

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077504.D
 Acq On : 06 Nov 2023 09:46
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 07 02:06:58 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	261687	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	460934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	405598	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	186220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	172025	46.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.980%
35) Dibromofluoromethane	7.804	113	156042	48.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.960%
50) Toluene-d8	10.269	98	632631	51.124	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.575	95	198889	47.720	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	94994	45.020	ug/l	96
3) Chloromethane	2.152	50	182380	54.442	ug/l	97
4) Vinyl Chloride	2.287	62	202227	61.905	ug/l	98
5) Bromomethane	2.699	94	115377	67.401	ug/l	99
6) Chloroethane	2.846	64	139231	63.304	ug/l	97
7) Trichlorofluoromethane	3.181	101	225571	49.308	ug/l	97
8) Diethyl Ether	3.593	74	76649	46.611	ug/l	# 54
9) 1,1,2-Trichlorotrifluo...	3.969	101	135052	48.901	ug/l	95
10) Methyl Iodide	4.169	142	154949	44.776	ug/l	# 91
11) Tert butyl alcohol	5.052	59	55976	190.966	ug/l	# 91
12) 1,1-Dichloroethene	3.946	96	132163	50.548	ug/l	# 66
13) Acrolein	3.799	56	67863	175.566	ug/l	96
14) Allyl chloride	4.569	41	301037	47.727	ug/l	# 83
15) Acrylonitrile	5.257	53	201927	227.152	ug/l	96
16) Acetone	4.016	43	274113	279.946	ug/l	# 78
17) Carbon Disulfide	4.281	76	384727	47.876	ug/l	97
18) Methyl Acetate	4.563	43	169456	47.445	ug/l	# 75
19) Methyl tert-butyl Ether	5.322	73	374833	45.672	ug/l	93
20) Methylene Chloride	4.805	84	164752	44.491	ug/l	# 66
21) trans-1,2-Dichloroethene	5.316	96	152770	50.170	ug/l	# 70
22) Diisopropyl ether	6.216	45	628758	46.903	ug/l	# 88
23) Vinyl Acetate	6.157	43	1515863	262.107	ug/l	# 83
24) 1,1-Dichloroethane	6.116	63	330607	47.529	ug/l	96
25) 2-Butanone	7.081	43	301034	230.491	ug/l	# 72
26) 2,2-Dichloropropane	7.081	77	285953	46.388	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	182169	48.289	ug/l	73
28) Bromochloromethane	7.428	49	132949	42.489	ug/l	# 56
29) Tetrahydrofuran	7.446	42	169082	218.281	ug/l	# 72
30) Chloroform	7.598	83	307238	47.306	ug/l	96
31) Cyclohexane	7.875	56	286496	49.527	ug/l	# 74
32) 1,1,1-Trichloroethane	7.798	97	260366	48.656	ug/l	94
36) 1,1-Dichloropropene	8.010	75	239664	50.739	ug/l	92
37) Ethyl Acetate	7.163	43	122114	45.048	ug/l	# 90
38) Carbon Tetrachloride	7.993	117	221801	49.831	ug/l	96
39) Methylcyclohexane	9.275	83	277247	51.443	ug/l	# 85
40) Benzene	8.251	78	678884	50.403	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	78693	45.370	ug/l #	70
42) 1,2-Dichloroethane	8.328	62	192990	45.239	ug/l	89
43) Isopropyl Acetate	8.357	43	240613	43.013	ug/l #	82
44) Trichloroethene	9.028	130	159796	48.434	ug/l	86
45) 1,2-Dichloropropane	9.304	63	193225	48.728	ug/l	98
46) Dibromomethane	9.393	93	85671	44.894	ug/l	90
47) Bromodichloromethane	9.587	83	231535	45.904	ug/l	98
48) Methyl methacrylate	9.381	41	116767	43.729	ug/l #	66
49) 1,4-Dioxane	9.381	88	17948	875.285	ug/l #	68
51) 4-Methyl-2-Pentanone	10.157	43	606401	220.236	ug/l #	81
52) Toluene	10.334	92	406694	49.530	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	245653	45.994	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	288551	46.948	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	116210	45.644	ug/l	93
56) Ethyl methacrylate	10.598	69	170228	44.969	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	222168	46.686	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	464928	245.330	ug/l #	85
59) 2-Hexanone	10.922	43	467378	230.422	ug/l	79
60) Dibromochloromethane	11.075	129	138070	45.099	ug/l	93
61) 1,2-Dibromoethane	11.181	107	107173	44.451	ug/l	100
64) Tetrachloroethene	10.810	164	123208	47.713	ug/l	92
65) Chlorobenzene	11.610	112	412721	48.571	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	151646	47.226	ug/l	96
67) Ethyl Benzene	11.687	91	816876	49.963	ug/l	94
68) m/p-Xylenes	11.792	106	588362	99.655	ug/l	81
69) o-Xylene	12.122	106	283805	50.185	ug/l	82
70) Styrene	12.134	104	477168	48.911	ug/l #	90
71) Bromoform	12.298	173	78948	44.348	ug/l #	98
73) Isopropylbenzene	12.422	105	758116	49.933	ug/l	95
74) N-amyl acetate	12.234	43	230058	42.779	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	134580	45.220	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	185076	81.658	ug/l #	100
77) Bromobenzene	12.704	156	159742	47.800	ug/l	75
78) n-propylbenzene	12.763	91	962082	49.906	ug/l	93
79) 2-Chlorotoluene	12.851	91	513966	47.087	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	619439	48.623	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	53310	45.434	ug/l	89
82) 4-Chlorotoluene	12.951	91	529983	46.613	ug/l	90
83) tert-Butylbenzene	13.169	119	530005	49.483	ug/l	90
84) 1,2,4-Trimethylbenzene	13.216	105	625386	49.418	ug/l	92
85) sec-Butylbenzene	13.345	105	818655	49.954	ug/l	94
86) p-Isopropyltoluene	13.463	119	670656	50.346	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	323103	49.185	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	311572	47.472	ug/l	96
89) n-Butylbenzene	13.786	91	687927	49.687	ug/l	97
90) Hexachloroethane	14.057	117	131159	48.116	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	274417	47.534	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	21807	43.494	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	184017	46.399	ug/l	99
94) Hexachlorobutadiene	15.204	225	104002	48.615	ug/l	99
95) Naphthalene	15.333	128	347270	45.900	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	156764	45.792	ug/l	98

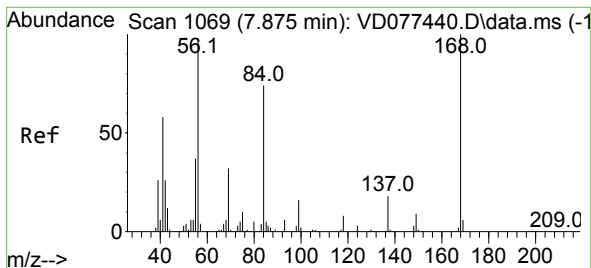
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Response via : Initial Calibration

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

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

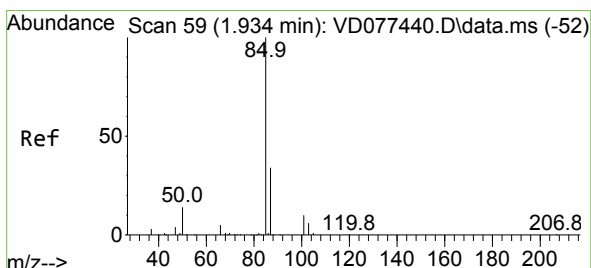
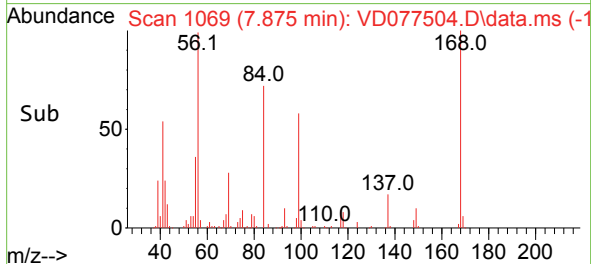
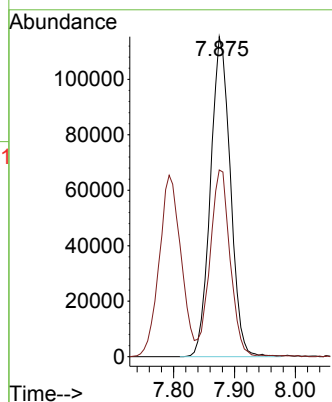
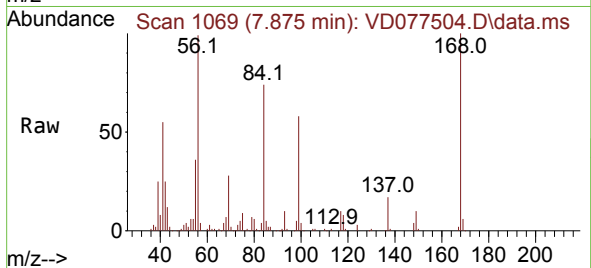
ClientSampleId :

Tgt Ion:168 Resp: 261687

Ion Ratio Lower Upper

168 100

99 58.0 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 45.020 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD077504.D

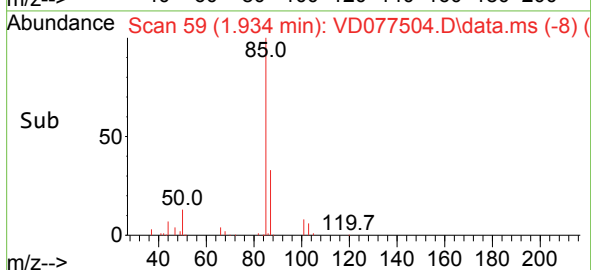
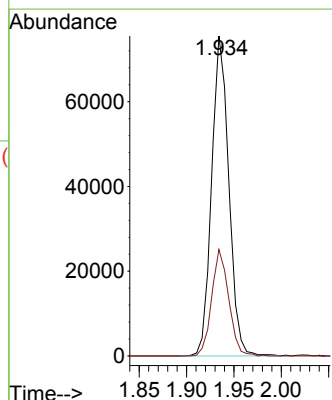
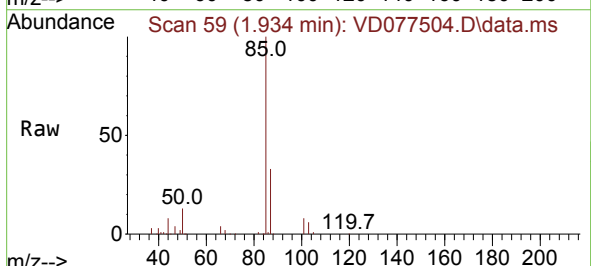
Acq: 06 Nov 2023 09:46

Tgt Ion: 85 Resp: 94994

Ion Ratio Lower Upper

85 100

87 33.2 15.7 47.0

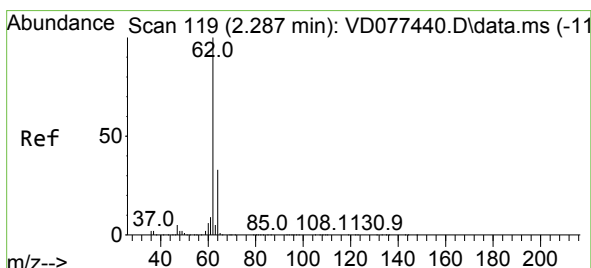
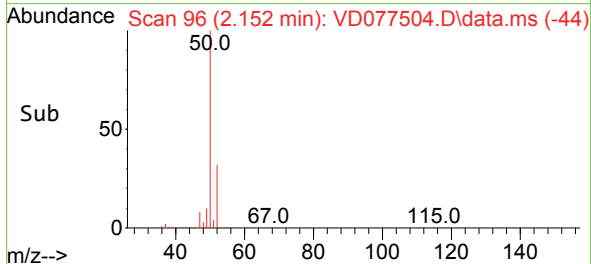
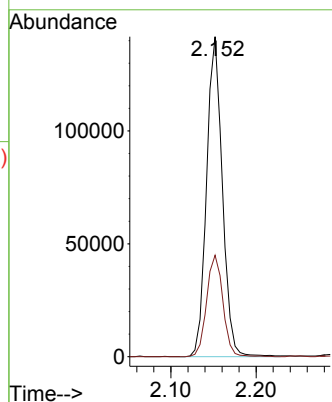
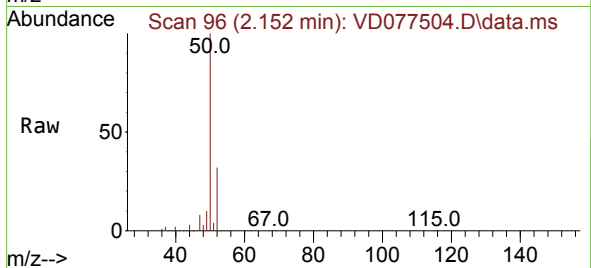




#3
Chloromethane
Concen: 54.442 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

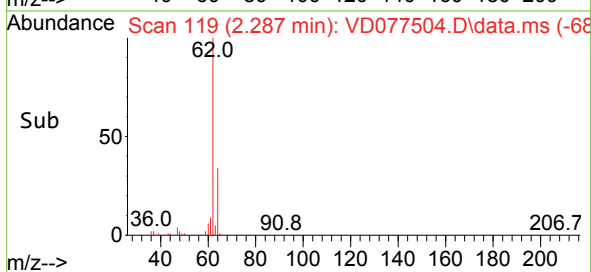
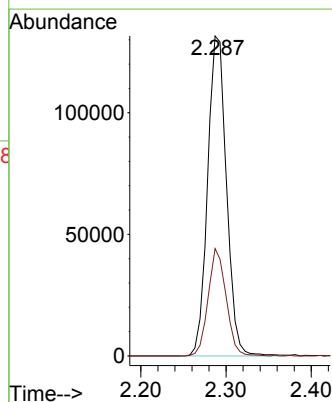
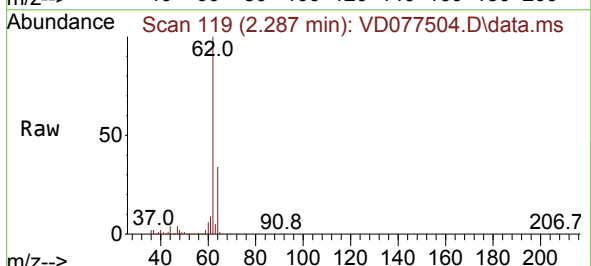
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 182380
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0



#4
Vinyl Chloride
Concen: 61.905 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 62 Resp: 202227
Ion Ratio Lower Upper
62 100
64 33.6 26.0 39.0

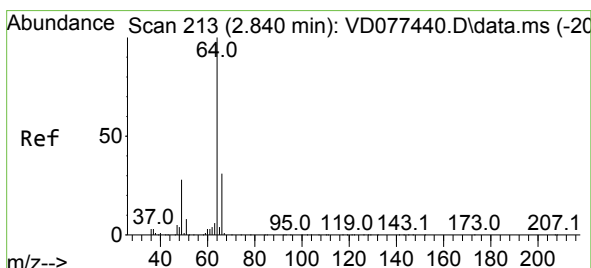
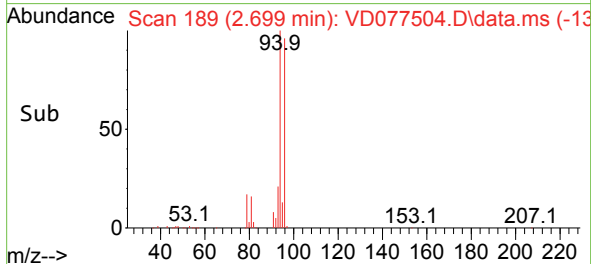
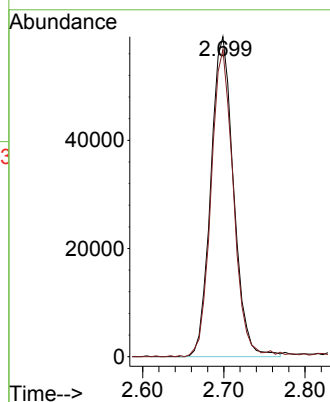
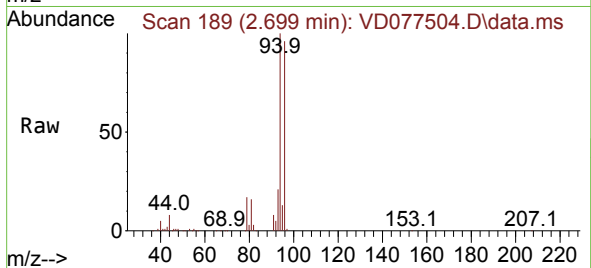




#5
Bromomethane
Concen: 67.401 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

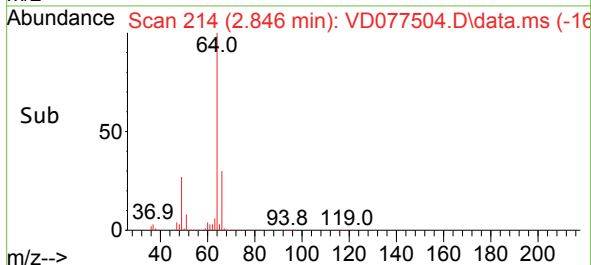
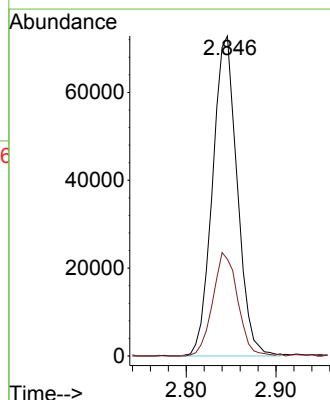
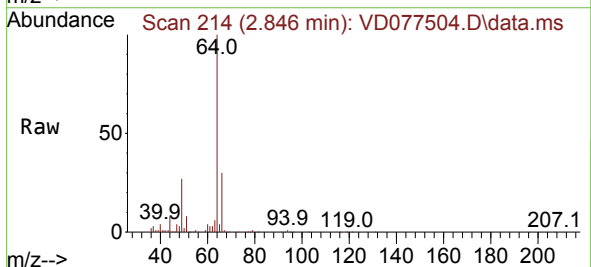
Instrument :
MSVOA_D
ClientSampleId :

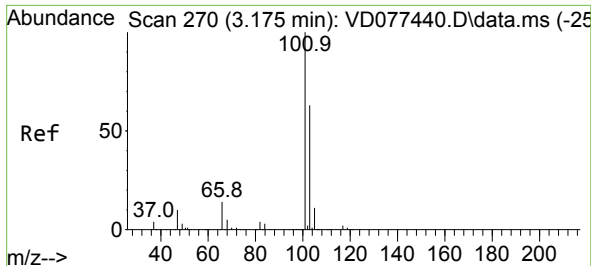
Tgt Ion: 94 Resp: 115377
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8



#6
Chloroethane
Concen: 63.304 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 64 Resp: 139231
Ion Ratio Lower Upper
64 100
66 30.3 25.5 38.3

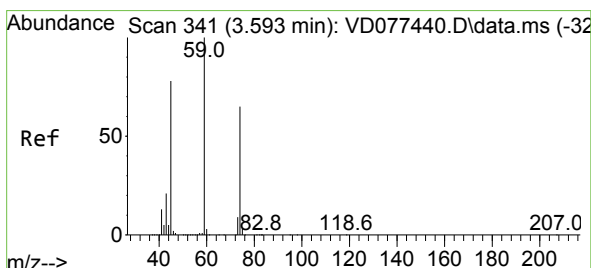
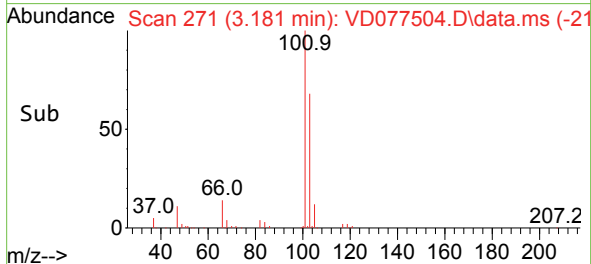
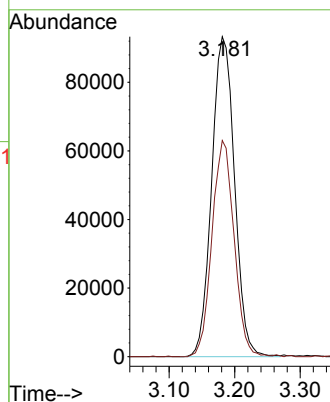
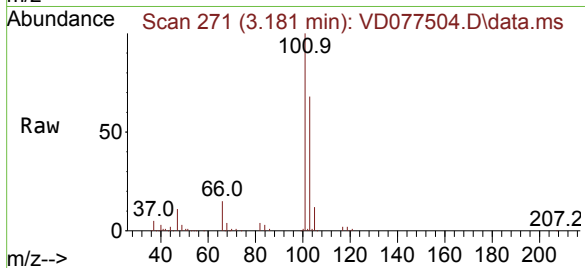




#7
Trichlorofluoromethane
Concen: 49.308 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077504.D
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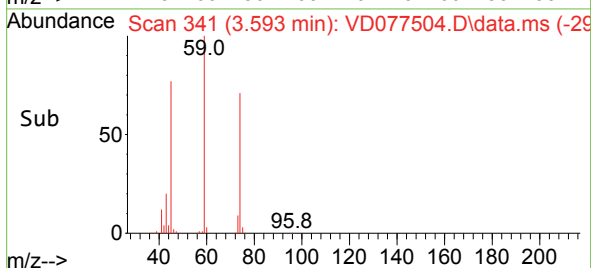
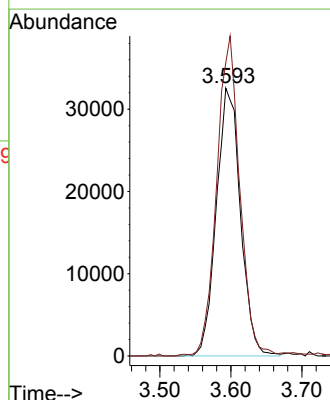
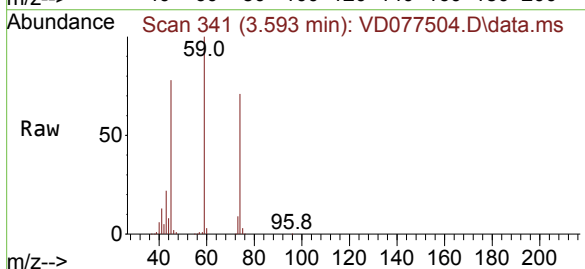
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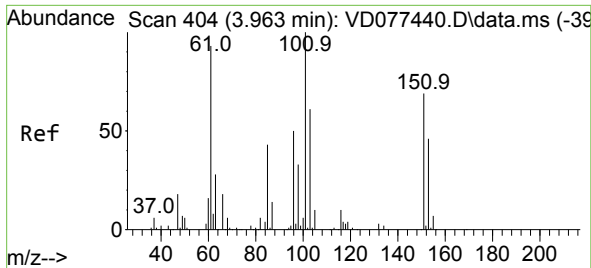
Tgt Ion:101 Resp: 225571
Ion Ratio Lower Upper
101 100
103 67.5 52.3 78.5



#8
Diethyl Ether
Concen: 46.611 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 74 Resp: 76649
Ion Ratio Lower Upper
74 100
45 114.6 37.5 112.7#

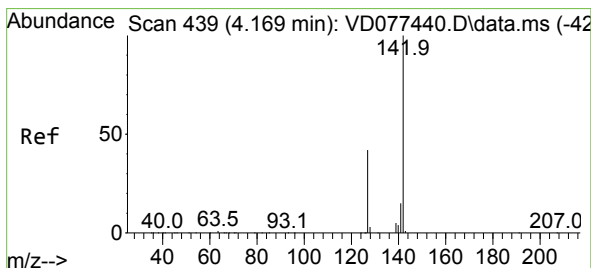
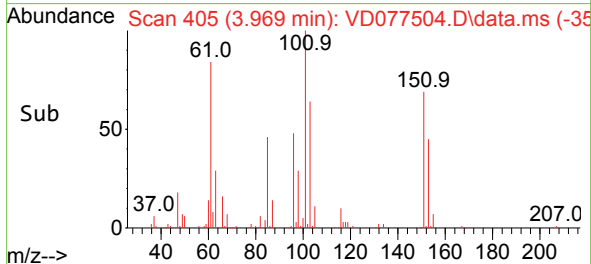
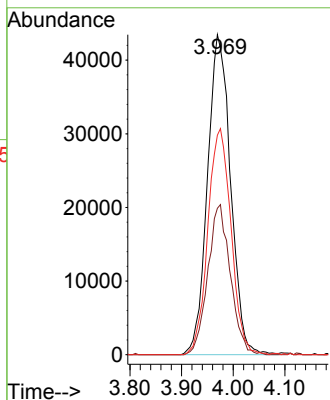
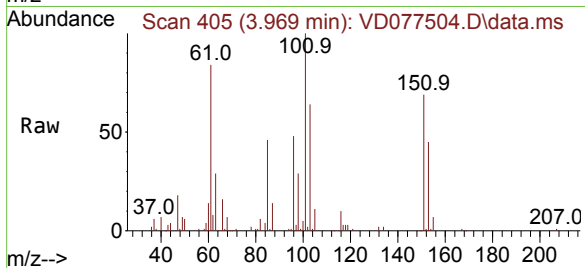




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.901 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077504.D
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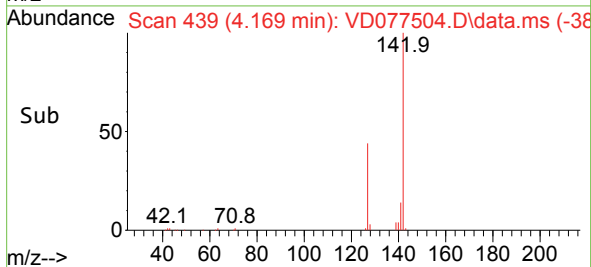
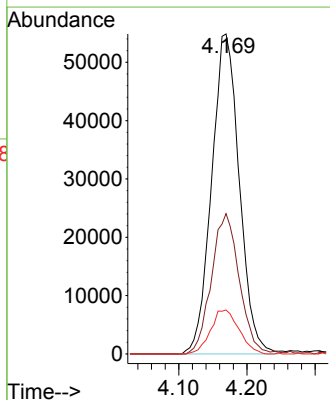
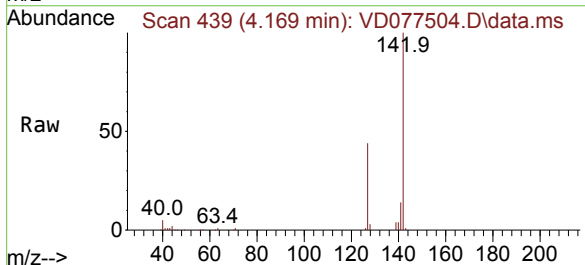
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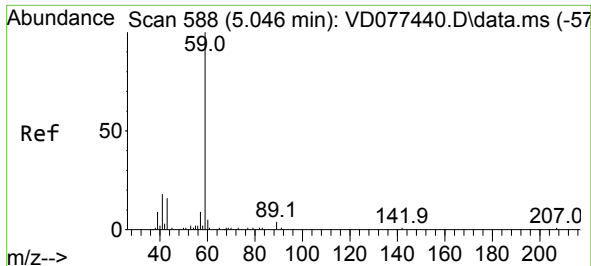
Tgt Ion:101 Resp: 135052
Ion Ratio Lower Upper
101 100
85 45.8 33.8 50.6
151 70.9 59.8 89.6



