

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077454.D
 Acq On : 31 Oct 2023 11:48
 Operator : JC/SY
 Sample : VD1031SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 01 06:03:05 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	294180	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	521480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	457122	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	205173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	185189	44.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.040%
35) Dibromofluoromethane	7.810	113	159682	44.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.600%
50) Toluene-d8	10.269	98	631376	45.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.200%
62) 4-Bromofluorobenzene	12.575	95	206189	43.728	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.460%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	47531	20.038	ug/l	99
3) Chloromethane	2.152	50	72062	19.135	ug/l	99
4) Vinyl Chloride	2.287	62	74102	20.178	ug/l	99
5) Bromomethane	2.693	94	37894	19.692	ug/l	98
6) Chloroethane	2.840	64	49419	19.987	ug/l	90
7) Trichlorofluoromethane	3.175	101	100280	19.499	ug/l	98
8) Diethyl Ether	3.593	74	35823	19.378	ug/l #	47
9) 1,1,2-Trichlorotrifluo...	3.969	101	63253	20.373	ug/l	93
10) Methyl Iodide	4.169	142	56111	16.558	ug/l #	88
11) Tert butyl alcohol	5.046	59	32459	98.505	ug/l #	94
12) 1,1-Dichloroethene	3.946	96	55665	18.939	ug/l #	62
13) Acrolein	3.805	56	47024	108.217	ug/l	100
14) Allyl chloride	4.563	41	136571	19.261	ug/l #	83
15) Acrylonitrile	5.252	53	103116	103.185	ug/l	99
16) Acetone	4.022	43	102295	92.932	ug/l #	78
17) Carbon Disulfide	4.275	76	119268	15.923	ug/l	100
18) Methyl Acetate	4.569	43	78109	19.454	ug/l #	75
19) Methyl tert-butyl Ether	5.316	73	183162	19.853	ug/l #	88
20) Methylene Chloride	4.805	84	80312	17.853	ug/l #	62
21) trans-1,2-Dichloroethene	5.316	96	63999	18.696	ug/l #	71
22) Diisopropyl ether	6.216	45	299500	19.874	ug/l #	87
23) Vinyl Acetate	6.157	43	765183	117.694	ug/l #	82
24) 1,1-Dichloroethane	6.110	63	152557	19.510	ug/l	92
25) 2-Butanone	7.081	43	147472	100.442	ug/l #	70
26) 2,2-Dichloropropane	7.075	77	134738	19.443	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	81431	19.201	ug/l	67
28) Bromochloromethane	7.428	49	55604	17.130	ug/l #	52
29) Tetrahydrofuran	7.446	42	87220	100.162	ug/l #	70
30) Chloroform	7.599	83	142283	19.488	ug/l	97
31) Cyclohexane	7.881	56	121628	18.704	ug/l #	76
32) 1,1,1-Trichloroethane	7.793	97	120832	20.087	ug/l	94
36) 1,1-Dichloropropene	8.010	75	102441	19.170	ug/l	92
37) Ethyl Acetate	7.163	43	61702	20.119	ug/l #	88
38) Carbon Tetrachloride	7.993	117	94475	18.761	ug/l	99
39) Methylcyclohexane	9.275	83	111383	18.267	ug/l #	74
40) Benzene	8.252	78	296850	19.481	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	35281	17.979	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	96159	19.924	ug/l	90
43) Isopropyl Acetate	8.357	43	128667	20.331	ug/l #	79
44) Trichloroethene	9.028	130	72126	19.323	ug/l	85
45) 1,2-Dichloropropane	9.304	63	91518	20.400	ug/l	97
46) Dibromomethane	9.399	93	41027	19.003	ug/l	89
47) Bromodichloromethane	9.587	83	110864	19.428	ug/l	98
48) Methyl methacrylate	9.381	41	61299	20.291	ug/l #	62
49) 1,4-Dioxane	9.381	88	9477	408.513	ug/l #	58
51) 4-Methyl-2-Pentanone	10.157	43	312589	100.347	ug/l #	81
52) Toluene	10.334	92	181902	19.581	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	118472	19.606	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	136107	19.574	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	56668	19.674	ug/l	95
56) Ethyl methacrylate	10.598	69	84167	19.653	ug/l #	61
57) 1,3-Dichloropropane	10.881	76	106569	19.794	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	199942	93.255	ug/l #	83
59) 2-Hexanone	10.922	43	226549	98.723	ug/l	76
60) Dibromochloromethane	11.075	129	67696	19.545	ug/l	96
61) 1,2-Dibromoethane	11.181	107	52429	19.221	ug/l	97
64) Tetrachloroethene	10.810	164	54393	18.690	ug/l	92
65) Chlorobenzene	11.610	112	187564	19.585	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	69312	19.152	ug/l	98
67) Ethyl Benzene	11.687	91	367027	19.918	ug/l	94
68) m/p-Xylenes	11.792	106	261613	39.317	ug/l	79
69) o-Xylene	12.122	106	125890	19.752	ug/l	78
70) Styrene	12.140	104	216203	19.663	ug/l #	90
71) Bromoform	12.298	173	38280	19.079	ug/l #	99
73) Isopropylbenzene	12.422	105	342267	20.461	ug/l	95
74) N-amyl acetate	12.234	43	123084	20.773	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	70396	21.468	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	92273	36.951	ug/l #	100
77) Bromobenzene	12.704	156	71411	19.394	ug/l	68
78) n-propylbenzene	12.763	91	437275	20.587	ug/l	92
79) 2-Chlorotoluene	12.851	91	242809	20.190	ug/l	87
80) 1,3,5-Trimethylbenzene	12.904	105	285079	20.310	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	26278	20.327	ug/l	87
82) 4-Chlorotoluene	12.951	91	251232	20.055	ug/l	86
83) tert-Butylbenzene	13.169	119	238543	20.214	ug/l	87
84) 1,2,4-Trimethylbenzene	13.216	105	282901	20.290	ug/l	91
85) sec-Butylbenzene	13.345	105	373097	20.663	ug/l	94
86) p-Isopropyltoluene	13.463	119	304871	20.773	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	142382	19.672	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	144041	19.919	ug/l	95
89) n-Butylbenzene	13.787	91	321303	21.063	ug/l	97
90) Hexachloroethane	14.057	117	60577	20.170	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	126307	19.858	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	11121	20.132	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	83928	19.207	ug/l	98
94) Hexachlorobutadiene	15.204	225	46096	19.557	ug/l	99
95) Naphthalene	15.333	128	163568	19.622	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	72398	19.194	ug/l	98

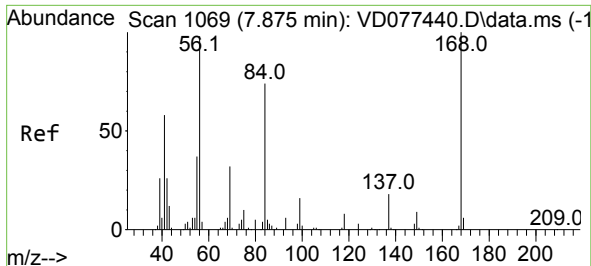
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Response via : Initial Calibration

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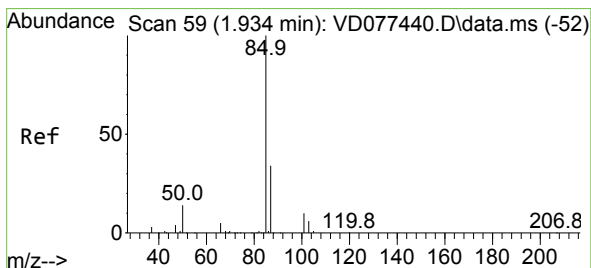
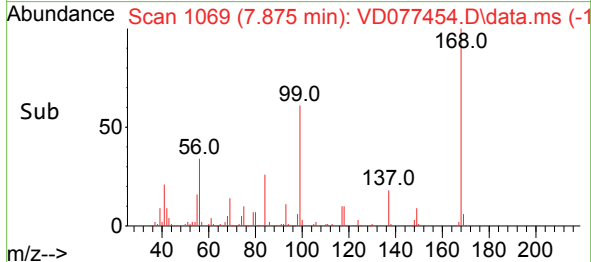
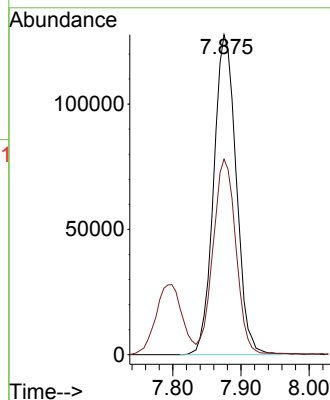
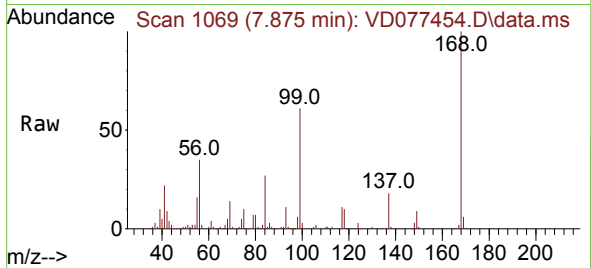
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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Acq: 31 Oct 2023 11:48

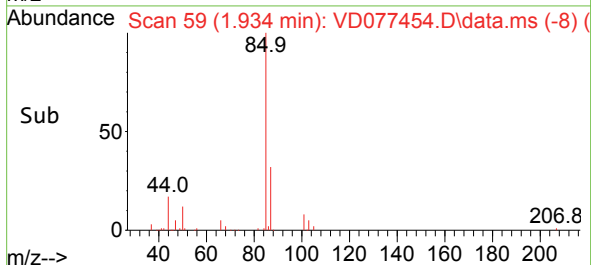
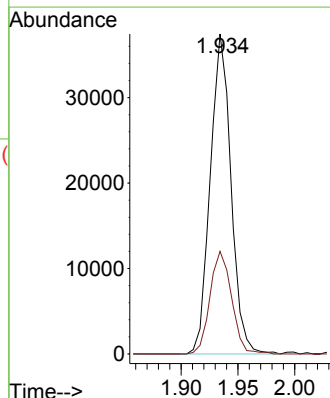
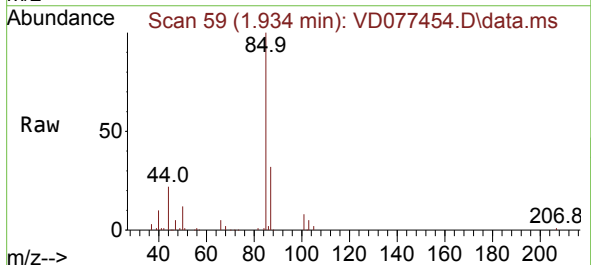
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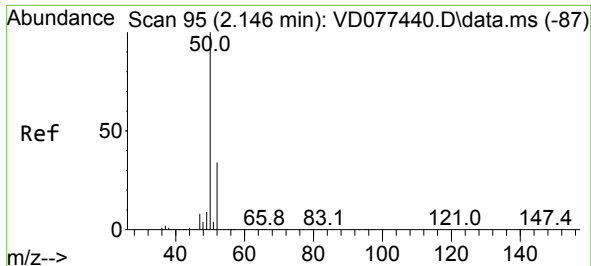
Tgt Ion:168 Resp: 294180
Ion Ratio Lower Upper
168 100
99 60.7 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 20.038 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 85 Resp: 47531
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0

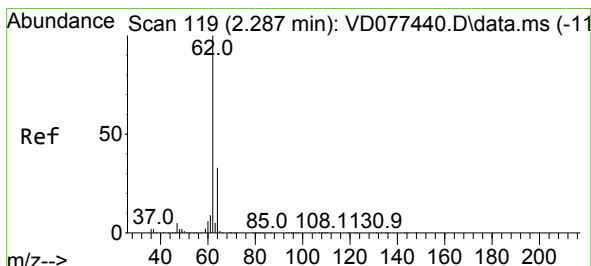
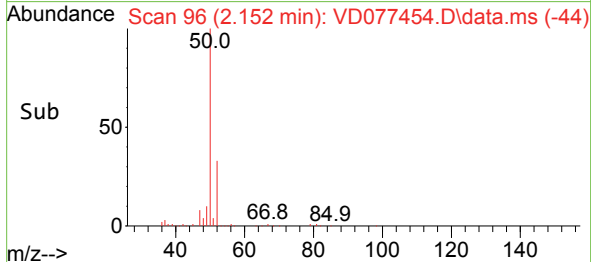
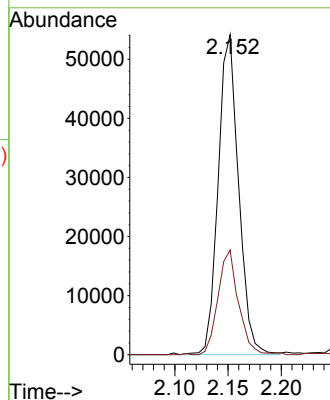
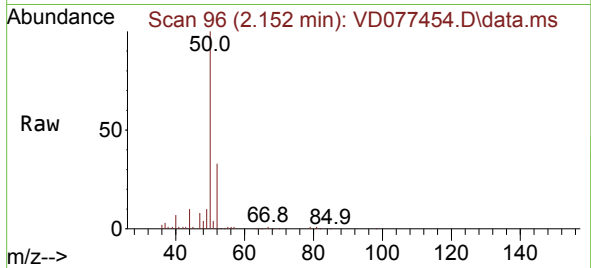




#3
Chloromethane
Concen: 19.135 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

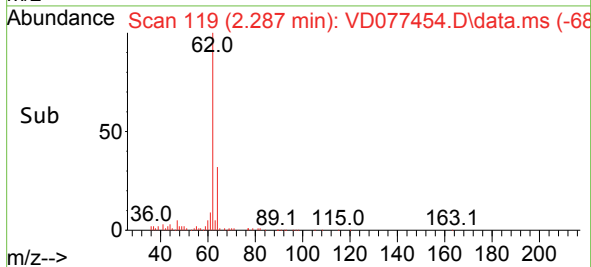
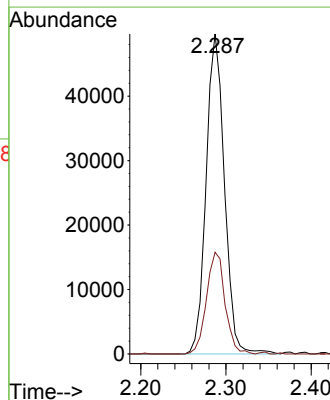
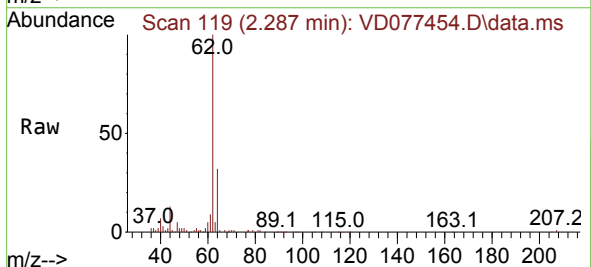
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ClientSampleId :

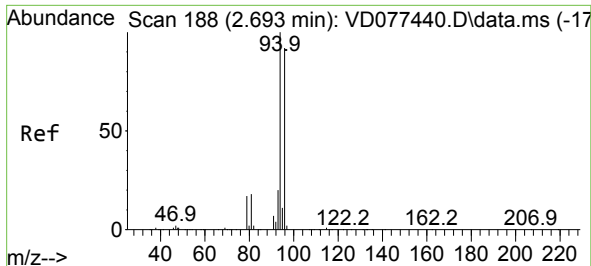
Tgt Ion: 50 Resp: 72062
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0



#4
Vinyl Chloride
Concen: 20.178 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 62 Resp: 74102
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0

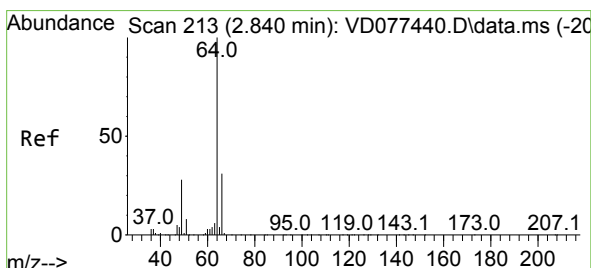
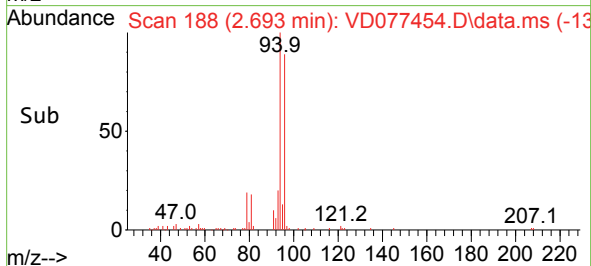
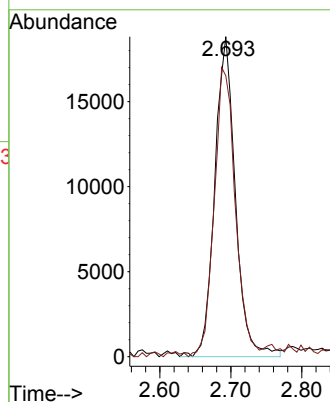
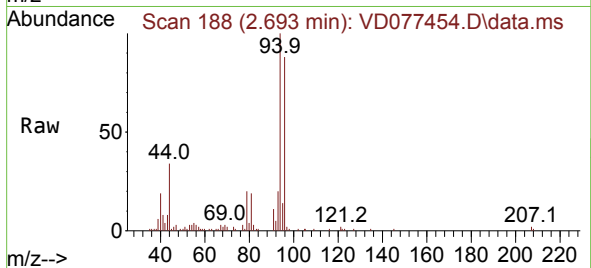




#5
Bromomethane
Concen: 19.692 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

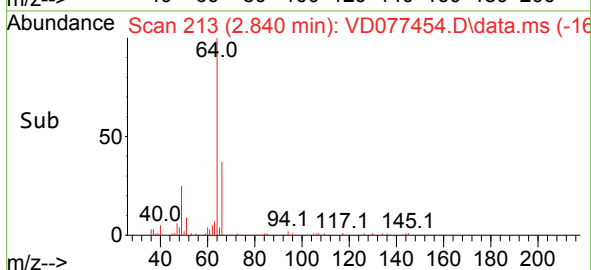
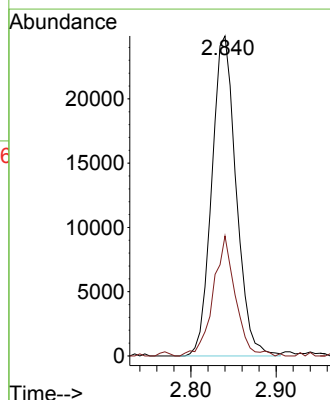
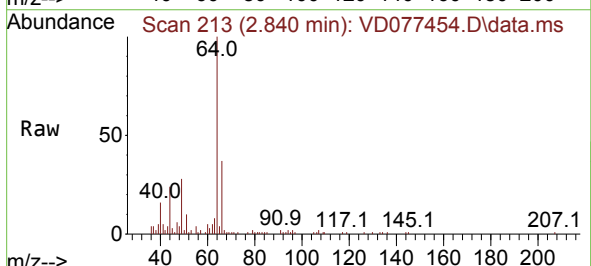
Instrument :
MSVOA_D
ClientSampleId :

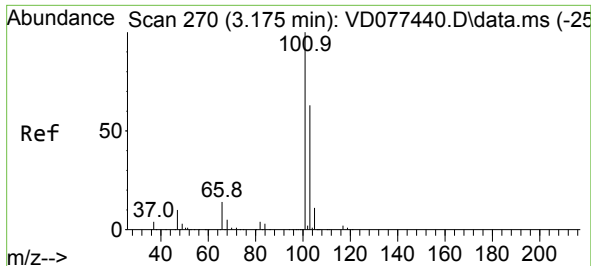
Tgt Ion: 94 Resp: 37894
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.8



#6
Chloroethane
Concen: 19.987 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 64 Resp: 49419
Ion Ratio Lower Upper
64 100
66 37.5 25.5 38.3

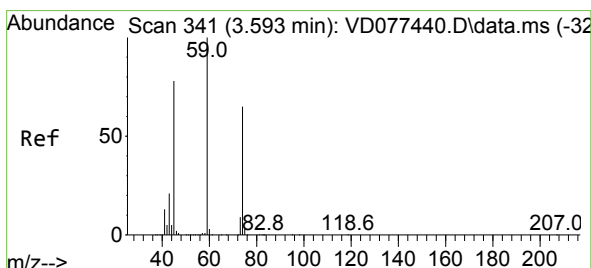
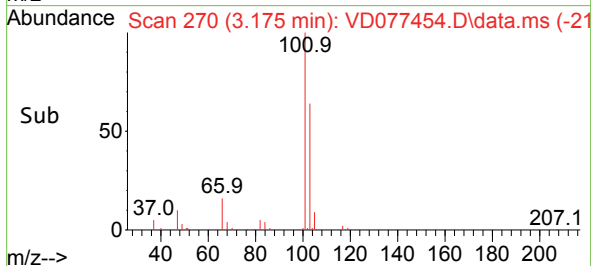
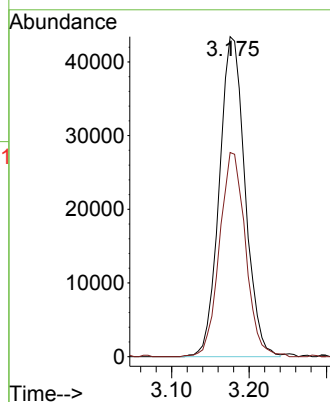
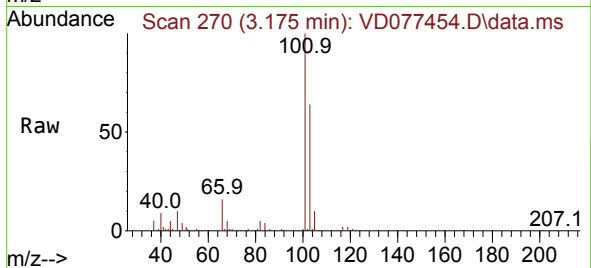




#7
 Trichlorofluoromethane
 Concen: 19.499 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

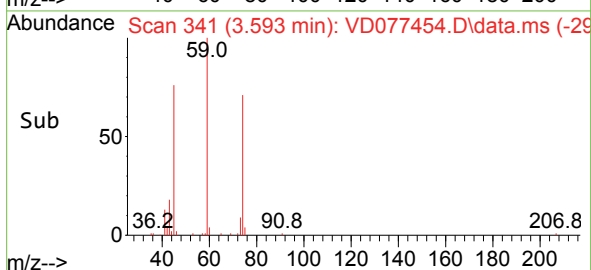
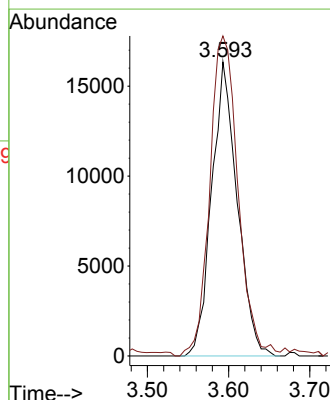
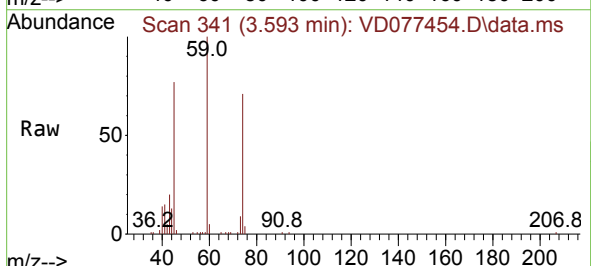
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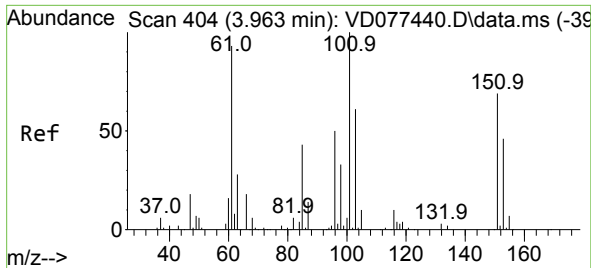
Tgt Ion:101 Resp: 100280
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.378 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

Tgt Ion: 74 Resp: 35823
 Ion Ratio Lower Upper
 74 100
 45 120.0 37.5 112.7#

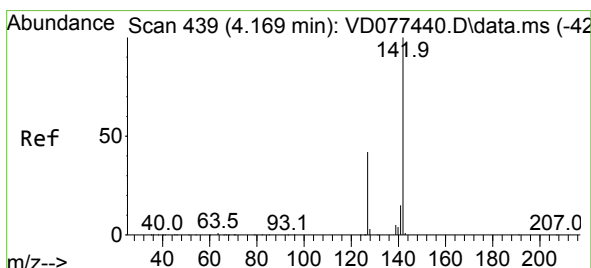
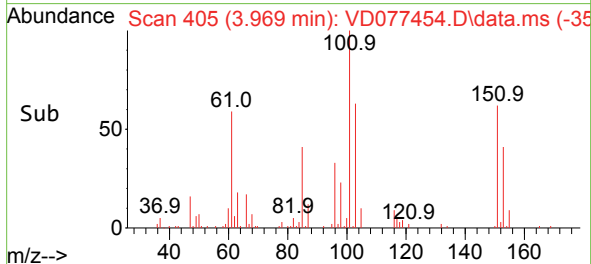
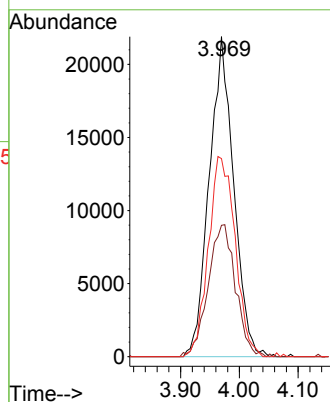
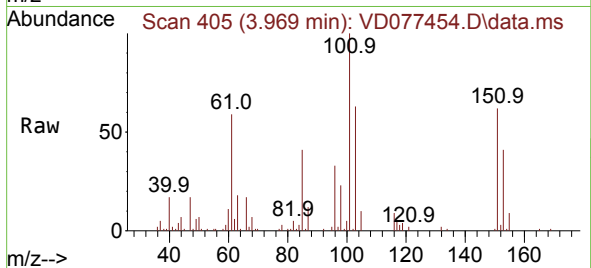




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.373 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077454.D
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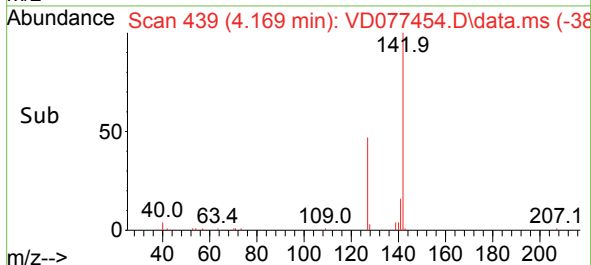
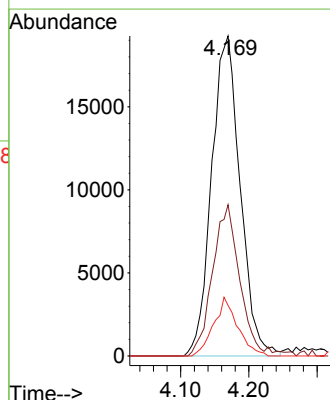
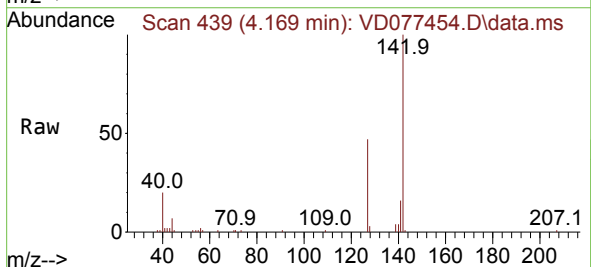
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ClientSampleId :

