

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077444.D
 Acq On : 30 Oct 2023 13:05
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 04:24:38 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	324006	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	578157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	516688	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	238518	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	252633	55.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.280%	
35) Dibromofluoromethane	7.804	113	216062	54.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.140%	
50) Toluene-d8	10.269	98	831140	53.548	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.100%	
62) 4-Bromofluorobenzene	12.575	95	285962	54.701	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	123257	47.179	ug/l	96
3) Chloromethane	2.152	50	231417	55.793	ug/l	100
4) Vinyl Chloride	2.287	62	219396	54.243	ug/l	99
5) Bromomethane	2.693	94	109610	51.716	ug/l	97
6) Chloroethane	2.840	64	143418	52.666	ug/l	94
7) Trichlorofluoromethane	3.175	101	288354	50.908	ug/l	99
8) Diethyl Ether	3.593	74	111183	54.607	ug/l #	54
9) 1,1,2-Trichlorotrifluo...	3.969	101	169860	49.675	ug/l	95
10) Methyl Iodide	4.169	142	181703	42.575	ug/l #	90
11) Tert butyl alcohol	5.046	59	92250	254.186	ug/l	99
12) 1,1-Dichloroethene	3.946	96	166942	51.569	ug/l #	66
13) Acrolein	3.793	56	122855	256.702	ug/l	99
14) Allyl chloride	4.563	41	413449	52.942	ug/l #	83
15) Acrylonitrile	5.252	53	290879	264.280	ug/l	99
16) Acetone	4.022	43	310389	256.023	ug/l #	78
17) Carbon Disulfide	4.269	76	507410	50.753	ug/l	98
18) Methyl Acetate	4.563	43	246094	55.649	ug/l #	75
19) Methyl tert-butyl Ether	5.316	73	532938	52.447	ug/l	94
20) Methylene Chloride	4.805	84	254077	56.039	ug/l #	64
21) trans-1,2-Dichloroethene	5.310	96	197853	52.478	ug/l #	68
22) Diisopropyl ether	6.216	45	884503	53.290	ug/l #	89
23) Vinyl Acetate	6.152	43	2225005	310.727	ug/l #	83
24) 1,1-Dichloroethane	6.110	63	451089	52.377	ug/l	93
25) 2-Butanone	7.081	43	416646	257.653	ug/l #	73
26) 2,2-Dichloropropane	7.075	77	376274	49.300	ug/l	89
27) cis-1,2-Dichloroethene	7.075	96	244361	52.316	ug/l	70
28) Bromochloromethane	7.428	49	215148	54.888	ug/l #	54
29) Tetrahydrofuran	7.446	42	257005	267.972	ug/l #	69
30) Chloroform	7.599	83	414283	51.519	ug/l	96
31) Cyclohexane	7.881	56	367417	51.300	ug/l #	73
32) 1,1,1-Trichloroethane	7.793	97	332927	50.250	ug/l	94
36) 1,1-Dichloropropene	8.010	75	301231	50.843	ug/l	92
37) Ethyl Acetate	7.169	43	174922	51.446	ug/l #	89
38) Carbon Tetrachloride	7.993	117	278730	49.925	ug/l	96
39) Methylcyclohexane	9.275	83	349572	51.712	ug/l #	79
40) Benzene	8.251	78	888221	52.575	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	111011	51.026	ug/l #	72
42) 1,2-Dichloroethane	8.322	62	281545	52.616	ug/l	89
43) Isopropyl Acetate	8.357	43	365285	52.060	ug/l #	79
44) Trichloroethene	9.028	130	208898	50.479	ug/l	81
45) 1,2-Dichloropropane	9.304	63	256944	51.659	ug/l	100
46) Dibromomethane	9.393	93	122229	51.065	ug/l	89
47) Bromodichloromethane	9.587	83	323625	51.153	ug/l	99
48) Methyl methacrylate	9.381	41	177025	52.854	ug/l #	66
49) 1,4-Dioxane	9.387	88	26548	1032.187	ug/l #	59
51) 4-Methyl-2-Pentanone	10.157	43	906712	262.537	ug/l #	81
52) Toluene	10.334	92	532334	51.687	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	351633	52.489	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	403779	52.376	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	164015	51.359	ug/l	95
56) Ethyl methacrylate	10.598	69	250365	52.729	ug/l #	60
57) 1,3-Dichloropropane	10.881	76	310382	51.999	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	673751	283.437	ug/l #	85
59) 2-Hexanone	10.922	43	656717	258.123	ug/l	78
60) Dibromochloromethane	11.075	129	198231	51.622	ug/l	97
61) 1,2-Dibromoethane	11.181	107	154651	51.137	ug/l	98
64) Tetrachloroethene	10.810	164	160167	48.690	ug/l	88
65) Chlorobenzene	11.610	112	552657	51.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	203696	49.797	ug/l	97
67) Ethyl Benzene	11.687	91	1053681	50.591	ug/l	93
68) m/p-Xylenes	11.792	106	755788	100.490	ug/l	79
69) o-Xylene	12.122	106	366534	50.879	ug/l	80
70) Styrene	12.134	104	629525	50.654	ug/l #	90
71) Bromoform	12.298	173	111894	49.341	ug/l #	100
73) Isopropylbenzene	12.422	105	957655	49.245	ug/l	94
74) N-amyl acetate	12.234	43	356867	51.809	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	192537	50.509	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	260739	89.818	ug/l #	100
77) Bromobenzene	12.704	156	212543	49.654	ug/l	70
78) n-propylbenzene	12.763	91	1205327	48.814	ug/l	92
79) 2-Chlorotoluene	12.851	91	690415	49.383	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	799320	48.986	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	75040	49.931	ug/l #	85
82) 4-Chlorotoluene	12.951	91	710225	48.770	ug/l	89
83) tert-Butylbenzene	13.169	119	665994	48.545	ug/l	87
84) 1,2,4-Trimethylbenzene	13.210	105	797415	49.196	ug/l	92
85) sec-Butylbenzene	13.345	105	1014034	48.308	ug/l	94
86) p-Isopropyltoluene	13.463	119	828152	48.538	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	420701	50.001	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	416889	49.591	ug/l	95
89) n-Butylbenzene	13.786	91	861152	48.560	ug/l	97
90) Hexachloroethane	14.057	117	170325	48.784	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	370305	50.079	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	31756	49.450	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	257481	50.687	ug/l	98
94) Hexachlorobutadiene	15.204	225	134514	49.091	ug/l	99
95) Naphthalene	15.333	128	499759	51.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	220987	50.398	ug/l	97

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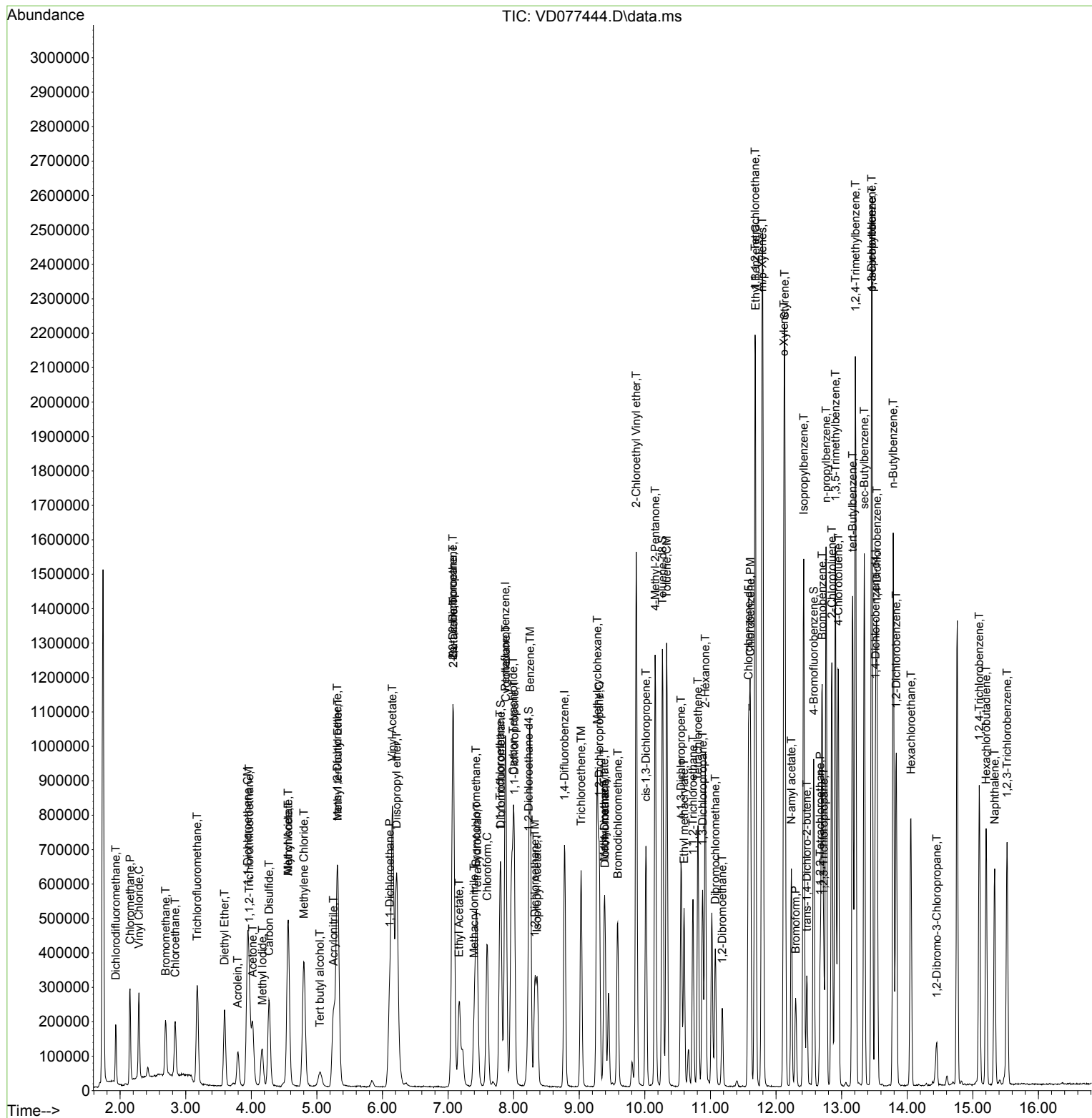
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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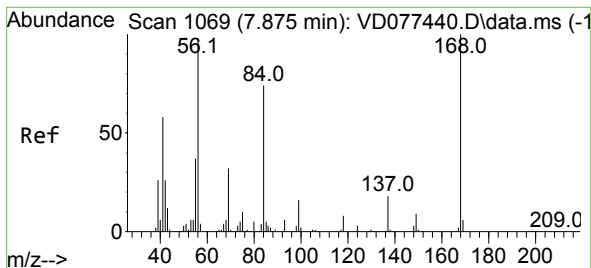
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

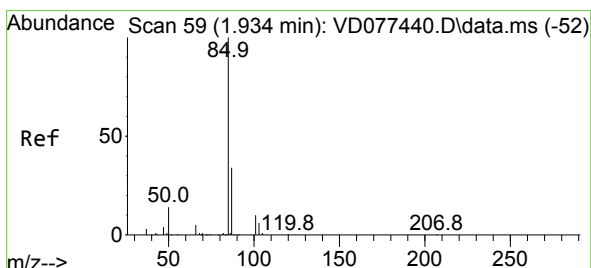
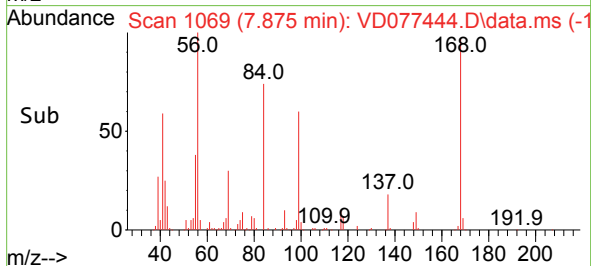
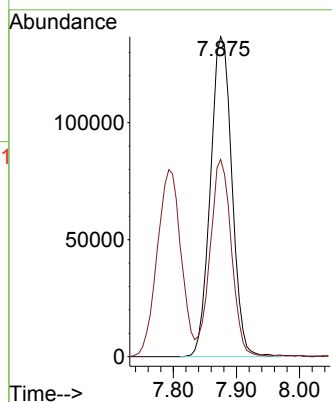
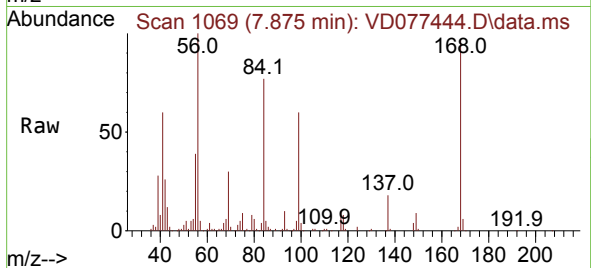
ClientSampleId :

Tgt Ion:168 Resp: 324006

Ion Ratio Lower Upper

168 100

99 61.1 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 47.179 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077444.D

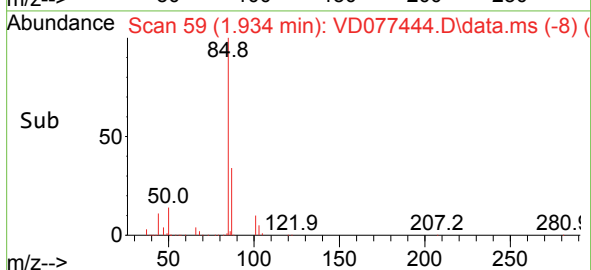
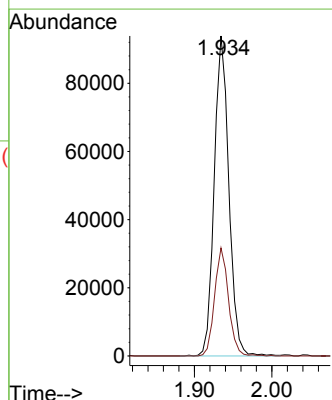
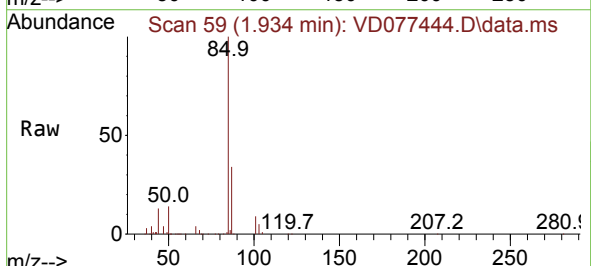
Acq: 30 Oct 2023 13:05

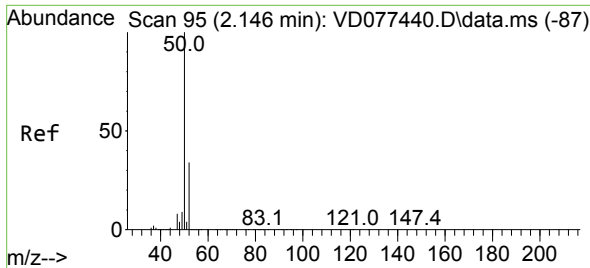
Tgt Ion: 85 Resp: 123257

Ion Ratio Lower Upper

85 100

87 33.8 15.7 47.0

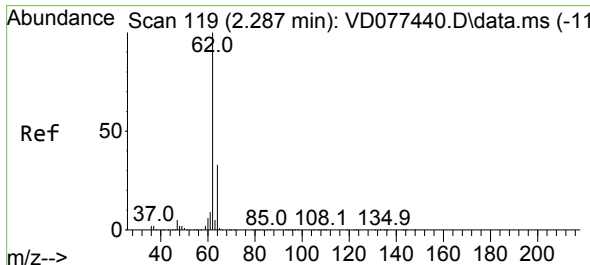
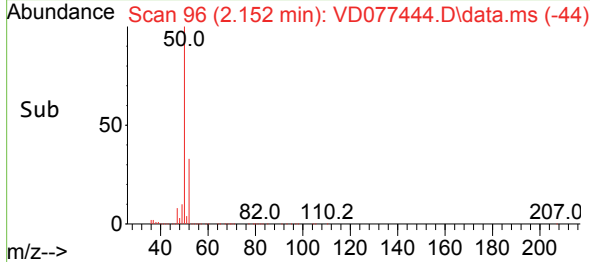
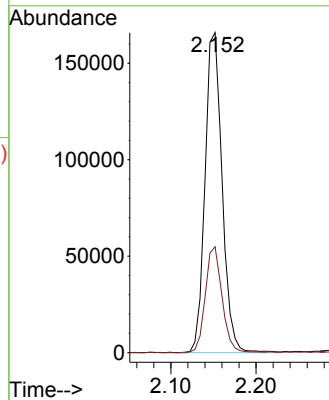
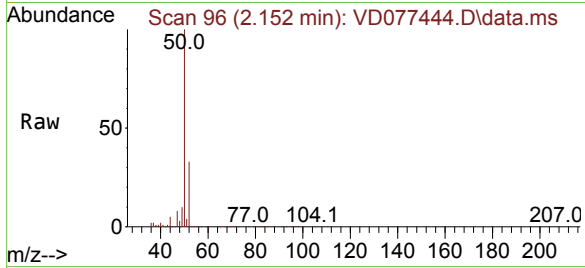




#3
Chloromethane
Concen: 55.793 ug/l
RT: 2.152 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

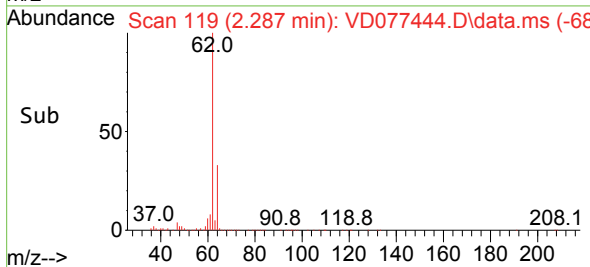
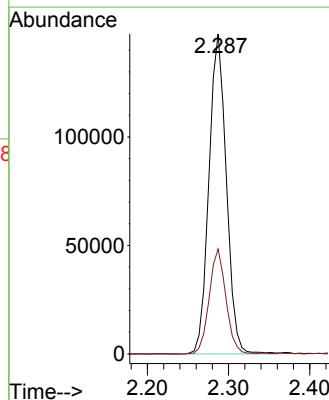
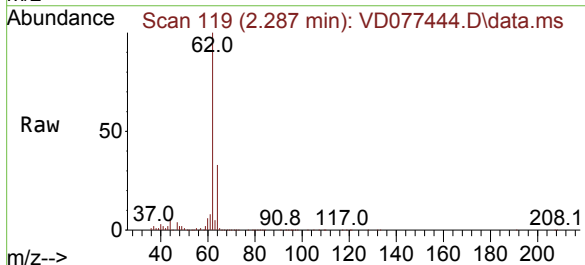
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 231417
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0



#4
Vinyl Chloride
Concen: 54.243 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 62 Resp: 219396
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0

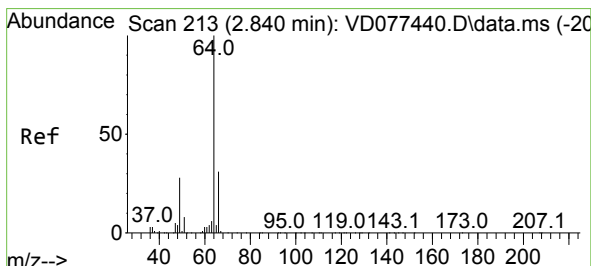
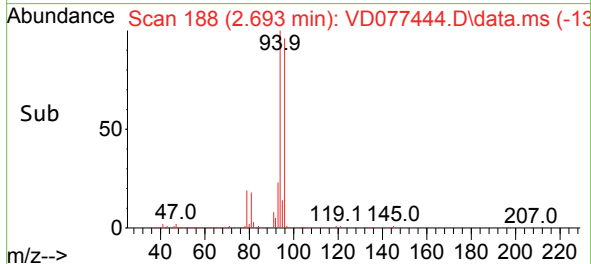
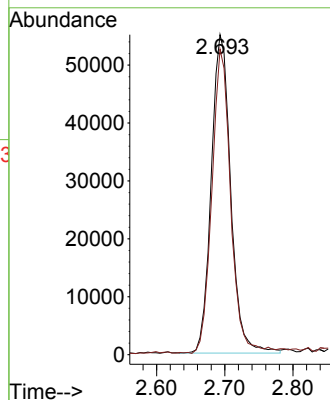
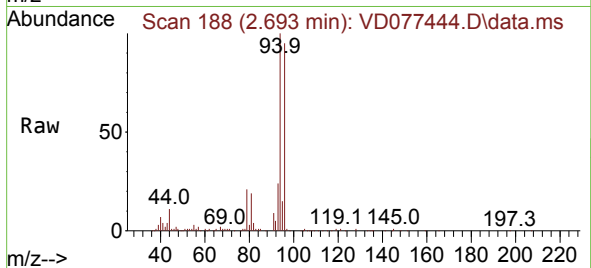




#5
Bromomethane
Concen: 51.716 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

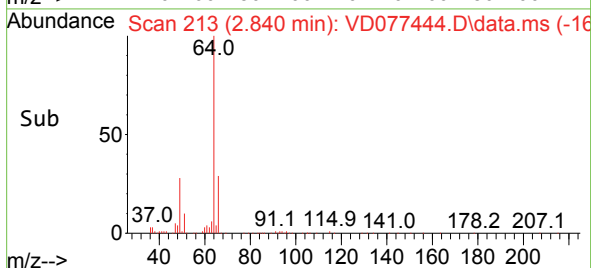
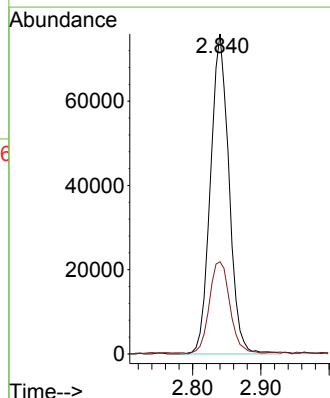
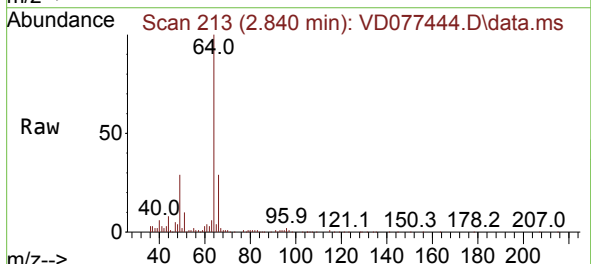
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MSVOA_D
ClientSampleId :

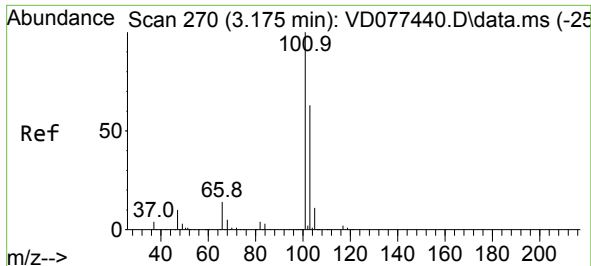
Tgt Ion: 94 Resp: 109610
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.8



#6
Chloroethane
Concen: 52.666 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 64 Resp: 143418
Ion Ratio Lower Upper
64 100
66 28.4 25.5 38.3

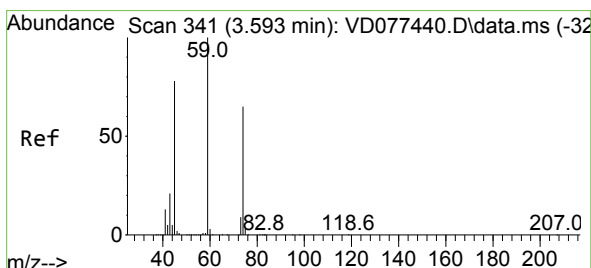
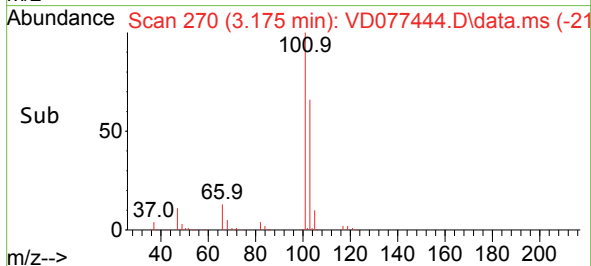
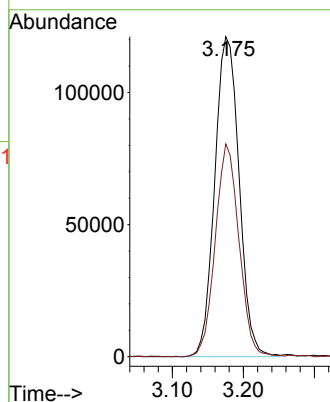
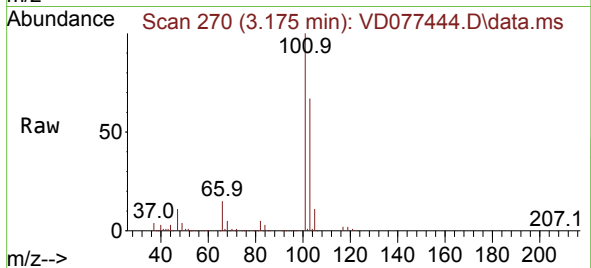




#7
Trichlorofluoromethane
Concen: 50.908 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

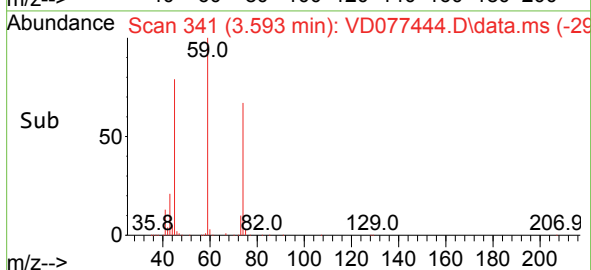
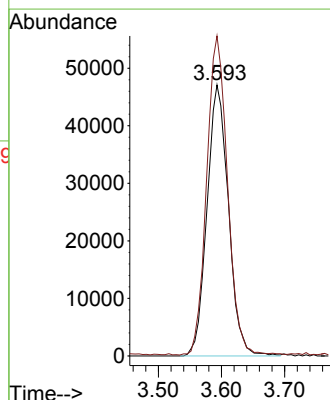
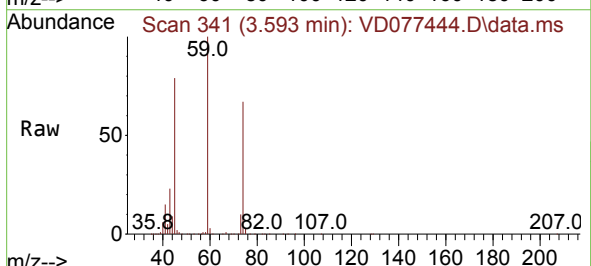
Instrument :
MSVOA_D
ClientSampleId :