#10
Methyl Iodide
Concen: 44.776 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion:142 Resp: 154949
Ion Ratio Lower Upper
142 100
127 44.2 29.4 44.0#
141 14.1 11.1 16.7

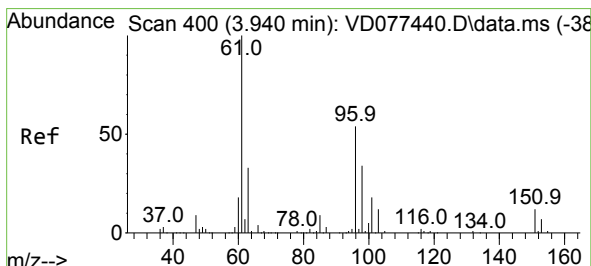
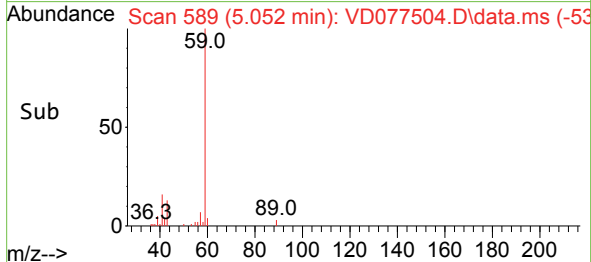
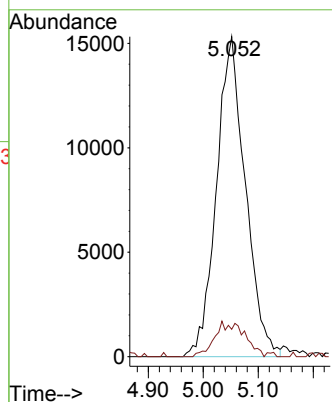
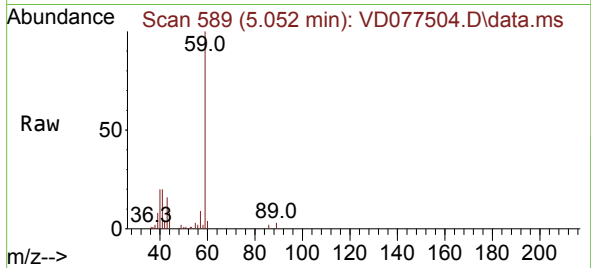




#11
Tert butyl alcohol
Concen: 190.966 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

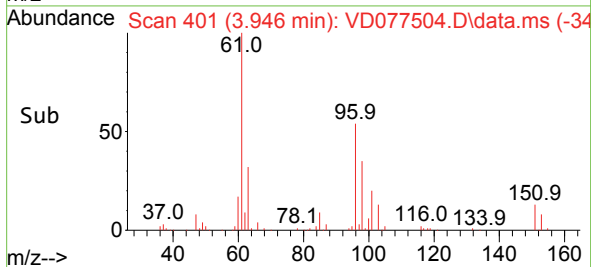
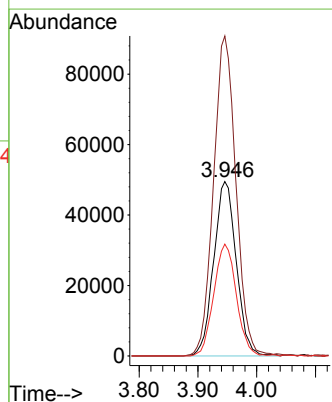
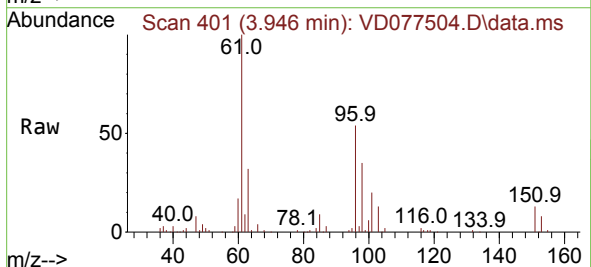
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 55976
Ion Ratio Lower Upper
59 100
57 6.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 50.548 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 96 Resp: 132163
Ion Ratio Lower Upper
96 100
61 183.5 100.6 150.8#
98 64.1 50.2 75.2





#13

Acrolein

Concen: 175.566 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

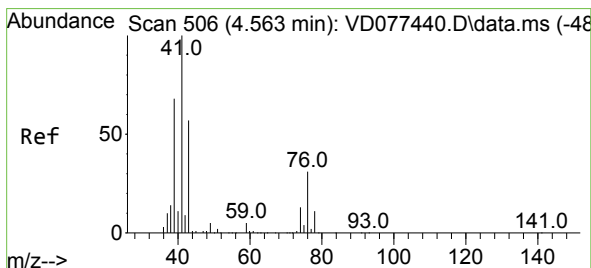
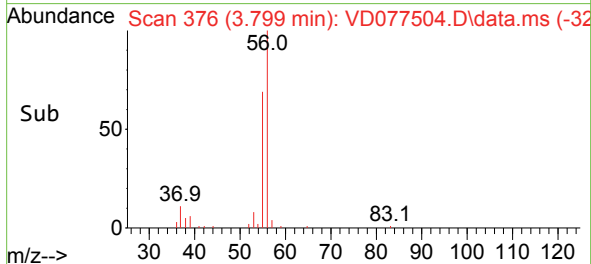
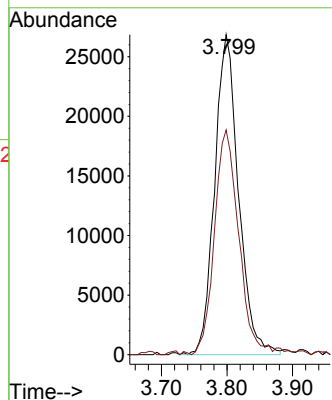
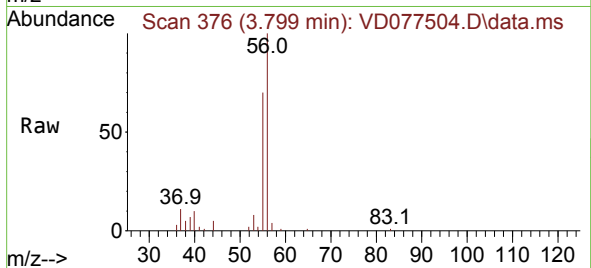
ClientSampleId :

Tgt Ion: 56 Resp: 67863

Ion Ratio Lower Upper

56 100

55 72.3 55.1 82.7



#14

Allyl chloride

Concen: 47.727 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

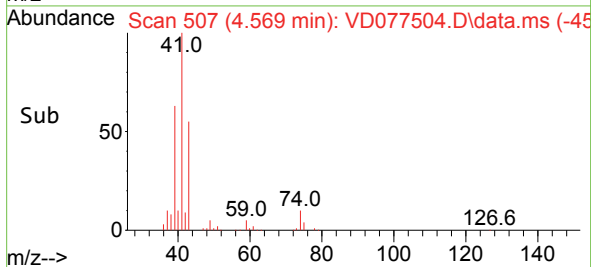
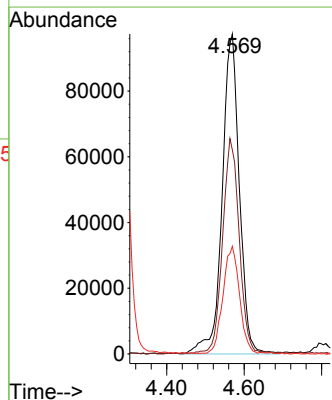
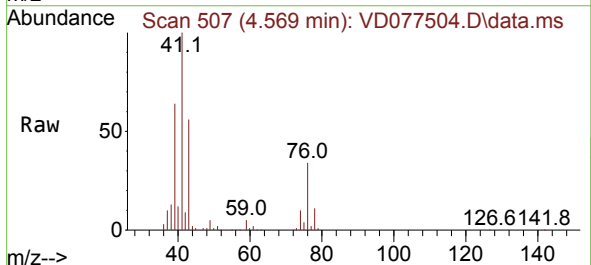
Tgt Ion: 41 Resp: 301037

Ion Ratio Lower Upper

41 100

39 65.4 53.8 80.6

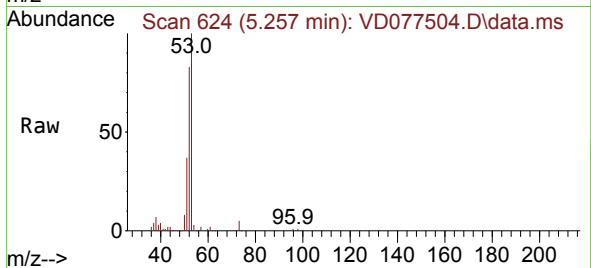
76 31.9 45.8 68.8#



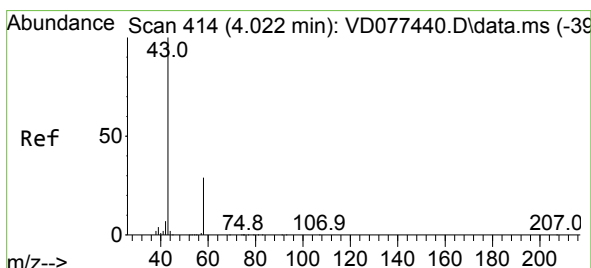
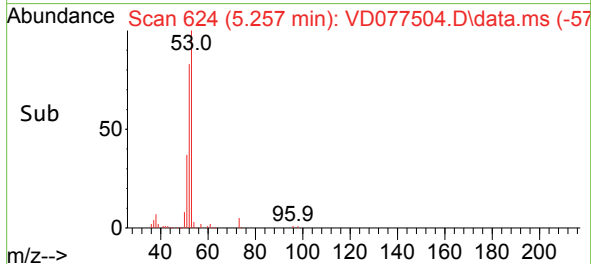
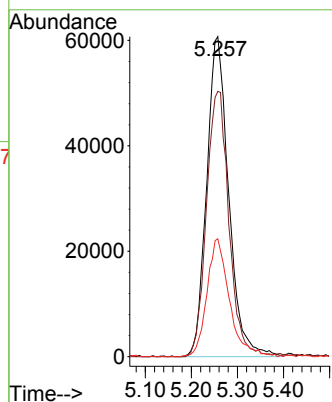


#15
Acrylonitrile
Concen: 227.152 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :

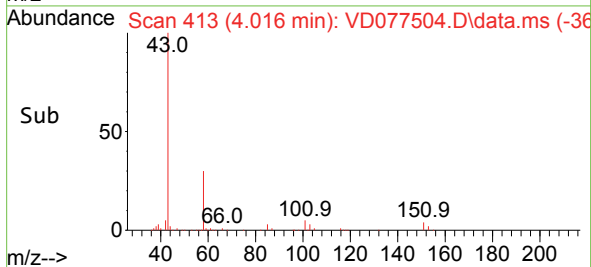
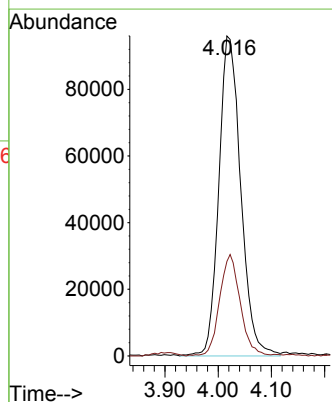
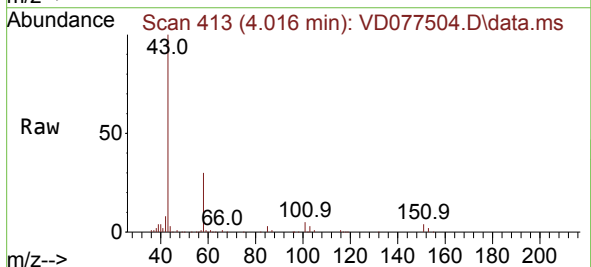


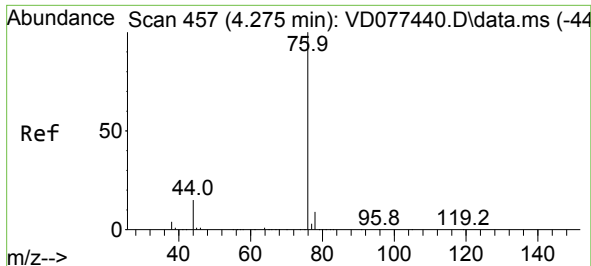
Tgt Ion: 53 Resp: 201927
Ion Ratio Lower Upper
53 100
52 84.5 65.0 97.4
51 37.6 28.3 42.5



#16
Acetone
Concen: 279.946 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 43 Resp: 274113
Ion Ratio Lower Upper
43 100
58 29.2 34.7 52.1#

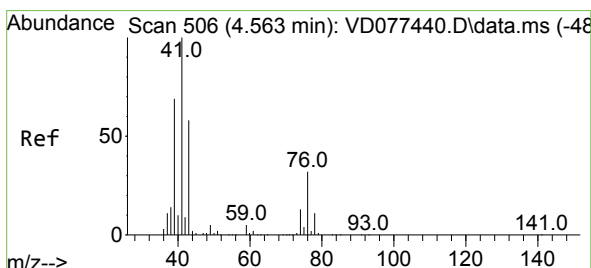
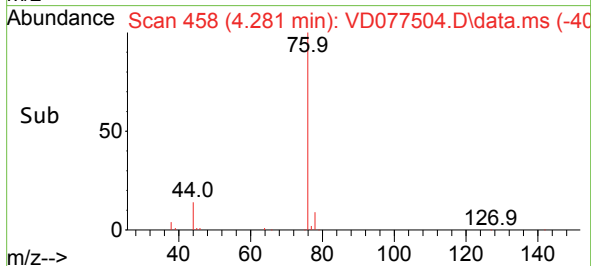
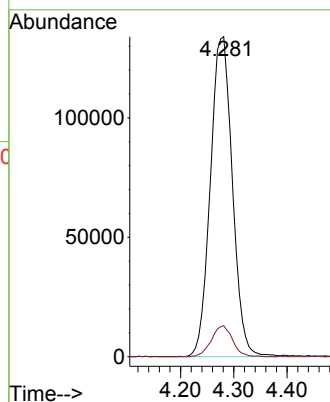
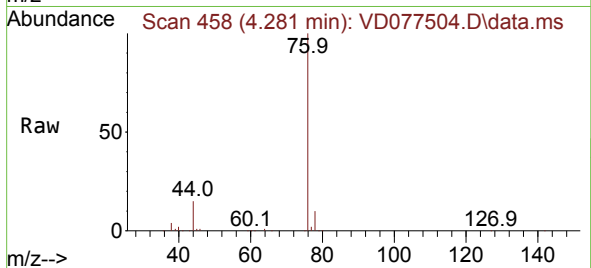




#17
Carbon Disulfide
Concen: 47.876 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

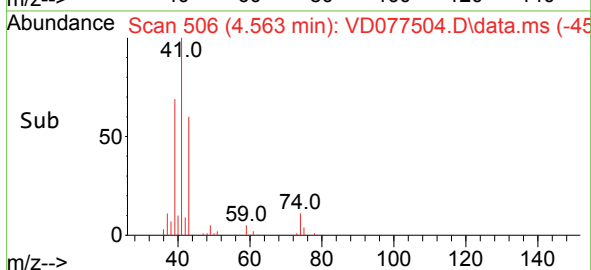
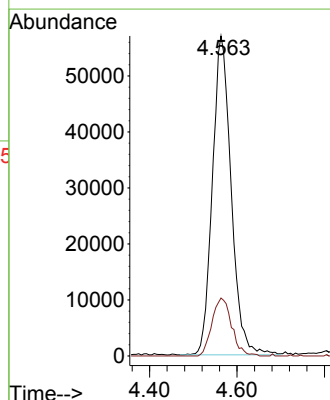
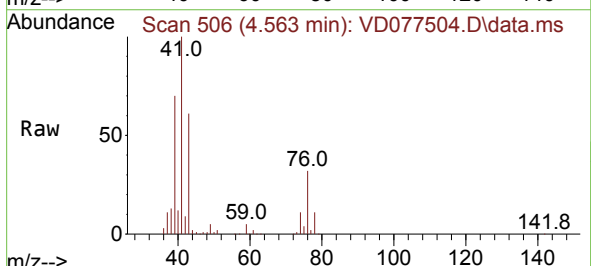
Instrument :
MSVOA_D
ClientSampleId :

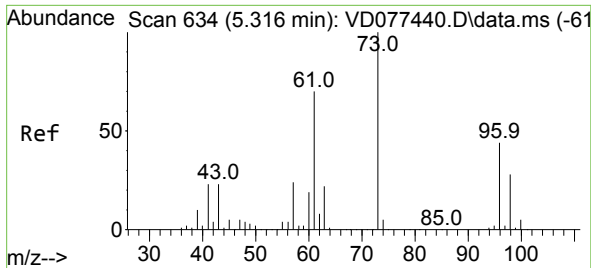
Tgt Ion: 76 Resp: 384727
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 47.445 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 43 Resp: 169456
Ion Ratio Lower Upper
43 100
74 19.1 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 45.672 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

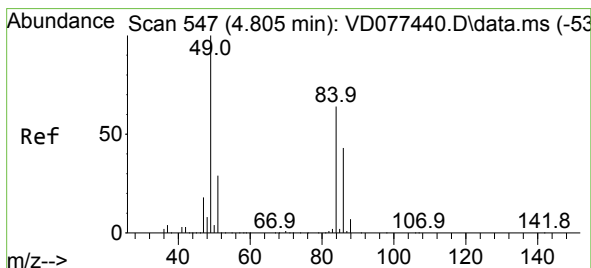
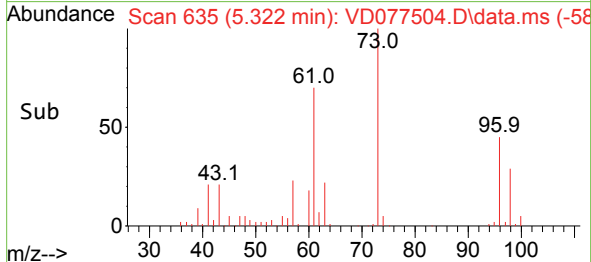
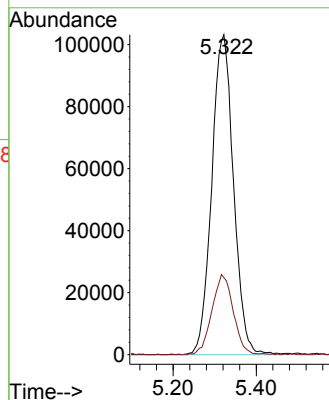
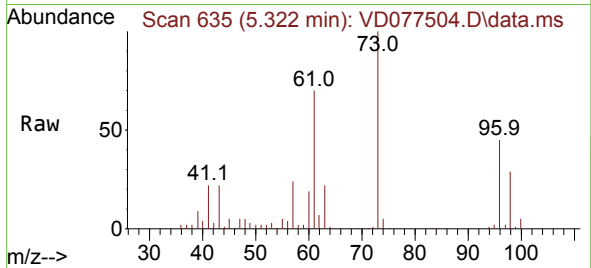
ClientSampleId :

Tgt Ion: 73 Resp: 374833

Ion Ratio Lower Upper

73 100

57 24.1 16.6 25.0



#20

Methylene Chloride

Concen: 44.491 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Tgt Ion: 84 Resp: 164752

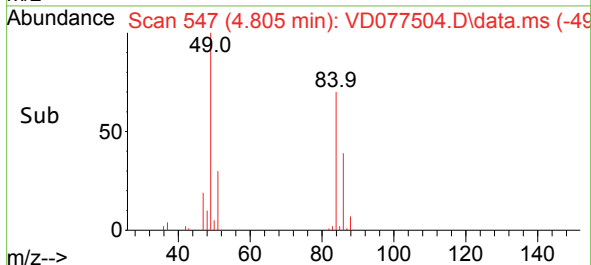
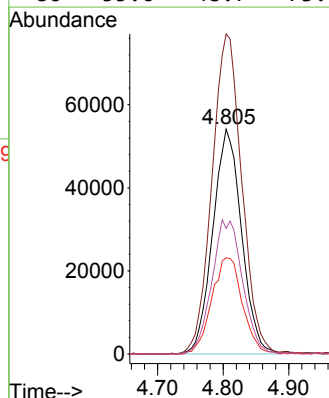
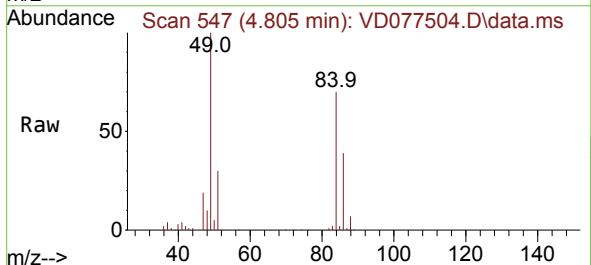
Ion Ratio Lower Upper

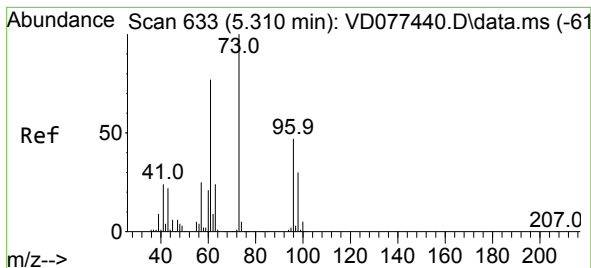
84 100

49 141.9 71.4 107.2#

51 42.7 24.5 36.7#

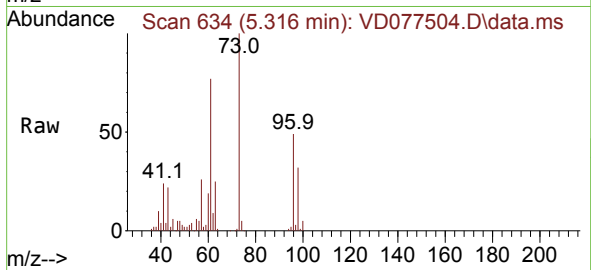
86 55.6 48.7 73.1



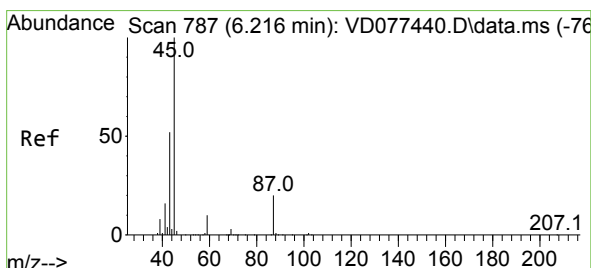
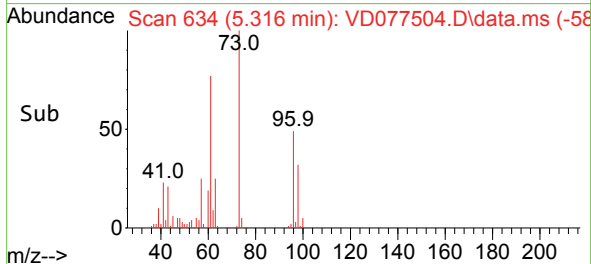
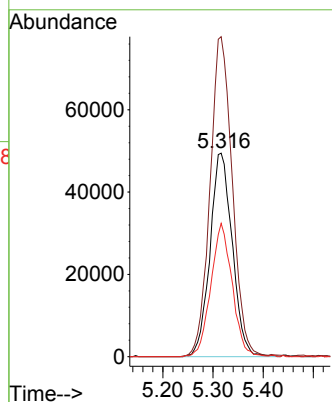


#21
trans-1,2-Dichloroethene
Concen: 50.170 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :

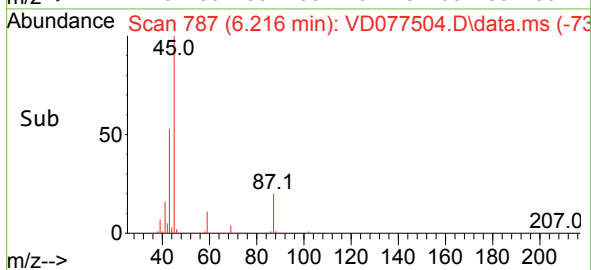
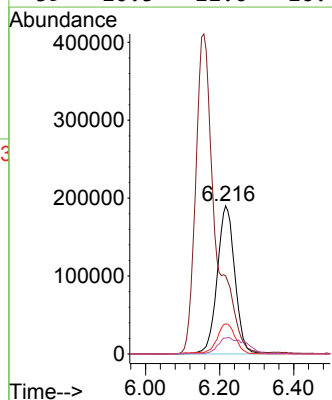
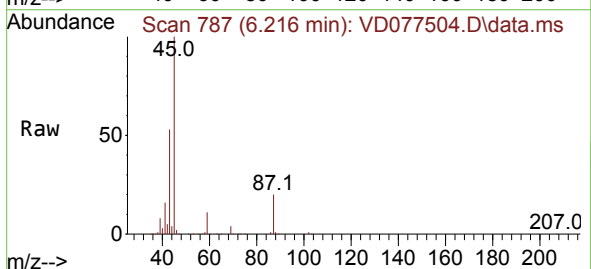