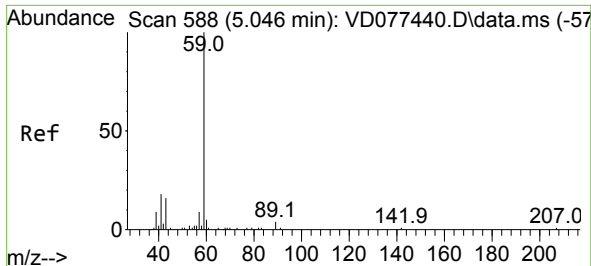
Tgt Ion:101 Resp: 63253
Ion Ratio Lower Upper
101 100
85 46.3 33.8 50.6
151 68.5 59.8 89.6



#10
Methyl Iodide
Concen: 16.558 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion:142 Resp: 56111
Ion Ratio Lower Upper
142 100
127 45.5 29.4 44.0#
141 15.4 11.1 16.7

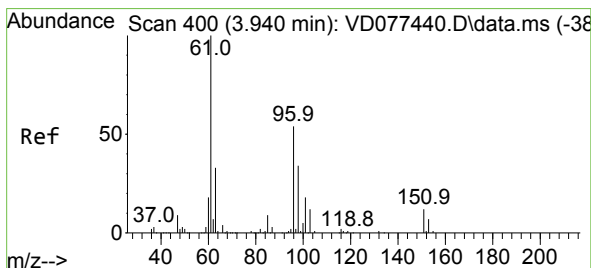
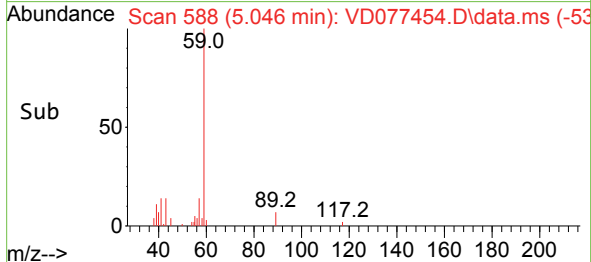
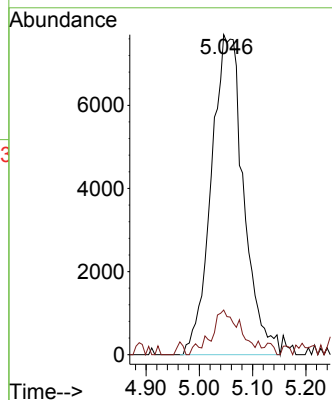
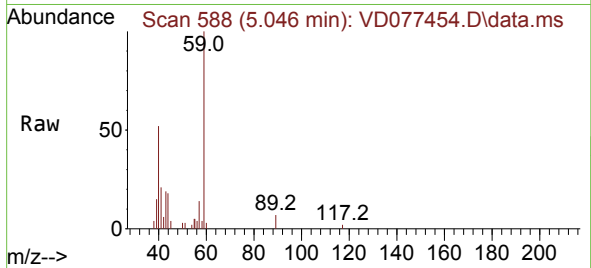




#11
Tert butyl alcohol
Concen: 98.505 ug/l
RT: 5.046 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

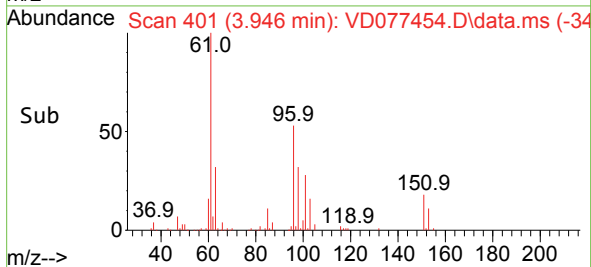
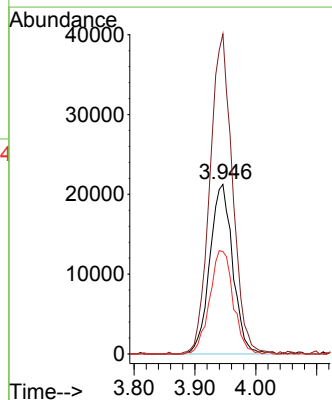
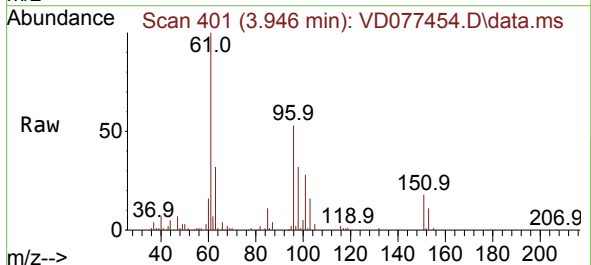
Instrument :
MSVOA_D
ClientSampleId :

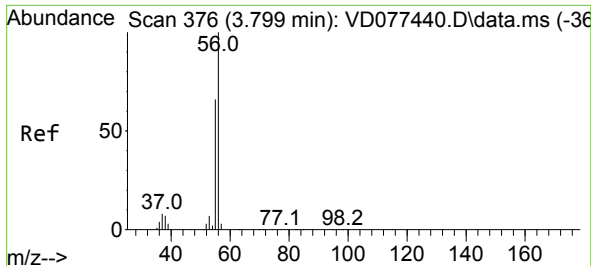
Tgt Ion: 59 Resp: 32459
Ion Ratio Lower Upper
59 100
57 12.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.939 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 96 Resp: 55665
Ion Ratio Lower Upper
96 100
61 188.6 100.6 150.8#
98 60.4 50.2 75.2





#13

Acrolein

Concen: 108.217 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

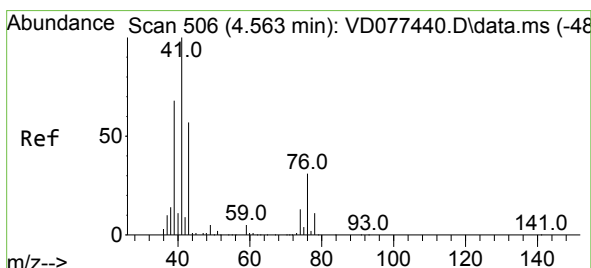
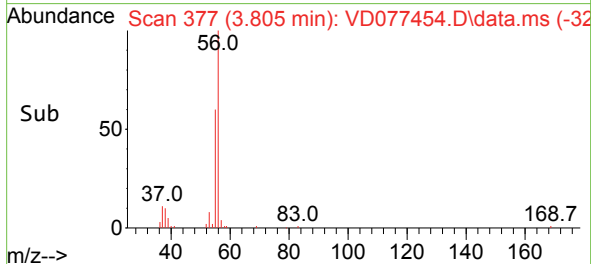
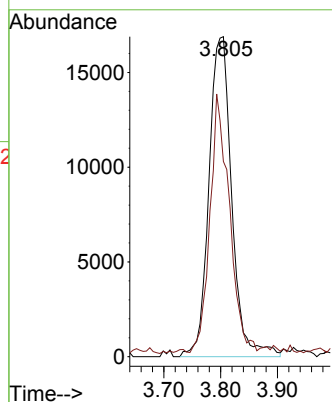
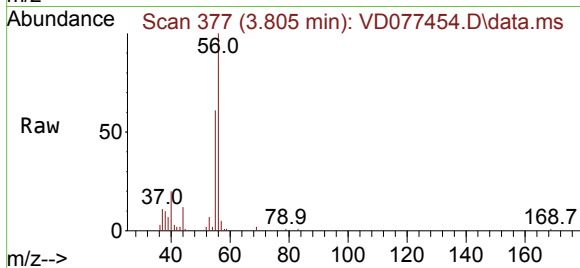
ClientSampleId :

Tgt Ion: 56 Resp: 47024

Ion Ratio Lower Upper

56 100

55 68.9 55.1 82.7



#14

Allyl chloride

Concen: 19.261 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

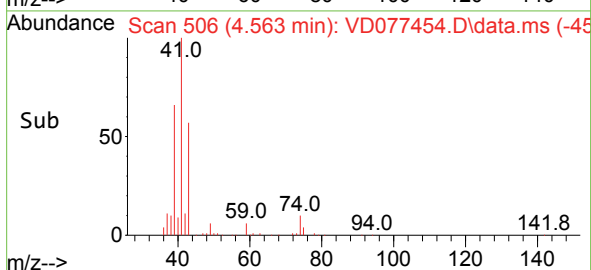
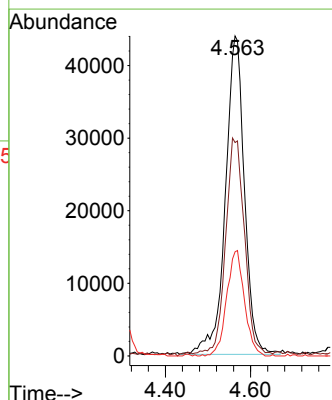
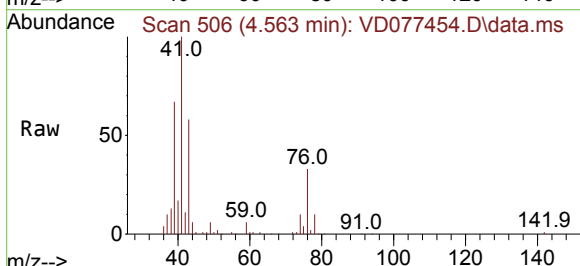
Tgt Ion: 41 Resp: 136571

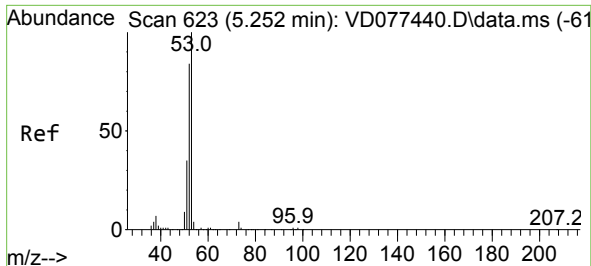
Ion Ratio Lower Upper

41 100

39 66.3 53.8 80.6

76 31.0 45.8 68.8#

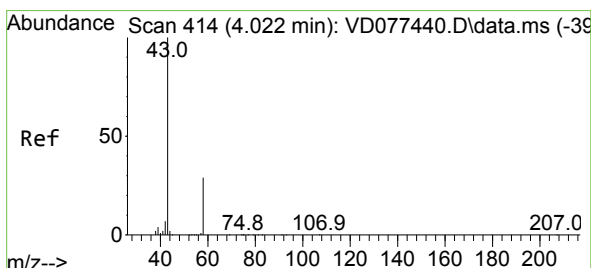
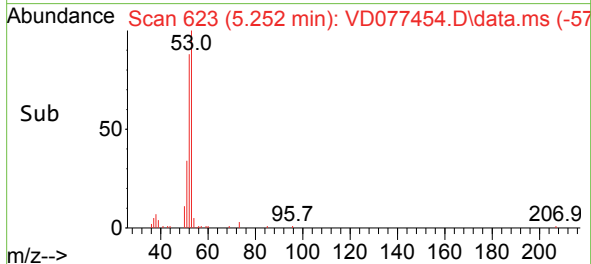
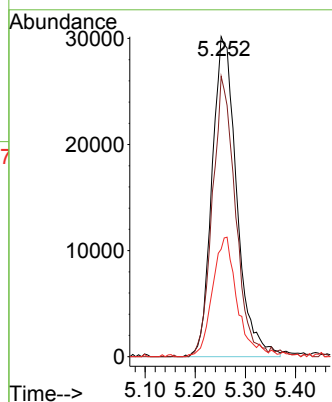
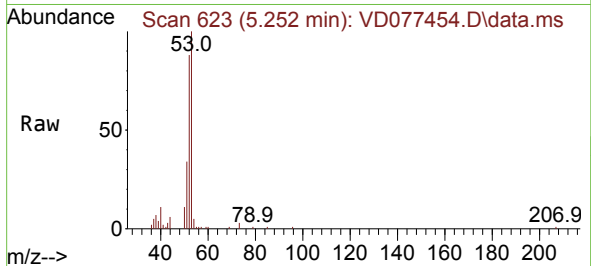




#15
Acrylonitrile
Concen: 103.185 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

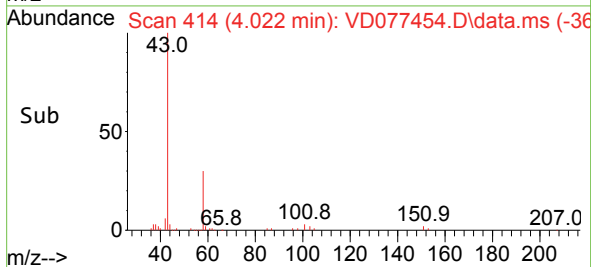
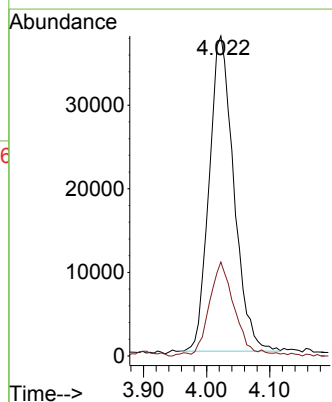
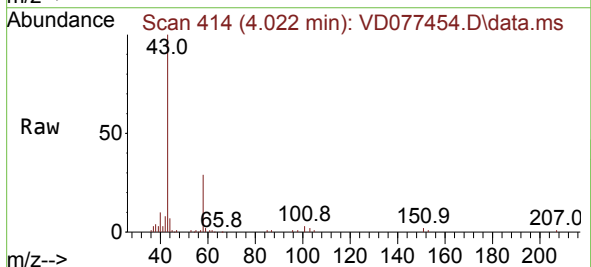
Instrument :
MSVOA_D
ClientSampleId :

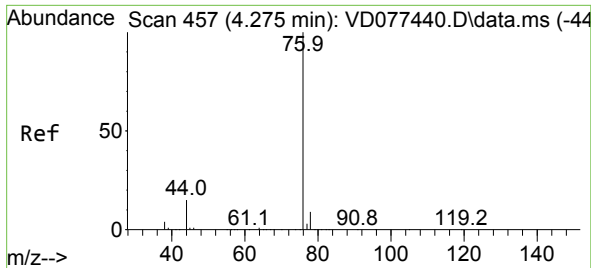
Tgt Ion: 53 Resp: 103116
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.4
51 37.2 28.3 42.5



#16
Acetone
Concen: 92.932 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 43 Resp: 102295
Ion Ratio Lower Upper
43 100
58 29.2 34.7 52.1#

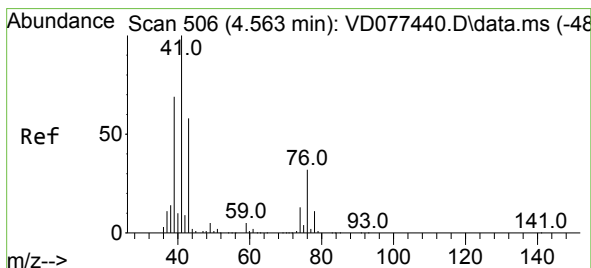
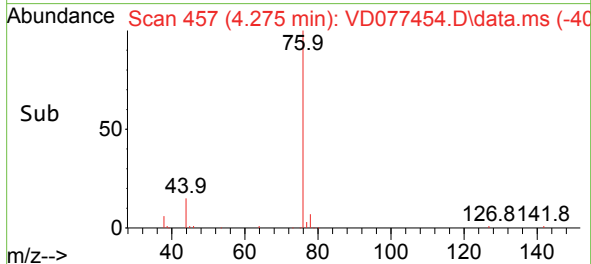
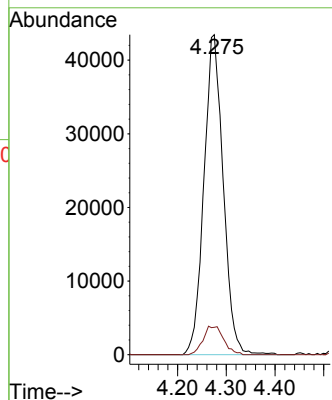
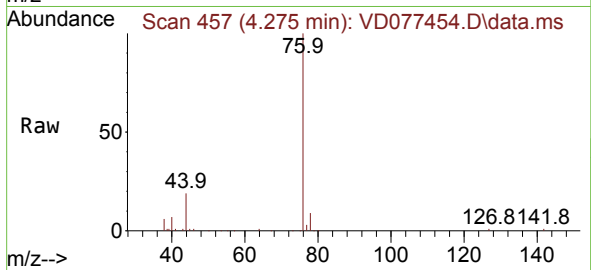




#17
Carbon Disulfide
Concen: 15.923 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

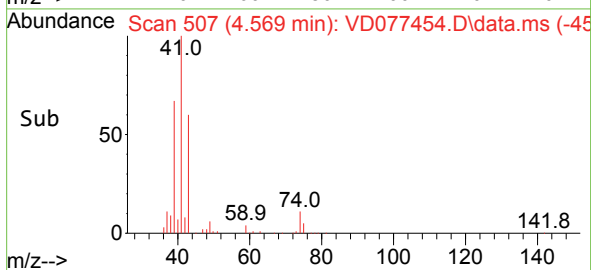
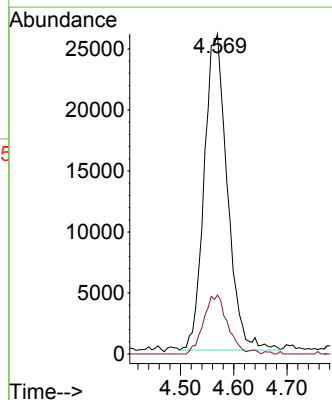
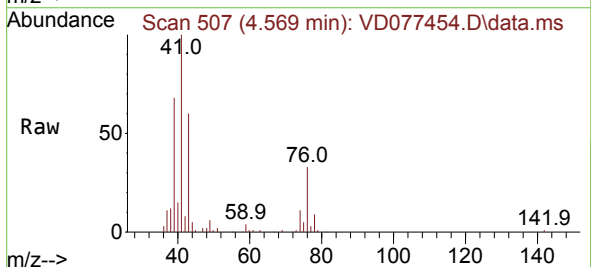
Instrument :
MSVOA_D
ClientSampleId :

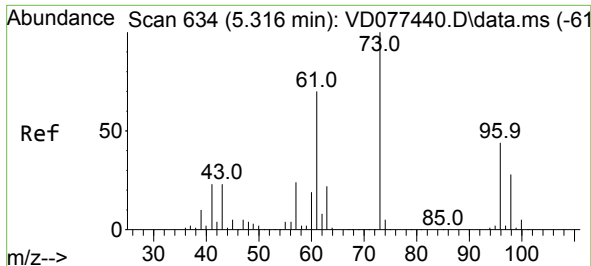
Tgt Ion: 76 Resp: 119268
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 19.454 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 43 Resp: 78109
Ion Ratio Lower Upper
43 100
74 19.0 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 19.853 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

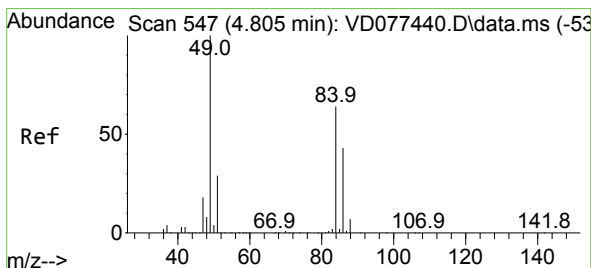
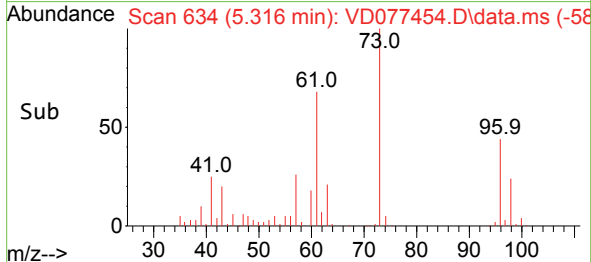
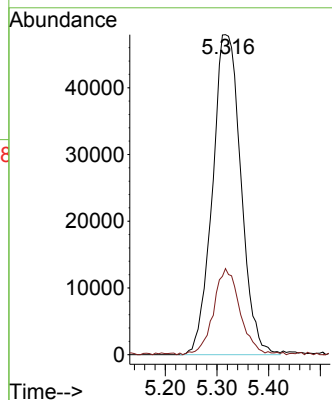
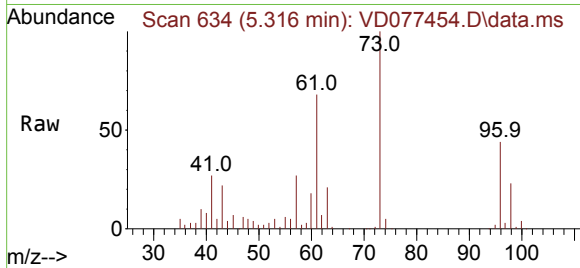
ClientSampleId :

Tgt Ion: 73 Resp: 183162

Ion Ratio Lower Upper

73 100

57 26.5 16.6 25.0#



#20

Methylene Chloride

Concen: 17.853 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Tgt Ion: 84 Resp: 80312

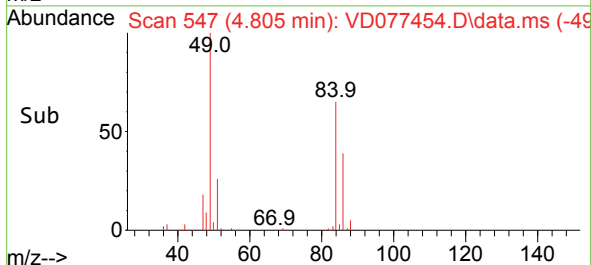
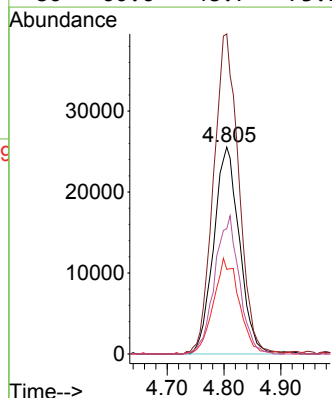
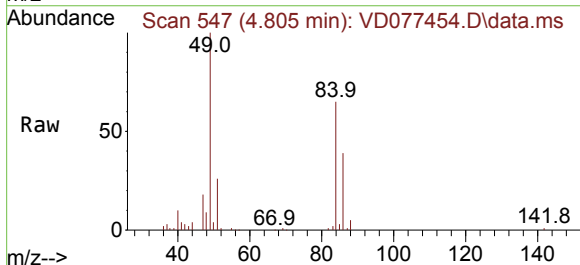
Ion Ratio Lower Upper

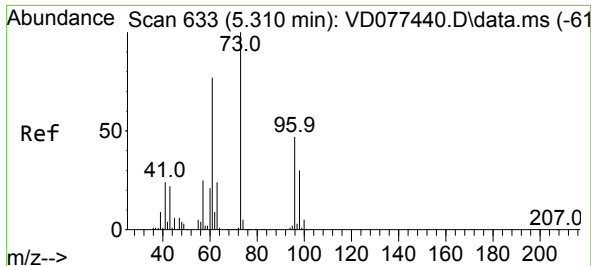
84 100

49 154.7 71.4 107.2#

51 40.9 24.5 36.7#

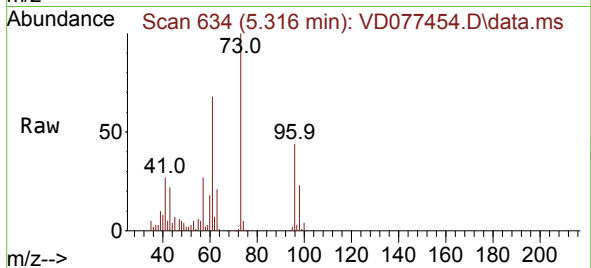
86 60.6 48.7 73.1



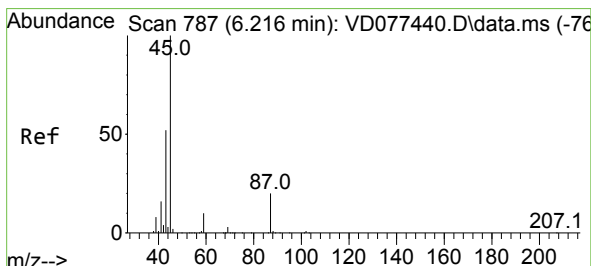
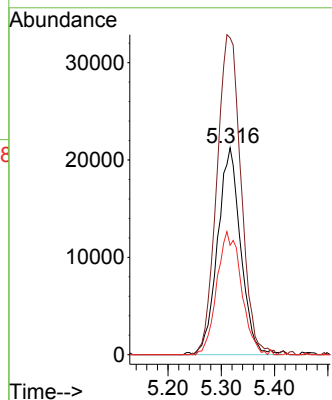
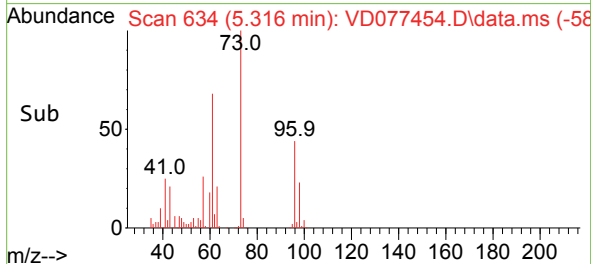


#21
trans-1,2-Dichloroethene
Concen: 18.696 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :

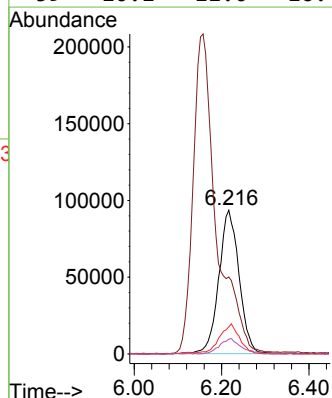
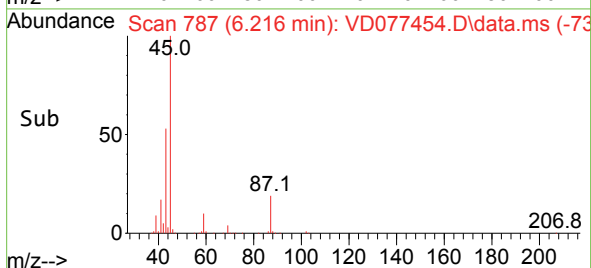
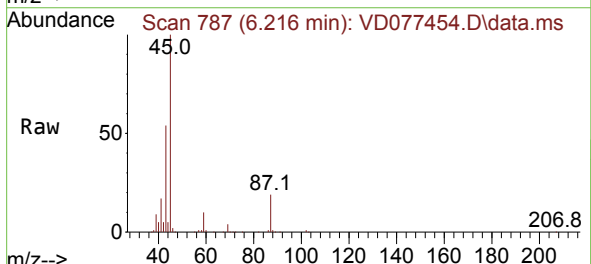