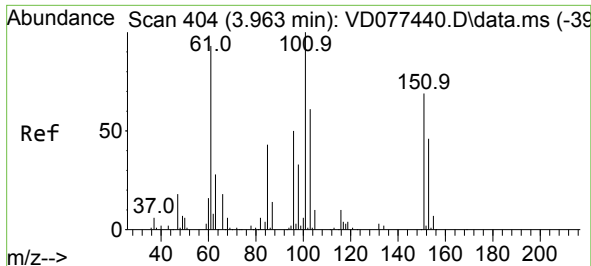
Tgt Ion:101 Resp: 288354
Ion Ratio Lower Upper
101 100
103 66.5 52.3 78.5



#8
Diethyl Ether
Concen: 54.607 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
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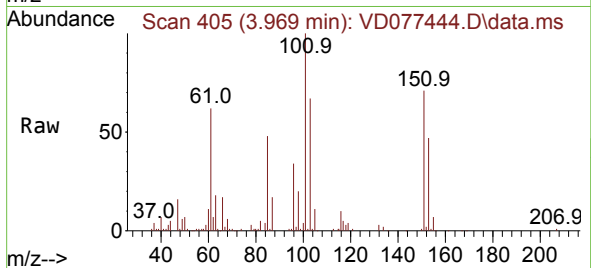
Tgt Ion: 74 Resp: 111183
Ion Ratio Lower Upper
74 100
45 114.4 37.5 112.7#



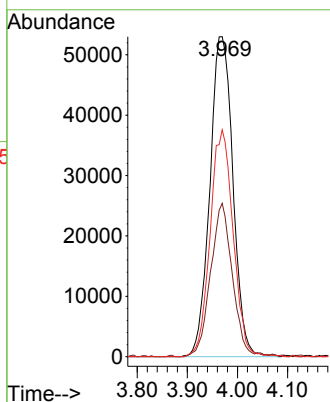
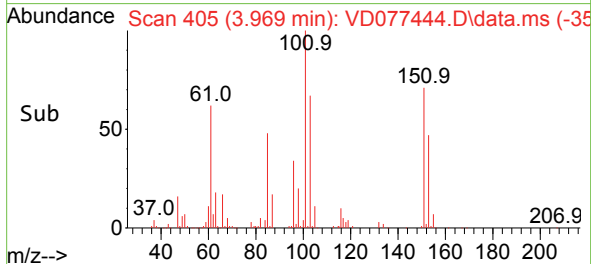


#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.675 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077444.D
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MSVOA_D
ClientSampleId :

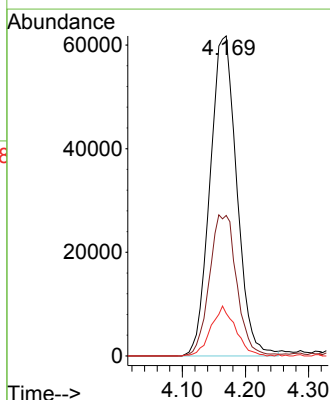
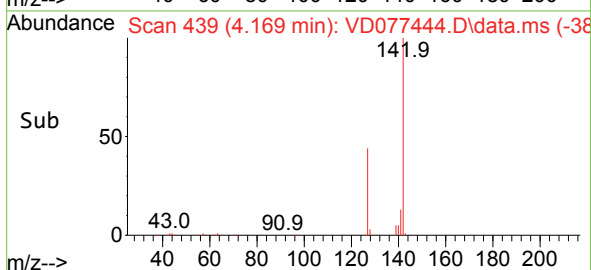
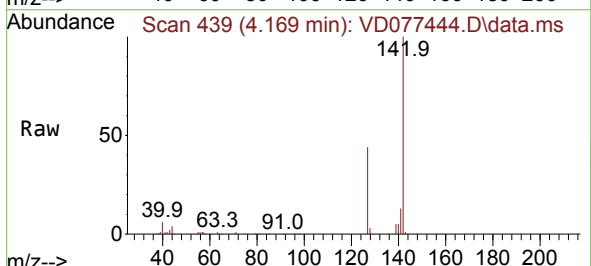


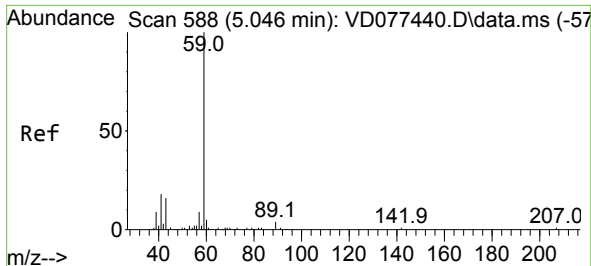
Tgt Ion:101 Resp: 169860
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 70.5 59.8 89.6



#10
Methyl Iodide
Concen: 42.575 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion:142 Resp: 181703
Ion Ratio Lower Upper
142 100
127 44.9 29.4 44.0#
141 14.4 11.1 16.7

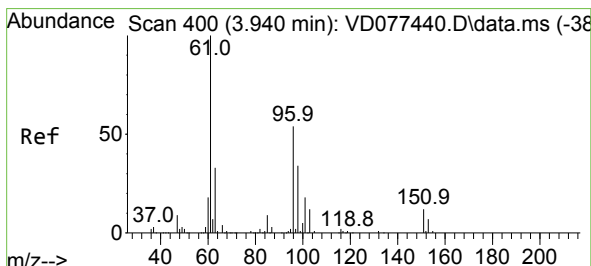
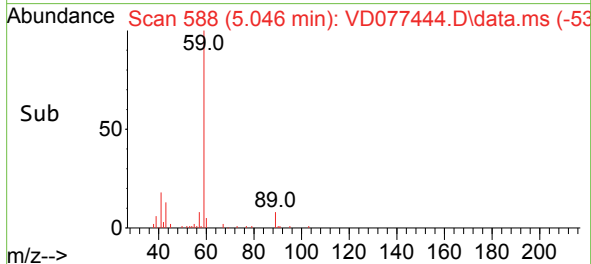
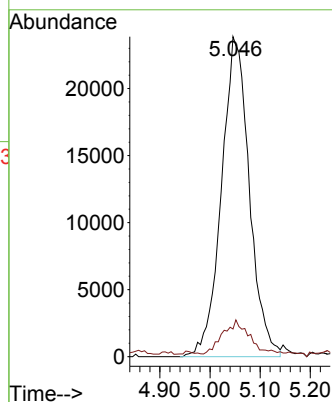
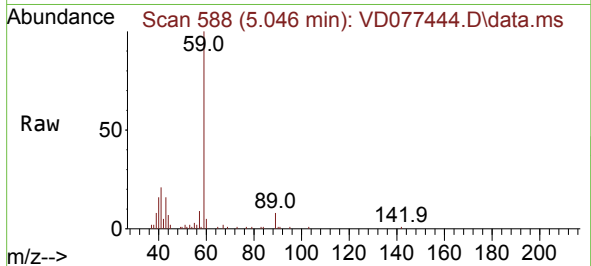




#11
Tert butyl alcohol
Concen: 254.186 ug/l
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

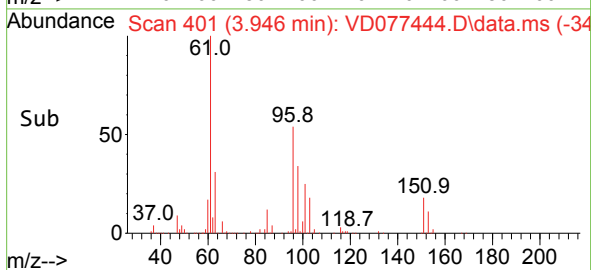
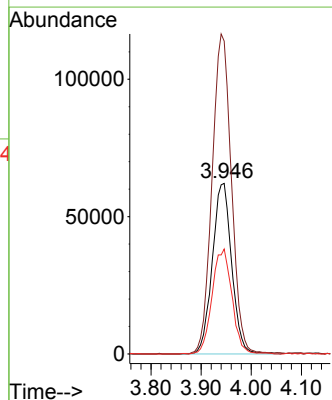
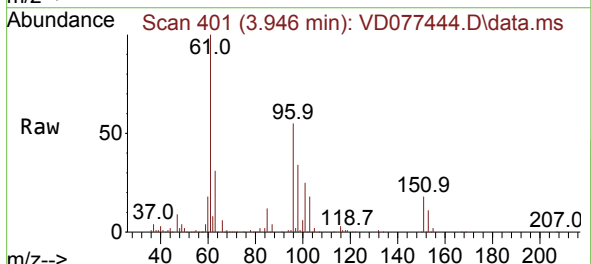
Instrument :
MSVOA_D
ClientSampleId :

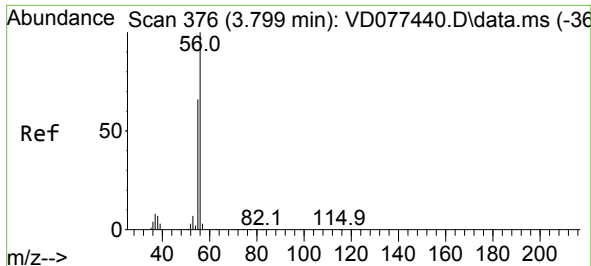
Tgt Ion: 59 Resp: 92250
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 51.569 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 96 Resp: 166942
Ion Ratio Lower Upper
96 100
61 183.4 100.6 150.8#
98 61.6 50.2 75.2

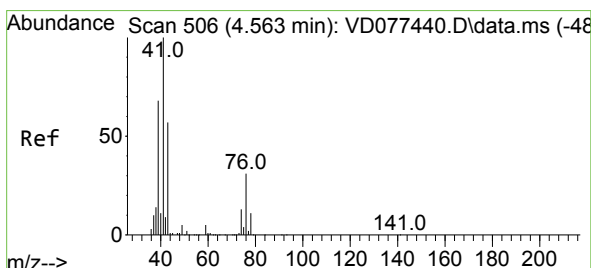
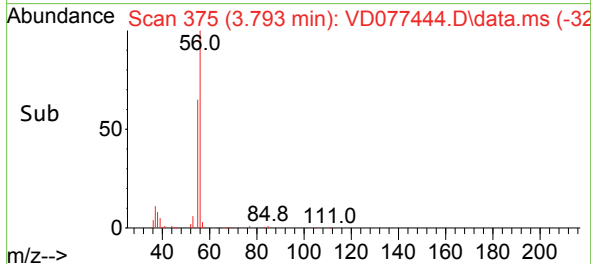
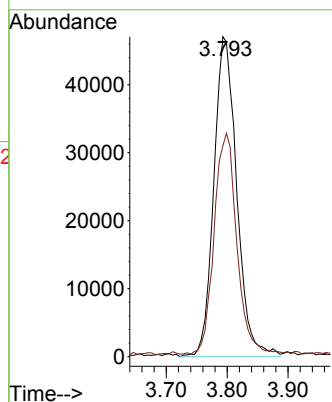
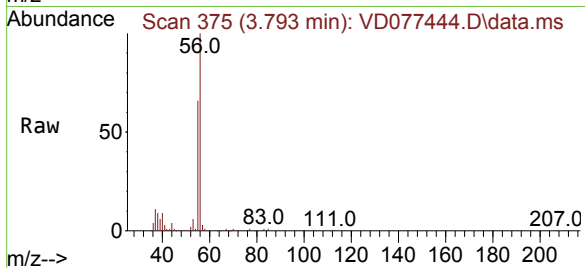




#13
Acrolein
Concen: 256.702 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

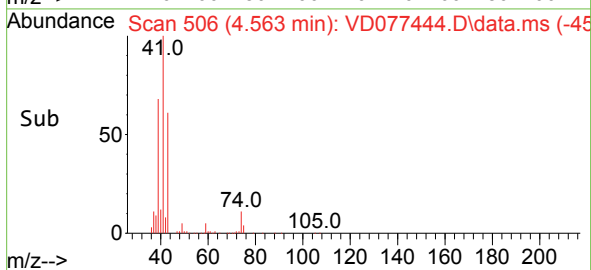
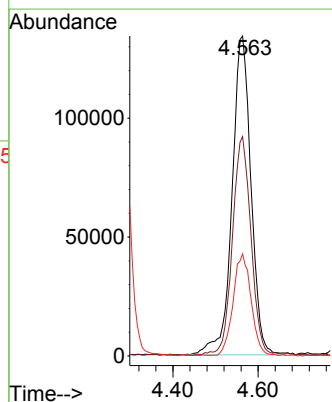
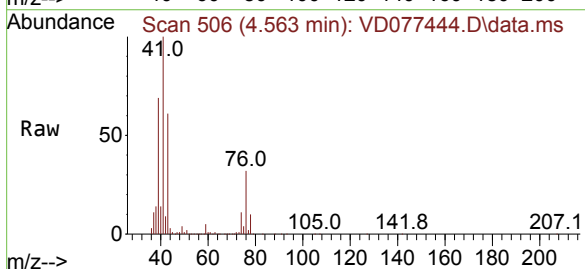
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 122855
Ion Ratio Lower Upper
56 100
55 68.0 55.1 82.7



#14
Allyl chloride
Concen: 52.942 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

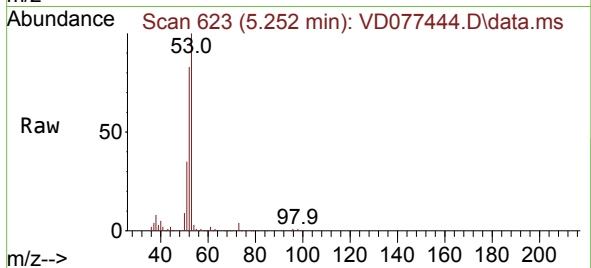
Tgt Ion: 41 Resp: 413449
Ion Ratio Lower Upper
41 100
39 67.3 53.8 80.6
76 30.0 45.8 68.8#



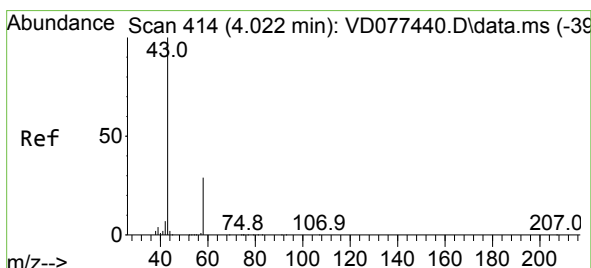
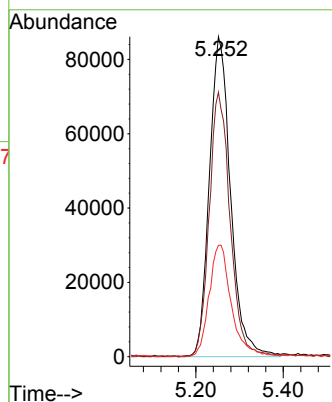
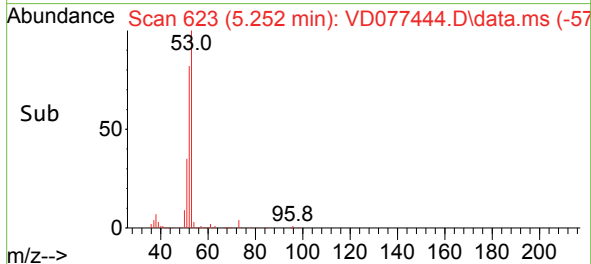


#15
Acrylonitrile
Concen: 264.280 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :

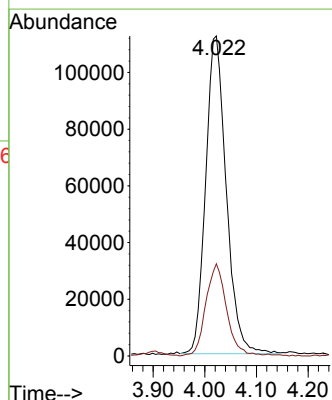
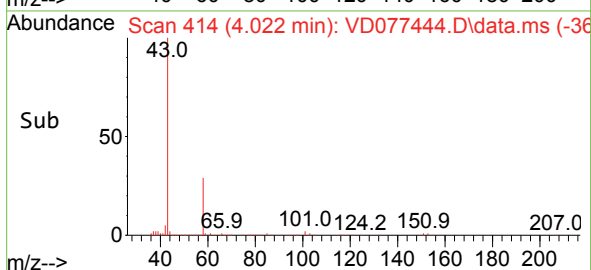
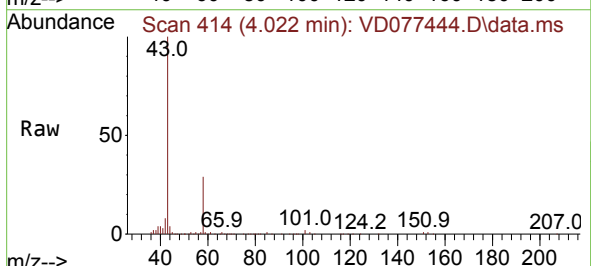


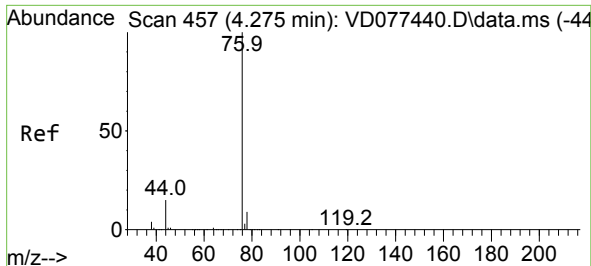
Tgt Ion: 53 Resp: 290879
Ion Ratio Lower Upper
53 100
52 81.4 65.0 97.4
51 36.6 28.3 42.5



#16
Acetone
Concen: 256.023 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 43 Resp: 310389
Ion Ratio Lower Upper
43 100
58 29.0 34.7 52.1#

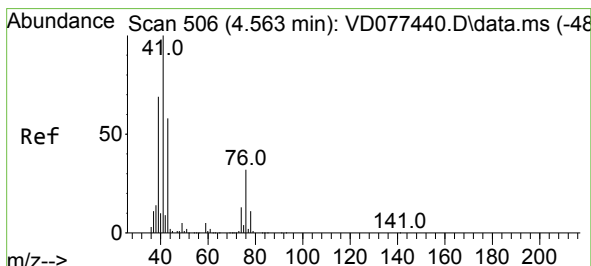
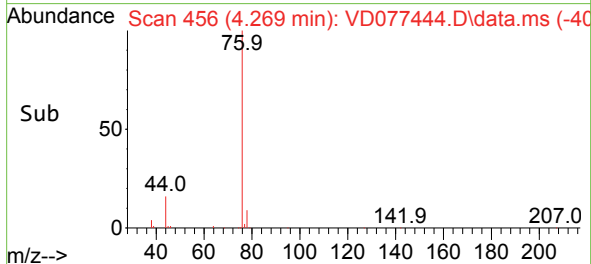
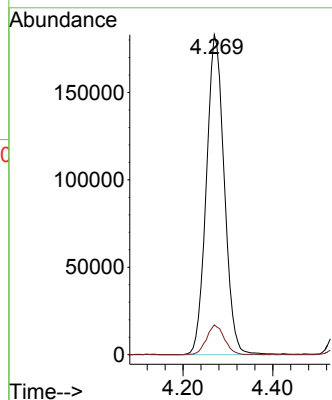
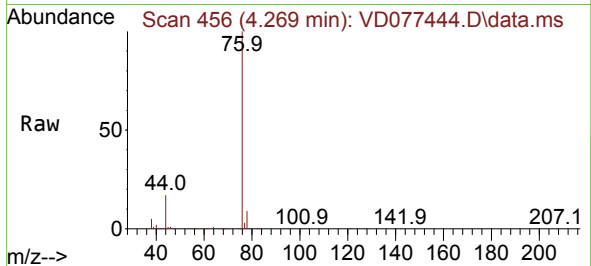




#17
Carbon Disulfide
Concen: 50.753 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

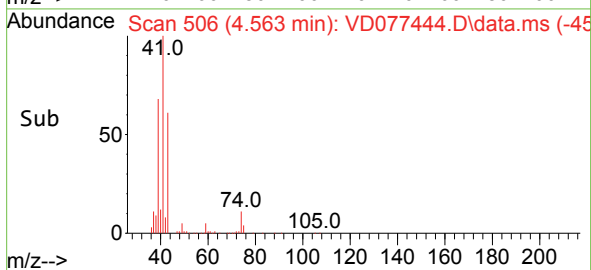
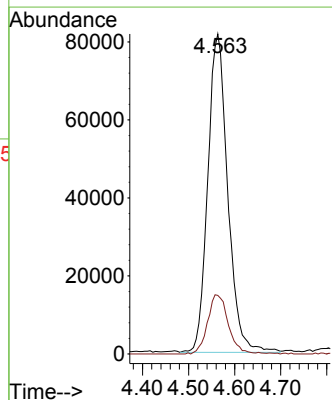
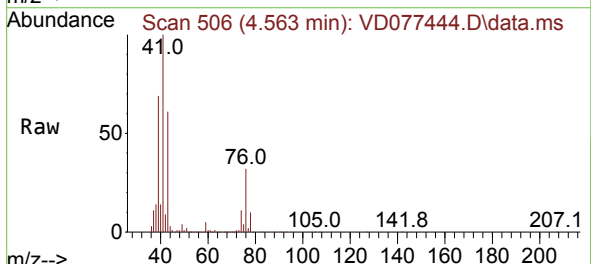
Instrument :
MSVOA_D
ClientSampleId :

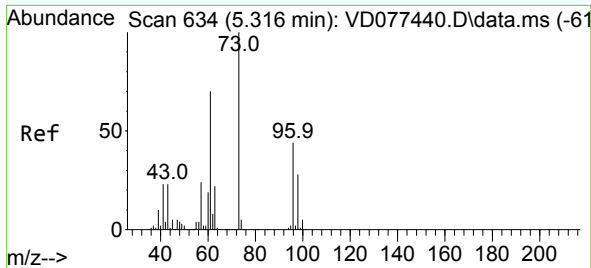
Tgt Ion: 76 Resp: 507410
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 55.649 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 43 Resp: 246094
Ion Ratio Lower Upper
43 100
74 19.1 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 52.447 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

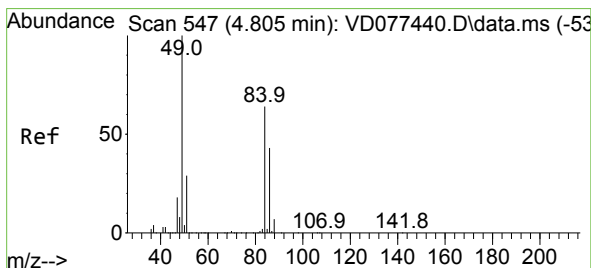
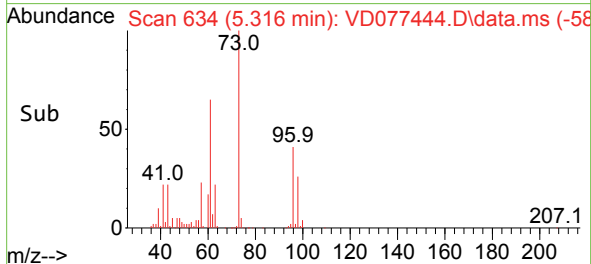
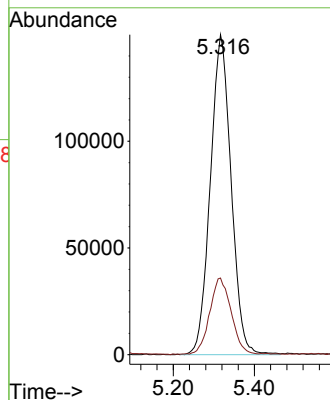
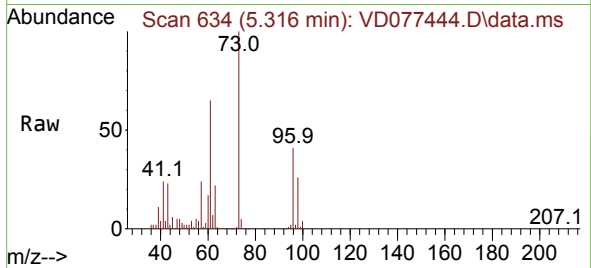
ClientSampleId :

Tgt Ion: 73 Resp: 532938

Ion Ratio Lower Upper

73 100

57 23.8 16.6 25.0



#20

Methylene Chloride

Concen: 56.039 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Tgt Ion: 84 Resp: 254077

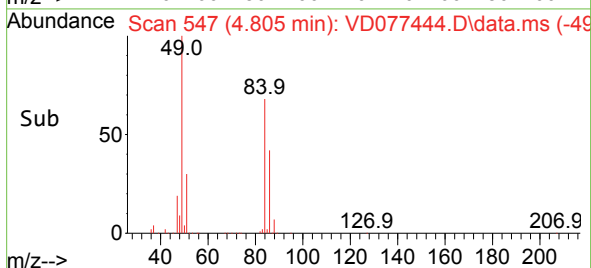
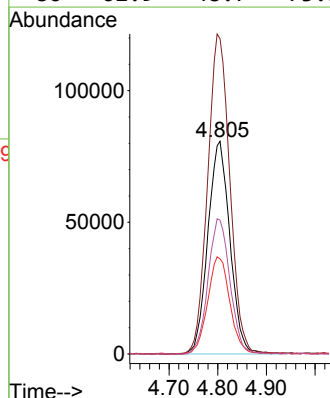
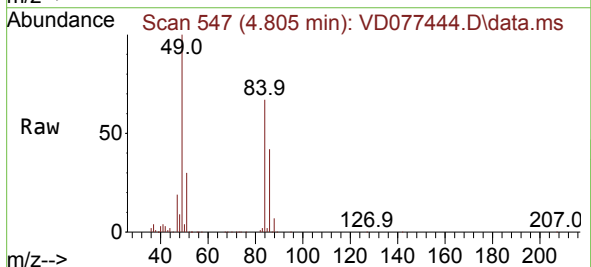
Ion Ratio Lower Upper

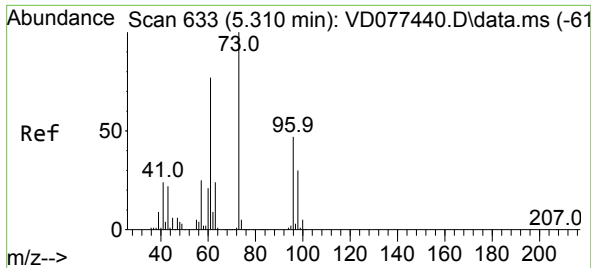
84 100

49 148.0 71.4 107.2#

51 44.7 24.5 36.7#

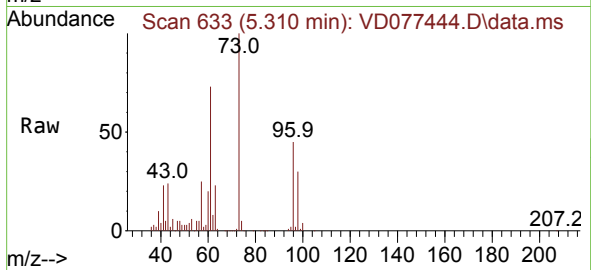
86 62.9 48.7 73.1



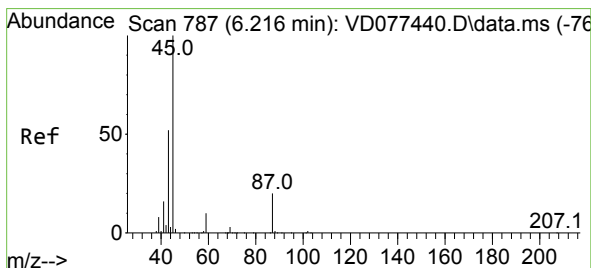
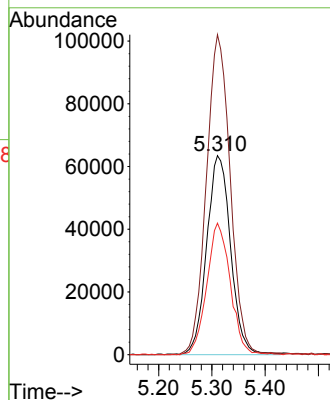
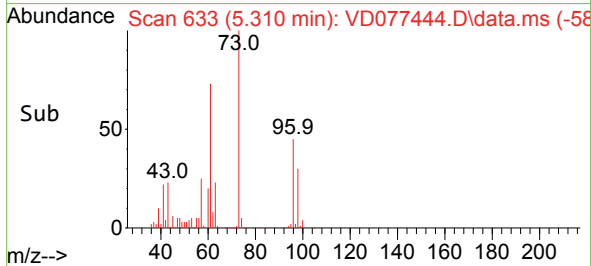


