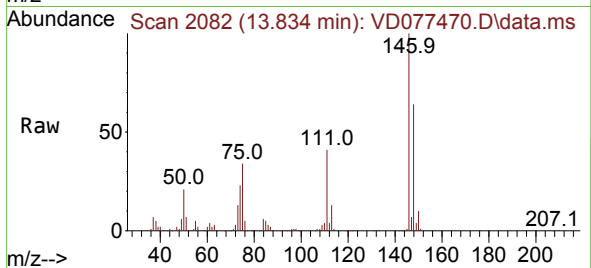




#91
 1,2-Dichlorobenzene
 Concen: 49.061 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

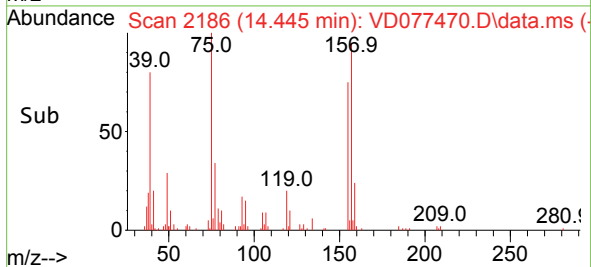
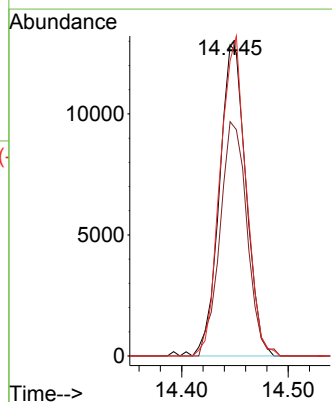
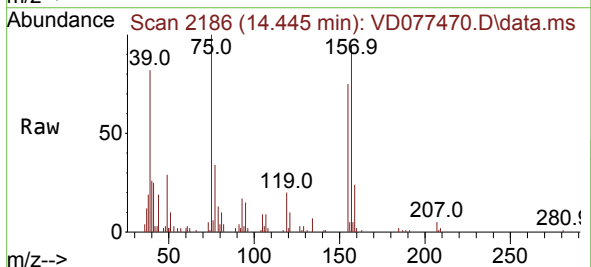
Instrument :
 MSVOA_D
 ClientSampleId :

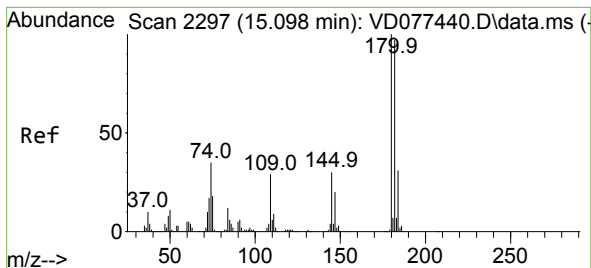
Tgt Ion:146 Resp: 269270
 Ion Ratio Lower Upper
 146 100
 111 42.4 18.3 54.8
 148 64.5 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.662 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD077470.D
 Acq: 31 Oct 2023 19:53

Tgt Ion: 75 Resp: 22242
 Ion Ratio Lower Upper
 75 100
 155 76.6 47.9 143.8
 157 100.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 47.340 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

Instrument :

MSVOA_D

ClientSampleId :

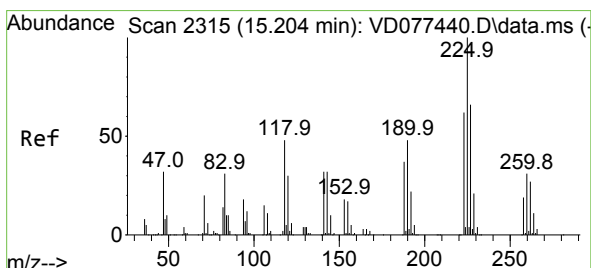
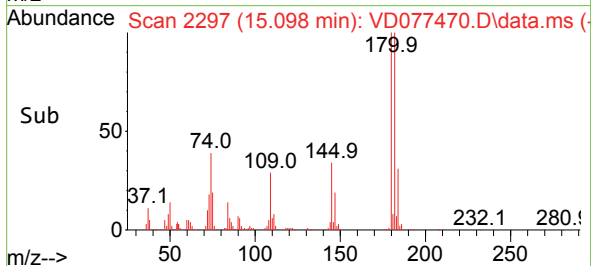
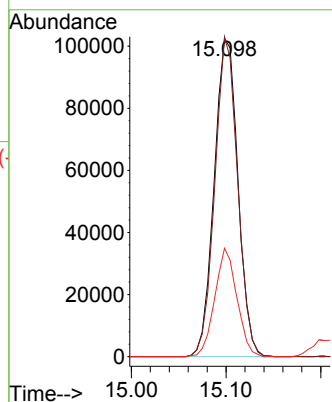
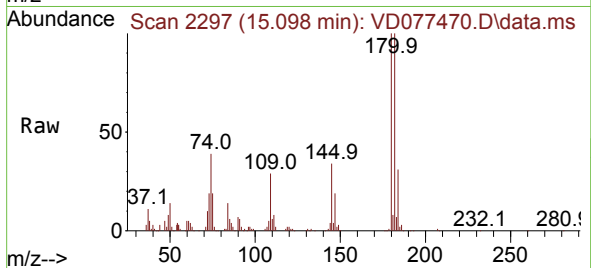
Tgt Ion:180 Resp: 178495