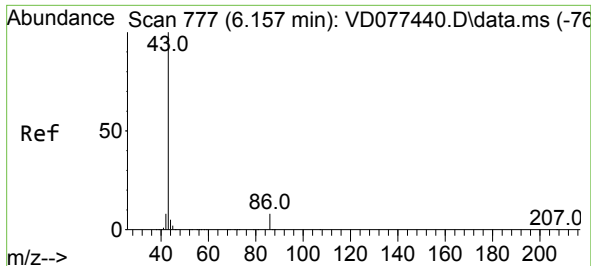
Tgt Ion: 96 Resp: 63999
Ion Ratio Lower Upper
96 100
61 153.1 89.3 133.9#
98 52.9 48.6 73.0



#22
Diisopropyl ether
Concen: 19.874 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 45 Resp: 299500
Ion Ratio Lower Upper
45 100
43 52.7 40.0 60.0
87 19.0 28.2 42.4#
59 10.1 11.0 16.4#

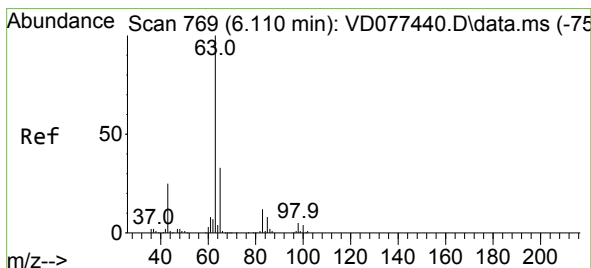
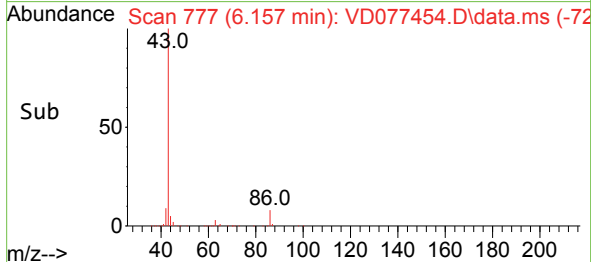
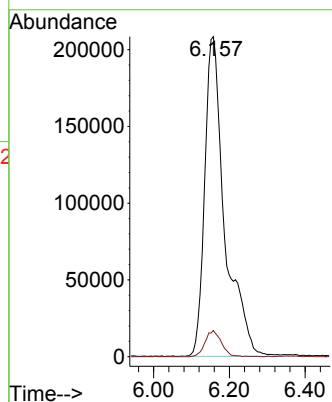
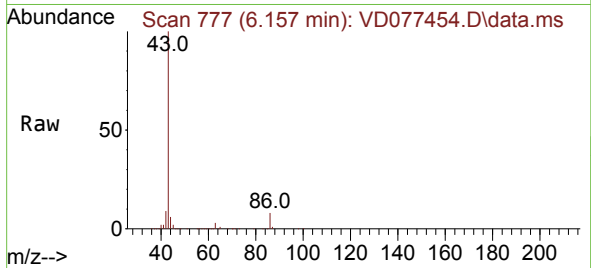




#23
 Vinyl Acetate
 Concen: 117.694 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

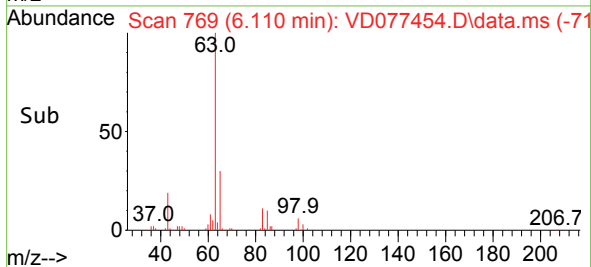
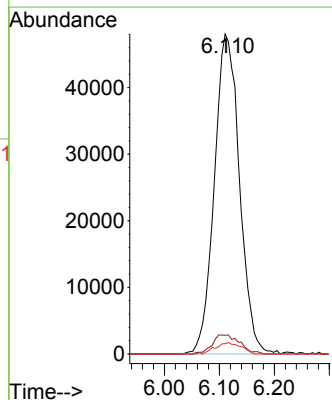
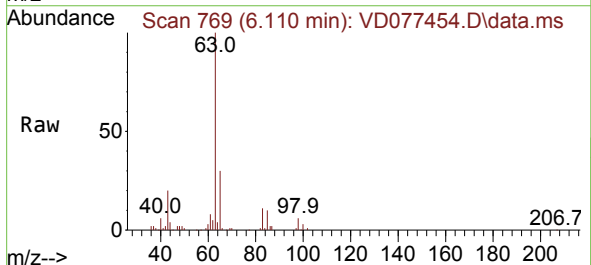
Instrument :
 MSVOA_D
 ClientSampleId :

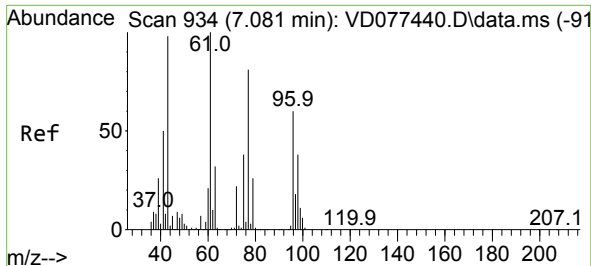
Tgt Ion: 43 Resp: 765183
 Ion Ratio Lower Upper
 43 100
 86 8.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.510 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

Tgt Ion: 63 Resp: 152557
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.5 13.7
 100 3.2 2.5 7.5

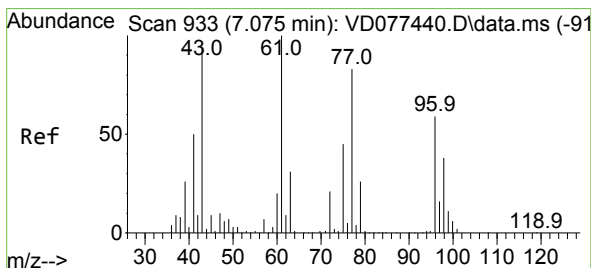
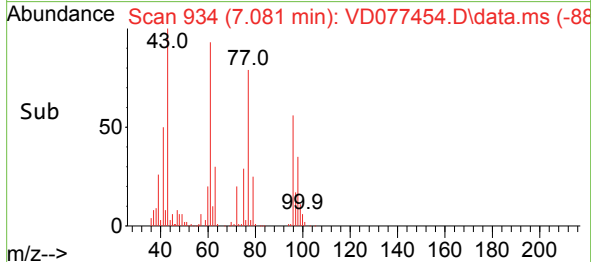
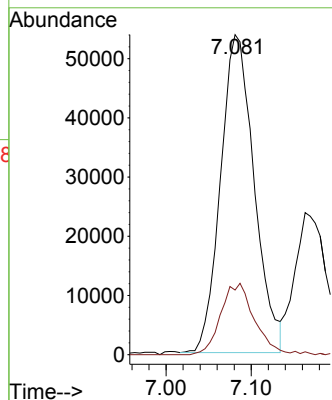
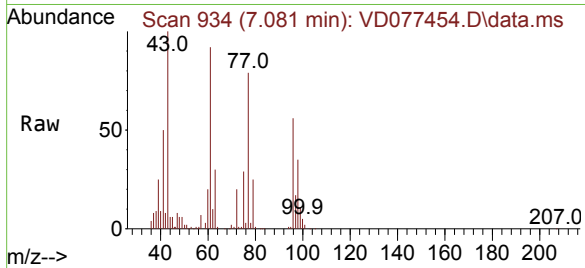




#25
2-Butanone
Concen: 100.442 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

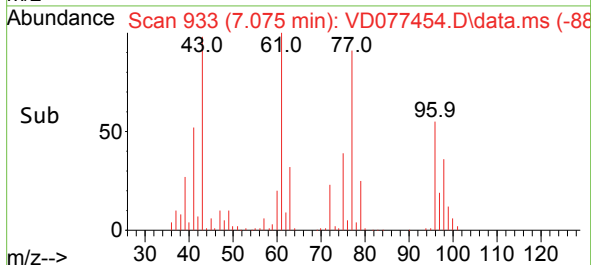
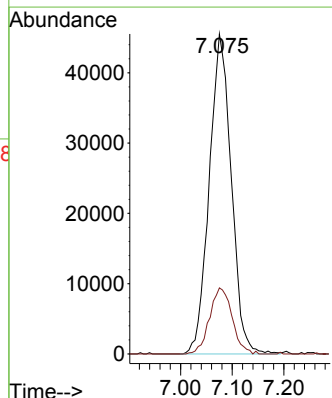
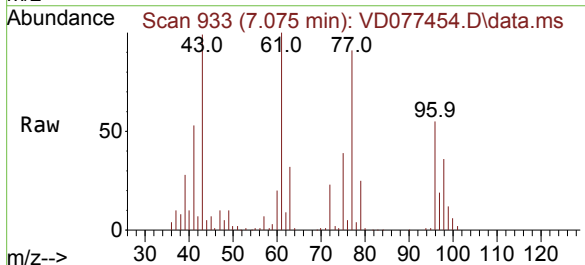
Instrument :
MSVOA_D
ClientSampleId :

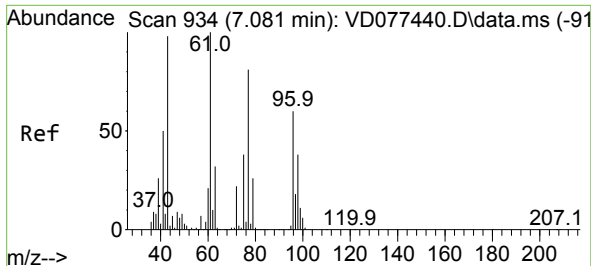
Tgt Ion: 43 Resp: 147472
Ion Ratio Lower Upper
43 100
72 20.3 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 19.443 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

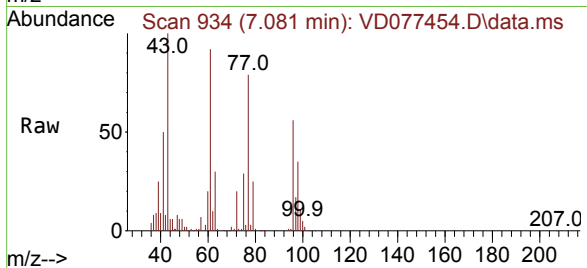
Tgt Ion: 77 Resp: 134738
Ion Ratio Lower Upper
77 100
97 21.2 13.2 39.6



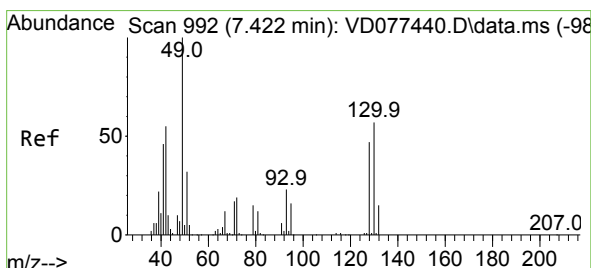
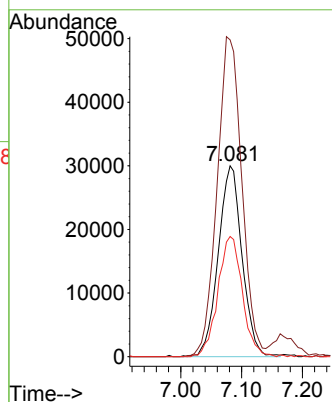
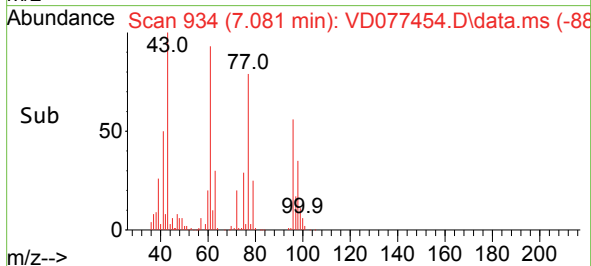


#27
cis-1,2-Dichloroethene
Concen: 19.201 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :

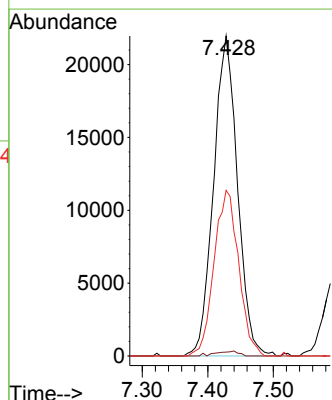
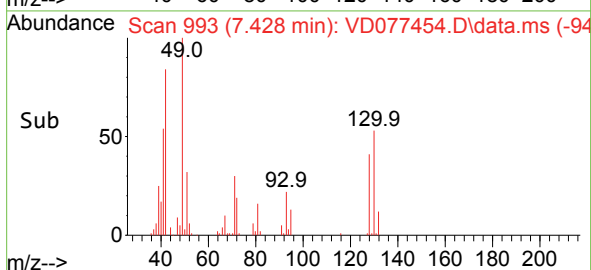
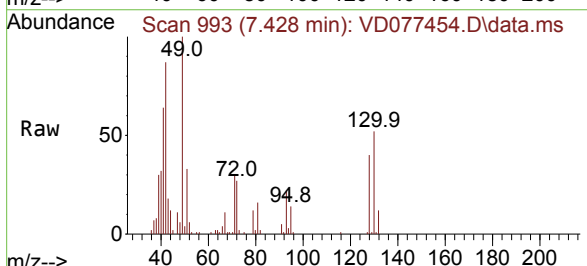


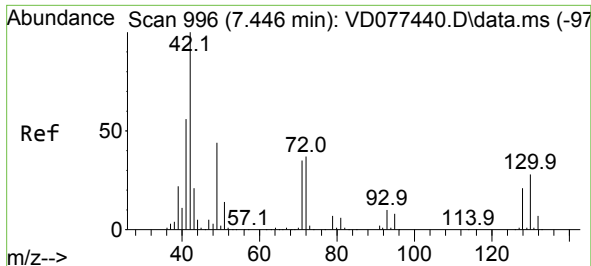
Tgt Ion: 96 Resp: 81431
Ion Ratio Lower Upper
96 100
61 174.7 0.0 239.2
98 64.7 0.0 128.6



#28
Bromochloromethane
Concen: 17.130 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 49 Resp: 55604
Ion Ratio Lower Upper
49 100
129 1.3 0.0 6.0
130 53.2 83.2 124.8#





#29

Tetrahydrofuran

Concen: 100.162 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

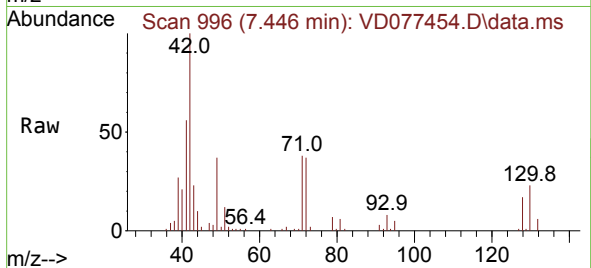
Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

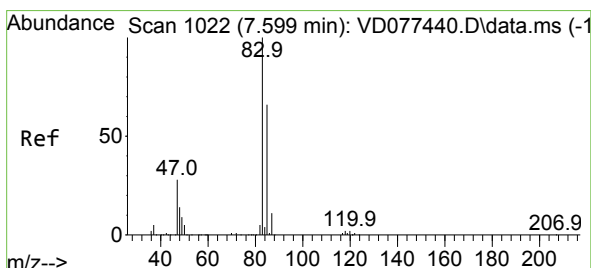
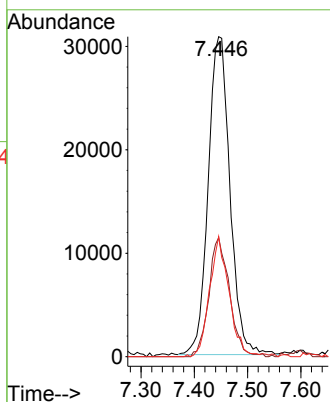
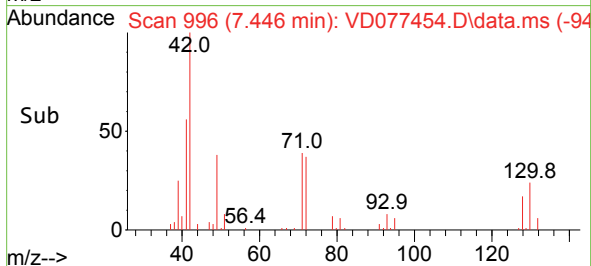
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	87220
Ion Ratio	Lower	Upper	
42	100		
72	35.6	46.5	69.7#
71	34.2	44.5	66.7#



#30

Chloroform

Concen: 19.488 ug/l

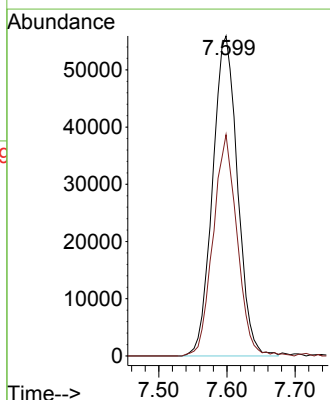
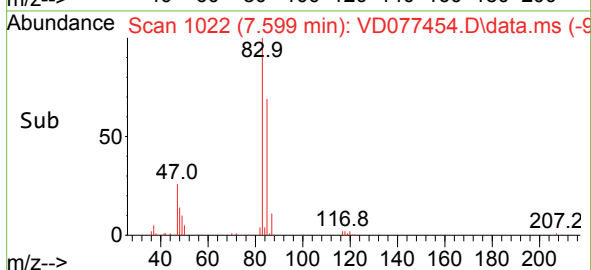
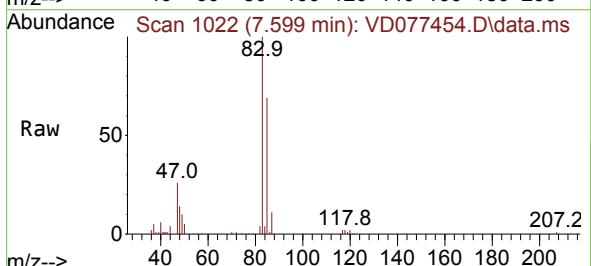
RT: 7.599 min Scan# 1022

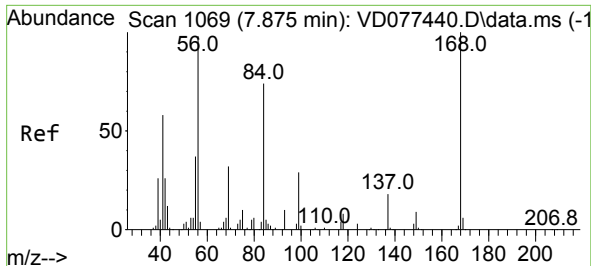
Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Tgt Ion:	83	Resp:	142283
Ion Ratio	Lower	Upper	
83	100		
85	69.1	53.4	80.2





#31

Cyclohexane

Concen: 18.704 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

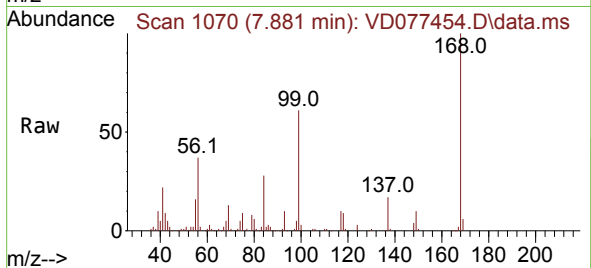
Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :



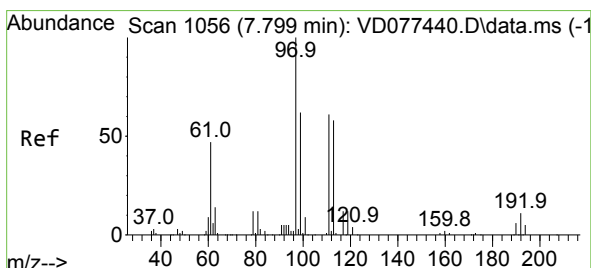
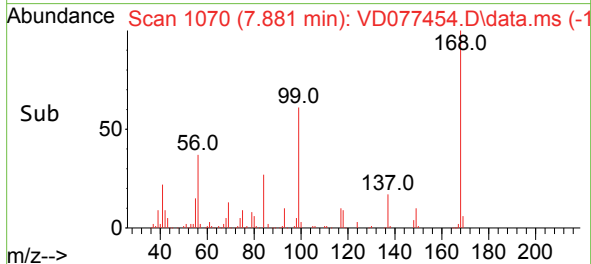
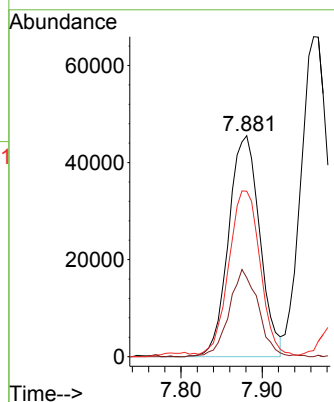
Tgt Ion: 56 Resp: 121628

Ion Ratio Lower Upper

56 100

69 35.7 28.6 43.0

84 73.3 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 20.087 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

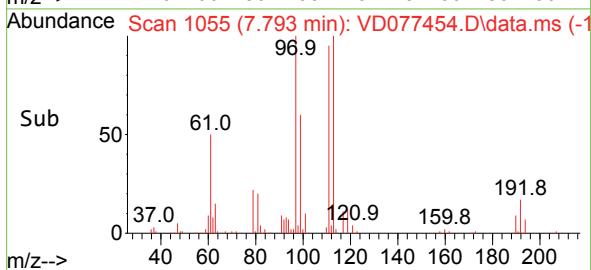
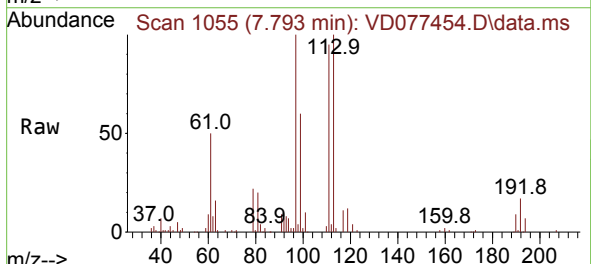
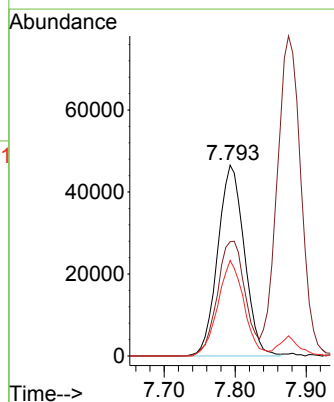
Tgt Ion: 97 Resp: 120832

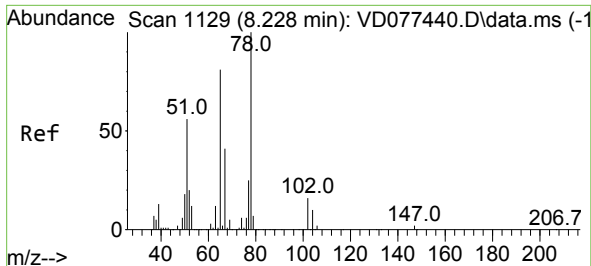
Ion Ratio Lower Upper

97 100

99 63.1 52.0 78.0

61 49.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 44.518 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

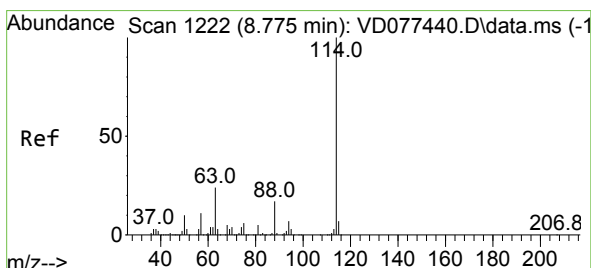
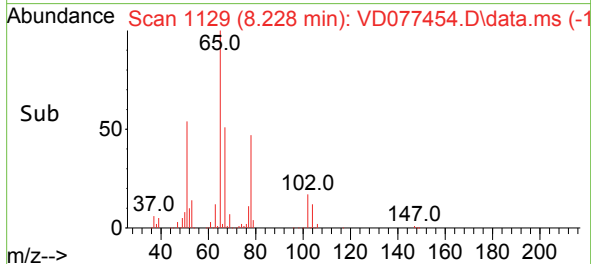
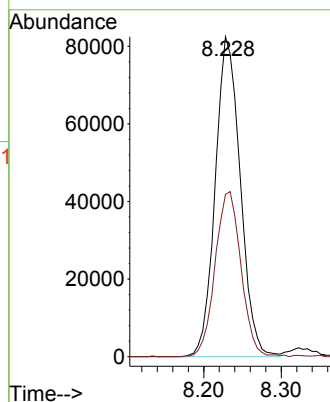
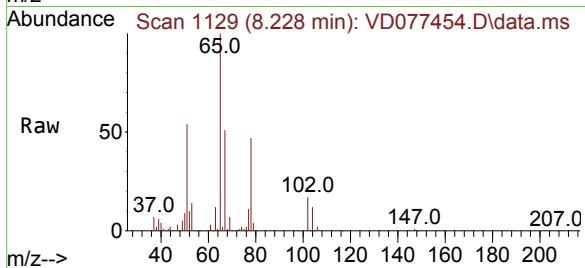
ClientSampleId :

Tgt Ion: 65 Resp: 185189

Ion Ratio Lower Upper

65 100

67 53.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

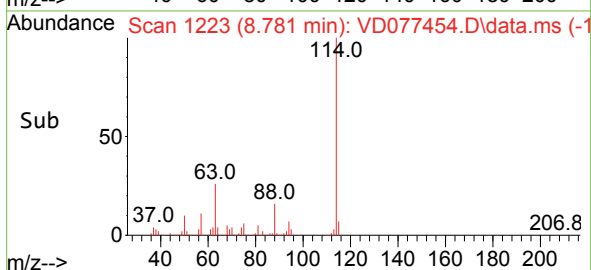
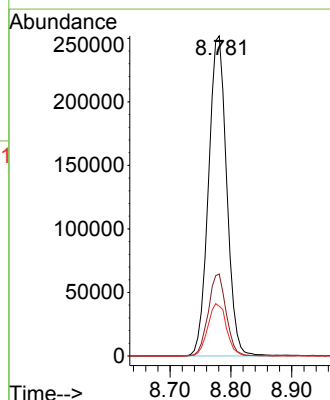
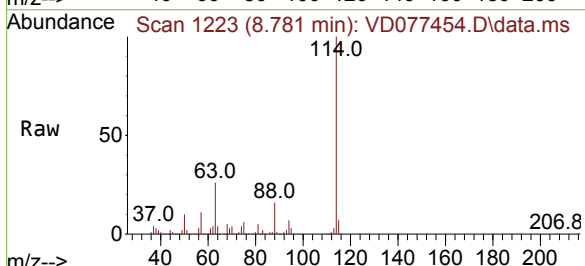
Tgt Ion: 114 Resp: 521480

