

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077474.D
 Acq On : 01 Nov 2023 12:02
 Operator : JC/SY
 Sample : VD1101SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 02 00:53:09 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	247086	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	450224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	395432	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	178806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	182063	52.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.220%	
35) Dibromofluoromethane	7.805	113	159057	51.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.220%	
50) Toluene-d8	10.269	98	635977	52.617	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.240%	
62) 4-Bromofluorobenzene	12.575	95	203764	50.053	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	39773	19.963	ug/l	97
3) Chloromethane	2.152	50	62213	19.668	ug/l	98
4) Vinyl Chloride	2.287	62	66226	21.471	ug/l	97
5) Bromomethane	2.693	94	34492	21.340	ug/l	99
6) Chloroethane	2.840	64	44456	21.407	ug/l	98
7) Trichlorofluoromethane	3.175	101	84004	19.448	ug/l	96
8) Diethyl Ether	3.593	74	29787	19.184	ug/l	# 52
9) 1,1,2-Trichlorotrifluo...	3.964	101	51701	19.827	ug/l	94
10) Methyl Iodide	4.170	142	45715	16.156	ug/l	# 89
11) Tert butyl alcohol	5.052	59	26095	94.286	ug/l	96
12) 1,1-Dichloroethene	3.940	96	46195	18.712	ug/l	# 75
13) Acrolein	3.799	56	33891	92.860	ug/l	95
14) Allyl chloride	4.564	41	116190	19.510	ug/l	# 83
15) Acrylonitrile	5.258	53	85057	101.337	ug/l	97
16) Acetone	4.017	43	101018	109.264	ug/l	# 73
17) Carbon Disulfide	4.275	76	98557	15.727	ug/l	100
18) Methyl Acetate	4.558	43	64012	18.981	ug/l	# 78
19) Methyl tert-butyl Ether	5.317	73	150467	19.417	ug/l	94
20) Methylene Chloride	4.805	84	84668	23.058	ug/l	# 61
21) trans-1,2-Dichloroethene	5.311	96	53499	18.608	ug/l	# 77
22) Diisopropyl ether	6.216	45	251961	19.906	ug/l	# 89
23) Vinyl Acetate	6.152	43	628906	115.170	ug/l	# 82
24) 1,1-Dichloroethane	6.105	63	129289	19.685	ug/l	93
25) 2-Butanone	7.081	43	124876	101.263	ug/l	# 71
26) 2,2-Dichloropropane	7.069	77	110305	18.951	ug/l	90
27) cis-1,2-Dichloroethene	7.075	96	68695	19.286	ug/l	71
28) Bromochloromethane	7.428	49	46799	17.161	ug/l	# 55
29) Tetrahydrofuran	7.446	42	75388	103.076	ug/l	# 68
30) Chloroform	7.599	83	121542	19.820	ug/l	91
31) Cyclohexane	7.875	56	98410	18.018	ug/l	# 80
32) 1,1,1-Trichloroethane	7.793	97	100567	19.904	ug/l	94
36) 1,1-Dichloropropene	8.005	75	85987	18.637	ug/l	91
37) Ethyl Acetate	7.163	43	49682	18.764	ug/l	# 91
38) Carbon Tetrachloride	7.993	117	82553	18.988	ug/l	90
39) Methylcyclohexane	9.269	83	92343	17.542	ug/l	# 81
40) Benzene	8.252	78	248797	18.911	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	30675	18.106	ug/l #	75
42) 1,2-Dichloroethane	8.328	62	76765	18.423	ug/l	91
43) Isopropyl Acetate	8.358	43	107553	19.684	ug/l #	79
44) Trichloroethene	9.028	130	57387	17.808	ug/l	83
45) 1,2-Dichloropropane	9.305	63	74956	19.352	ug/l	99
46) Dibromomethane	9.393	93	33953	18.216	ug/l	88
47) Bromodichloromethane	9.587	83	94654	19.212	ug/l	98
48) Methyl methacrylate	9.381	41	45108	17.295	ug/l #	66
49) 1,4-Dioxane	9.387	88	7791	388.988	ug/l #	63
51) 4-Methyl-2-Pentanone	10.157	43	262961	97.775	ug/l #	81
52) Toluene	10.334	92	150404	18.753	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	98425	18.867	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	113580	18.919	ug/l #	73
55) 1,1,2-Trichloroethane	10.734	97	47095	18.938	ug/l	94
56) Ethyl methacrylate	10.599	69	69595	18.822	ug/l #	59
57) 1,3-Dichloropropane	10.881	76	88209	18.977	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	161335	87.157	ug/l #	83
59) 2-Hexanone	10.922	43	200441	101.170	ug/l	77
60) Dibromochloromethane	11.075	129	56418	18.867	ug/l	96
61) 1,2-Dibromoethane	11.181	107	44424	18.863	ug/l	98
64) Tetrachloroethene	10.810	164	45472	18.062	ug/l	93
65) Chlorobenzene	11.610	112	158520	19.135	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	59378	18.967	ug/l	96
67) Ethyl Benzene	11.687	91	308330	19.343	ug/l	91
68) m/p-Xylenes	11.793	106	219007	38.048	ug/l	78
69) o-Xylene	12.122	106	107125	19.430	ug/l	80
70) Styrene	12.134	104	182151	19.151	ug/l #	90
71) Bromoform	12.304	173	31771	18.306	ug/l #	100
73) Isopropylbenzene	12.422	105	288067	19.760	ug/l	94
74) N-amyl acetate	12.234	43	100116	19.389	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	58982	20.640	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	76807	35.294	ug/l #	100
77) Bromobenzene	12.704	156	60743	18.930	ug/l	70
78) n-propylbenzene	12.763	91	365603	19.751	ug/l	92
79) 2-Chlorotoluene	12.851	91	201705	19.245	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	237822	19.442	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	21911	19.448	ug/l	86
82) 4-Chlorotoluene	12.951	91	207777	19.032	ug/l	90
83) tert-Butylbenzene	13.169	119	201932	19.635	ug/l	89
84) 1,2,4-Trimethylbenzene	13.216	105	235101	19.348	ug/l	92
85) sec-Butylbenzene	13.346	105	313195	19.903	ug/l	93
86) p-Isopropyltoluene	13.463	119	253556	19.824	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	119677	18.974	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	121550	19.288	ug/l	95
89) n-Butylbenzene	13.787	91	264153	19.870	ug/l	96
90) Hexachloroethane	14.051	117	49994	19.101	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	107096	19.320	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9038	18.774	ug/l	77
93) 1,2,4-Trichlorobenzene	15.104	180	70601	18.540	ug/l	97
94) Hexachlorobutadiene	15.204	225	38394	18.691	ug/l	99
95) Naphthalene	15.334	128	136455	18.784	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	59906	18.225	ug/l	97

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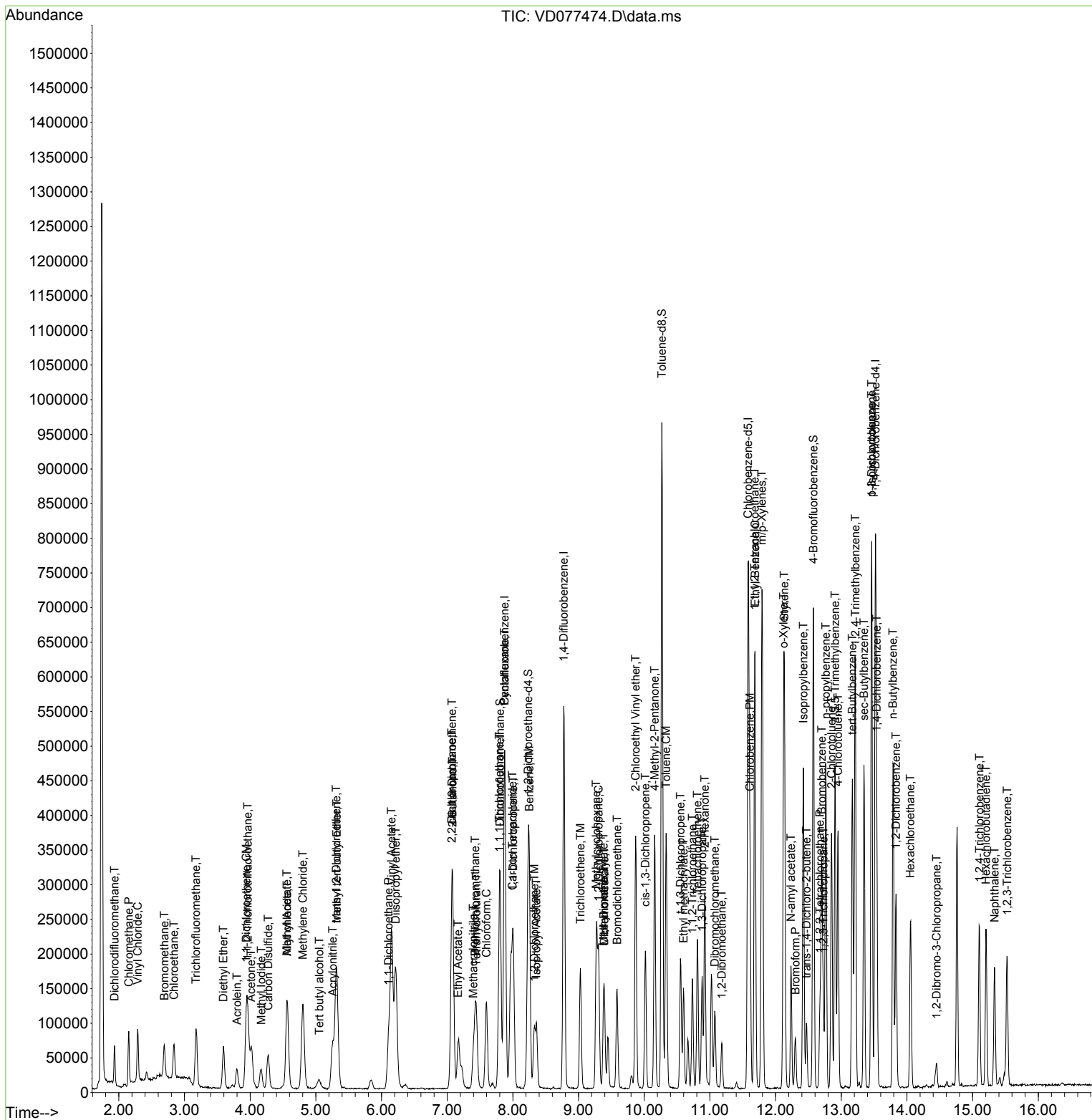
Instrument :
MSVOA_D
ClientSampleId :

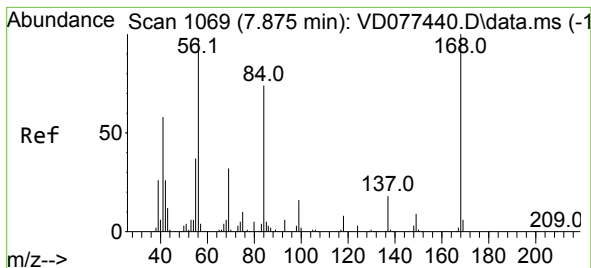
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077474.D

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Instrument :

MSVOA_D

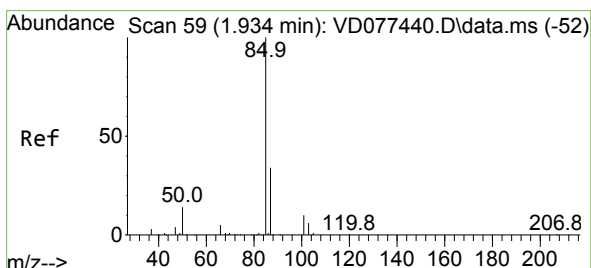
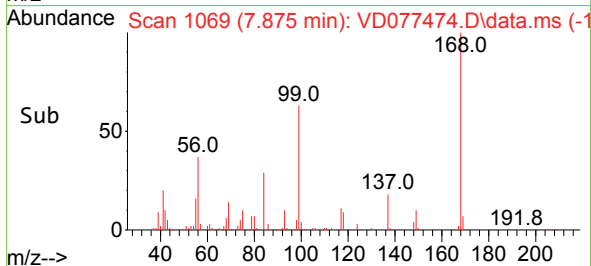
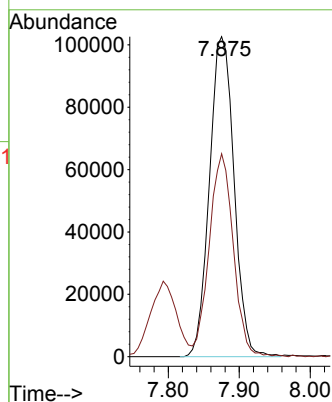
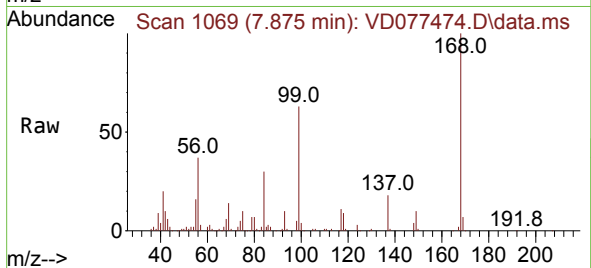
ClientSampleId :

Tgt Ion:168 Resp: 247086

Ion Ratio Lower Upper

168 100

99 63.0 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 19.963 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077474.D

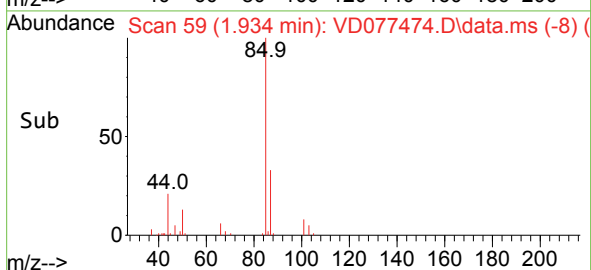
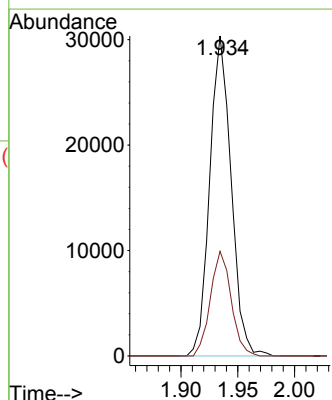
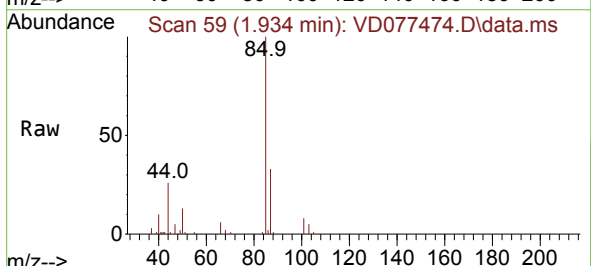
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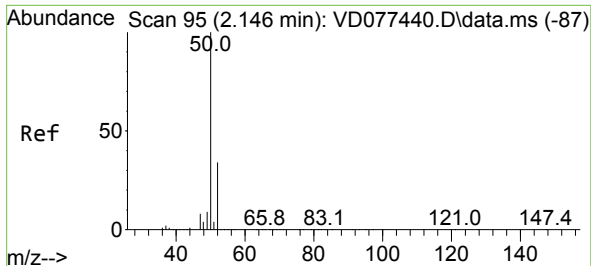
Tgt Ion: 85 Resp: 39773

Ion Ratio Lower Upper

85 100

87 32.7 15.7 47.0

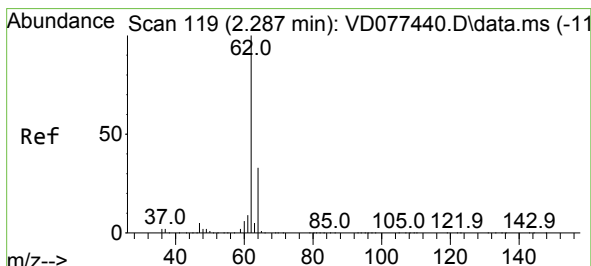
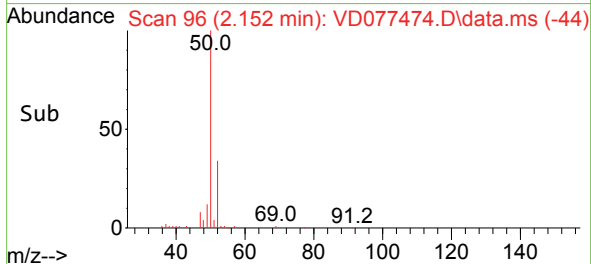
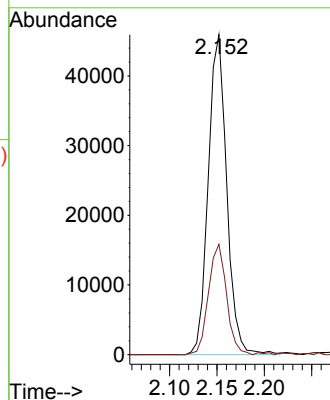
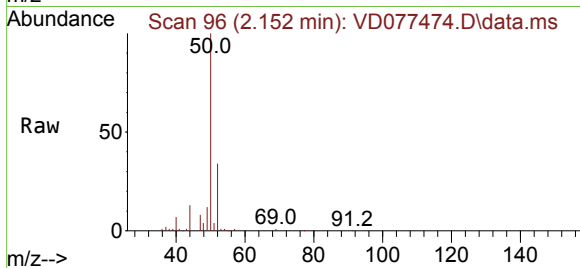




#3
Chloromethane
Concen: 19.668 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

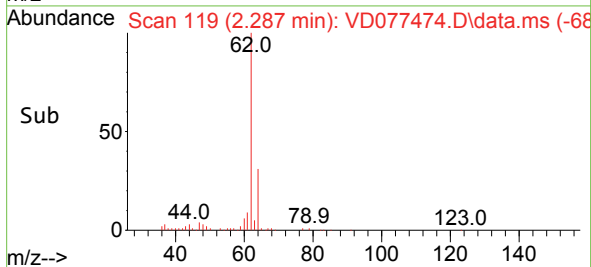
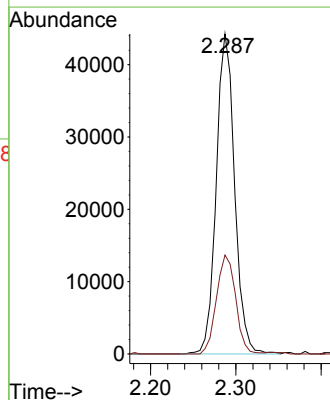
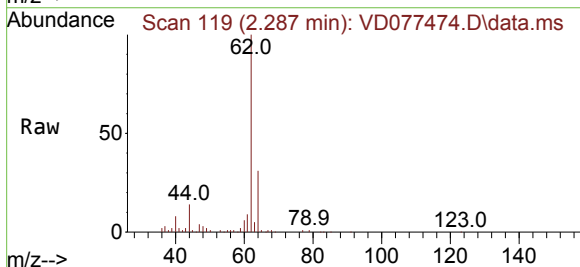
Instrument :
MSVOA_D
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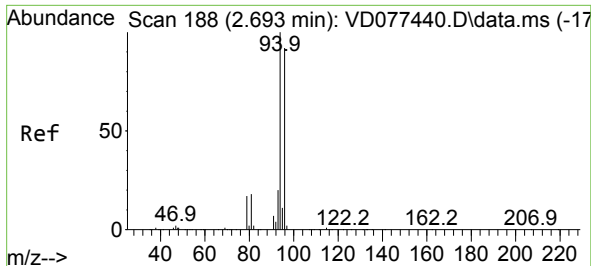
Tgt Ion: 50 Resp: 62213
Ion Ratio Lower Upper
50 100
52 34.5 26.6 40.0



#4
Vinyl Chloride
Concen: 21.471 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion: 62 Resp: 66226
Ion Ratio Lower Upper
62 100
64 30.9 26.0 39.0

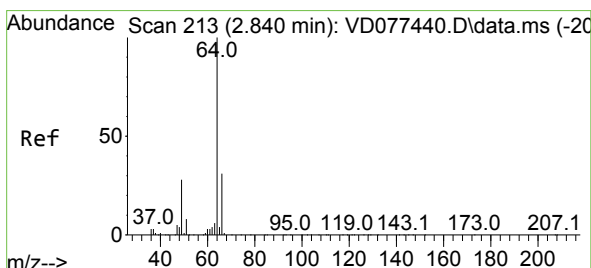
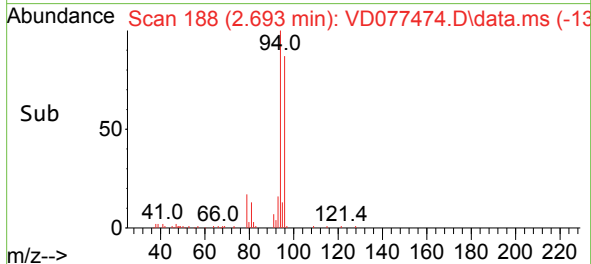
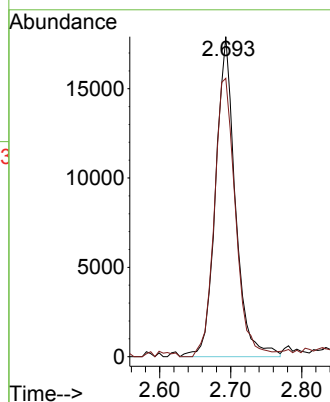
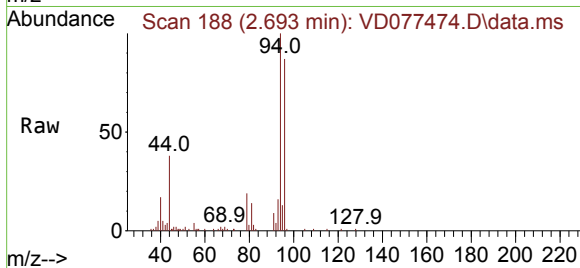




#5
Bromomethane
Concen: 21.340 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

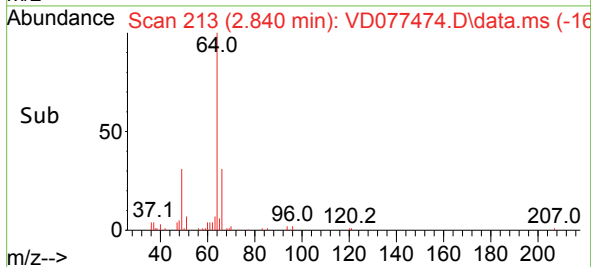
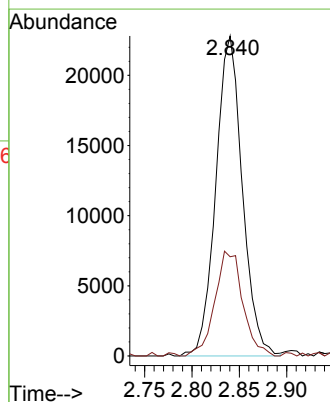
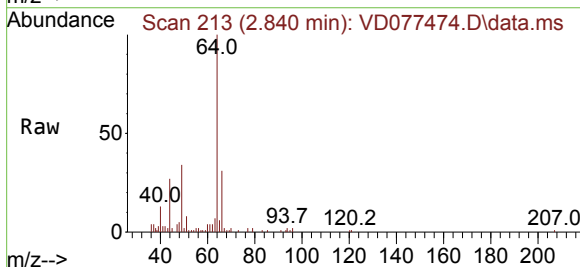
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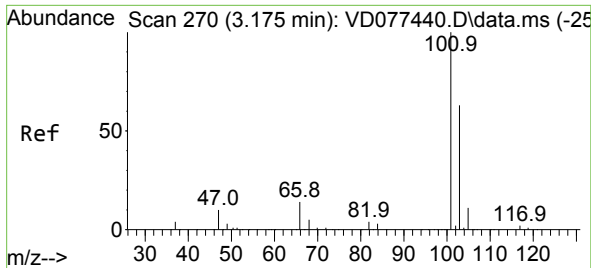
Tgt Ion: 94 Resp: 34492
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 21.407 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion: 64 Resp: 44456
Ion Ratio Lower Upper
64 100
66 31.0 25.5 38.3

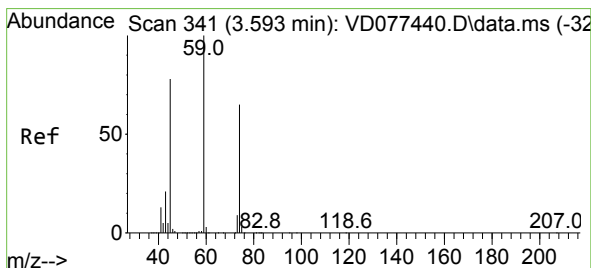
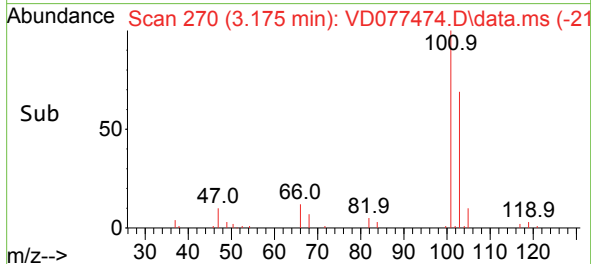
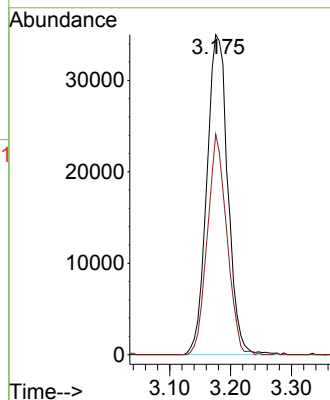
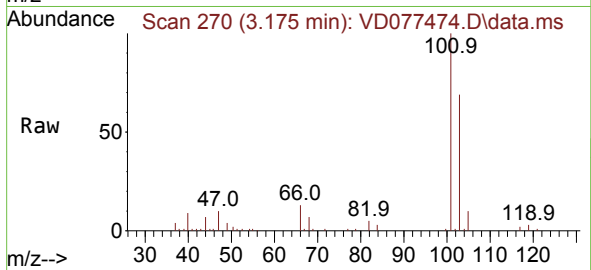




#7
 Trichlorofluoromethane
 Concen: 19.448 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077474.D
 Acq: 01 Nov 2023 12:02

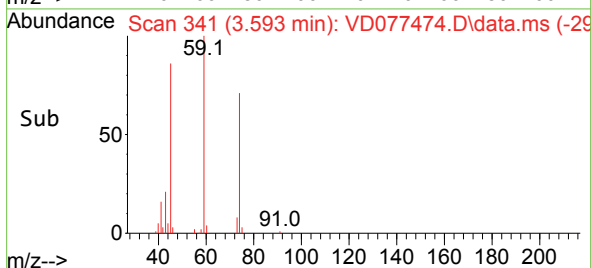
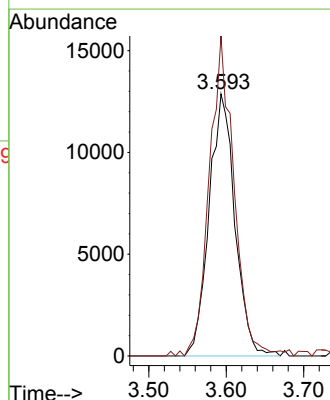
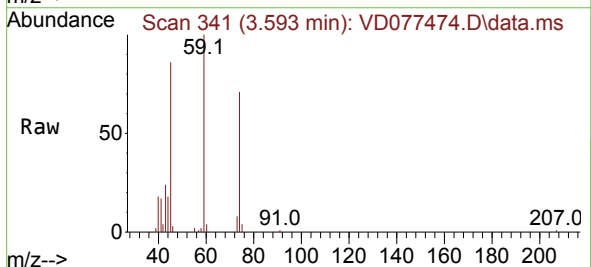
Instrument :
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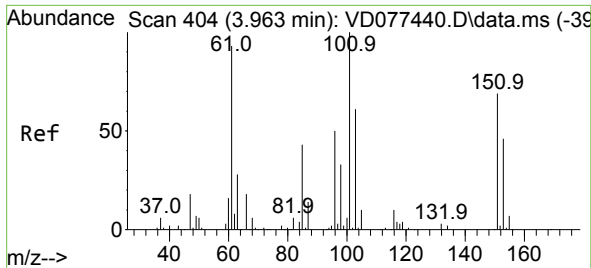
Tgt Ion:101 Resp: 84004
 Ion Ratio Lower Upper
 101 100
 103 68.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.184 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077474.D
 Acq: 01 Nov 2023 12:02