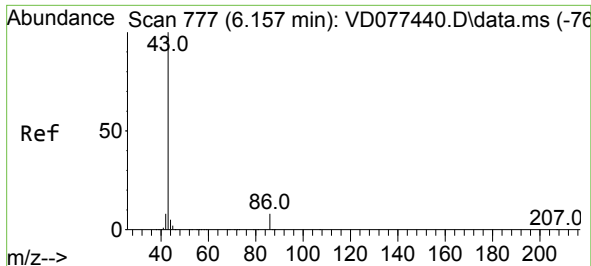
Tgt Ion: 96 Resp: 152770
Ion Ratio Lower Upper
96 100
61 157.2 89.3 133.9#
98 65.5 48.6 73.0



#22
Diisopropyl ether
Concen: 46.903 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 45 Resp: 628758
Ion Ratio Lower Upper
45 100
43 52.1 40.0 60.0
87 20.2 28.2 42.4#
59 10.5 11.0 16.4#

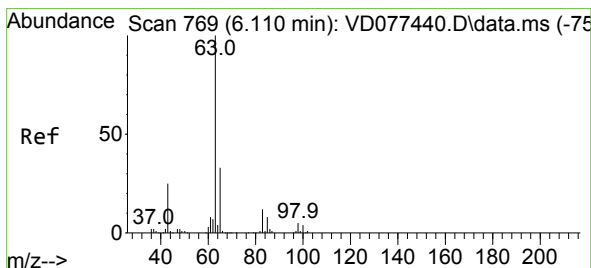
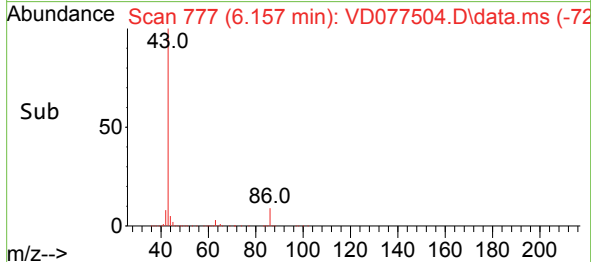
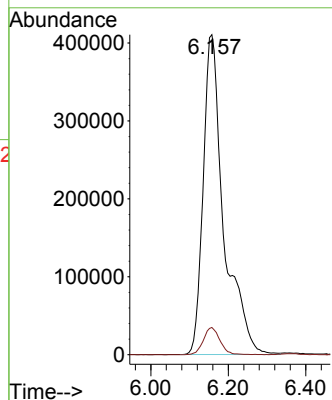
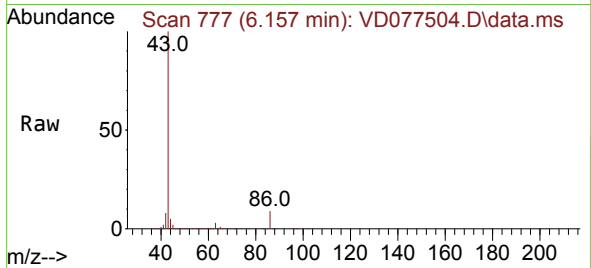




#23
 Vinyl Acetate
 Concen: 262.107 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

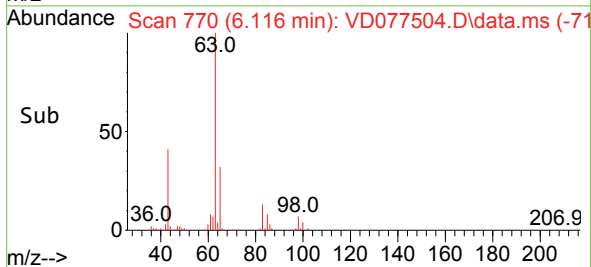
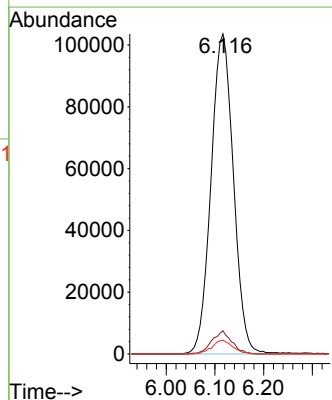
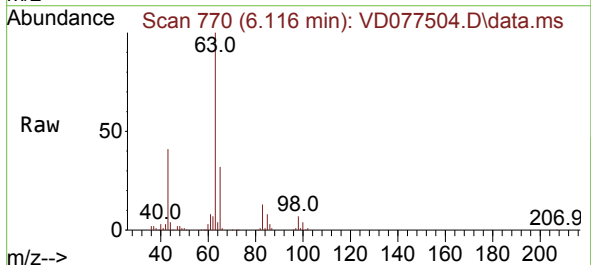
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 1515863
 Ion Ratio Lower Upper
 43 100
 86 8.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 47.529 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

Tgt Ion: 63 Resp: 330607
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 4.3 2.5 7.5

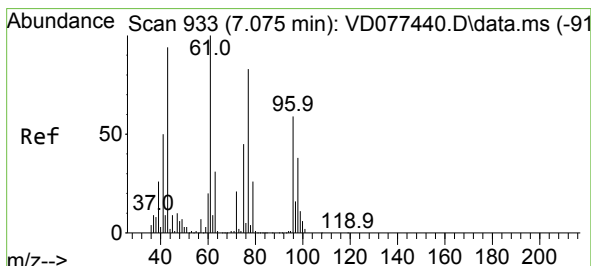
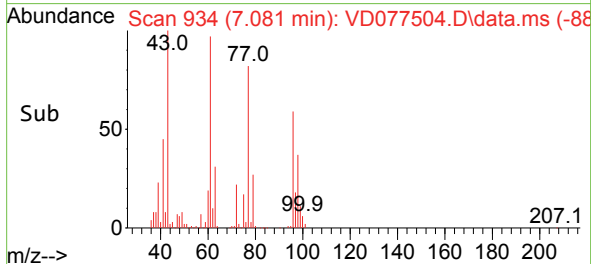
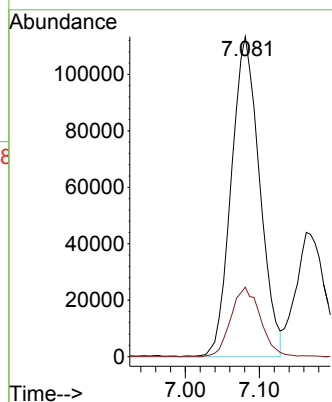
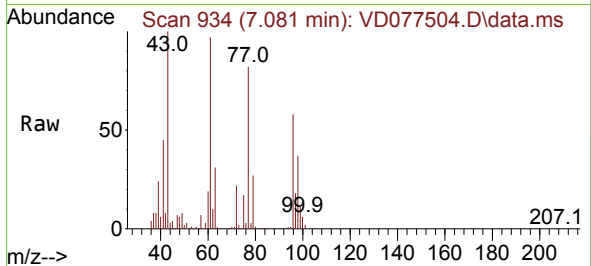




#25
2-Butanone
Concen: 230.491 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

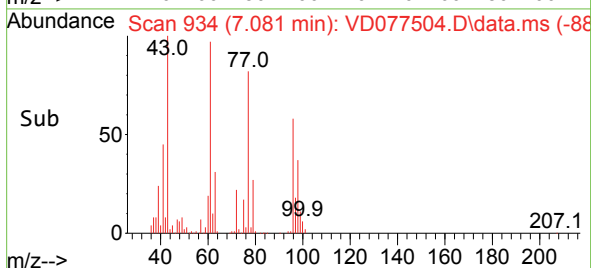
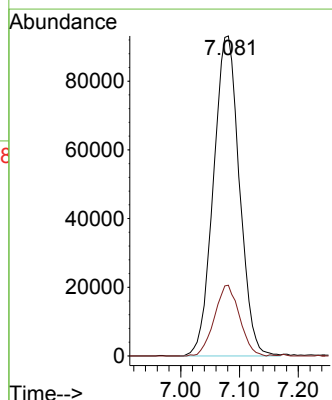
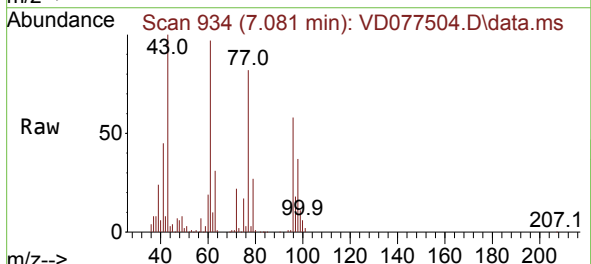
Instrument :
MSVOA_D
ClientSampleId :

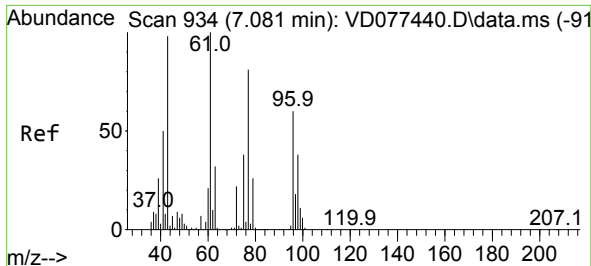
Tgt Ion: 43 Resp: 301034
Ion Ratio Lower Upper
43 100
72 21.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 46.388 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

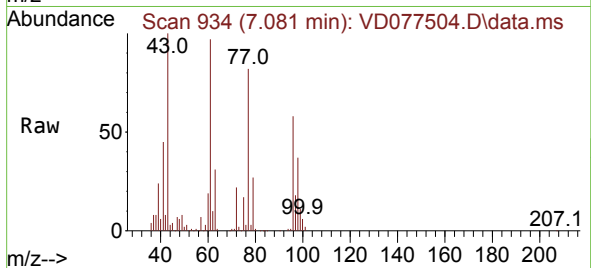
Tgt Ion: 77 Resp: 285953
Ion Ratio Lower Upper
77 100
97 21.3 13.2 39.6



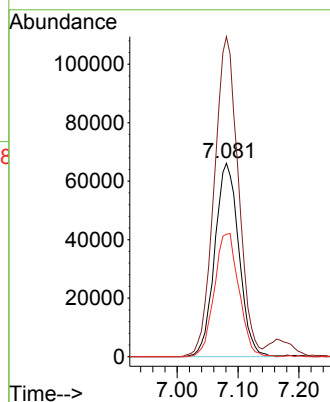
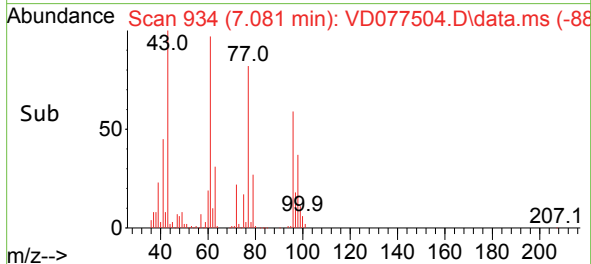


#27
 cis-1,2-Dichloroethene
 Concen: 48.289 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

Instrument :
 MSVOA_D
 ClientSampleId :

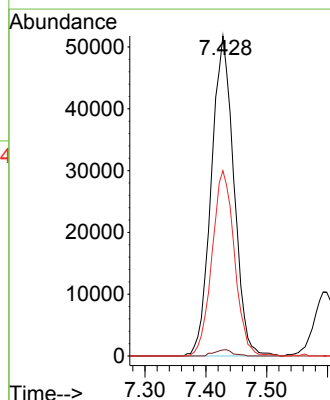
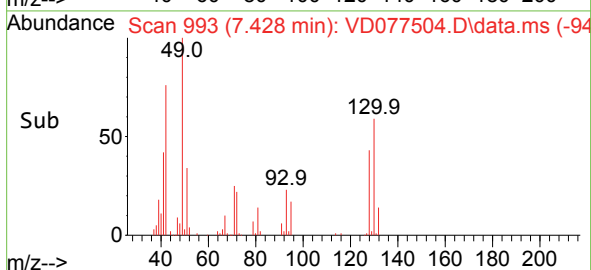
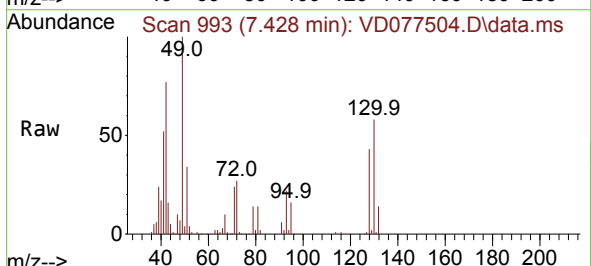


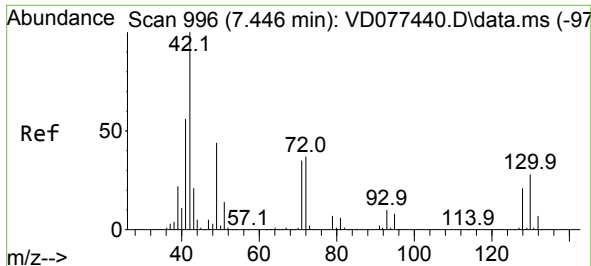
Tgt Ion: 96 Resp: 182169
 Ion Ratio Lower Upper
 96 100
 61 165.5 0.0 239.2
 98 64.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 42.489 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

Tgt Ion: 49 Resp: 132949
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 6.0
 130 57.8 83.2 124.8#





#29

Tetrahydrofuran

Concen: 218.281 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

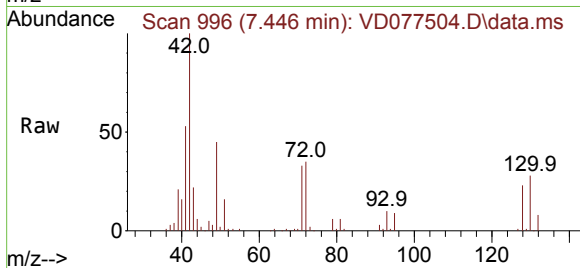
Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :



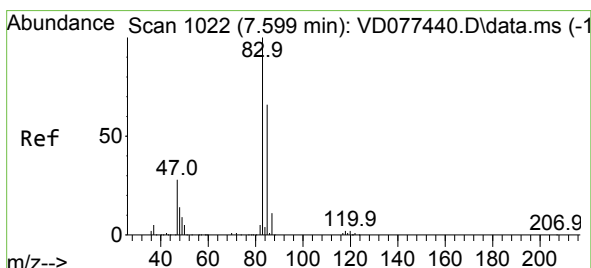
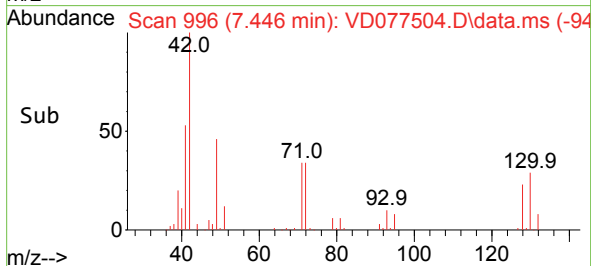
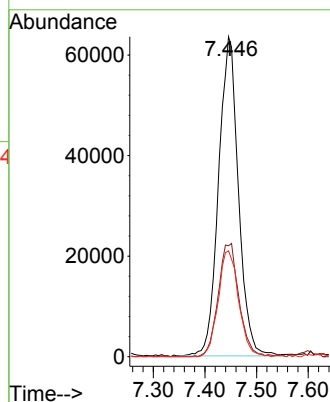
Tgt Ion: 42 Resp: 169082

Ion Ratio Lower Upper

42 100

72 37.5 46.5 69.7#

71 34.3 44.5 66.7#



#30

Chloroform

Concen: 47.306 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077504.D

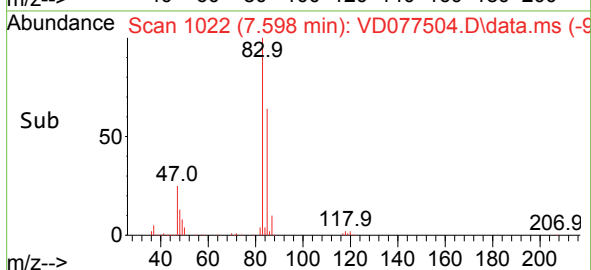
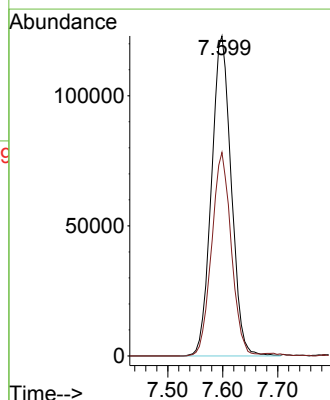
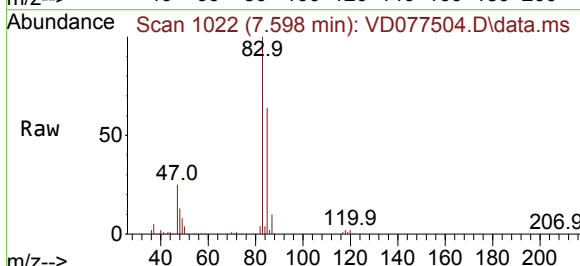
Acq: 06 Nov 2023 09:46

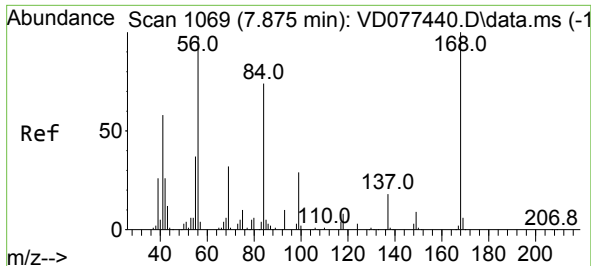
Tgt Ion: 83 Resp: 307238

Ion Ratio Lower Upper

83 100

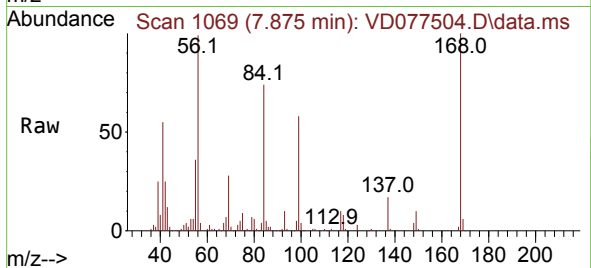
85 63.6 53.4 80.2



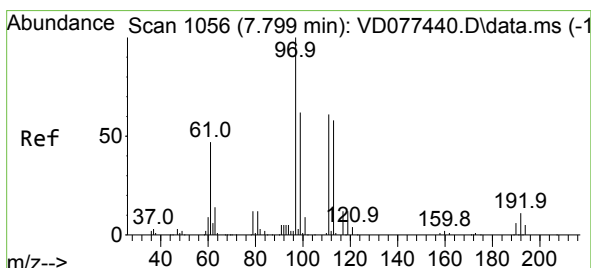
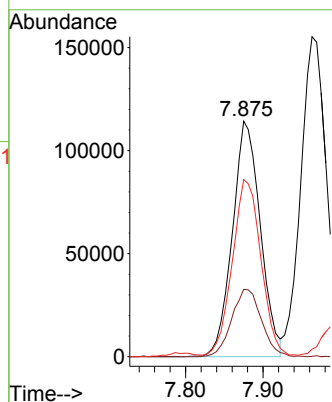
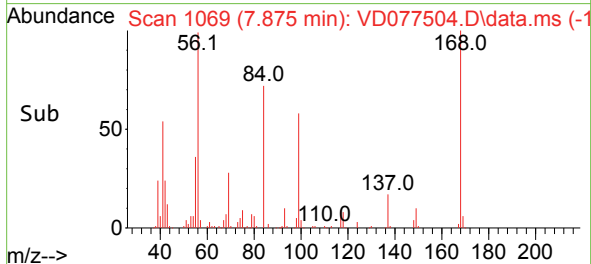


#31
Cyclohexane
Concen: 49.527 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :

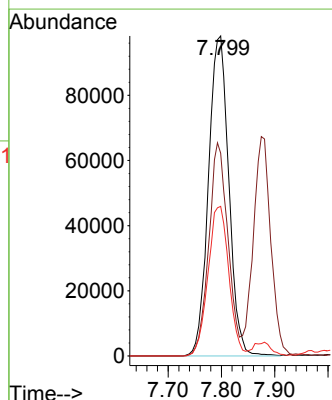
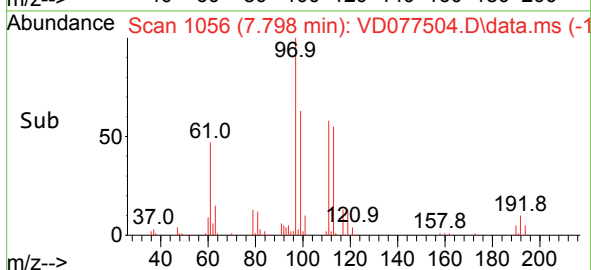
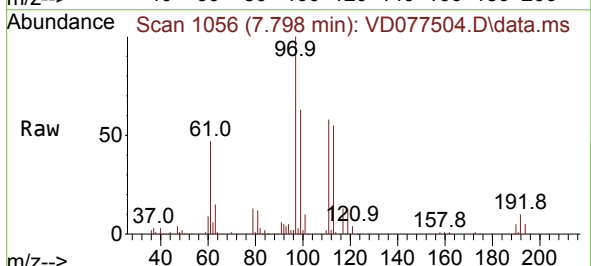


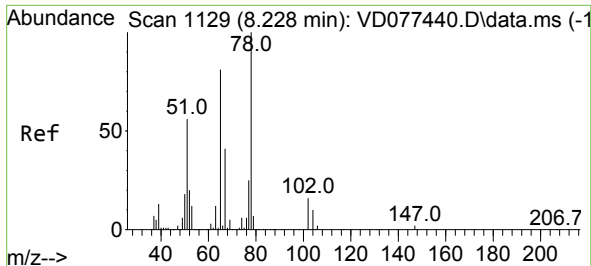
Tgt Ion: 56 Resp: 286496
Ion Ratio Lower Upper
56 100
69 28.6 28.6 43.0#
84 73.9 84.8 127.2#



#32
1,1,1-Trichloroethane
Concen: 48.656 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 97 Resp: 260366
Ion Ratio Lower Upper
97 100
99 62.4 52.0 78.0
61 47.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.488 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

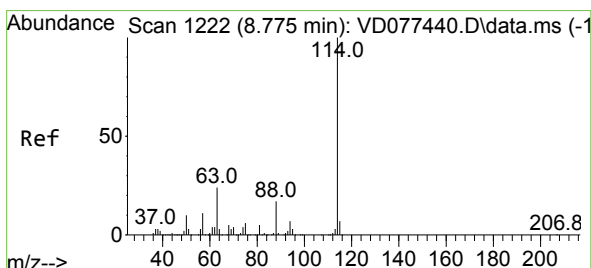
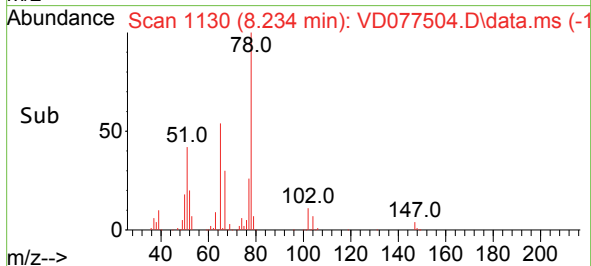
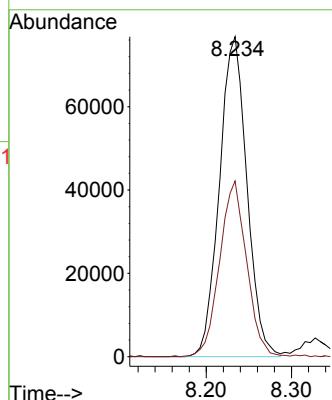
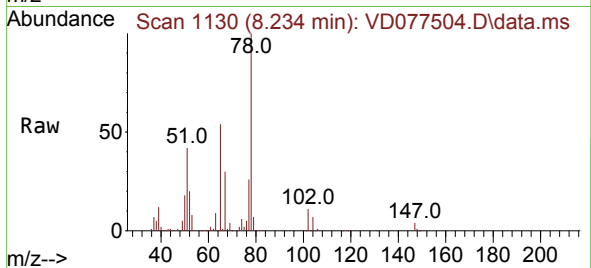
ClientSampleId :

Tgt Ion: 65 Resp: 172025

Ion Ratio Lower Upper

65 100

67 54.0 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: VD077504.D

Acq: 06 Nov 2023 09:46

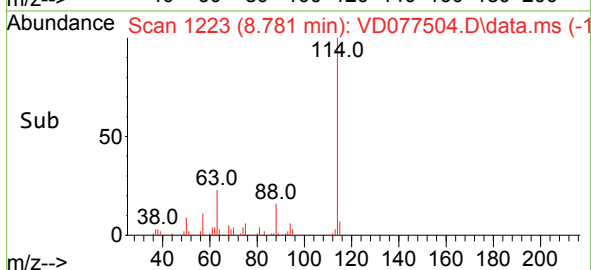
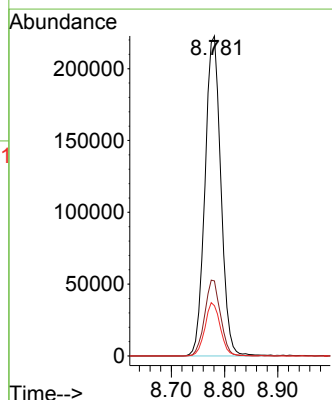
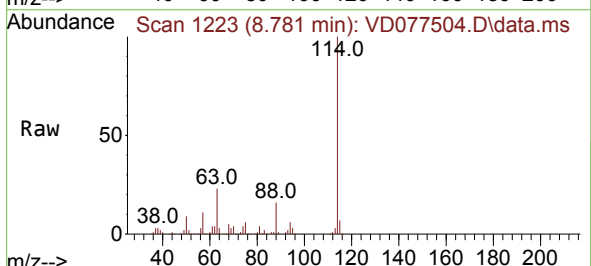
Tgt Ion: 114 Resp: 460934

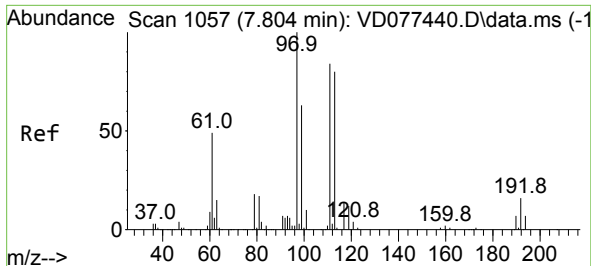
Ion Ratio Lower Upper

114 100

63 23.5 0.0 33.4

88 15.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.980 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