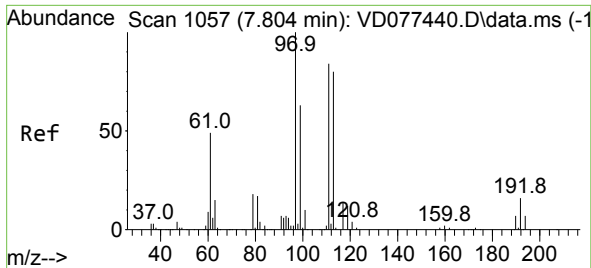
Ion Ratio Lower Upper

114 100

63 25.6 0.0 33.4

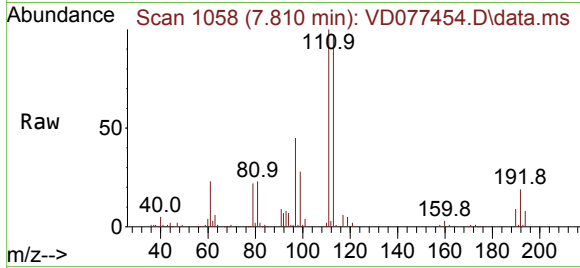
88 15.6 0.0 26.2



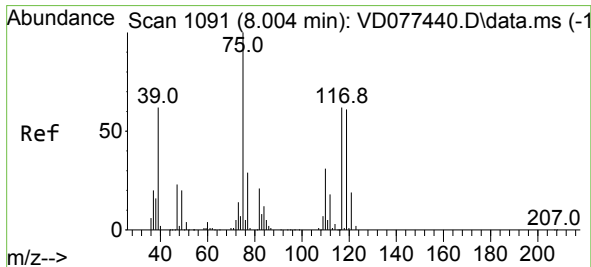
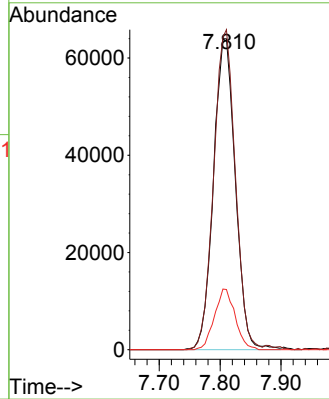
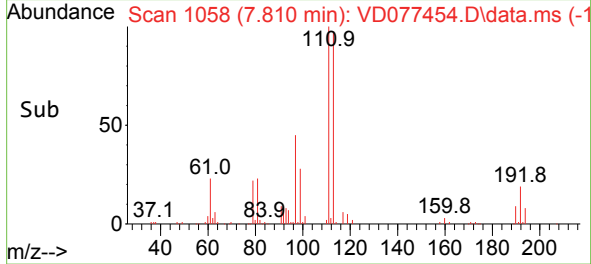


#35
Dibromofluoromethane
Concen: 44.304 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :

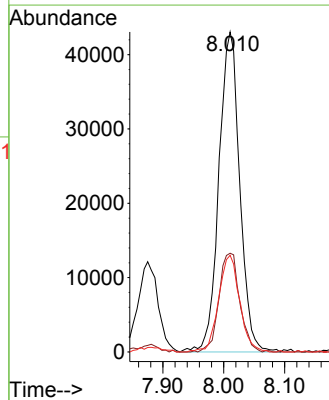
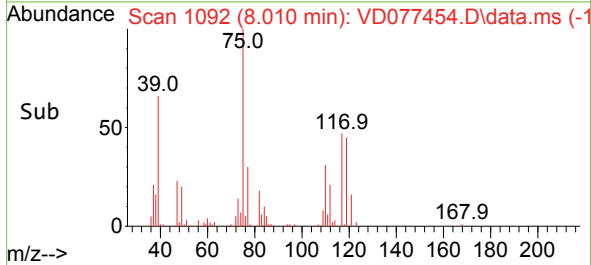
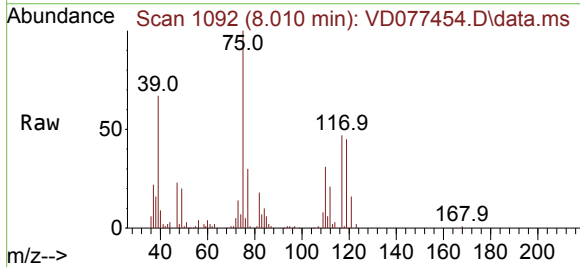


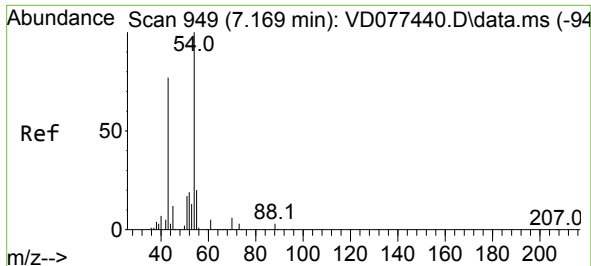
Tgt Ion:113 Resp: 159682
Ion Ratio Lower Upper
113 100
111 101.6 84.7 127.1
192 18.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.170 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 75 Resp: 102441
Ion Ratio Lower Upper
75 100
110 30.8 19.9 59.6
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 20.119 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.006 min

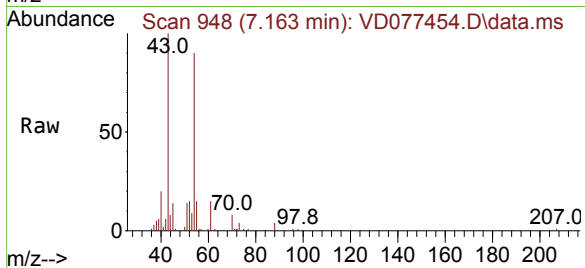
Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :



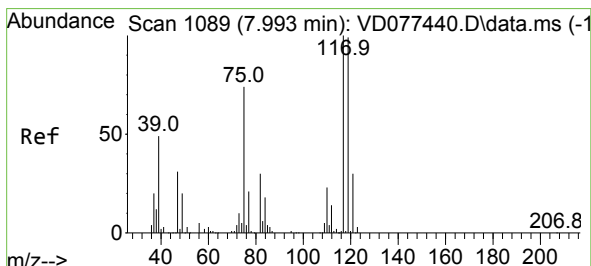
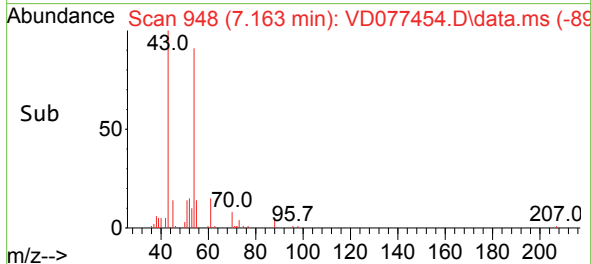
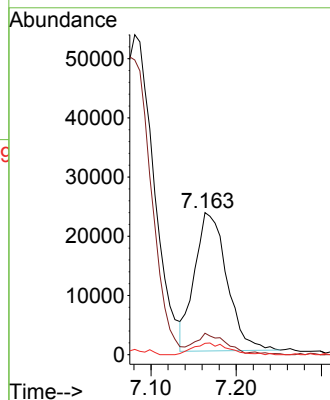
Tgt Ion: 43 Resp: 61702

Ion Ratio Lower Upper

43 100

61 12.0 14.9 22.3#

70 9.2 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 18.761 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

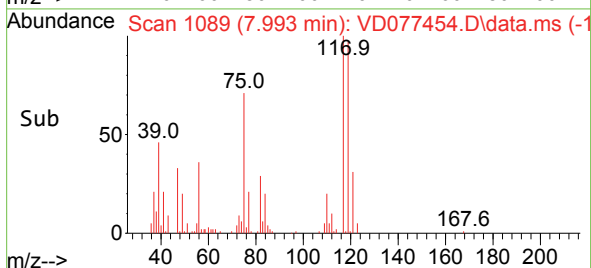
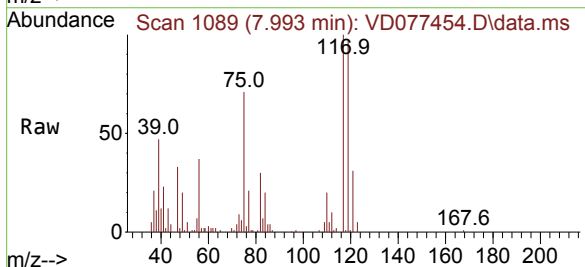
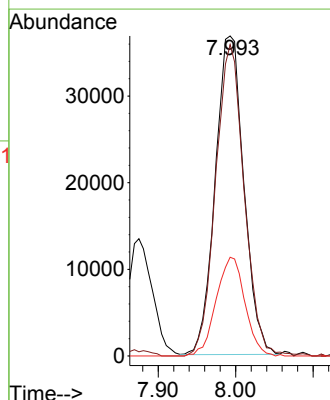
Tgt Ion: 117 Resp: 94475

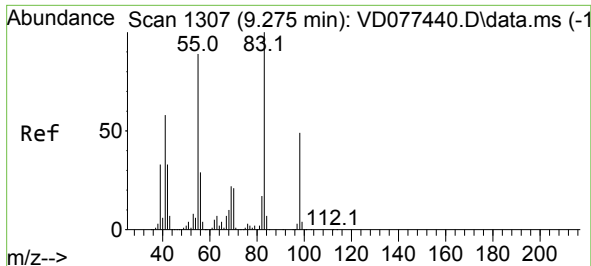
Ion Ratio Lower Upper

117 100

119 97.8 78.0 117.0

121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 18.267 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

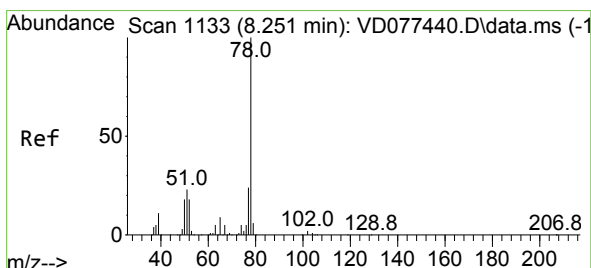
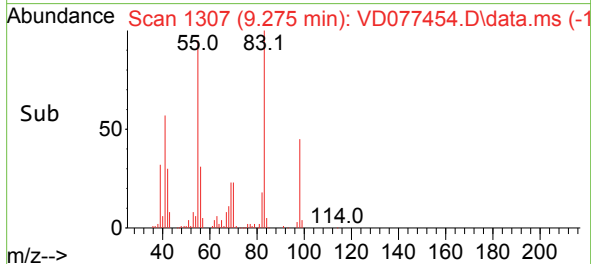
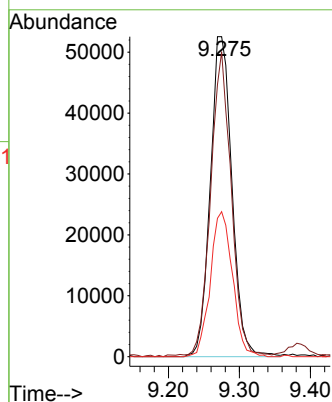
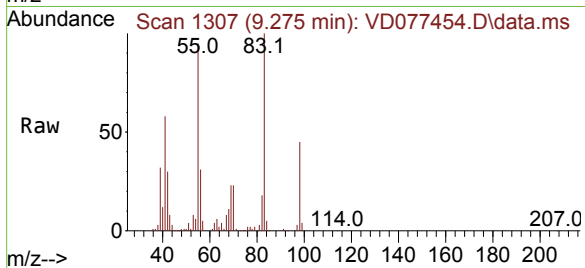
Tgt Ion: 83 Resp: 111383

Ion Ratio Lower Upper

83 100

55 94.6 49.4 74.0#

98 45.3 38.4 57.6



#40

Benzene

Concen: 19.481 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077454.D

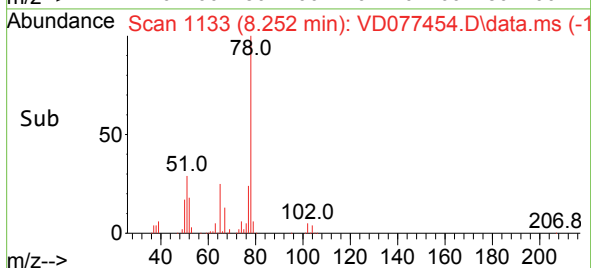
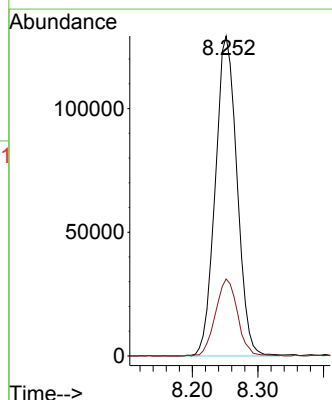
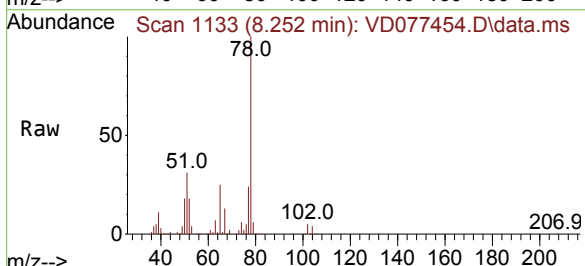
Acq: 31 Oct 2023 11:48

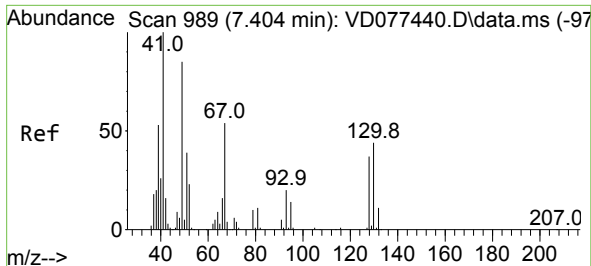
Tgt Ion: 78 Resp: 296850

Ion Ratio Lower Upper

78 100

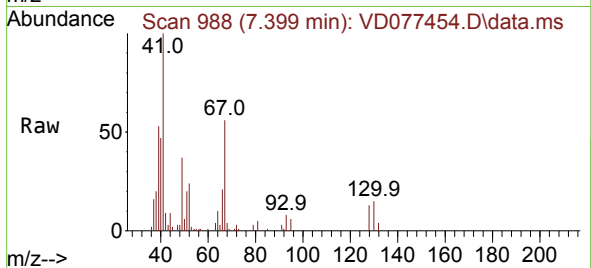
77 24.1 19.4 29.0



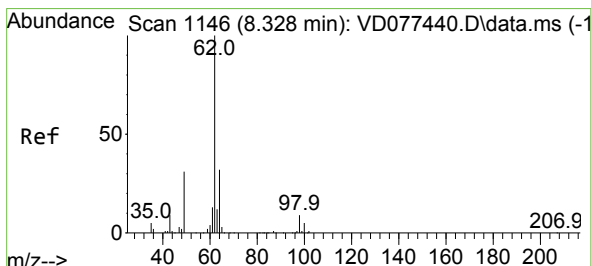
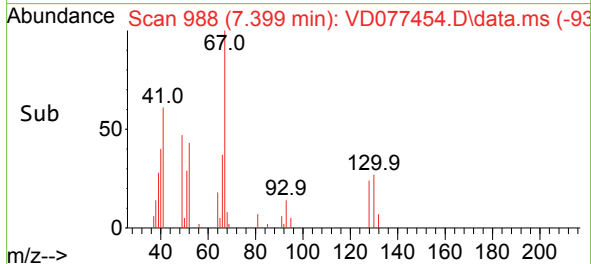
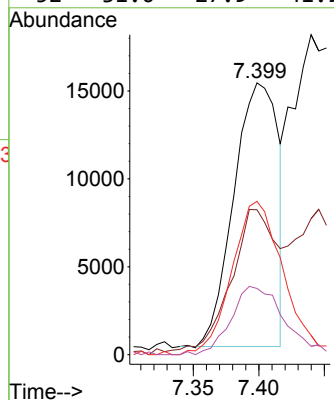


#41
Methacrylonitrile
Concen: 17.979 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :

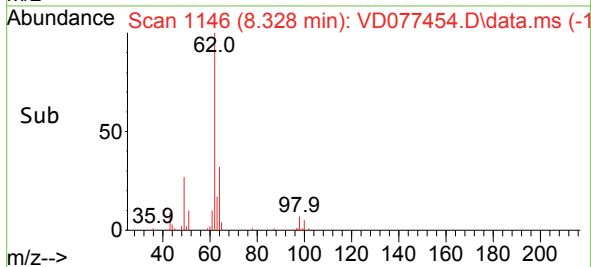
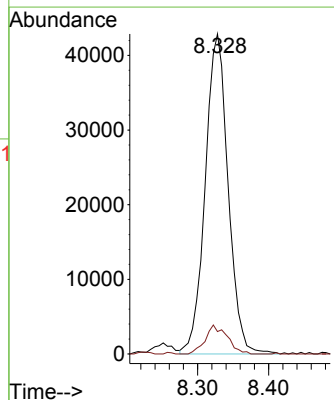
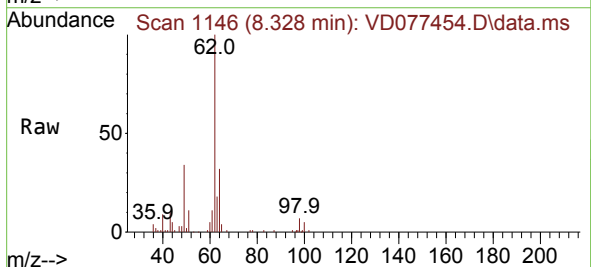


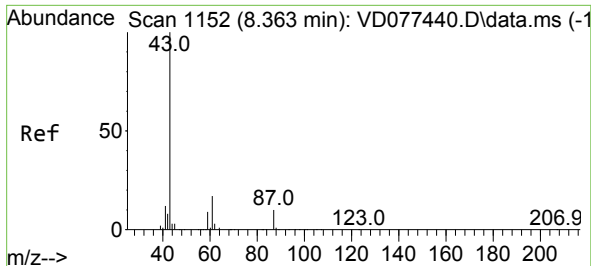
Tgt Ion:	41	Resp:	35281
Ion Ratio	Lower	Upper	
41	100		
39	57.5	34.0	51.0#
67	68.0	77.0	115.4#
52	31.0	27.9	41.9



#42
1,2-Dichloroethane
Concen: 19.924 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

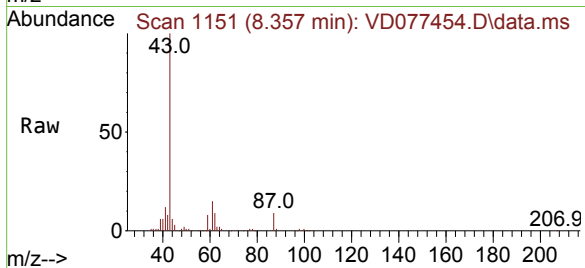
Tgt Ion:	62	Resp:	96159
Ion Ratio	Lower	Upper	
62	100		
98	8.6	0.0	25.4



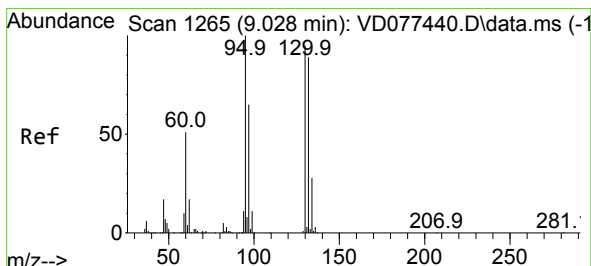
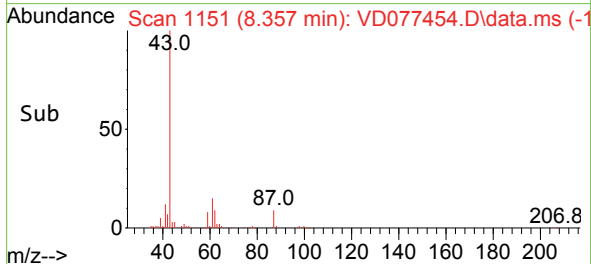
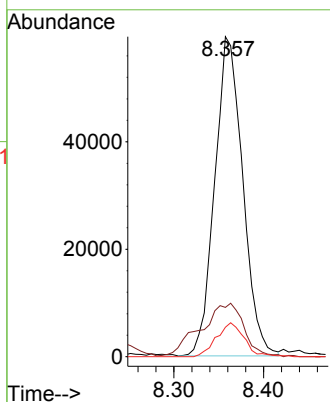


#43
Isopropyl Acetate
Concen: 20.331 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :

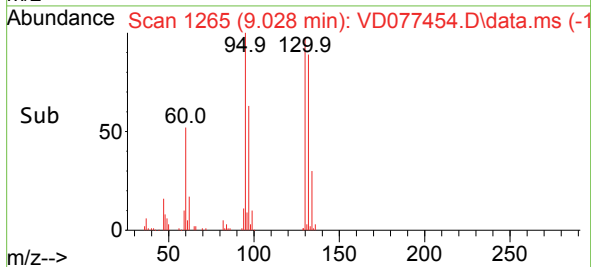
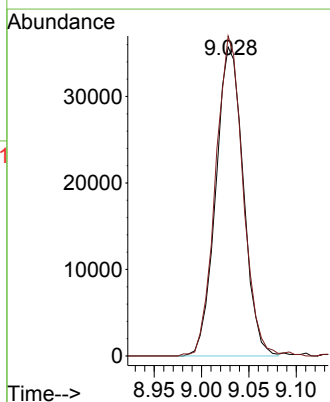
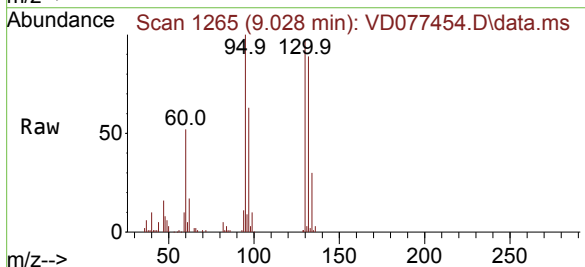


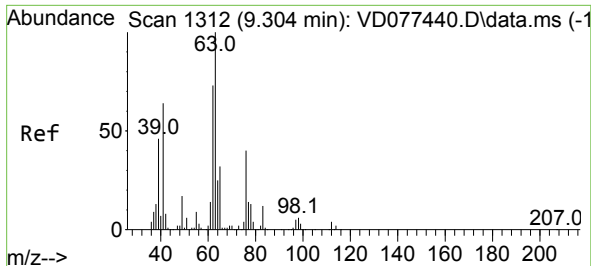
Tgt Ion: 43 Resp: 128667
Ion Ratio Lower Upper
43 100
61 25.8 31.4 47.0#
87 10.6 14.9 22.3#



#44
Trichloroethene
Concen: 19.323 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion:130 Resp: 72126
Ion Ratio Lower Upper
130 100
95 103.6 0.0 179.2

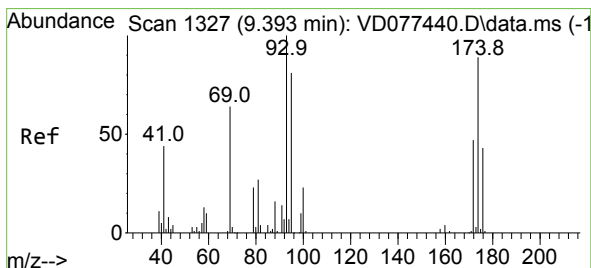
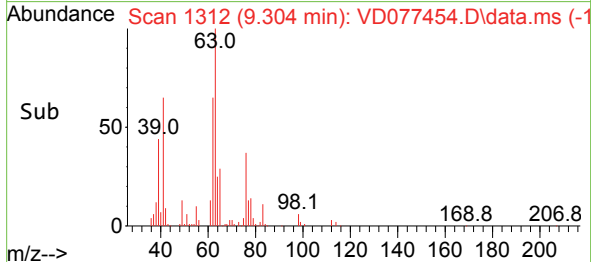
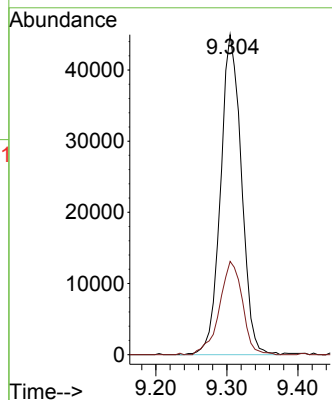
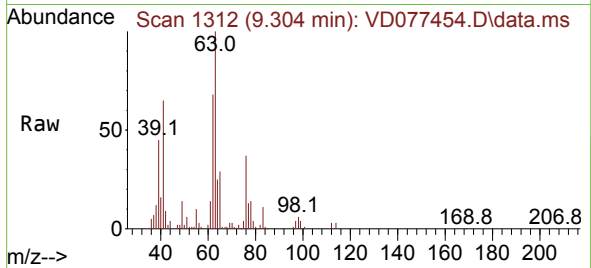




#45
1,2-Dichloropropane
Concen: 20.400 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

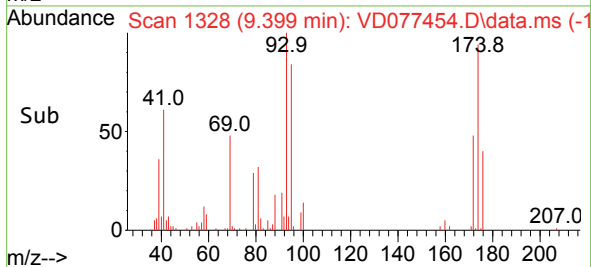
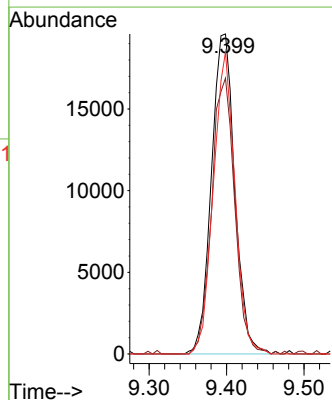
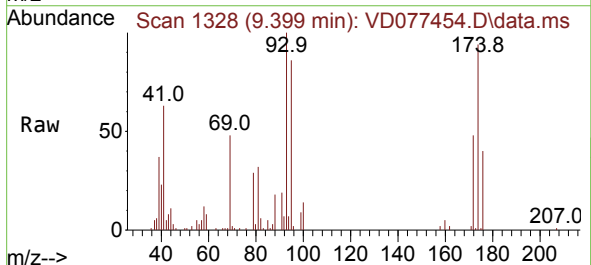
Instrument :
MSVOA_D
ClientSampleId :

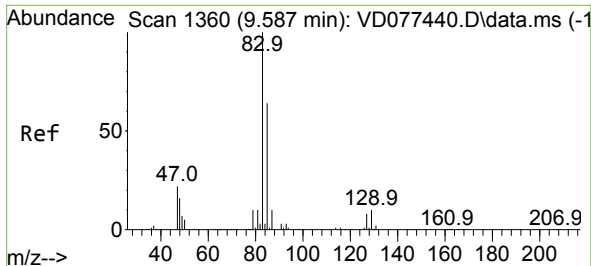
Tgt Ion: 63 Resp: 91518
Ion Ratio Lower Upper
63 100
65 29.2 24.5 36.7



#46
Dibromomethane
Concen: 19.003 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 93 Resp: 41027
Ion Ratio Lower Upper
93 100
95 85.1 67.7 101.5
174 87.4 85.4 128.2