Tgt Ion: 74 Resp: 29787
 Ion Ratio Lower Upper
 74 100
 45 116.1 37.5 112.7#

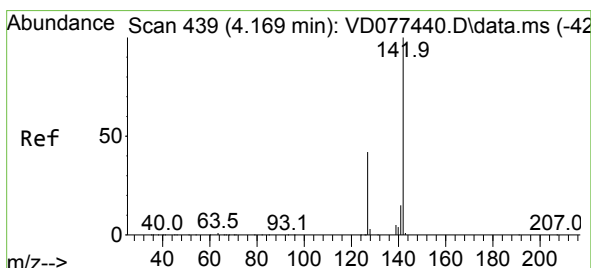
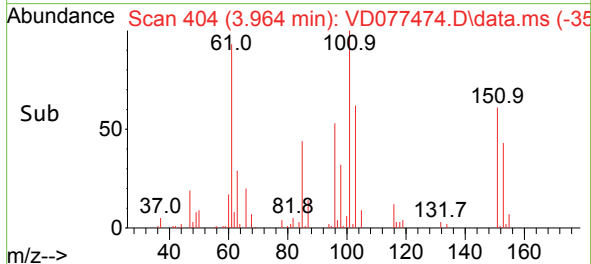
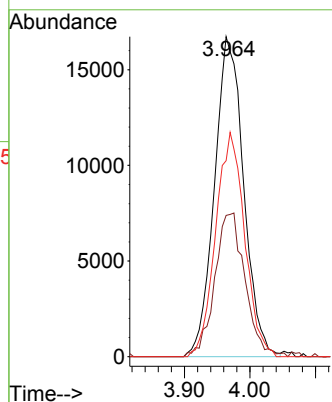
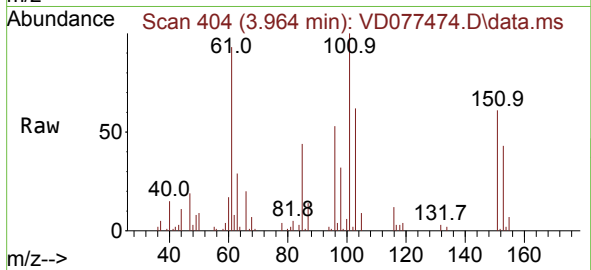




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.827 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
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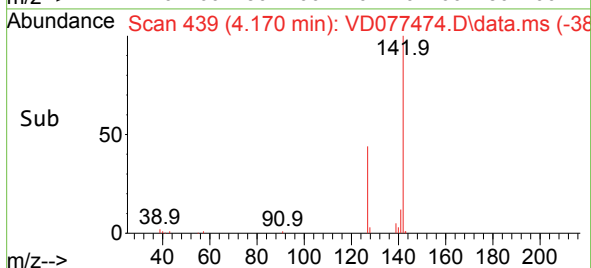
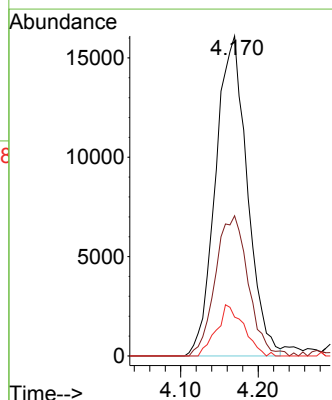
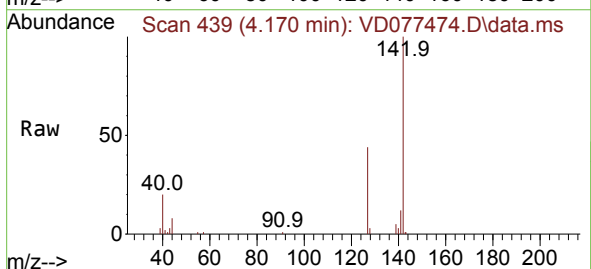
Instrument :
MSVOA_D
ClientSampleId :

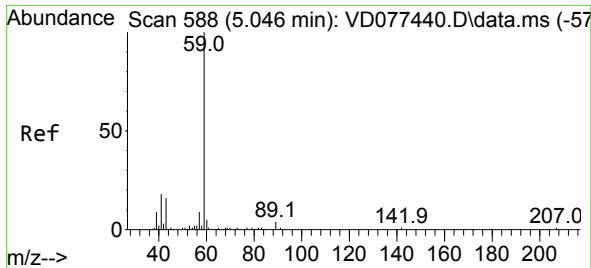
Tgt Ion:101 Resp: 51701
Ion Ratio Lower Upper
101 100
85 46.5 33.8 50.6
151 69.6 59.8 89.6



#10
Methyl Iodide
Concen: 16.156 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.001 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion:142 Resp: 45715
Ion Ratio Lower Upper
142 100
127 45.5 29.4 44.0#
141 13.8 11.1 16.7

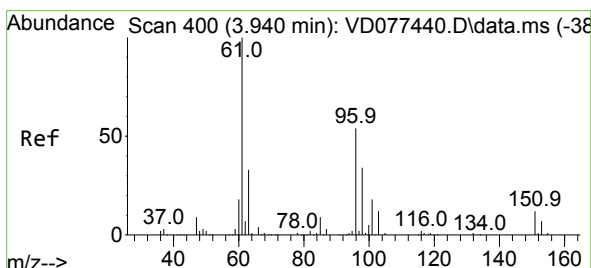
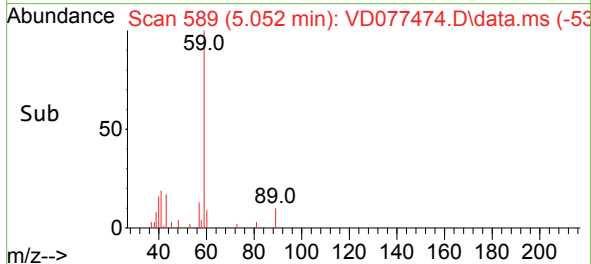
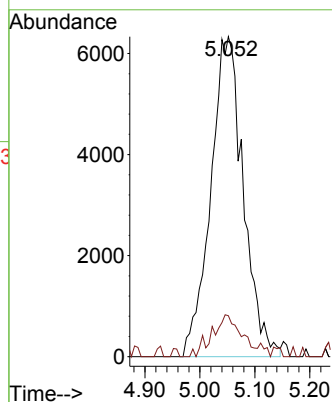
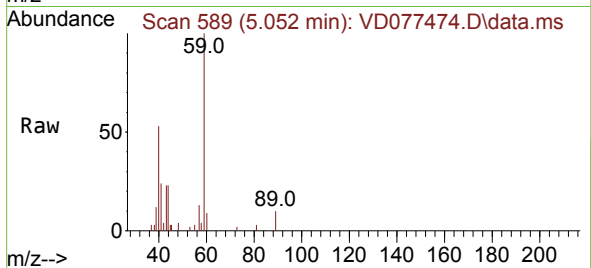




#11
Tert butyl alcohol
Concen: 94.286 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

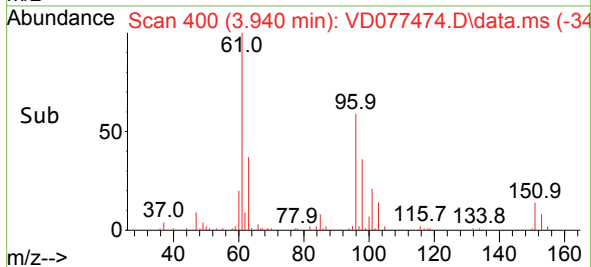
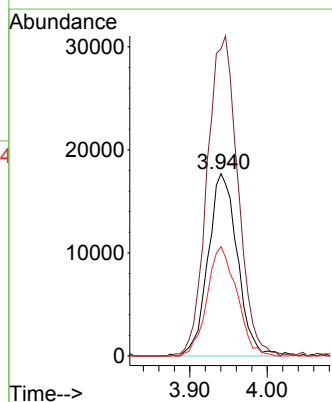
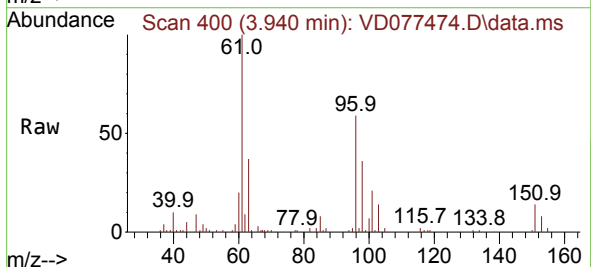
Instrument :
MSVOA_D
ClientSampleId :

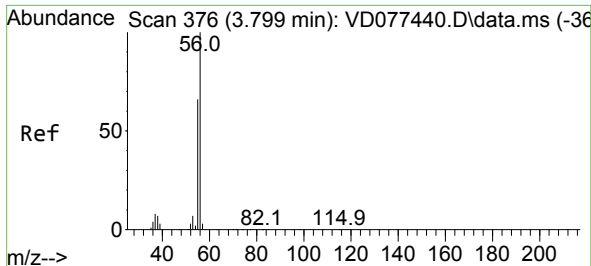
Tgt Ion: 59 Resp: 26095
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 18.712 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion: 96 Resp: 46195
Ion Ratio Lower Upper
96 100
61 167.3 100.6 150.8#
98 60.0 50.2 75.2





#13

Acrolein

Concen: 92.860 ug/l

RT: 3.799 min Scan# 376

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

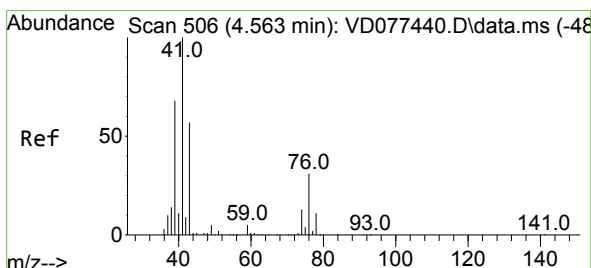
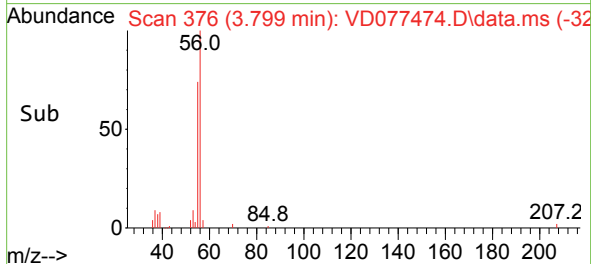
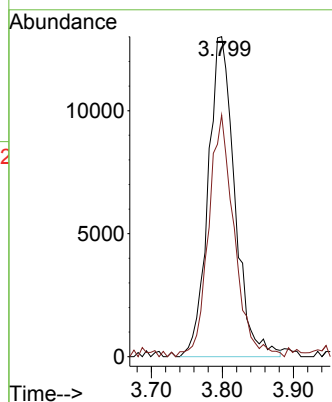
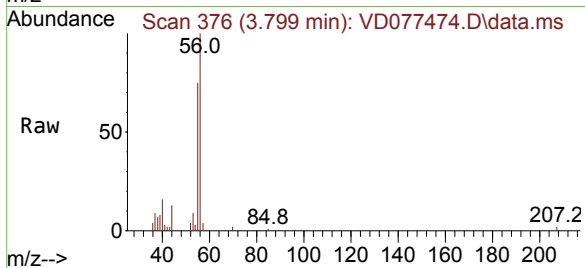
ClientSampleId :

Tgt Ion: 56 Resp: 33891

Ion Ratio Lower Upper

56 100

55 72.6 55.1 82.7



#14

Allyl chloride

Concen: 19.510 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

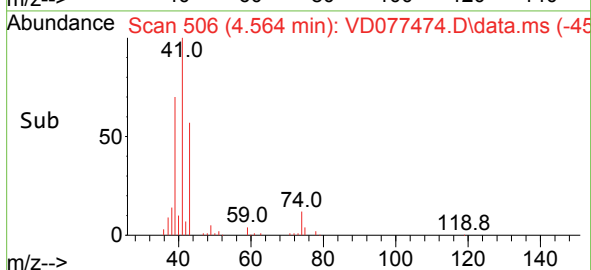
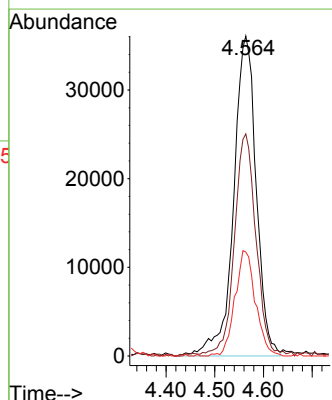
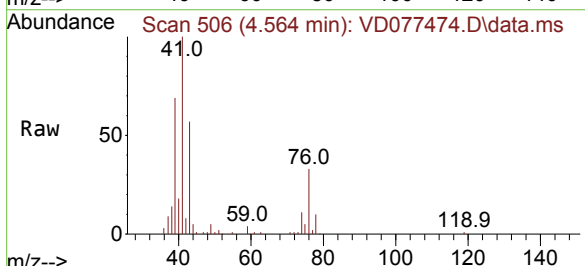
Tgt Ion: 41 Resp: 116190

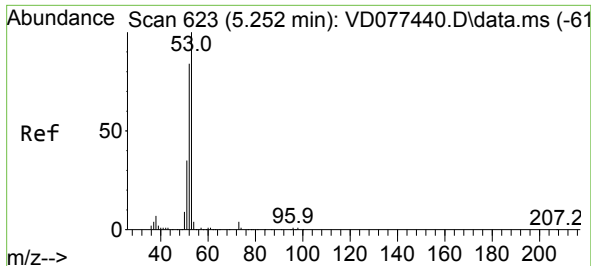
Ion Ratio Lower Upper

41 100

39 66.7 53.8 80.6

76 29.9 45.8 68.8#





#15

Acrylonitrile

Concen: 101.337 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.006 min

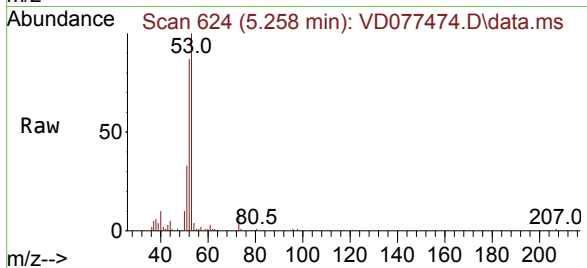
Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :



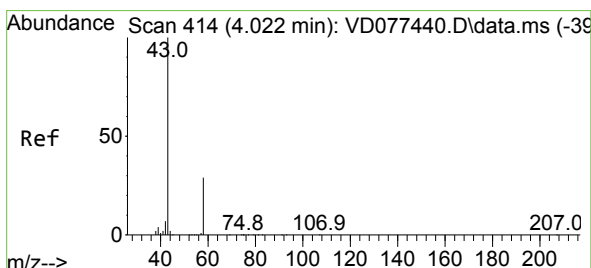
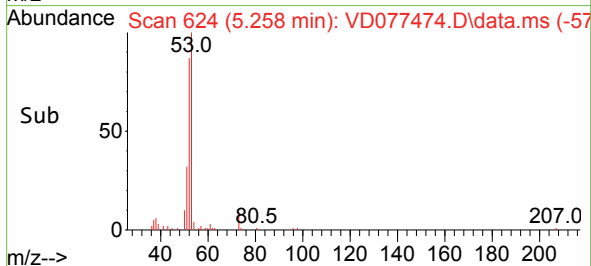
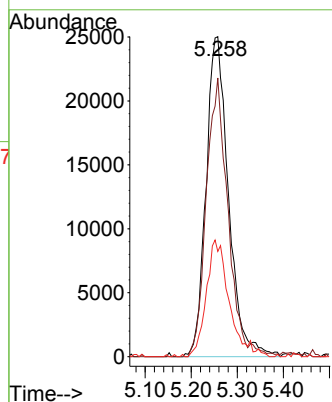
Tgt Ion: 53 Resp: 85057

Ion Ratio Lower Upper

53 100

52 83.9 65.0 97.4

51 36.4 28.3 42.5



#16

Acetone

Concen: 109.264 ug/l

RT: 4.017 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD077474.D

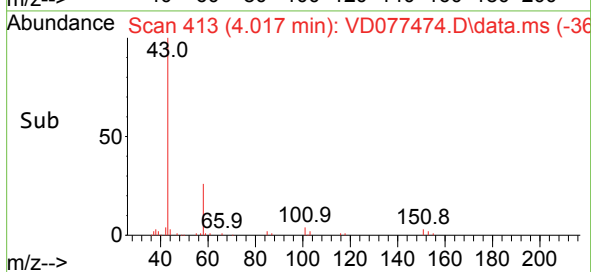
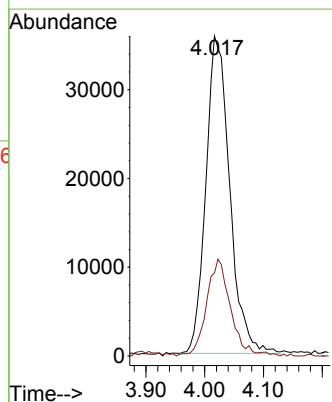
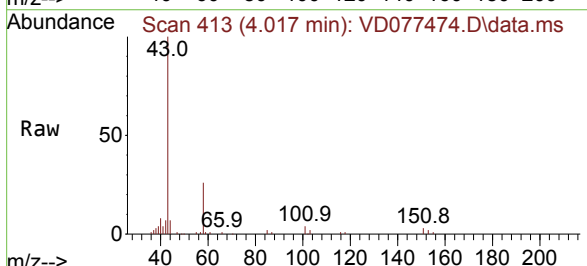
Acq: 01 Nov 2023 12:02

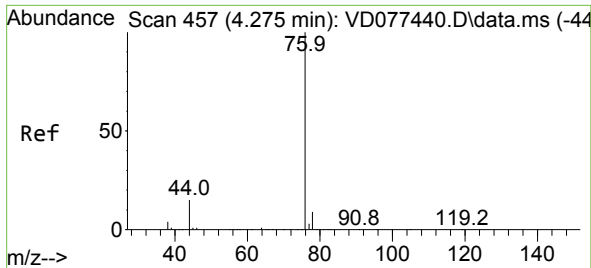
Tgt Ion: 43 Resp: 101018

Ion Ratio Lower Upper

43 100

58 26.1 34.7 52.1#

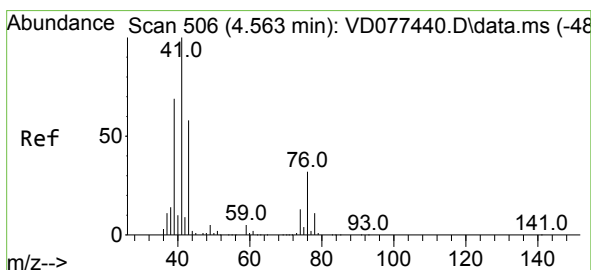
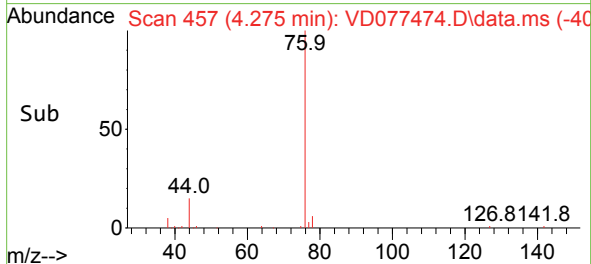
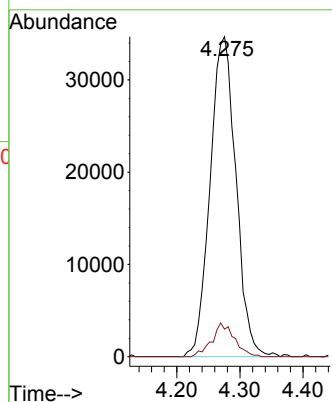
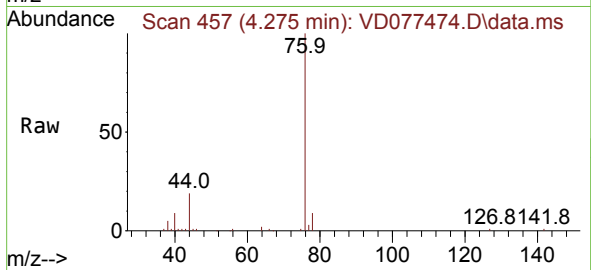




#17
Carbon Disulfide
Concen: 15.727 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

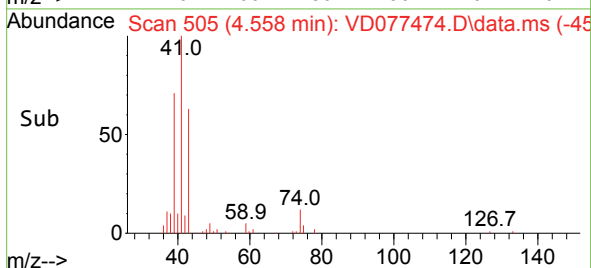
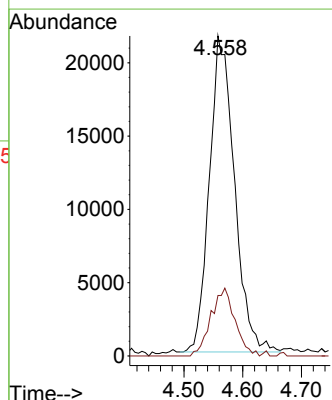
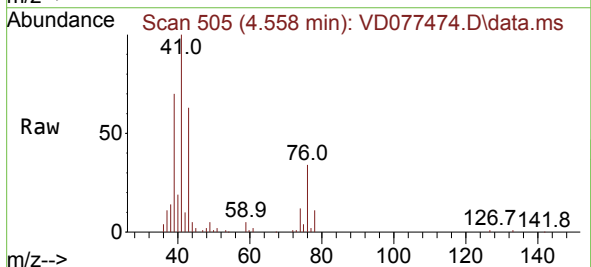
Instrument :
MSVOA_D
ClientSampleId :

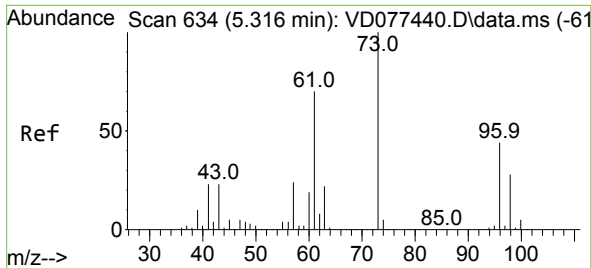
Tgt Ion: 76 Resp: 98557
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 18.981 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion: 43 Resp: 64012
Ion Ratio Lower Upper
43 100
74 20.5 26.4 39.6#

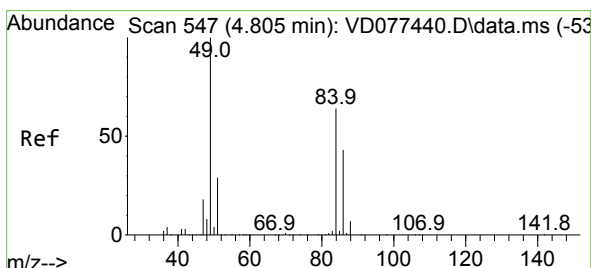
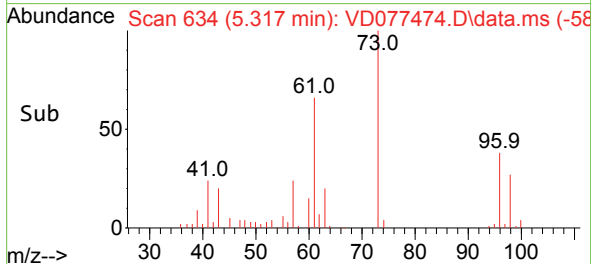
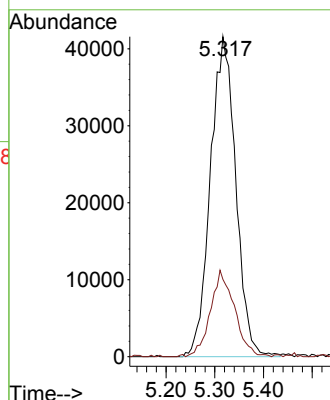
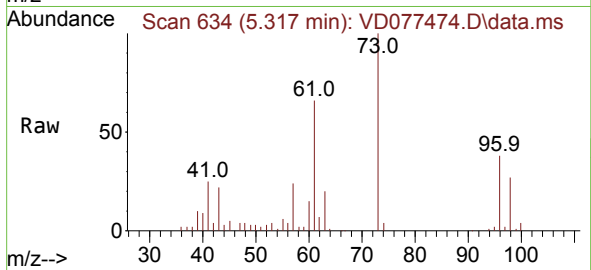




#19
Methyl tert-butyl Ether
Concen: 19.417 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

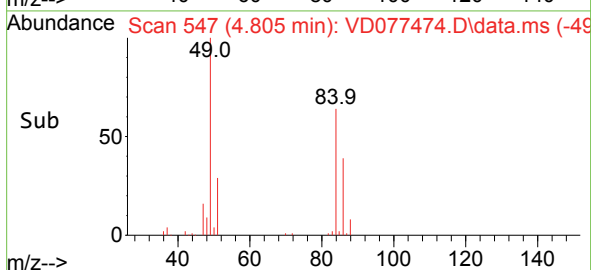
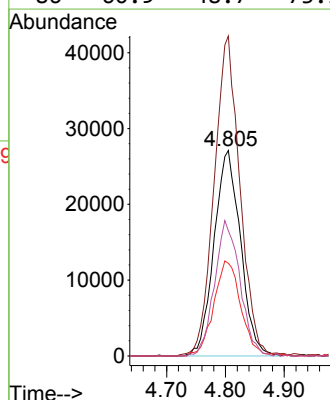
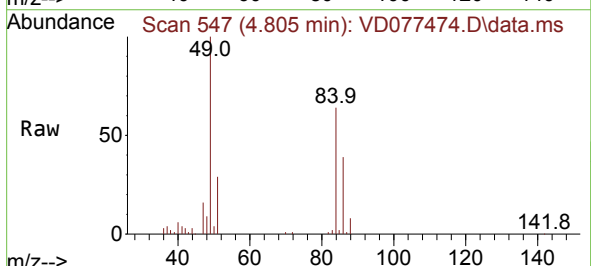
Instrument :
MSVOA_D
ClientSampleId :

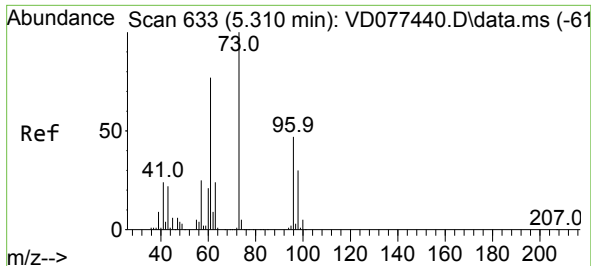
Tgt Ion: 73 Resp: 150467
Ion Ratio Lower Upper
73 100
57 23.7 16.6 25.0



#20
Methylene Chloride
Concen: 23.058 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