#21
trans-1,2-Dichloroethene
Concen: 52.478 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :

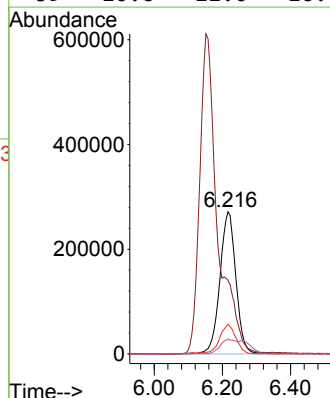
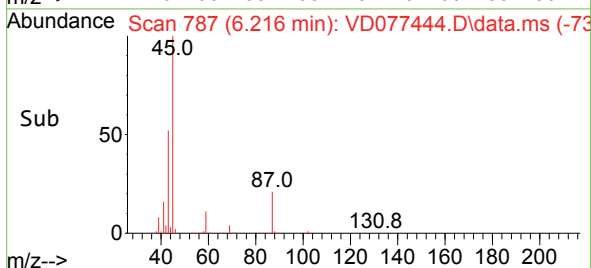
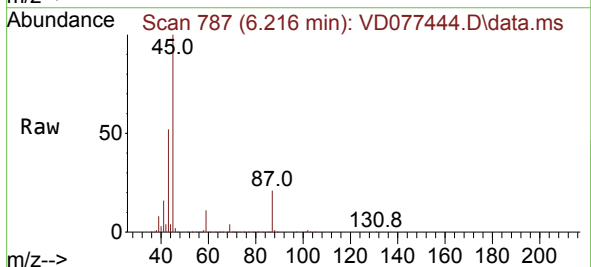


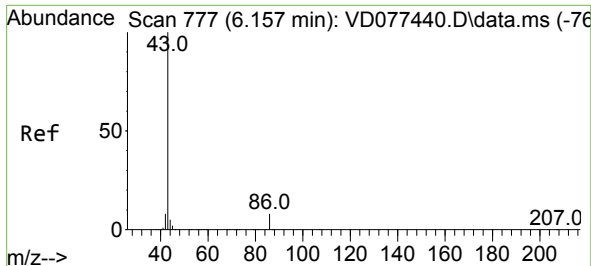
Tgt Ion: 96 Resp: 197853
Ion Ratio Lower Upper
96 100
61 160.4 89.3 133.9#
98 66.1 48.6 73.0



#22
Diisopropyl ether
Concen: 53.290 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

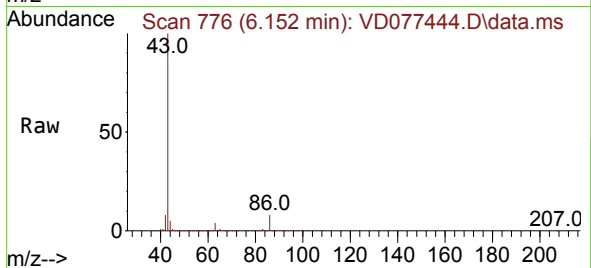
Tgt Ion: 45 Resp: 884503
Ion Ratio Lower Upper
45 100
43 51.6 40.0 60.0
87 20.7 28.2 42.4#
59 10.6 11.0 16.4#



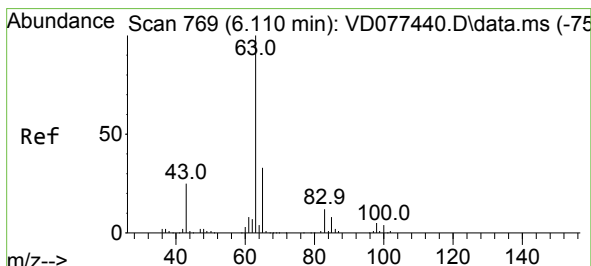
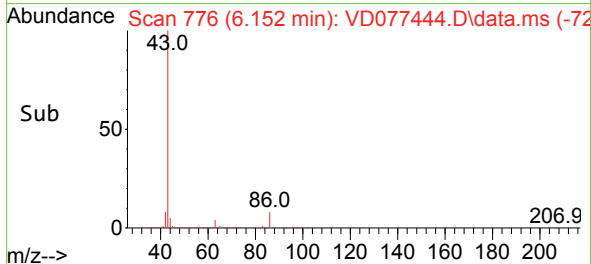
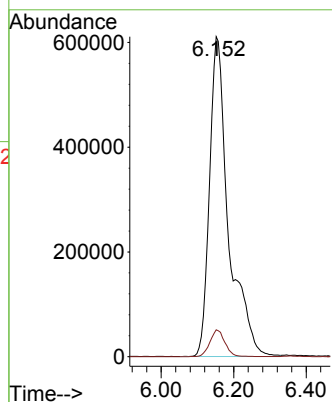


#23
 Vinyl Acetate
 Concen: 310.727 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

Instrument :
 MSVOA_D
 ClientSampleId :

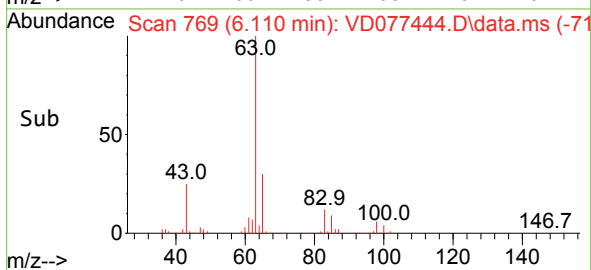
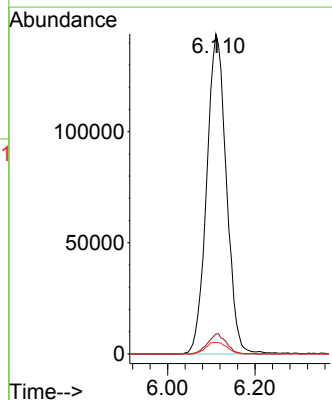
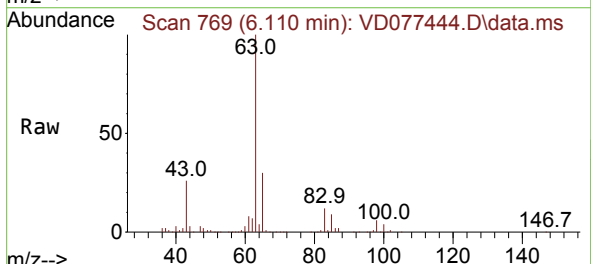


Tgt Ion: 43 Resp: 2225005
 Ion Ratio Lower Upper
 43 100
 86 8.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 52.377 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

Tgt Ion: 63 Resp: 451089
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.5 13.7
 100 3.5 2.5 7.5

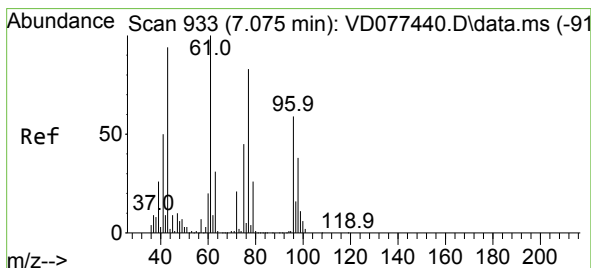
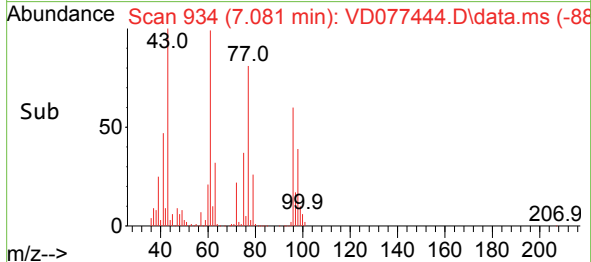
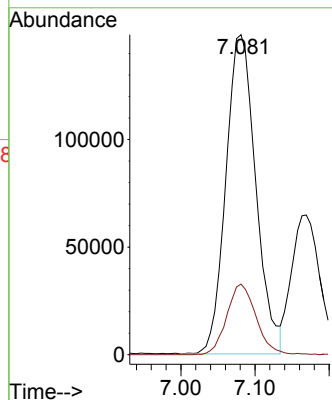
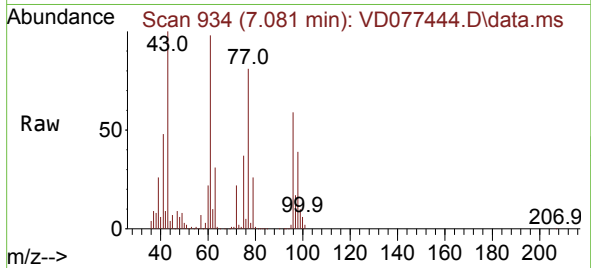




#25
2-Butanone
Concen: 257.653 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

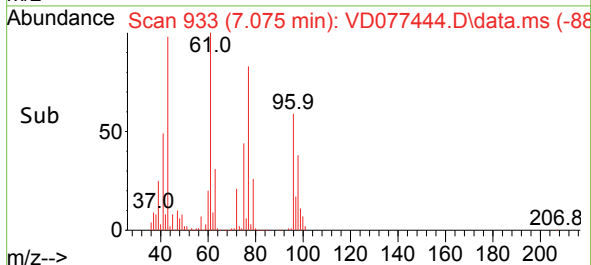
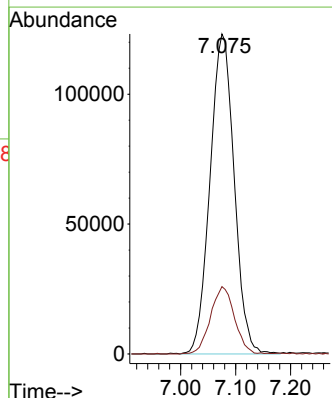
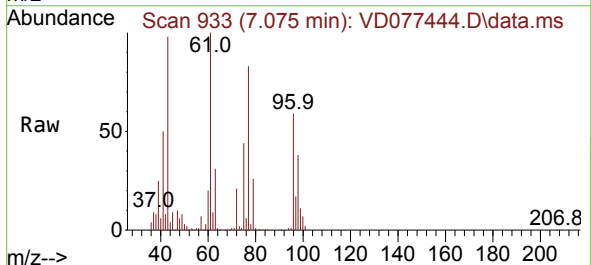
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 416646
Ion Ratio Lower Upper
43 100
72 22.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 49.300 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

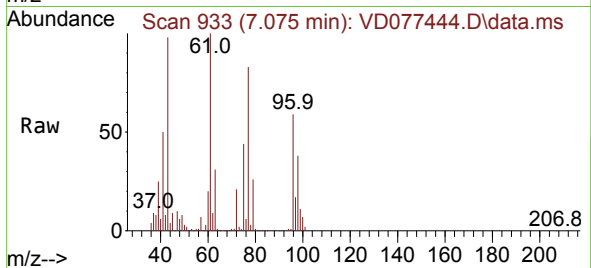
Tgt Ion: 77 Resp: 376274
Ion Ratio Lower Upper
77 100
97 20.9 13.2 39.6



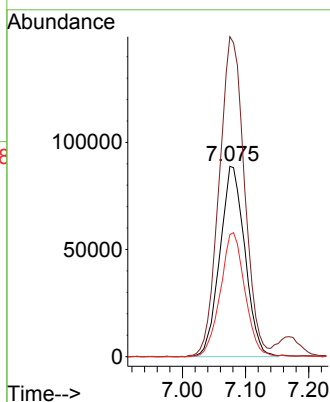
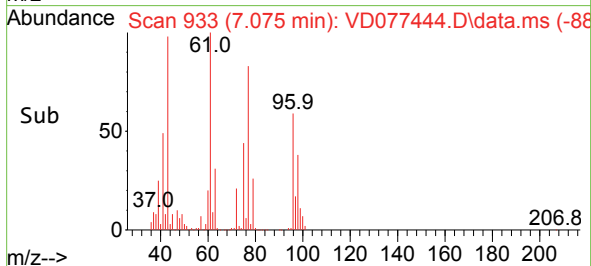


#27
 cis-1,2-Dichloroethene
 Concen: 52.316 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

Instrument :
 MSVOA_D
 ClientSampleId :

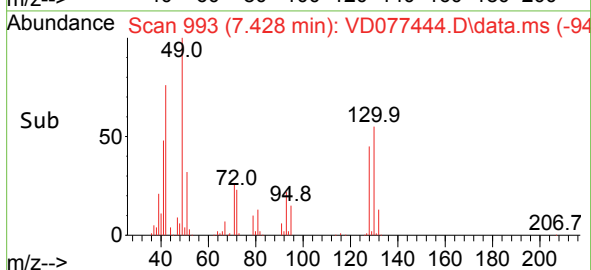
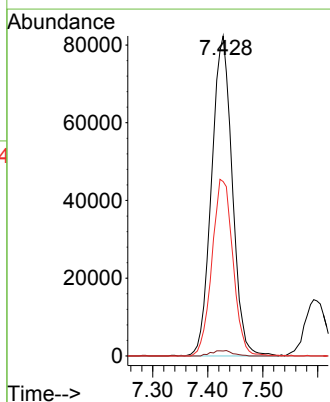
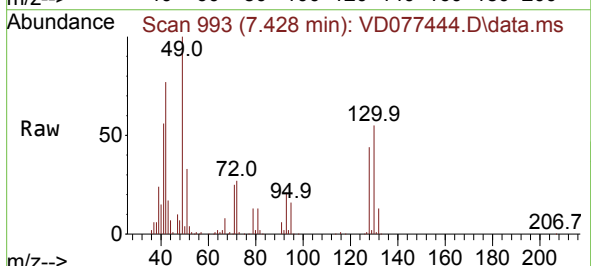


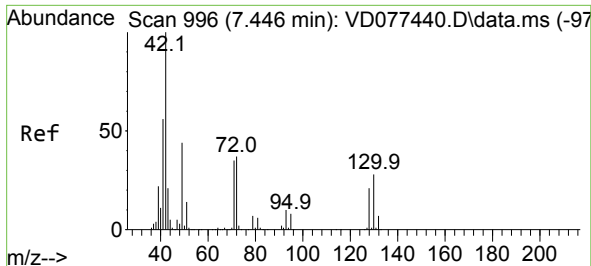
Tgt Ion: 96 Resp: 244361
 Ion Ratio Lower Upper
 96 100
 61 170.6 0.0 239.2
 98 63.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 54.888 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

Tgt Ion: 49 Resp: 215148
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 6.0
 130 56.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 267.972 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

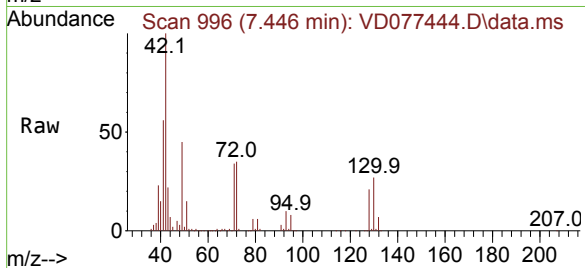
Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

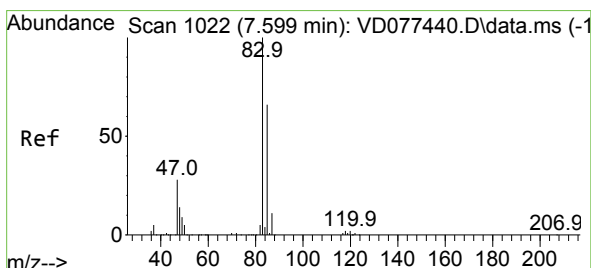
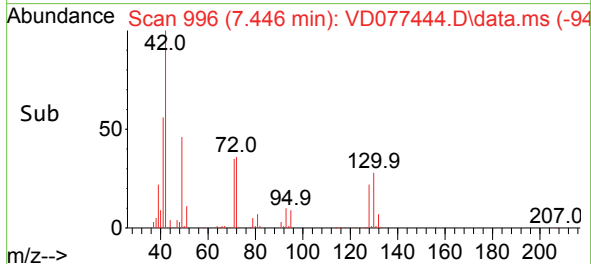
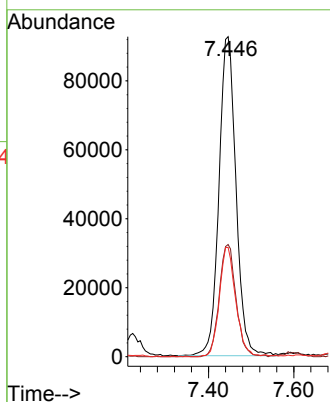
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	257005
Ion Ratio	Lower	Upper	
42	100		
72	34.5	46.5	69.7#
71	33.0	44.5	66.7#



#30

Chloroform

Concen: 51.519 ug/l

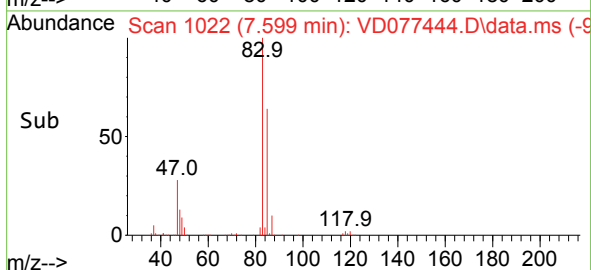
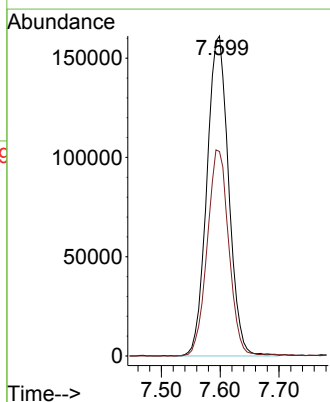
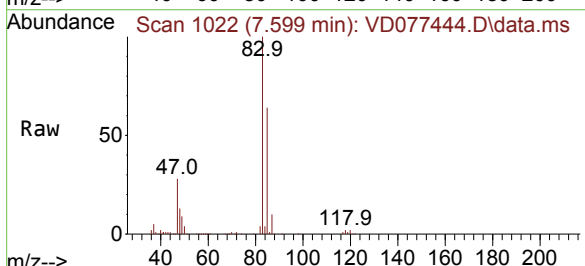
RT: 7.599 min Scan# 1022

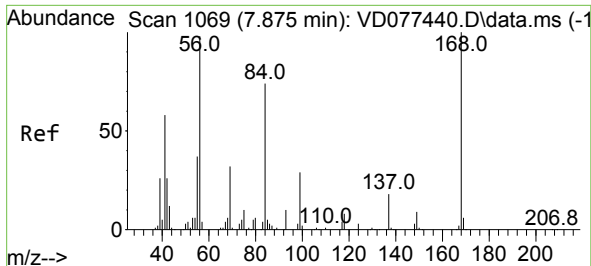
Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

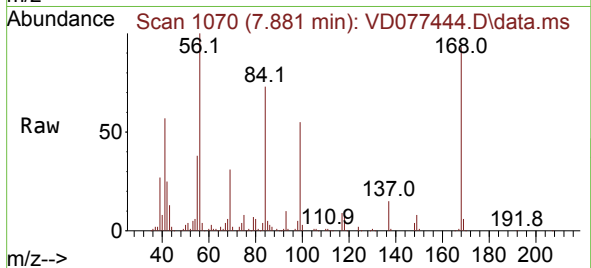
Tgt Ion:	83	Resp:	414283
Ion Ratio	Lower	Upper	
83	100		
85	63.8	53.4	80.2



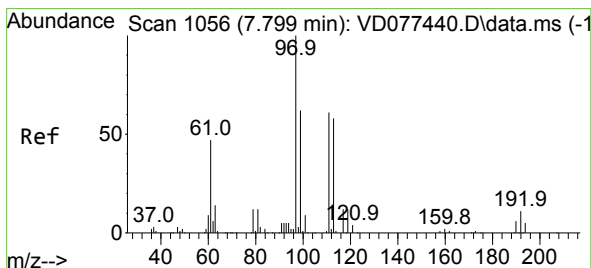
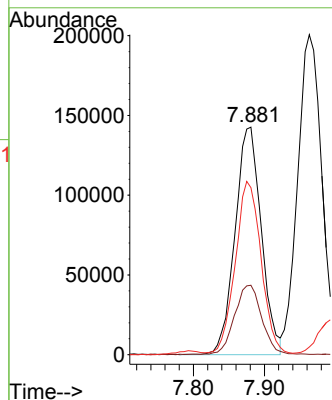
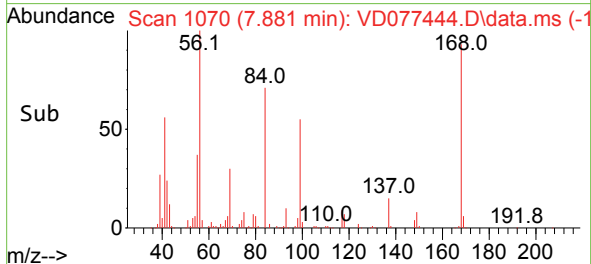


#31
Cyclohexane
Concen: 51.300 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :

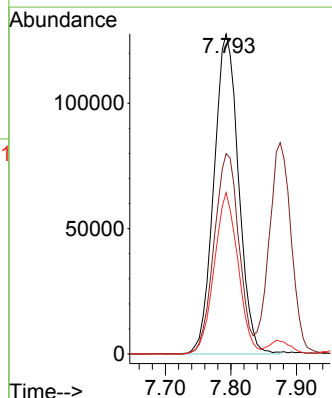
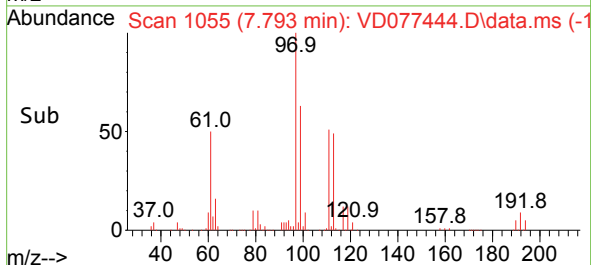
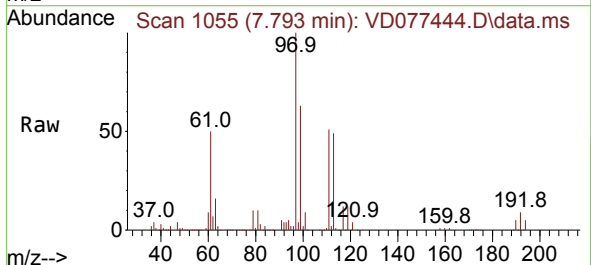


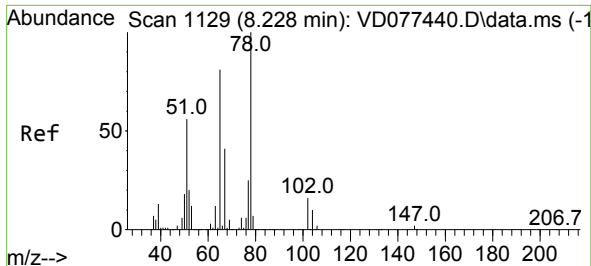
Tgt Ion: 56 Resp: 367417
Ion Ratio Lower Upper
56 100
69 30.3 28.6 43.0
84 72.2 84.8 127.2#



#32
1,1,1-Trichloroethane
Concen: 50.250 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 97 Resp: 332927
Ion Ratio Lower Upper
97 100
99 63.1 52.0 78.0
61 48.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 55.141 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

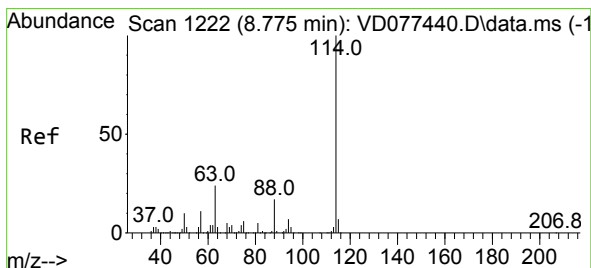
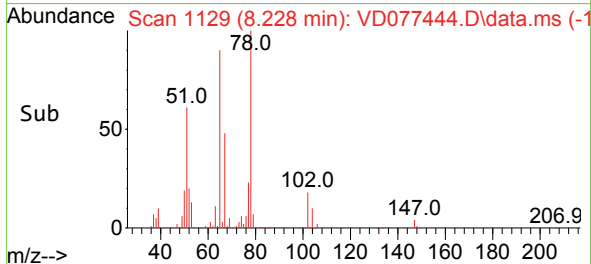
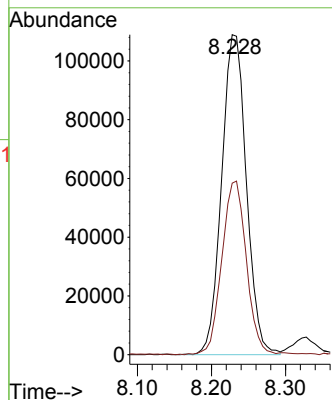
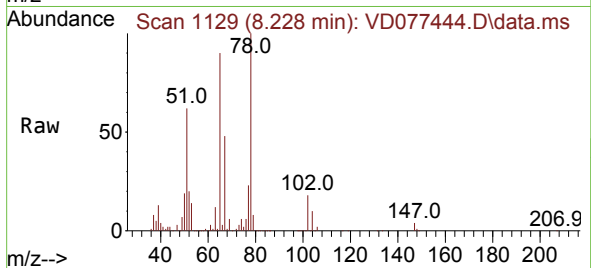
ClientSampleId :