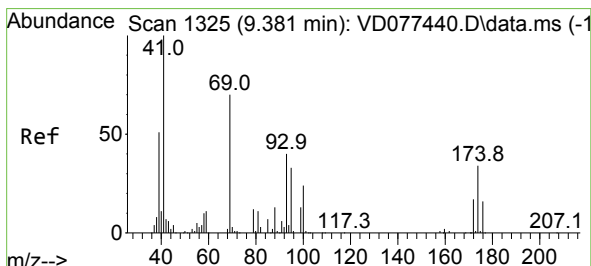
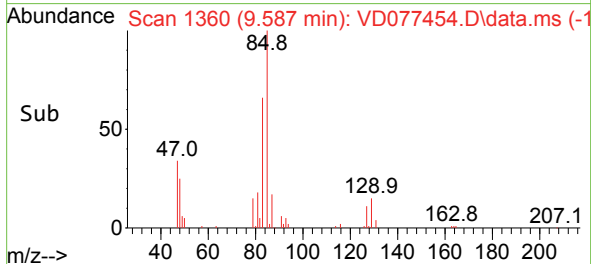
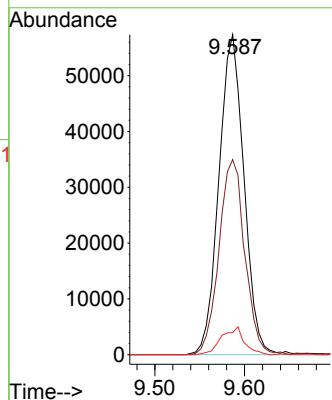
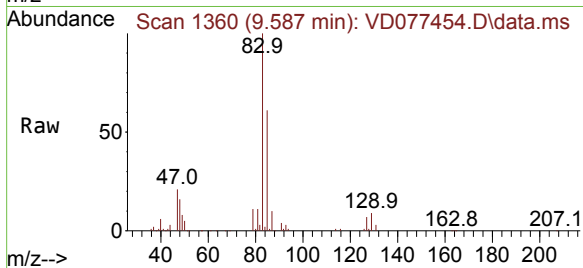




#47
Bromodichloromethane
Concen: 19.428 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

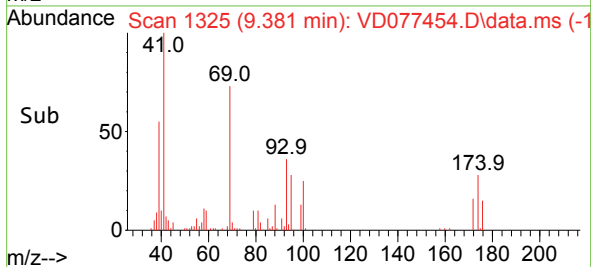
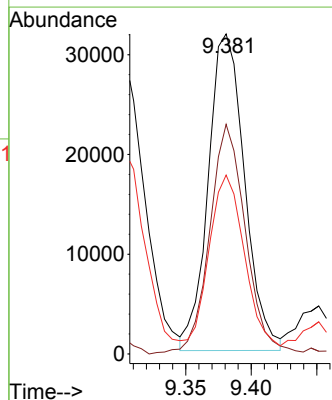
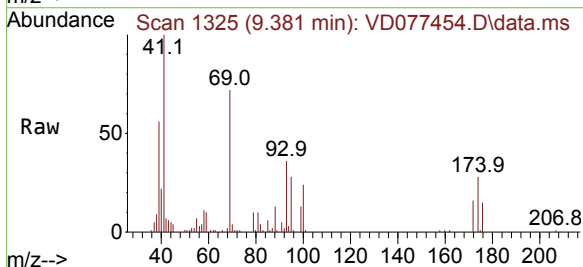
Instrument :
MSVOA_D
ClientSampleId :

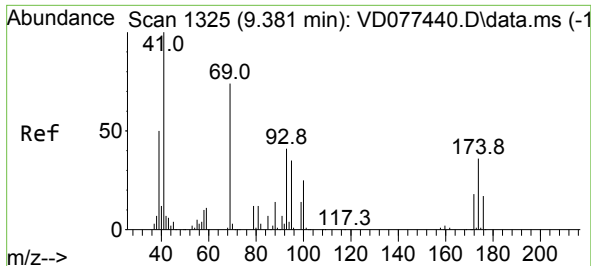
Tgt Ion: 83 Resp: 110864
Ion Ratio Lower Upper
83 100
85 60.9 50.2 75.4
127 6.9 6.3 9.5



#48
Methyl methacrylate
Concen: 20.291 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 41 Resp: 61299
Ion Ratio Lower Upper
41 100
69 70.2 102.2 153.2#
39 56.8 41.4 62.2





#49

1,4-Dioxane

Concen: 408.513 ug/l

RT: 9.381 min Scan# 1

Delta R.T. 0.000 min

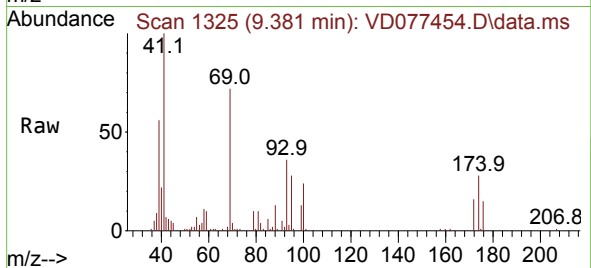
Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :



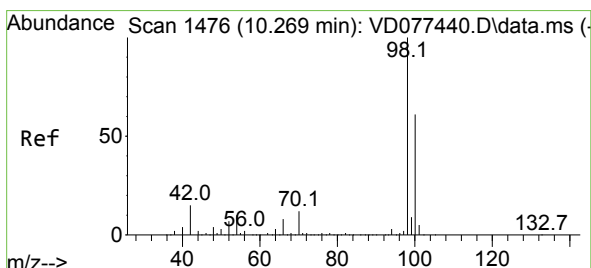
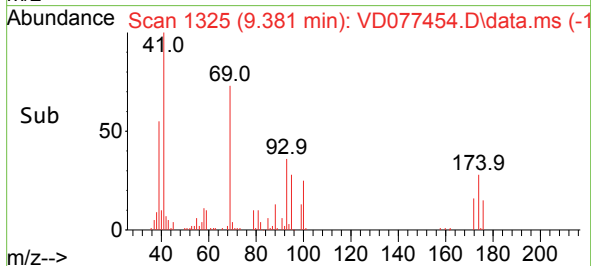
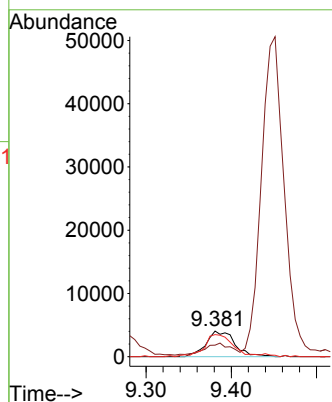
Tgt Ion: 88 Resp: 9477

Ion Ratio Lower Upper

88 100

43 41.9 19.0 28.6#

58 86.5 43.5 65.3#



#50

Toluene-d8

Concen: 45.099 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077454.D

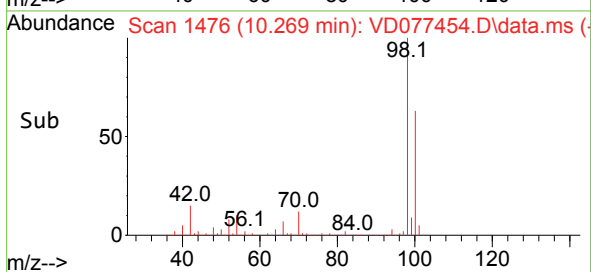
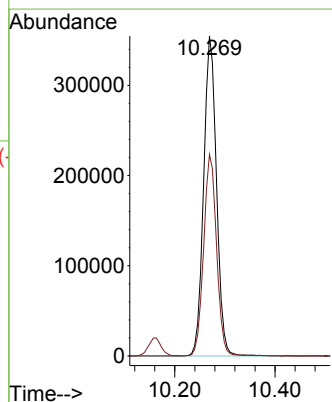
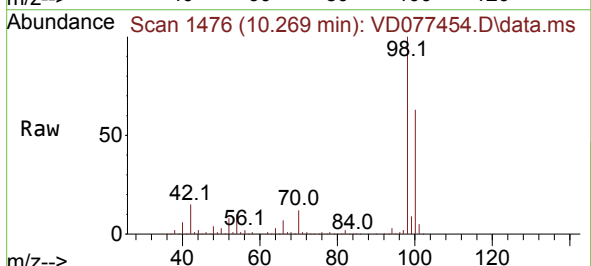
Acq: 31 Oct 2023 11:48

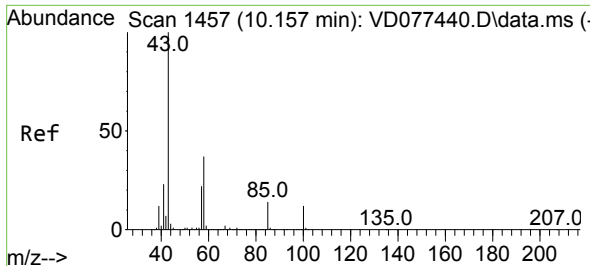
Tgt Ion: 98 Resp: 631376

Ion Ratio Lower Upper

98 100

100 63.4 50.3 75.5

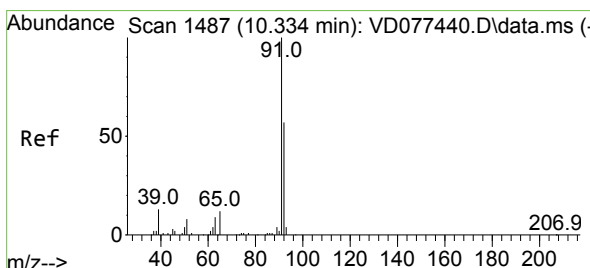
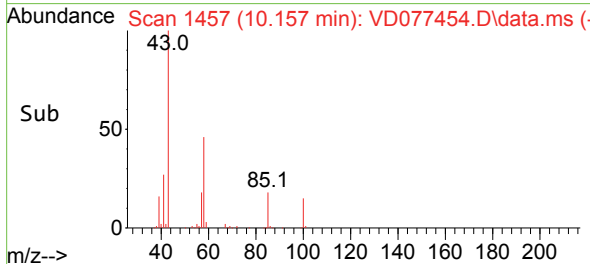
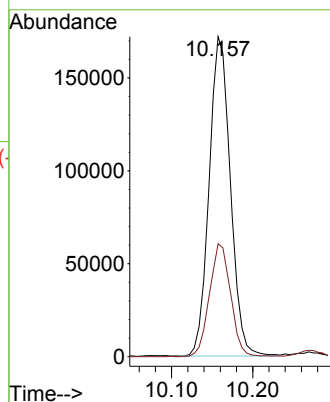
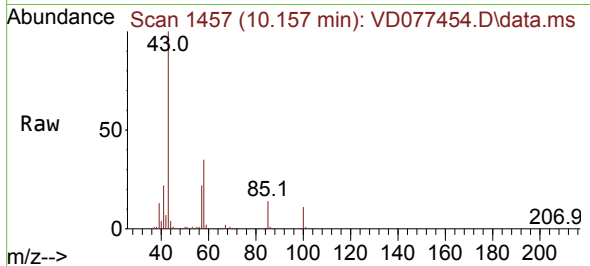




#51
4-Methyl-2-Pentanone
Concen: 100.347 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

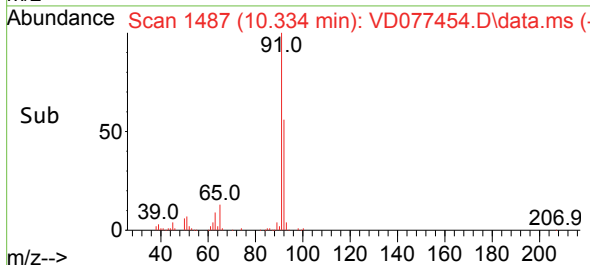
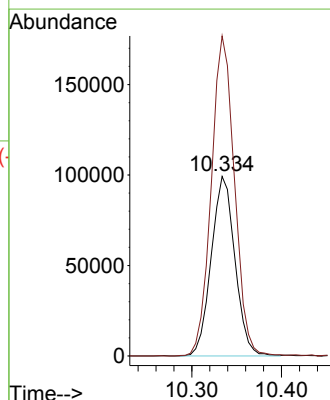
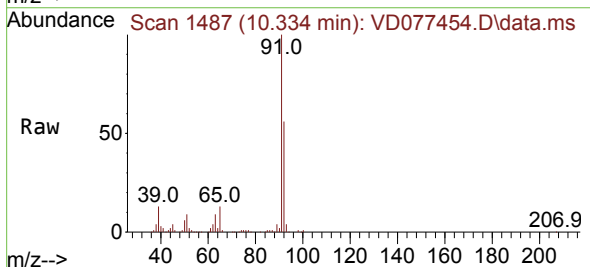
Instrument :
MSVOA_D
ClientSampleId :

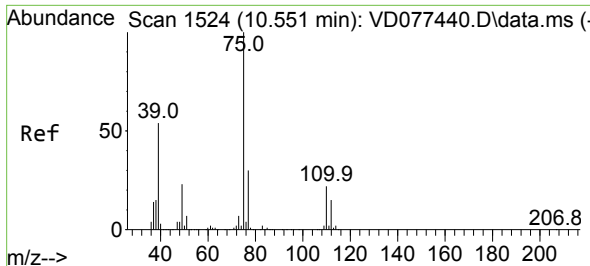
Tgt Ion: 43 Resp: 312589
Ion Ratio Lower Upper
43 100
58 35.4 38.9 58.3#



#52
Toluene
Concen: 19.581 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

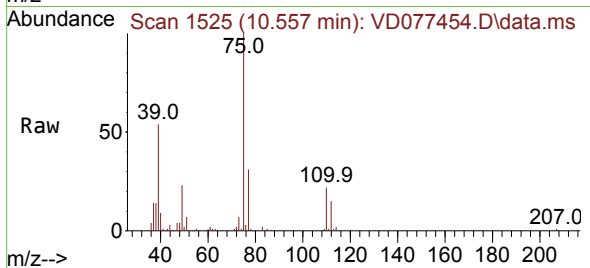
Tgt Ion: 92 Resp: 181902
Ion Ratio Lower Upper
92 100
91 174.6 143.0 214.4



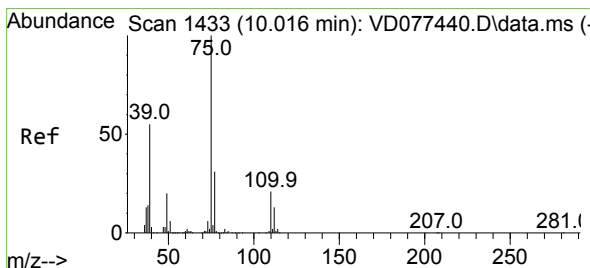
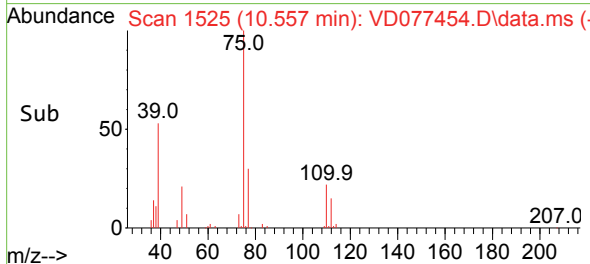
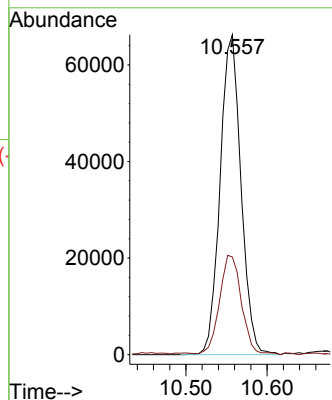


#53
 t-1,3-Dichloropropene
 Concen: 19.606 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

Instrument :
 MSVOA_D
 ClientSampleId :

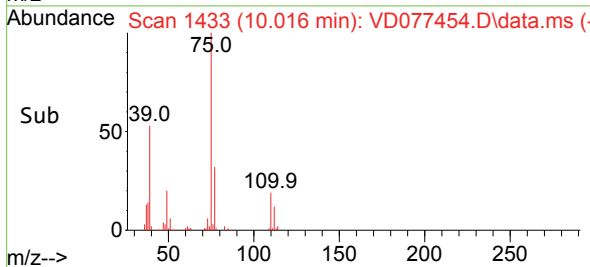
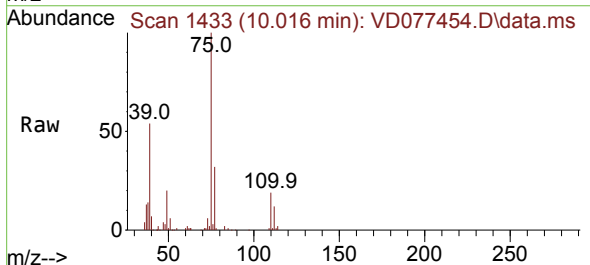
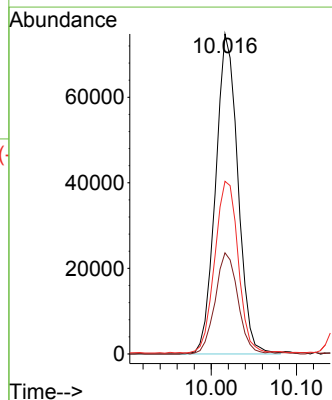


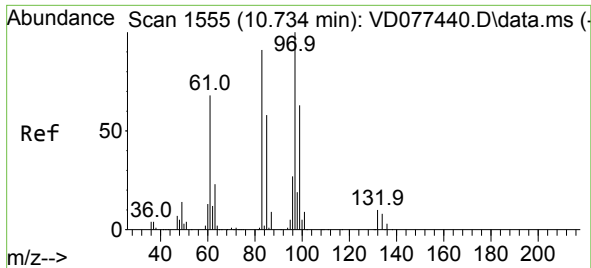
Tgt Ion: 75 Resp: 118472
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.574 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

Tgt Ion: 75 Resp: 136107
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 53.5 22.1 33.1#

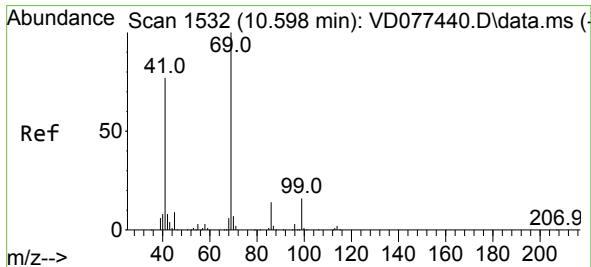
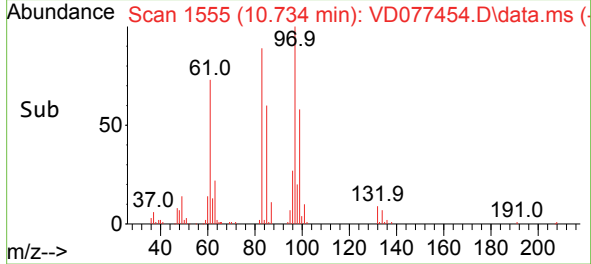
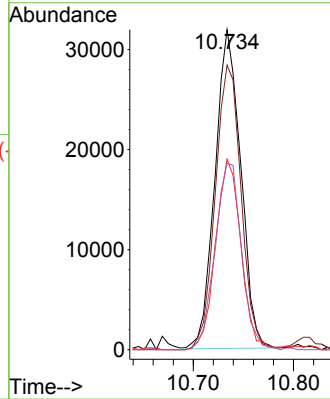
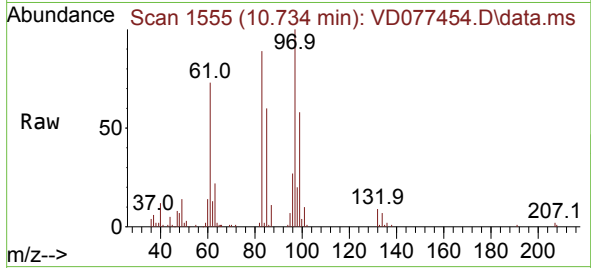




#55
1,1,2-Trichloroethane
Concen: 19.674 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

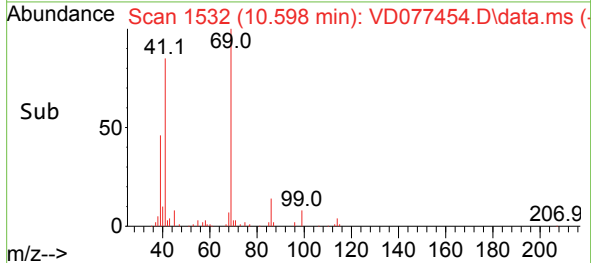
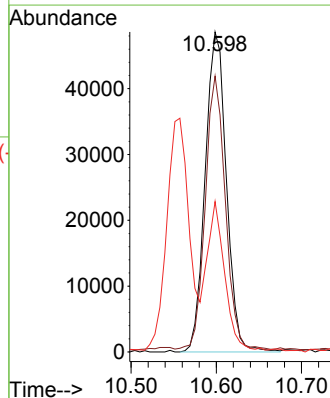
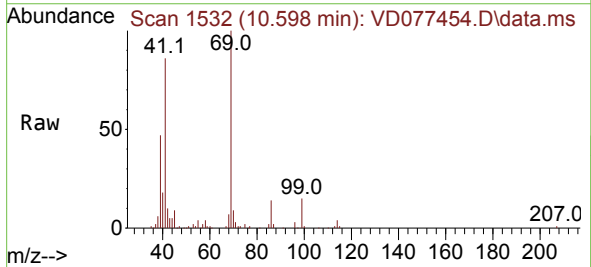
Instrument :
MSVOA_D
ClientSampleId :

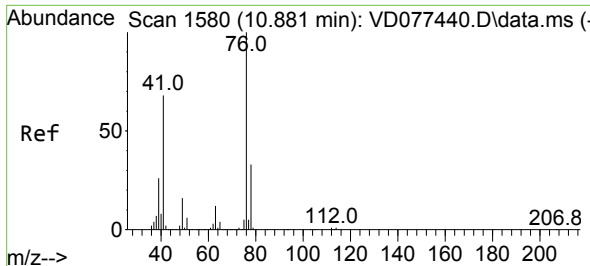
Tgt Ion:	97	Resp:	56668
Ion	Ratio	Lower	Upper
97	100		
83	89.4	65.8	98.6
85	59.8	45.7	68.5
99	58.5	46.2	69.4



#56
Ethyl methacrylate
Concen: 19.653 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion:	69	Resp:	84167
Ion	Ratio	Lower	Upper
69	100		
41	80.4	39.1	58.7#
39	38.0	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.794 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

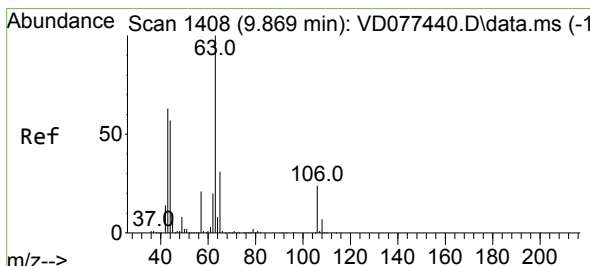
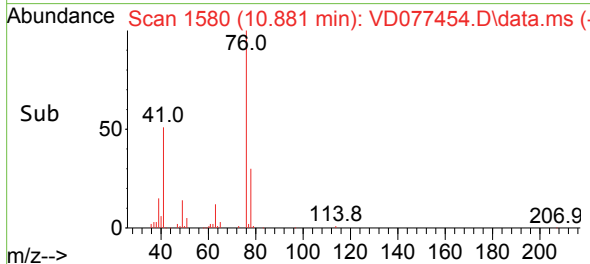
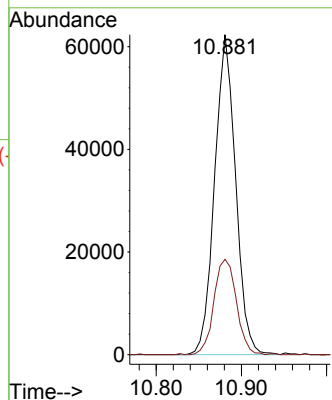
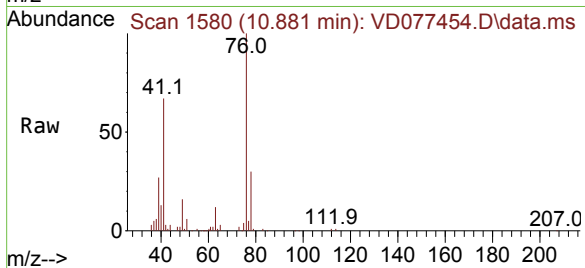
ClientSampleId :

Tgt Ion: 76 Resp: 106569

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 93.255 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077454.D

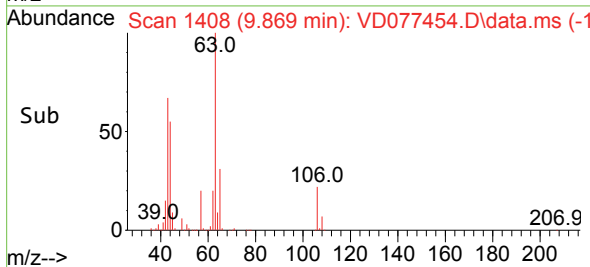
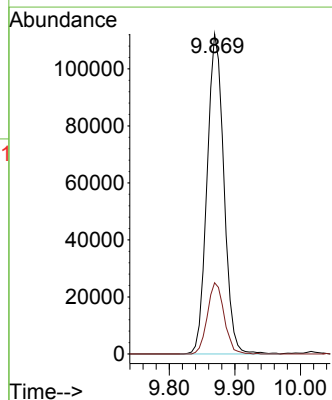
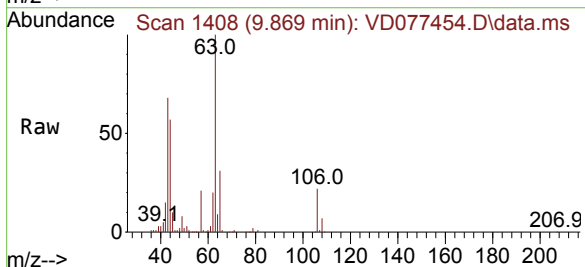
Acq: 31 Oct 2023 11:48

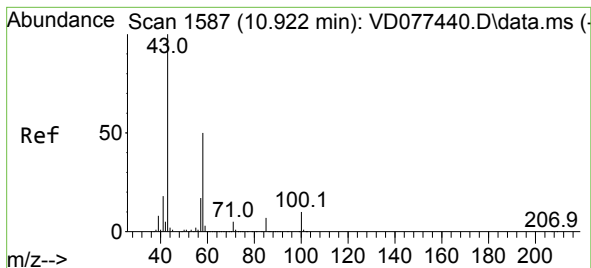
Tgt Ion: 63 Resp: 199942

Ion Ratio Lower Upper

63 100

106 22.3 25.3 37.9

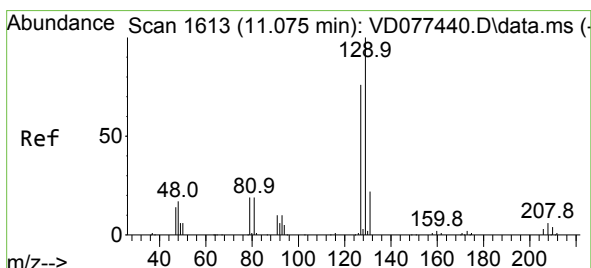
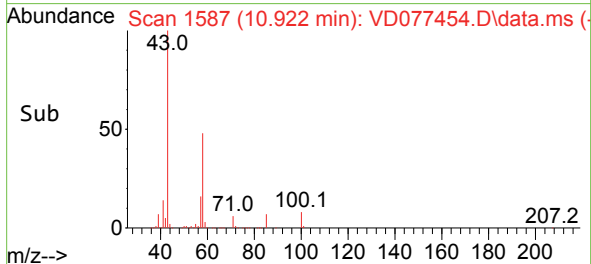
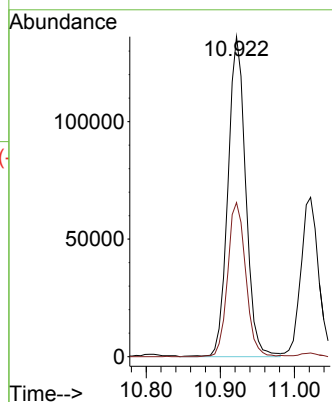
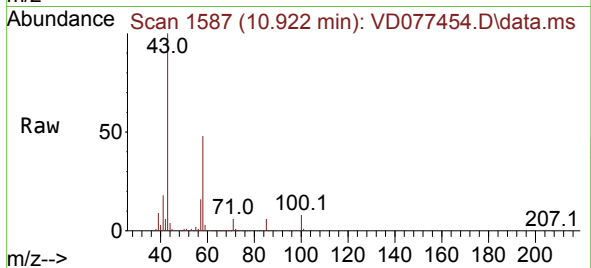