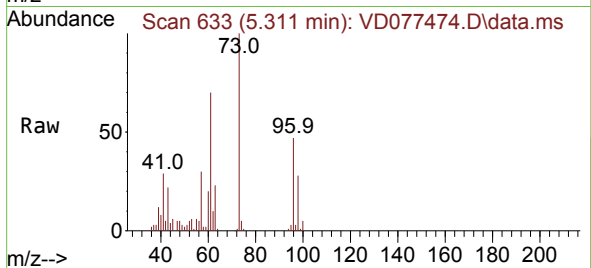
Tgt Ion: 84 Resp: 84668
Ion Ratio Lower Upper
84 100
49 155.1 71.4 107.2#
51 45.1 24.5 36.7#
86 60.9 48.7 73.1



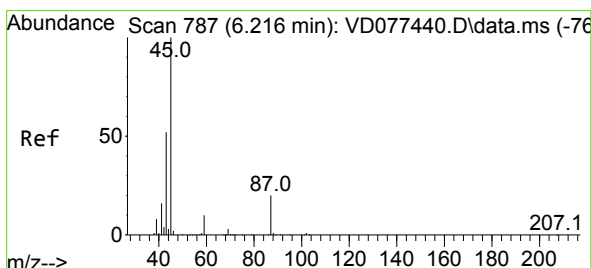
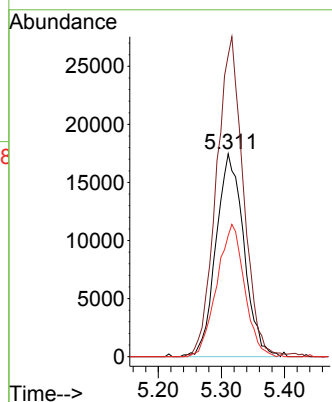
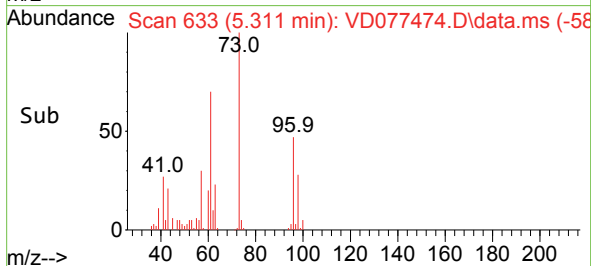


#21
trans-1,2-Dichloroethene
Concen: 18.608 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.001 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :

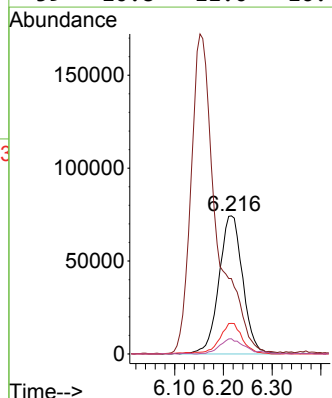
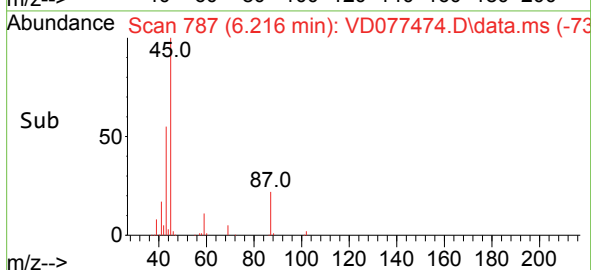
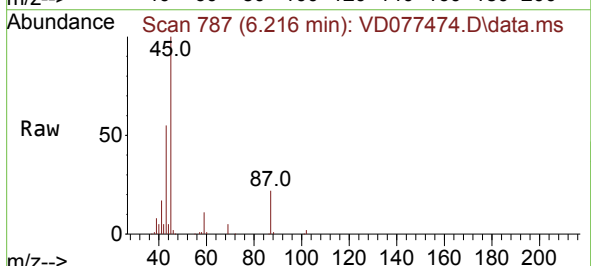


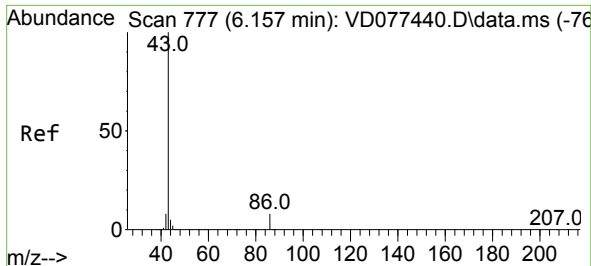
Tgt Ion: 96 Resp: 53499
Ion Ratio Lower Upper
96 100
61 148.4 89.3 133.9#
98 59.7 48.6 73.0



#22
Diisopropyl ether
Concen: 19.906 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

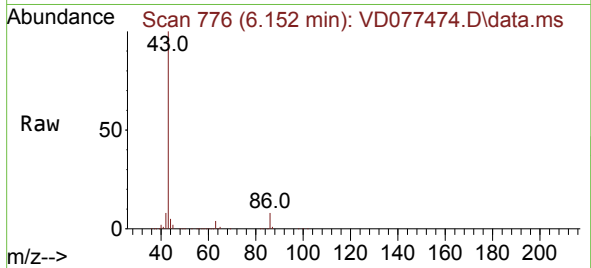
Tgt Ion: 45 Resp: 251961
Ion Ratio Lower Upper
45 100
43 53.2 40.0 60.0
87 22.2 28.2 42.4#
59 10.8 11.0 16.4#



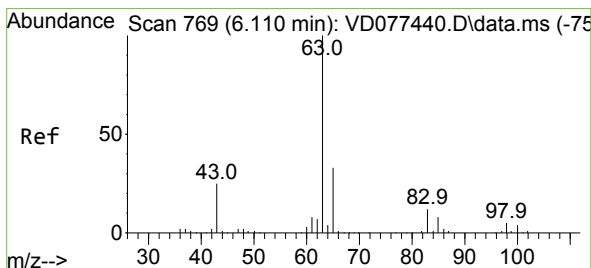
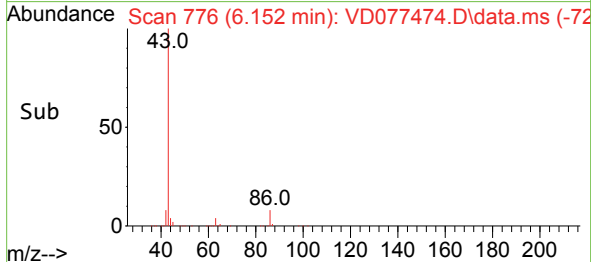
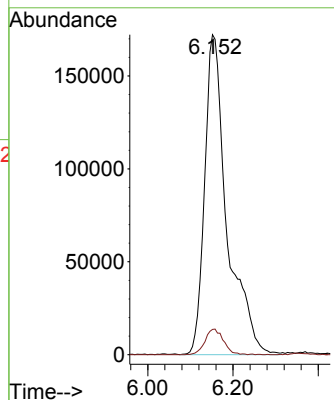


#23
 Vinyl Acetate
 Concen: 115.170 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD077474.D
 Acq: 01 Nov 2023 12:02

Instrument :
 MSVOA_D
 ClientSampleId :

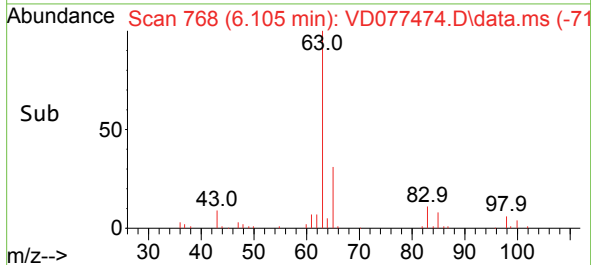
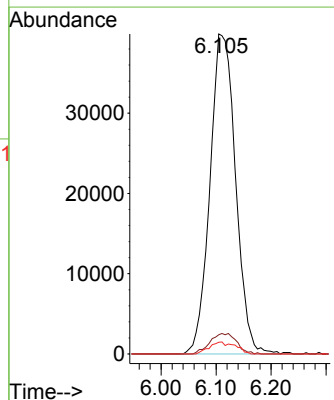
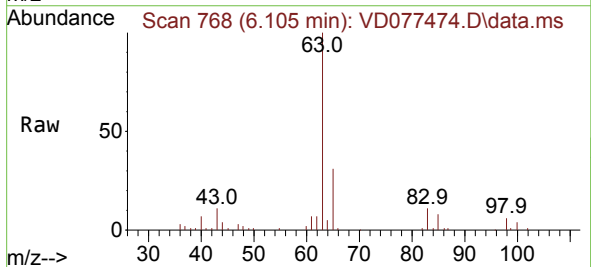


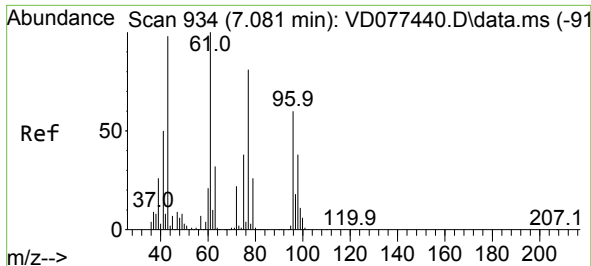
Tgt Ion: 43 Resp: 628906
 Ion Ratio Lower Upper
 43 100
 86 7.9 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.685 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD077474.D
 Acq: 01 Nov 2023 12:02

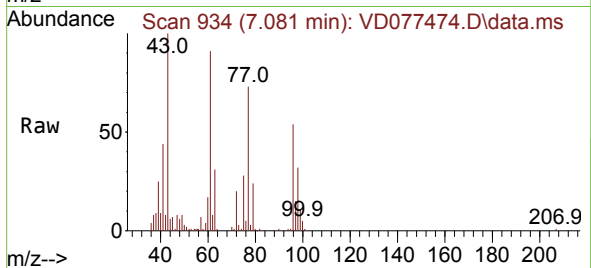
Tgt Ion: 63 Resp: 129289
 Ion Ratio Lower Upper
 63 100
 98 6.0 4.5 13.7
 100 3.7 2.5 7.5



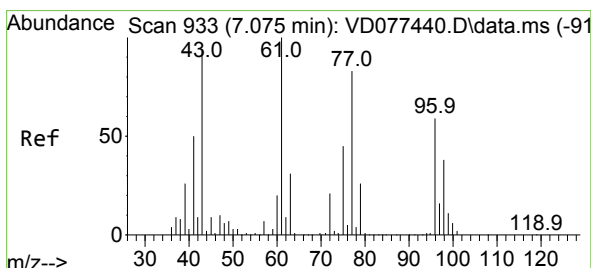
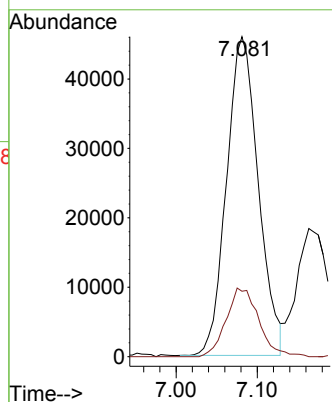
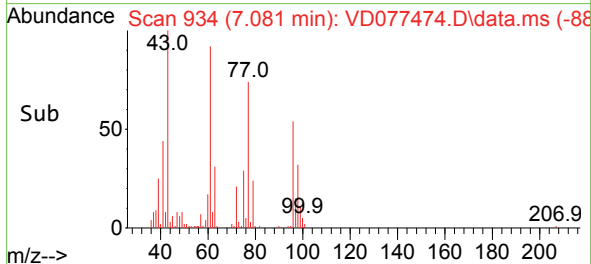


#25
2-Butanone
Concen: 101.263 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :

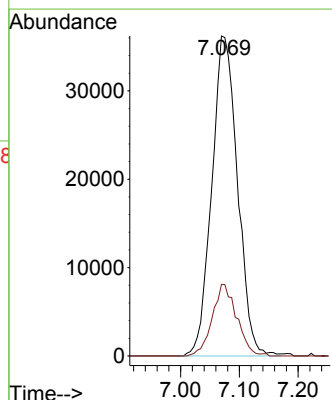
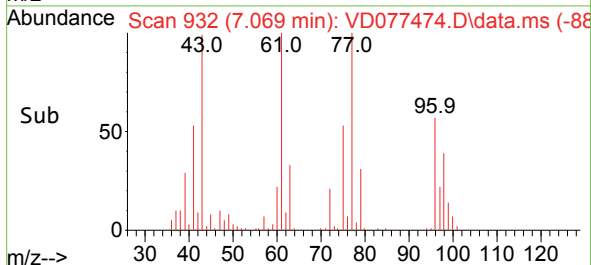
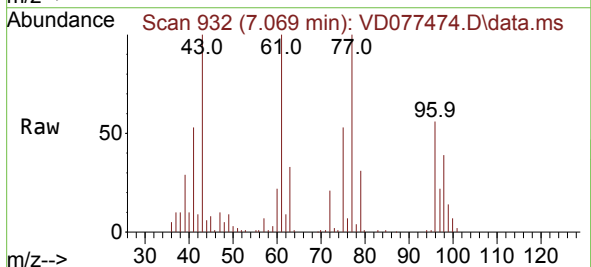


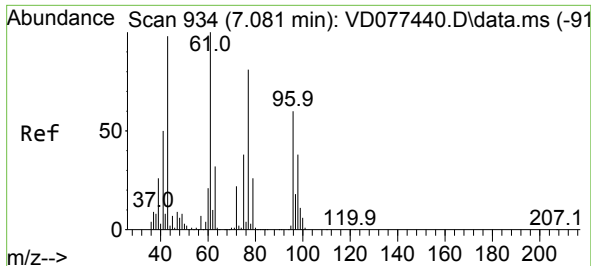
Tgt Ion: 43 Resp: 124876
Ion Ratio Lower Upper
43 100
72 20.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 18.951 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

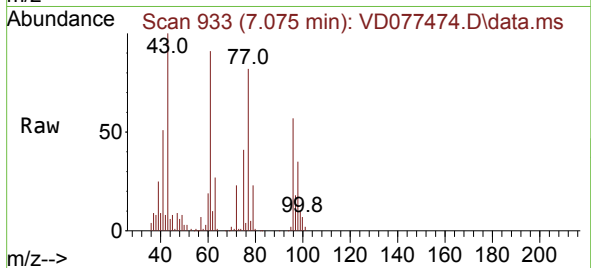
Tgt Ion: 77 Resp: 110305
Ion Ratio Lower Upper
77 100
97 21.3 13.2 39.6



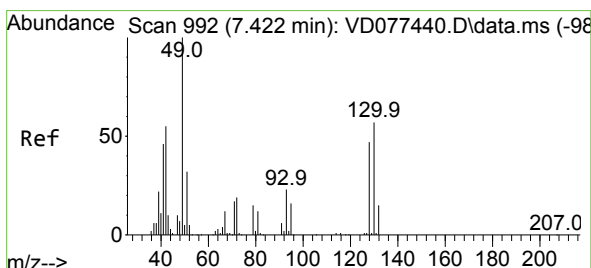
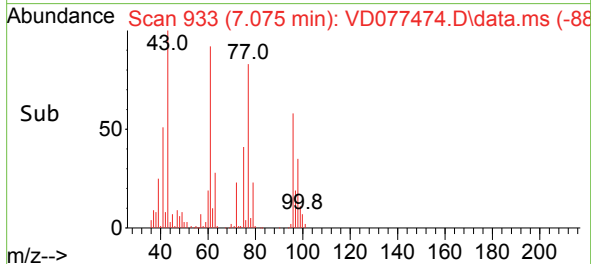
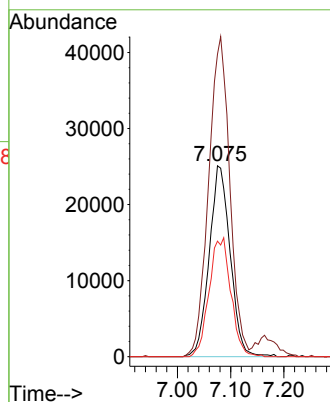


#27
 cis-1,2-Dichloroethene
 Concen: 19.286 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD077474.D
 Acq: 01 Nov 2023 12:02

Instrument :
 MSVOA_D
 ClientSampleId :

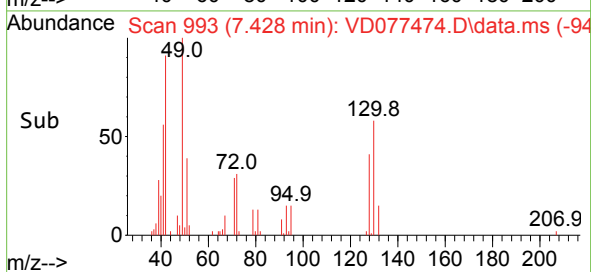
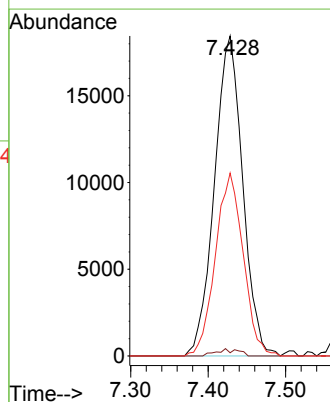
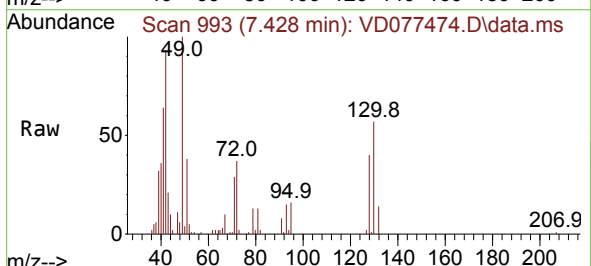


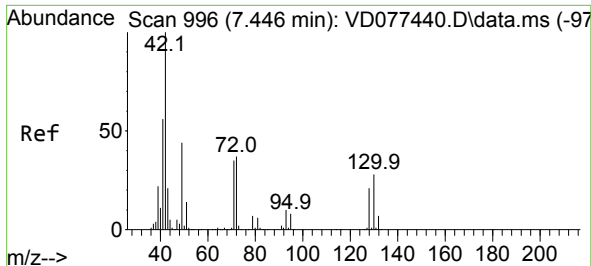
Tgt Ion: 96 Resp: 68695
 Ion Ratio Lower Upper
 96 100
 61 168.8 0.0 239.2
 98 64.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 17.161 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077474.D
 Acq: 01 Nov 2023 12:02

Tgt Ion: 49 Resp: 46799
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 6.0
 130 56.3 83.2 124.8#





#29

Tetrahydrofuran

Concen: 103.076 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077474.D

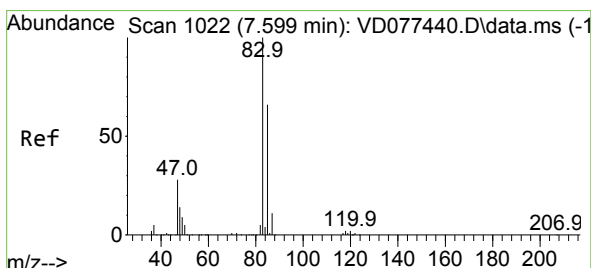
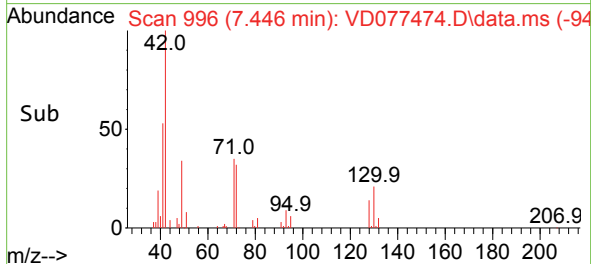
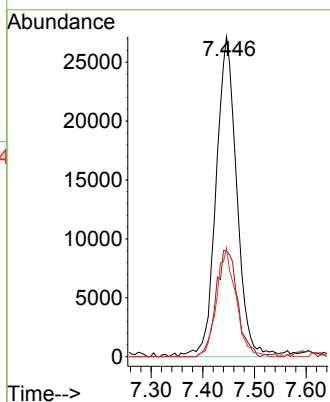
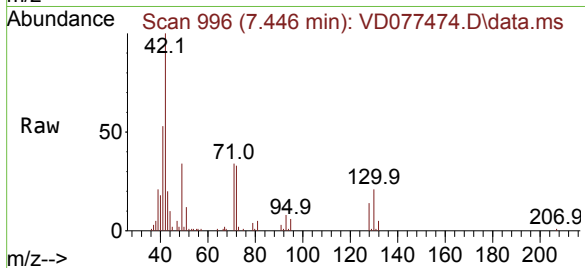
Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	75388
Ion Ratio	Lower	Upper	
42	100		
72	34.6	46.5	69.7#
71	31.9	44.5	66.7#



#30

Chloroform

Concen: 19.820 ug/l

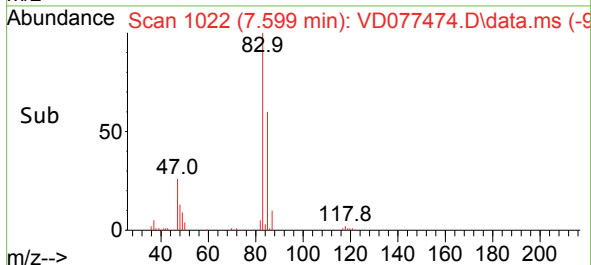
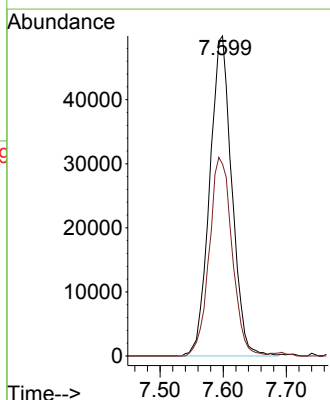
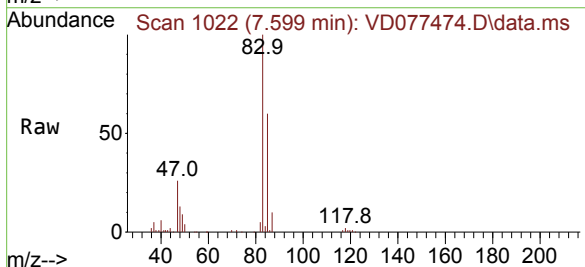
RT: 7.599 min Scan# 1022

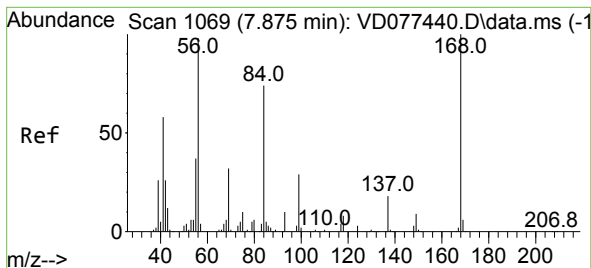
Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Tgt Ion:	83	Resp:	121542
Ion Ratio	Lower	Upper	
83	100		
85	59.9	53.4	80.2





#31

Cyclohexane

Concen: 18.018 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

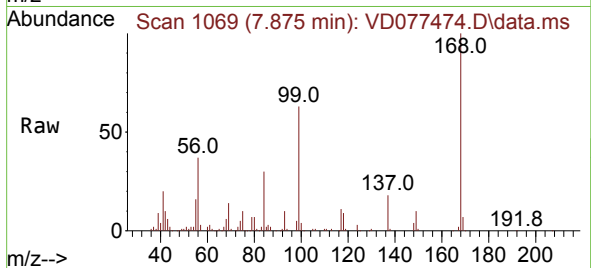
Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

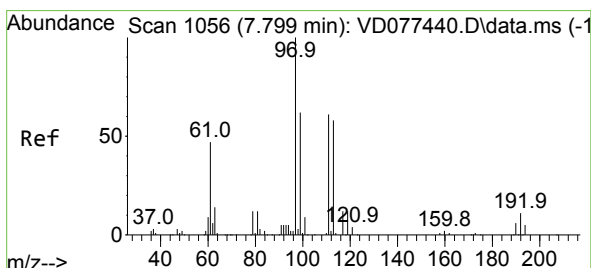
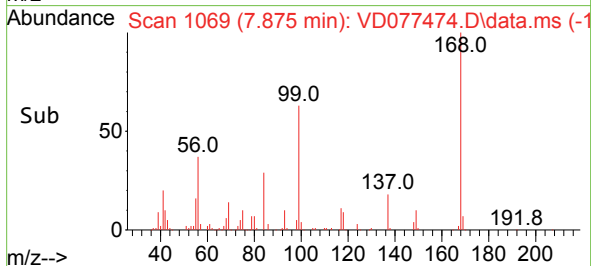
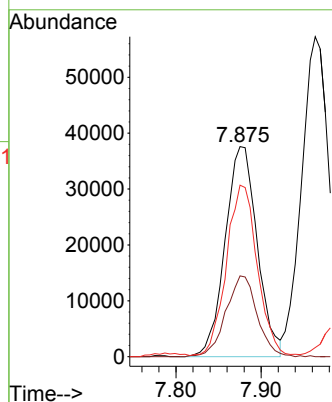
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	98410
Ion Ratio	Lower	Upper	
56	100		
69	38.5	28.6	43.0
84	80.6	84.8	127.2#



#32

1,1,1-Trichloroethane

Concen: 19.904 ug/l

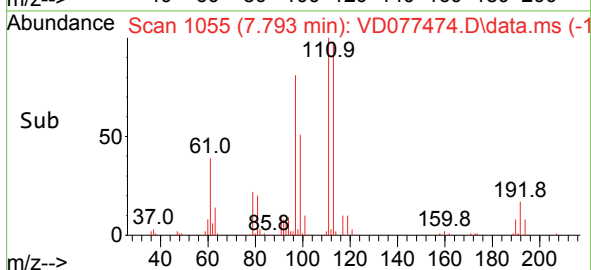
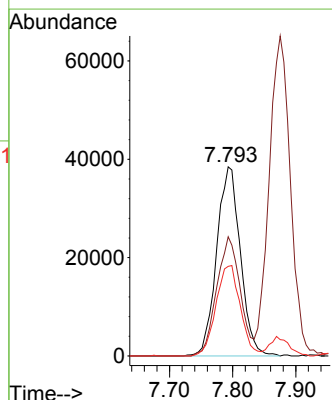
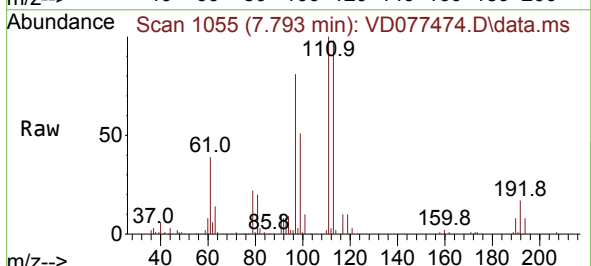
RT: 7.793 min Scan# 1055

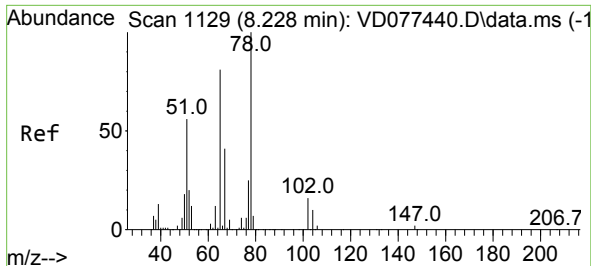
Delta R.T. -0.006 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Tgt Ion:	97	Resp:	100567
Ion Ratio	Lower	Upper	
97	100		
99	62.6	52.0	78.0
61	49.1	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 52.109 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