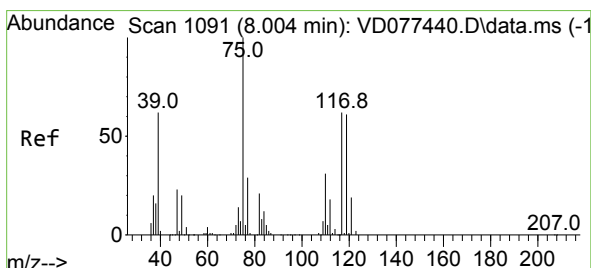
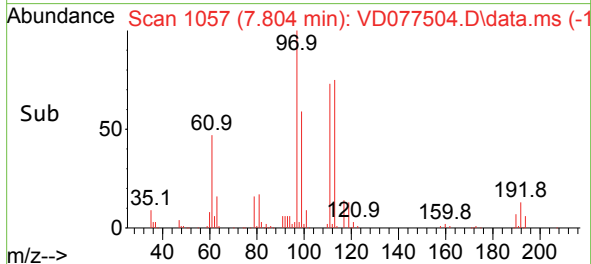
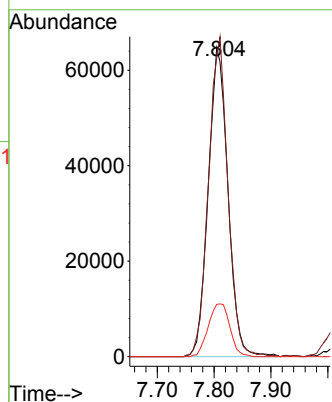
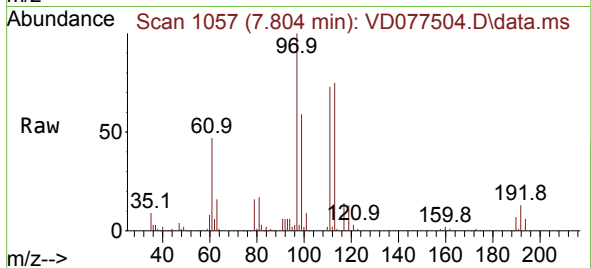
Tgt Ion:113 Resp: 156042

Ion Ratio Lower Upper

113 100

111 101.8 84.7 127.1

192 18.7 16.8 25.2



#36

1,1-Dichloropropene

Concen: 50.739 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

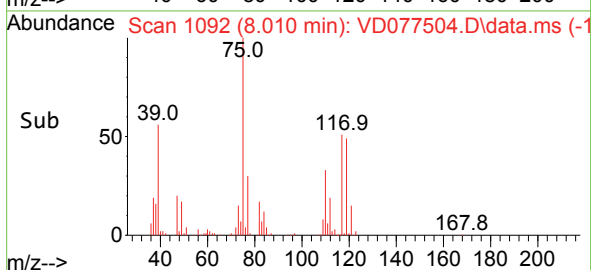
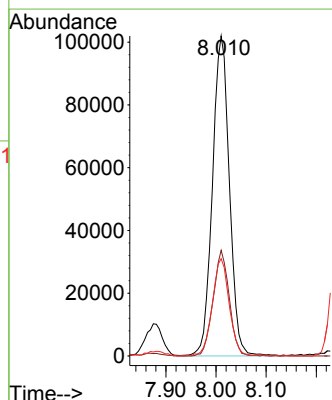
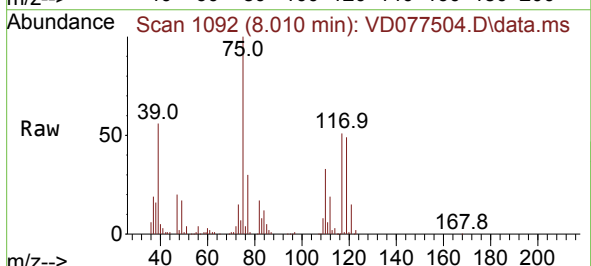
Tgt Ion: 75 Resp: 239664

Ion Ratio Lower Upper

75 100

110 31.3 19.9 59.6

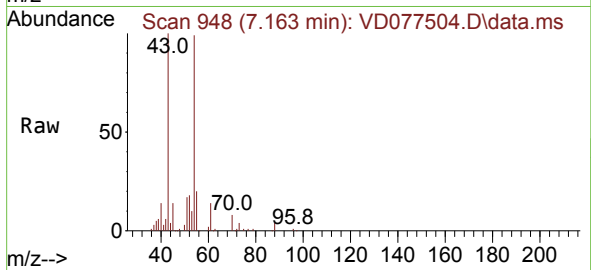
77 30.4 24.7 37.1



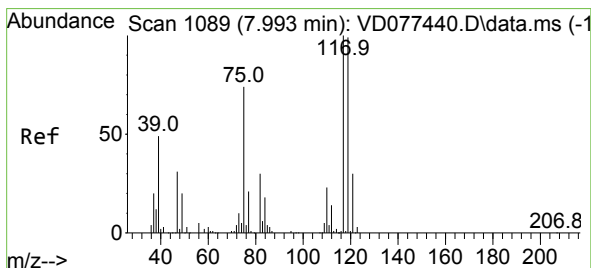
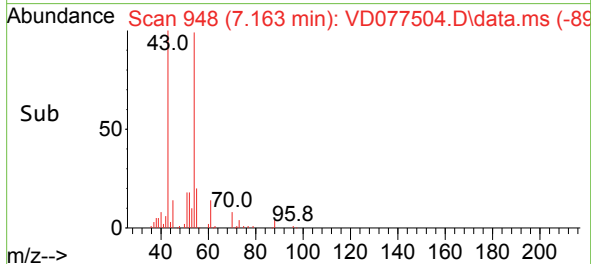
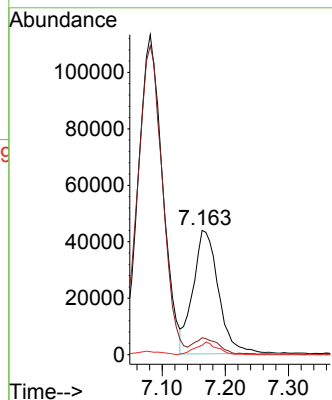


#37
Ethyl Acetate
Concen: 45.048 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :

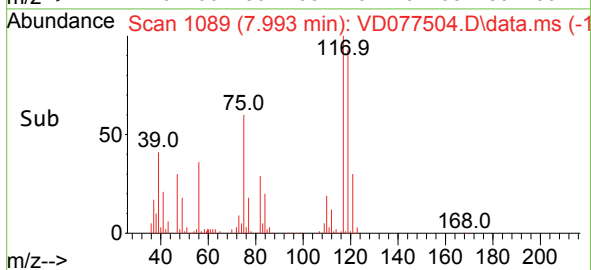
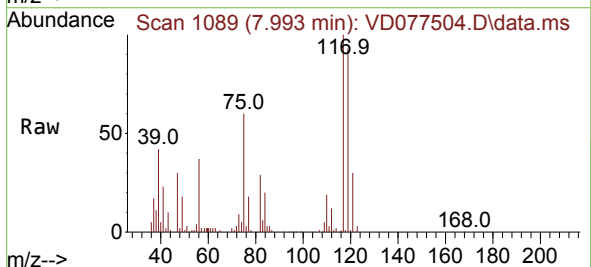
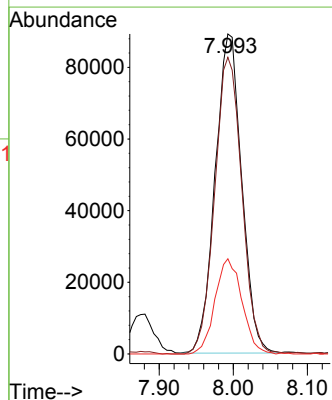


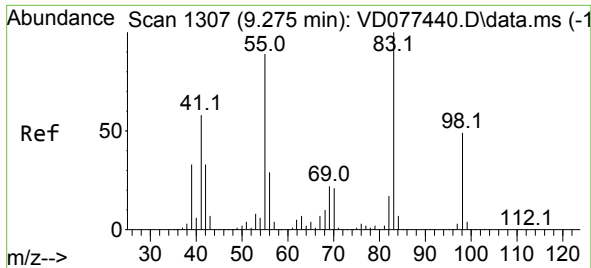
Tgt Ion: 43 Resp: 122114
Ion Ratio Lower Upper
43 100
61 13.8 14.9 22.3#
70 8.7 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 49.831 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 117 Resp: 221801
Ion Ratio Lower Upper
117 100
119 93.0 78.0 117.0
121 29.8 24.2 36.2

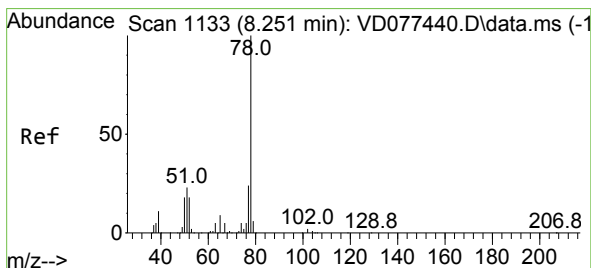
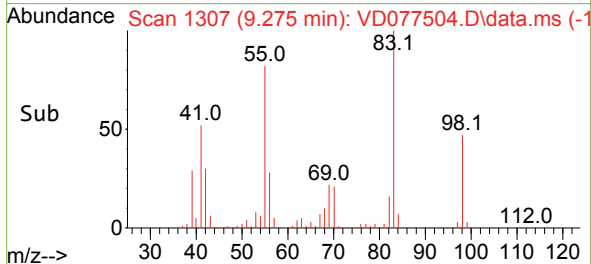
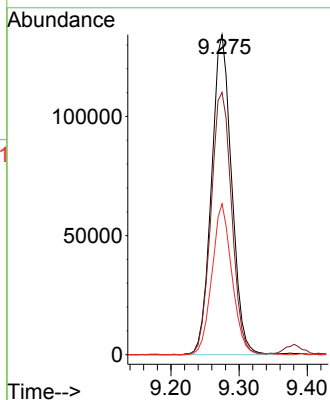
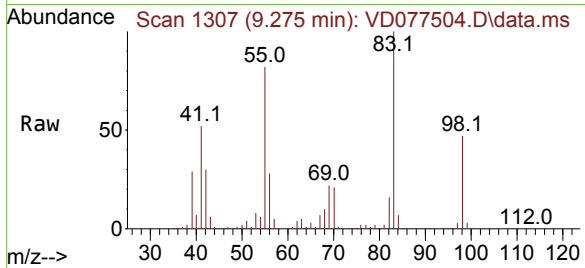




#39
Methylcyclohexane
Concen: 51.443 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

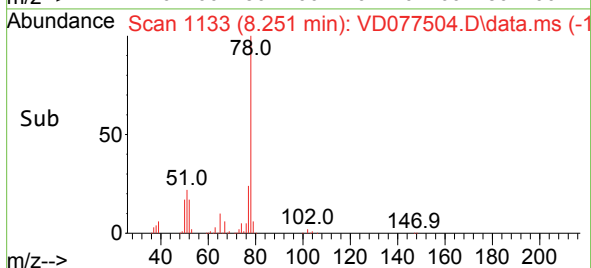
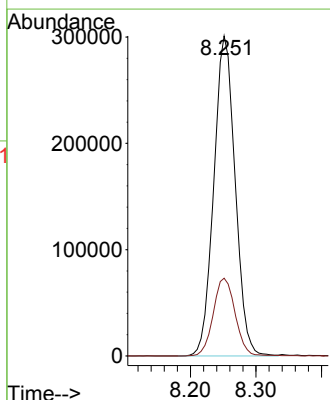
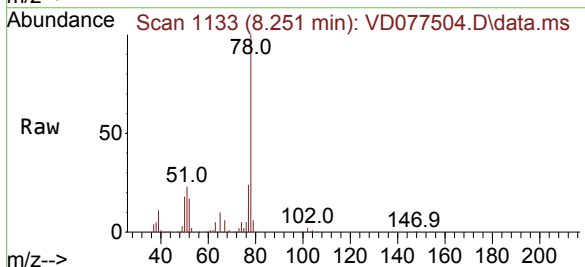
Instrument :
MSVOA_D
ClientSampleId :

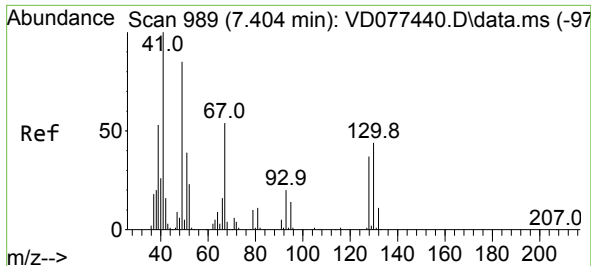
Tgt Ion: 83 Resp: 277247
Ion Ratio Lower Upper
83 100
55 81.9 49.4 74.0#
98 47.1 38.4 57.6



#40
Benzene
Concen: 50.403 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

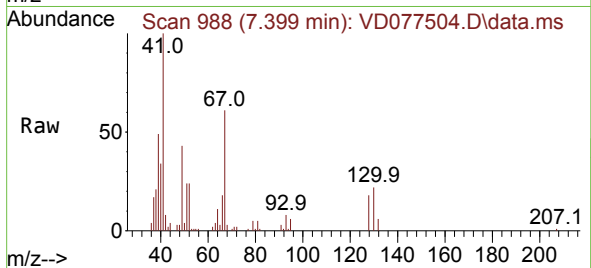
Tgt Ion: 78 Resp: 678884
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



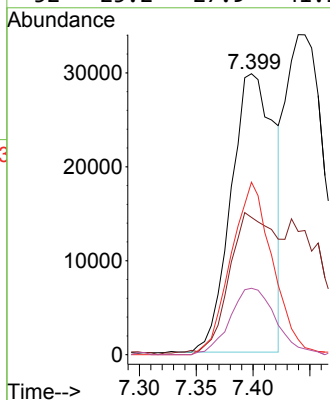
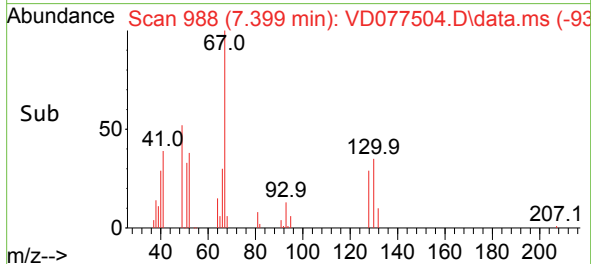


#41
Methacrylonitrile
Concen: 45.370 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :

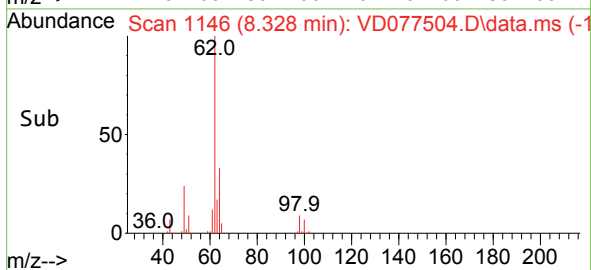
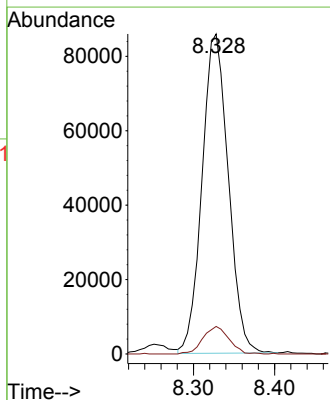
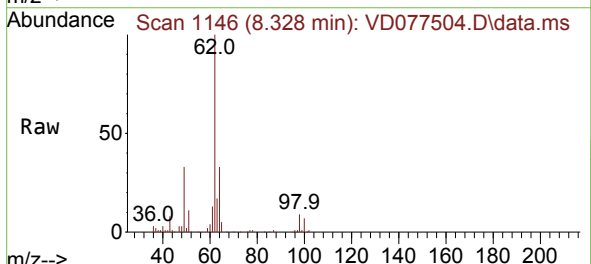


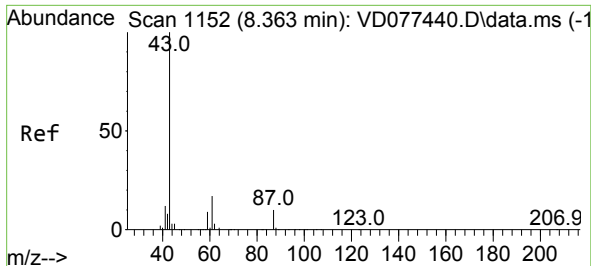
Tgt Ion: 41 Resp: 78693
Ion Ratio Lower Upper
41 100
39 58.9 34.0 51.0#
67 60.1 77.0 115.4#
52 25.2 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 45.239 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

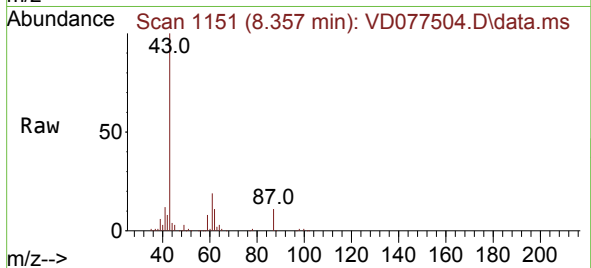
Tgt Ion: 62 Resp: 192990
Ion Ratio Lower Upper
62 100
98 8.5 0.0 25.4



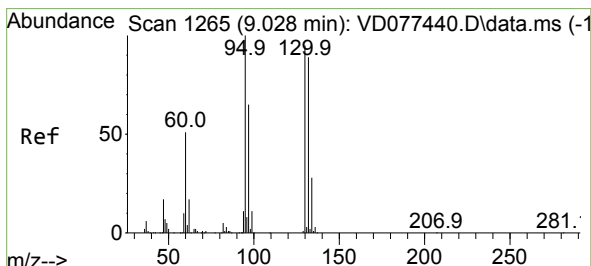
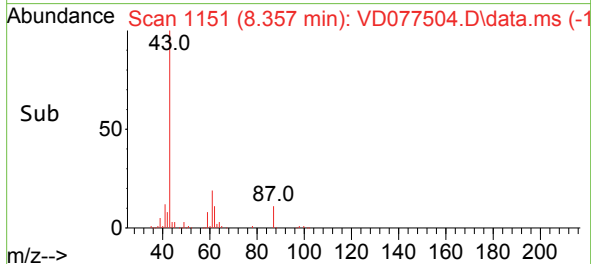
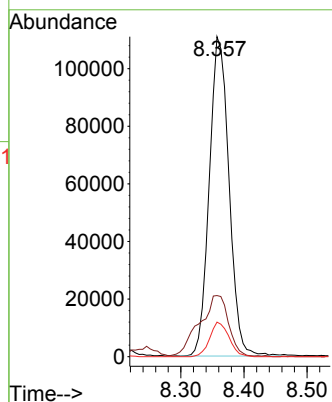


#43
Isopropyl Acetate
Concen: 43.013 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :

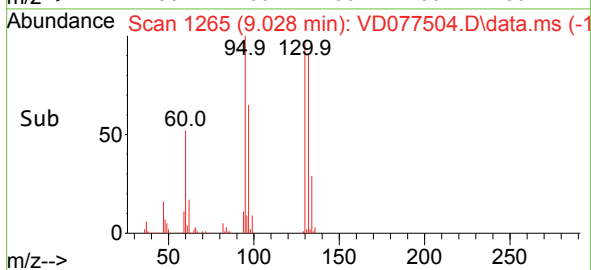
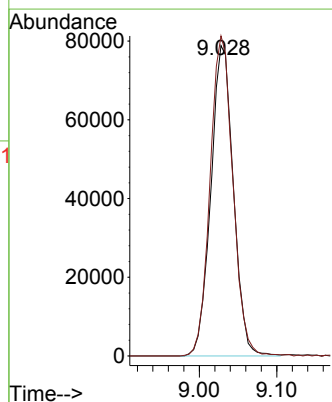
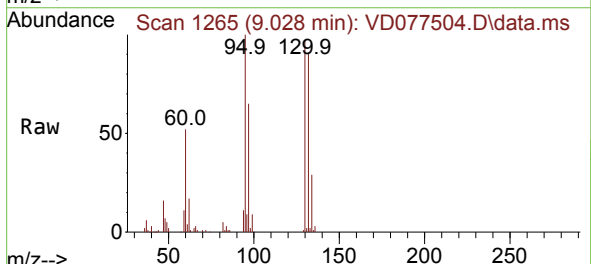


Tgt Ion: 43 Resp: 240613
Ion Ratio Lower Upper
43 100
61 28.5 31.4 47.0#
87 10.6 14.9 22.3#



#44
Trichloroethene
Concen: 48.434 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion:130 Resp: 159796
Ion Ratio Lower Upper
130 100
95 103.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.728 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

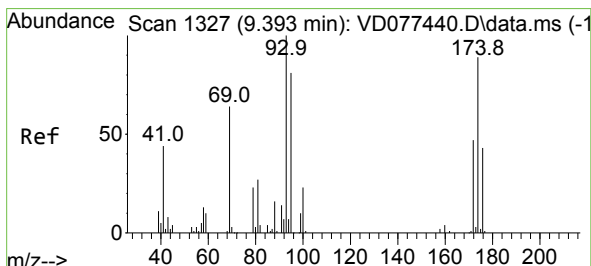
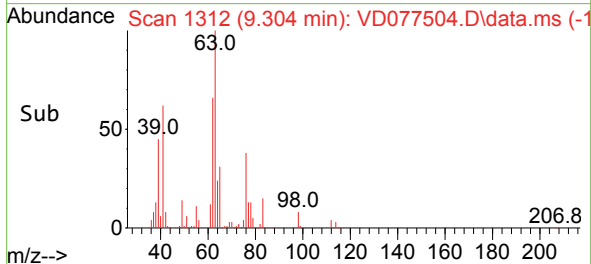
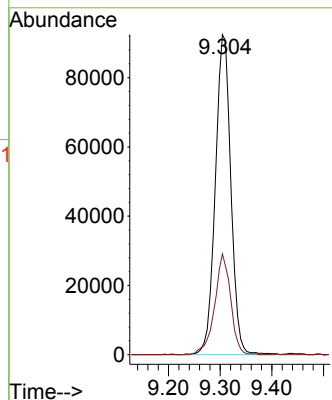
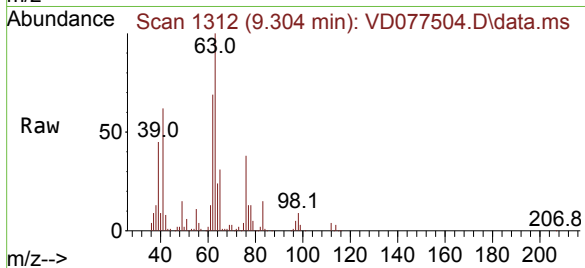
ClientSampleId :

Tgt Ion: 63 Resp: 193225

Ion Ratio Lower Upper

63 100

65 31.5 24.5 36.7



#46

Dibromomethane

Concen: 44.894 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

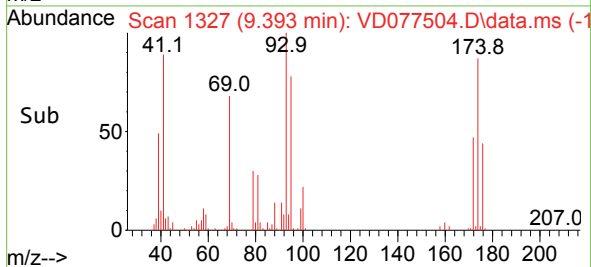
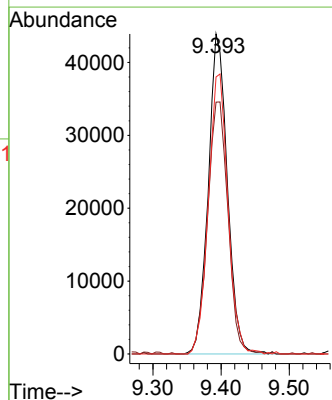
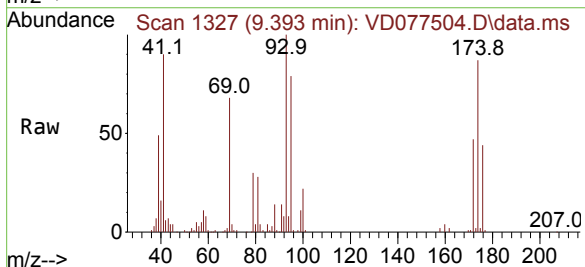
Tgt Ion: 93 Resp: 85671

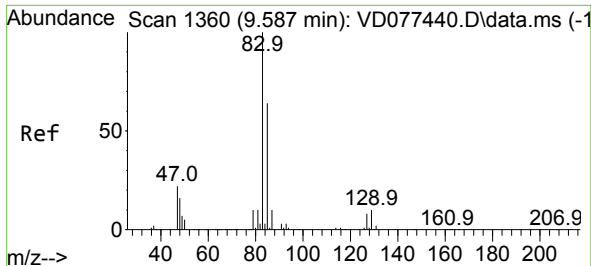
Ion Ratio Lower Upper

93 100

95 83.6 67.7 101.5

174 89.9 85.4 128.2

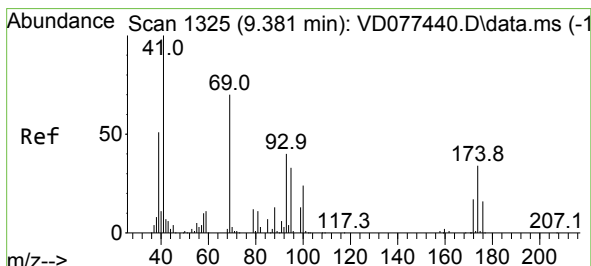
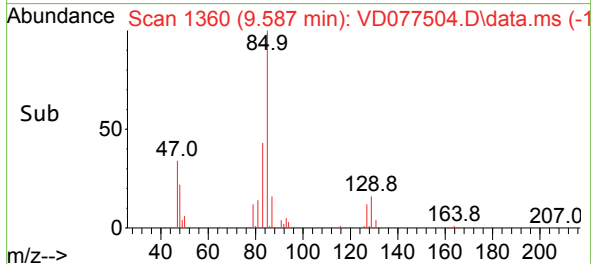
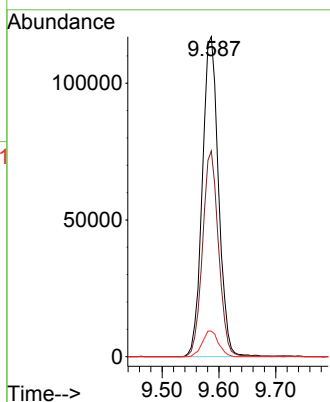
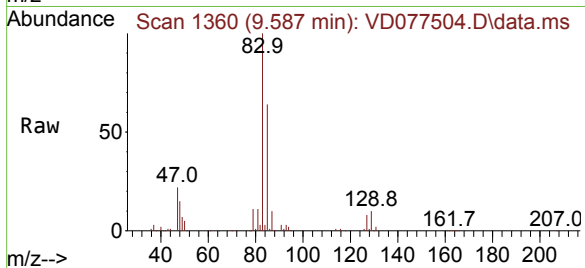