#59
2-Hexanone
Concen: 98.723 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

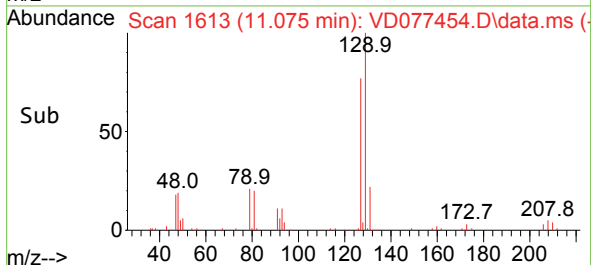
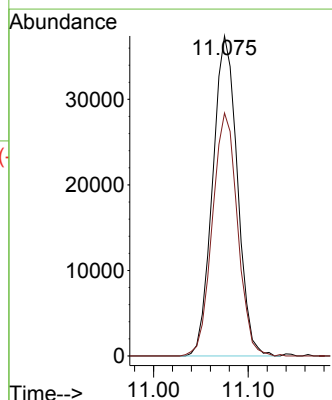
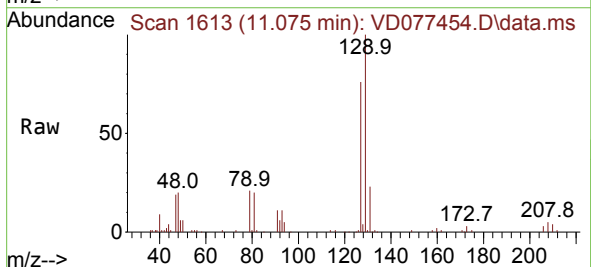
Instrument :
MSVOA_D
ClientSampleId :

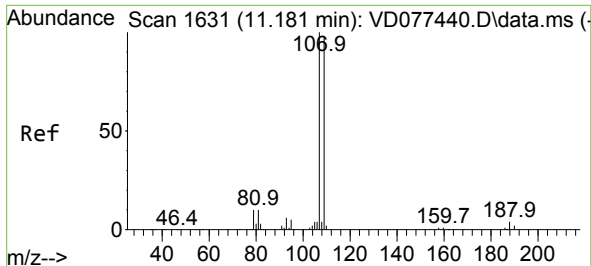
Tgt Ion: 43 Resp: 226549
Ion Ratio Lower Upper
43 100
58 48.9 34.1 102.2



#60
Dibromochloromethane
Concen: 19.545 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 129 Resp: 67696
Ion Ratio Lower Upper
129 100
127 77.4 37.1 111.5

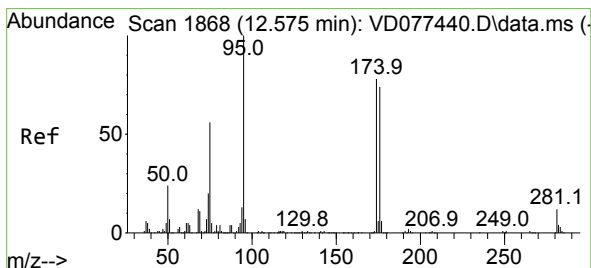
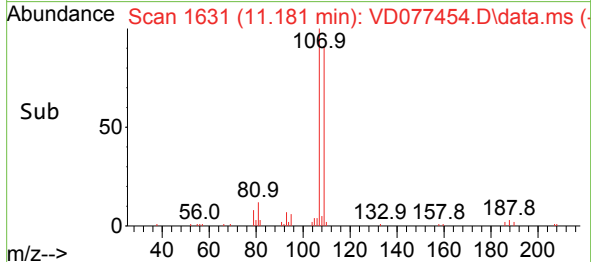
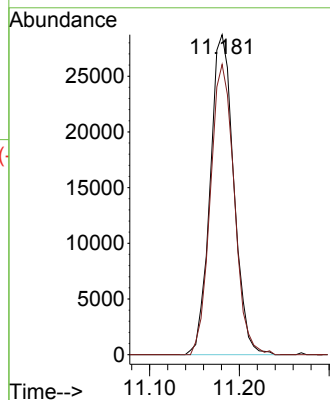
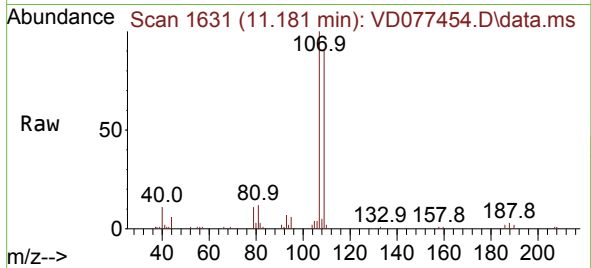




#61
1,2-Dibromoethane
Concen: 19.221 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

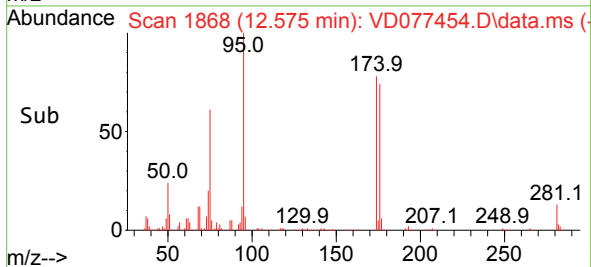
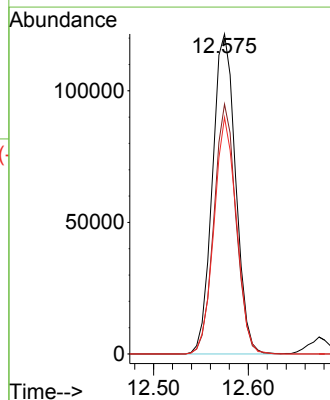
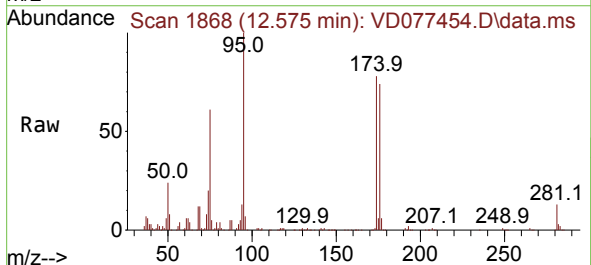
Instrument :
MSVOA_D
ClientSampleId :

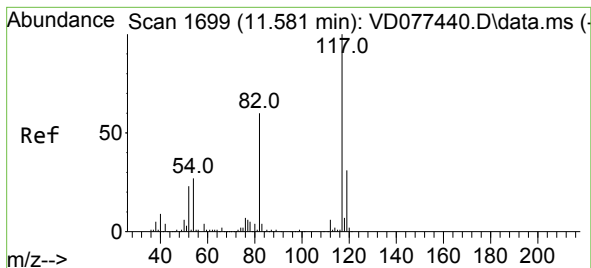
Tgt Ion:107 Resp: 52429
Ion Ratio Lower Upper
107 100
109 91.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.728 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 95 Resp: 206189
Ion Ratio Lower Upper
95 100
174 74.6 0.0 201.8
176 71.8 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

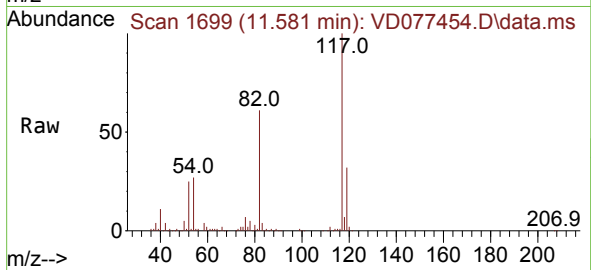
Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

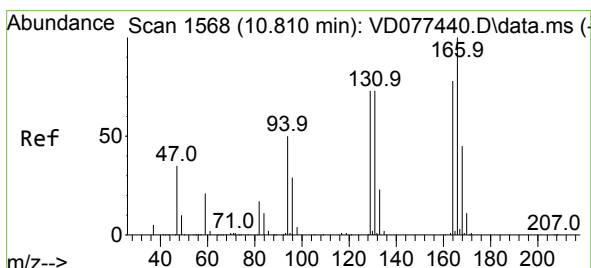
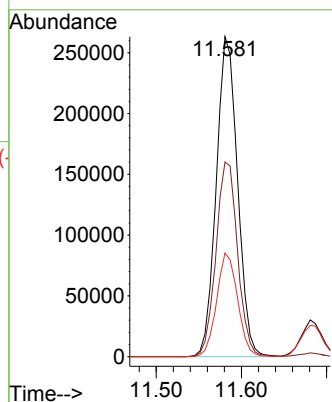
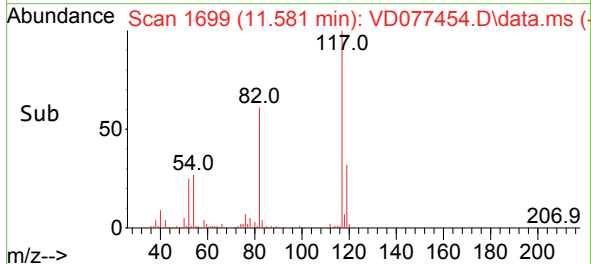
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	117	Resp:	457122
Ion Ratio	Lower	Upper	
117	100		
82	60.9	38.3	57.5#
119	32.4	25.0	37.4



#64

Tetrachloroethene

Concen: 18.690 ug/l

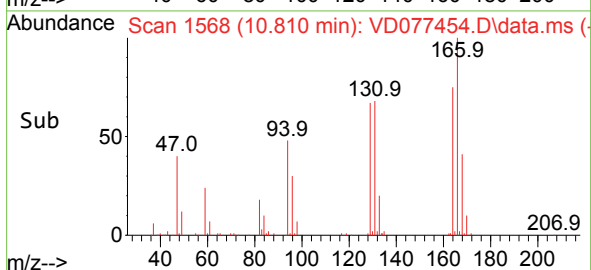
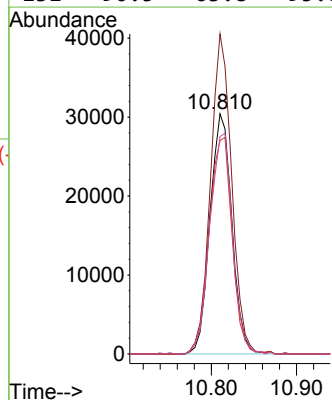
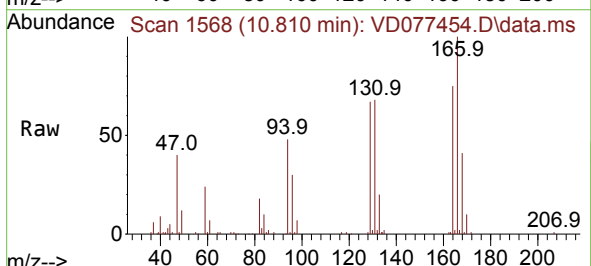
RT: 10.810 min Scan# 1568

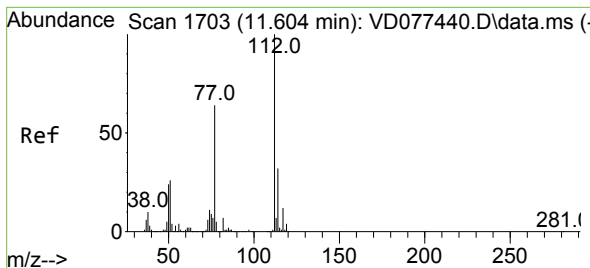
Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Tgt Ion:	164	Resp:	54393
Ion Ratio	Lower	Upper	
164	100		
166	133.2	99.2	148.8
129	88.9	68.4	102.6
131	90.5	63.8	95.8





#65

Chlorobenzene

Concen: 19.585 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

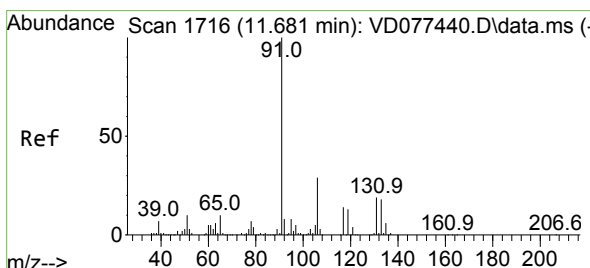
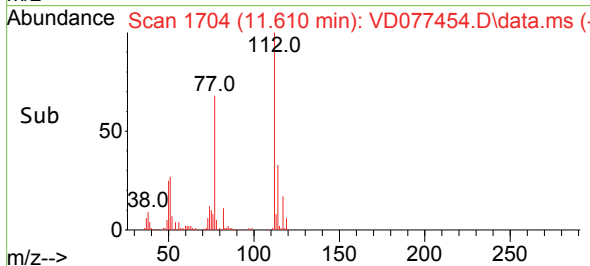
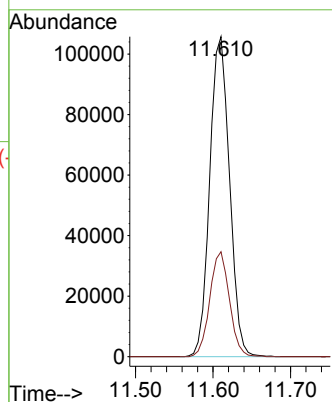
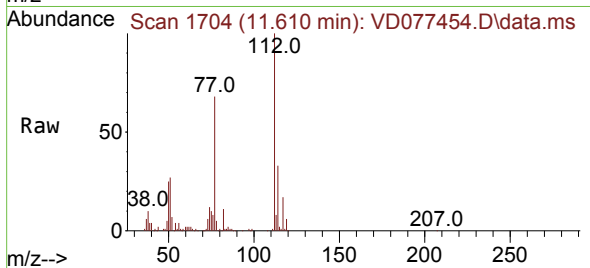
ClientSampleId :

Tgt Ion:112 Resp: 187564

Ion Ratio Lower Upper

112 100

114 32.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.152 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

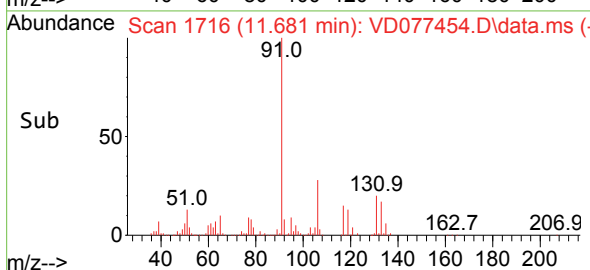
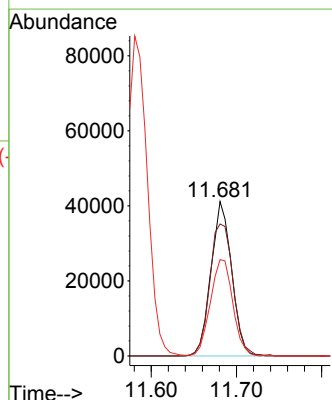
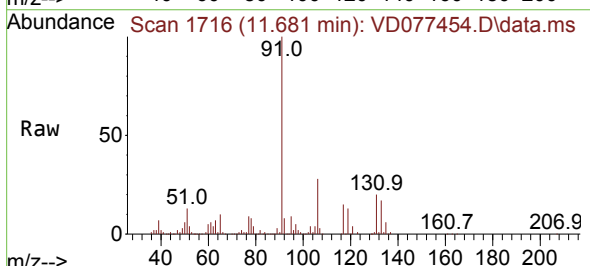
Tgt Ion:131 Resp: 69312

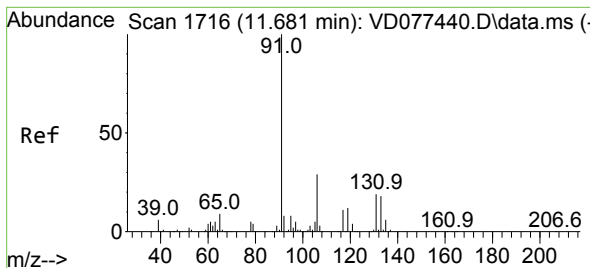
Ion Ratio Lower Upper

131 100

133 96.6 48.5 145.5

119 67.8 35.6 106.9





#67

Ethyl Benzene

Concen: 19.918 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

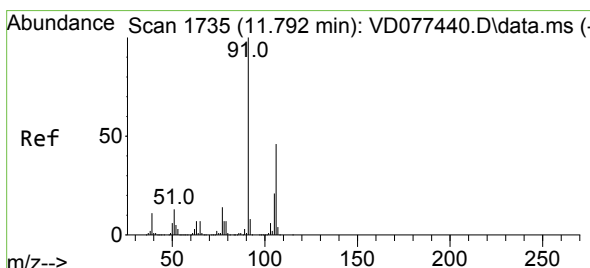
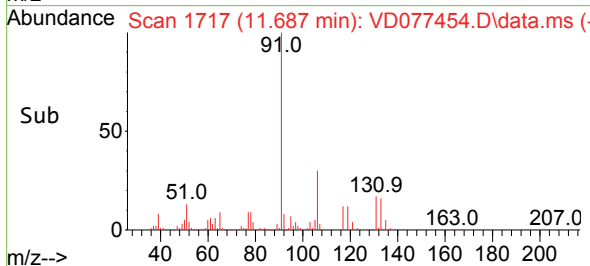
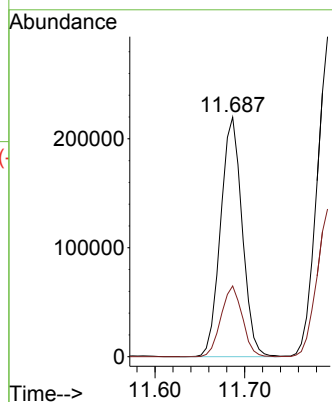
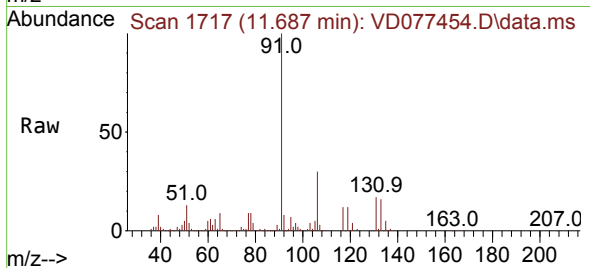
ClientSampleId :

Tgt Ion: 91 Resp: 367027

Ion Ratio Lower Upper

91 100

106 29.5 26.5 39.7



#68

m/p-Xylenes

Concen: 39.317 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077454.D

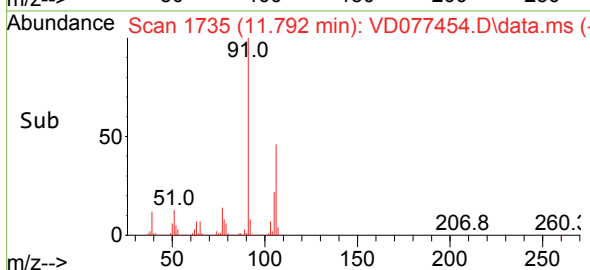
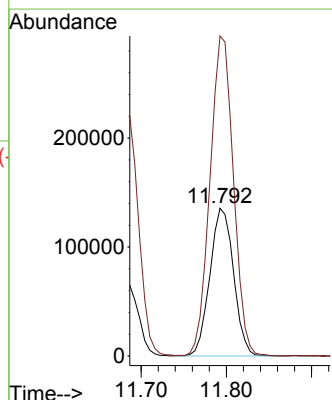
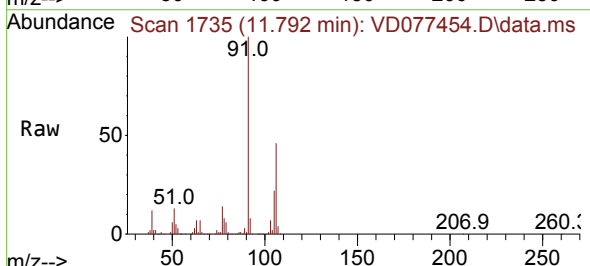
Acq: 31 Oct 2023 11:48

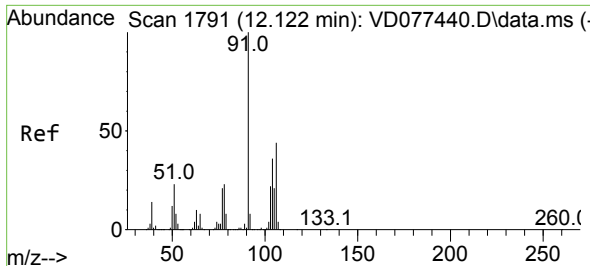
Tgt Ion:106 Resp: 261613

Ion Ratio Lower Upper

106 100

91 214.5 147.0 220.6

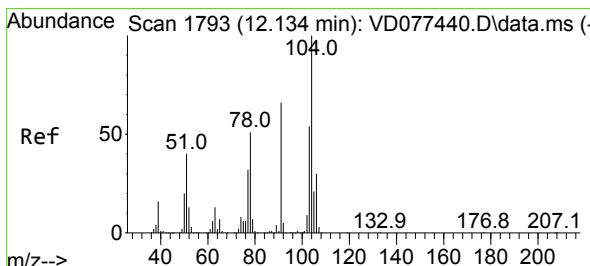
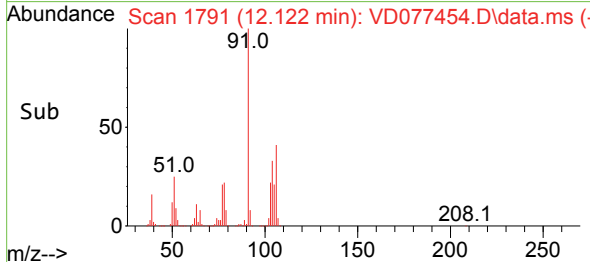
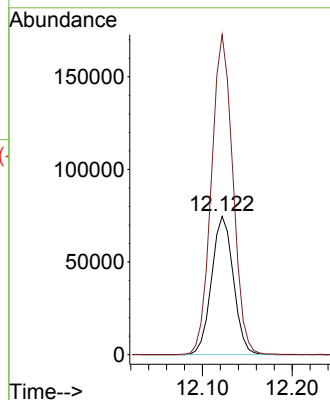
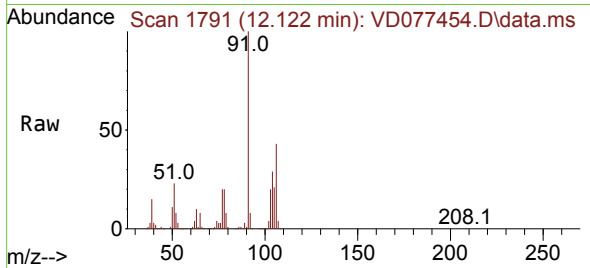




#69
o-Xylene
Concen: 19.752 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

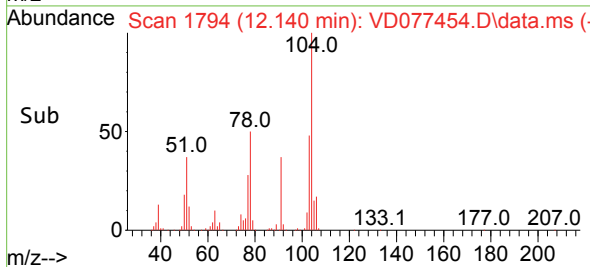
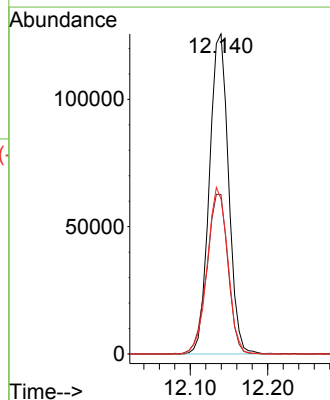
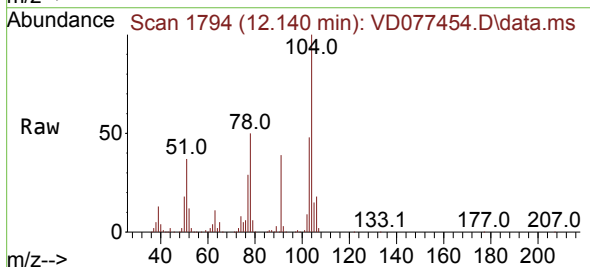
Instrument :
MSVOA_D
ClientSampleId :

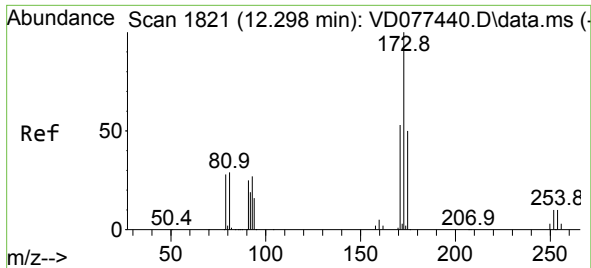
Tgt Ion:106 Resp: 125890
Ion Ratio Lower Upper
106 100
91 228.9 97.9 293.6



#70
Styrene
Concen: 19.663 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion:104 Resp: 216203
Ion Ratio Lower Upper
104 100
78 55.1 33.2 49.8#
103 55.5 43.6 65.4

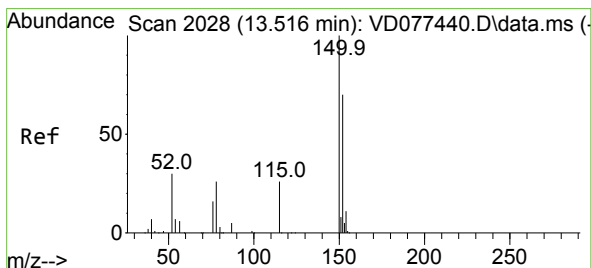
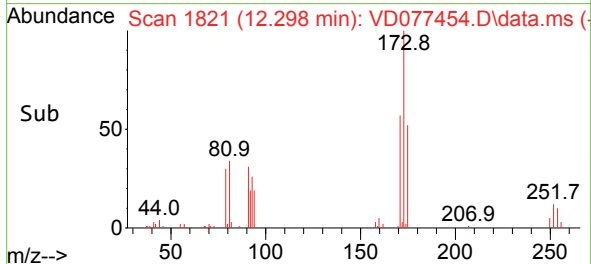
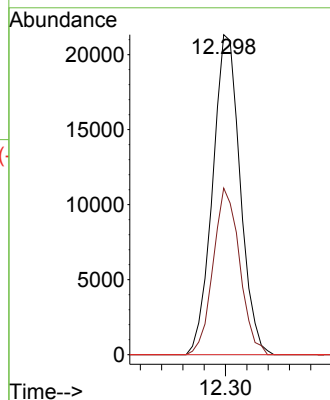
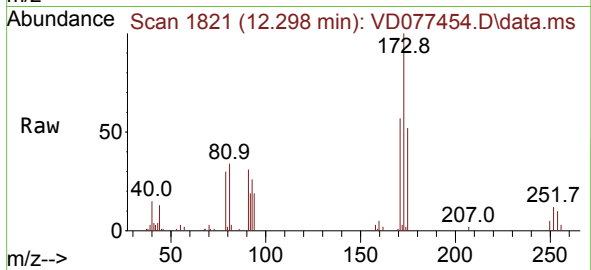