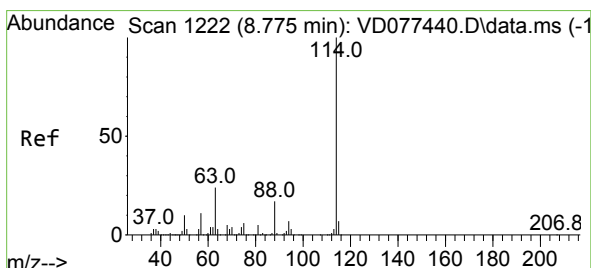
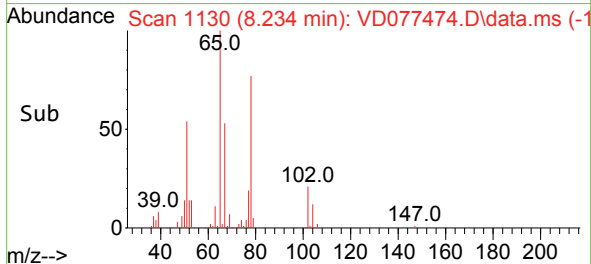
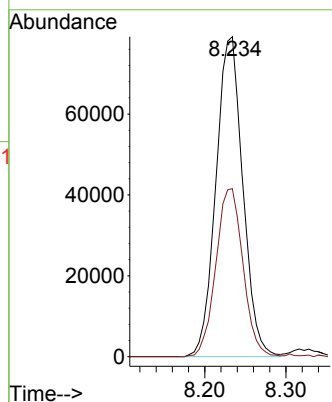
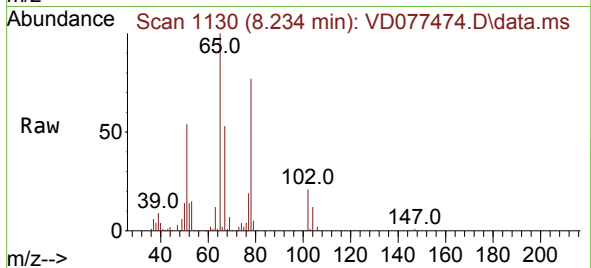
ClientSampleId :

Tgt Ion: 65 Resp: 182063

Ion Ratio Lower Upper

65 100

67 53.0 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: VD077474.D

Acq: 01 Nov 2023 12:02

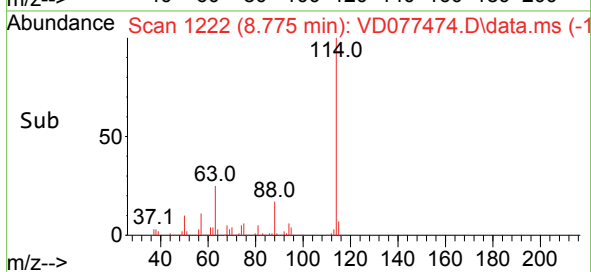
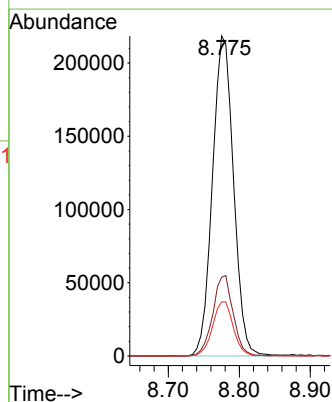
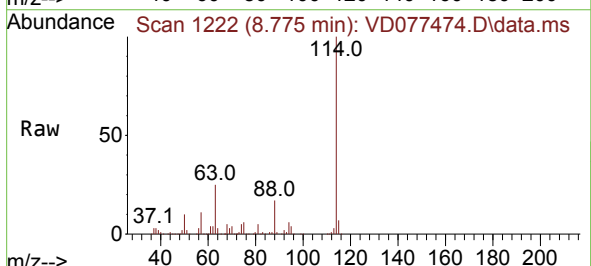
Tgt Ion: 114 Resp: 450224

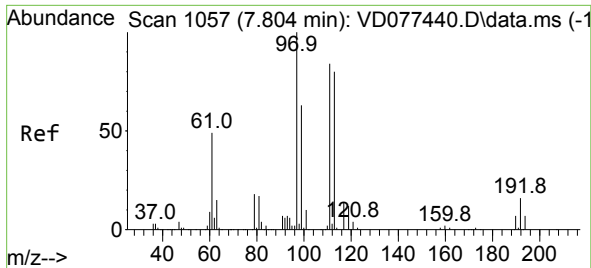
Ion Ratio Lower Upper

114 100

63 24.6 0.0 33.4

88 16.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.115 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

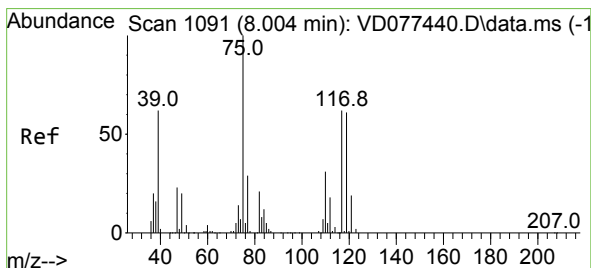
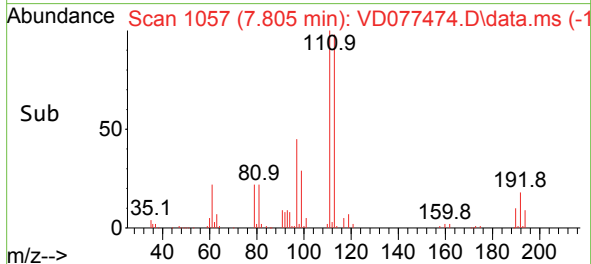
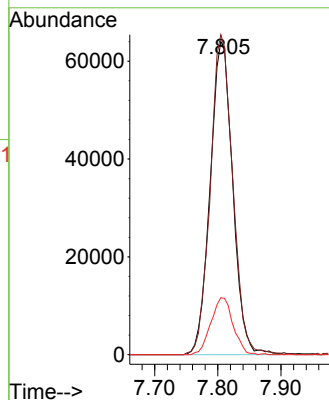
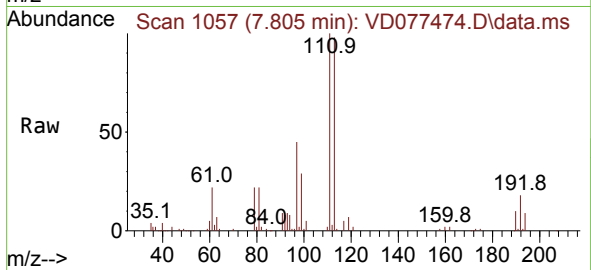
Tgt Ion:113 Resp: 159057

Ion Ratio Lower Upper

113 100

111 101.2 84.7 127.1

192 17.8 16.8 25.2



#36

1,1-Dichloropropene

Concen: 18.637 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

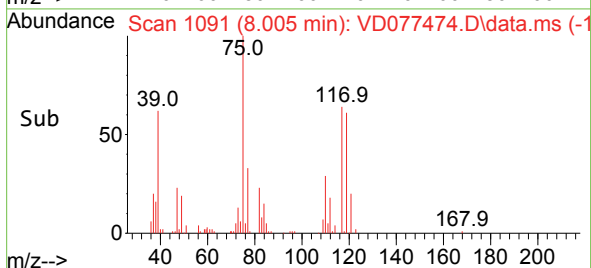
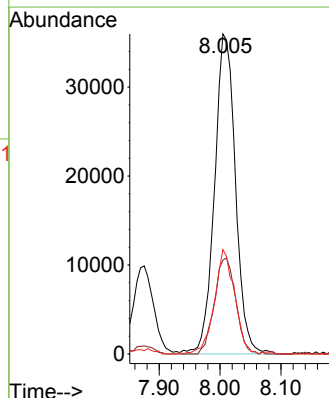
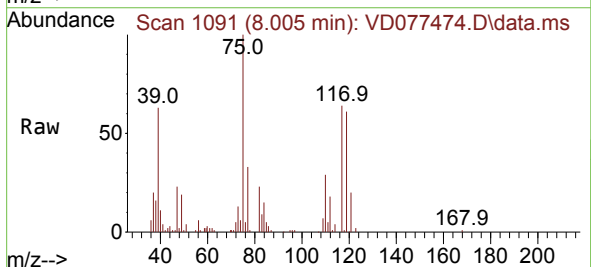
Tgt Ion: 75 Resp: 85987

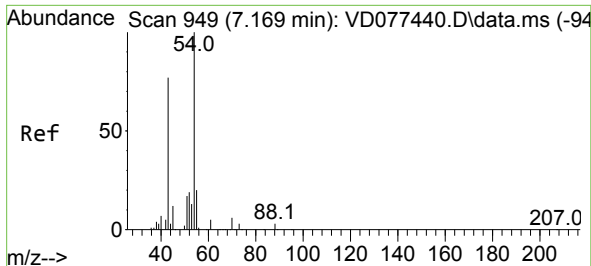
Ion Ratio Lower Upper

75 100

110 30.4 19.9 59.6

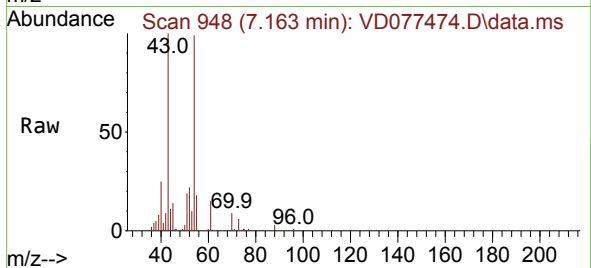
77 31.6 24.7 37.1



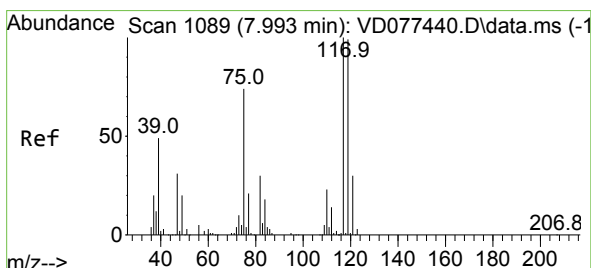
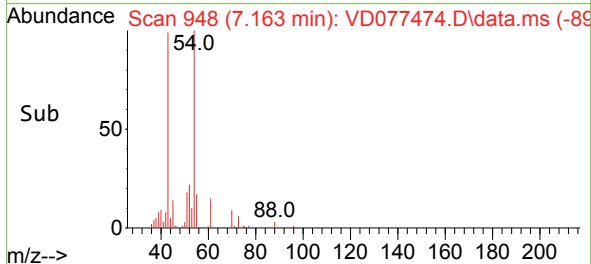
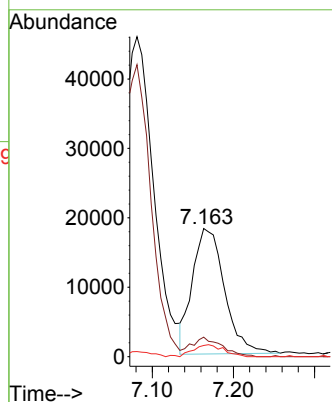


#37
Ethyl Acetate
Concen: 18.764 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :

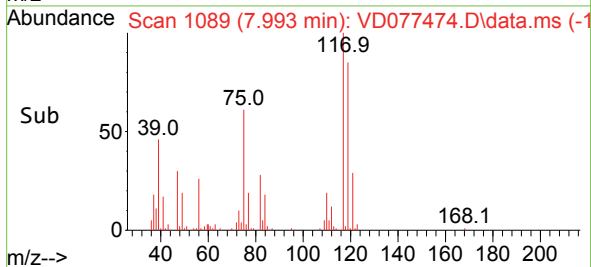
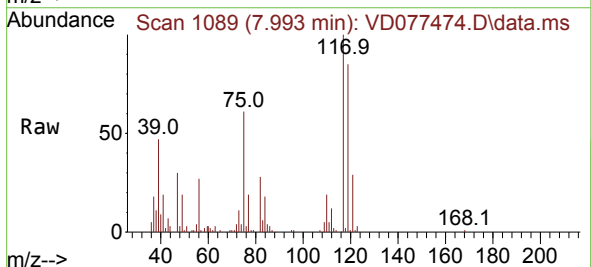
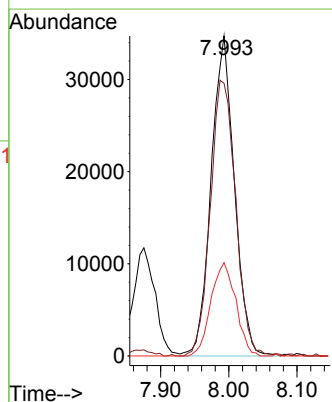


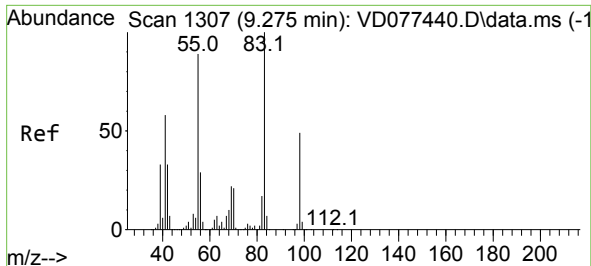
Tgt Ion: 43 Resp: 49682
Ion Ratio Lower Upper
43 100
61 14.7 14.9 22.3#
70 8.9 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 18.988 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion: 117 Resp: 82553
Ion Ratio Lower Upper
117 100
119 85.2 78.0 117.0
121 29.2 24.2 36.2





#39

Methylcyclohexane

Concen: 17.542 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

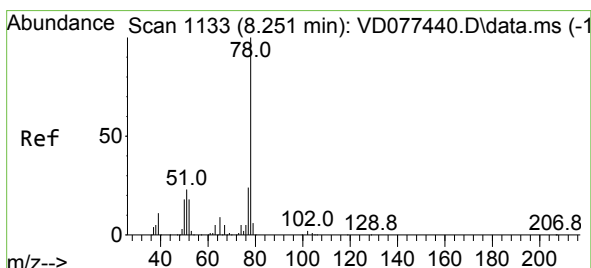
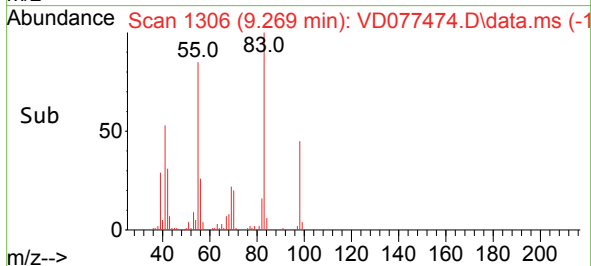
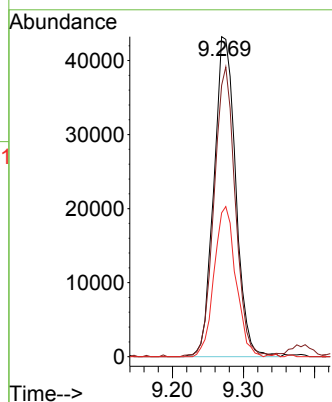
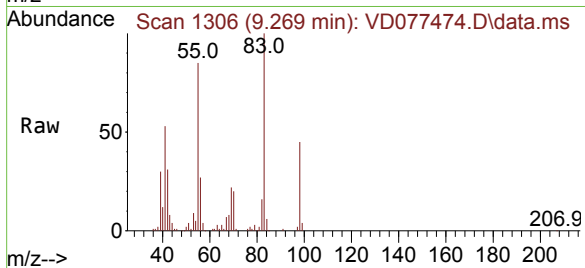
Tgt Ion: 83 Resp: 92343

Ion Ratio Lower Upper

83 100

55 84.8 49.4 74.0#

98 45.0 38.4 57.6



#40

Benzene

Concen: 18.911 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077474.D

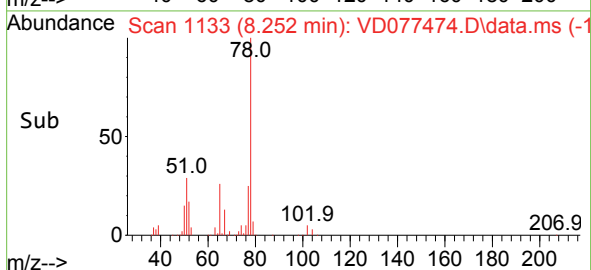
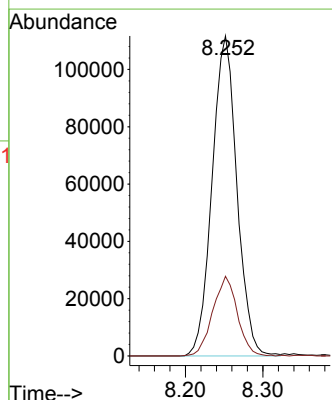
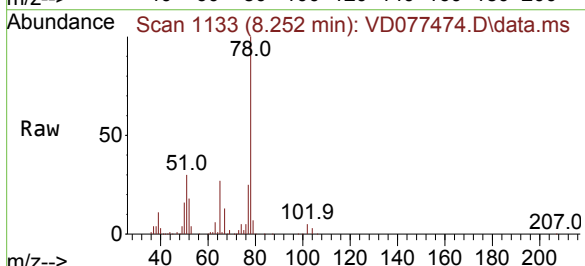
Acq: 01 Nov 2023 12:02

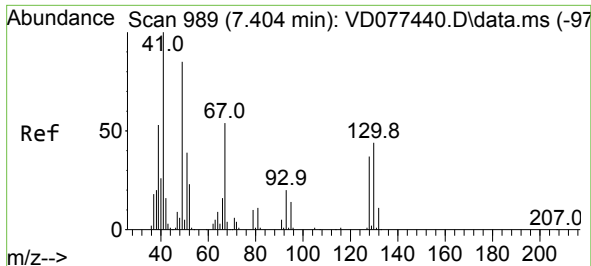
Tgt Ion: 78 Resp: 248797

Ion Ratio Lower Upper

78 100

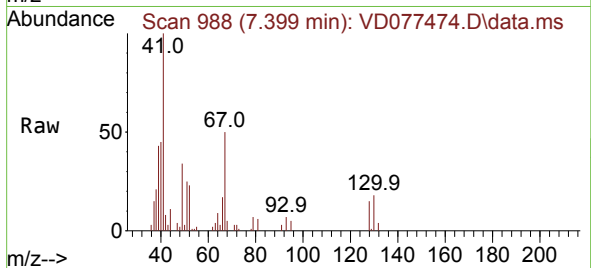
77 24.9 19.4 29.0



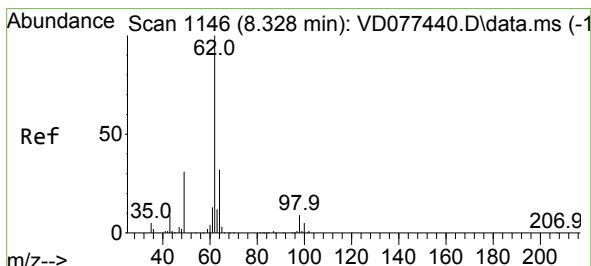
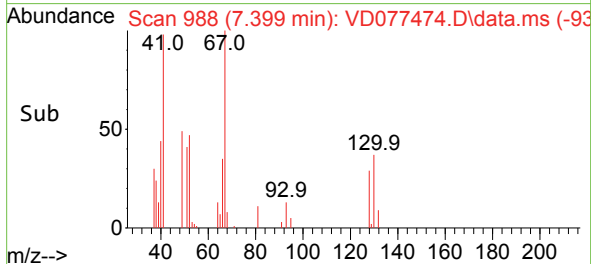
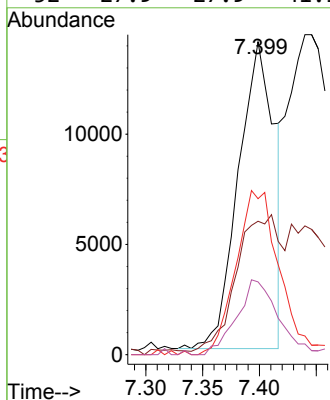


#41
Methacrylonitrile
Concen: 18.106 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :

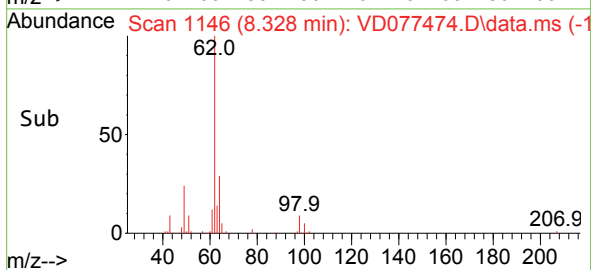
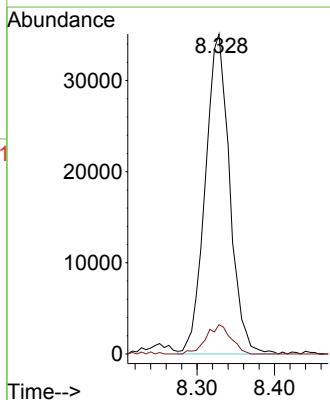
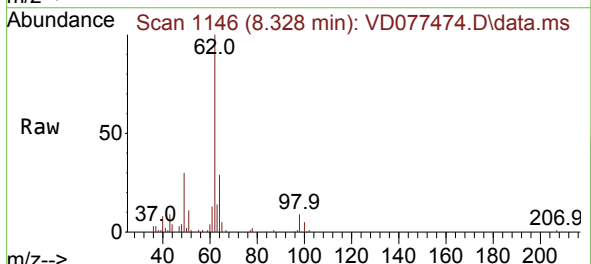


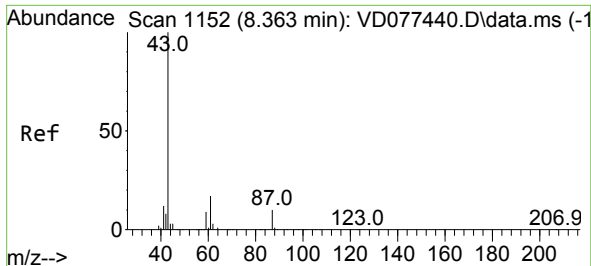
Tgt Ion:	41	Resp:	30675
Ion Ratio	Lower	Upper	
41	100		
39	55.4	34.0	51.0#
67	64.5	77.0	115.4#
52	27.9	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 18.423 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

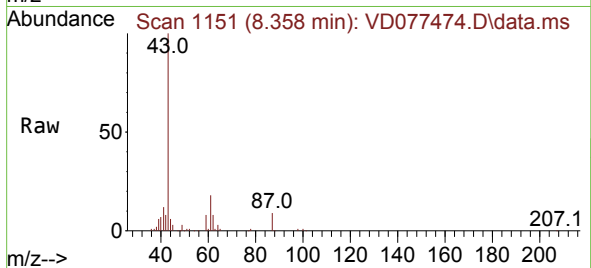
Tgt Ion:	62	Resp:	76765
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	25.4



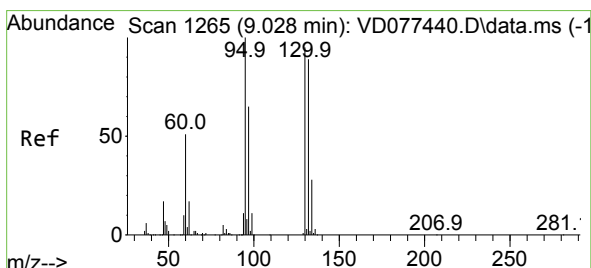
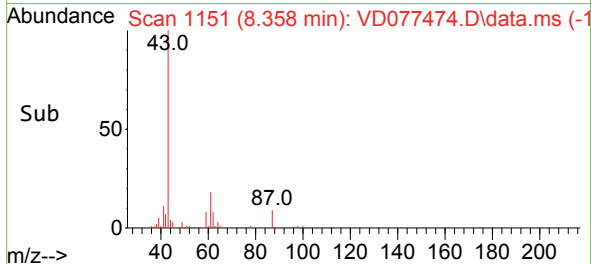
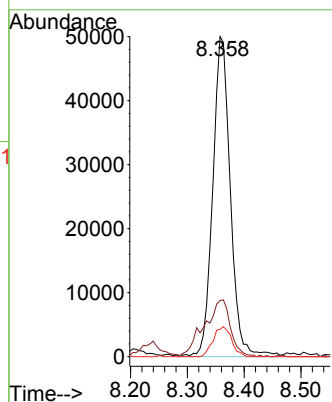


#43
Isopropyl Acetate
Concen: 19.684 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :

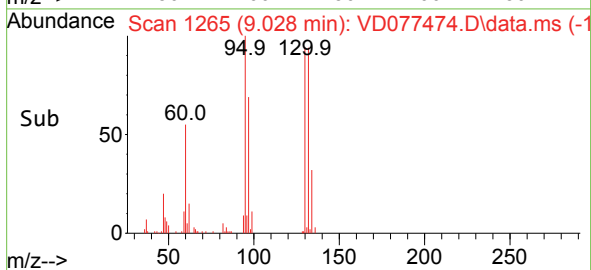
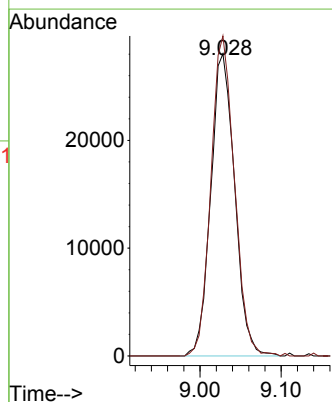
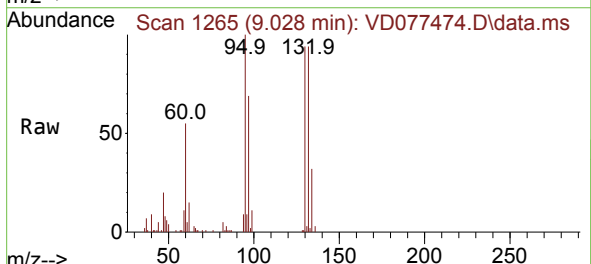


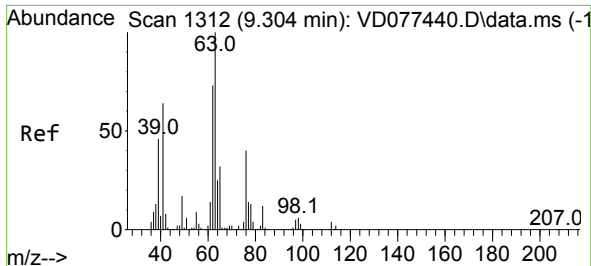
Tgt Ion: 43 Resp: 107553
Ion Ratio Lower Upper
43 100
61 26.4 31.4 47.0#
87 9.8 14.9 22.3#



#44
Trichloroethene
Concen: 17.808 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion:130 Resp: 57387
Ion Ratio Lower Upper
130 100
95 105.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.352 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

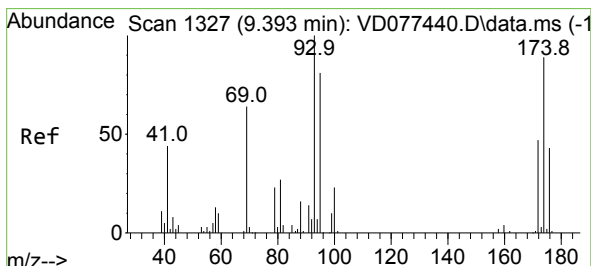
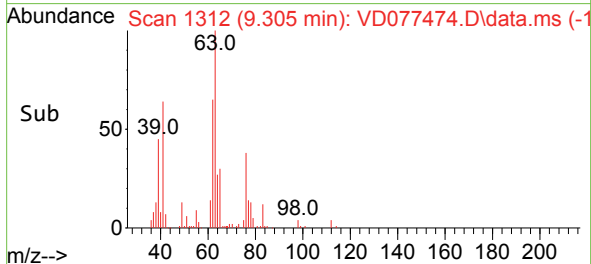
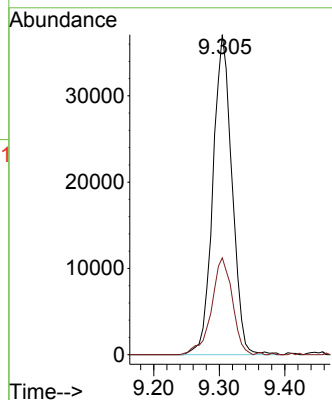
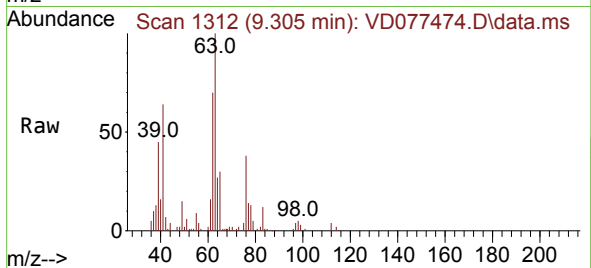
ClientSampleId :