Tgt Ion: 65 Resp: 252633

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: VD077444.D

Acq: 30 Oct 2023 13:05

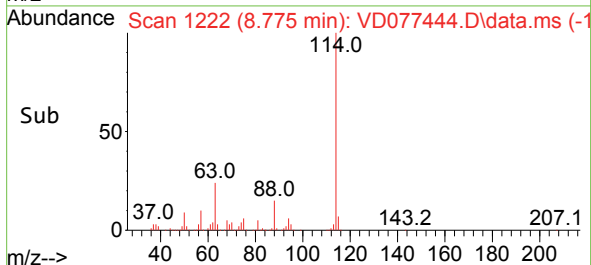
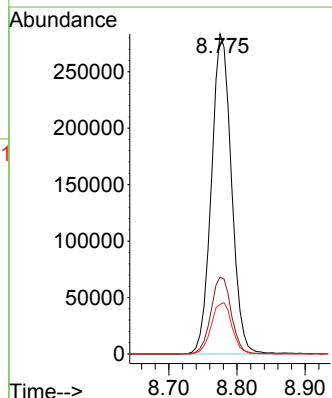
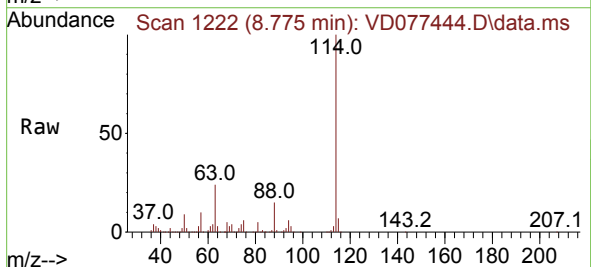
Tgt Ion: 114 Resp: 578157

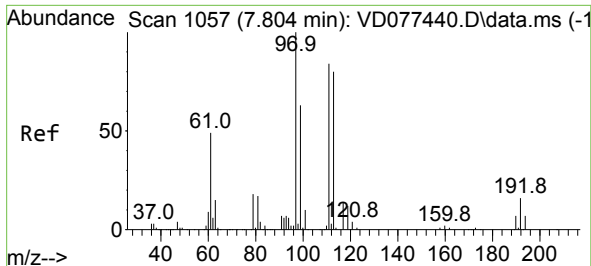
Ion Ratio Lower Upper

114 100

63 24.0 0.0 33.4

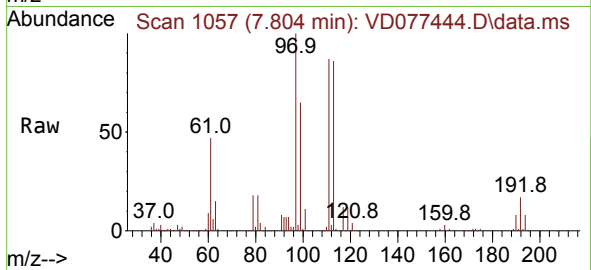
88 15.5 0.0 26.2



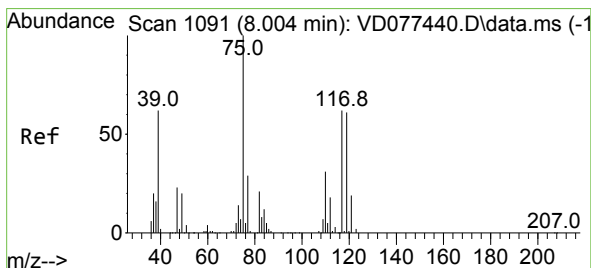
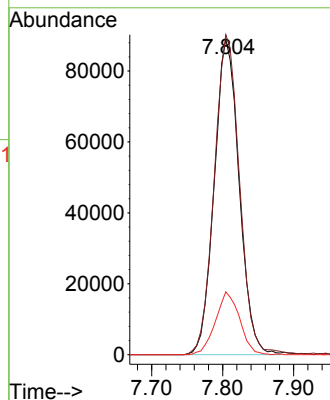
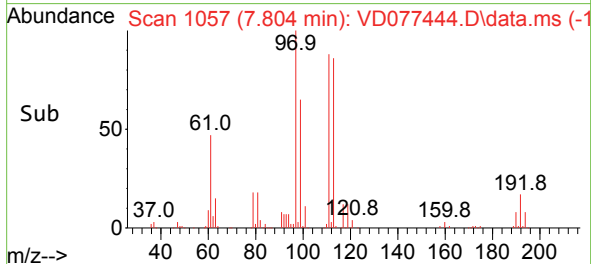


#35
Dibromofluoromethane
Concen: 54.070 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :

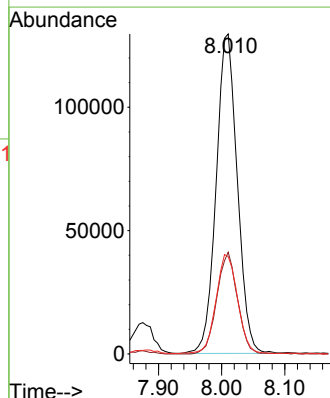
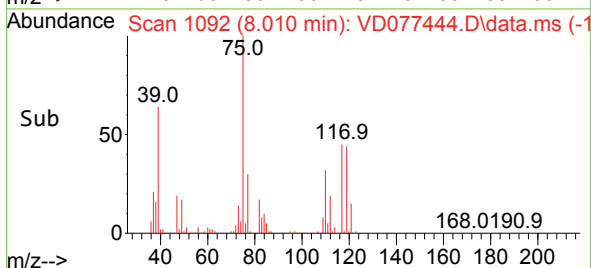
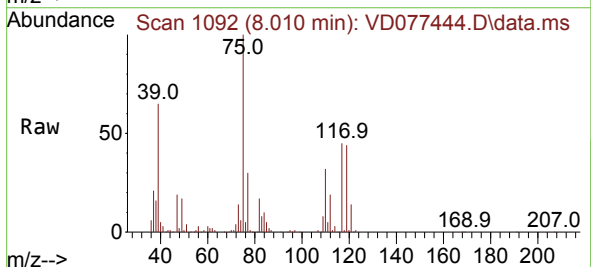


Tgt Ion:113 Resp: 216062
Ion Ratio Lower Upper
113 100
111 103.2 84.7 127.1
192 19.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.843 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

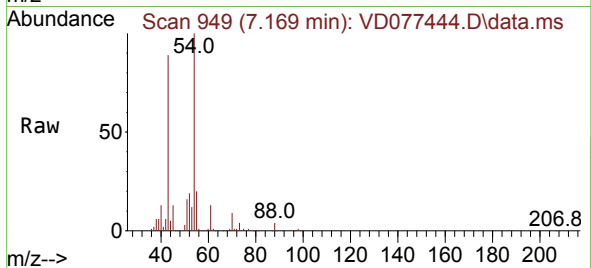
Tgt Ion: 75 Resp: 301231
Ion Ratio Lower Upper
75 100
110 31.1 19.9 59.6
77 31.6 24.7 37.1



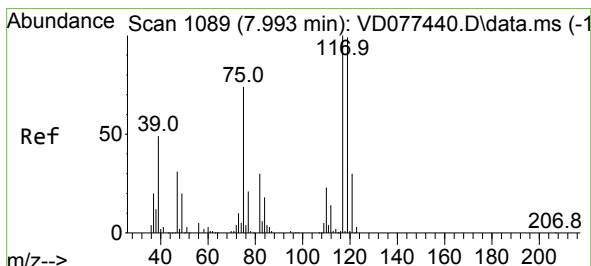
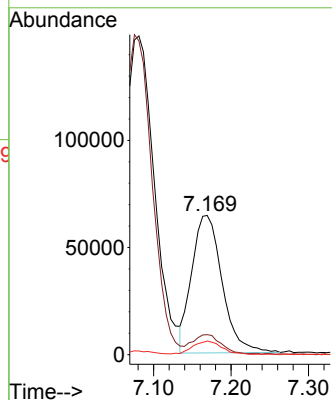
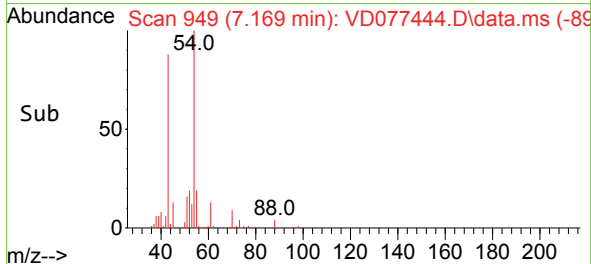


#37
Ethyl Acetate
Concen: 51.446 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :

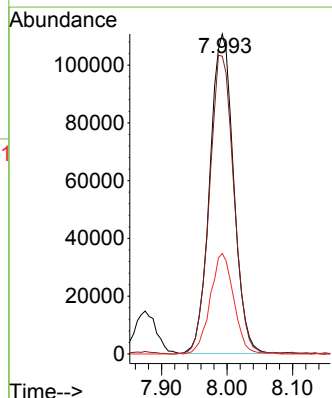
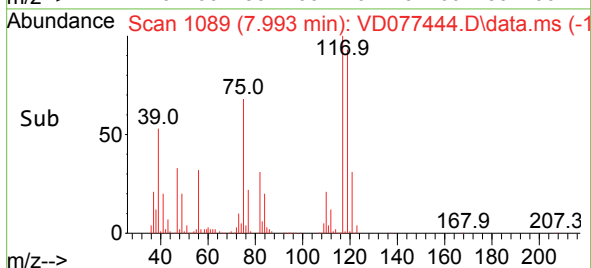
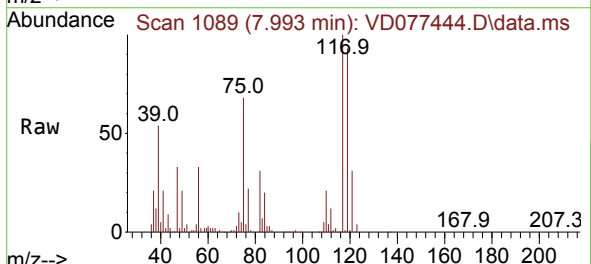


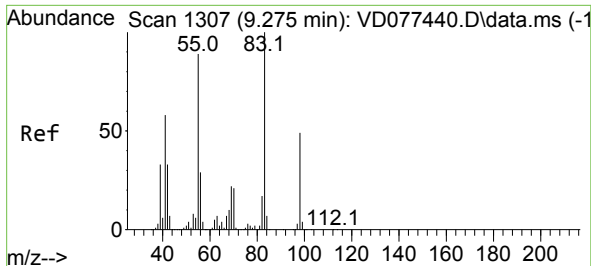
Tgt Ion: 43 Resp: 174922
Ion Ratio Lower Upper
43 100
61 12.6 14.9 22.3#
70 9.2 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 49.925 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 117 Resp: 278730
Ion Ratio Lower Upper
117 100
119 92.9 78.0 117.0
121 31.5 24.2 36.2

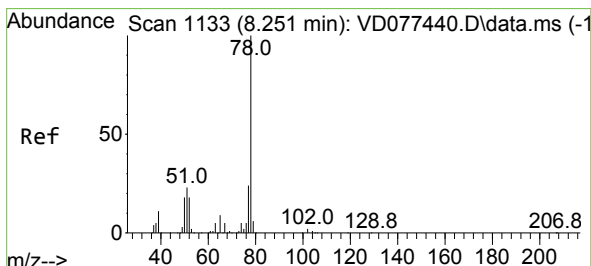
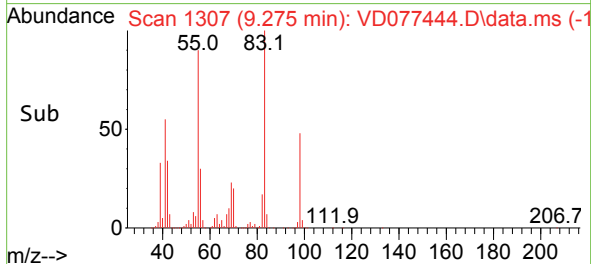
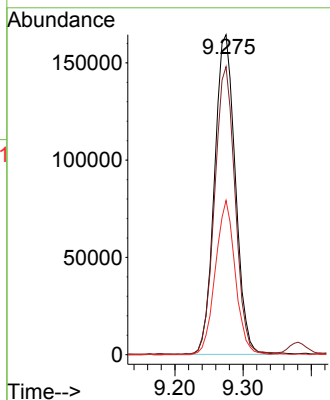
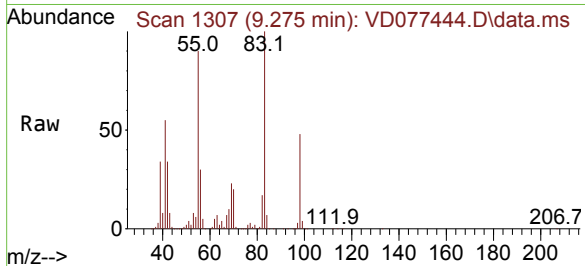




#39
Methylcyclohexane
Concen: 51.712 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

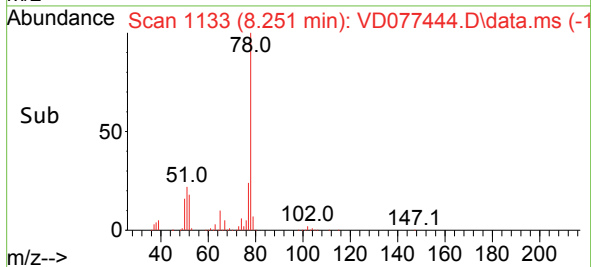
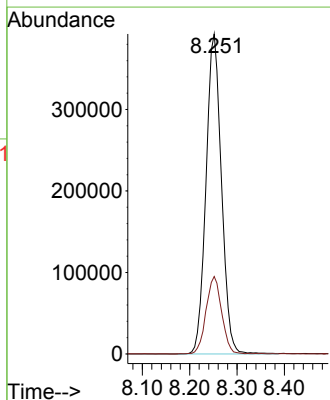
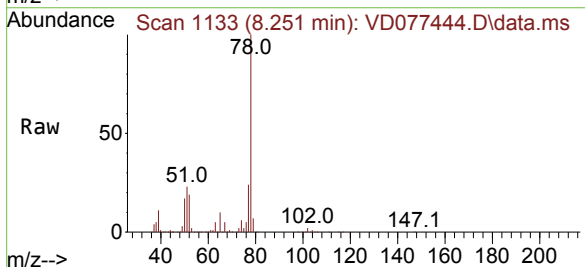
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 349572
Ion Ratio Lower Upper
83 100
55 89.9 49.4 74.0#
98 48.2 38.4 57.6



#40
Benzene
Concen: 52.575 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

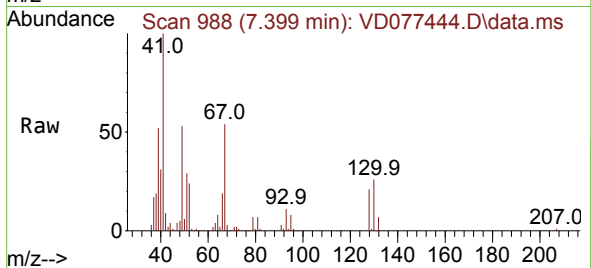
Tgt Ion: 78 Resp: 888221
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0



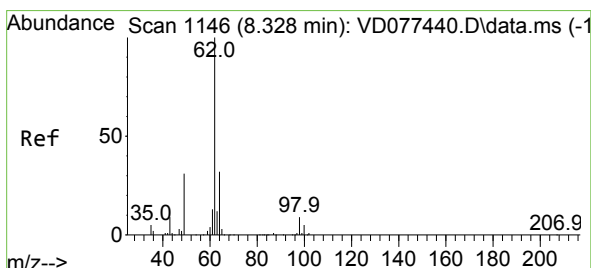
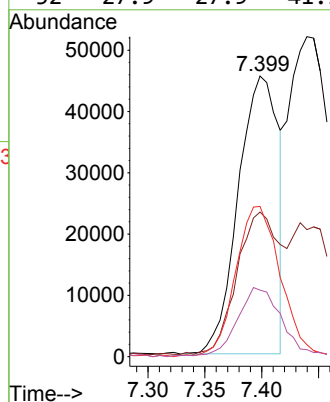
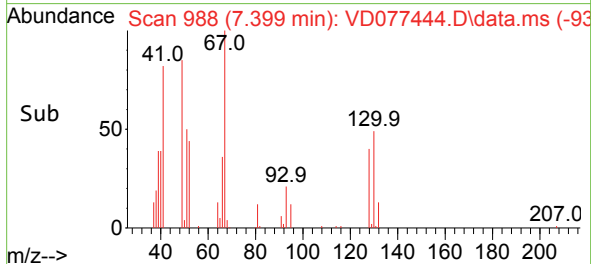


#41
Methacrylonitrile
Concen: 51.026 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :

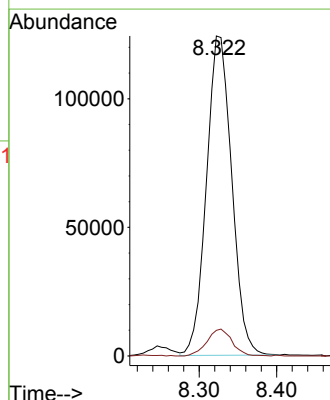
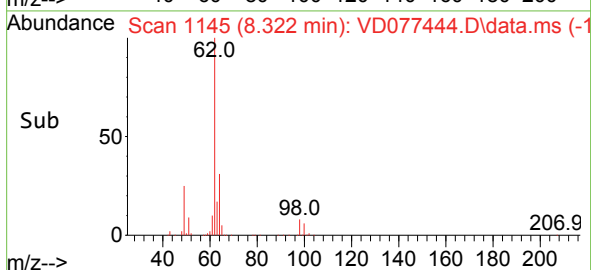
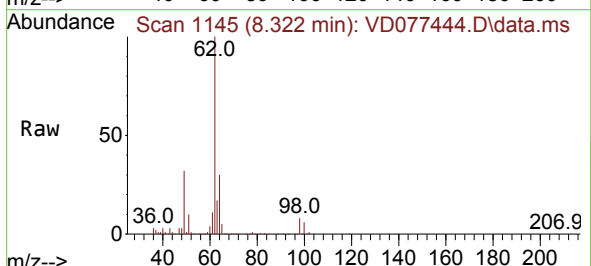


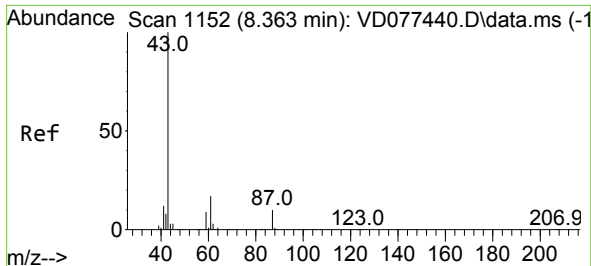
Tgt Ion: 41 Resp: 111011
Ion Ratio Lower Upper
41 100
39 57.2 34.0 51.0#
67 61.6 77.0 115.4#
52 27.9 27.9 41.9



#42
1,2-Dichloroethane
Concen: 52.616 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

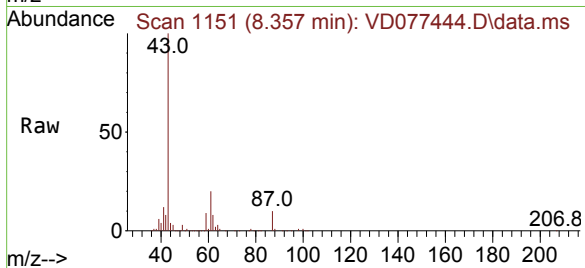
Tgt Ion: 62 Resp: 281545
Ion Ratio Lower Upper
62 100
98 8.4 0.0 25.4



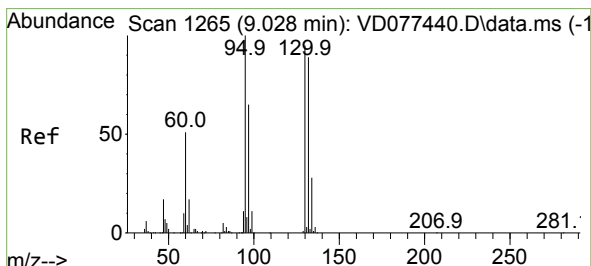
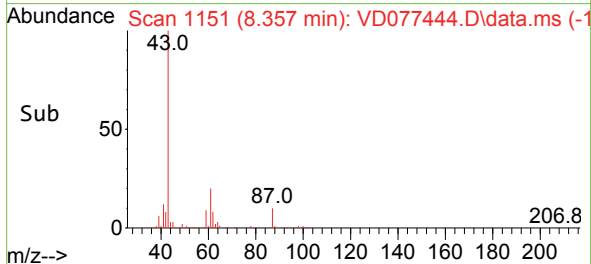
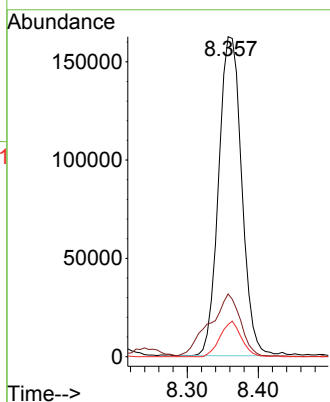


#43
Isopropyl Acetate
Concen: 52.060 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :

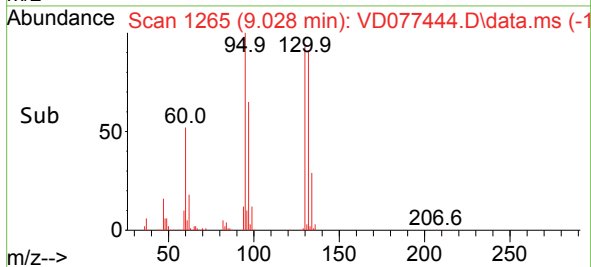
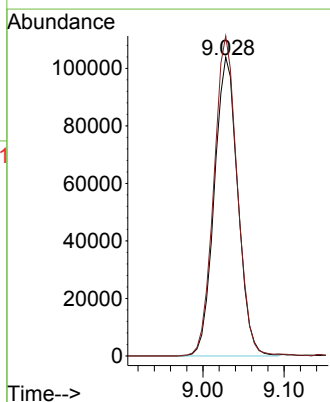
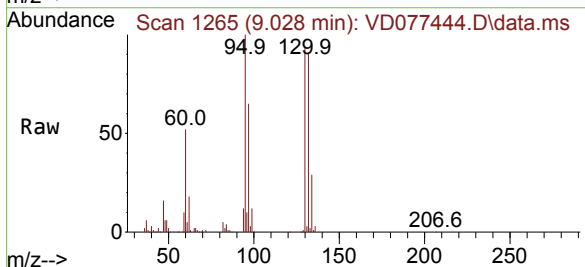


Tgt Ion: 43 Resp: 365285
Ion Ratio Lower Upper
43 100
61 25.8 31.4 47.0#
87 10.3 14.9 22.3#



#44
Trichloroethene
Concen: 50.479 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion:130 Resp: 208898
Ion Ratio Lower Upper
130 100
95 107.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.659 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

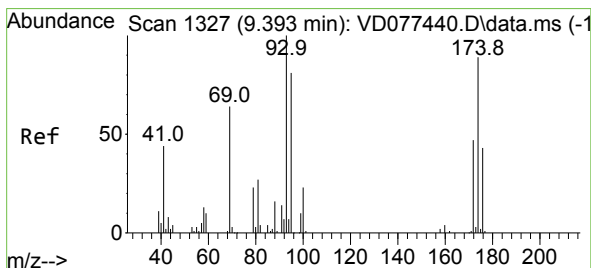
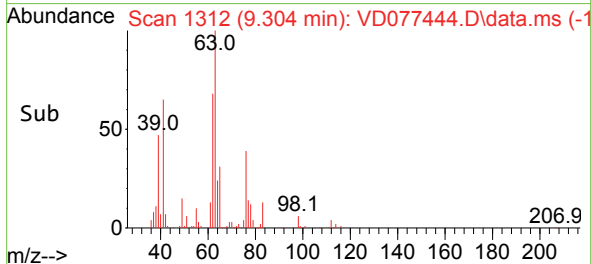
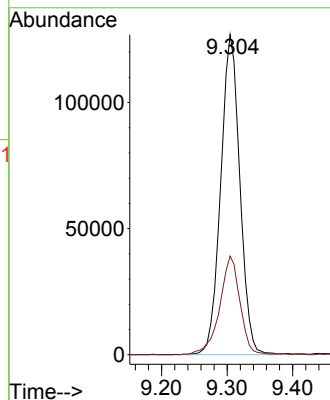
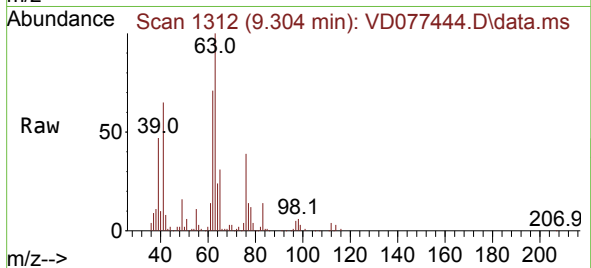
ClientSampleId :

Tgt Ion: 63 Resp: 256944

Ion Ratio Lower Upper

63 100

65 30.8 24.5 36.7



#46

Dibromomethane

Concen: 51.065 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

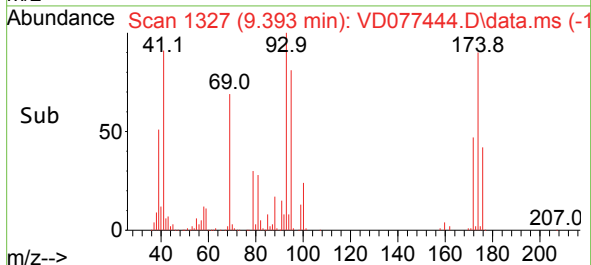
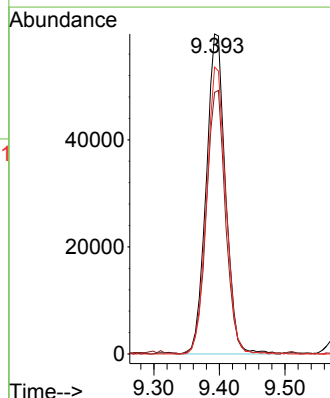
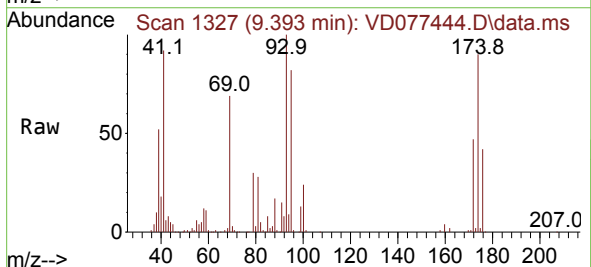
Tgt Ion: 93 Resp: 122229