#71
Bromoform
Concen: 19.079 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

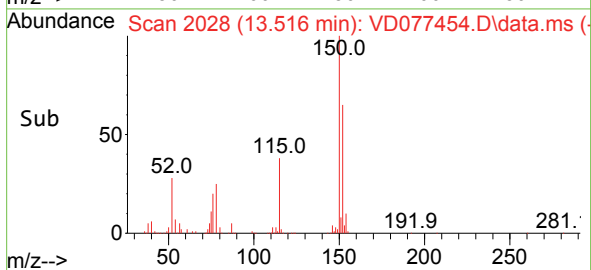
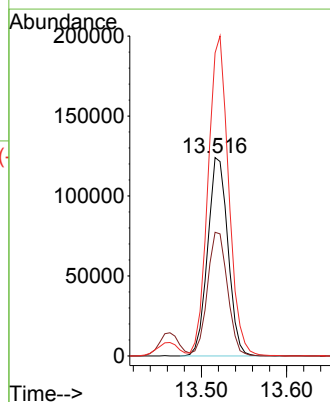
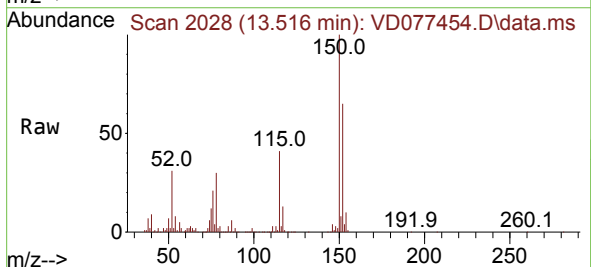
Instrument :
MSVOA_D
ClientSampleId :

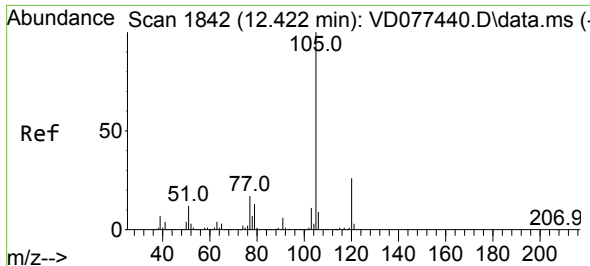
Tgt Ion:173 Resp: 38280
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

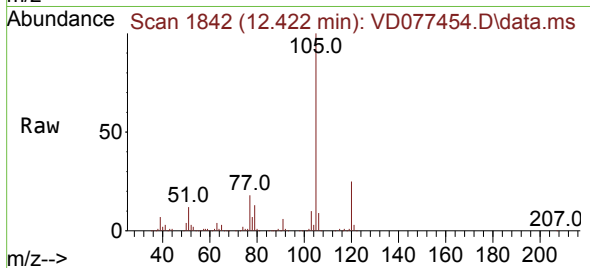
Tgt Ion:152 Resp: 205173
Ion Ratio Lower Upper
152 100
115 61.7 27.1 81.3
150 164.0 0.0 353.6



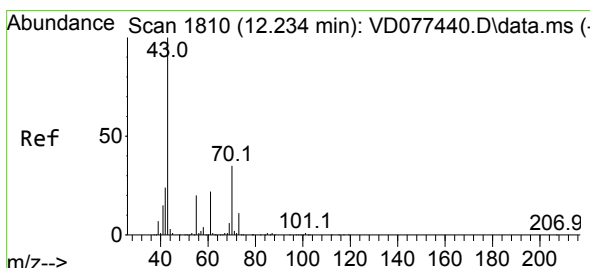
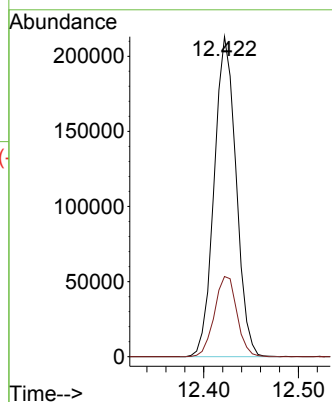
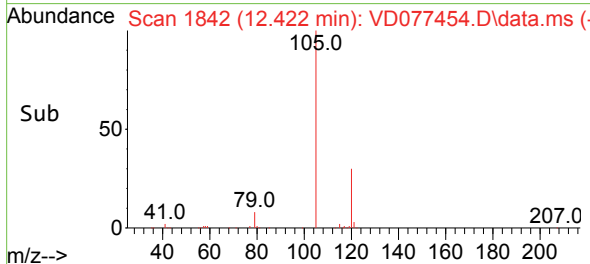


#73
Isopropylbenzene
Concen: 20.461 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

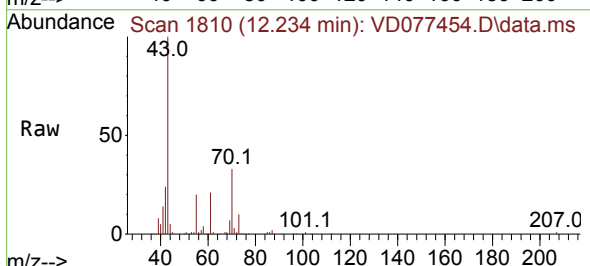
Instrument :
MSVOA_D
ClientSampleId :



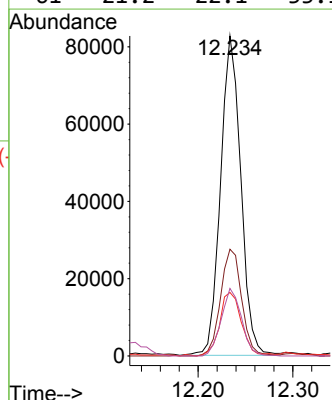
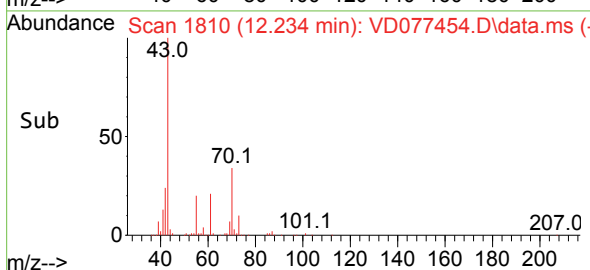
Tgt Ion:105 Resp: 342267
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9

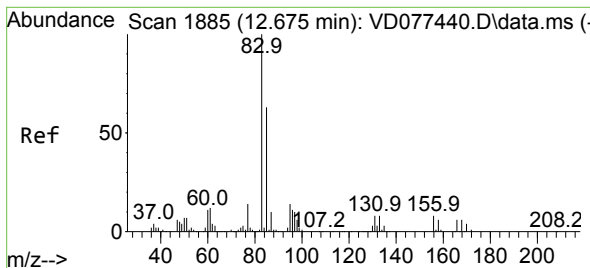


#74
N-ethyl acetate
Concen: 20.773 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



Tgt Ion: 43 Resp: 123084
Ion Ratio Lower Upper
43 100
70 34.8 45.0 67.4#
55 21.6 23.8 35.6#
61 21.2 22.1 33.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.468 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

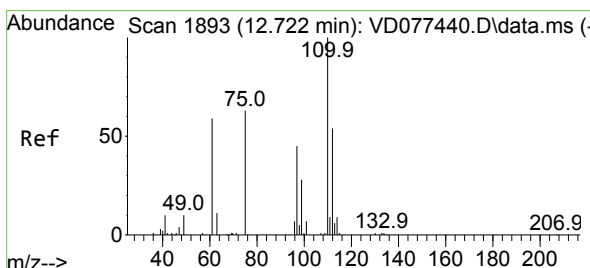
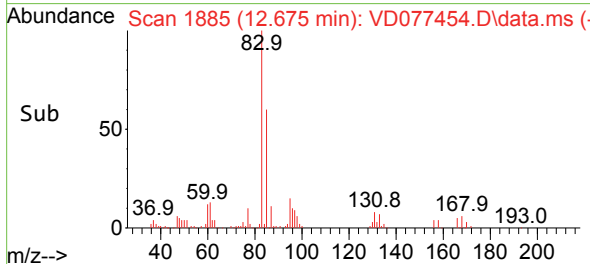
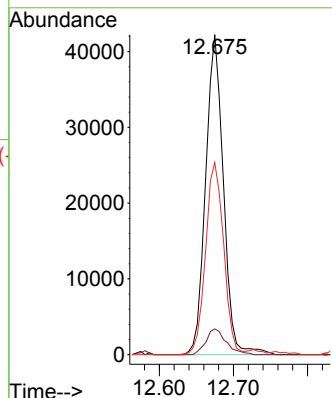
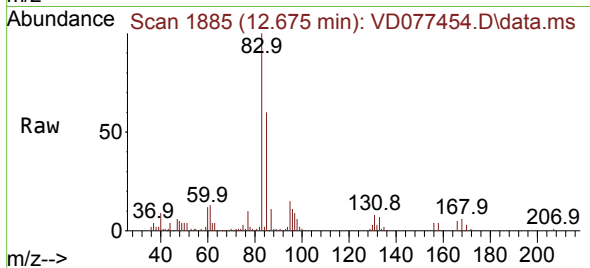
Tgt Ion: 83 Resp: 70396

Ion Ratio Lower Upper

83 100

131 9.2 5.1 15.3

85 61.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 36.951 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD077454.D

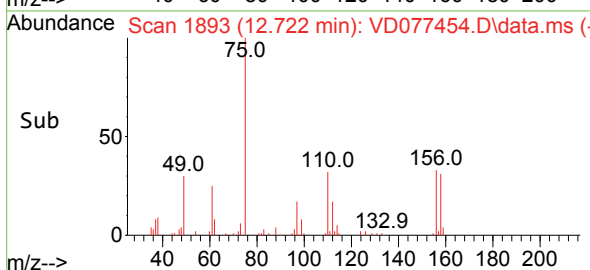
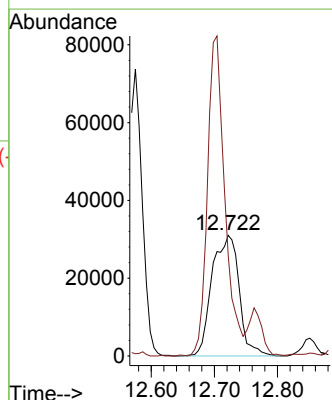
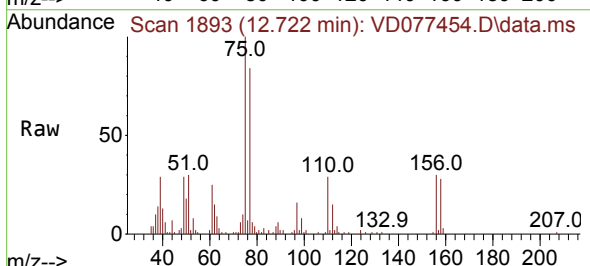
Acq: 31 Oct 2023 11:48

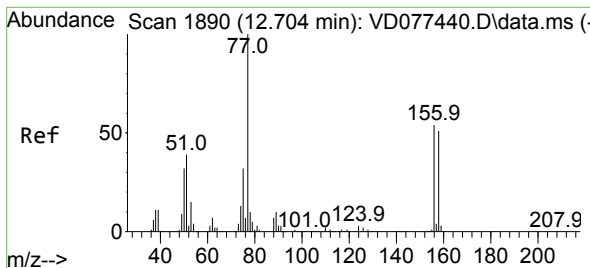
Tgt Ion: 75 Resp: 92273

Ion Ratio Lower Upper

75 100

77 170.8 0.0 0.0#





#77

Bromobenzene

Concen: 19.394 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077454.D

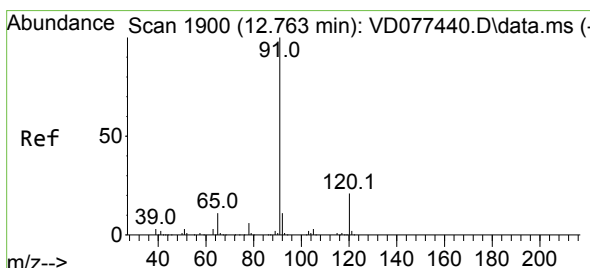
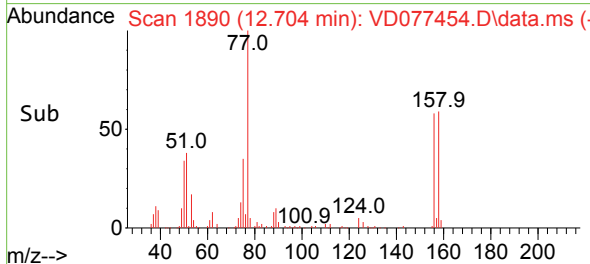
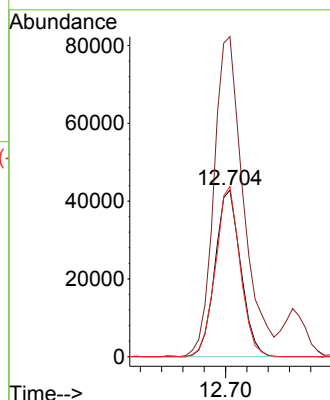
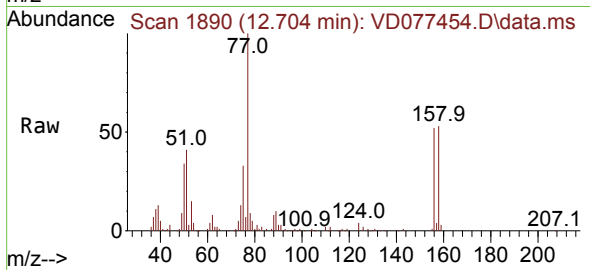
Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	71411
Ion Ratio	Lower	Upper	
156	100		
77	220.7	76.8	230.4
158	98.4	48.6	145.9



#78

n-propylbenzene

Concen: 20.587 ug/l

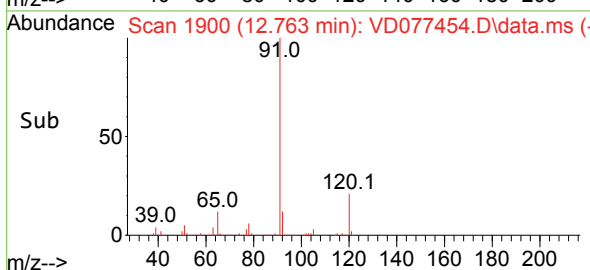
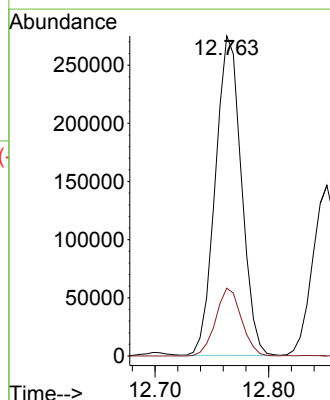
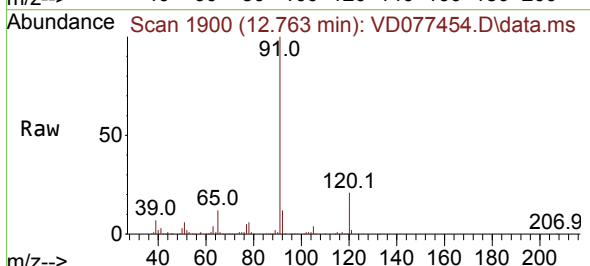
RT: 12.763 min Scan# 1900

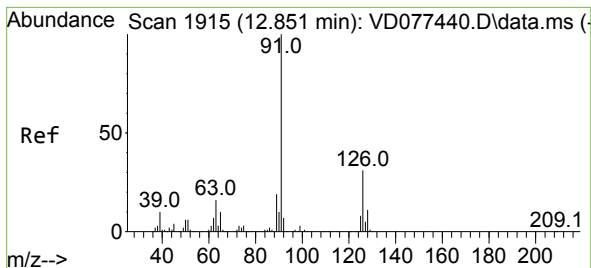
Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Tgt Ion:	91	Resp:	437275
Ion Ratio	Lower	Upper	
91	100		
120	21.0	12.4	37.2





#79

2-Chlorotoluene

Concen: 20.190 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

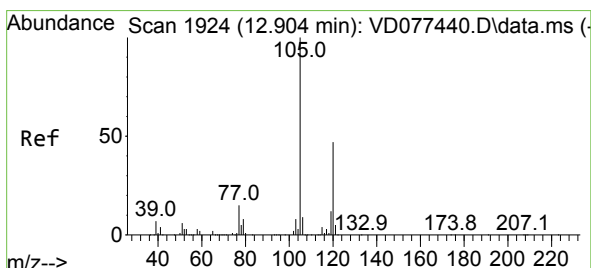
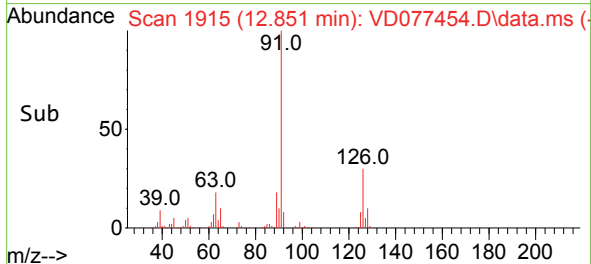
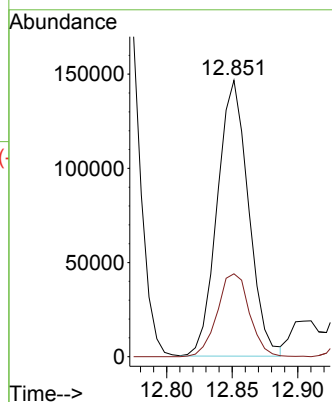
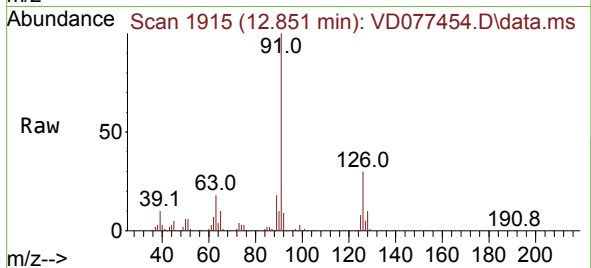
ClientSampleId :

Tgt Ion: 91 Resp: 242809

Ion Ratio Lower Upper

91 100

126 30.9 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.310 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077454.D

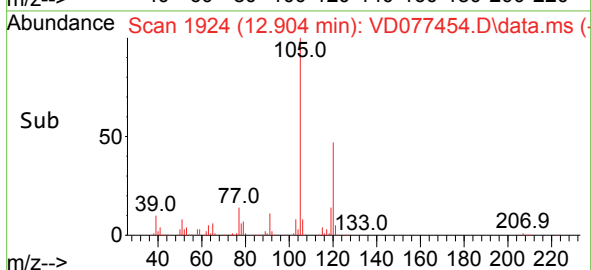
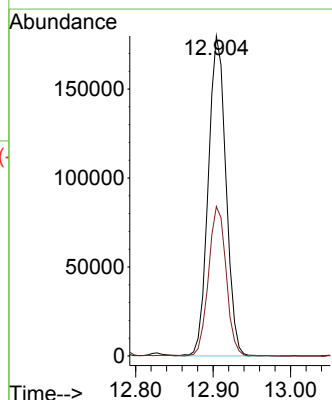
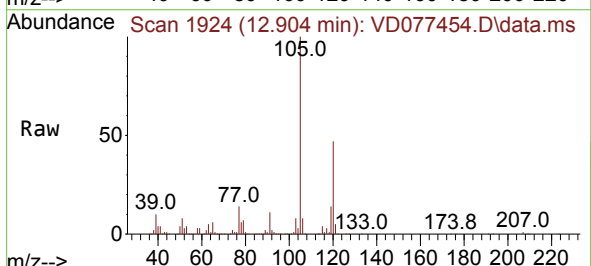
Acq: 31 Oct 2023 11:48

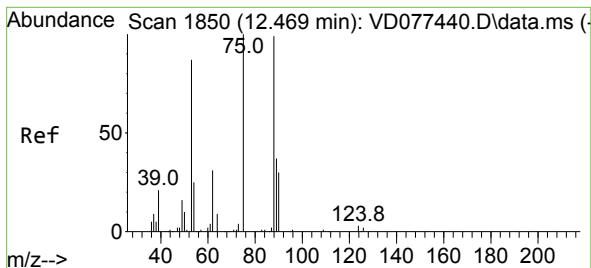
Tgt Ion:105 Resp: 285079

Ion Ratio Lower Upper

105 100

120 46.5 26.4 79.2

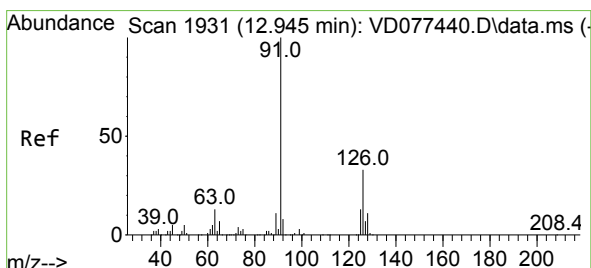
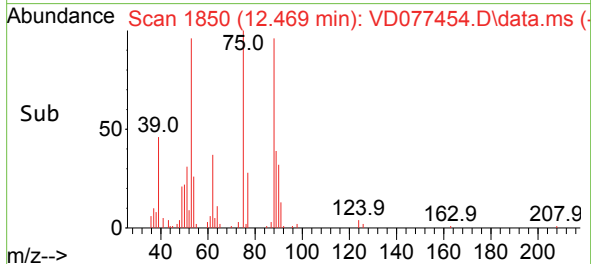
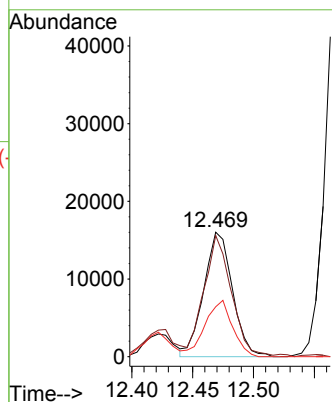
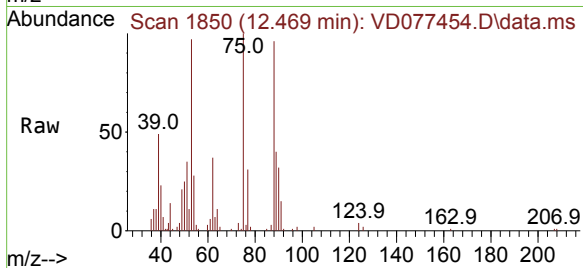




#81
trans-1,4-Dichloro-2-butene
Concen: 20.327 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

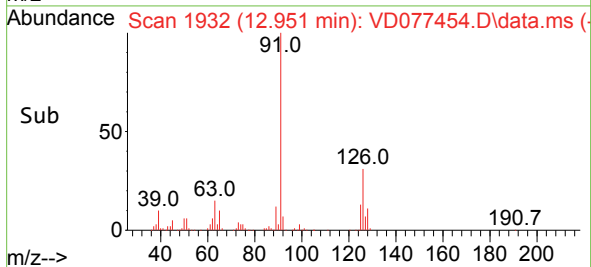
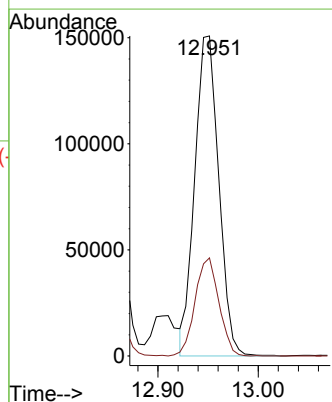
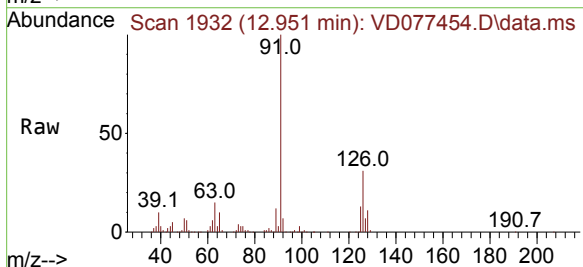
Instrument :
MSVOA_D
ClientSampleId :

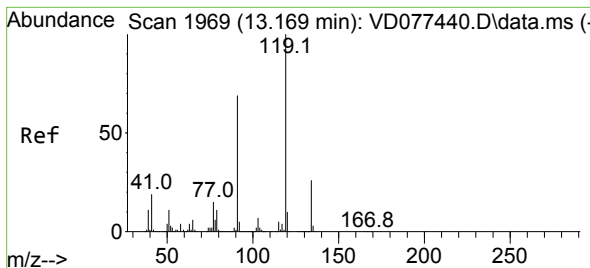
Tgt Ion: 75 Resp: 26278
Ion Ratio Lower Upper
75 100
53 93.7 63.0 94.4
89 43.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.055 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 91 Resp: 251232
Ion Ratio Lower Upper
91 100
126 30.4 19.4 58.4





#83

tert-Butylbenzene

Concen: 20.214 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

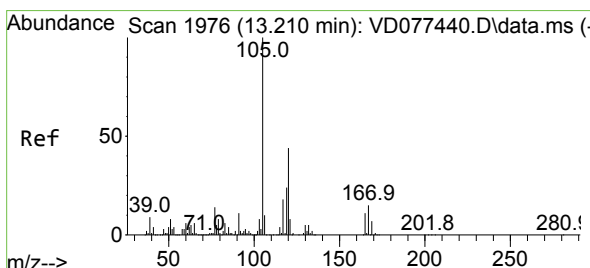
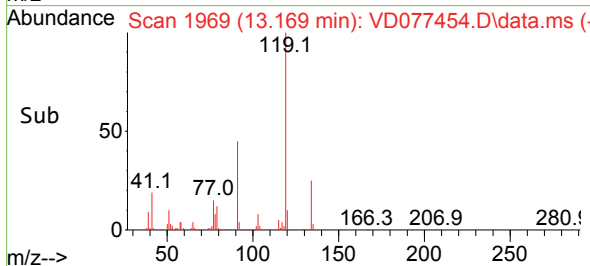
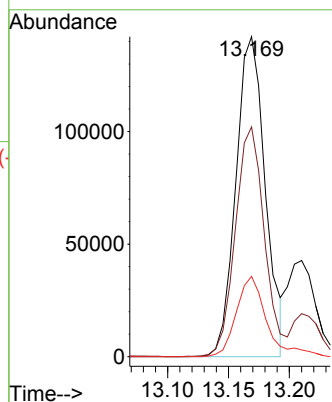
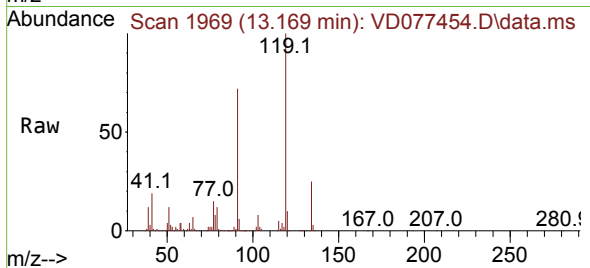
Tgt Ion:119 Resp: 238543