#47
Bromodichloromethane
Concen: 45.904 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

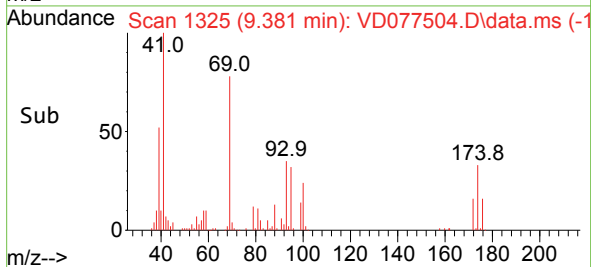
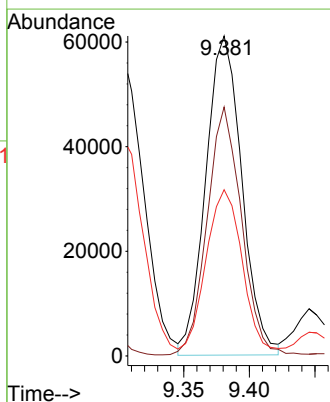
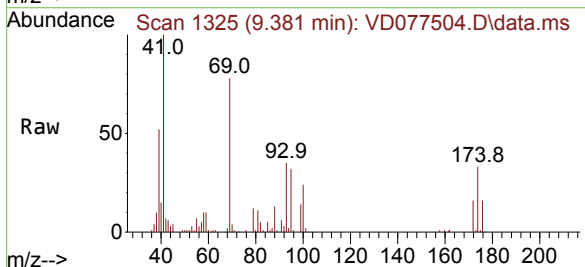
Instrument :
MSVOA_D
ClientSampleId :

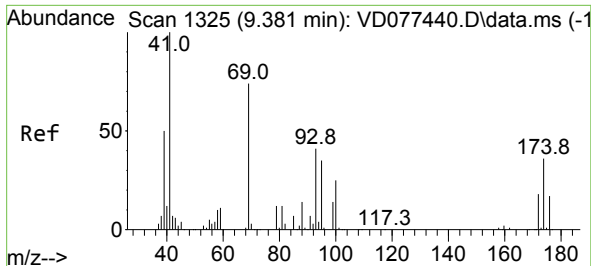
Tgt Ion: 83 Resp: 231535
Ion Ratio Lower Upper
83 100
85 64.3 50.2 75.4
127 8.0 6.3 9.5



#48
Methyl methacrylate
Concen: 43.729 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 41 Resp: 116767
Ion Ratio Lower Upper
41 100
69 73.8 102.2 153.2#
39 49.2 41.4 62.2





#49

1,4-Dioxane

Concen: 875.285 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

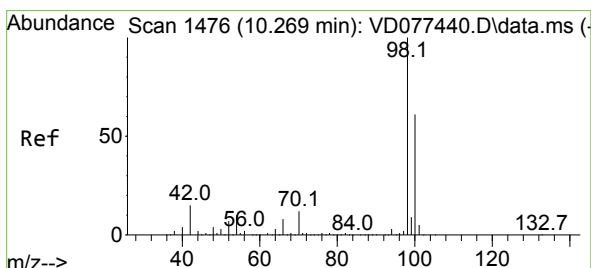
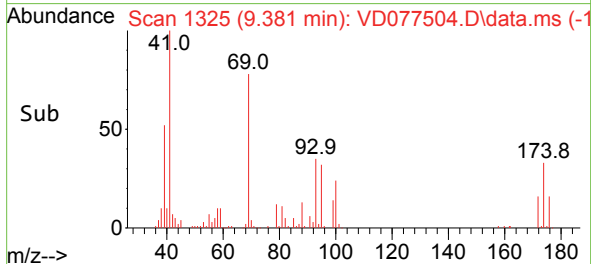
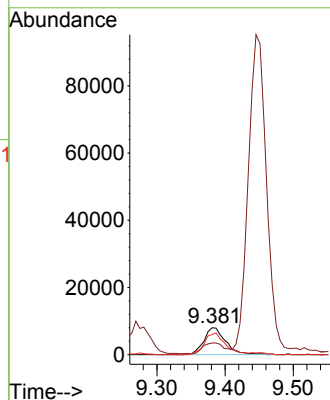
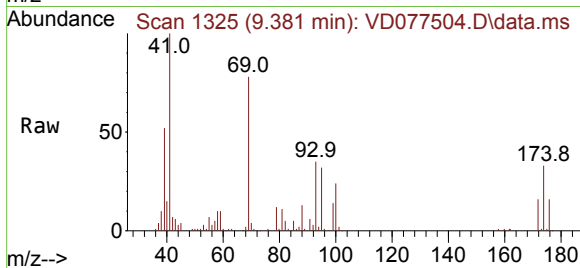
Tgt Ion: 88 Resp: 17948

Ion Ratio Lower Upper

88 100

43 40.2 19.0 28.6#

58 76.9 43.5 65.3#



#50

Toluene-d8

Concen: 51.124 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077504.D

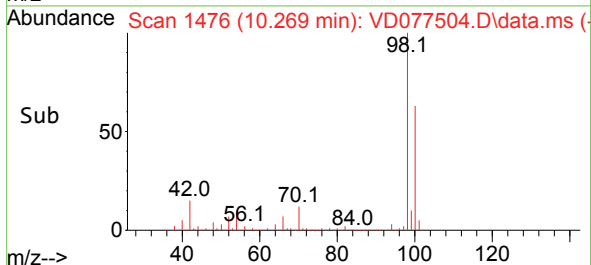
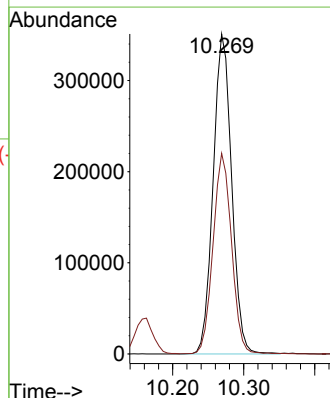
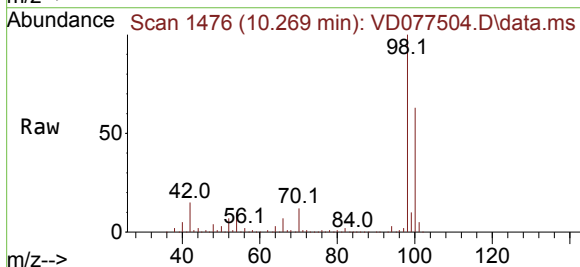
Acq: 06 Nov 2023 09:46

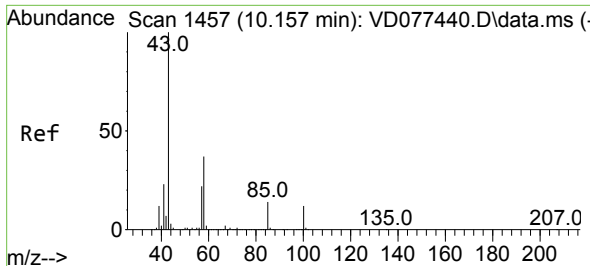
Tgt Ion: 98 Resp: 632631

Ion Ratio Lower Upper

98 100

100 63.0 50.3 75.5

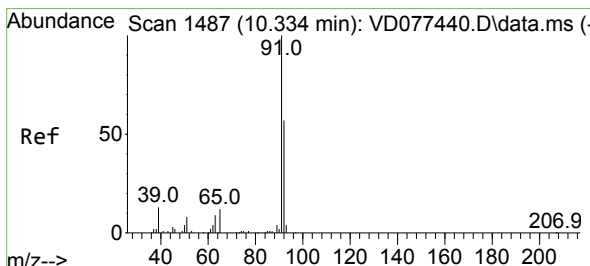
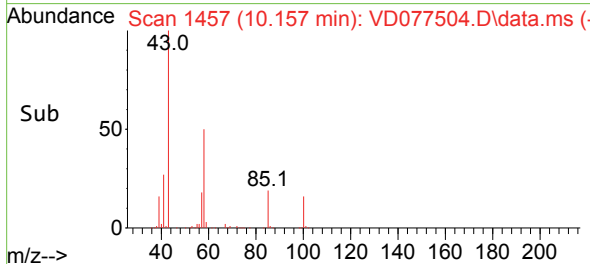
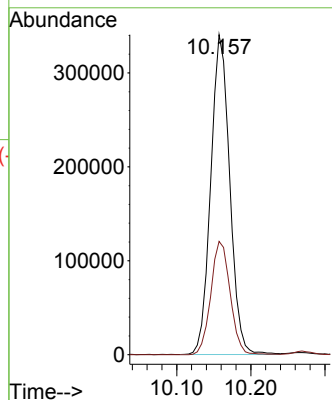
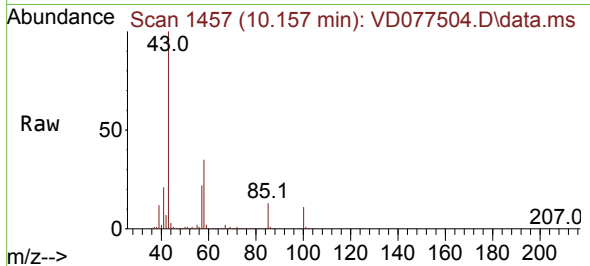




#51
4-Methyl-2-Pentanone
Concen: 220.236 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

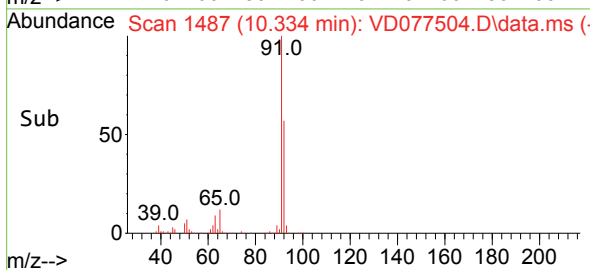
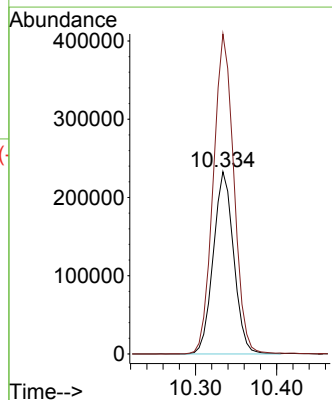
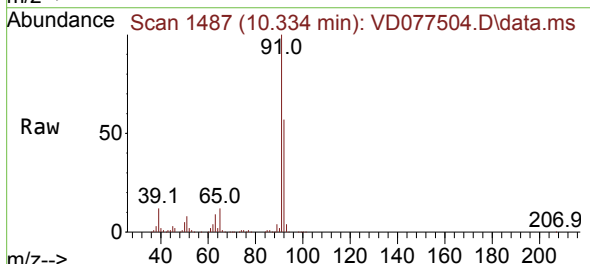
Instrument :
MSVOA_D
ClientSampleId :

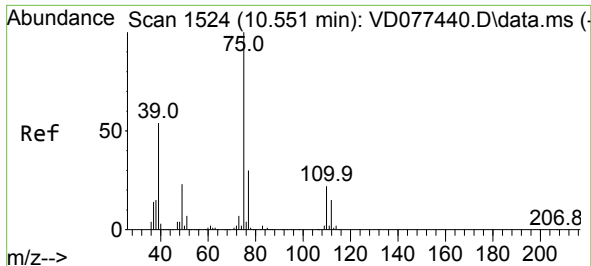
Tgt Ion: 43 Resp: 606401
Ion Ratio Lower Upper
43 100
58 36.0 38.9 58.3#



#52
Toluene
Concen: 49.530 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 92 Resp: 406694
Ion Ratio Lower Upper
92 100
91 177.8 143.0 214.4

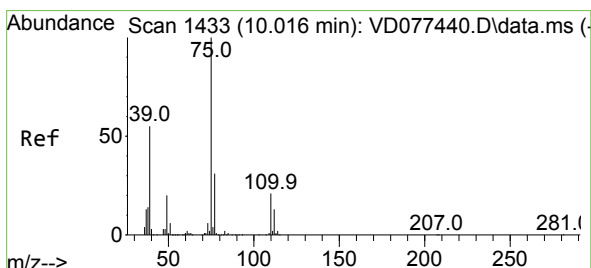
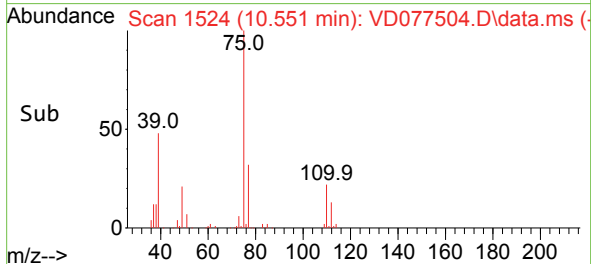
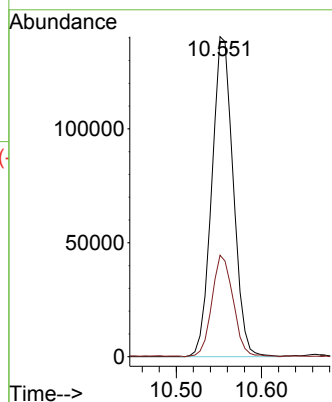
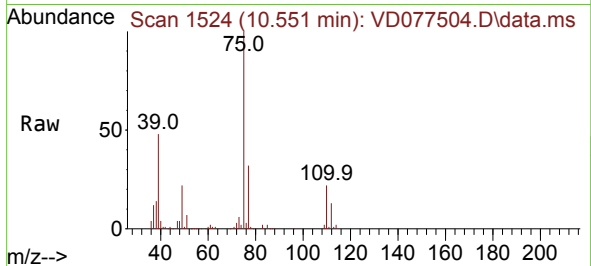




#53
t-1,3-Dichloropropene
Concen: 45.994 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

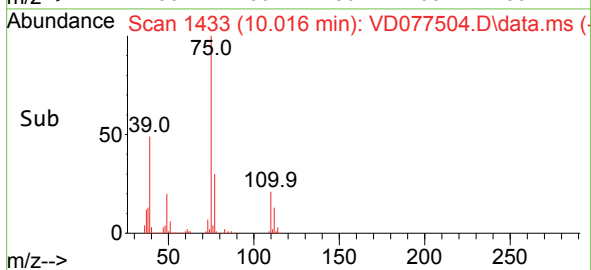
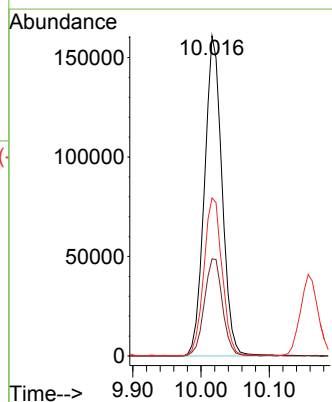
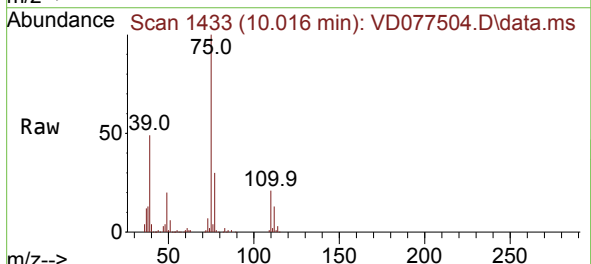
Instrument :
MSVOA_D
ClientSampleId :

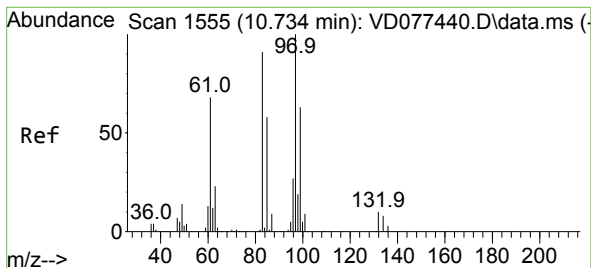
Tgt Ion: 75 Resp: 245653
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 46.948 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 75 Resp: 288551
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 49.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 45.644 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

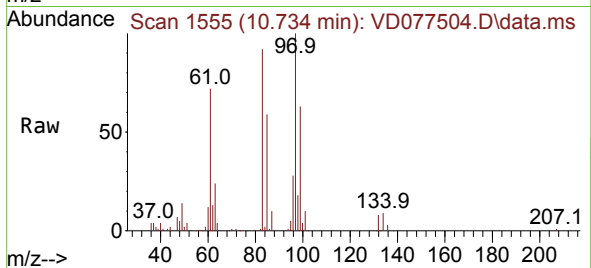
Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 116210

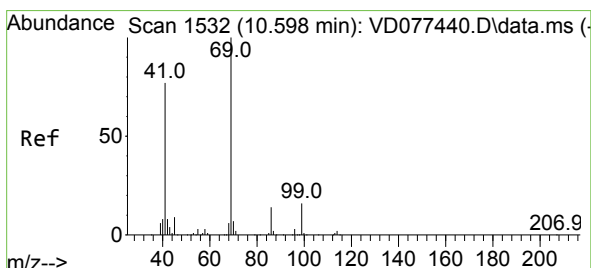
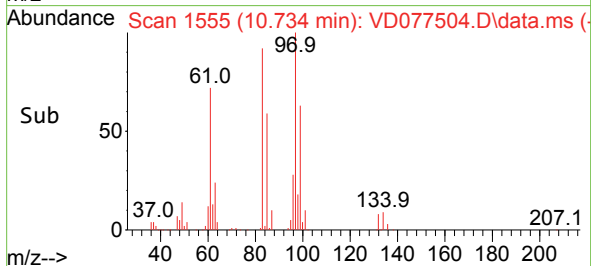
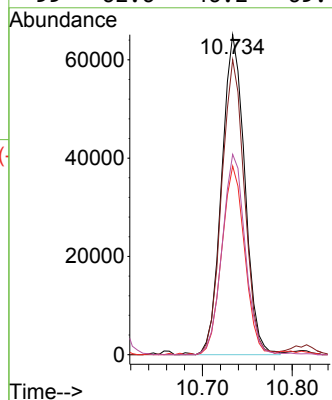
Ion Ratio Lower Upper

97 100

83 92.2 65.8 98.6

85 58.5 45.7 68.5

99 62.6 46.2 69.4



#56

Ethyl methacrylate

Concen: 44.969 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

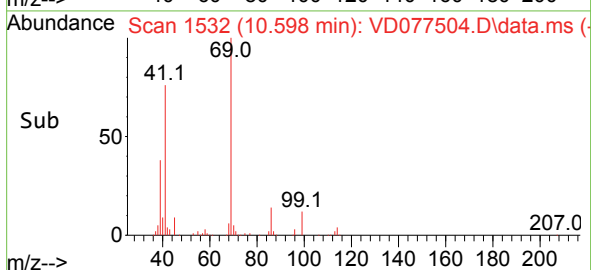
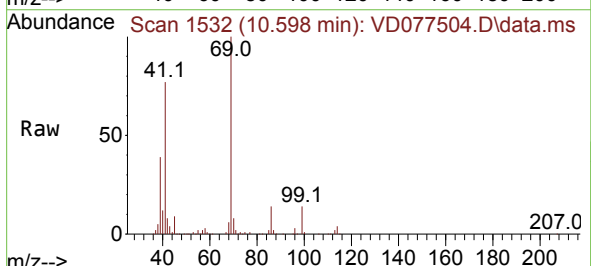
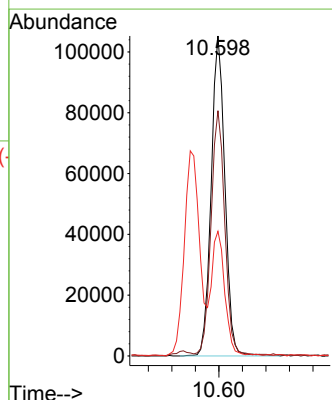
Tgt Ion: 69 Resp: 170228

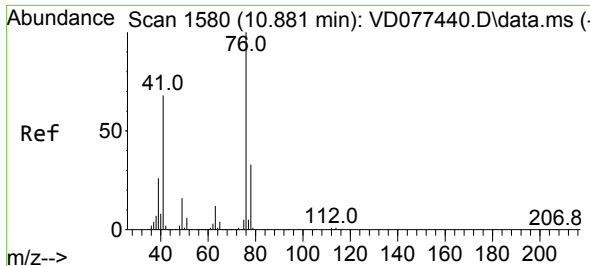
Ion Ratio Lower Upper

69 100

41 76.5 39.1 58.7#

39 35.8 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 46.686 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

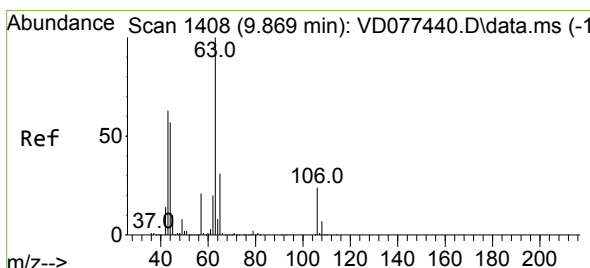
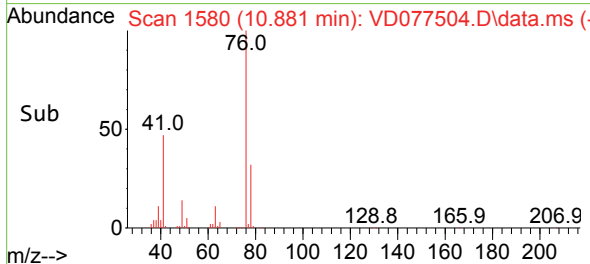
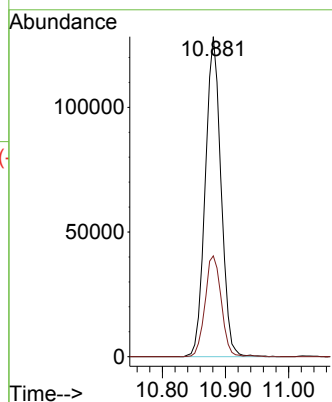
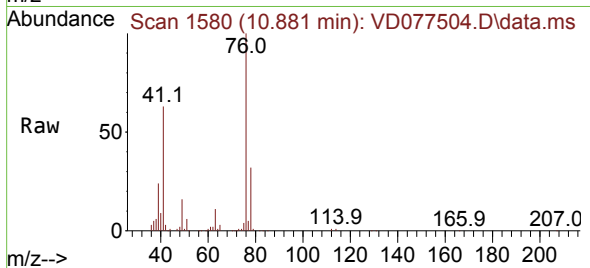
ClientSampleId :

Tgt Ion: 76 Resp: 222168

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 245.330 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077504.D

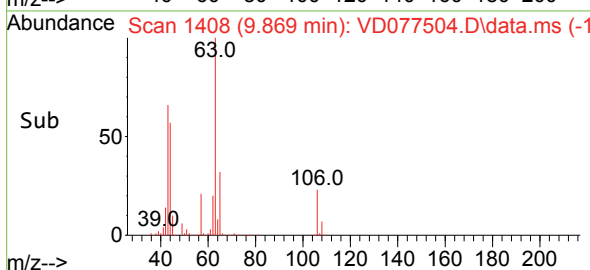
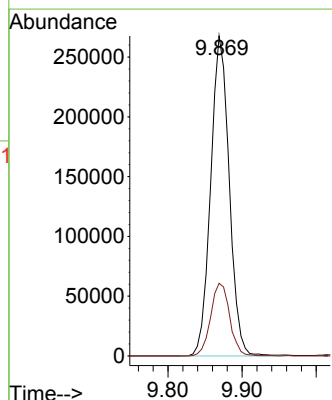
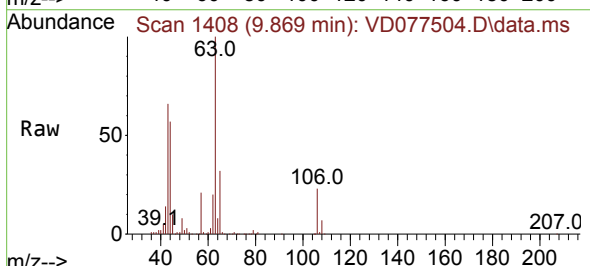
Acq: 06 Nov 2023 09:46

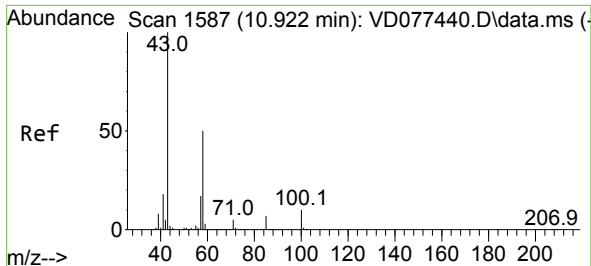
Tgt Ion: 63 Resp: 464928

Ion Ratio Lower Upper

63 100

106 23.3 25.3 37.9

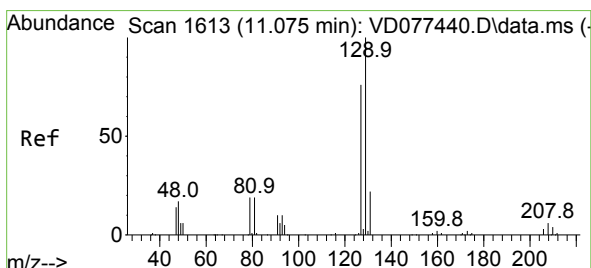
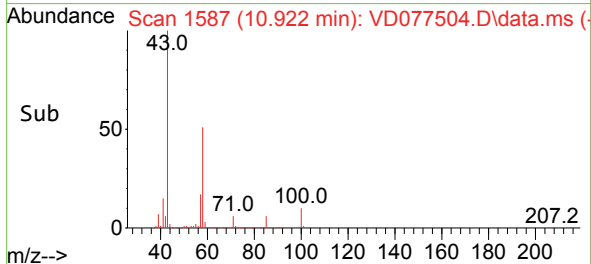
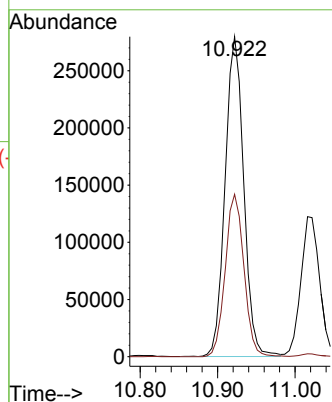
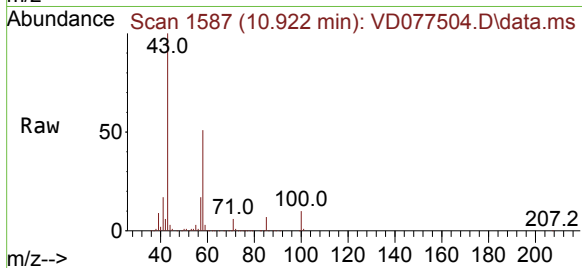