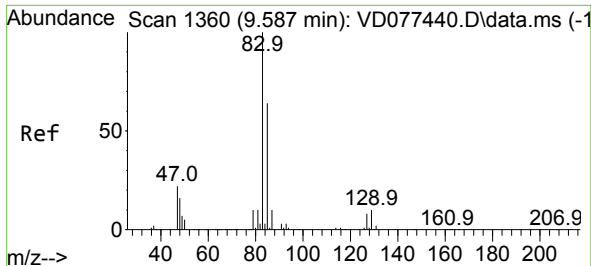
Ion Ratio Lower Upper

93 100

95 82.3 67.7 101.5

174 89.3 85.4 128.2

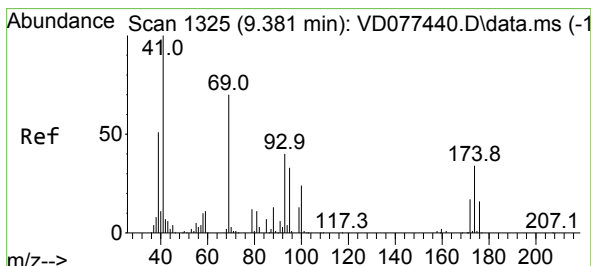
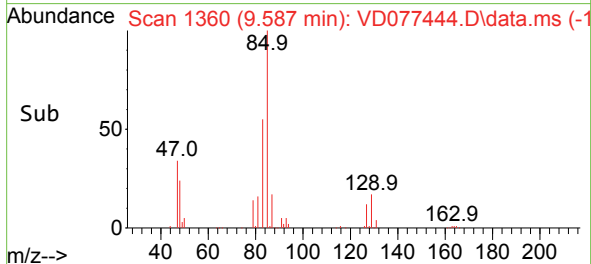
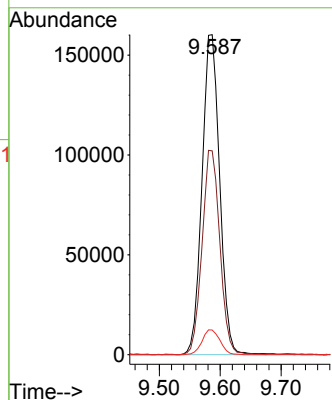
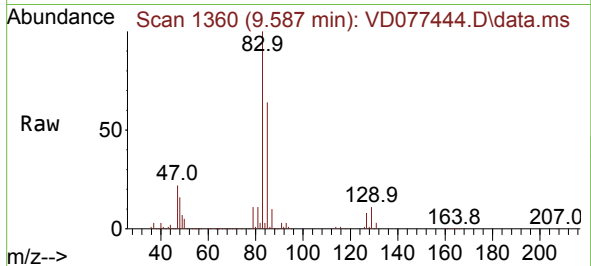




#47
Bromodichloromethane
Concen: 51.153 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

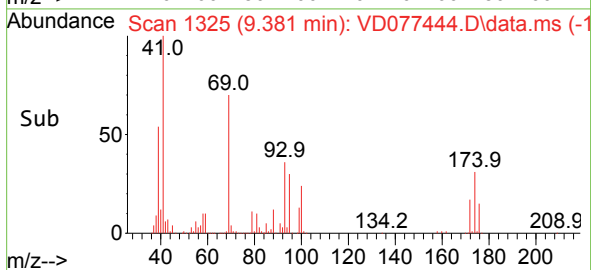
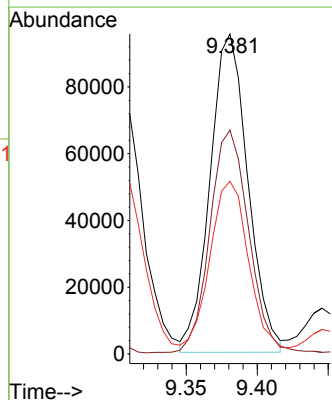
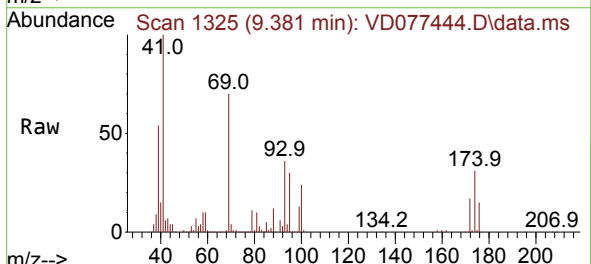
Instrument :
MSVOA_D
ClientSampleId :

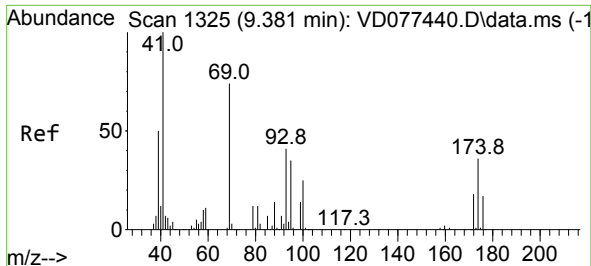
Tgt Ion: 83 Resp: 323625
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 52.854 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 41 Resp: 177025
Ion Ratio Lower Upper
41 100
69 72.2 102.2 153.2#
39 52.1 41.4 62.2





#49

1,4-Dioxane

Concen: 1032.187 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

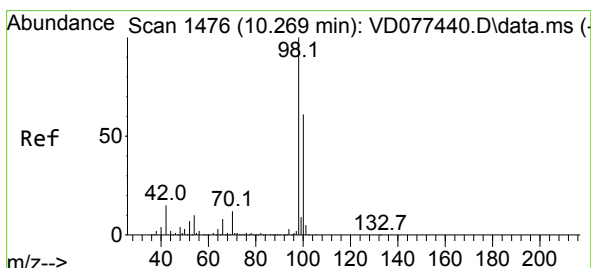
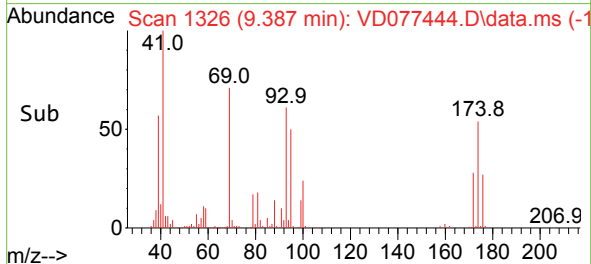
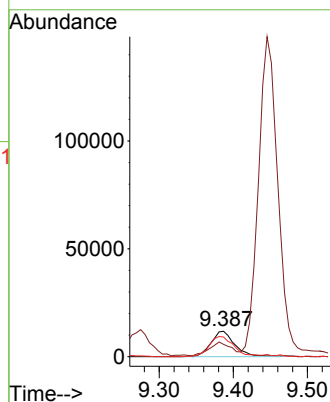
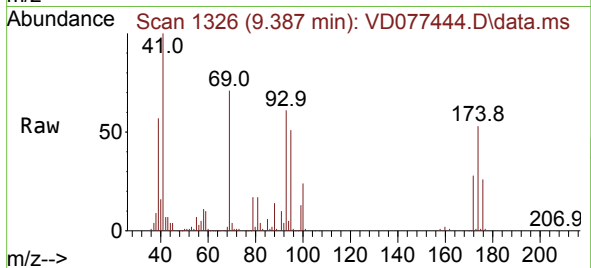
Tgt Ion: 88 Resp: 26548

Ion Ratio Lower Upper

88 100

43 46.8 19.0 28.6#

58 81.8 43.5 65.3#



#50

Toluene-d8

Concen: 53.548 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077444.D

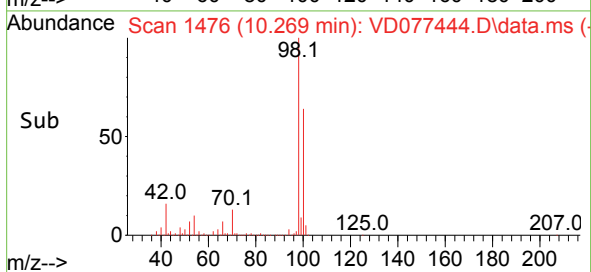
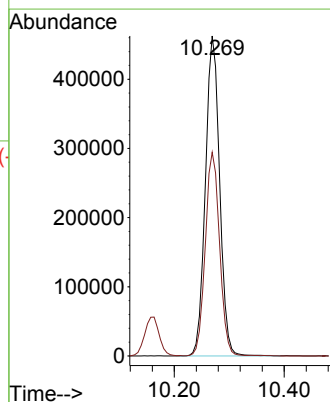
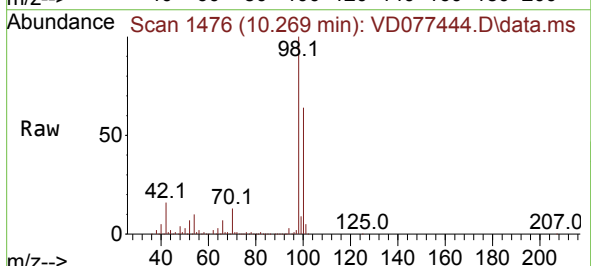
Acq: 30 Oct 2023 13:05

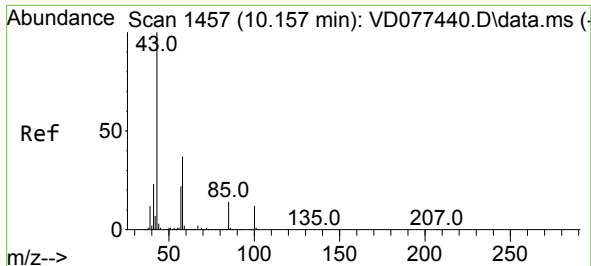
Tgt Ion: 98 Resp: 831140

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5

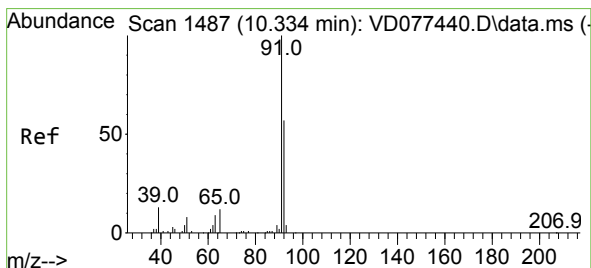
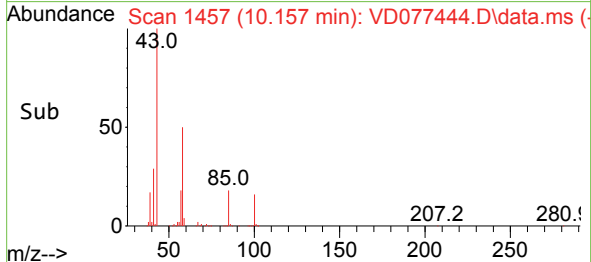
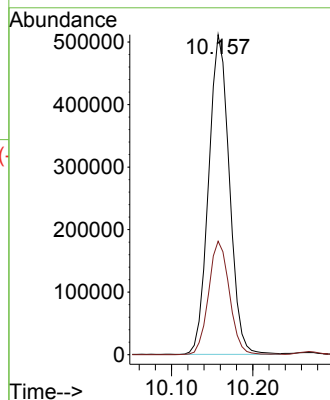
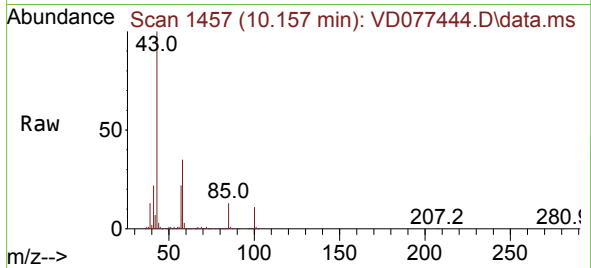




#51
4-Methyl-2-Pentanone
Concen: 262.537 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

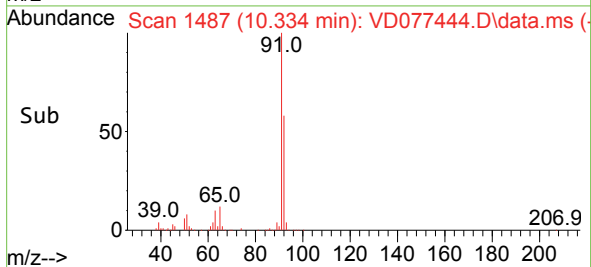
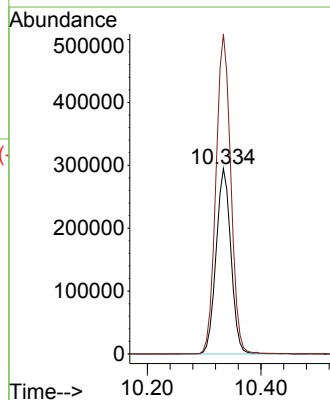
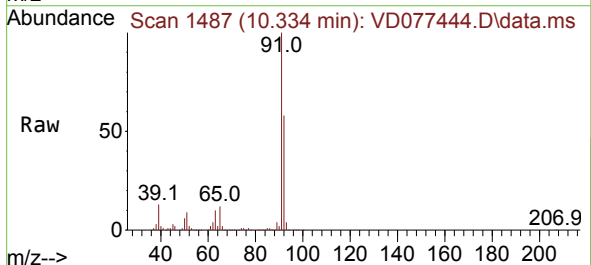
Instrument :
MSVOA_D
ClientSampleId :

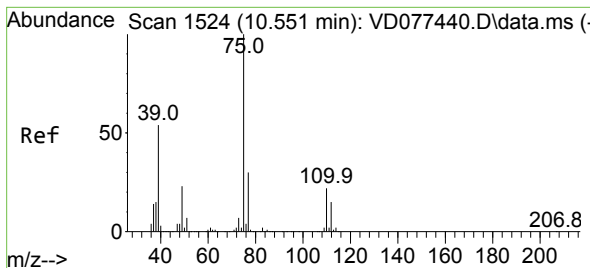
Tgt Ion: 43 Resp: 906712
Ion Ratio Lower Upper
43 100
58 35.7 38.9 58.3#



#52
Toluene
Concen: 51.687 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 92 Resp: 532334
Ion Ratio Lower Upper
92 100
91 173.1 143.0 214.4

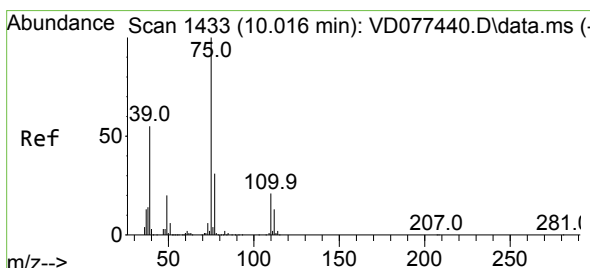
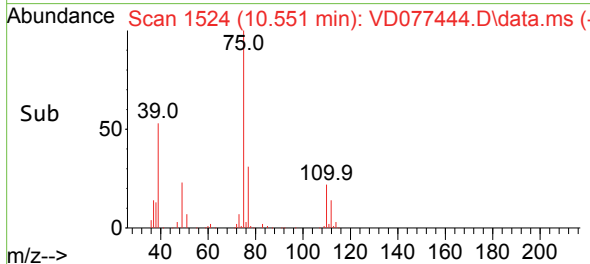
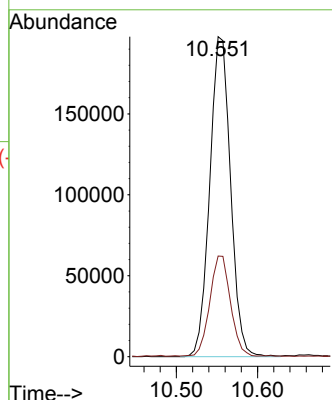
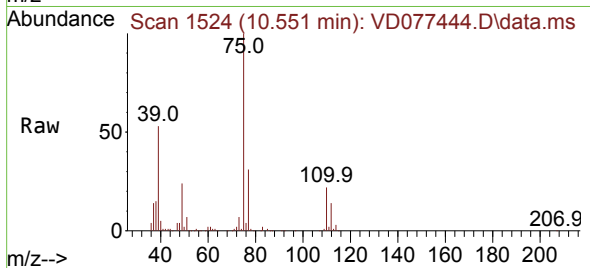




#53
t-1,3-Dichloropropene
Concen: 52.489 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

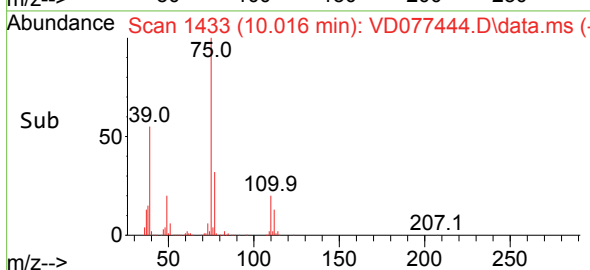
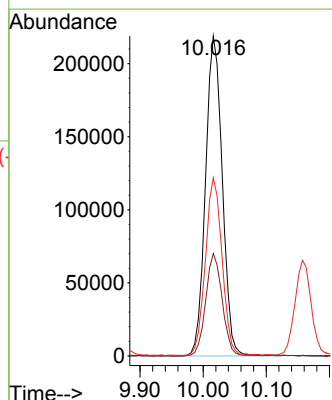
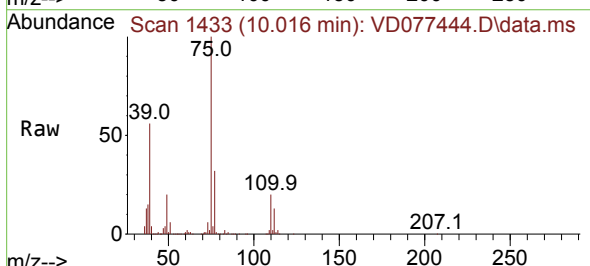
Instrument :
MSVOA_D
ClientSampleId :

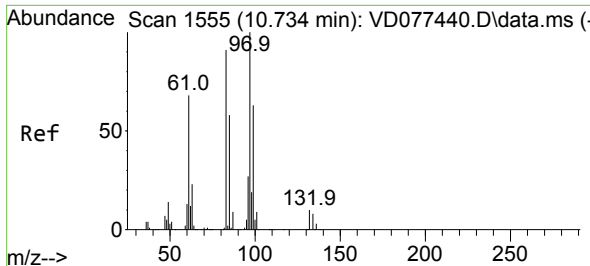
Tgt Ion: 75 Resp: 351633
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.376 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

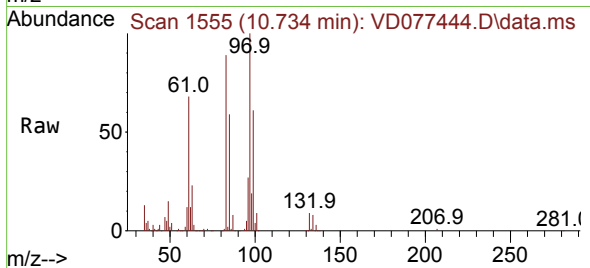
Tgt Ion: 75 Resp: 403779
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
39 55.5 22.1 33.1#



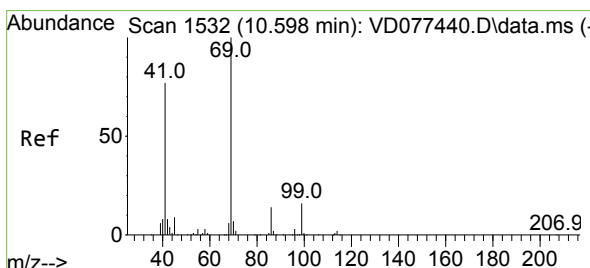
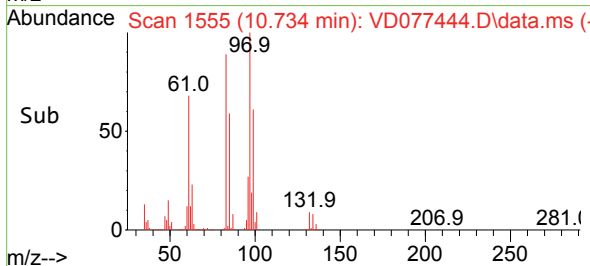
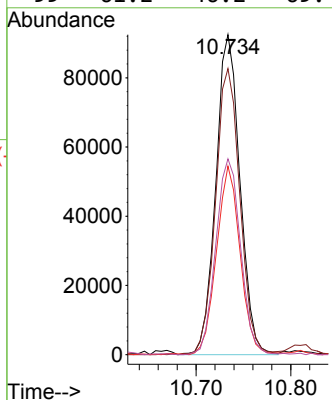


#55
1,1,2-Trichloroethane
Concen: 51.359 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :

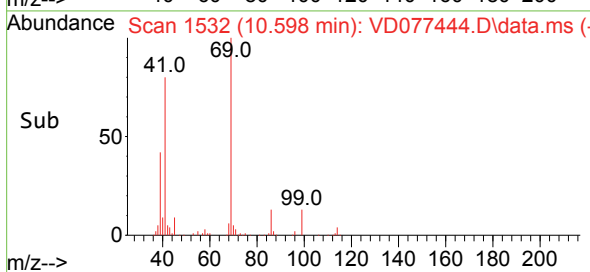
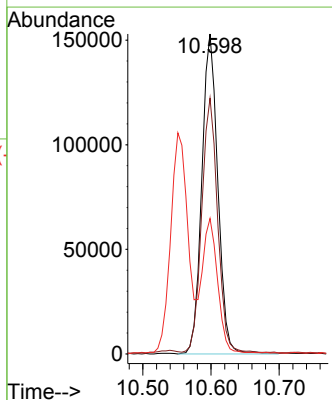
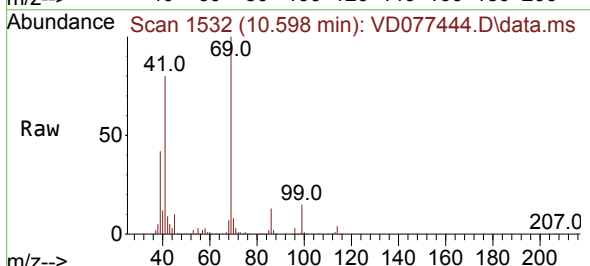


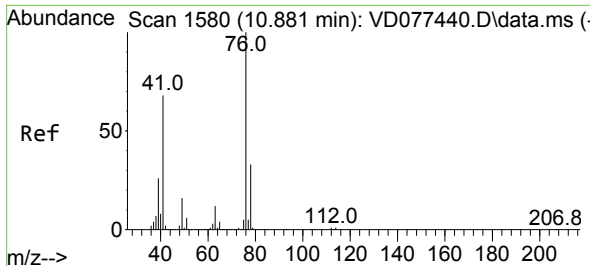
Tgt Ion: 97	Resp: 164015		
Ion	Ratio	Lower	Upper
97	100		
83	89.4	65.8	98.6
85	58.6	45.7	68.5
99	61.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 52.729 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 69	Resp: 250365
Ion Ratio	Lower Upper
69 100	
41 78.5	39.1 58.7#
39 41.7	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 51.999 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

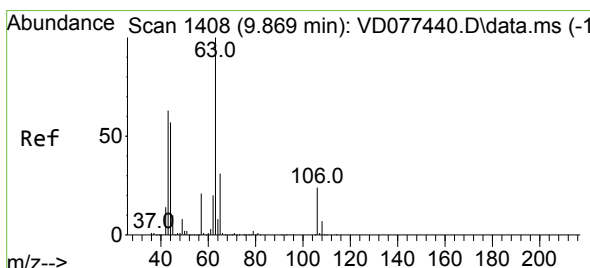
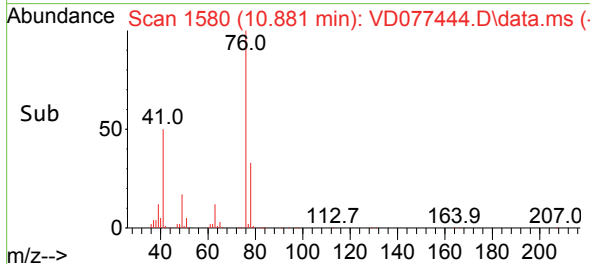
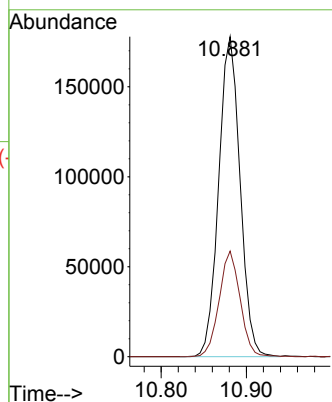
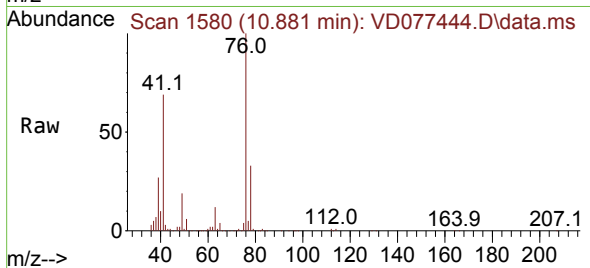
ClientSampleId :

Tgt Ion: 76 Resp: 310382

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 283.437 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077444.D

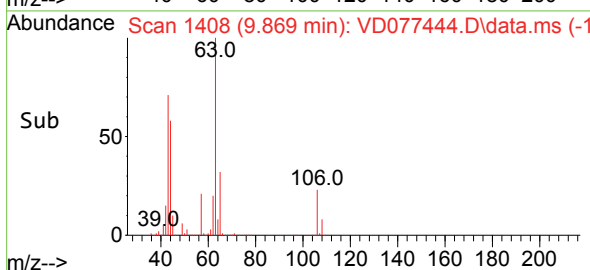
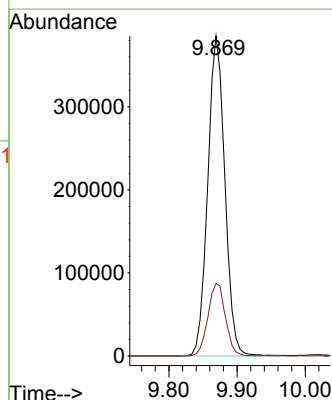
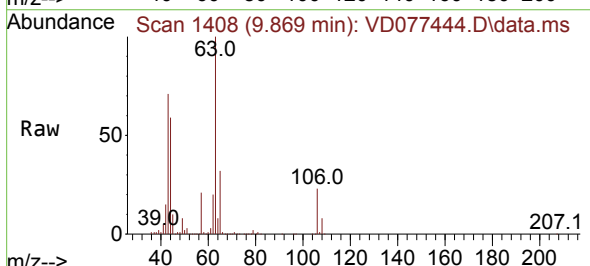
Acq: 30 Oct 2023 13:05

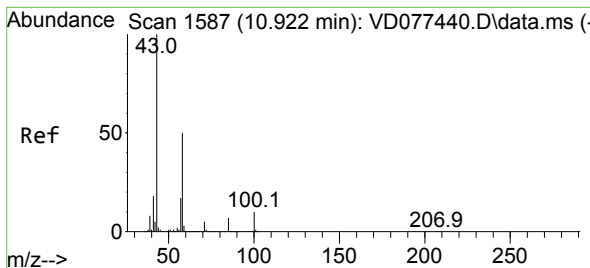
Tgt Ion: 63 Resp: 673751

Ion Ratio Lower Upper

63 100

106 23.2 25.3 37.9

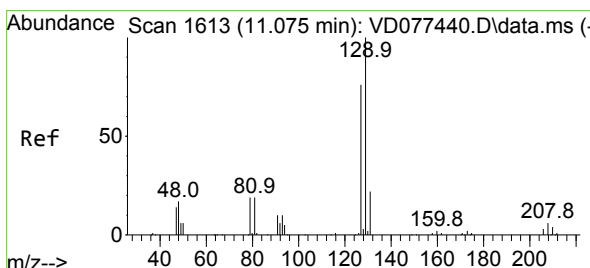
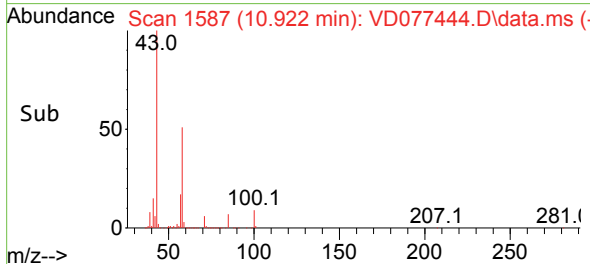
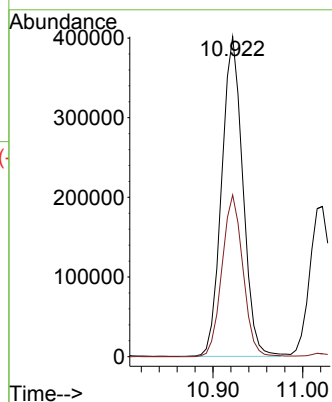
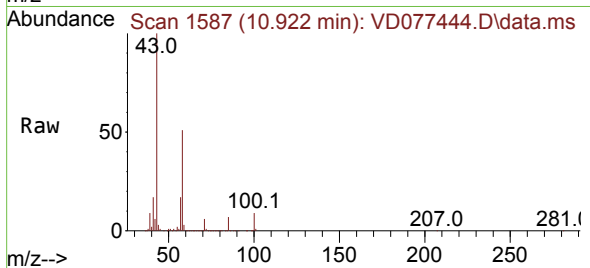