Ion Ratio Lower Upper

119 100

91 71.5 29.3 87.8

134 26.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.290 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077454.D

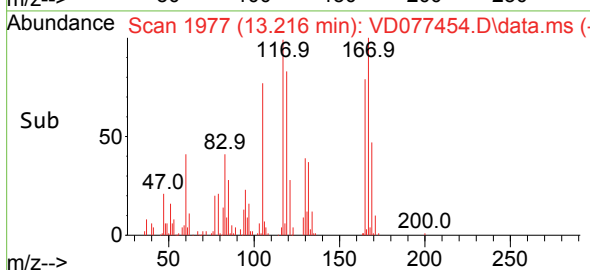
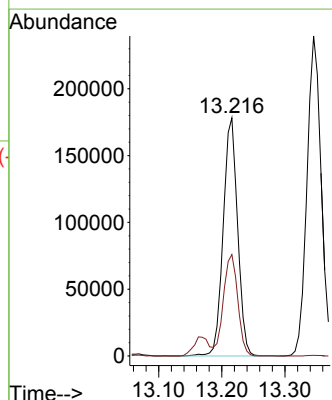
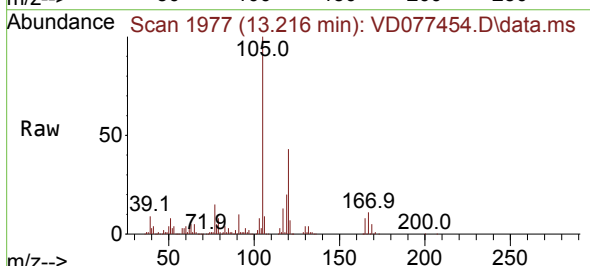
Acq: 31 Oct 2023 11:48

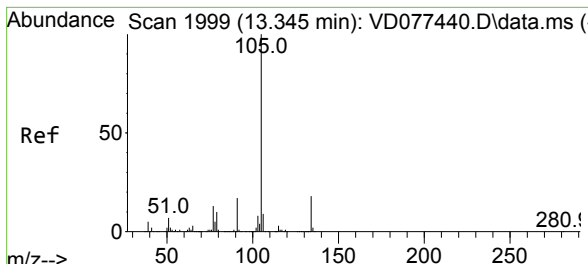
Tgt Ion:105 Resp: 282901

Ion Ratio Lower Upper

105 100

120 42.2 24.3 72.9

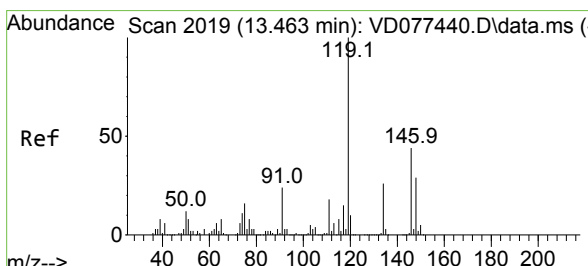
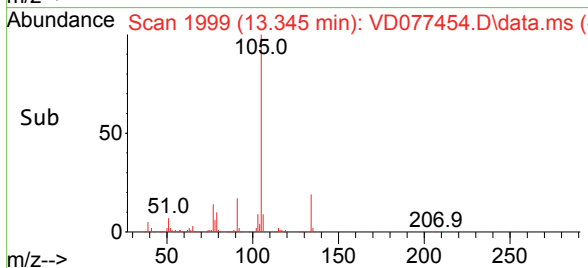
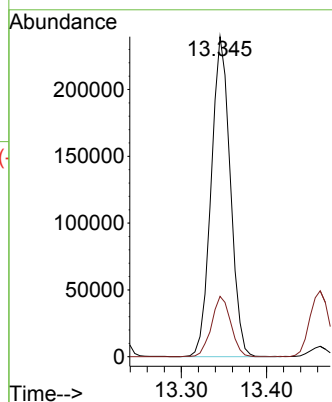
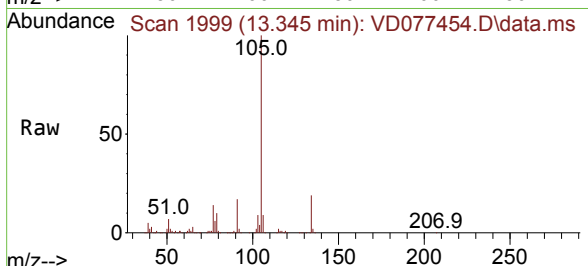




#85
 sec-Butylbenzene
 Concen: 20.663 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

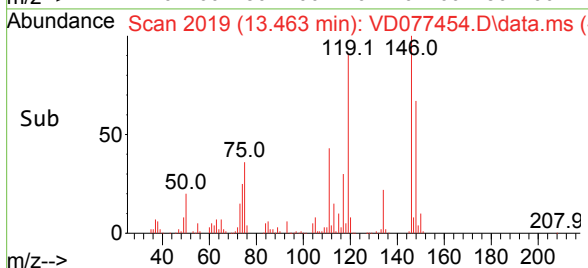
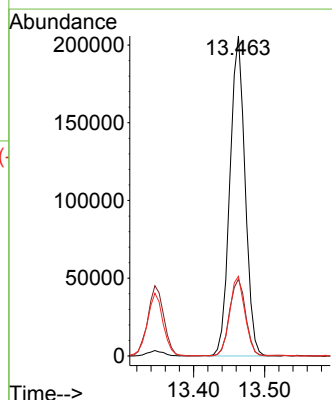
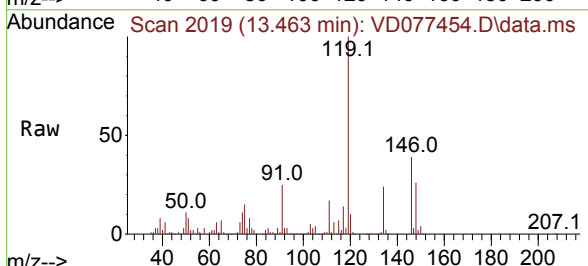
Instrument :
 MSVOA_D
 ClientSampleId :

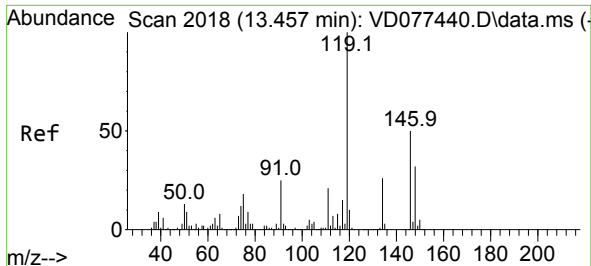
Tgt Ion:105 Resp: 373097
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.773 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077454.D
 Acq: 31 Oct 2023 11:48

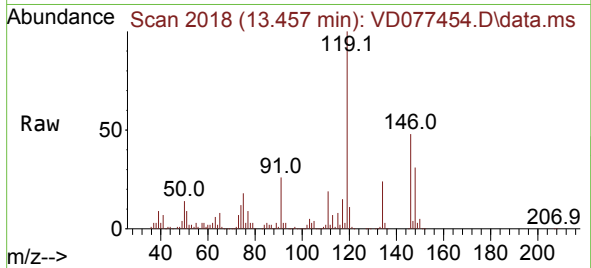
Tgt Ion:119 Resp: 304871
 Ion Ratio Lower Upper
 119 100
 134 25.4 14.2 42.6
 91 25.2 10.5 31.5



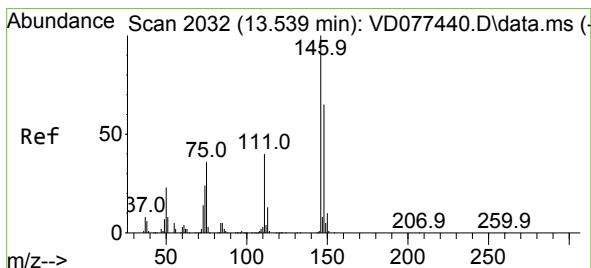
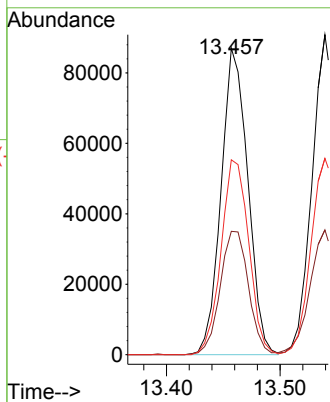
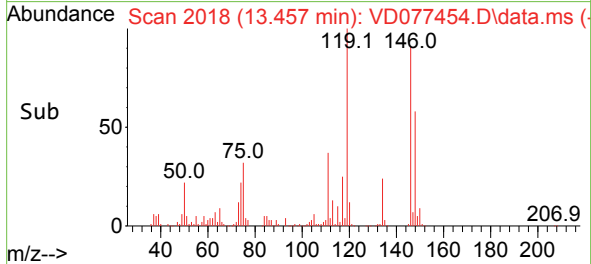


#87
1,3-Dichlorobenzene
Concen: 19.672 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

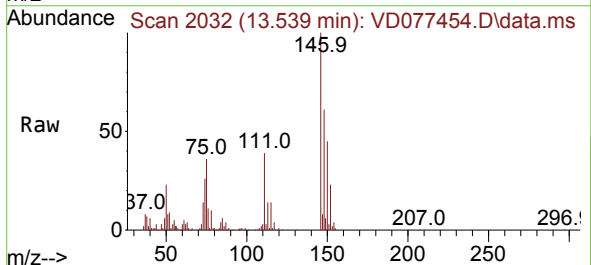
Instrument :
MSVOA_D
ClientSampleId :



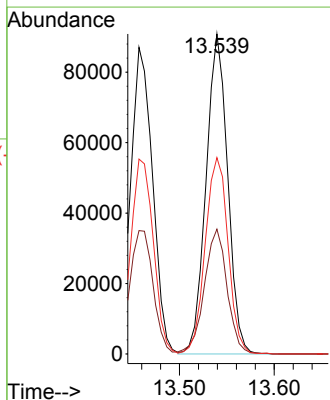
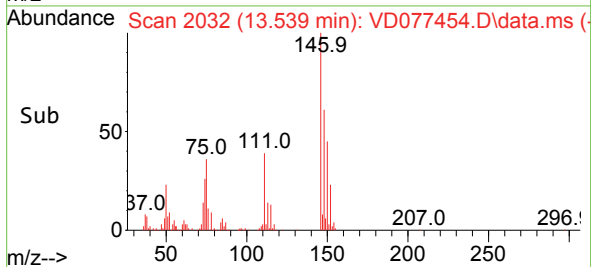
Tgt Ion:146 Resp: 142382
Ion Ratio Lower Upper
146 100
111 42.6 17.9 53.8
148 65.7 32.3 96.8

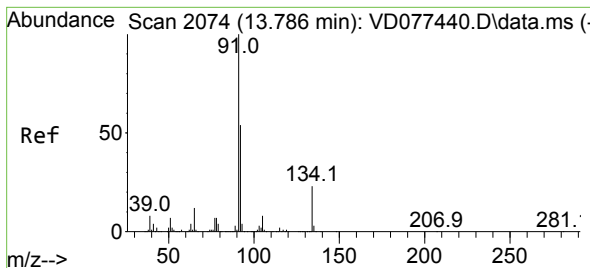


#88
1,4-Dichlorobenzene
Concen: 19.919 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48



Tgt Ion:146 Resp: 144041
Ion Ratio Lower Upper
146 100
111 41.2 17.4 52.3
148 64.8 31.7 95.1





#89

n-Butylbenzene

Concen: 21.063 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

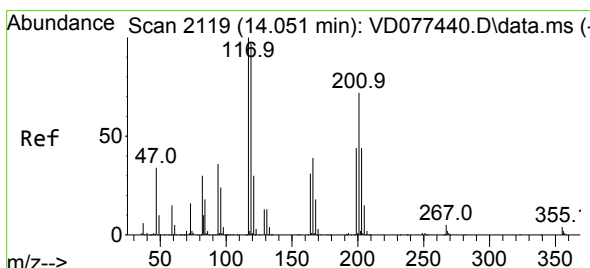
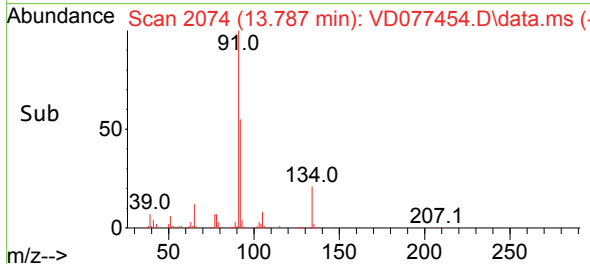
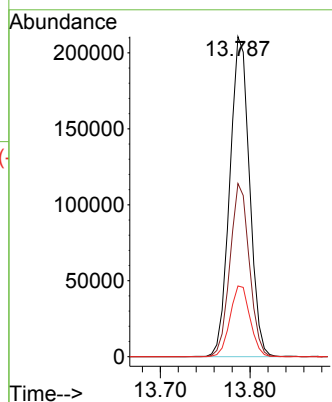
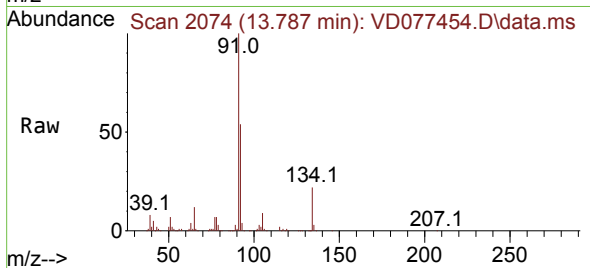
Tgt Ion: 91 Resp: 321303

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 22.4 13.8 41.3



#90

Hexachloroethane

Concen: 20.170 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077454.D

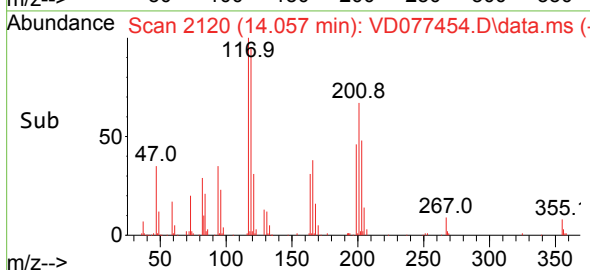
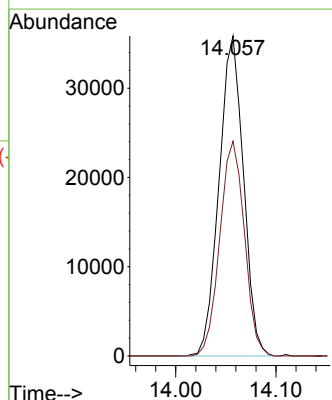
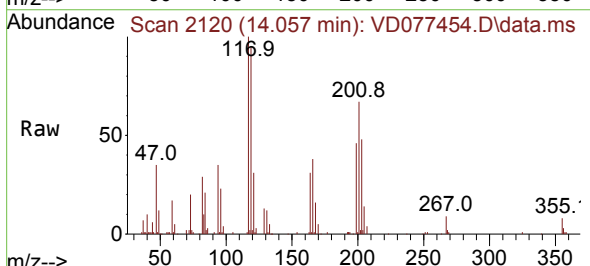
Acq: 31 Oct 2023 11:48

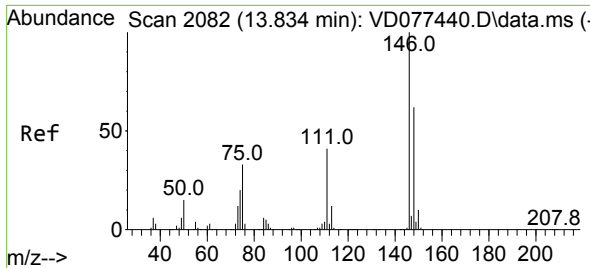
Tgt Ion: 117 Resp: 60577

Ion Ratio Lower Upper

117 100

201 67.8 38.5 115.5

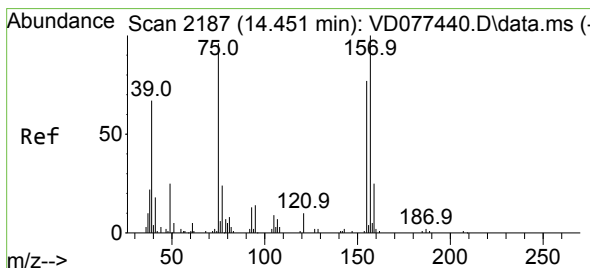
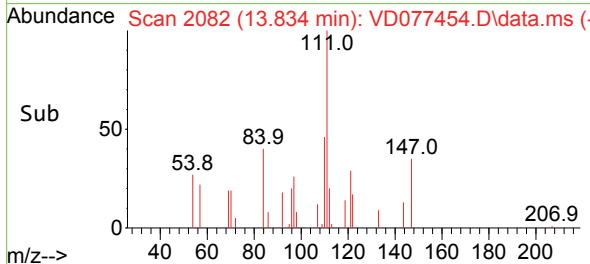
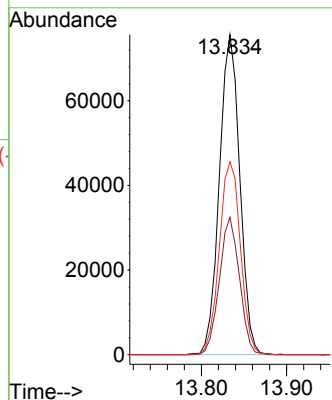
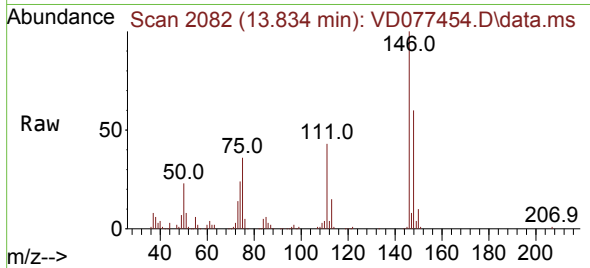




#91
1,2-Dichlorobenzene
Concen: 19.858 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

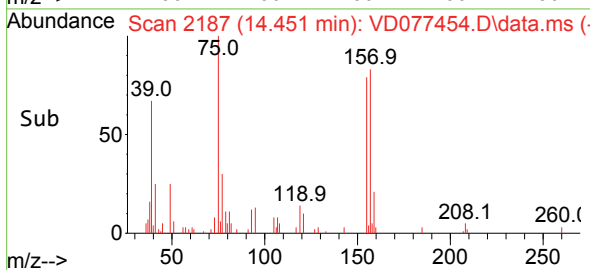
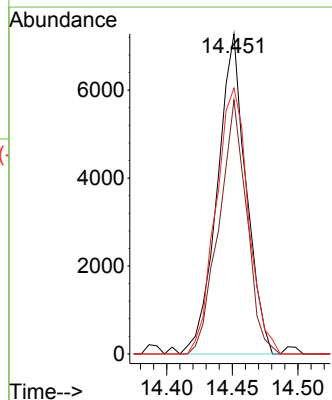
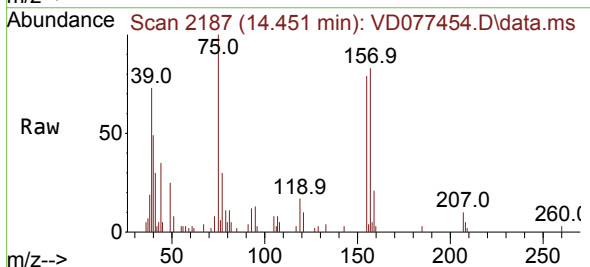
Instrument :
MSVOA_D
ClientSampleId :

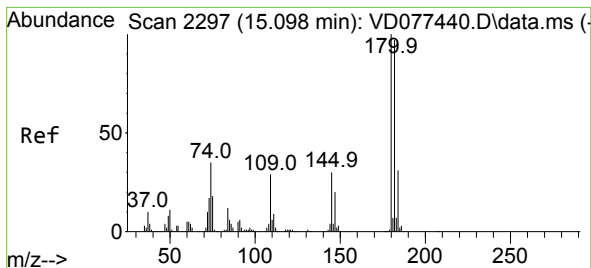
Tgt Ion:146 Resp: 126307
Ion Ratio Lower Upper
146 100
111 42.1 18.3 54.8
148 62.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.132 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 75 Resp: 11121
Ion Ratio Lower Upper
75 100
155 76.1 47.9 143.8
157 93.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.207 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

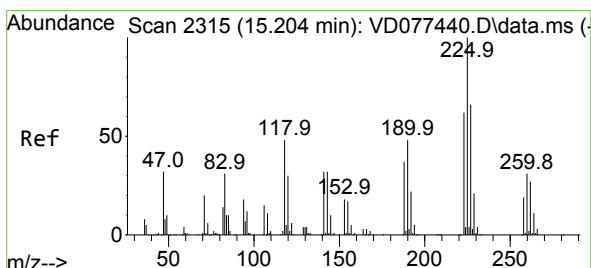
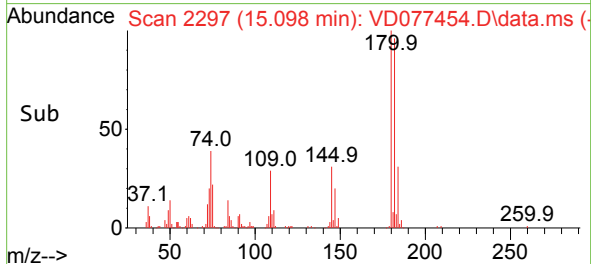
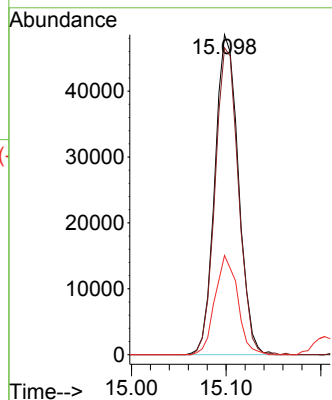
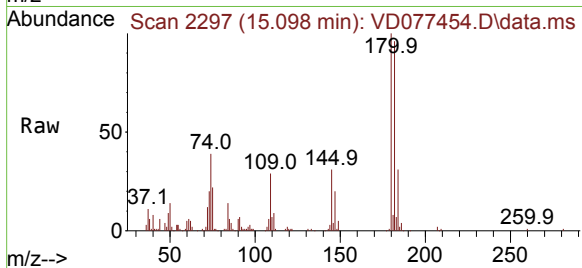
Tgt Ion:180 Resp: 83928

Ion Ratio Lower Upper

180 100

182 95.2 48.5 145.6

145 29.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.557 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077454.D

Acq: 31 Oct 2023 11:48

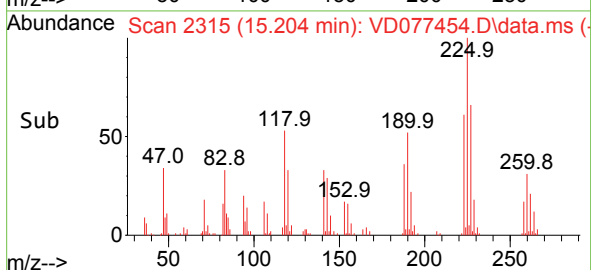
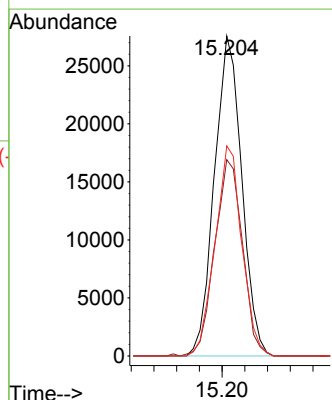
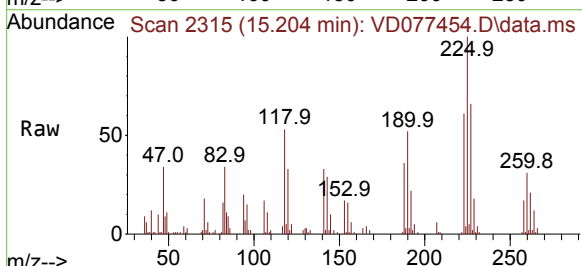
Tgt Ion:225 Resp: 46096

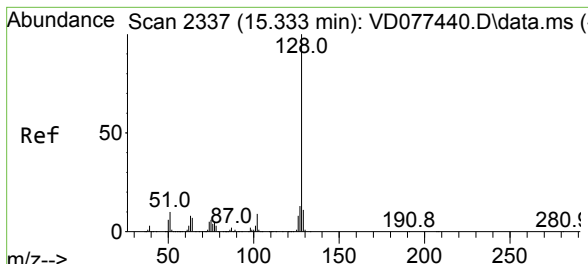
Ion Ratio Lower Upper

225 100

223 62.4 31.6 94.8

227 64.3 31.7 95.1

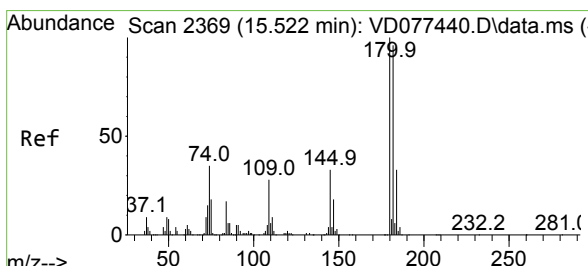
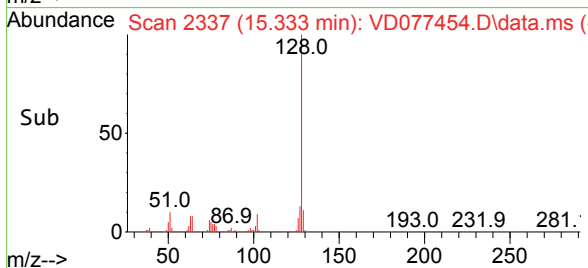
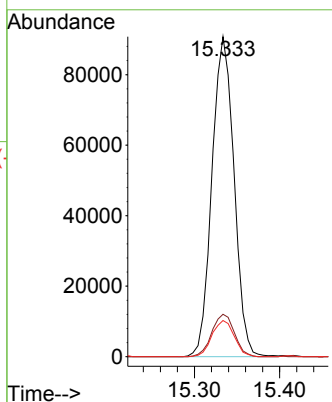
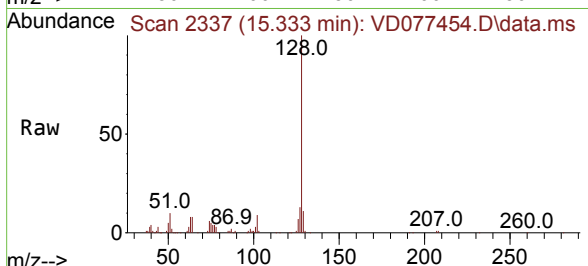




#95
Naphthalene
Concen: 19.622 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	163568
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.194 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077454.D
Acq: 31 Oct 2023 11:48

Tgt Ion:	180	Resp:	72398
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.3	141.9
145	33.6	15.1	45.3