Tgt Ion: 63 Resp: 74956

Ion Ratio Lower Upper

63 100

65 30.2 24.5 36.7



#46

Dibromomethane

Concen: 18.216 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

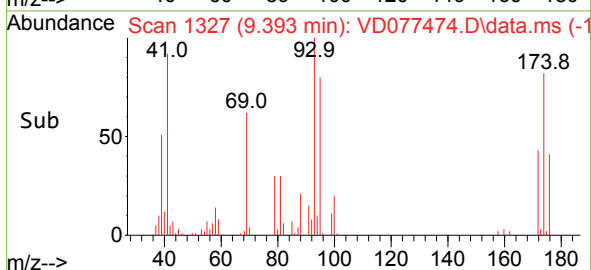
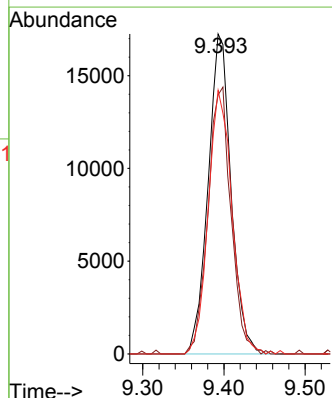
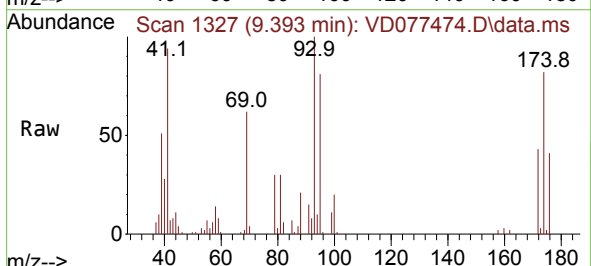
Tgt Ion: 93 Resp: 33953

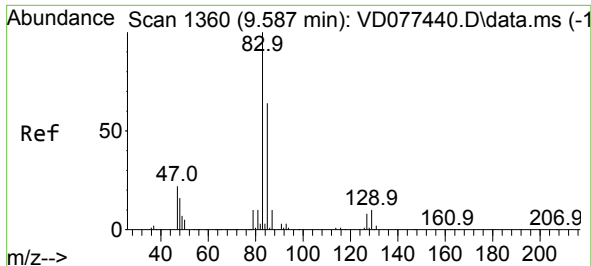
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

174 85.5 85.4 128.2





#47

Bromodichloromethane

Concen: 19.212 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

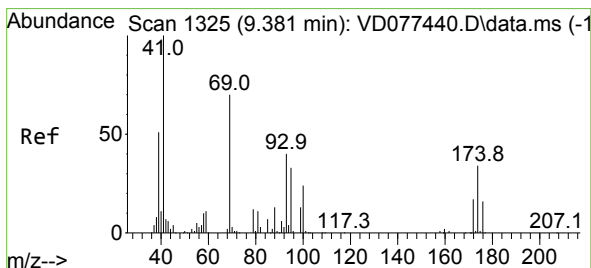
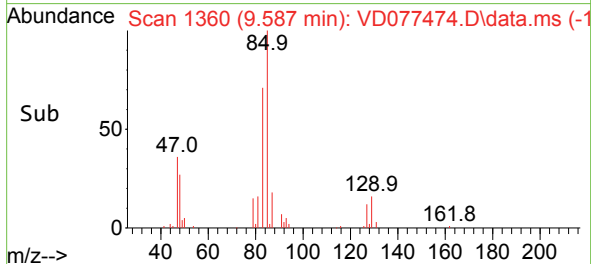
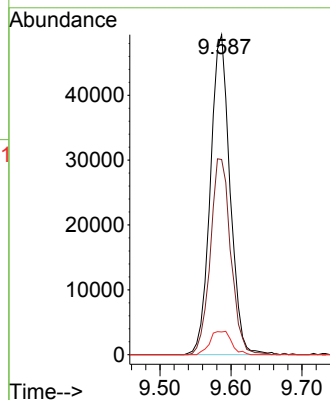
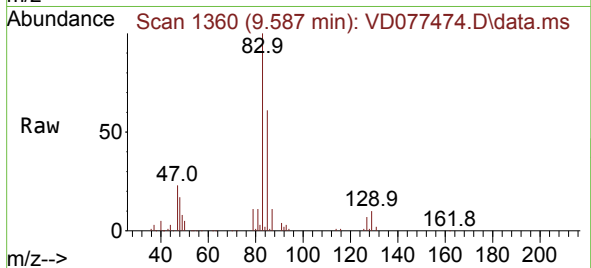
Tgt Ion: 83 Resp: 94654

Ion Ratio Lower Upper

83 100

85 61.0 50.2 75.4

127 7.1 6.3 9.5



#48

Methyl methacrylate

Concen: 17.295 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

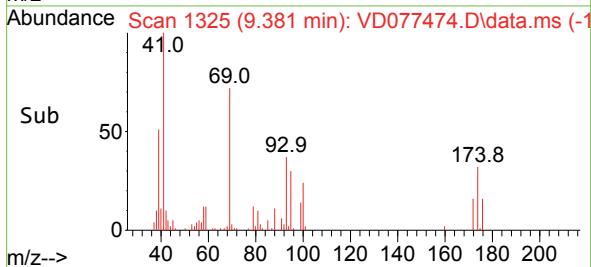
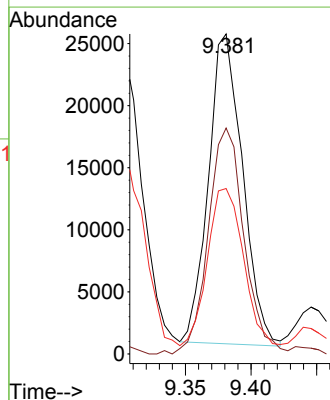
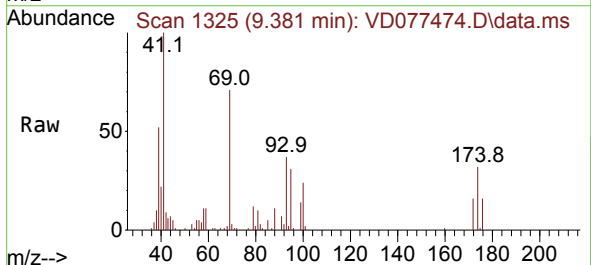
Tgt Ion: 41 Resp: 45108

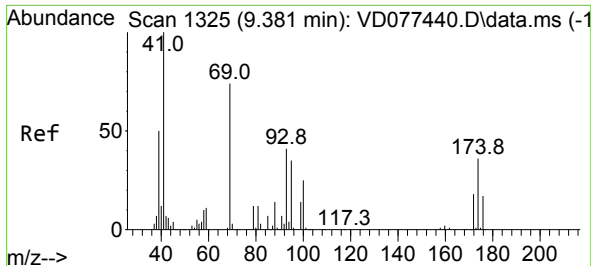
Ion Ratio Lower Upper

41 100

69 76.5 102.2 153.2#

39 57.6 41.4 62.2





#49

1,4-Dioxane

Concen: 388.988 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

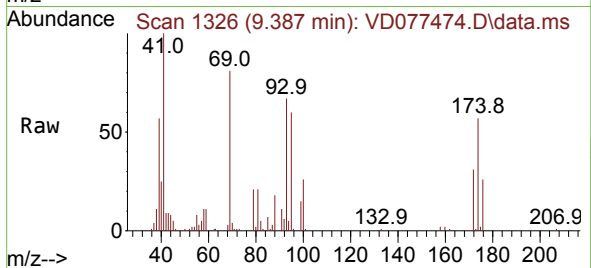
Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :



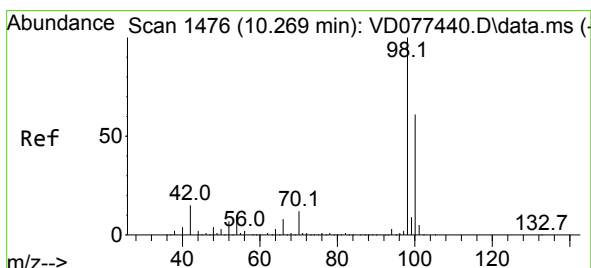
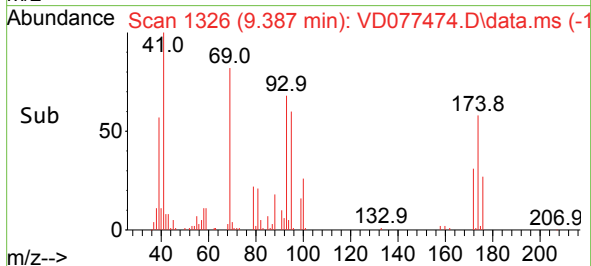
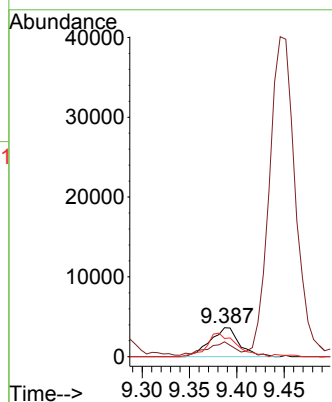
Tgt Ion: 88 Resp: 7791

Ion Ratio Lower Upper

88 100

43 41.4 19.0 28.6#

58 81.3 43.5 65.3#



#50

Toluene-d8

Concen: 52.617 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077474.D

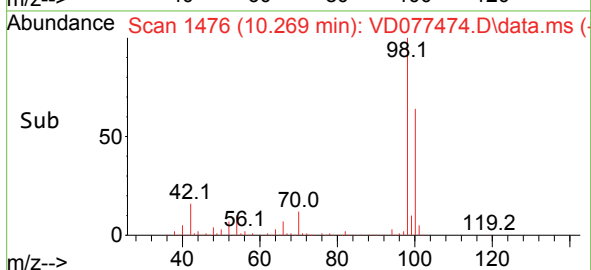
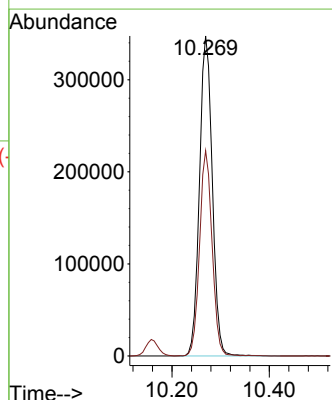
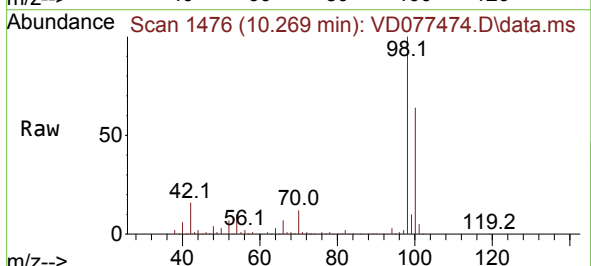
Acq: 01 Nov 2023 12:02

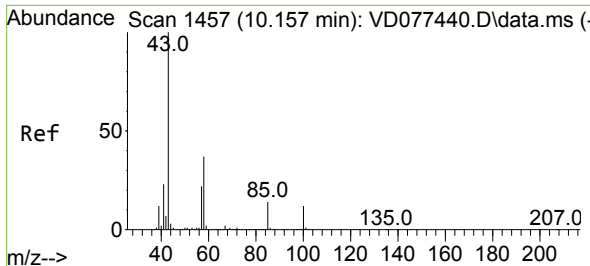
Tgt Ion: 98 Resp: 635977

Ion Ratio Lower Upper

98 100

100 62.9 50.3 75.5

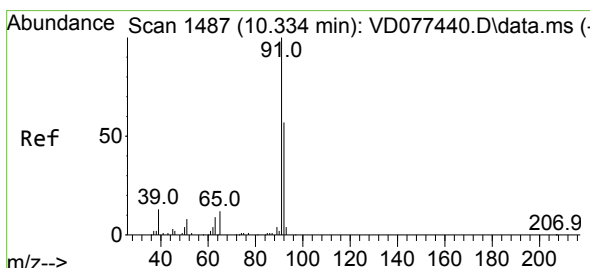
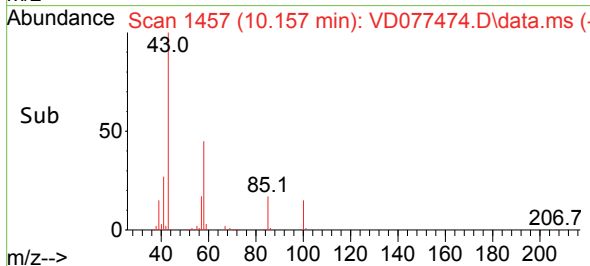
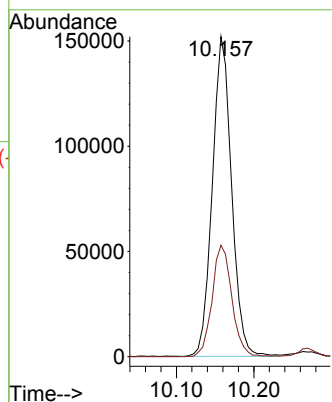
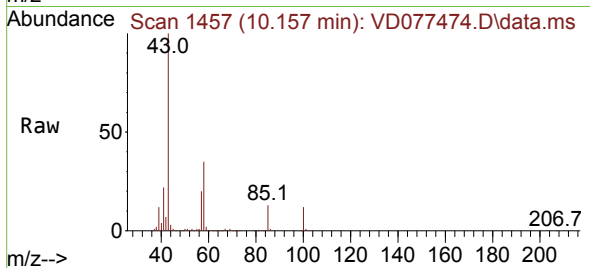




#51
4-Methyl-2-Pentanone
Concen: 97.775 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

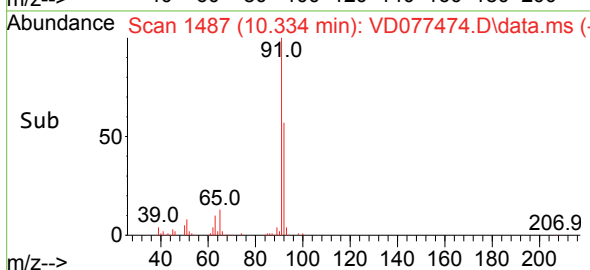
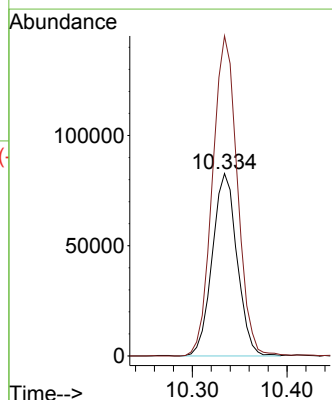
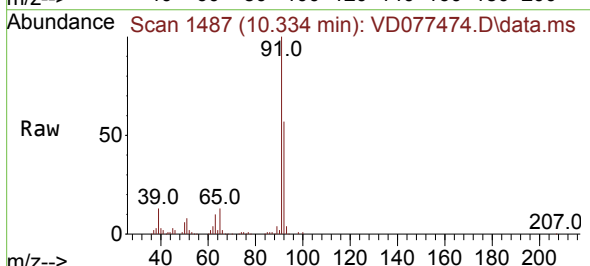
Instrument :
MSVOA_D
ClientSampleId :

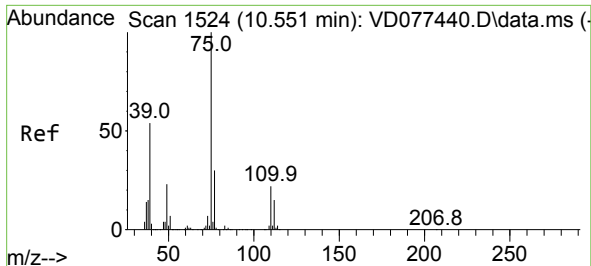
Tgt Ion: 43 Resp: 262961
Ion Ratio Lower Upper
43 100
58 35.8 38.9 58.3#



#52
Toluene
Concen: 18.753 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion: 92 Resp: 150404
Ion Ratio Lower Upper
92 100
91 176.5 143.0 214.4

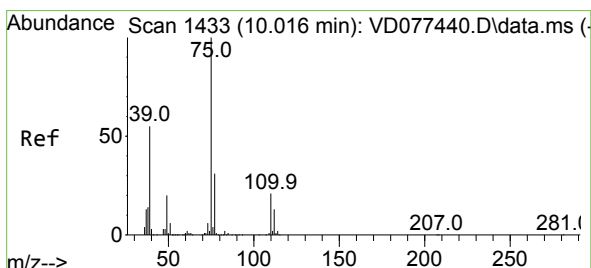
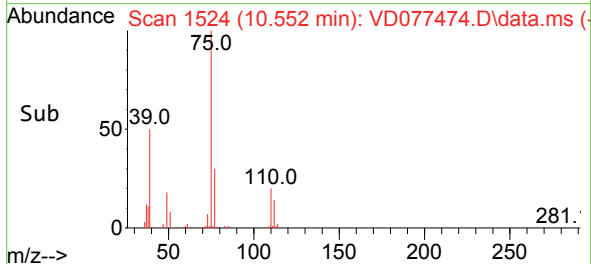
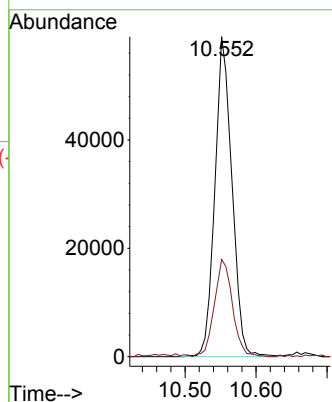
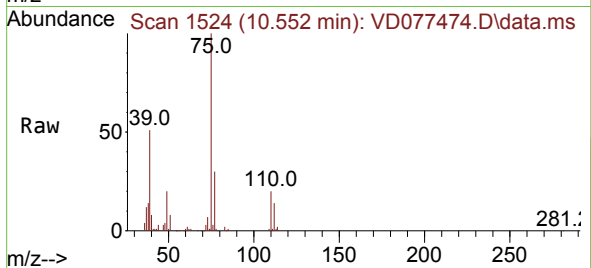




#53
t-1,3-Dichloropropene
Concen: 18.867 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

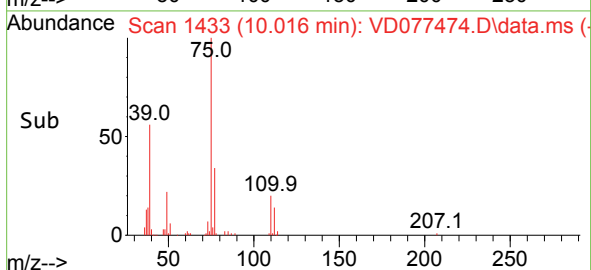
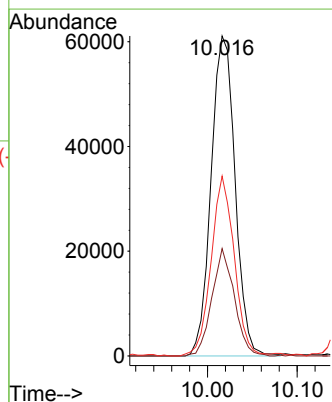
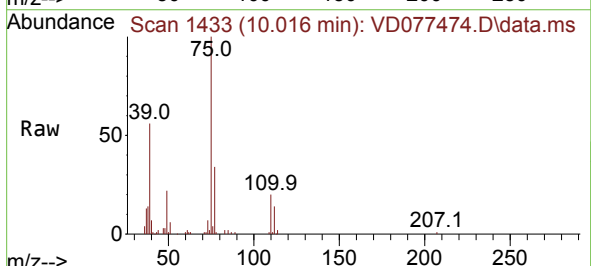
Instrument :
MSVOA_D
ClientSampleId :

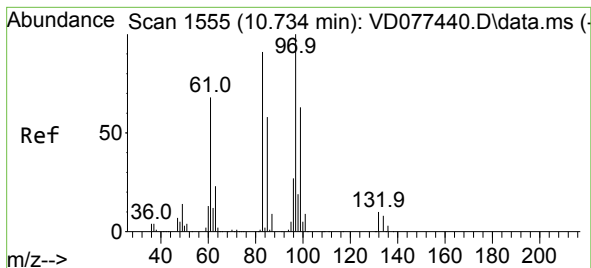
Tgt Ion: 75 Resp: 98425
Ion Ratio Lower Upper
75 100
77 30.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 18.919 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion: 75 Resp: 113580
Ion Ratio Lower Upper
75 100
77 33.6 25.5 38.3
39 56.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 18.938 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 47095

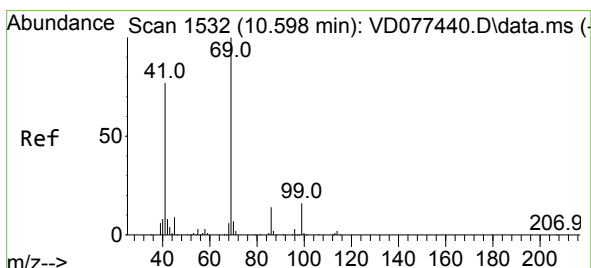
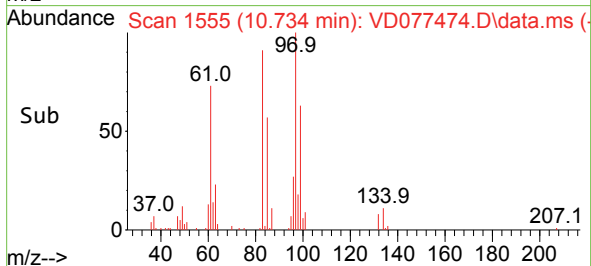
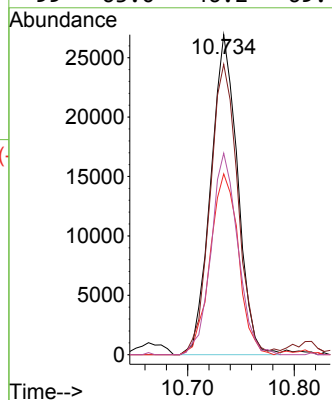
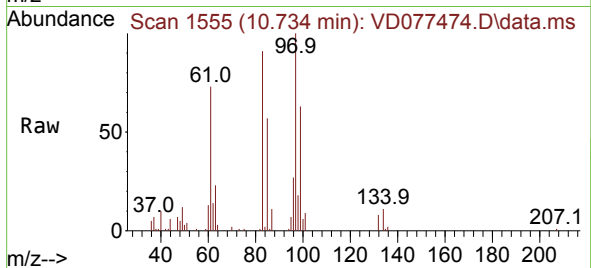
Ion Ratio Lower Upper

97 100

83 90.7 65.8 98.6

85 56.5 45.7 68.5

99 63.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 18.822 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

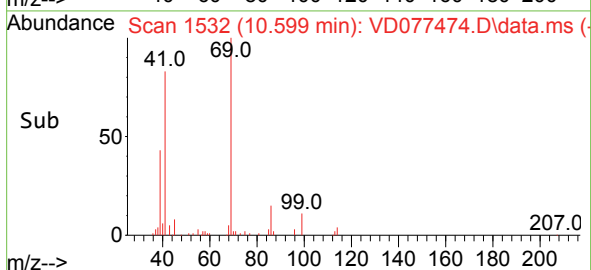
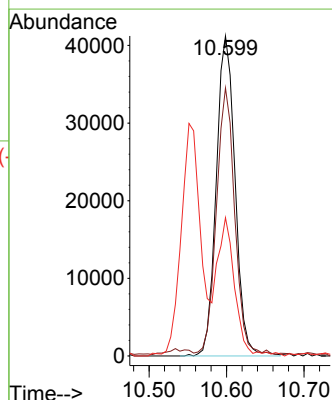
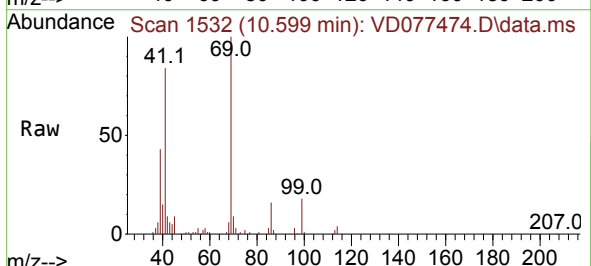
Tgt Ion: 69 Resp: 69595

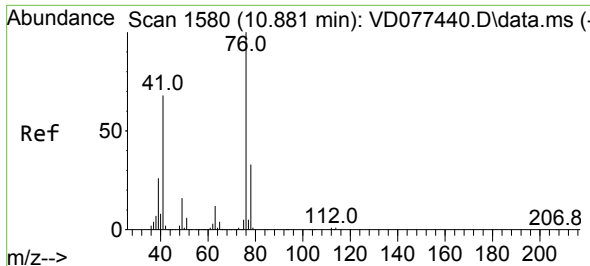
Ion Ratio Lower Upper

69 100

41 81.0 39.1 58.7#

39 39.5 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 18.977 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

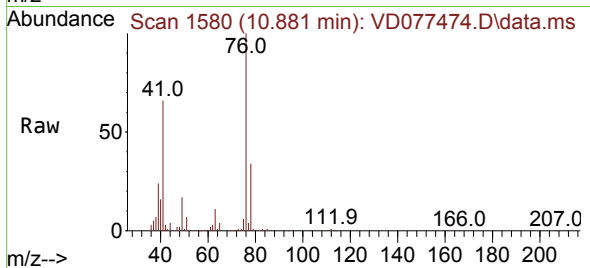
Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

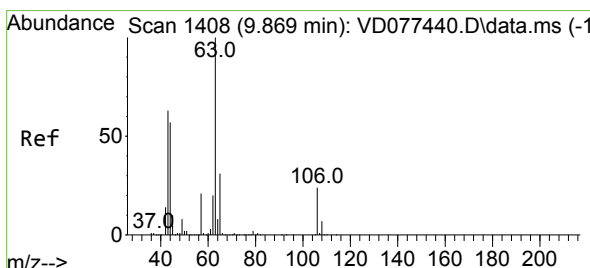
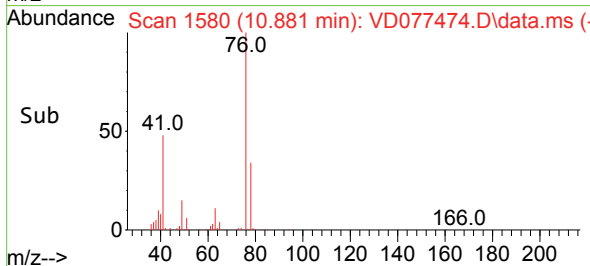
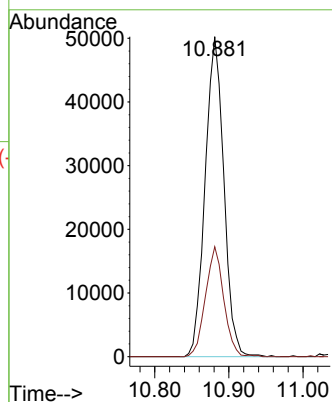


Tgt Ion: 76 Resp: 88209

Ion Ratio Lower Upper

76 100

78 33.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 87.157 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077474.D