#59
2-Hexanone
Concen: 230.422 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

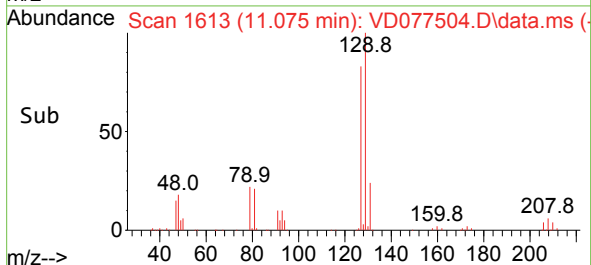
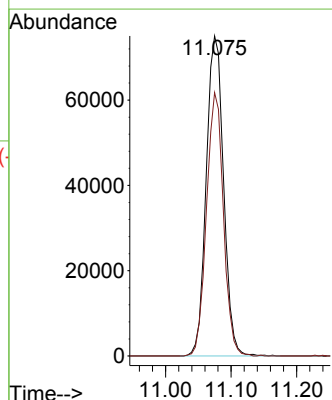
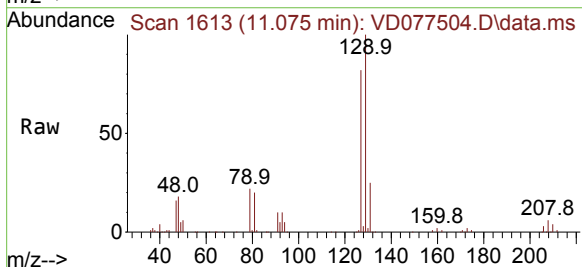
Instrument :
MSVOA_D
ClientSampleId :

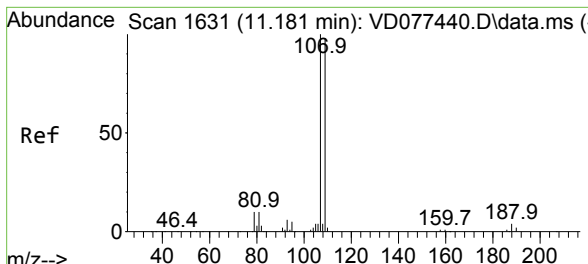
Tgt Ion: 43 Resp: 467378
Ion Ratio Lower Upper
43 100
58 51.0 34.1 102.2



#60
Dibromochloromethane
Concen: 45.099 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

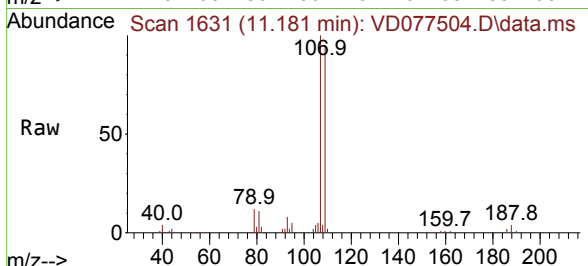
Tgt Ion: 129 Resp: 138070
Ion Ratio Lower Upper
129 100
127 80.3 37.1 111.5





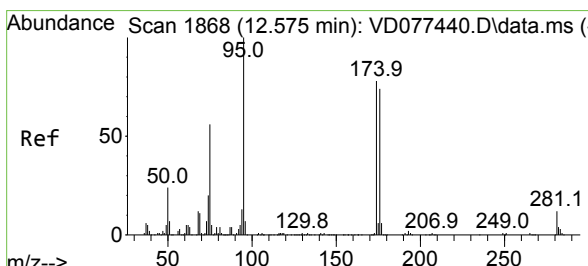
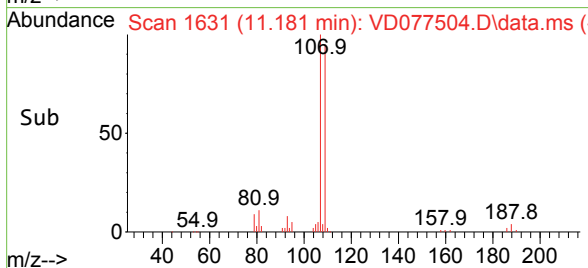
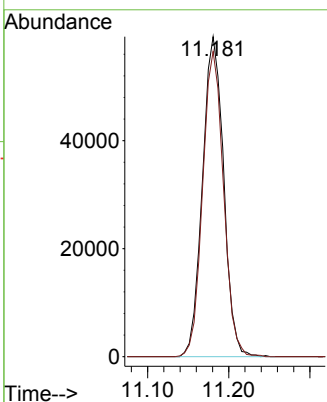
#61
 1,2-Dibromoethane
 Concen: 44.451 ug/l
 RT: 11.181 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:107 Resp: 107173

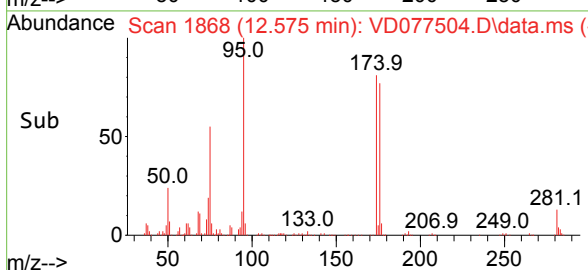
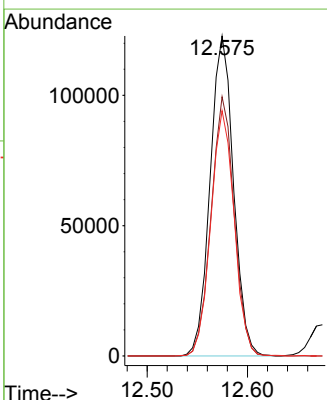
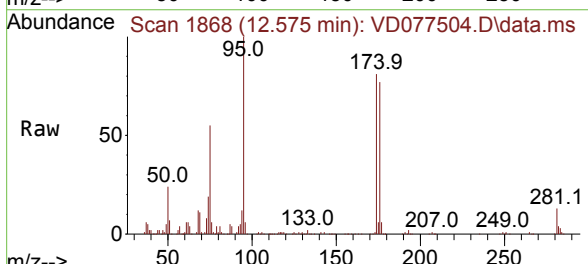
Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.6	113.4

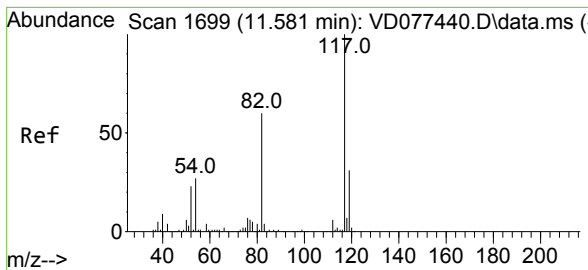


#62
 4-Bromofluorobenzene
 Concen: 47.720 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

Tgt Ion: 95 Resp: 198889

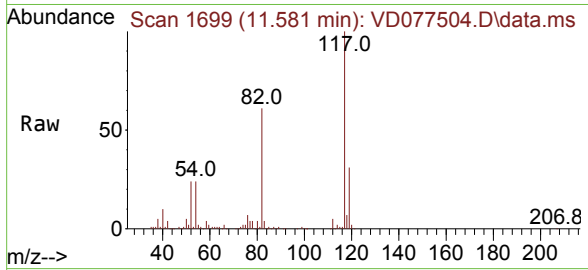
Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	201.8
176	76.6	0.0	191.8



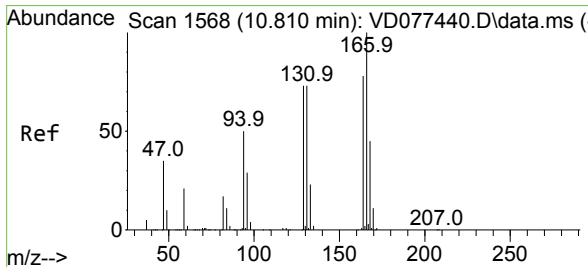
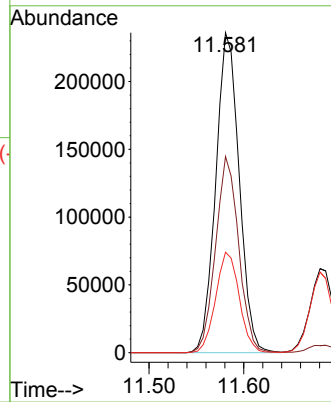
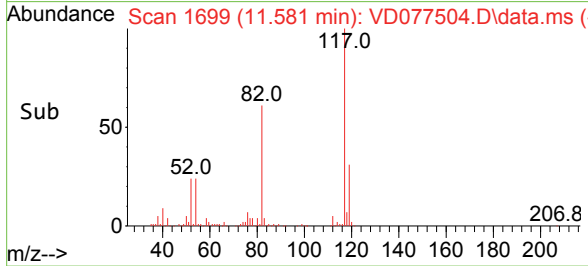


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :

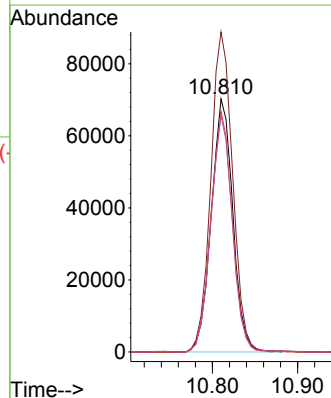
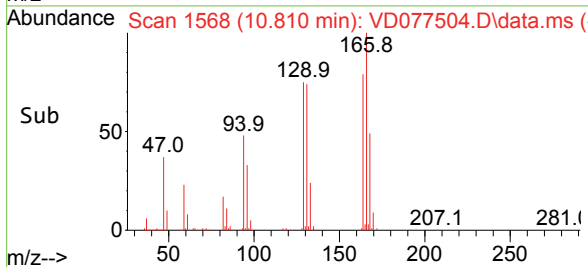
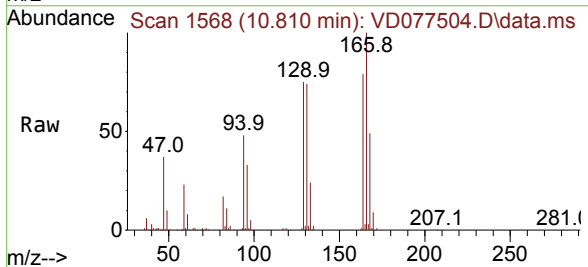


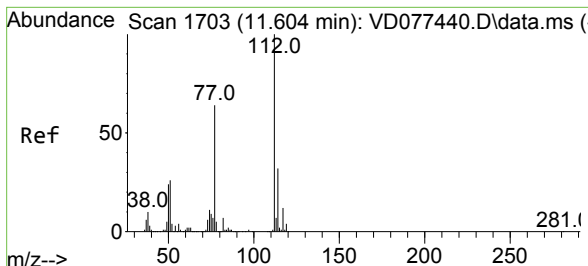
Tgt Ion:117 Resp: 405598
Ion Ratio Lower Upper
117 100
82 61.3 38.3 57.5#
119 31.4 25.0 37.4



#64
Tetrachloroethene
Concen: 47.713 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion:164 Resp: 123208
Ion Ratio Lower Upper
164 100
166 126.5 99.2 148.8
129 95.0 68.4 102.6
131 93.5 63.8 95.8

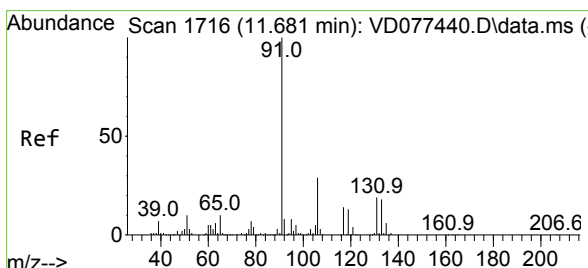
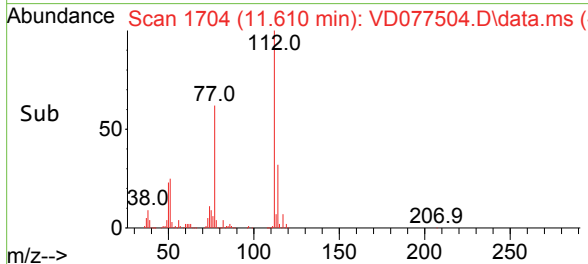
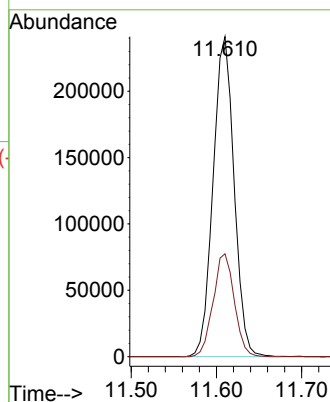
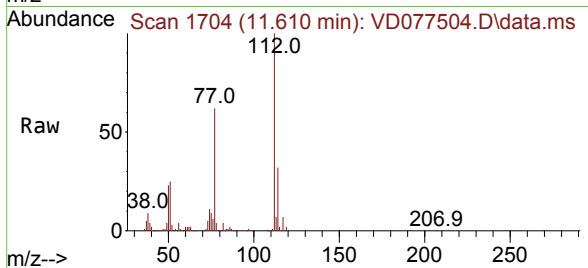




#65
Chlorobenzene
Concen: 48.571 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

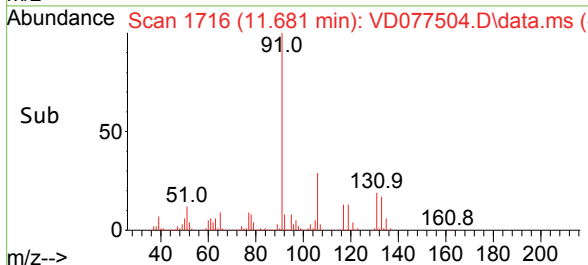
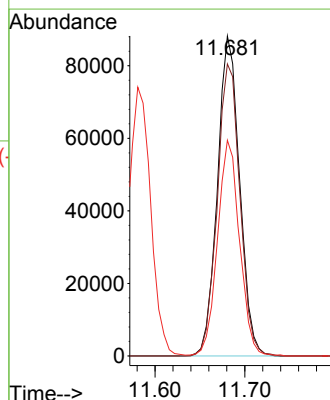
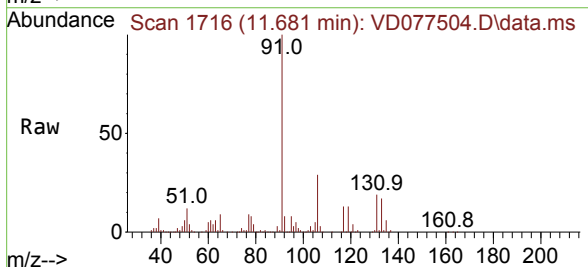
Instrument :
MSVOA_D
ClientSampleId :

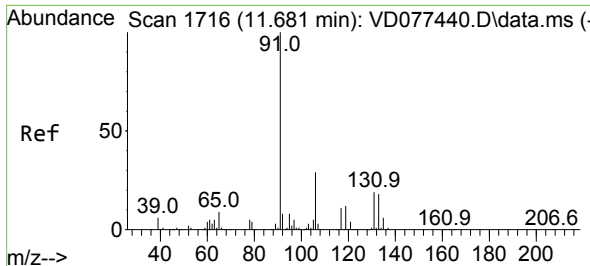
Tgt Ion:112 Resp: 412721
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 47.226 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion:131 Resp: 151646
Ion Ratio Lower Upper
131 100
133 93.2 48.5 145.5
119 66.9 35.6 106.9

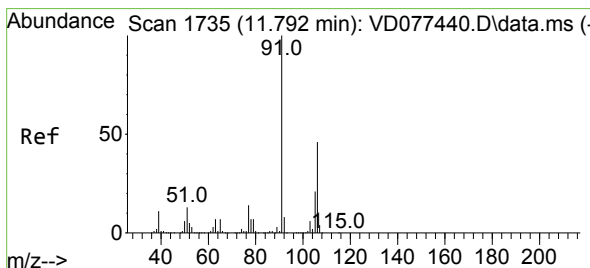
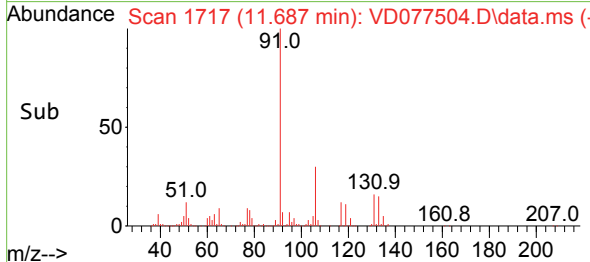
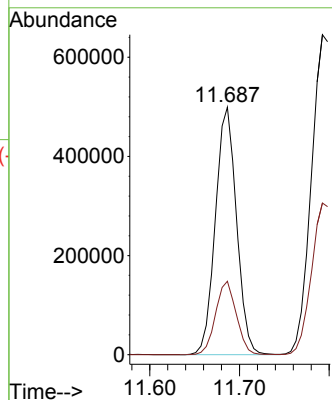
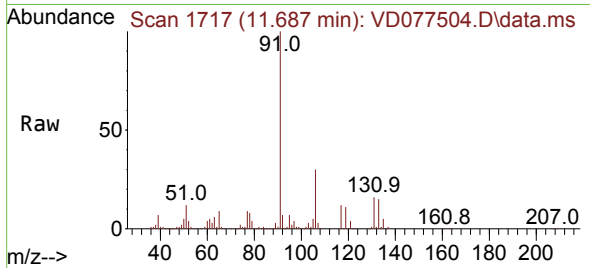




#67
Ethyl Benzene
Concen: 49.963 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

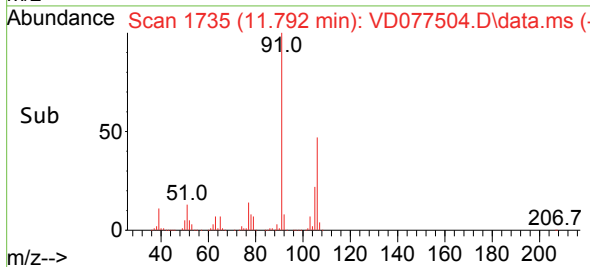
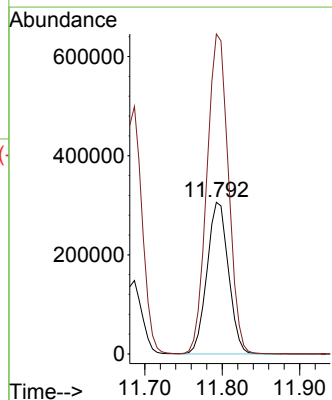
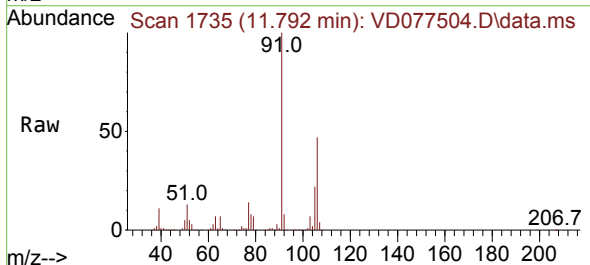
Instrument :
MSVOA_D
ClientSampleId :

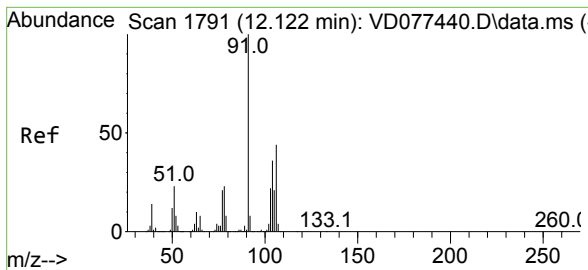
Tgt Ion: 91 Resp: 816876
Ion Ratio Lower Upper
91 100
106 29.7 26.5 39.7



#68
m/p-Xylenes
Concen: 99.655 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion:106 Resp: 588362
Ion Ratio Lower Upper
106 100
91 211.8 147.0 220.6

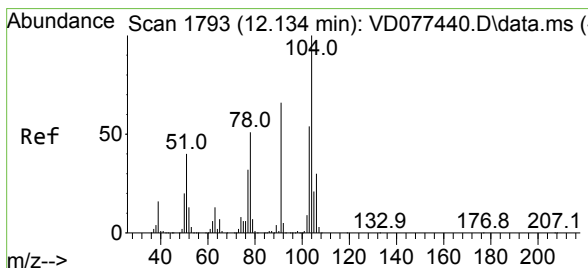
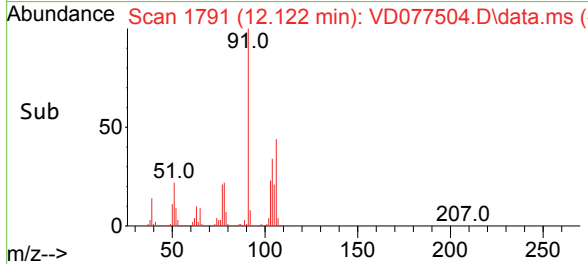
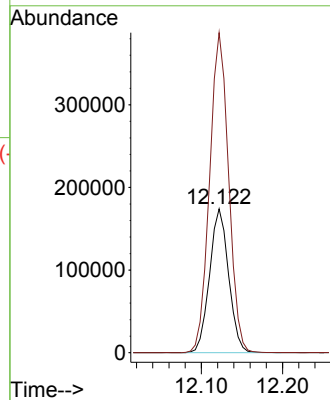
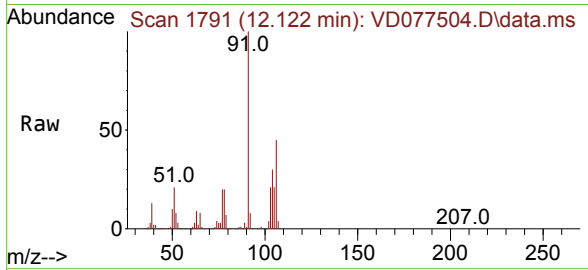




#69
o-Xylene
Concen: 50.185 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

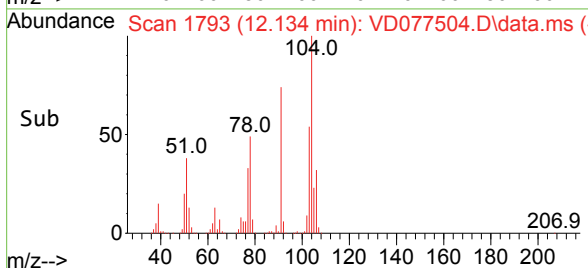
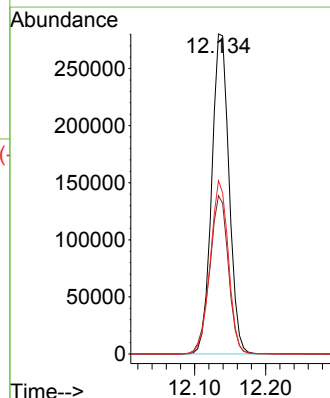
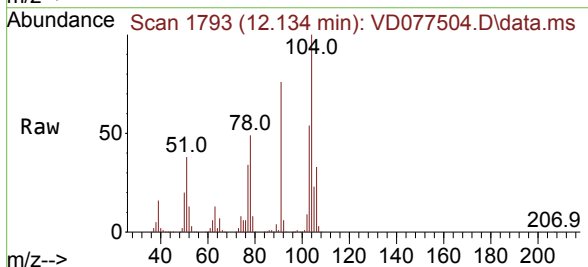
Instrument :
MSVOA_D
ClientSampleId :

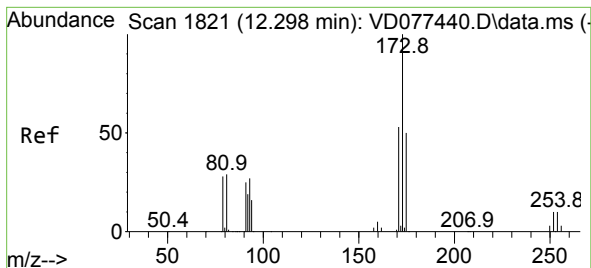
Tgt Ion:106 Resp: 283805
Ion Ratio Lower Upper
106 100
91 222.3 97.9 293.6



#70
Styrene
Concen: 48.911 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion:104 Resp: 477168
Ion Ratio Lower Upper
104 100
78 53.2 33.2 49.8#
103 56.5 43.6 65.4





#71

Bromoform

Concen: 44.348 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD077504.D

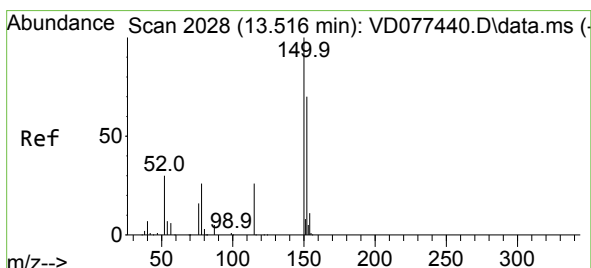
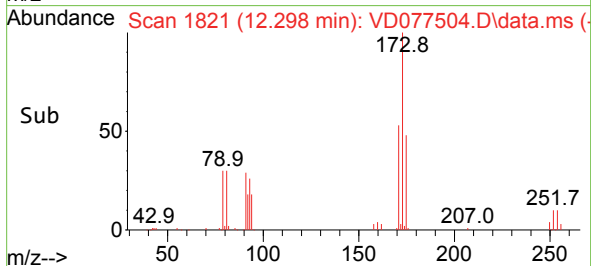
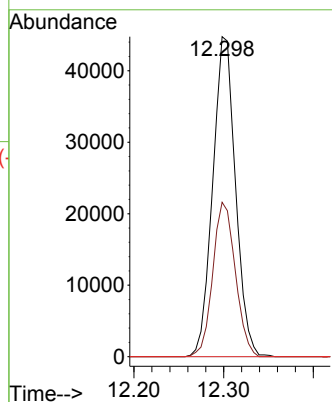
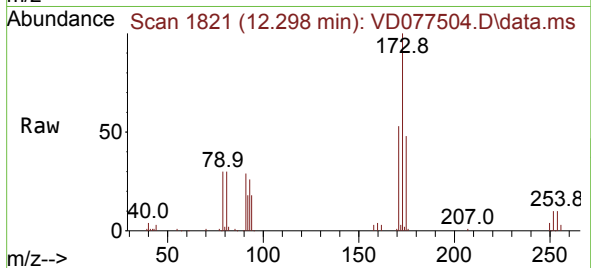
Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	78948
Ion Ratio	Lower	Upper
173	100	
175	47.8	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