#59
2-Hexanone
Concen: 258.123 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

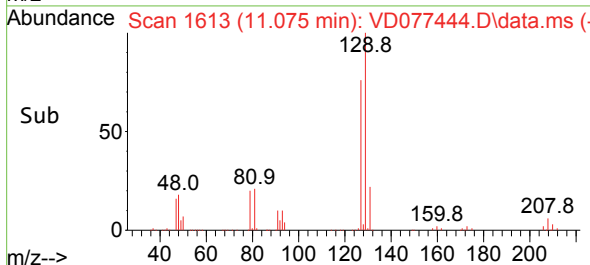
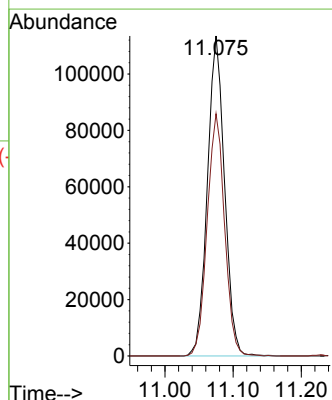
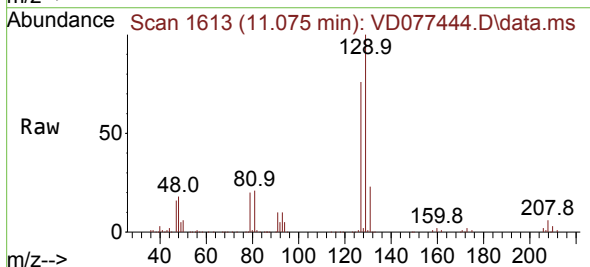
Instrument :
MSVOA_D
ClientSampleId :

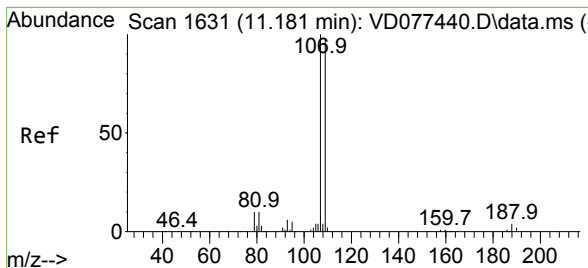
Tgt Ion: 43 Resp: 656717
Ion Ratio Lower Upper
43 100
58 50.2 34.1 102.2



#60
Dibromochloromethane
Concen: 51.622 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 129 Resp: 198231
Ion Ratio Lower Upper
129 100
127 76.9 37.1 111.5

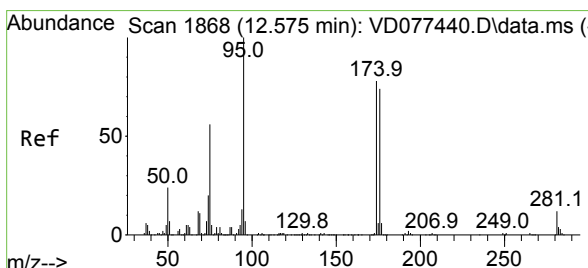
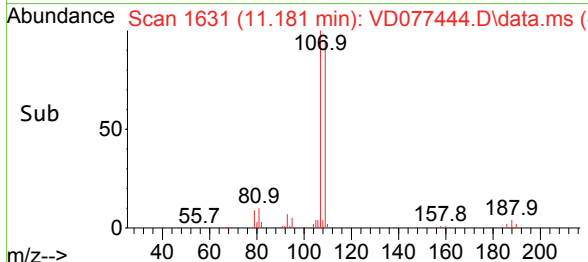
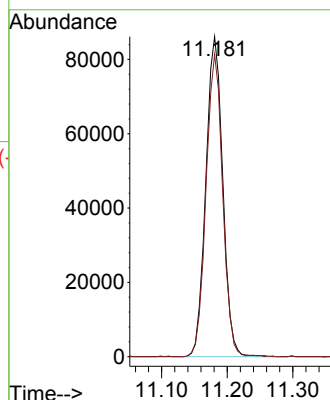
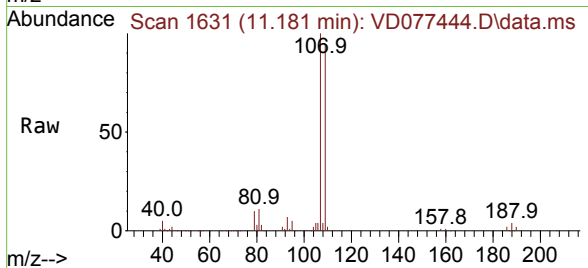




#61
1,2-Dibromoethane
Concen: 51.137 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

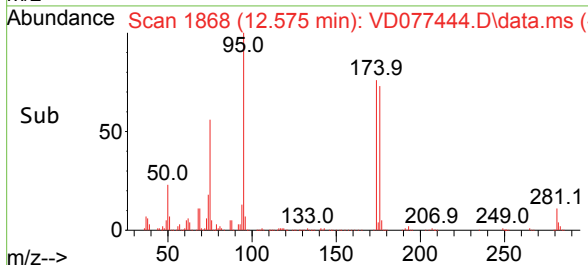
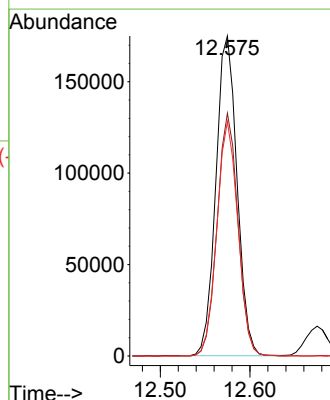
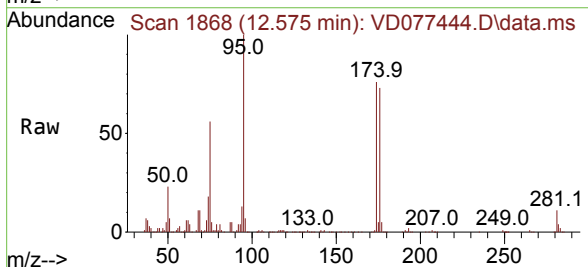
Instrument :
MSVOA_D
ClientSampleId :

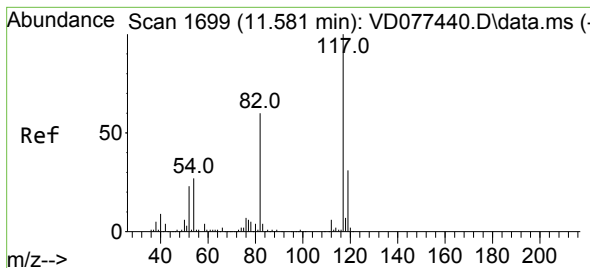
Tgt Ion:107 Resp: 154651
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.701 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 95 Resp: 285962
Ion Ratio Lower Upper
95 100
174 74.5 0.0 201.8
176 72.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

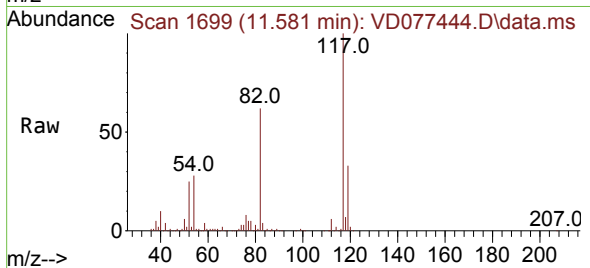
Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :



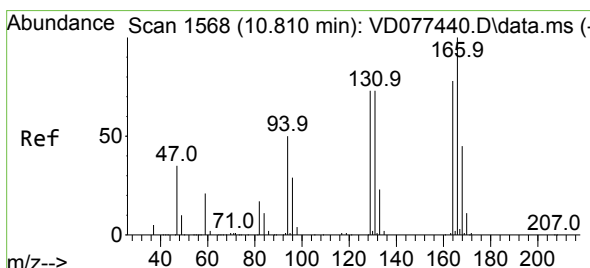
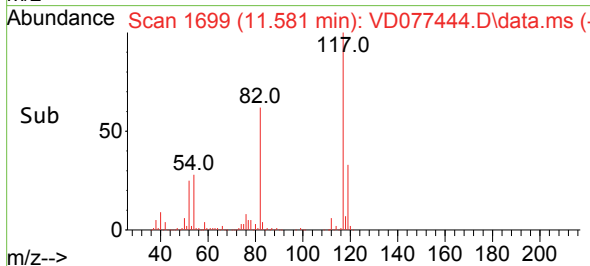
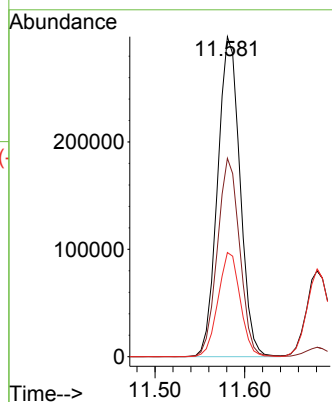
Tgt Ion:117 Resp: 516688

Ion Ratio Lower Upper

117 100

82 62.0 38.3 57.5#

119 32.6 25.0 37.4



#64

Tetrachloroethene

Concen: 48.690 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Tgt Ion:164 Resp: 160167

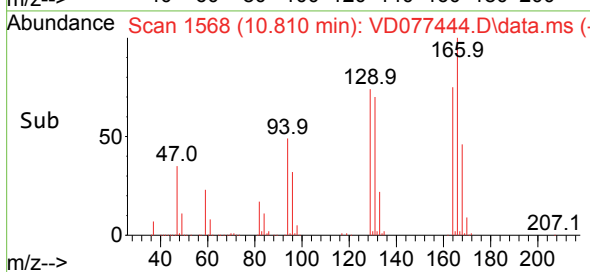
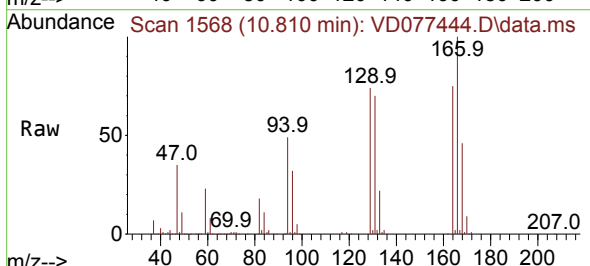
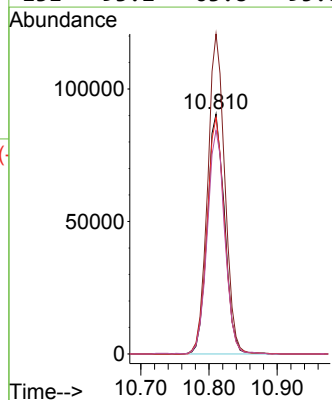
Ion Ratio Lower Upper

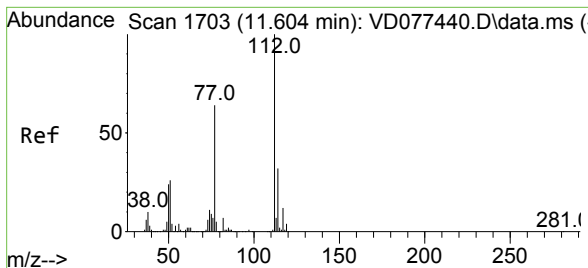
164 100

166 133.4 99.2 148.8

129 98.5 68.4 102.6

131 93.2 63.8 95.8





#65

Chlorobenzene

Concen: 51.056 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

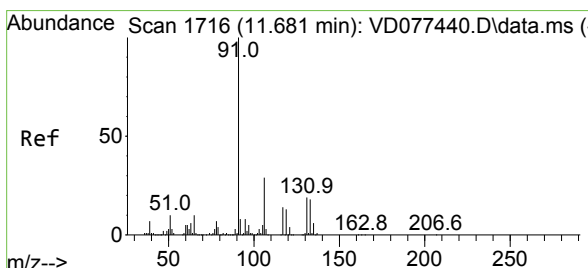
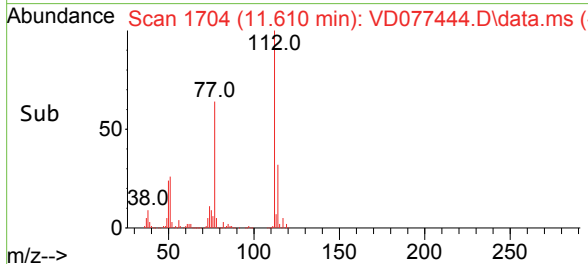
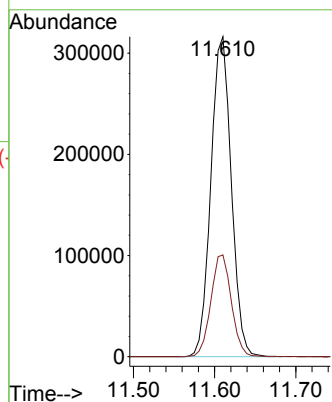
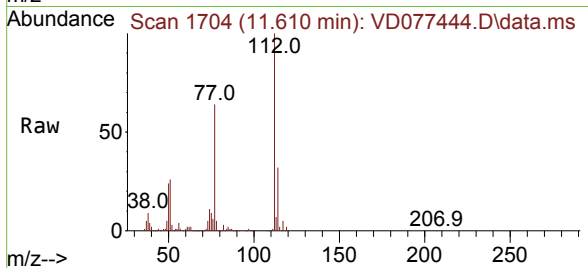
ClientSampleId :

Tgt Ion:112 Resp: 552657

Ion Ratio Lower Upper

112 100

114 31.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 49.797 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

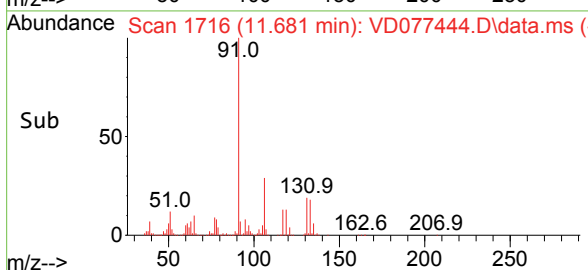
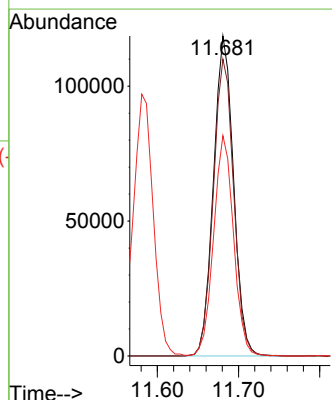
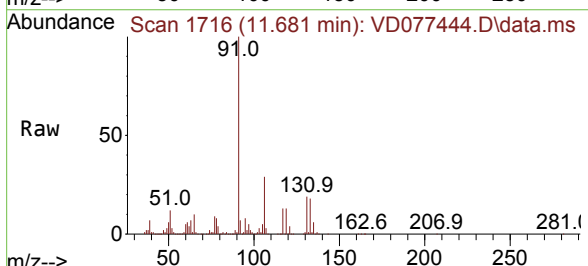
Tgt Ion:131 Resp: 203696

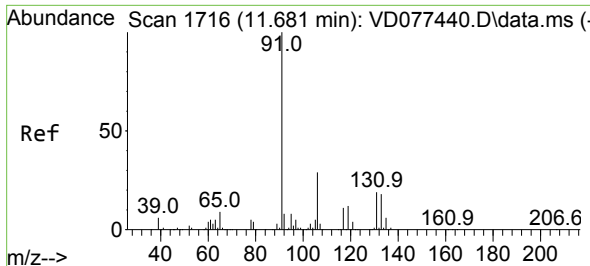
Ion Ratio Lower Upper

131 100

133 94.4 48.5 145.5

119 68.5 35.6 106.9

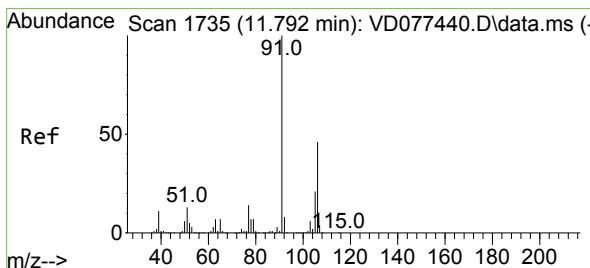
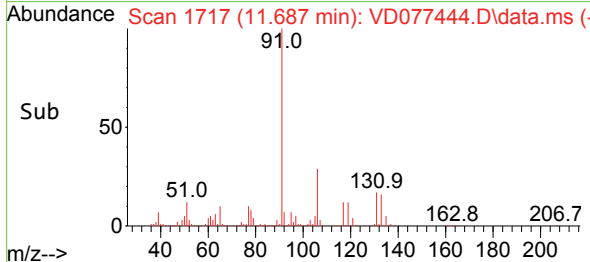
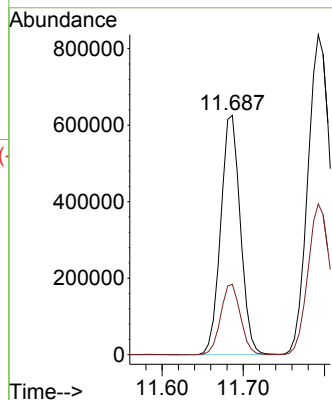
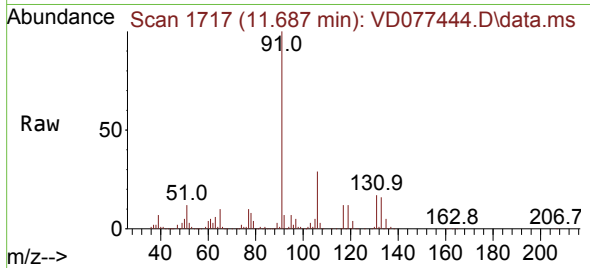




#67
Ethyl Benzene
Concen: 50.591 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

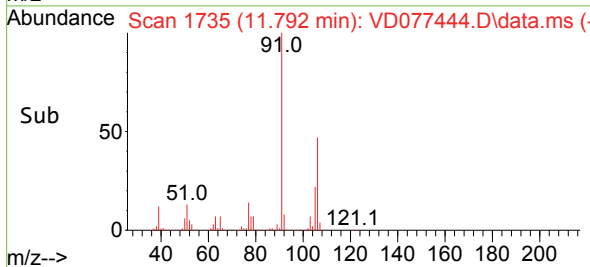
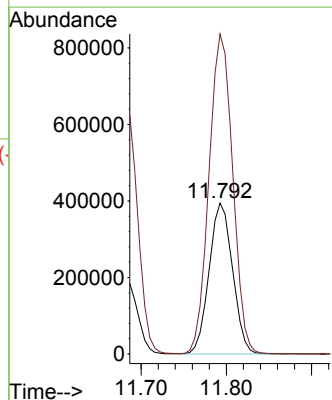
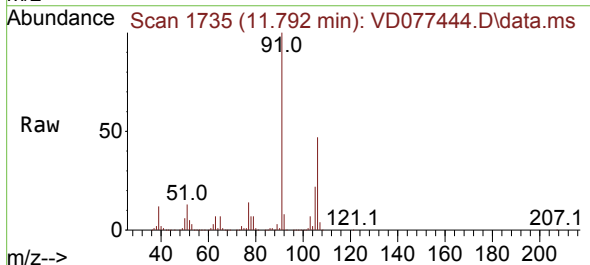
Instrument :
MSVOA_D
ClientSampleId :

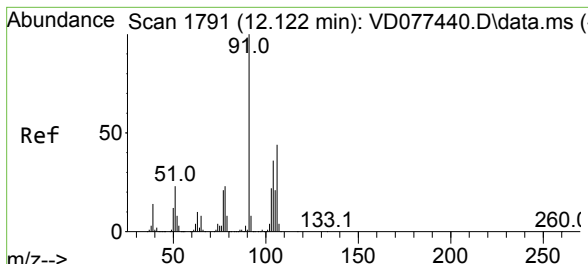
Tgt Ion: 91 Resp: 1053681
Ion Ratio Lower Upper
91 100
106 29.4 26.5 39.7



#68
m/p-Xylenes
Concen: 100.490 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion:106 Resp: 755788
Ion Ratio Lower Upper
106 100
91 214.6 147.0 220.6

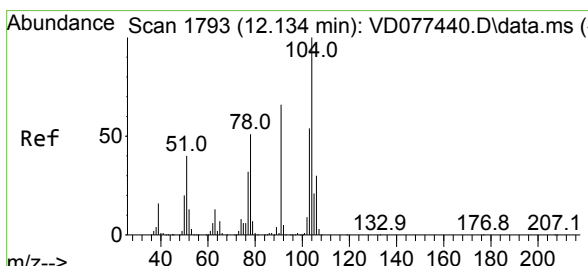
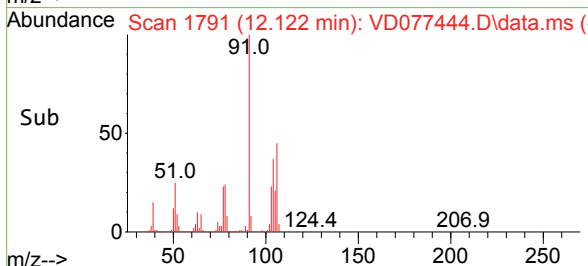
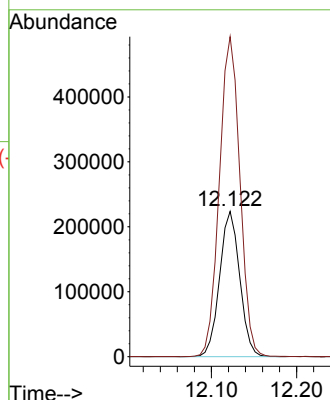
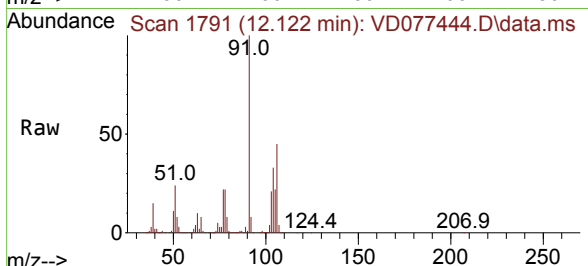




#69
o-Xylene
Concen: 50.879 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

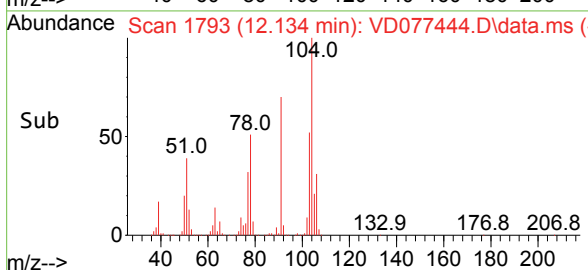
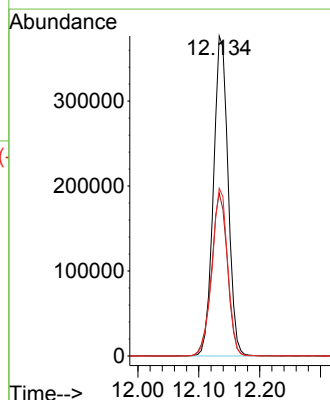
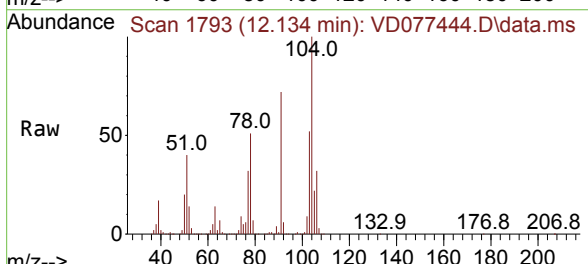
Instrument :
MSVOA_D
ClientSampleId :

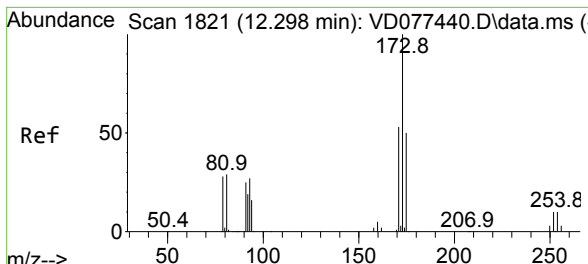
Tgt Ion:106 Resp: 366534
Ion Ratio Lower Upper
106 100
91 225.6 97.9 293.6



#70
Styrene
Concen: 50.654 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion:104 Resp: 629525
Ion Ratio Lower Upper
104 100
78 55.1 33.2 49.8#
103 56.0 43.6 65.4



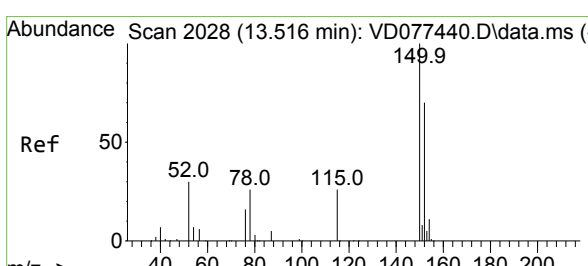
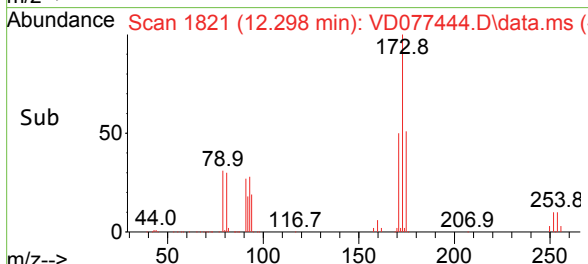
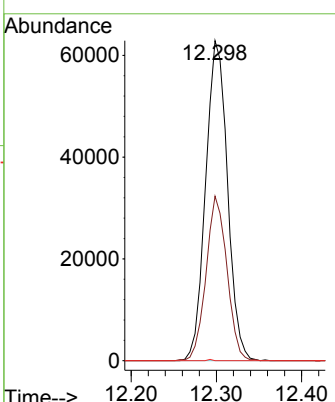
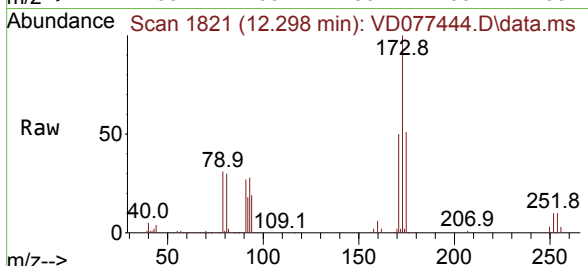