Ion Ratio Lower Upper

180 100

182 96.2 48.5 145.6

145 31.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 46.526 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077470.D

Acq: 31 Oct 2023 19:53

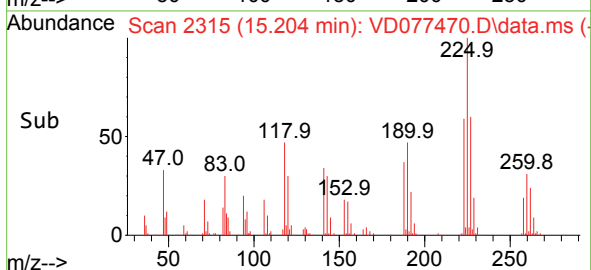
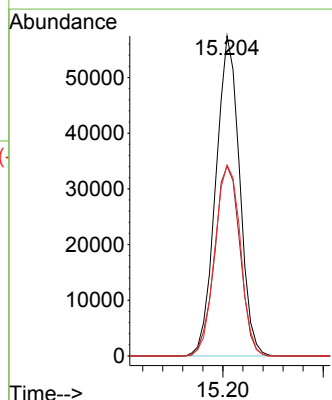
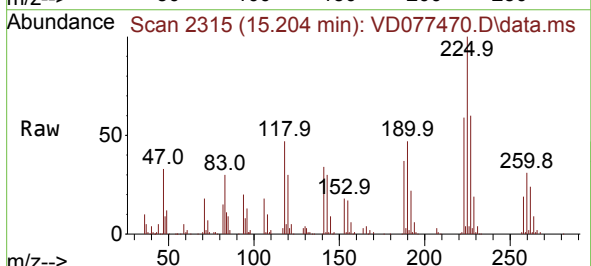
Tgt Ion:225 Resp: 94626

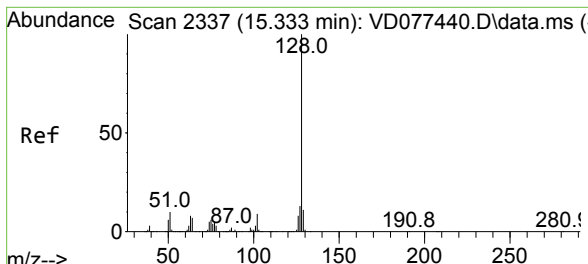
Ion Ratio Lower Upper

225 100

223 62.9 31.6 94.8

227 63.9 31.7 95.1

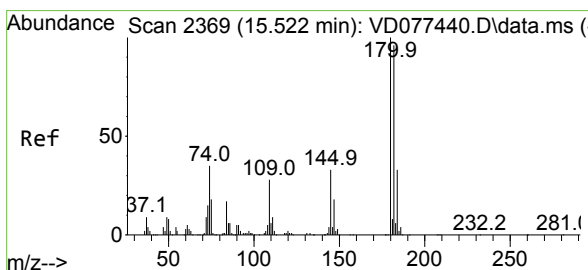
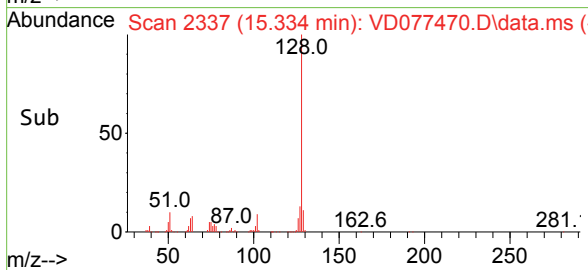
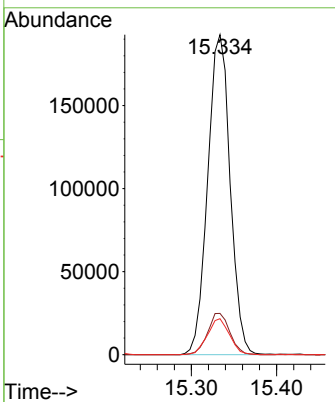
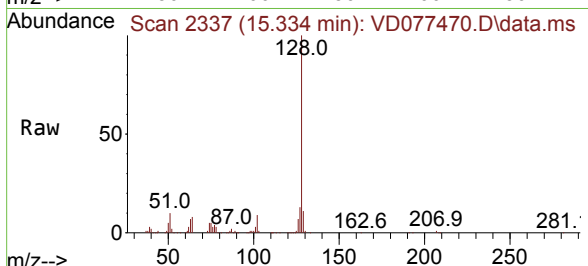




#95
Naphthalene
Concen: 48.998 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	352432
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.848 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077470.D
Acq: 31 Oct 2023 19:53

Tgt Ion:	180	Resp:	158984
Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.3	141.9
145	31.0	15.1	45.3