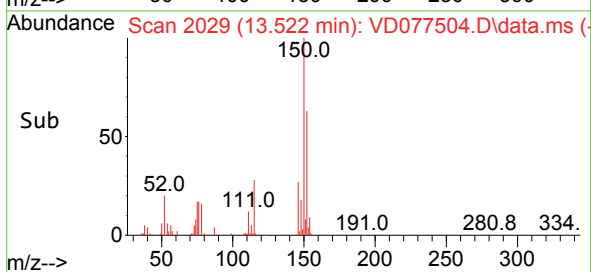
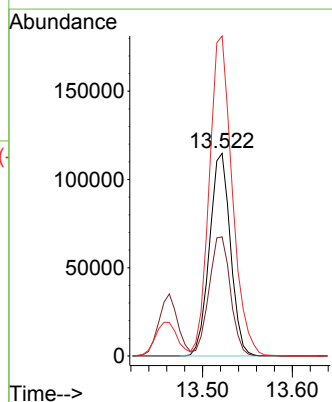
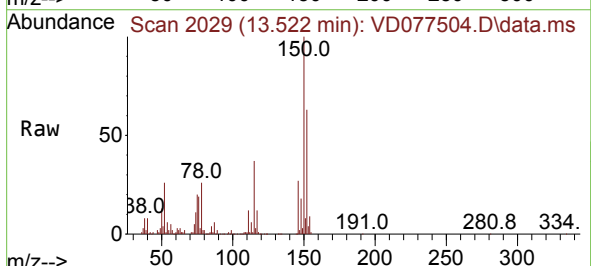
RT: 13.522 min Scan# 2029

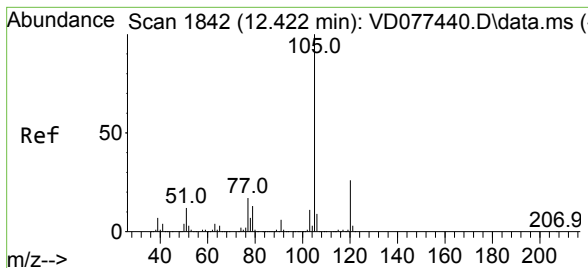
Delta R.T. 0.006 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Tgt Ion:152	Resp:	186220
Ion Ratio	Lower	Upper
152	100	
115	60.5	27.1 81.3
150	172.8	0.0 353.6





#73

Isopropylbenzene

Concen: 49.933 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

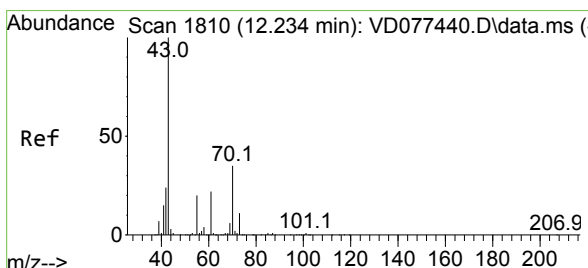
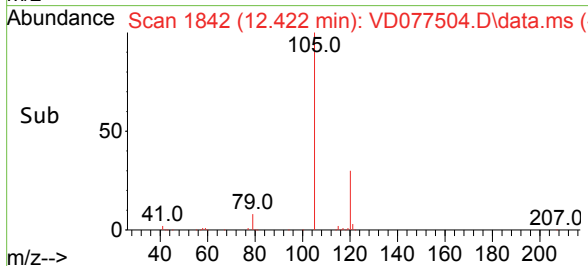
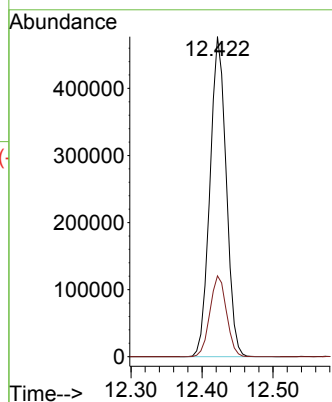
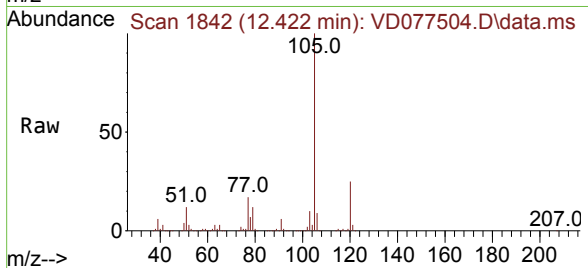
ClientSampleId :

Tgt Ion:105 Resp: 758116

Ion Ratio Lower Upper

105 100

120 25.7 14.3 42.9



#74

N-ethyl acetate

Concen: 42.779 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Tgt Ion: 43 Resp: 230058

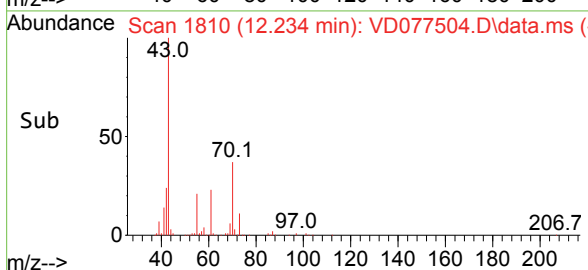
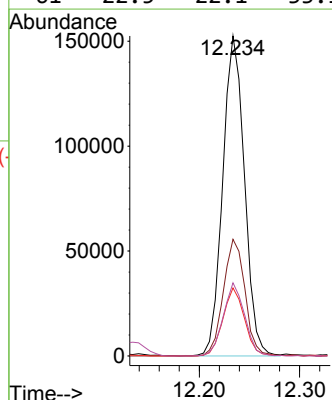
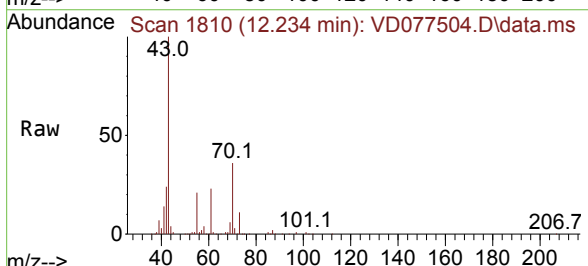
Ion Ratio Lower Upper

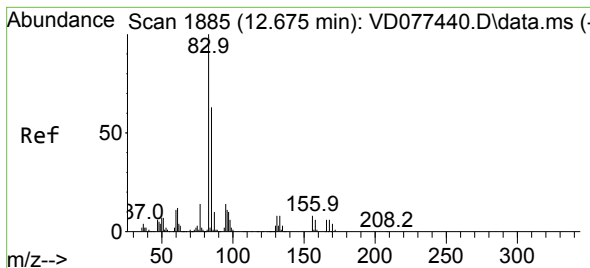
43 100

70 36.3 45.0 67.4#

55 21.1 23.8 35.6#

61 22.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 45.220 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

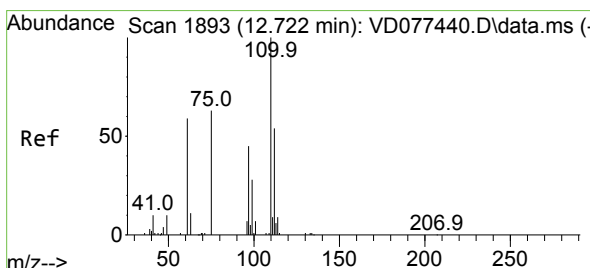
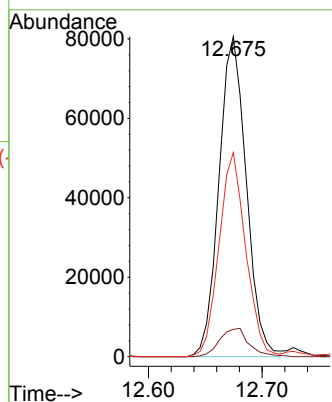
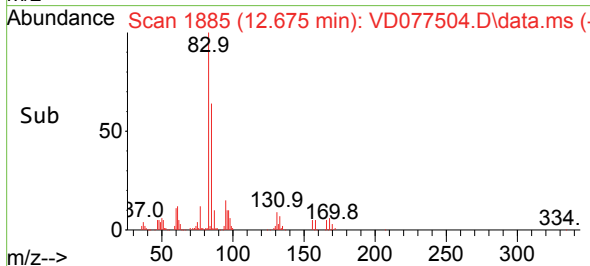
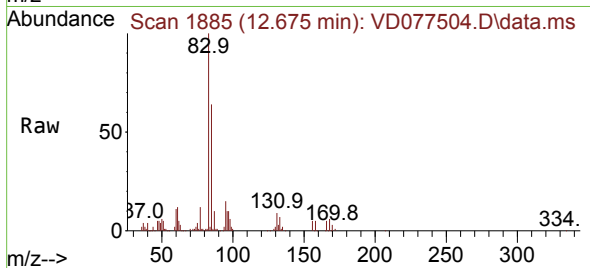
Tgt Ion: 83 Resp: 134580

Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.3

85 62.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 81.658 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD077504.D

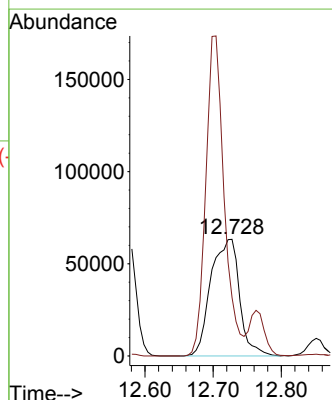
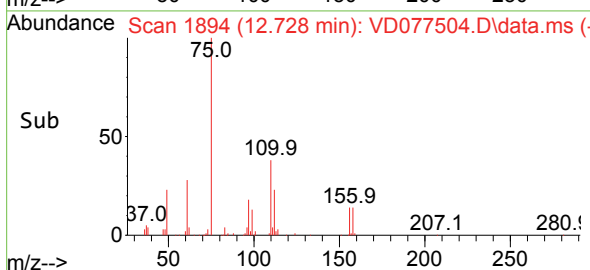
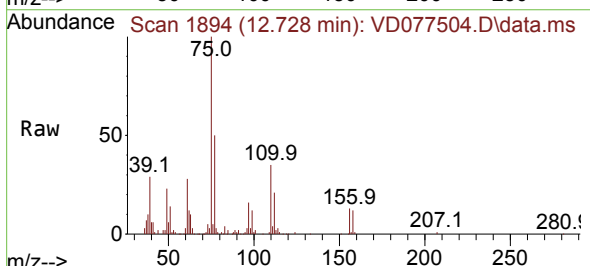
Acq: 06 Nov 2023 09:46

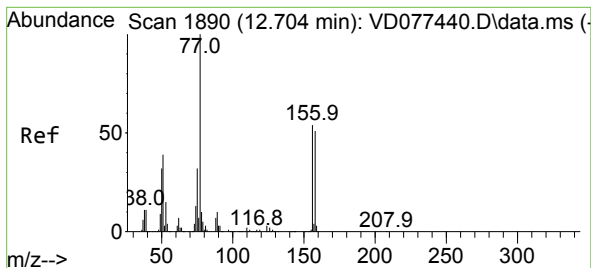
Tgt Ion: 75 Resp: 185076

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.800 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

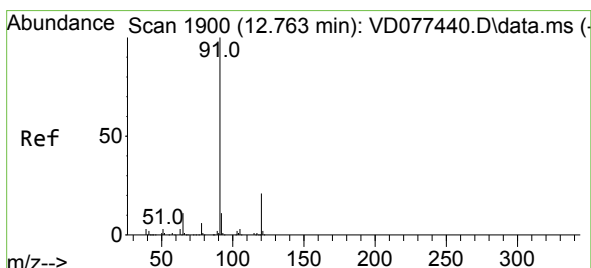
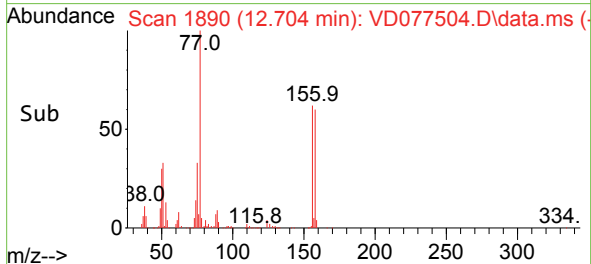
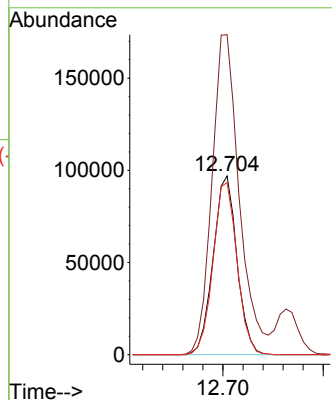
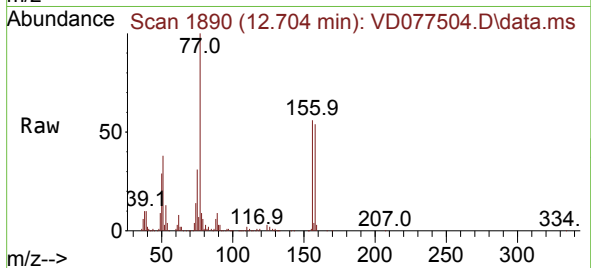
Tgt Ion:156 Resp: 159742

Ion Ratio Lower Upper

156 100

77 205.7 76.8 230.4

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 49.906 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD077504.D

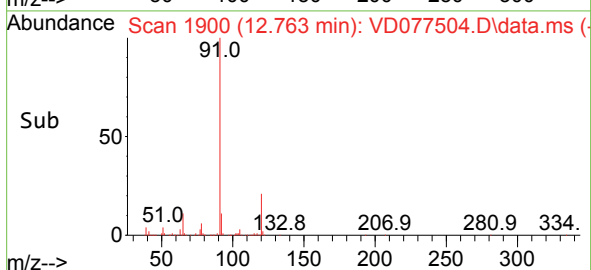
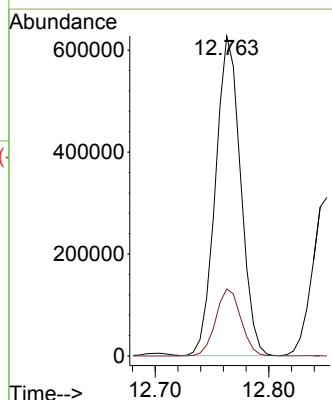
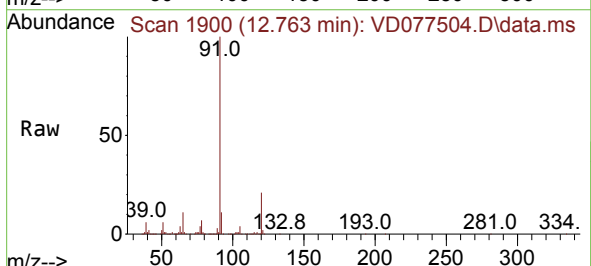
Acq: 06 Nov 2023 09:46

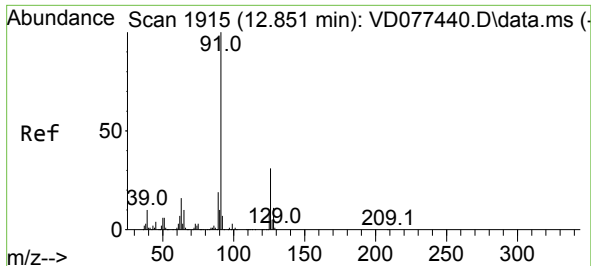
Tgt Ion: 91 Resp: 962082

Ion Ratio Lower Upper

91 100

120 21.1 12.4 37.2

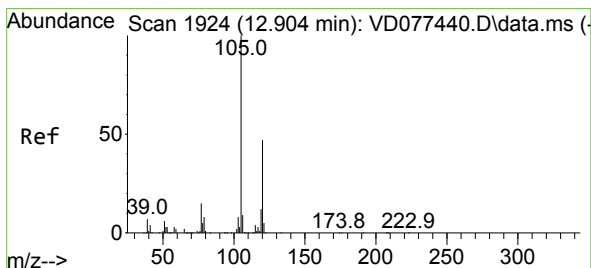
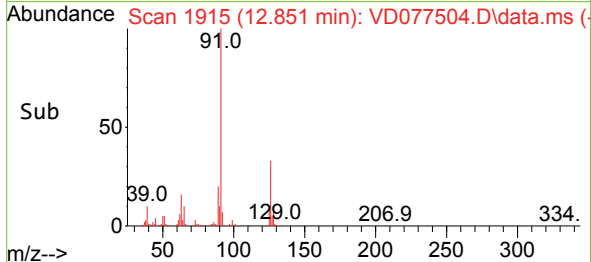
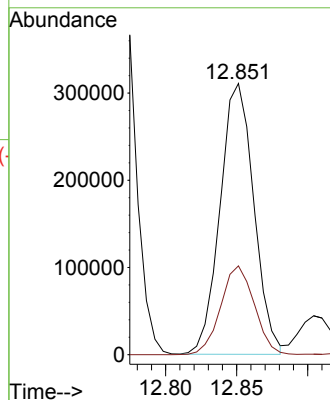
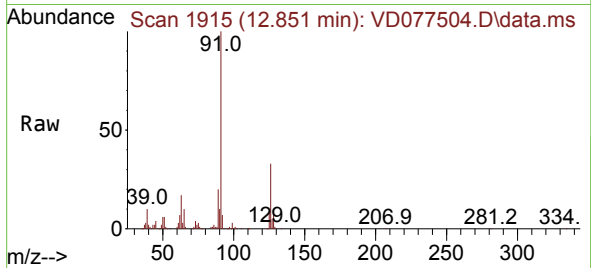




#79
2-Chlorotoluene
Concen: 47.087 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

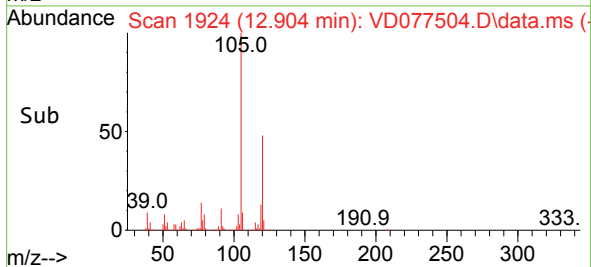
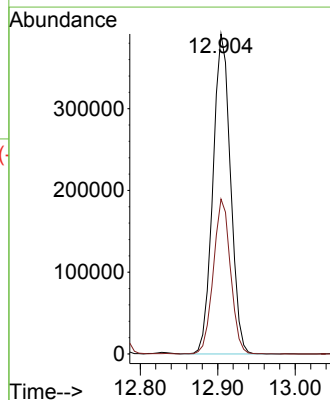
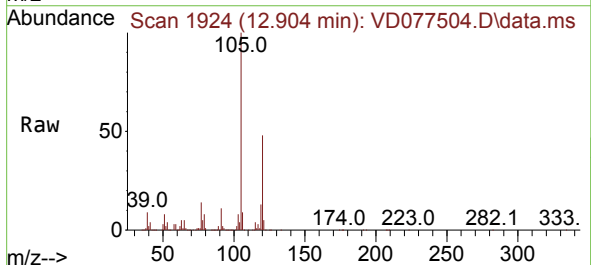
Instrument :
MSVOA_D
ClientSampleId :

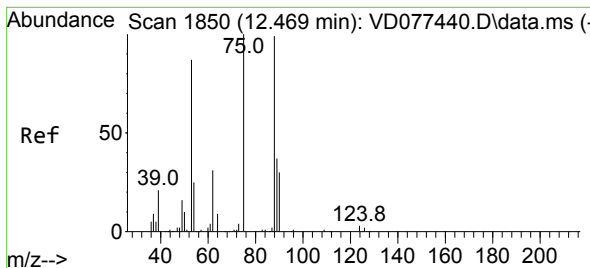
Tgt Ion: 91 Resp: 513966
Ion Ratio Lower Upper
91 100
126 32.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 48.623 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 105 Resp: 619439
Ion Ratio Lower Upper
105 100
120 47.2 26.4 79.2

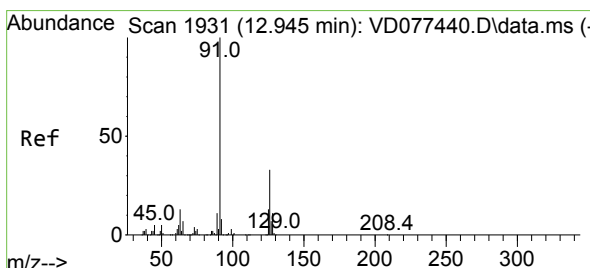
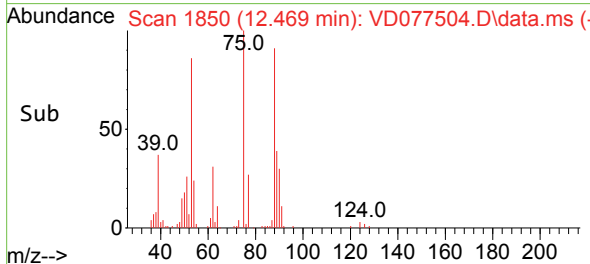
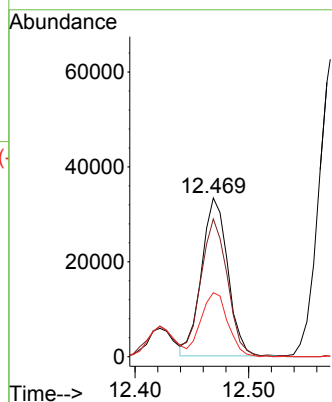
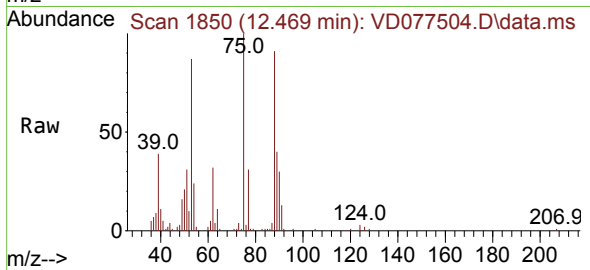




#81
trans-1,4-Dichloro-2-butene
Concen: 45.434 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

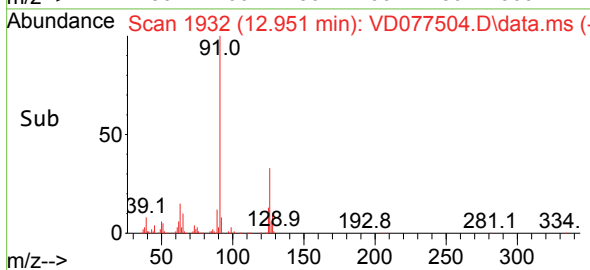
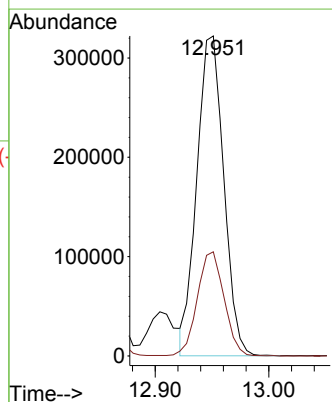
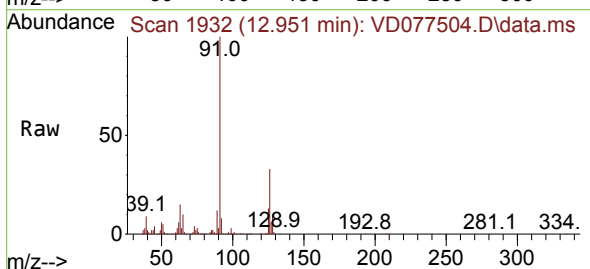
Instrument :
MSVOA_D
ClientSampleId :

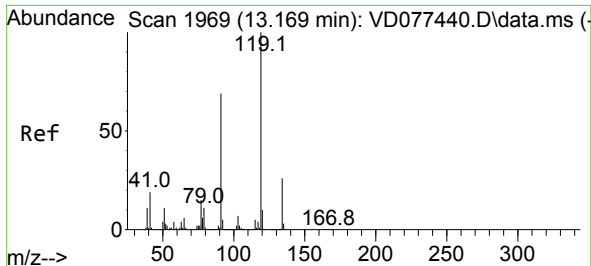
Tgt Ion: 75 Resp: 53310
Ion Ratio Lower Upper
75 100
53 88.9 63.0 94.4
89 41.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 46.613 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 91 Resp: 529983
Ion Ratio Lower Upper
91 100
126 32.5 19.4 58.4

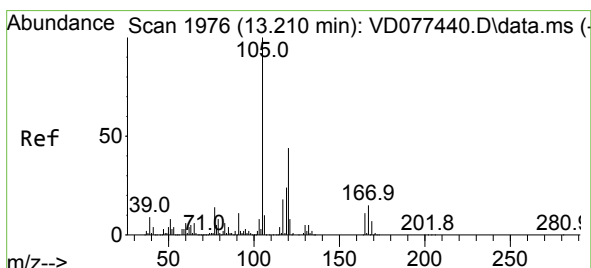
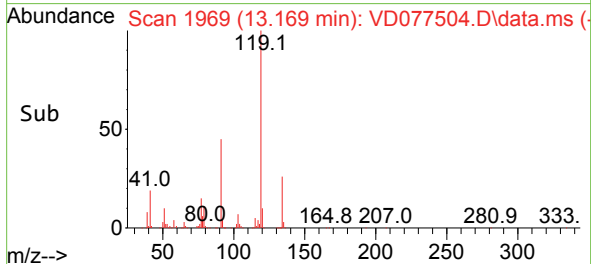
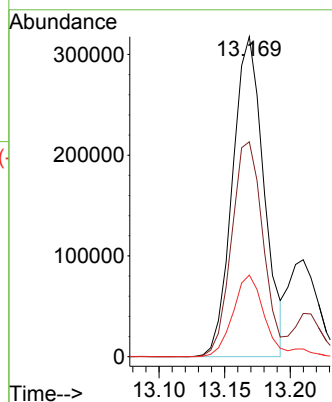
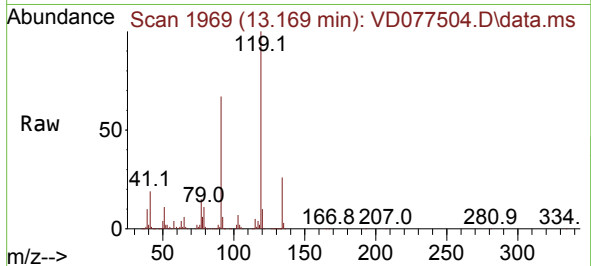