#71
 Bromoform
 Concen: 49.341 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:173 Resp: 111894

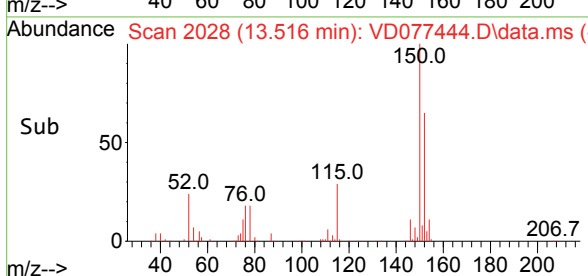
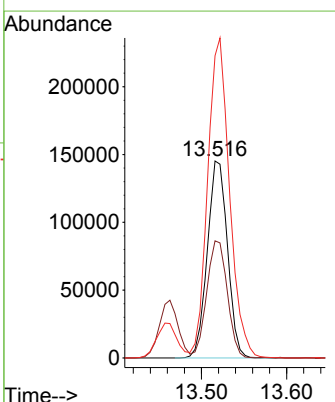
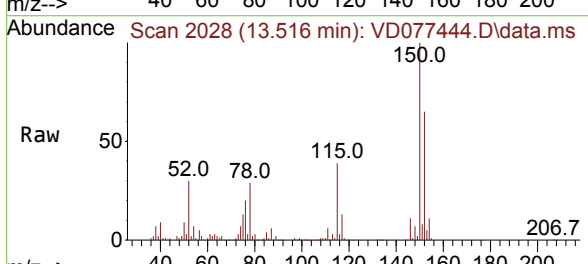
Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.6	73.8
254	0.1	0.0	0.0#

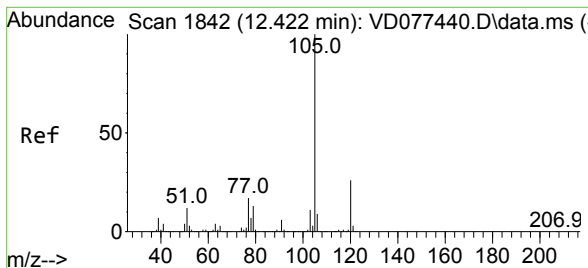


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

Tgt Ion:152 Resp: 238518

Ion	Ratio	Lower	Upper
152	100		
115	60.7	27.1	81.3
150	176.0	0.0	353.6





#73

Isopropylbenzene

Concen: 49.245 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

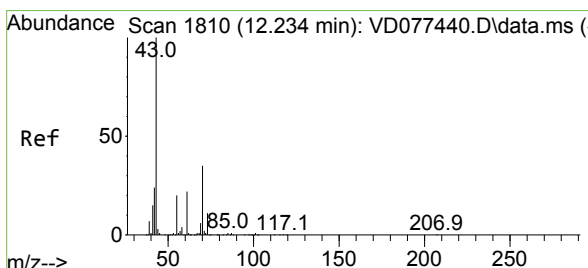
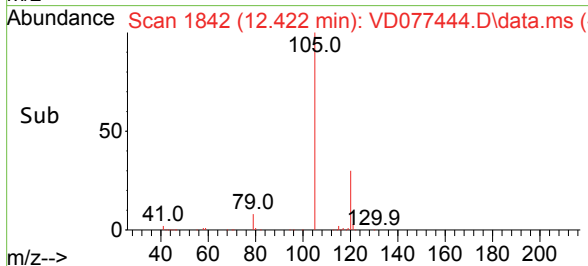
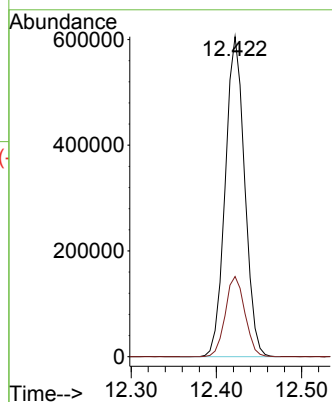
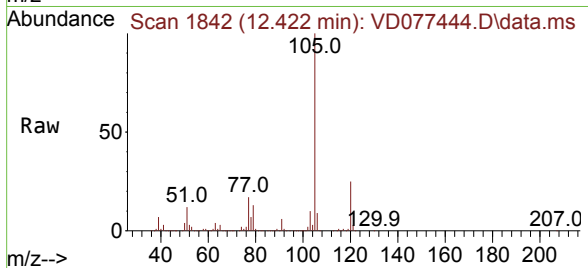
ClientSampleId :

Tgt Ion:105 Resp: 957655

Ion Ratio Lower Upper

105 100

120 25.3 14.3 42.9



#74

N-ethyl acetate

Concen: 51.809 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Tgt Ion: 43 Resp: 356867

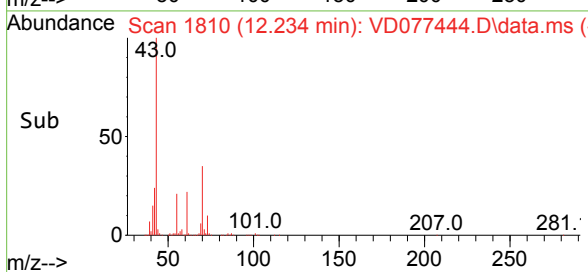
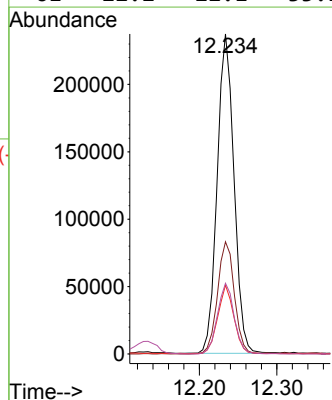
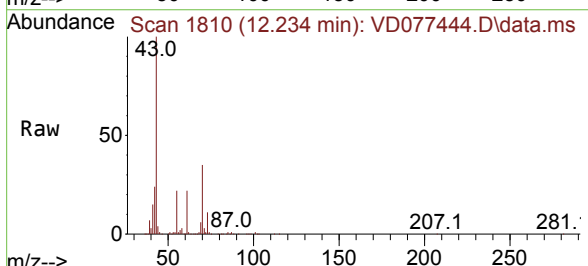
Ion Ratio Lower Upper

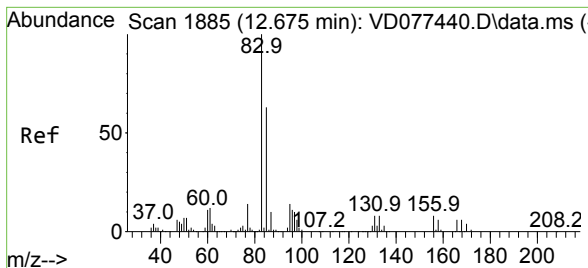
43 100

70 35.4 45.0 67.4#

55 20.4 23.8 35.6#

61 22.2 22.1 33.1

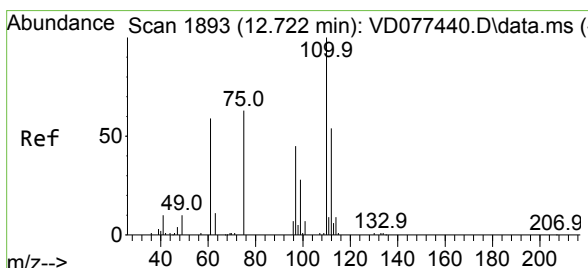
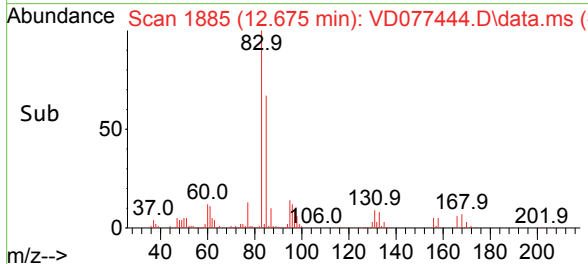
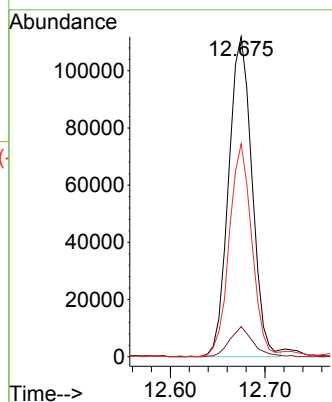
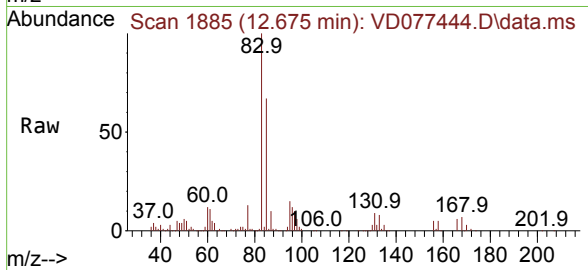




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.509 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

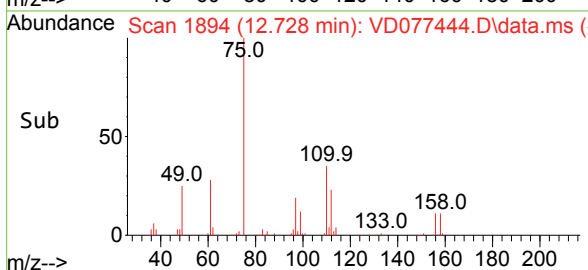
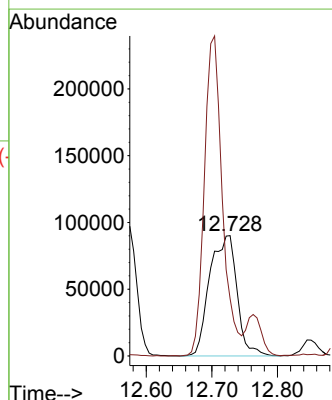
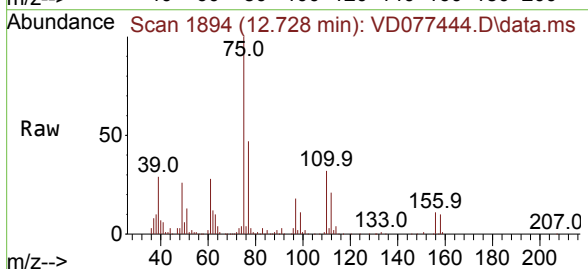
Instrument :
 MSVOA_D
 ClientSampleId :

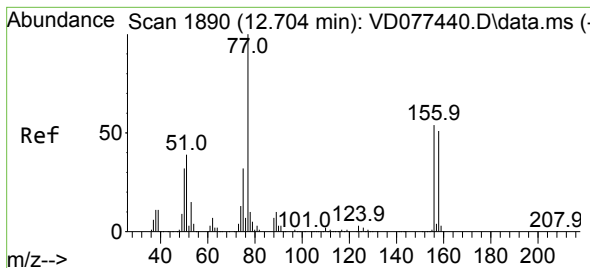
Tgt Ion: 83 Resp: 192537
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.1 15.3
 85 64.2 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 89.818 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

Tgt Ion: 75 Resp: 260739
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.654 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

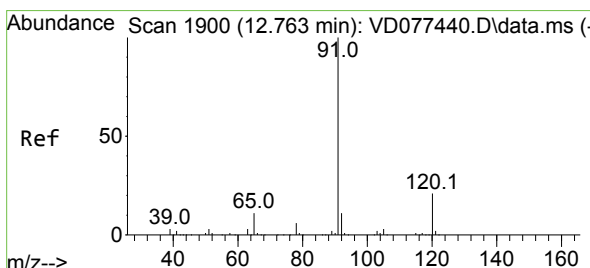
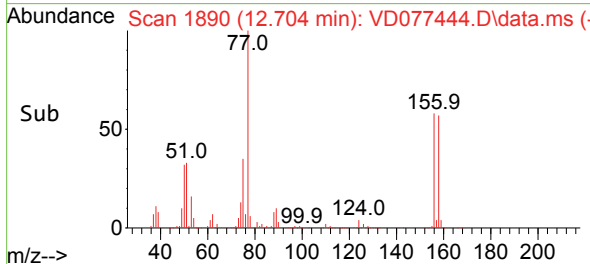
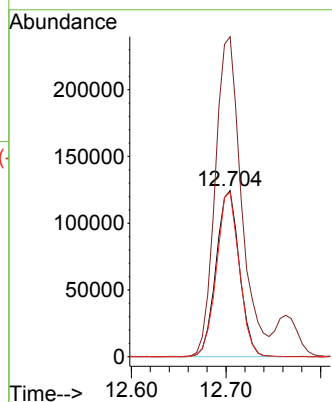
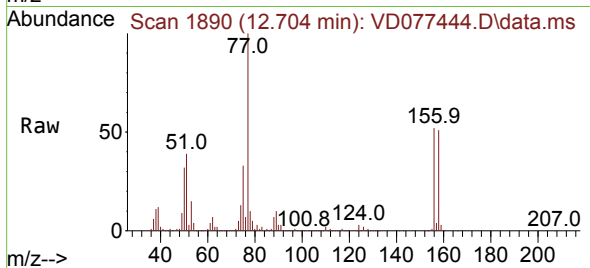
Tgt Ion:156 Resp: 212543

Ion Ratio Lower Upper

156 100

77 216.6 76.8 230.4

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 48.814 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077444.D

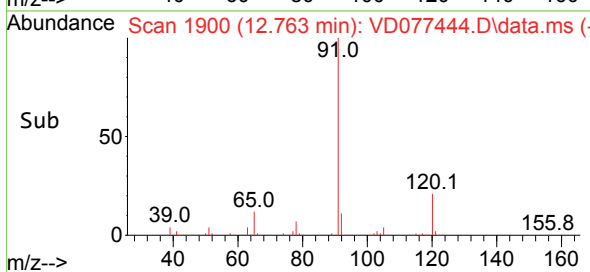
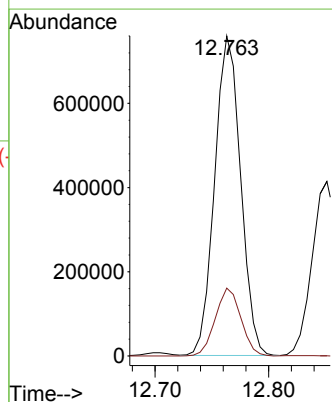
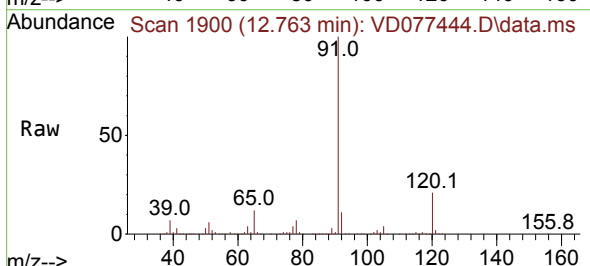
Acq: 30 Oct 2023 13:05

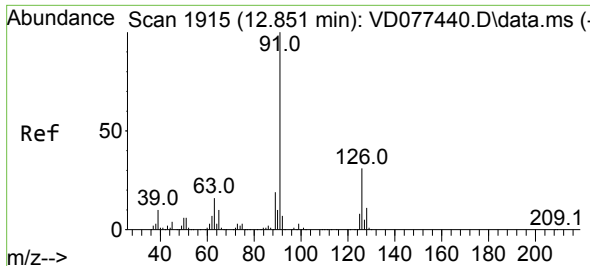
Tgt Ion: 91 Resp: 1205327

Ion Ratio Lower Upper

91 100

120 20.9 12.4 37.2

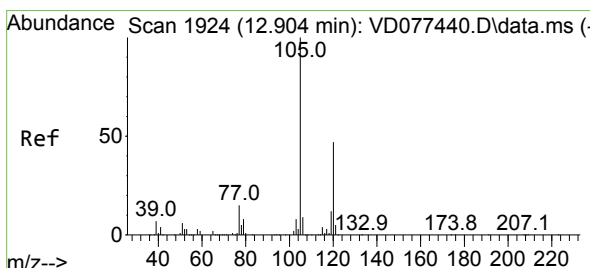
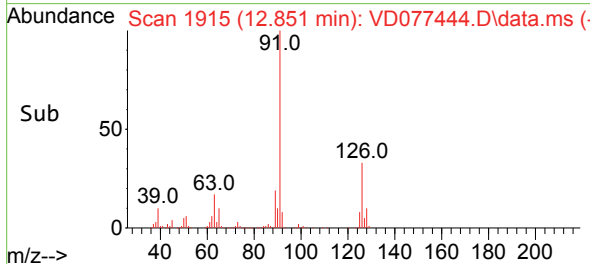
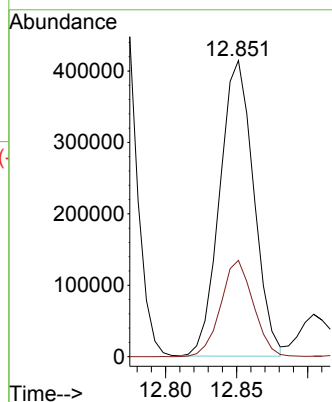
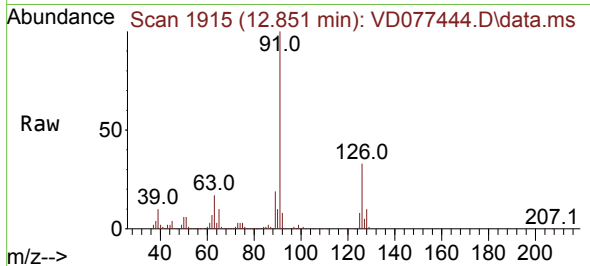




#79
2-Chlorotoluene
Concen: 49.383 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

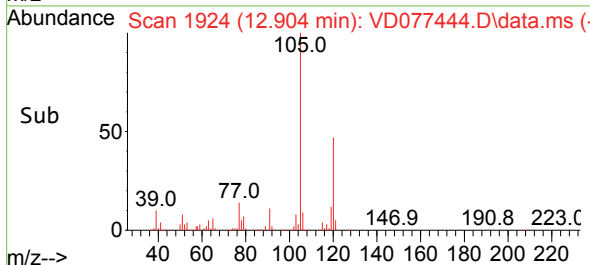
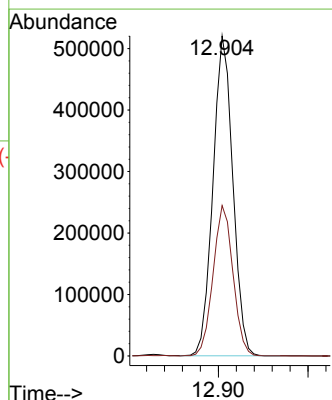
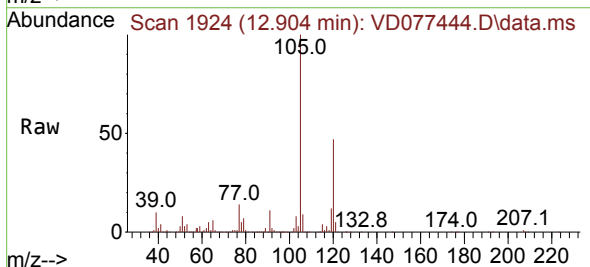
Instrument :
MSVOA_D
ClientSampleId :

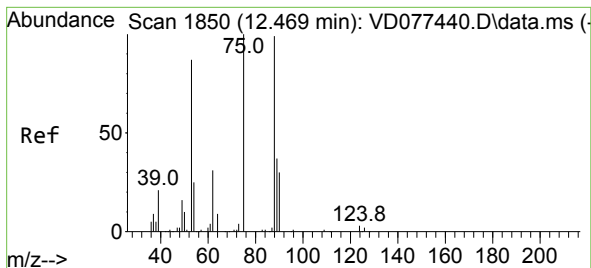
Tgt Ion: 91 Resp: 690415
Ion Ratio Lower Upper
91 100
126 31.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 48.986 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 105 Resp: 799320
Ion Ratio Lower Upper
105 100
120 47.2 26.4 79.2

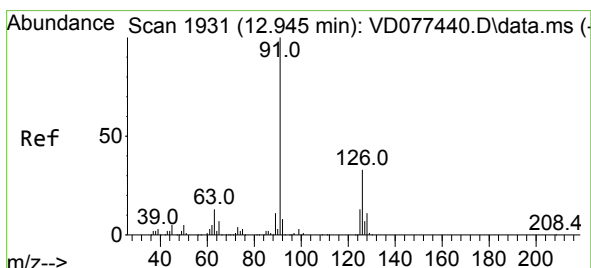
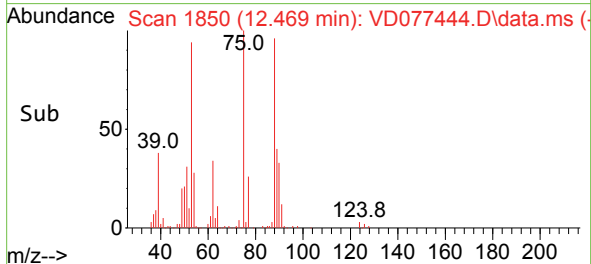
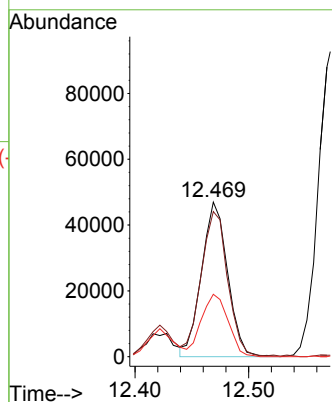
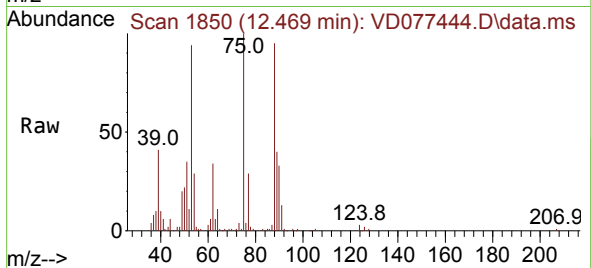




#81
trans-1,4-Dichloro-2-butene
Concen: 49.931 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

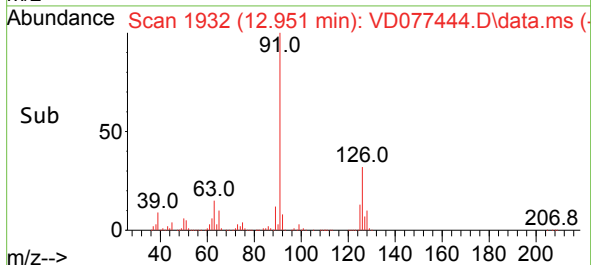
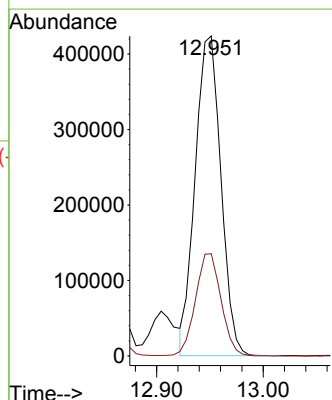
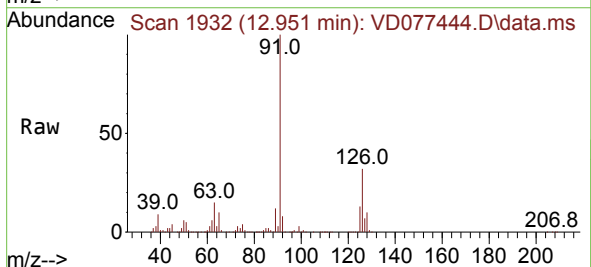
Instrument :
MSVOA_D
ClientSampleId :

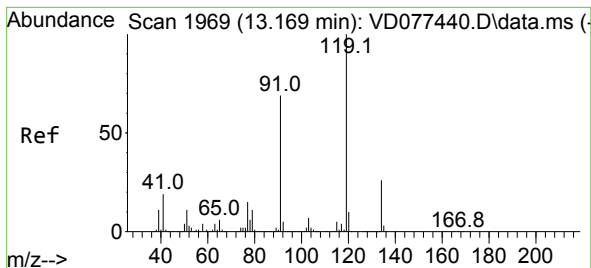
Tgt Ion: 75 Resp: 75040
Ion Ratio Lower Upper
75 100
53 94.7 63.0 94.4#
89 41.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 48.770 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 91 Resp: 710225
Ion Ratio Lower Upper
91 100
126 32.0 19.4 58.4

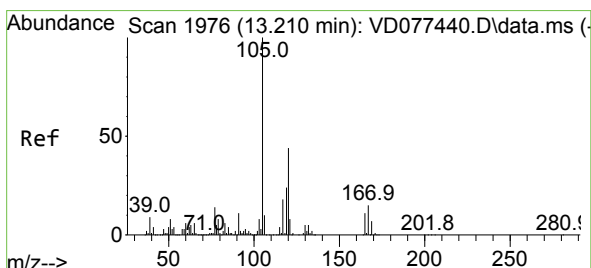
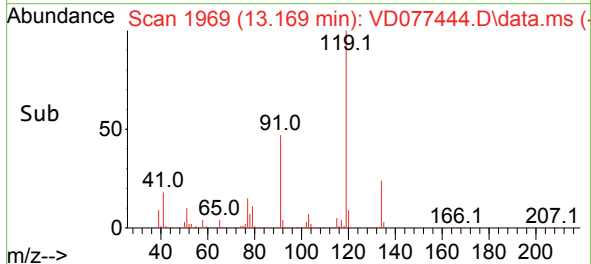
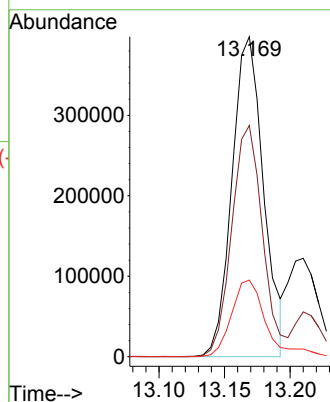
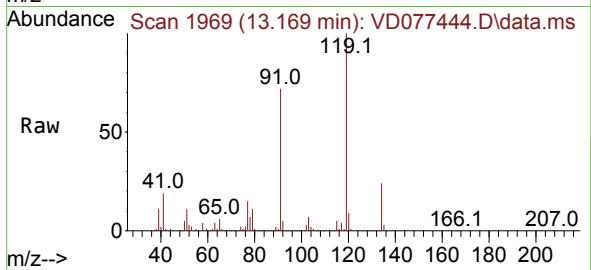




#83
 tert-Butylbenzene
 Concen: 48.545 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