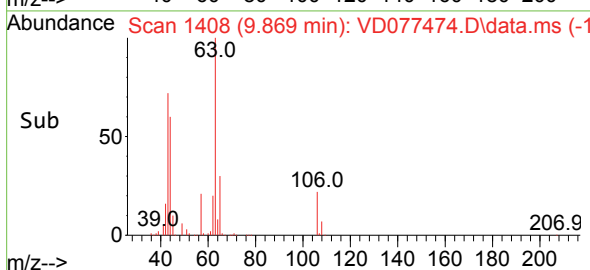
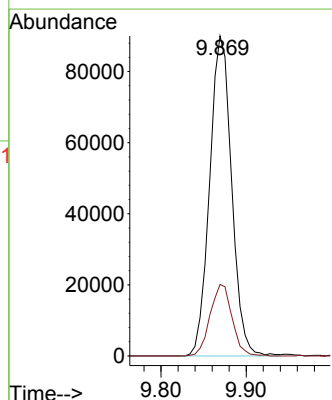
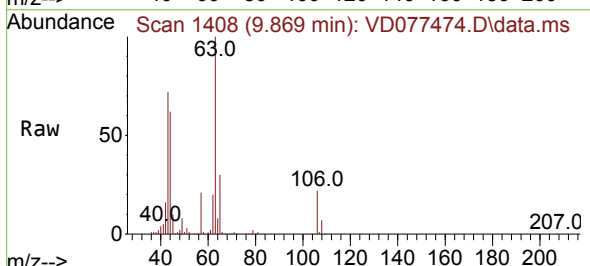
Acq: 01 Nov 2023 12:02

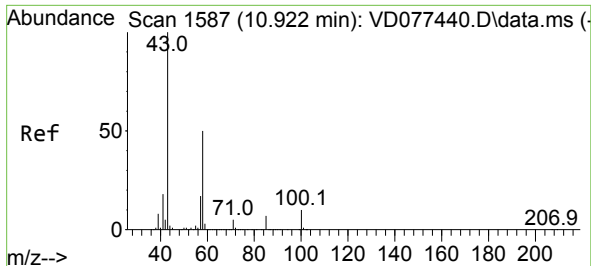
Tgt Ion: 63 Resp: 161335

Ion Ratio Lower Upper

63 100

106 22.3 25.3 37.9

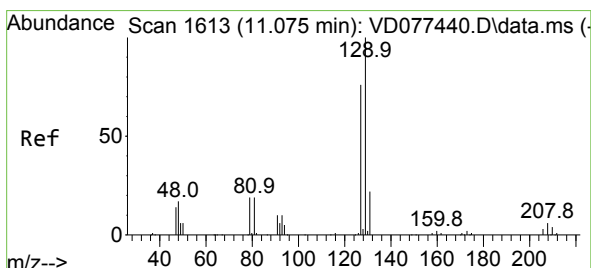
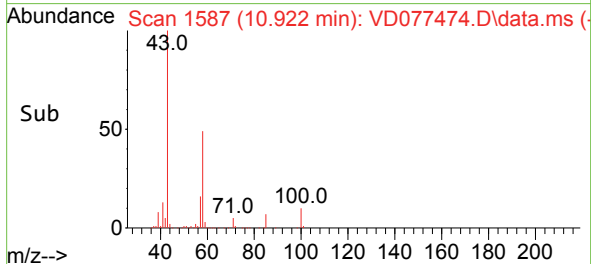
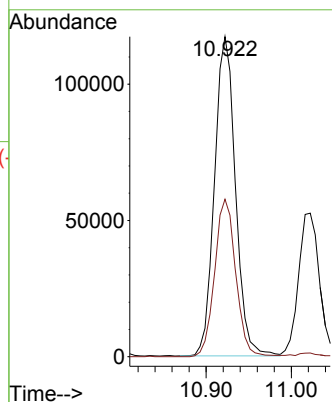
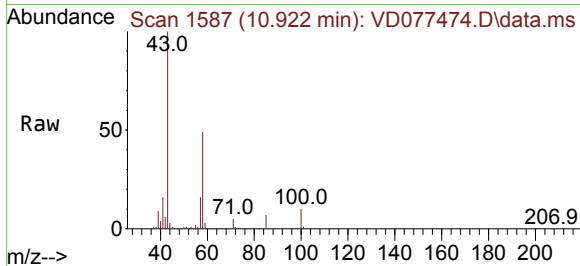




#59
2-Hexanone
Concen: 101.170 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

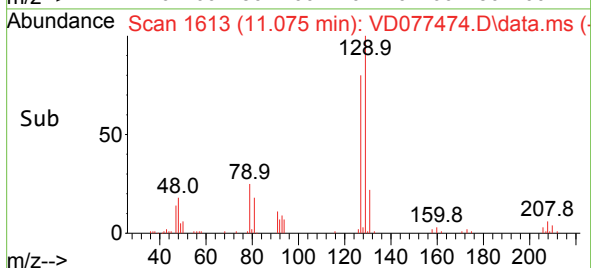
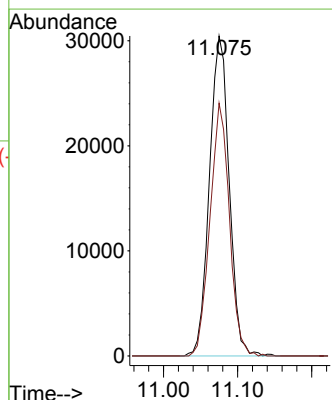
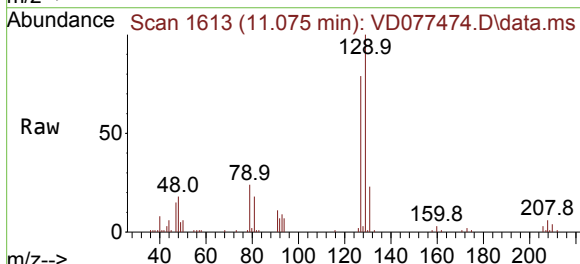
Instrument :
MSVOA_D
ClientSampleId :

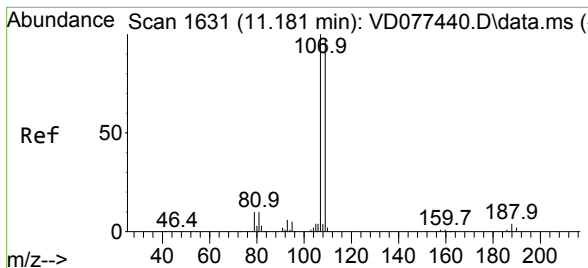
Tgt Ion: 43 Resp: 200441
Ion Ratio Lower Upper
43 100
58 49.6 34.1 102.2



#60
Dibromochloromethane
Concen: 18.867 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion:129 Resp: 56418
Ion Ratio Lower Upper
129 100
127 77.6 37.1 111.5

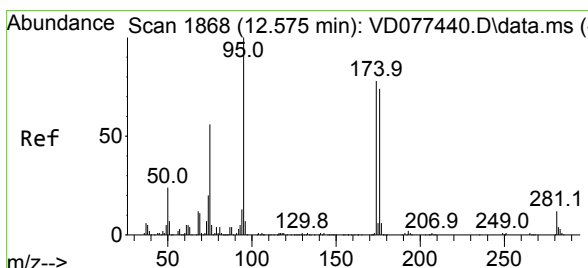
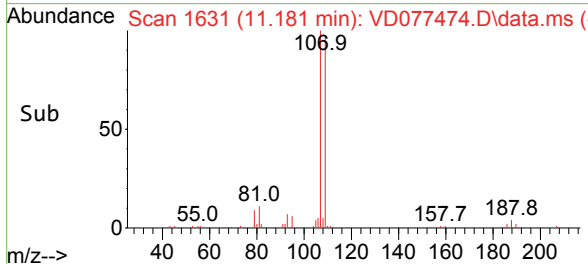
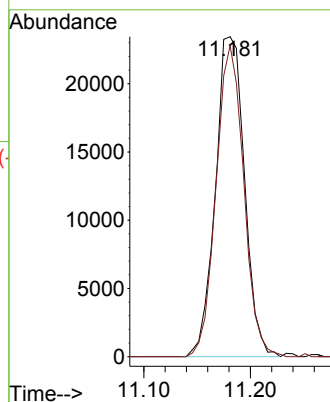
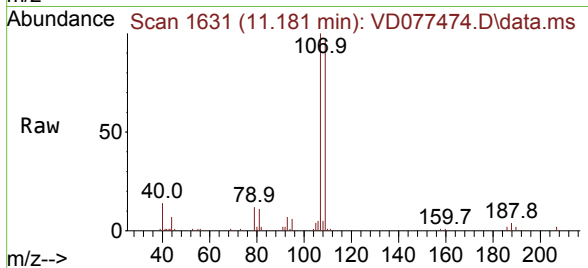




#61
1,2-Dibromoethane
Concen: 18.863 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

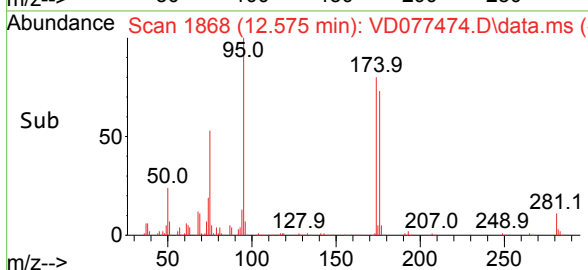
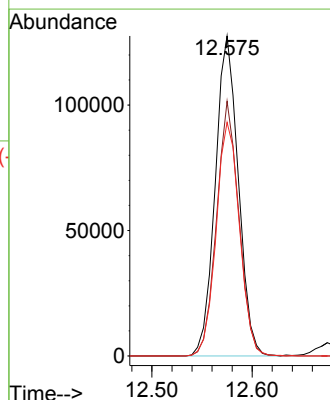
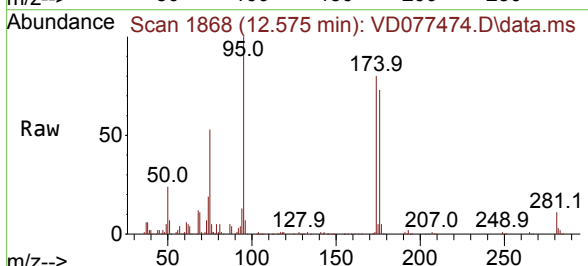
Instrument :
MSVOA_D
ClientSampleId :

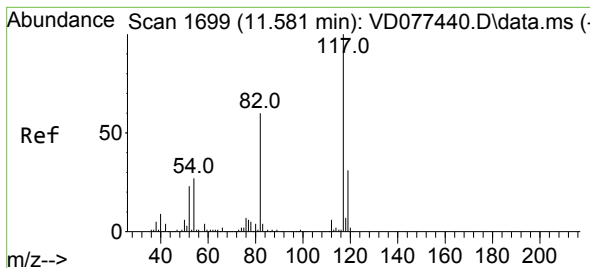
Tgt Ion:107 Resp: 44424
Ion Ratio Lower Upper
107 100
109 92.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.053 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion: 95 Resp: 203764
Ion Ratio Lower Upper
95 100
174 76.8 0.0 201.8
176 74.0 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: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

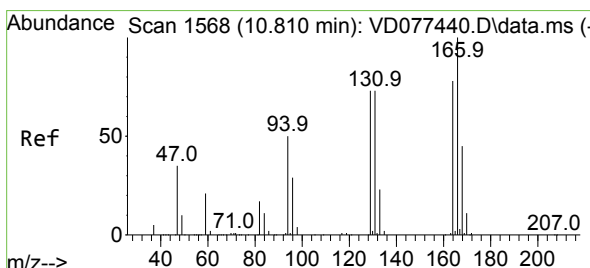
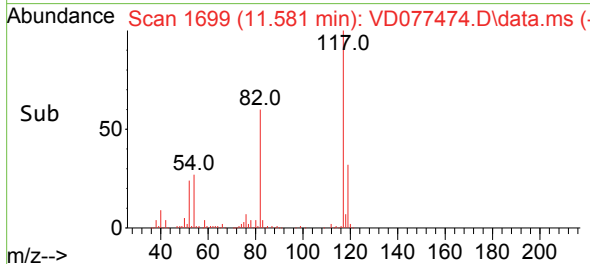
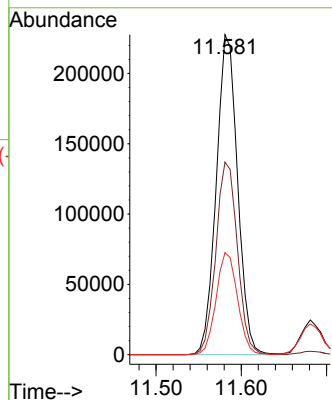
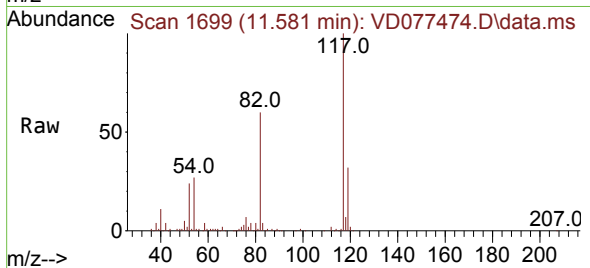
Tgt Ion:117 Resp: 395432

Ion Ratio Lower Upper

117 100

82 60.2 38.3 57.5#

119 31.9 25.0 37.4



#64

Tetrachloroethene

Concen: 18.062 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Tgt Ion:164 Resp: 45472

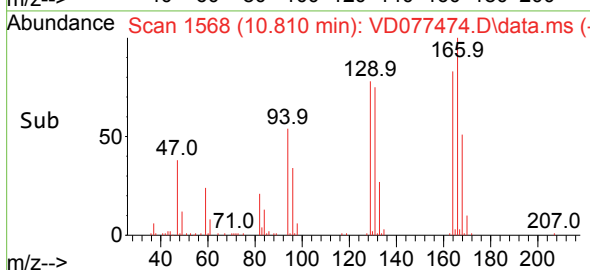
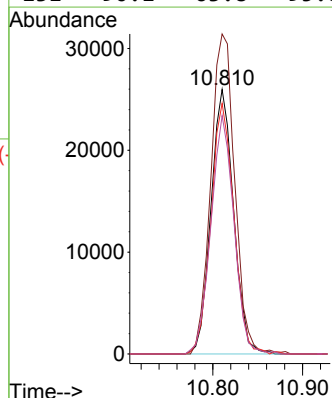
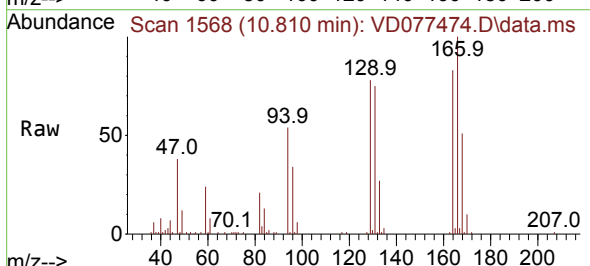
Ion Ratio Lower Upper

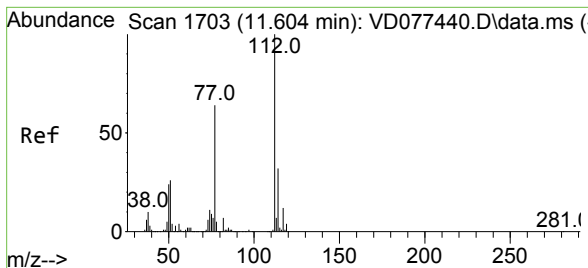
164 100

166 121.0 99.2 148.8

129 94.7 68.4 102.6

131 90.1 63.8 95.8





#65

Chlorobenzene

Concen: 19.135 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

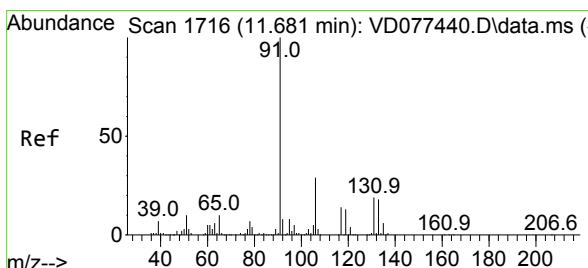
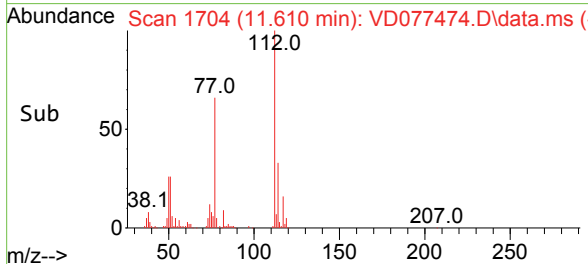
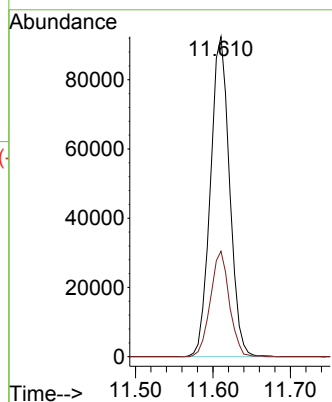
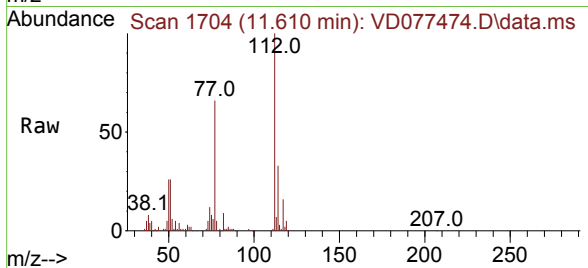
ClientSampleId :

Tgt Ion:112 Resp: 158520

Ion Ratio Lower Upper

112 100

114 33.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 18.967 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

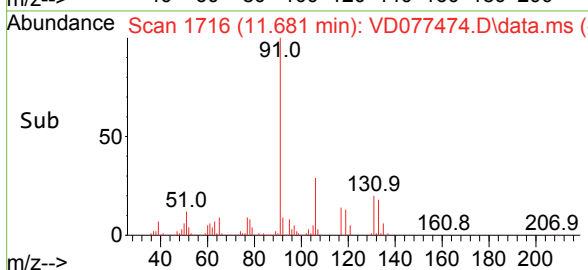
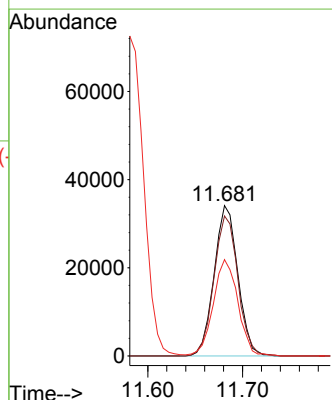
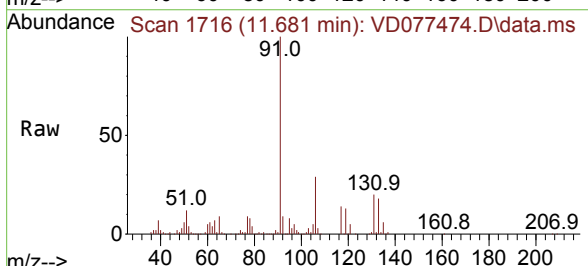
Tgt Ion:131 Resp: 59378

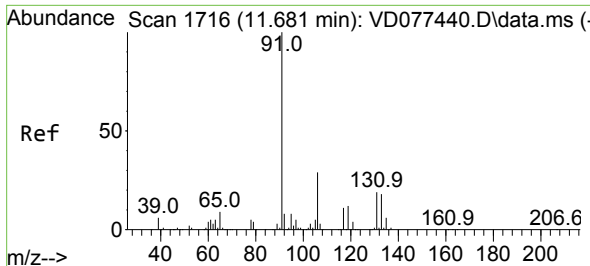
Ion Ratio Lower Upper

131 100

133 94.6 48.5 145.5

119 66.8 35.6 106.9

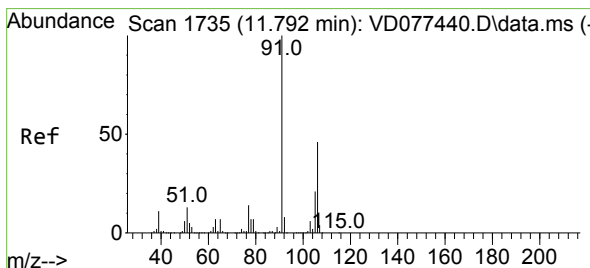
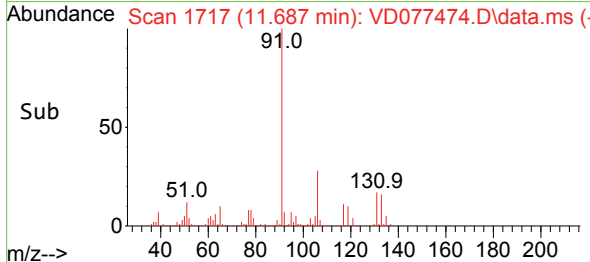
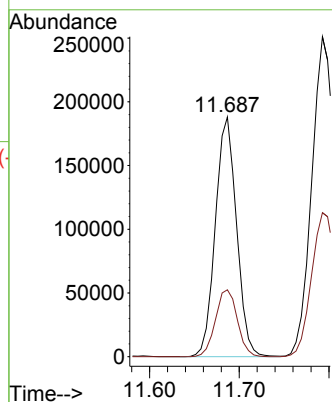
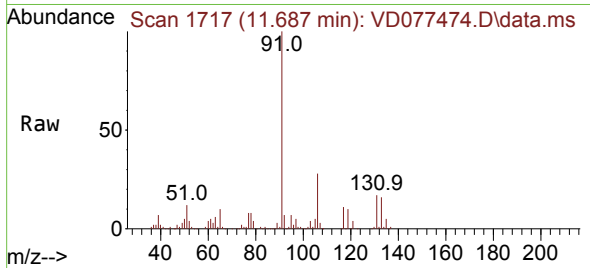




#67
Ethyl Benzene
Concen: 19.343 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

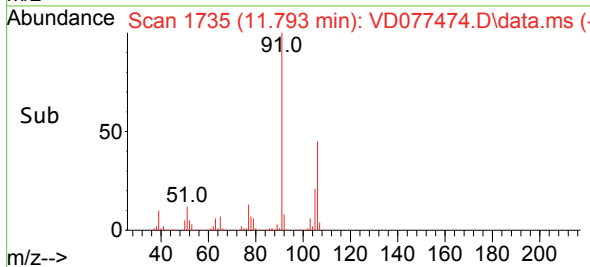
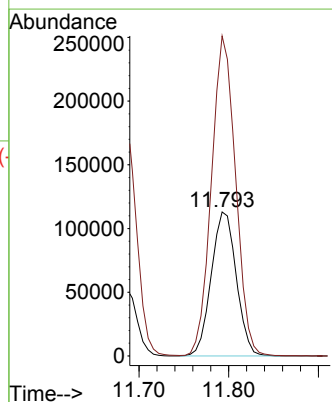
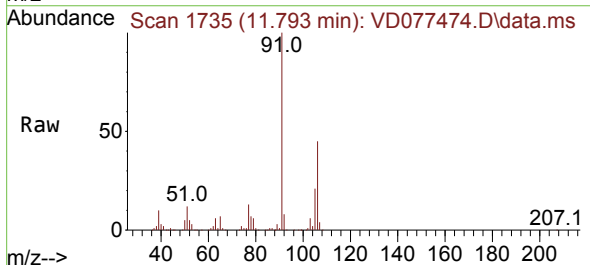
Instrument :
MSVOA_D
ClientSampleId :

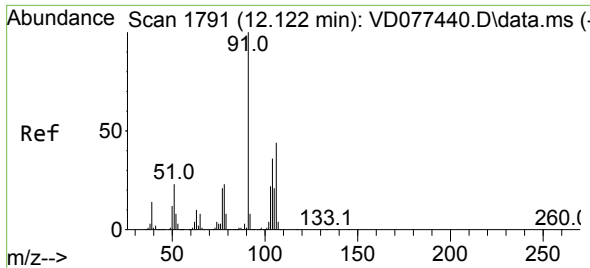
Tgt Ion: 91 Resp: 308330
Ion Ratio Lower Upper
91 100
106 27.9 26.5 39.7



#68
m/p-Xylenes
Concen: 38.048 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion: 106 Resp: 219007
Ion Ratio Lower Upper
106 100
91 214.7 147.0 220.6

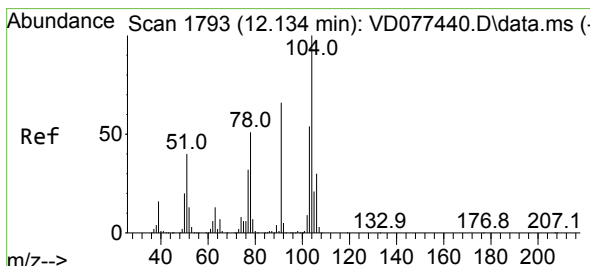
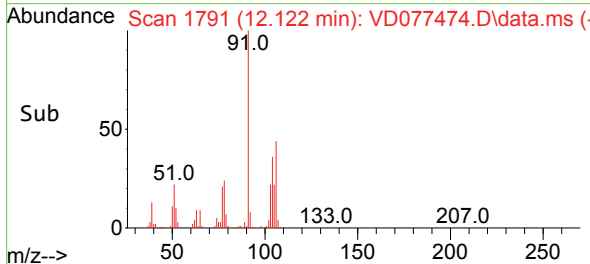
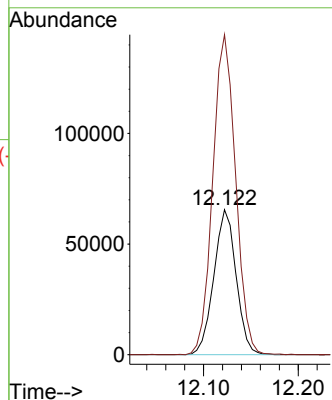
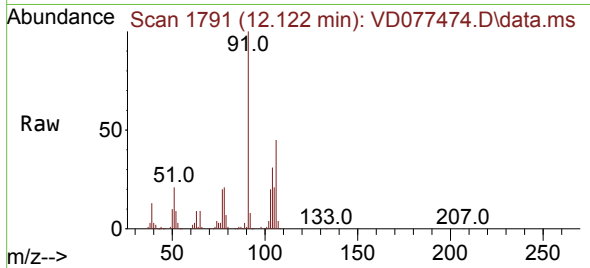




#69
o-Xylene
Concen: 19.430 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

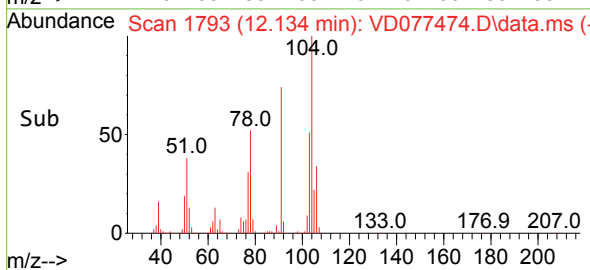
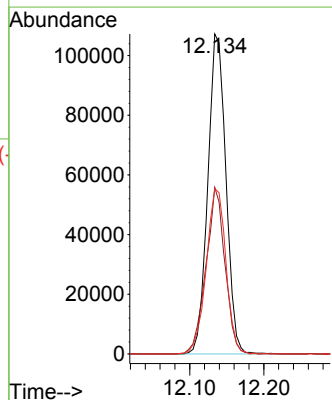
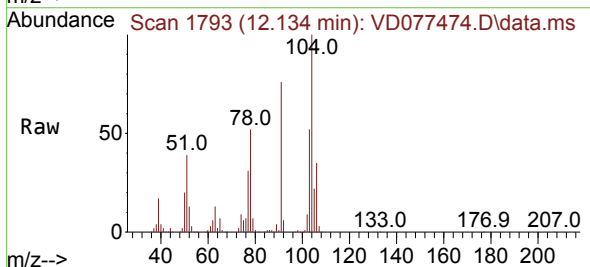
Instrument :
MSVOA_D
ClientSampleId :

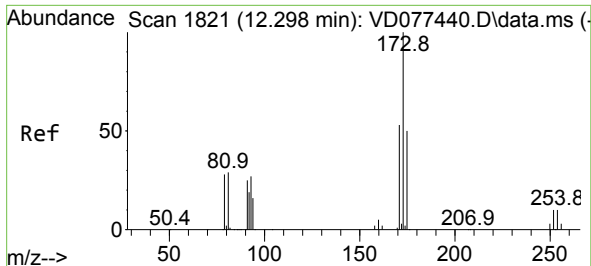
Tgt Ion:106 Resp: 107125
Ion Ratio Lower Upper
106 100
91 226.0 97.9 293.6



#70
Styrene
Concen: 19.151 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

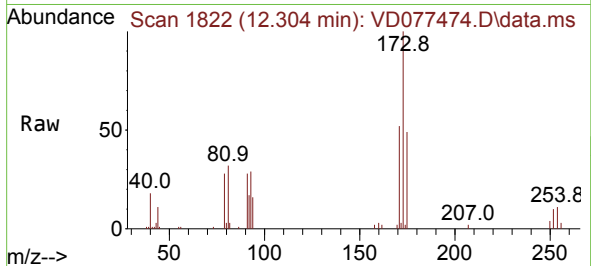
Tgt Ion:104 Resp: 182151
Ion Ratio Lower Upper
104 100
78 54.5 33.2 49.8#
103 56.2 43.6 65.4



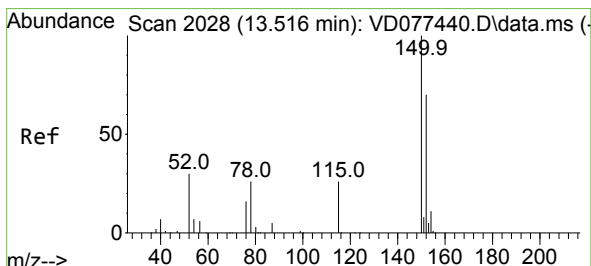
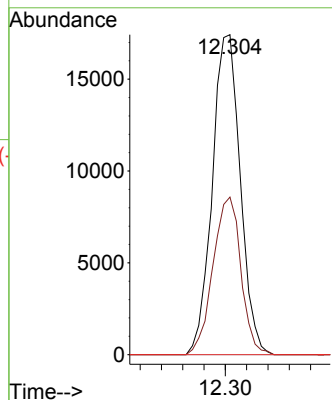
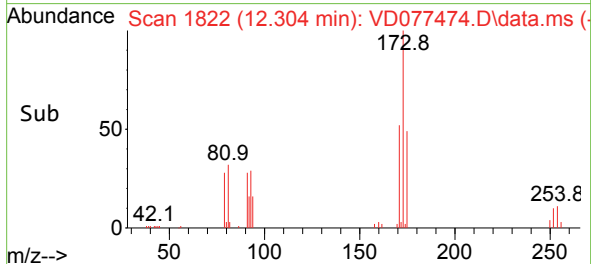


#71
Bromoform
Concen: 18.306 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

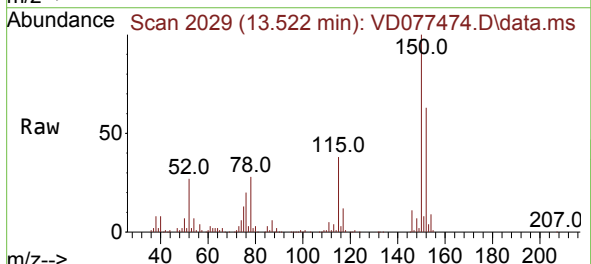
Instrument :
MSVOA_D
ClientSampleId :



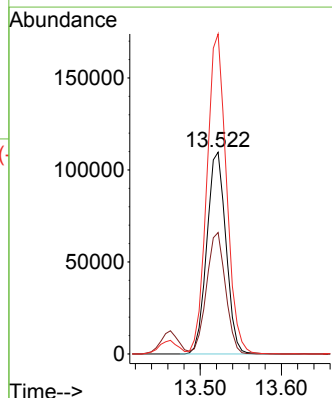
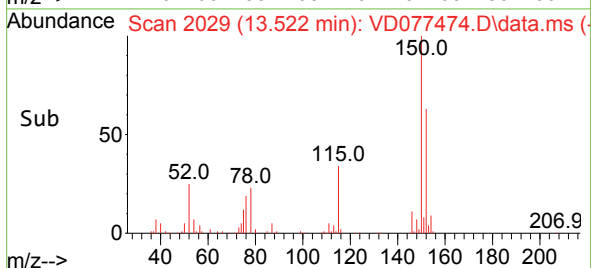
Tgt Ion:173 Resp: 31771
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.8
254 0.0 0.0 0.0

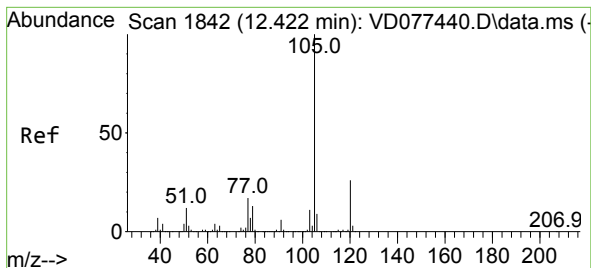


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02



Tgt Ion:152 Resp: 178806
Ion Ratio Lower Upper
152 100
115 59.8 27.1 81.3
150 162.6 0.0 353.6





#73

Isopropylbenzene

Concen: 19.760 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

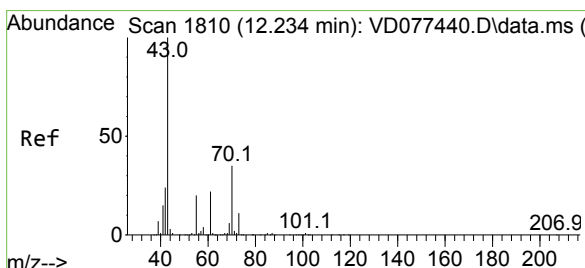
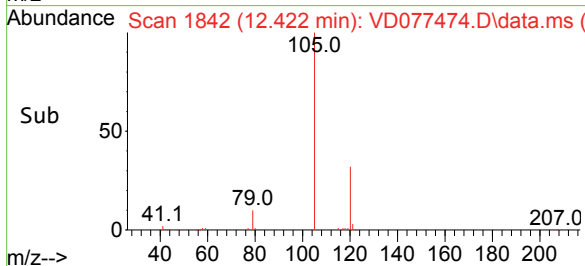
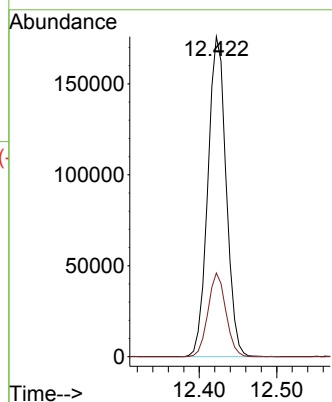
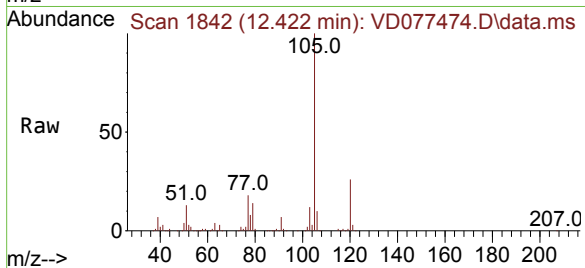
ClientSampleId :

Tgt Ion:105 Resp: 288067

Ion Ratio Lower Upper

105 100

120 25.5 14.3 42.9



#74

N-ethyl acetate

Concen: 19.389 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Tgt Ion: 43 Resp: 100116

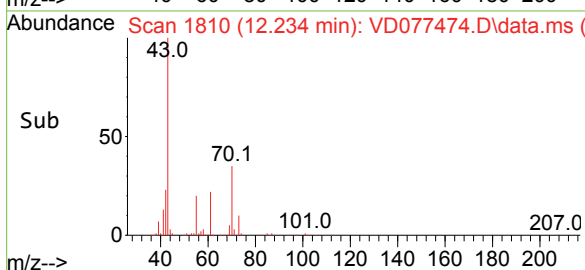
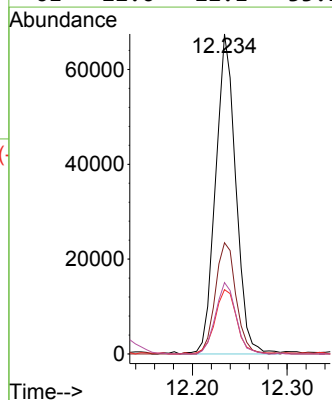
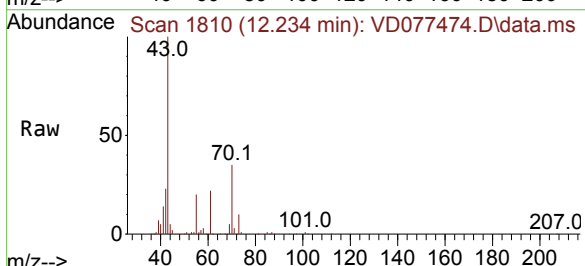
Ion Ratio Lower Upper

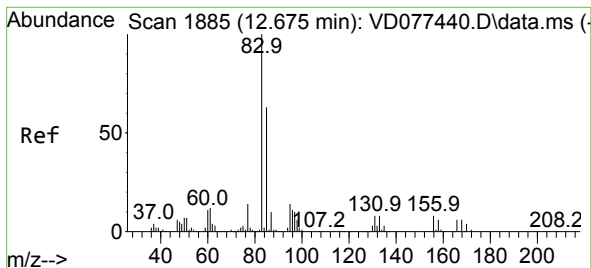
43 100

70 35.6 45.0 67.4#

55 21.9 23.8 35.6#

61 22.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.640 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

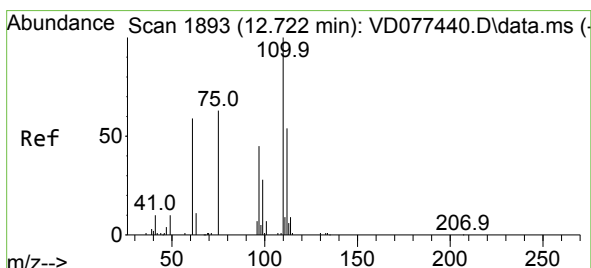
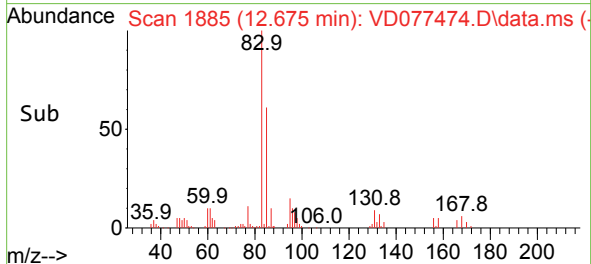
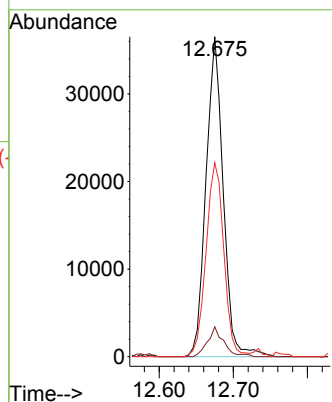
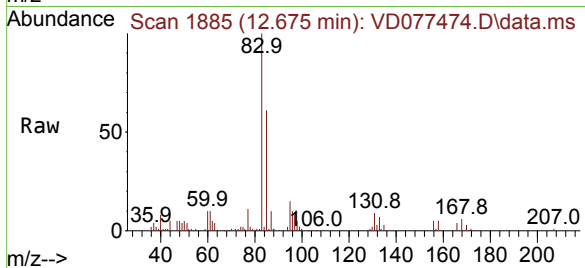
Tgt Ion: 83 Resp: 58982

Ion Ratio Lower Upper

83 100

131 8.8 5.1 15.3

85 62.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 35.294 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD077474.D

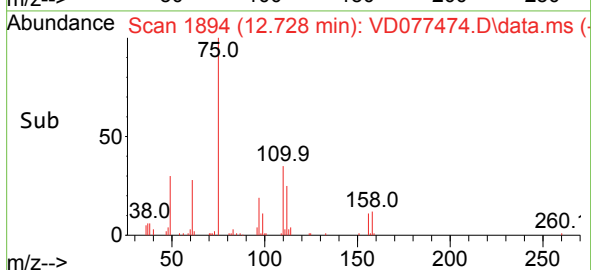
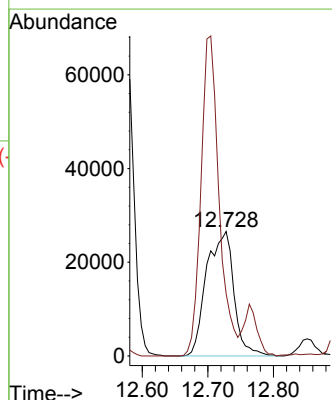
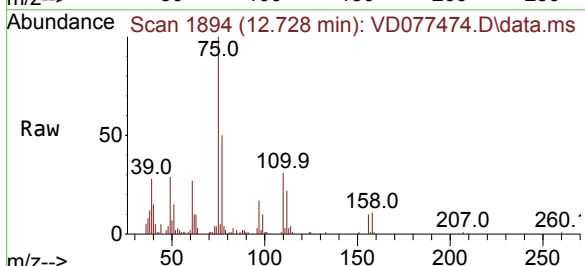
Acq: 01 Nov 2023 12:02

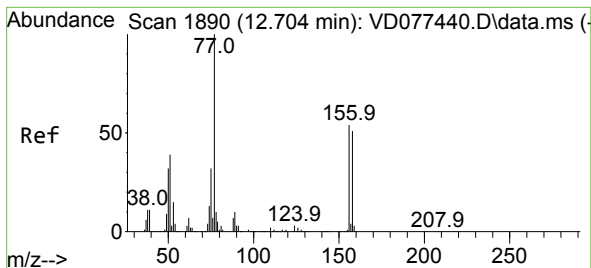
Tgt Ion: 75 Resp: 76807

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.930 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

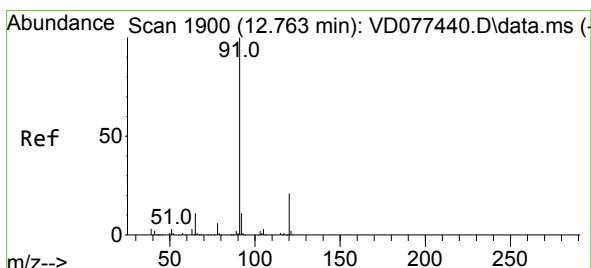
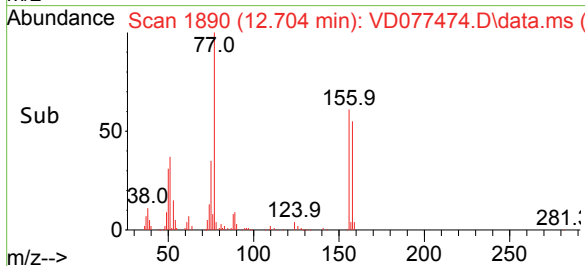
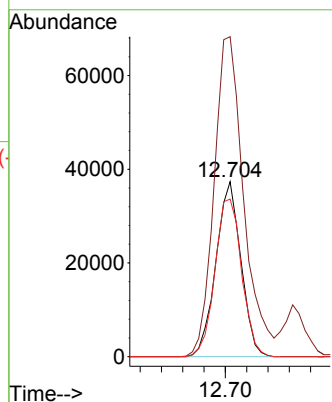
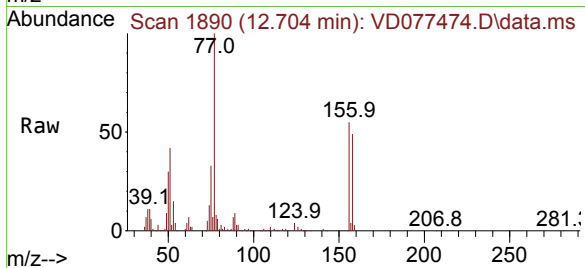
Tgt Ion:156 Resp: 60743

Ion Ratio Lower Upper

156 100

77 216.6 76.8 230.4

158 96.3 48.6 145.9



#78

n-propylbenzene

Concen: 19.751 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077474.D

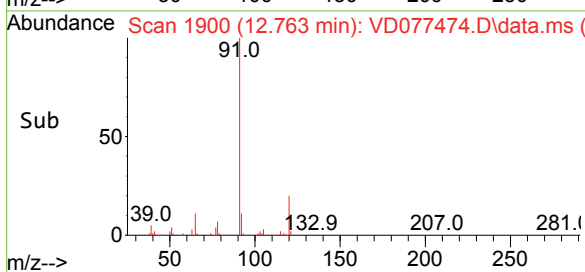
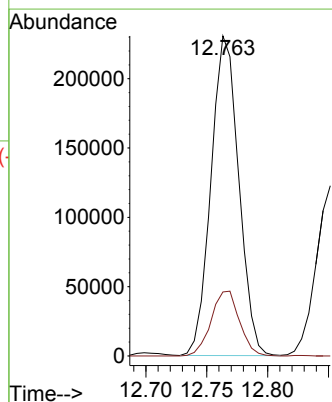
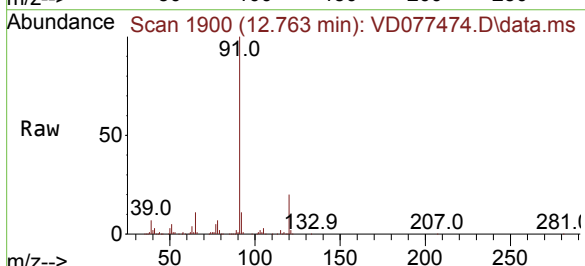
Acq: 01 Nov 2023 12:02

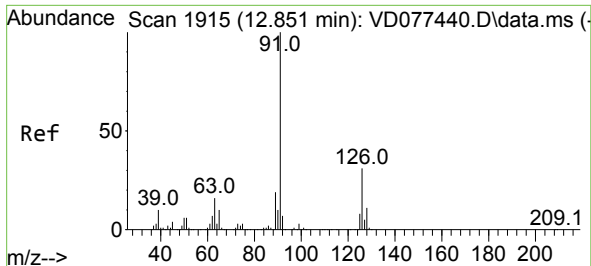
Tgt Ion: 91 Resp: 365603

Ion Ratio Lower Upper

91 100

120 20.8 12.4 37.2

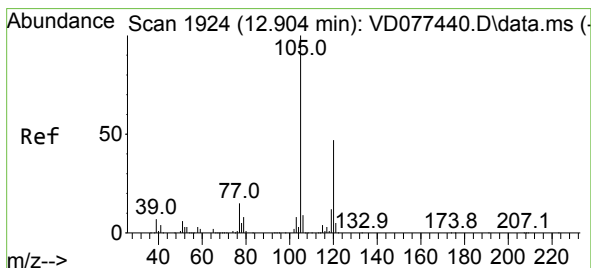
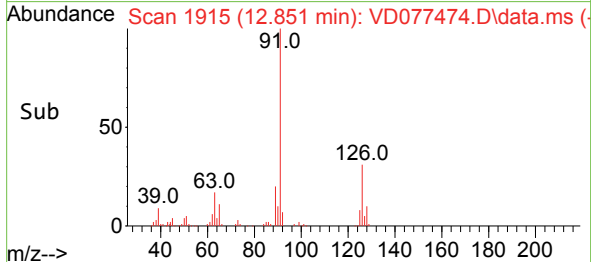
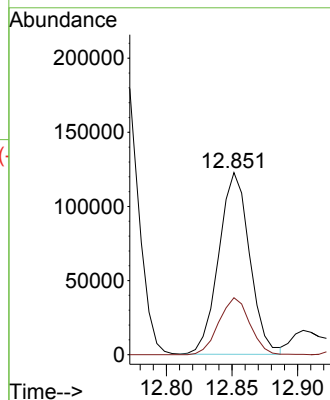
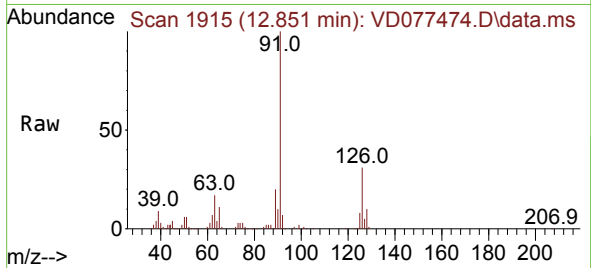




#79
2-Chlorotoluene
Concen: 19.245 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

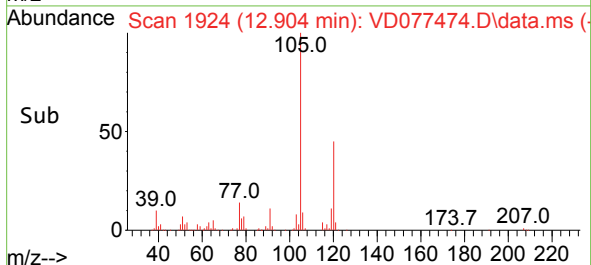
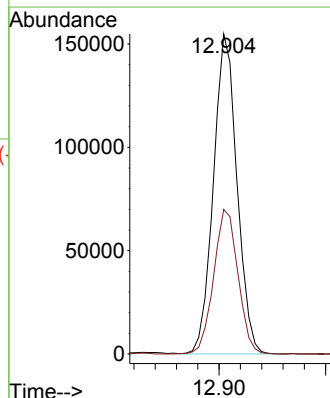
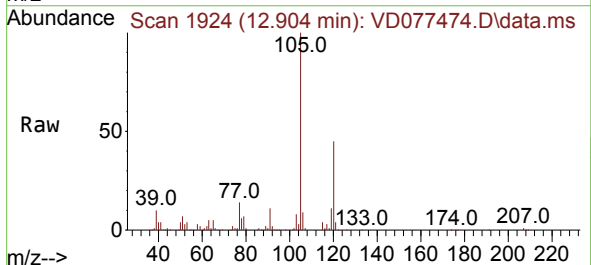
Instrument :
MSVOA_D
ClientSampleId :

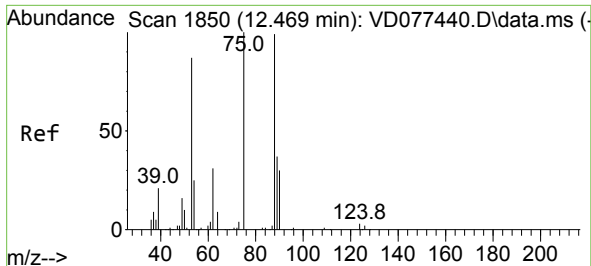
Tgt Ion: 91 Resp: 201705
Ion Ratio Lower Upper
91 100
126 31.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.442 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion: 105 Resp: 237822
Ion Ratio Lower Upper
105 100
120 46.5 26.4 79.2

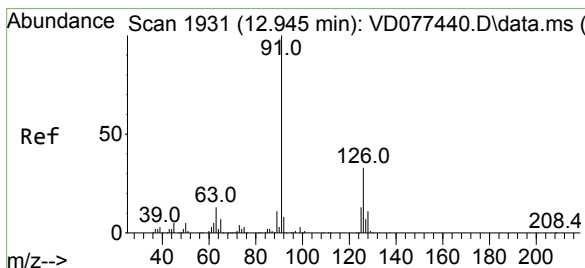
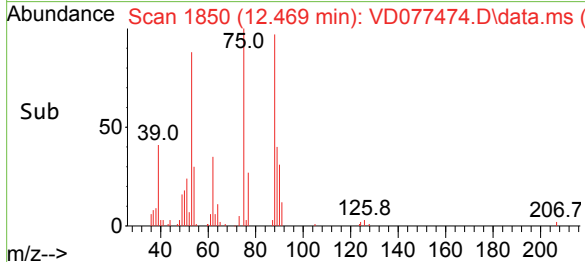
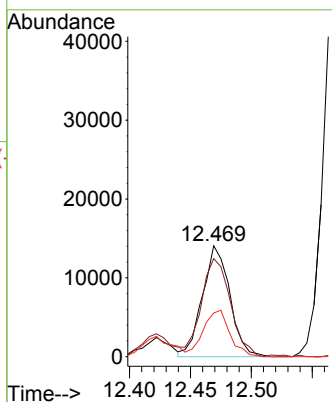
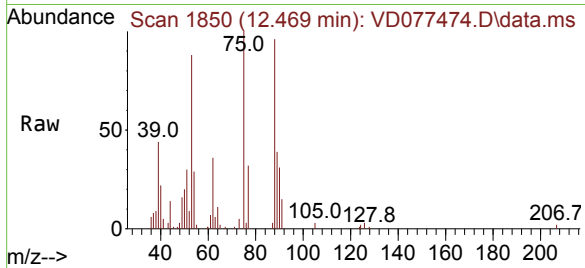




#81
trans-1,4-Dichloro-2-butene
Concen: 19.448 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

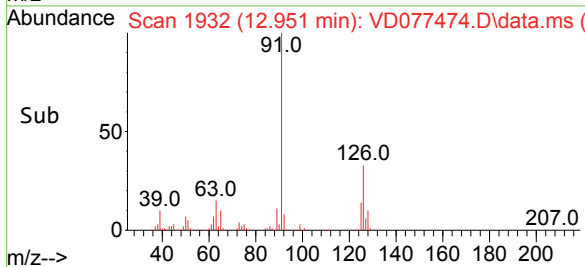
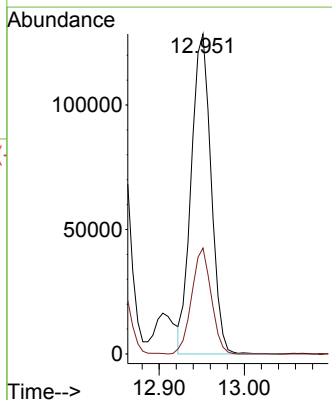
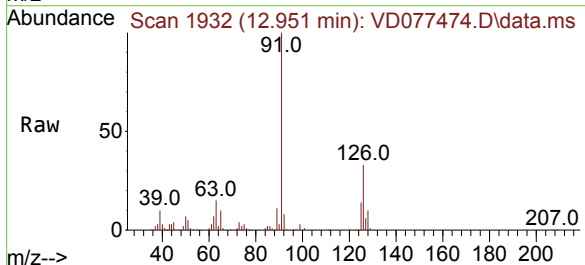
Instrument :
MSVOA_D
ClientSampleId :

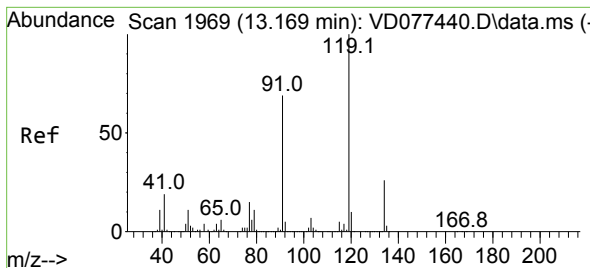
Tgt Ion: 75 Resp: 21911
Ion Ratio Lower Upper
75 100
53 93.4 63.0 94.4
89 40.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.032 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion: 91 Resp: 207777
Ion Ratio Lower Upper
91 100
126 32.6 19.4 58.4





#83

tert-Butylbenzene

Concen: 19.635 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

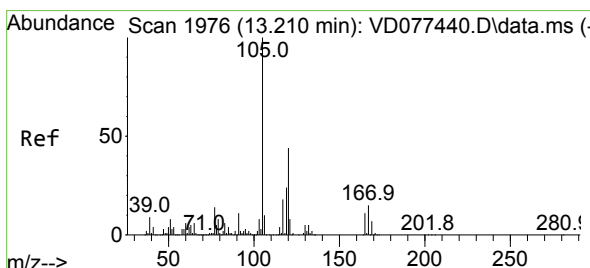
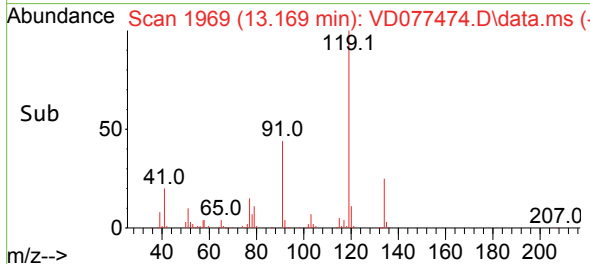
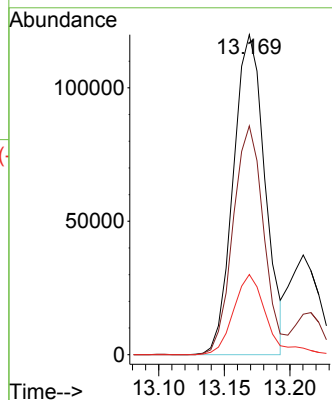
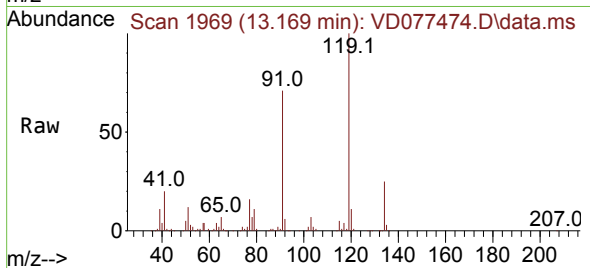
Tgt Ion:119 Resp: 201932