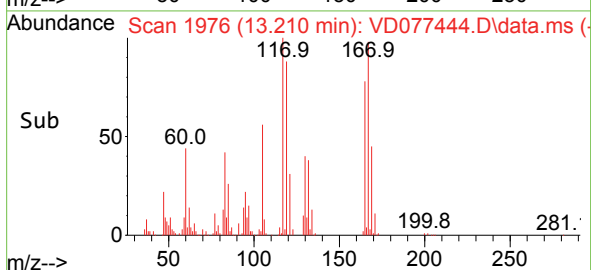
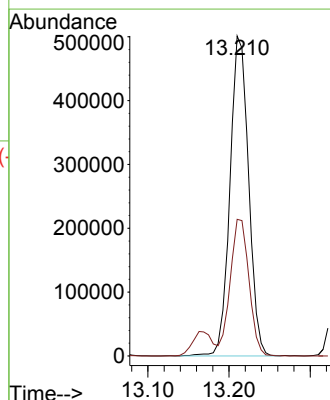
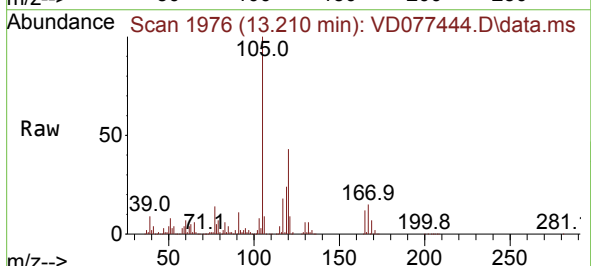
Instrument :
 MSVOA_D
 ClientSampleId :

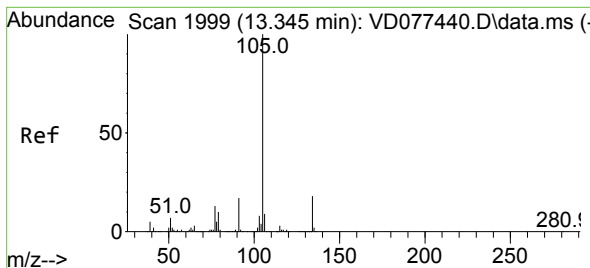
Tgt Ion:119 Resp: 665994
 Ion Ratio Lower Upper
 119 100
 91 71.0 29.3 87.8
 134 26.1 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 49.196 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

Tgt Ion:105 Resp: 797415
 Ion Ratio Lower Upper
 105 100
 120 42.9 24.3 72.9





#85

sec-Butylbenzene

Concen: 48.308 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

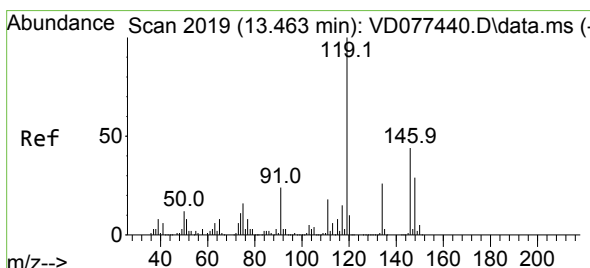
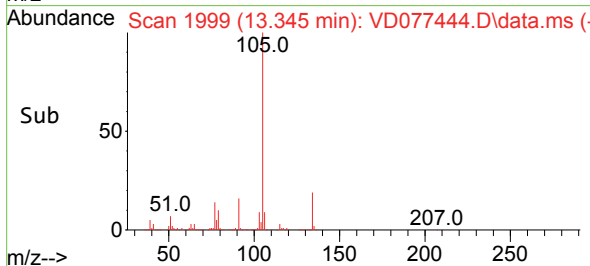
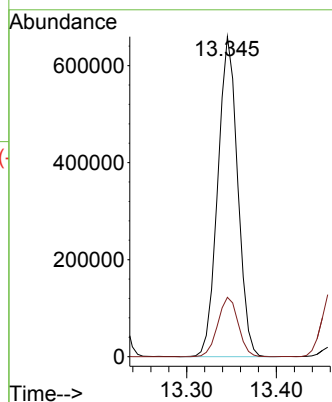
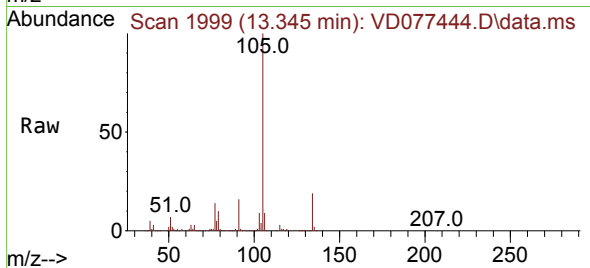
ClientSampleId :

Tgt Ion:105 Resp: 1014034

Ion Ratio Lower Upper

105 100

134 19.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 48.538 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

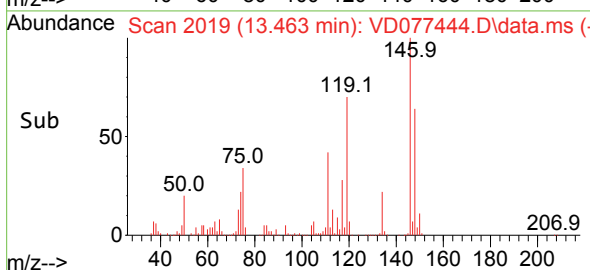
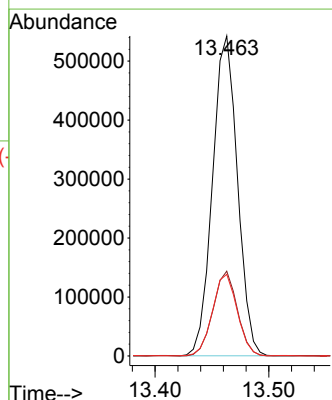
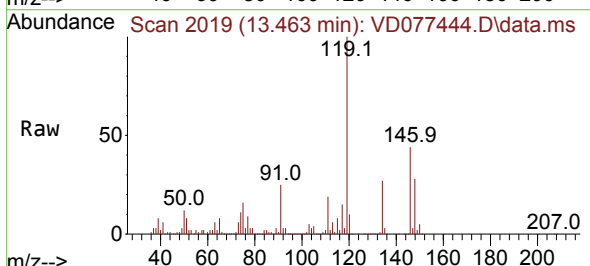
Tgt Ion:119 Resp: 828152

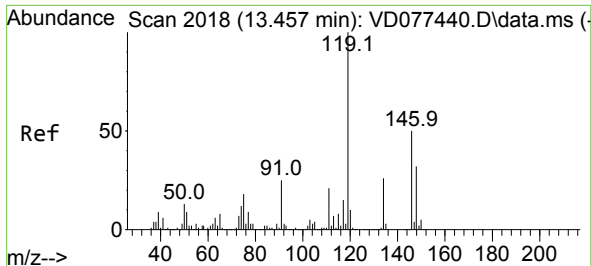
Ion Ratio Lower Upper

119 100

134 25.9 14.2 42.6

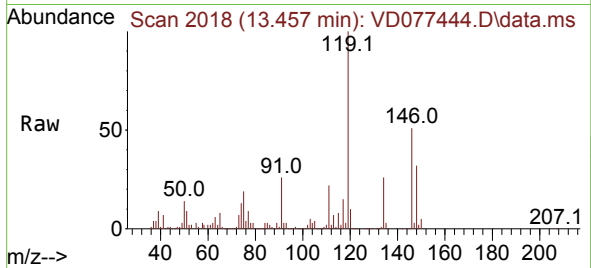
91 25.3 10.5 31.5



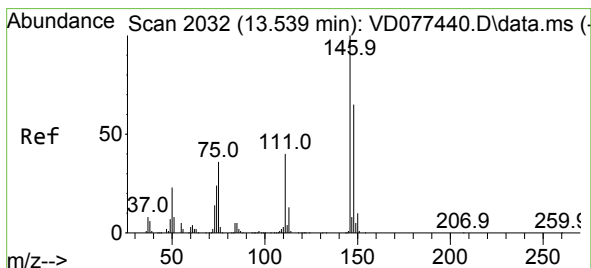
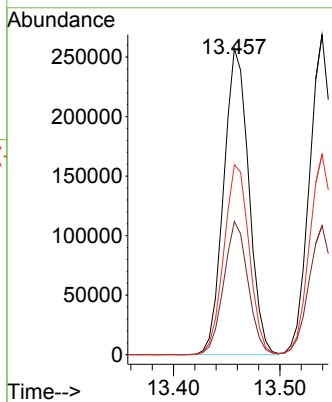
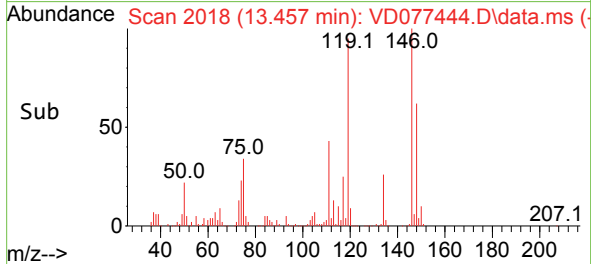


#87
1,3-Dichlorobenzene
Concen: 50.001 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

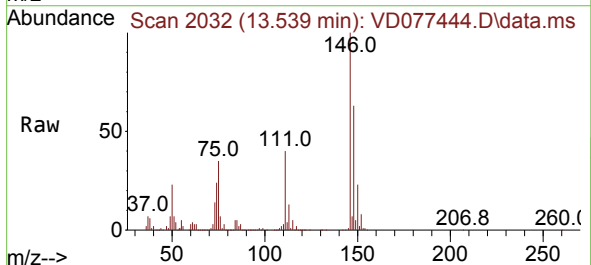
Instrument :
MSVOA_D
ClientSampleId :



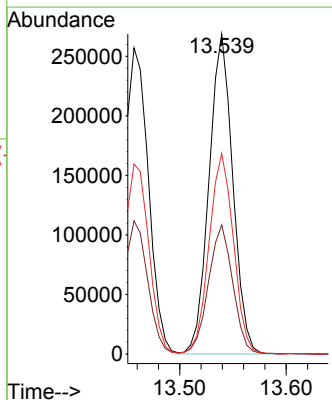
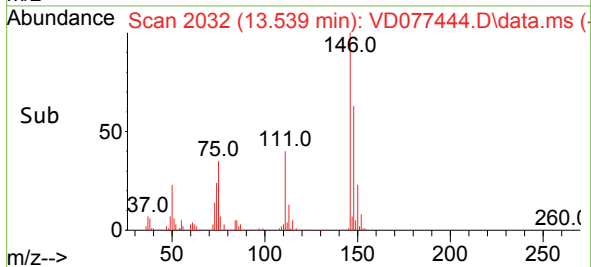
Tgt Ion:146 Resp: 420701
Ion Ratio Lower Upper
146 100
111 42.3 17.9 53.8
148 62.6 32.3 96.8

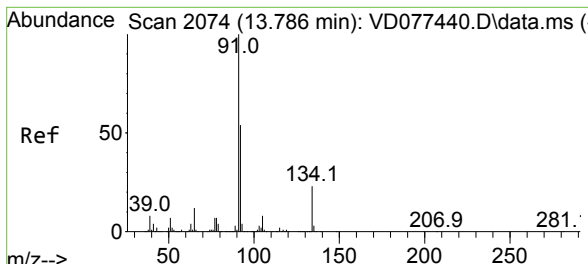


#88
1,4-Dichlorobenzene
Concen: 49.591 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05



Tgt Ion:146 Resp: 416889
Ion Ratio Lower Upper
146 100
111 41.1 17.4 52.3
148 64.3 31.7 95.1

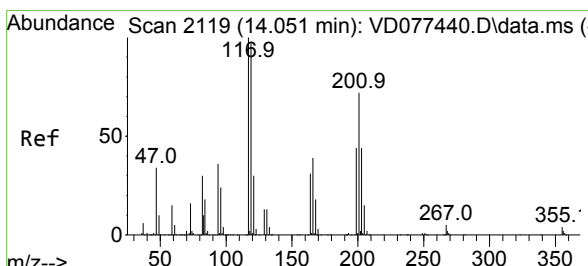
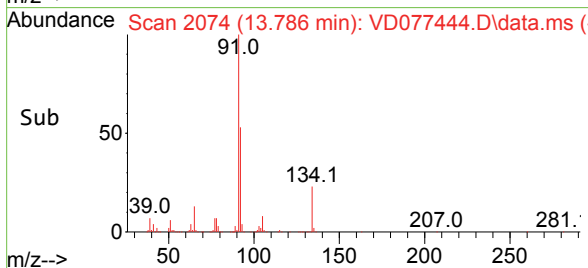
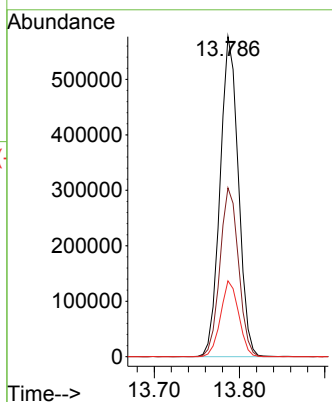
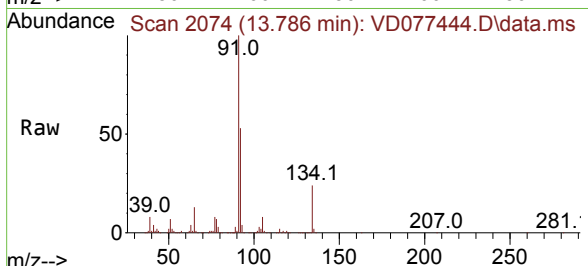




#89
 n-Butylbenzene
 Concen: 48.560 ug/l
 RT: 13.786 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

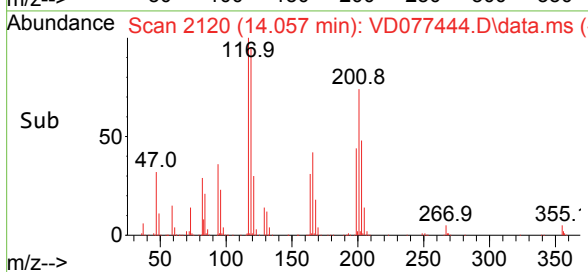
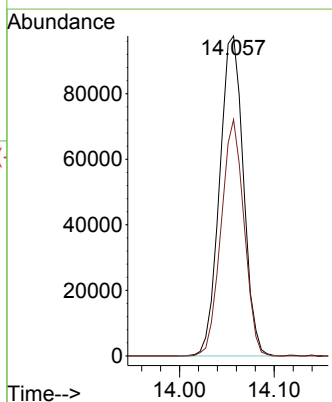
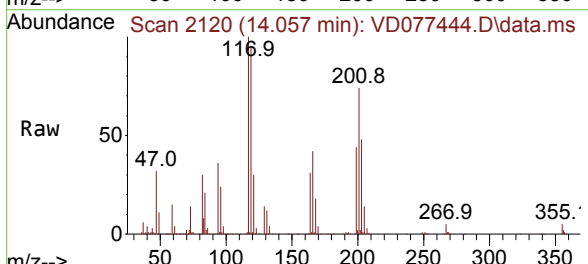
Instrument :
 MSVOA_D
 ClientSampleId :

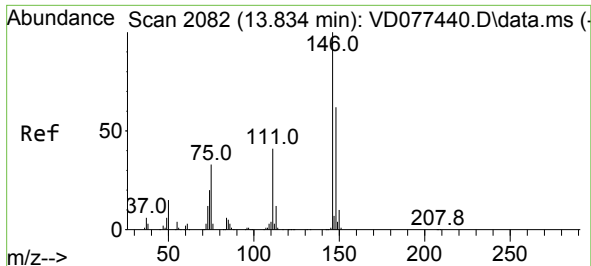
Tgt Ion:	91	Resp:	861152
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.5	79.5
134	23.4	13.8	41.3



#90
 Hexachloroethane
 Concen: 48.784 ug/l
 RT: 14.057 min Scan# 2120
 Delta R.T. 0.006 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

Tgt Ion:	117	Resp:	170325
Ion	Ratio	Lower	Upper
117	100		
201	71.2	38.5	115.5

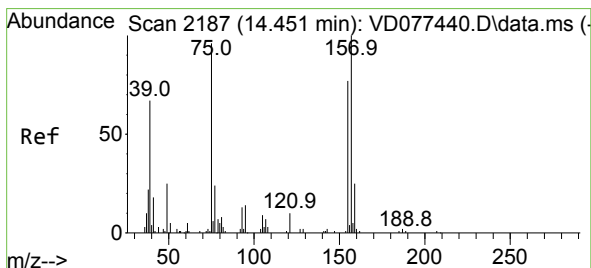
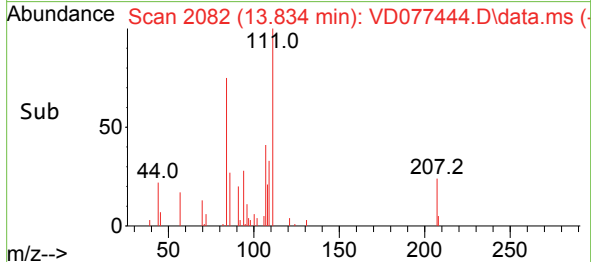
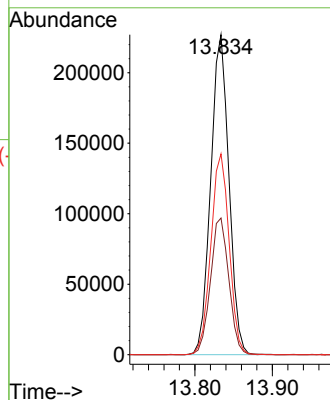
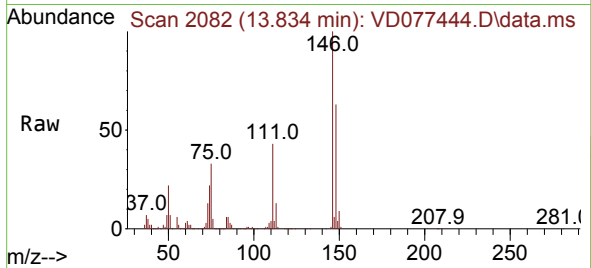




#91
1,2-Dichlorobenzene
Concen: 50.079 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

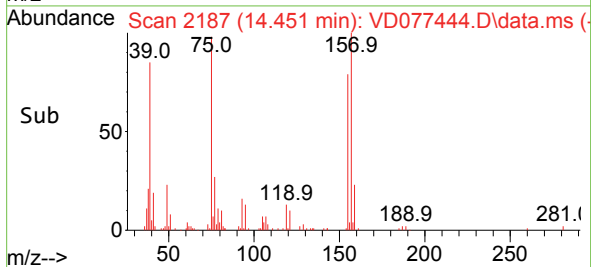
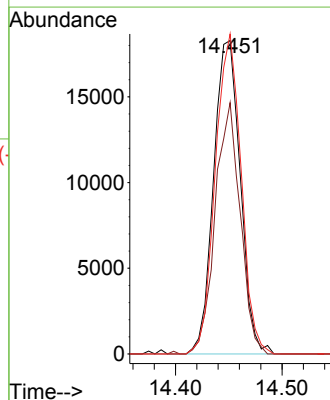
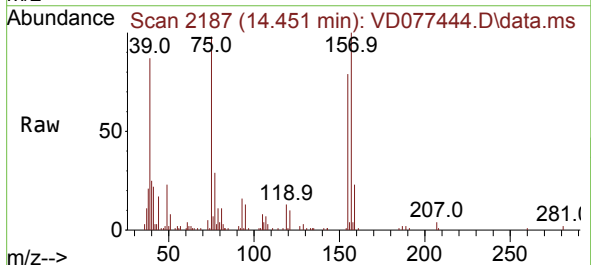
Instrument :
MSVOA_D
ClientSampleId :

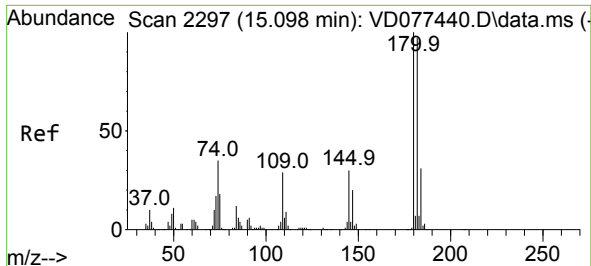
Tgt Ion:146 Resp: 370305
Ion Ratio Lower Upper
146 100
111 43.2 18.3 54.8
148 63.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.450 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

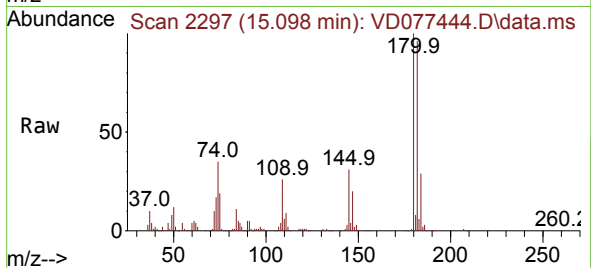
Tgt Ion: 75 Resp: 31756
Ion Ratio Lower Upper
75 100
155 75.3 47.9 143.8
157 98.8 59.9 179.7



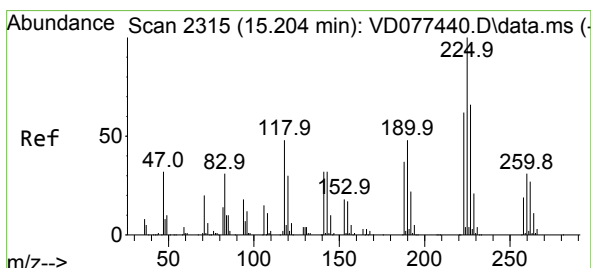
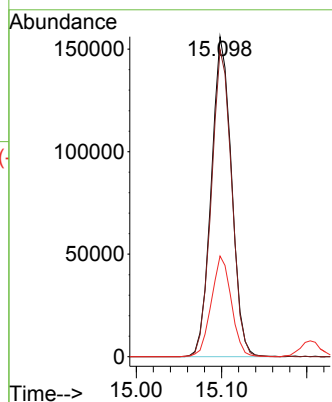
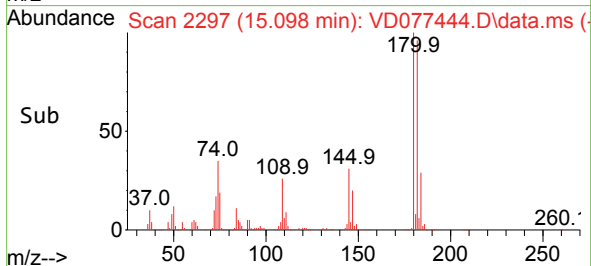


#93
1,2,4-Trichlorobenzene
Concen: 50.687 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

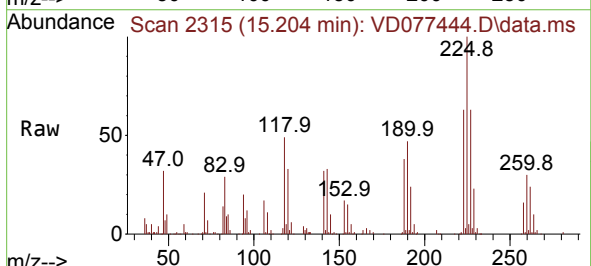
Instrument :
MSVOA_D
ClientSampleId :



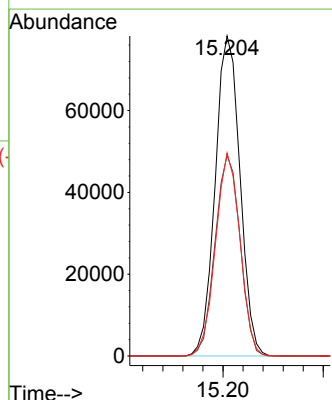
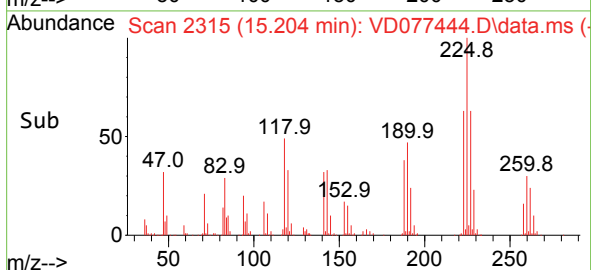
Tgt Ion:180 Resp: 257481
Ion Ratio Lower Upper
180 100
182 96.2 48.5 145.6
145 31.2 14.2 42.6

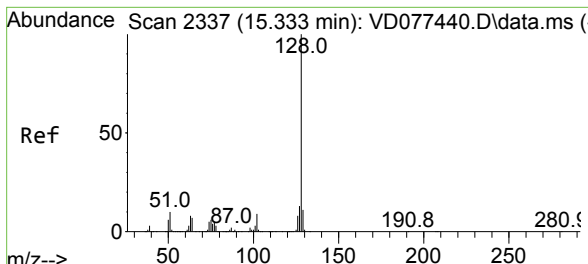


#94
Hexachlorobutadiene
Concen: 49.091 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05



Tgt Ion:225 Resp: 134514
Ion Ratio Lower Upper
225 100
223 63.2 31.6 94.8
227 62.4 31.7 95.1

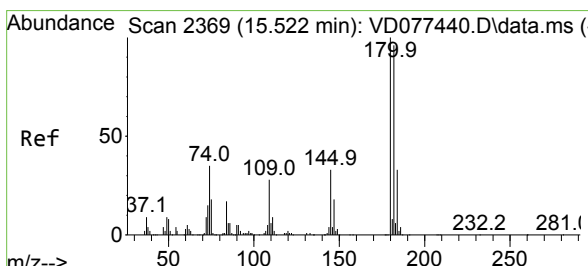
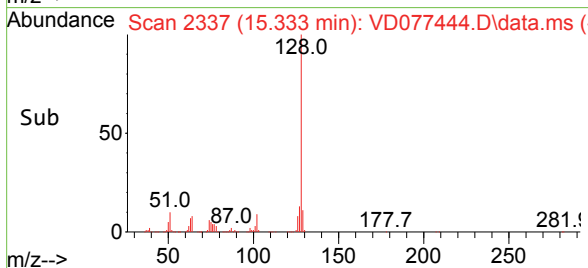
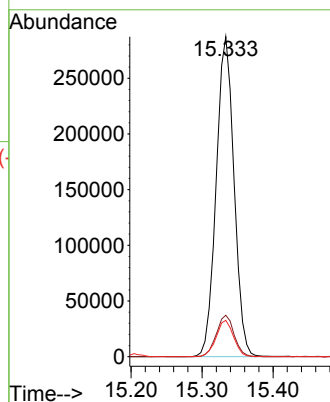
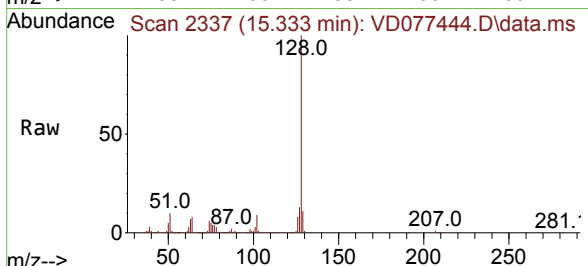




#95
Naphthalene
Concen: 51.572 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	499759
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	11.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.398 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion:	180	Resp:	220987
Ion Ratio	Lower	Upper	
180	100		
182	97.6	47.3	141.9
145	32.6	15.1	45.3