Ion Ratio Lower Upper

119 100

91 69.7 29.3 87.8

134 26.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 19.348 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077474.D

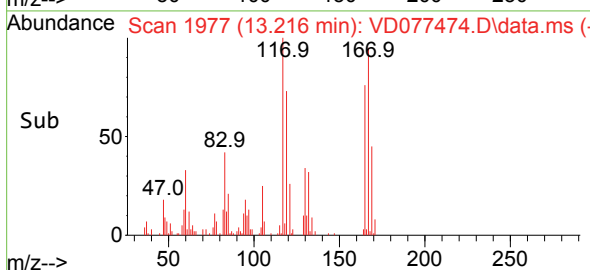
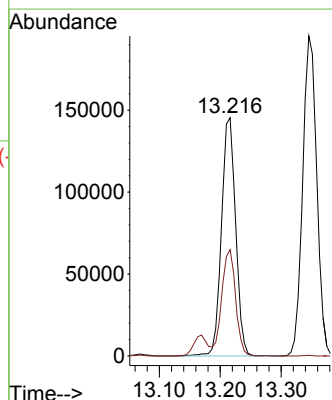
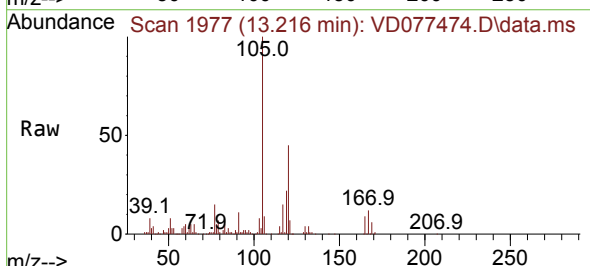
Acq: 01 Nov 2023 12:02

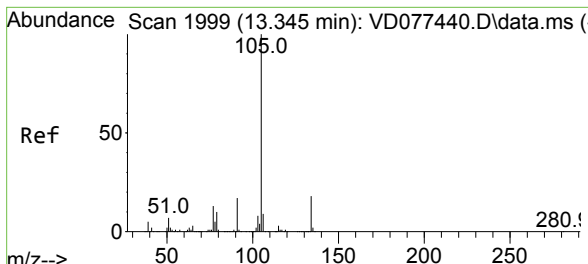
Tgt Ion:105 Resp: 235101

Ion Ratio Lower Upper

105 100

120 43.3 24.3 72.9

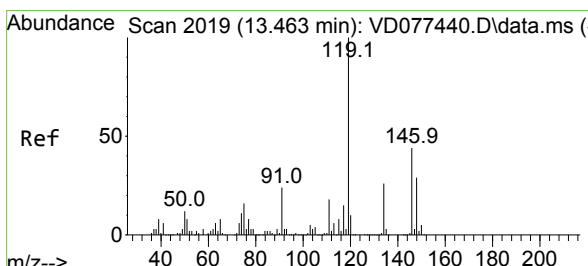
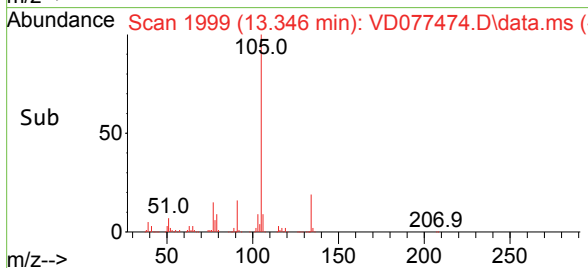
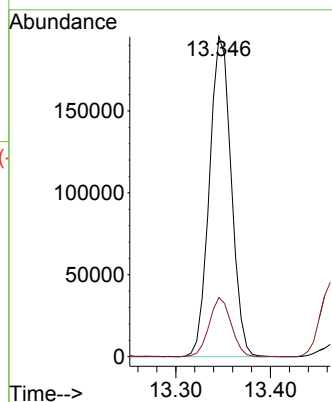
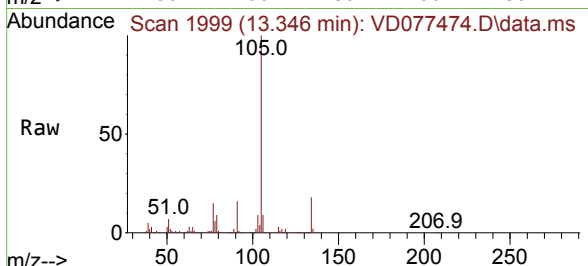




#85
 sec-Butylbenzene
 Concen: 19.903 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077474.D
 Acq: 01 Nov 2023 12:02

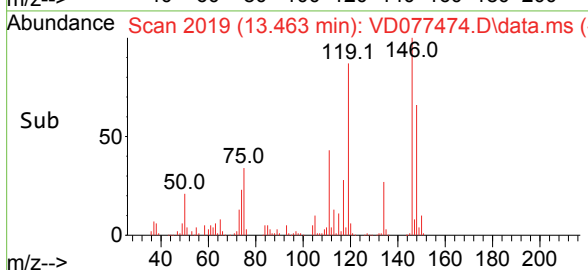
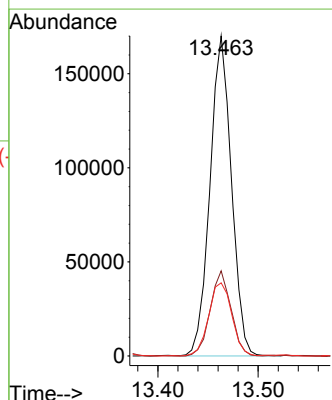
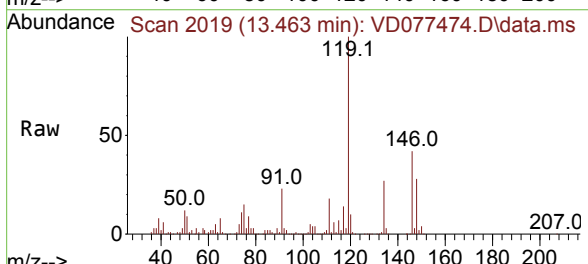
Instrument :
 MSVOA_D
 ClientSampleId :

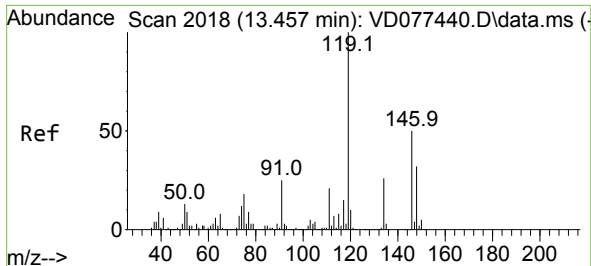
Tgt Ion:105 Resp: 313195
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.824 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077474.D
 Acq: 01 Nov 2023 12:02

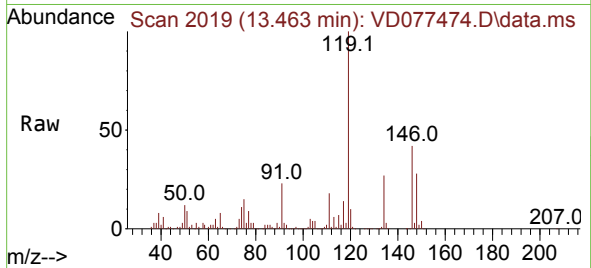
Tgt Ion:119 Resp: 253556
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 24.7 10.5 31.5



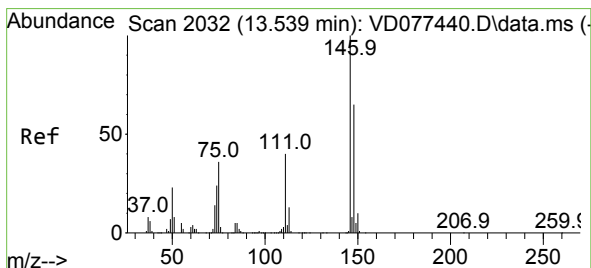
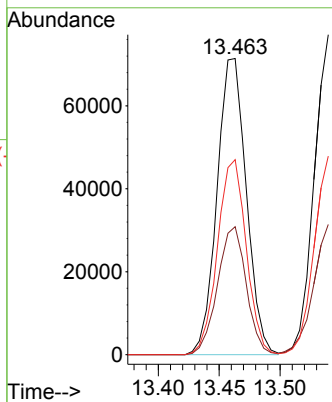
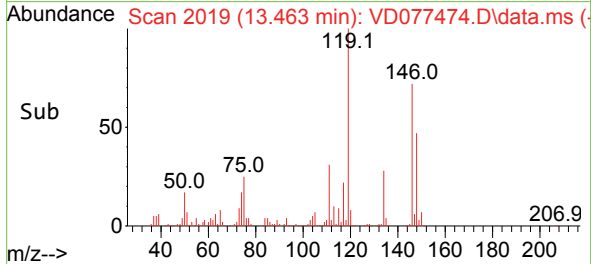


#87
1,3-Dichlorobenzene
Concen: 18.974 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

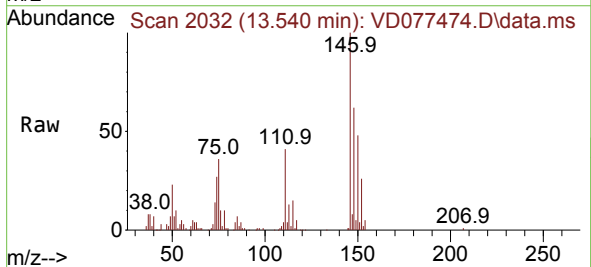
Instrument :
MSVOA_D
ClientSampleId :



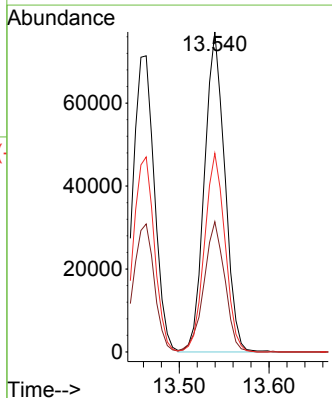
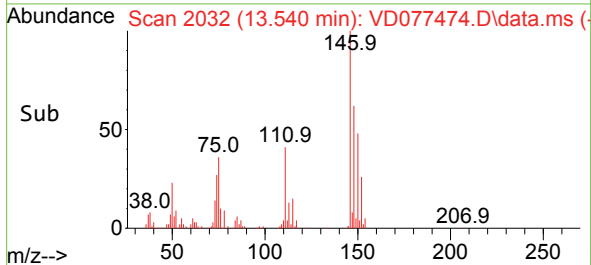
Tgt Ion:146 Resp: 119677
Ion Ratio Lower Upper
146 100
111 42.3 17.9 53.8
148 64.6 32.3 96.8

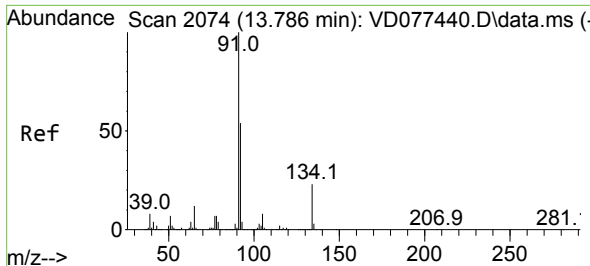


#88
1,4-Dichlorobenzene
Concen: 19.288 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02



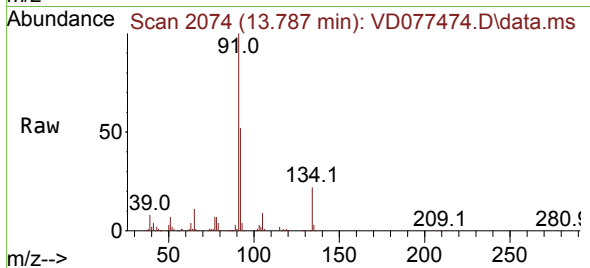
Tgt Ion:146 Resp: 121550
Ion Ratio Lower Upper
146 100
111 41.7 17.4 52.3
148 62.6 31.7 95.1



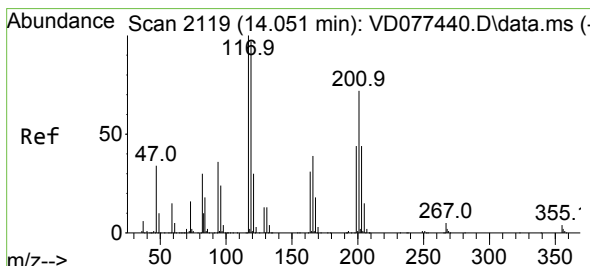
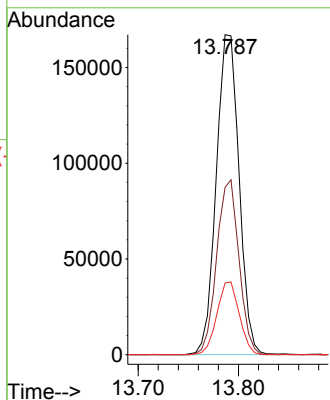
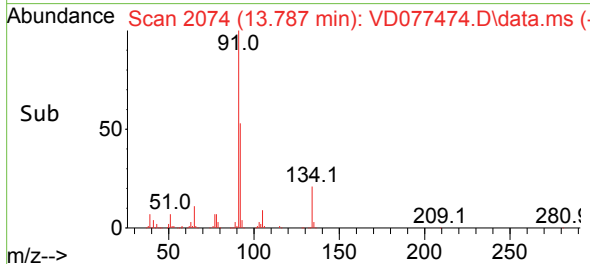


#89
n-Butylbenzene
Concen: 19.870 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :

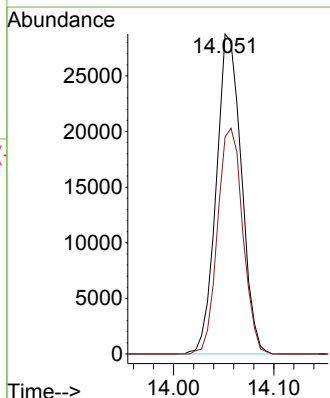
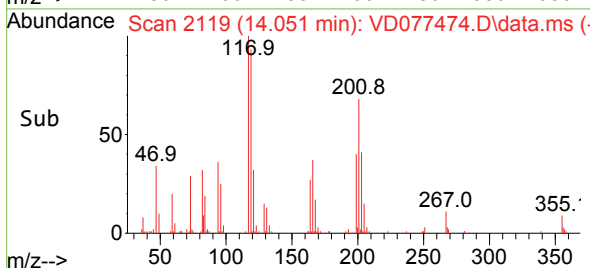
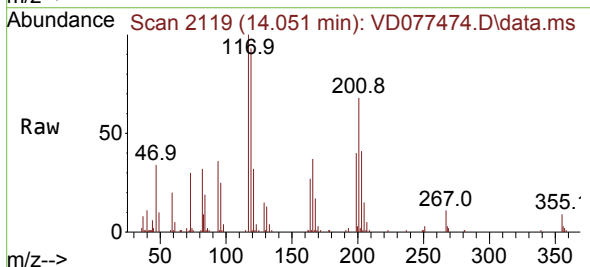


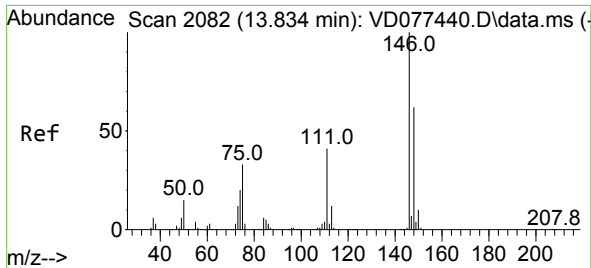
Tgt Ion: 91 Resp: 264153
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 22.3 13.8 41.3



#90
Hexachloroethane
Concen: 19.101 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

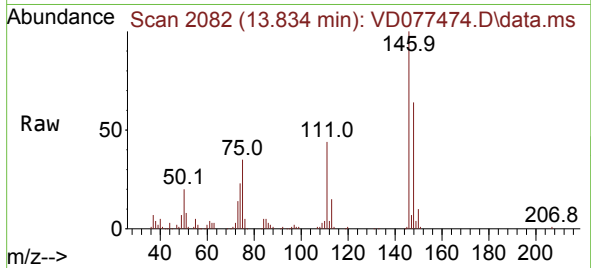
Tgt Ion: 117 Resp: 49994
Ion Ratio Lower Upper
117 100
201 70.9 38.5 115.5





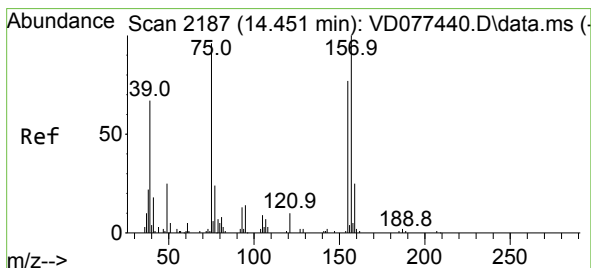
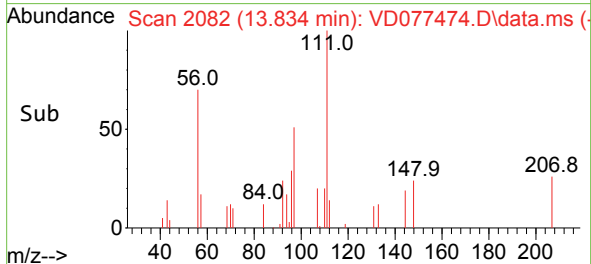
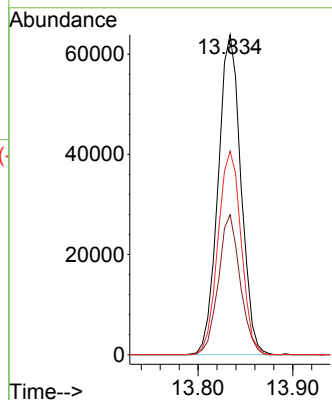
#91
 1,2-Dichlorobenzene
 Concen: 19.320 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077474.D
 Acq: 01 Nov 2023 12:02

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:146 Resp: 107096

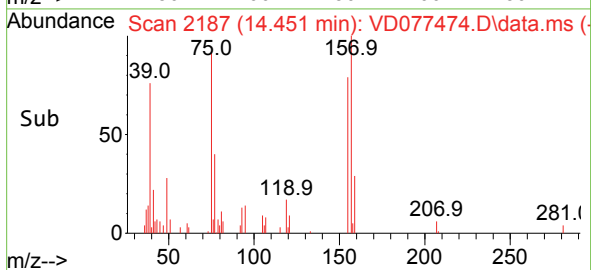
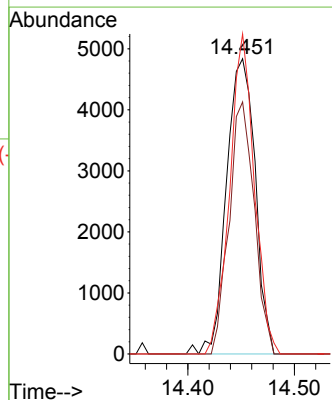
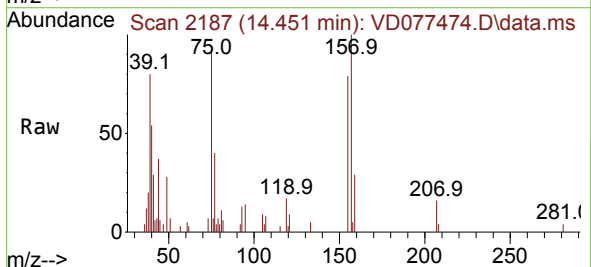
Ion	Ratio	Lower	Upper
146	100		
111	41.8	18.3	54.8
148	64.5	31.6	94.7

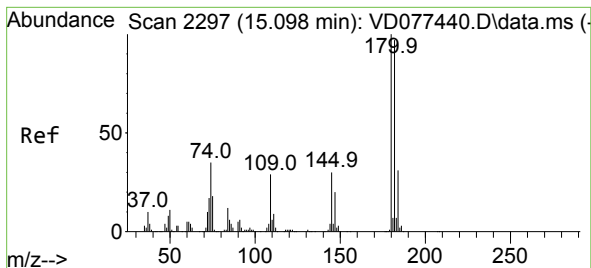


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.774 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.000 min
 Lab File: VD077474.D
 Acq: 01 Nov 2023 12:02

Tgt Ion: 75 Resp: 9038

Ion	Ratio	Lower	Upper
75	100		
155	75.1	47.9	143.8
157	93.5	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.540 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

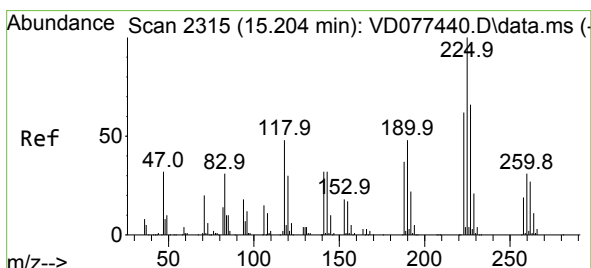
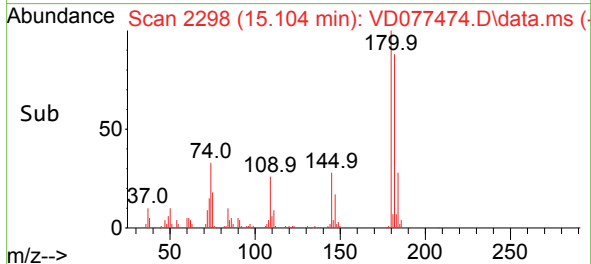
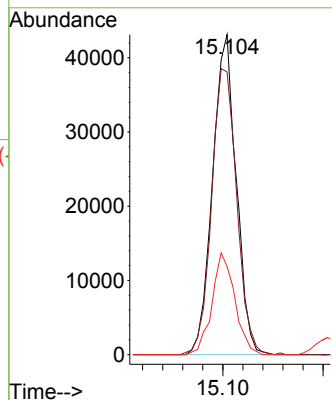
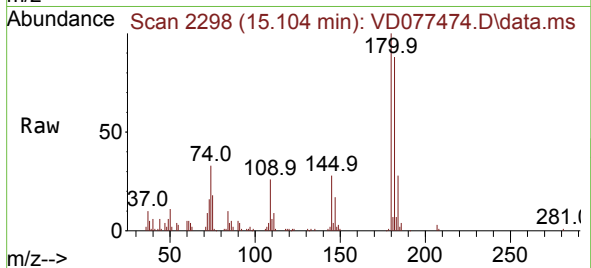
Tgt Ion:180 Resp: 70601

Ion Ratio Lower Upper

180 100

182 94.8 48.5 145.6

145 30.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.691 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077474.D

Acq: 01 Nov 2023 12:02

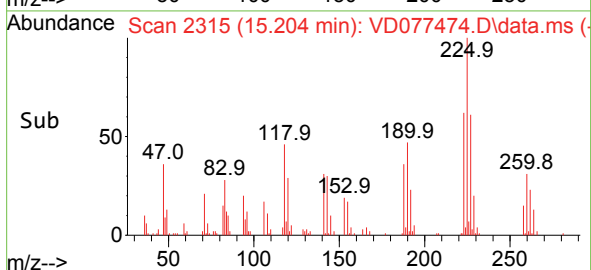
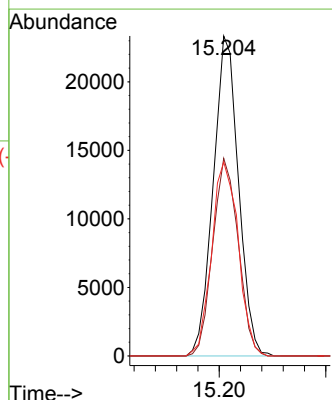
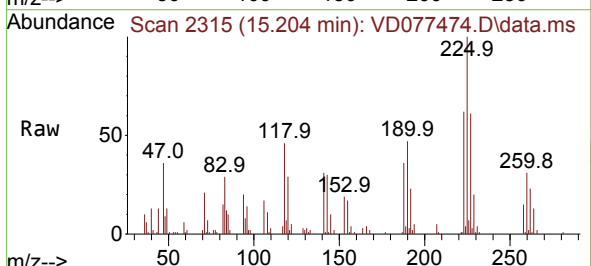
Tgt Ion:225 Resp: 38394

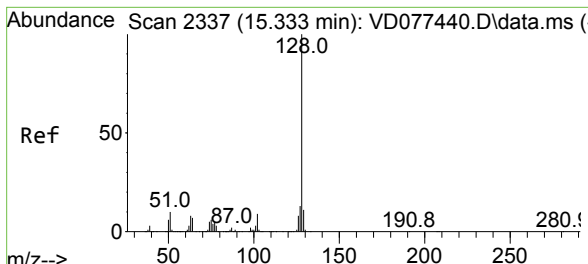
Ion Ratio Lower Upper

225 100

223 62.2 31.6 94.8

227 63.9 31.7 95.1

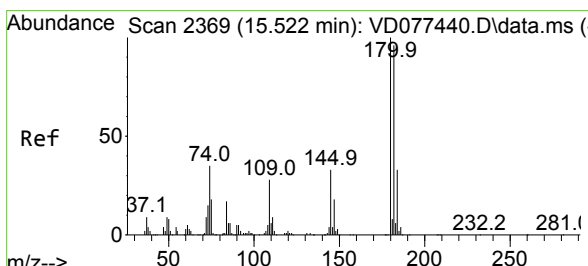
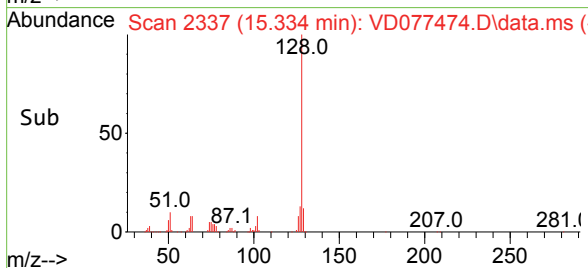
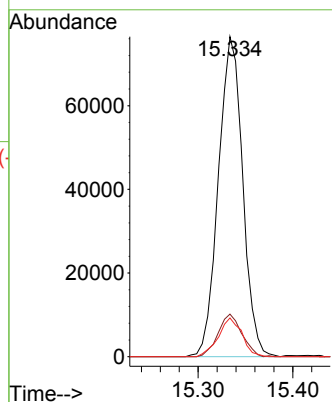
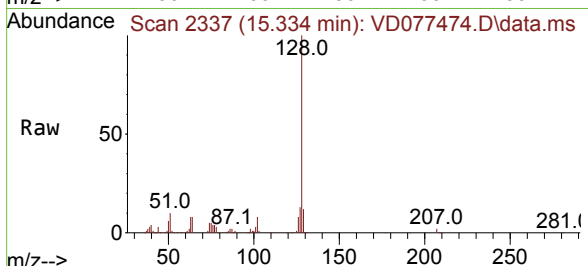




#95
Naphthalene
Concen: 18.784 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 136455
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 12.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.225 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD077474.D
Acq: 01 Nov 2023 12:02

Tgt Ion:180 Resp: 59906
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.9
145 33.2 15.1 45.3