#83
tert-Butylbenzene
Concen: 49.483 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

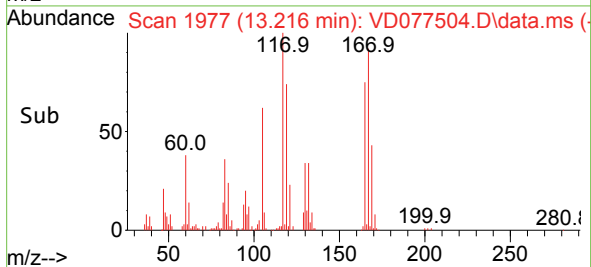
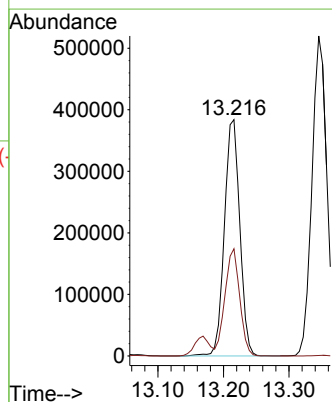
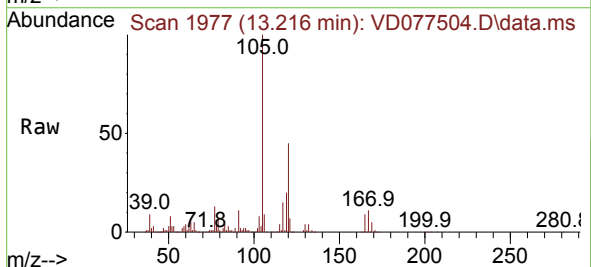
Instrument :
MSVOA_D
ClientSampleId :

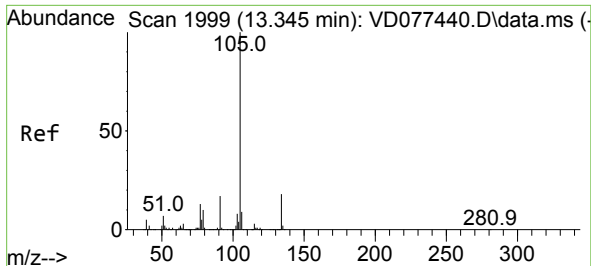
Tgt Ion:119 Resp: 530005
Ion Ratio Lower Upper
119 100
91 68.3 29.3 87.8
134 26.5 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 49.418 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion:105 Resp: 625386
Ion Ratio Lower Upper
105 100
120 43.4 24.3 72.9

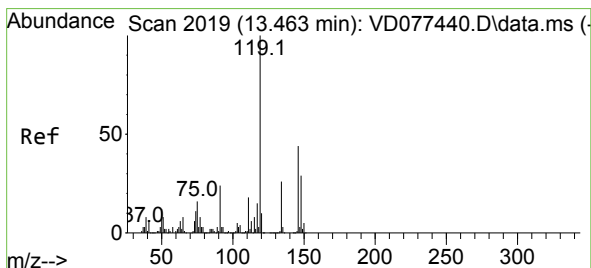
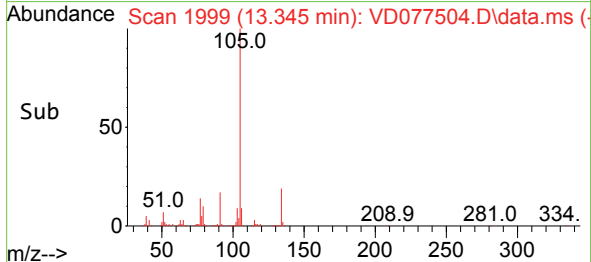
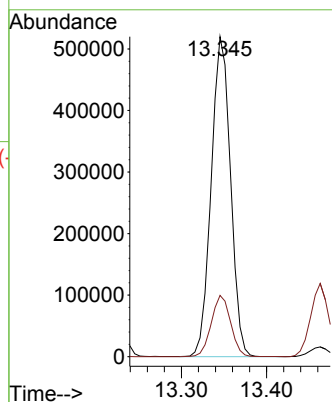
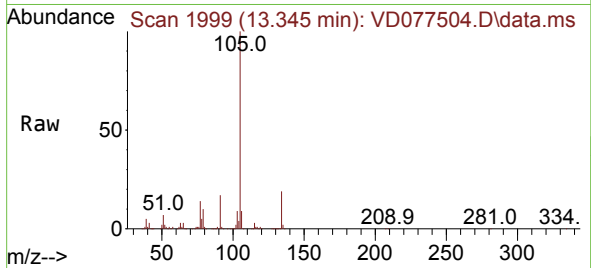




#85
 sec-Butylbenzene
 Concen: 49.954 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

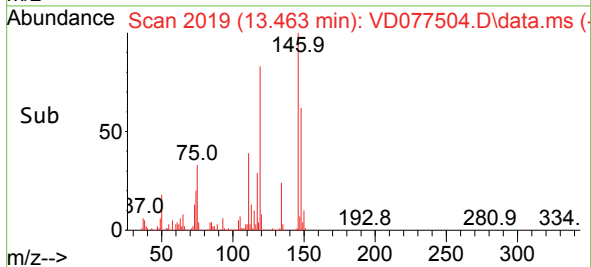
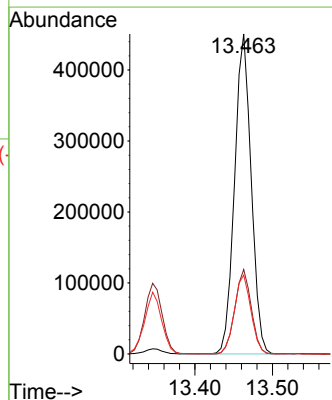
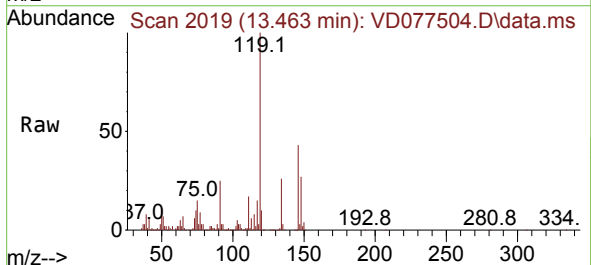
Instrument :
 MSVOA_D
 ClientSampleId :

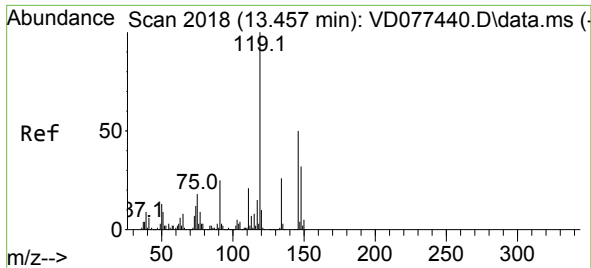
Tgt Ion:105 Resp: 818655
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 50.346 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077504.D
 Acq: 06 Nov 2023 09:46

Tgt Ion:119 Resp: 670656
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 24.7 10.5 31.5

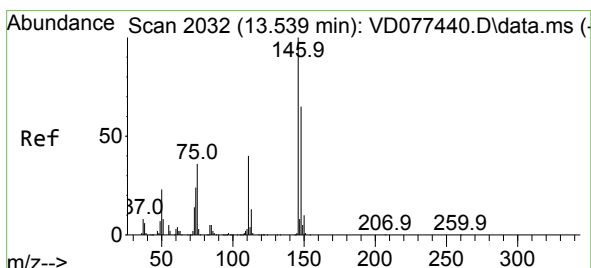
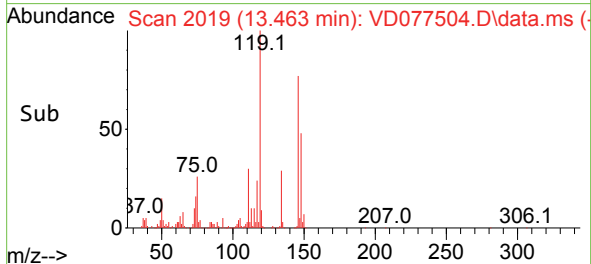
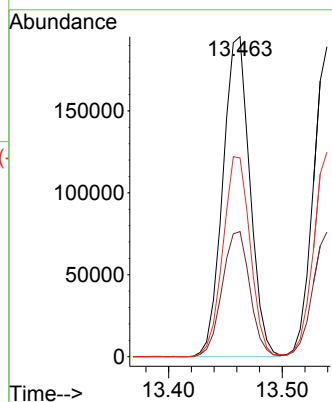
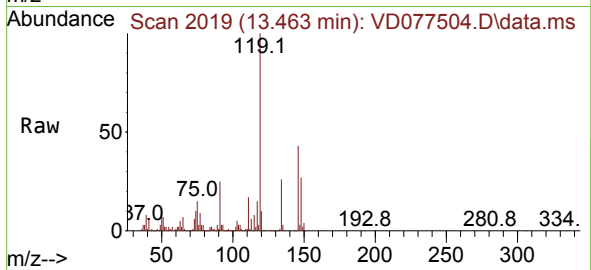




#87
1,3-Dichlorobenzene
Concen: 49.185 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

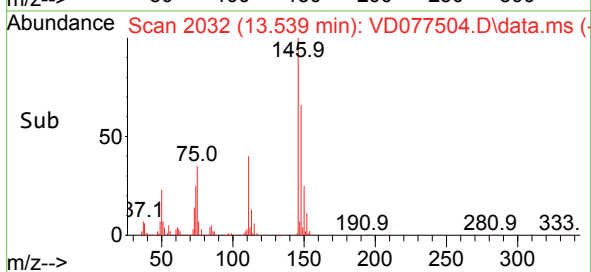
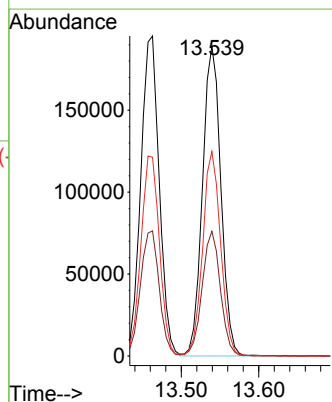
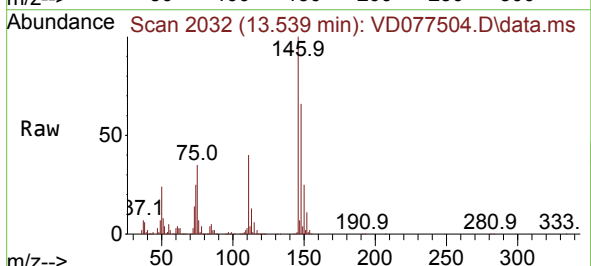
Instrument :
MSVOA_D
ClientSampleId :

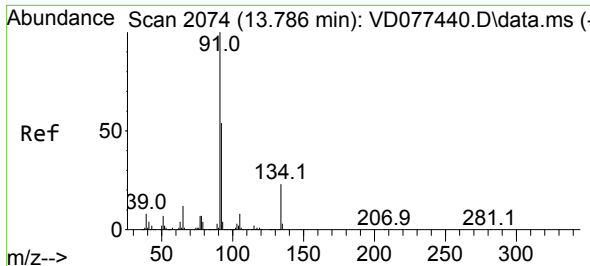
Tgt Ion:146 Resp: 323103
Ion Ratio Lower Upper
146 100
111 40.1 17.9 53.8
148 63.1 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 47.472 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion:146 Resp: 311572
Ion Ratio Lower Upper
146 100
111 39.8 17.4 52.3
148 64.4 31.7 95.1

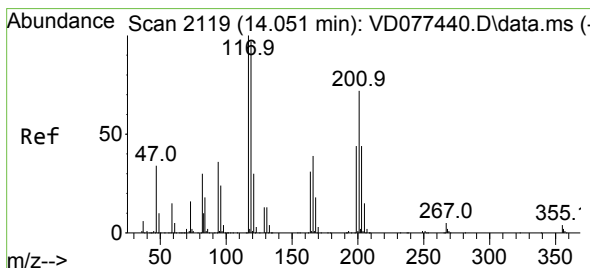
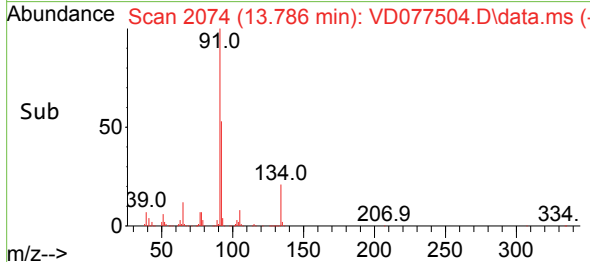
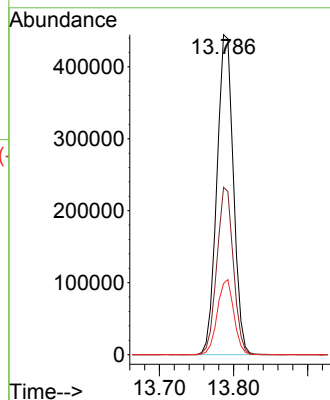
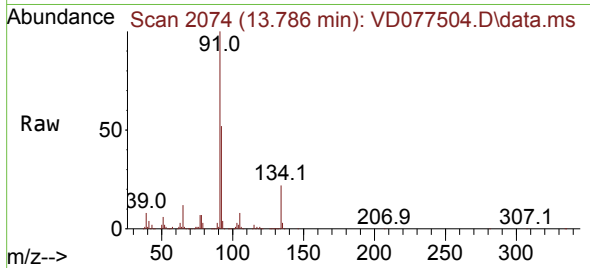




#89
n-Butylbenzene
Concen: 49.687 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

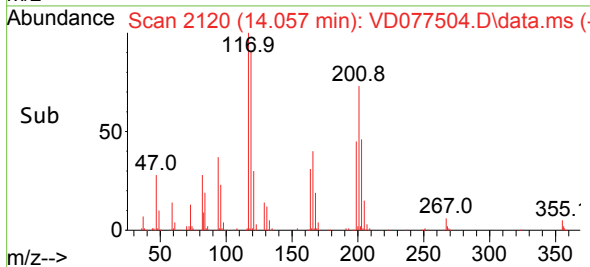
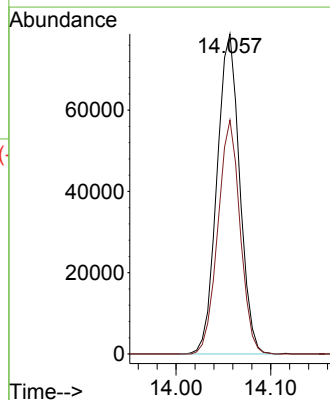
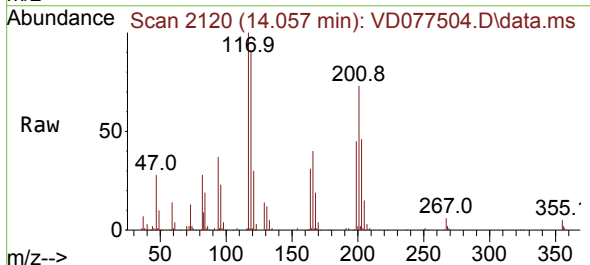
Instrument :
MSVOA_D
ClientSampleId :

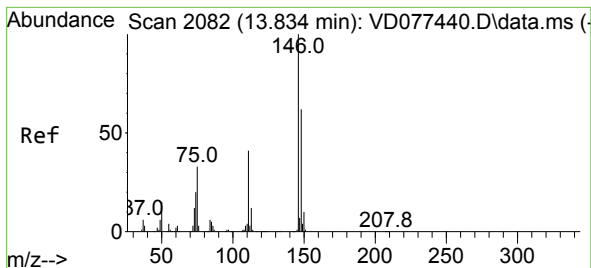
Tgt Ion: 91 Resp: 687927
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.5
134 23.4 13.8 41.3



#90
Hexachloroethane
Concen: 48.116 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion: 117 Resp: 131159
Ion Ratio Lower Upper
117 100
201 71.5 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 47.534 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

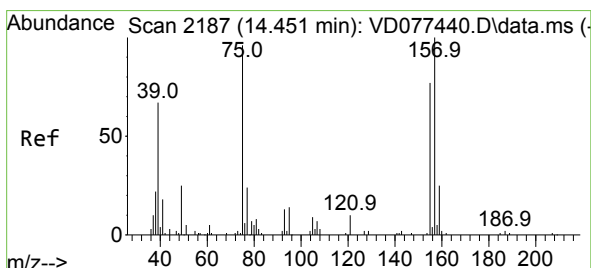
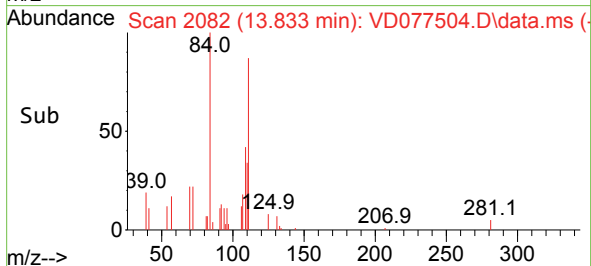
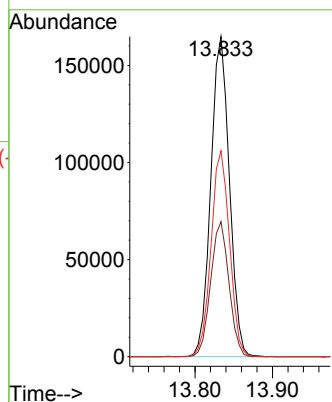
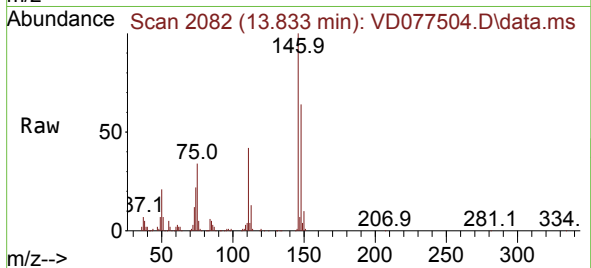
Tgt Ion:146 Resp: 274417

Ion Ratio Lower Upper

146 100

111 41.6 18.3 54.8

148 63.9 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.494 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

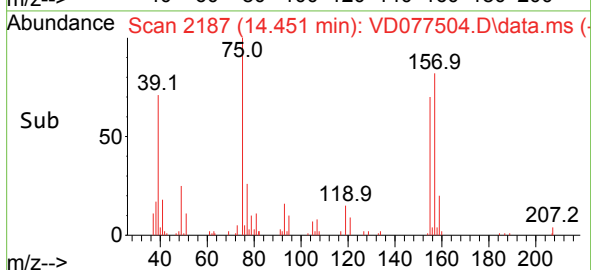
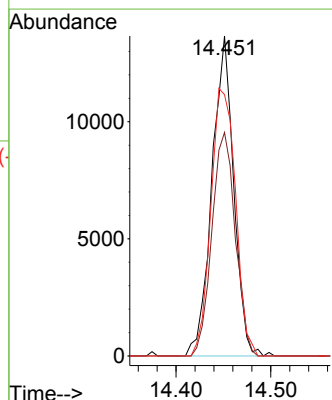
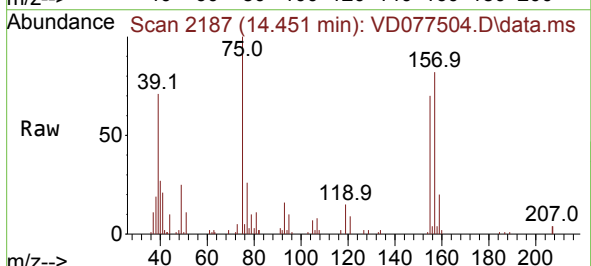
Tgt Ion: 75 Resp: 21807

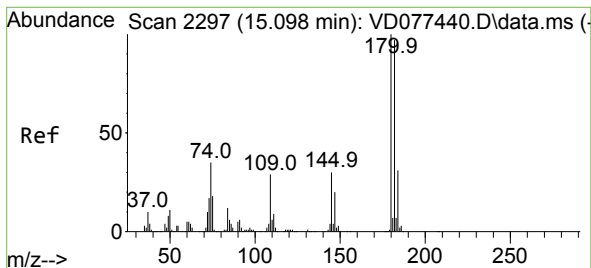
Ion Ratio Lower Upper

75 100

155 75.3 47.9 143.8

157 94.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 46.399 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

Instrument :

MSVOA_D

ClientSampleId :

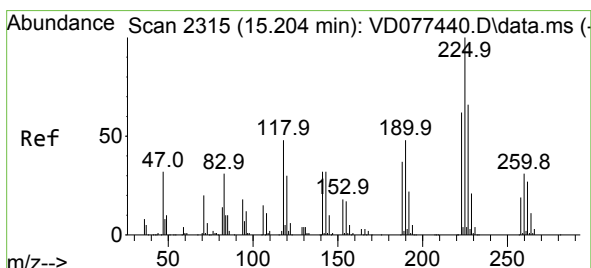
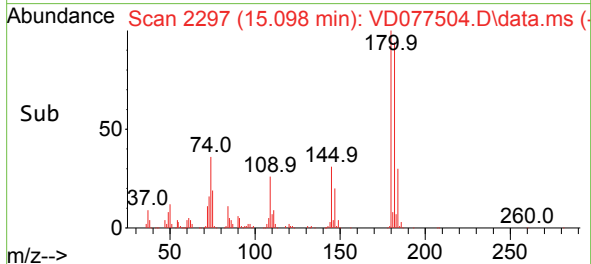
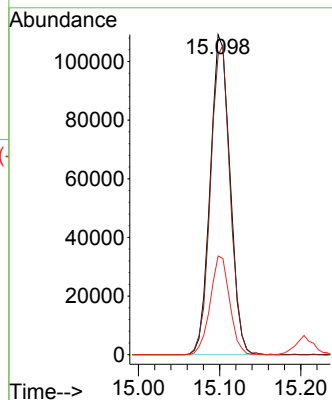
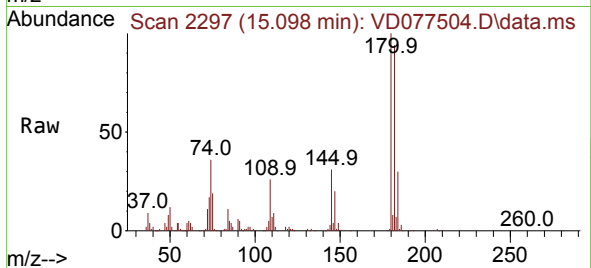
Tgt Ion:180 Resp: 184017

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.6

145 30.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.615 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077504.D

Acq: 06 Nov 2023 09:46

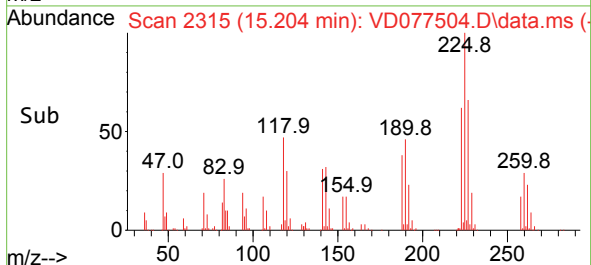
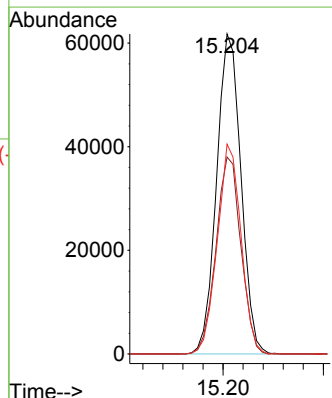
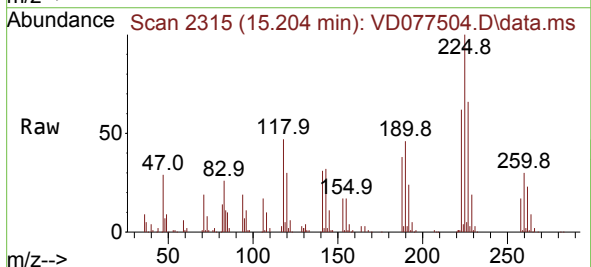
Tgt Ion:225 Resp: 104002

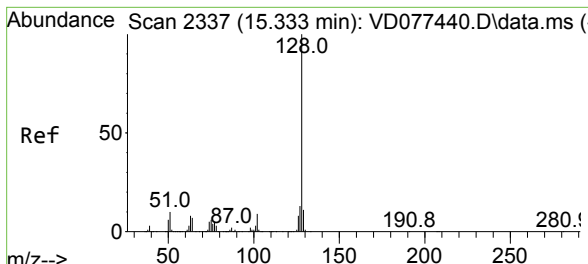
Ion Ratio Lower Upper

225 100

223 63.0 31.6 94.8

227 64.0 31.7 95.1

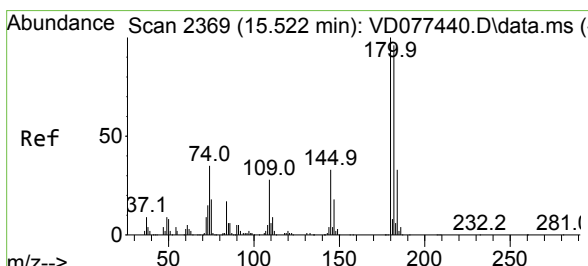
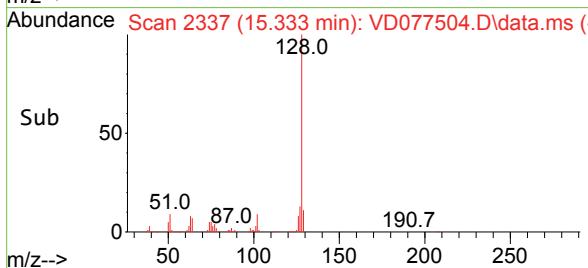
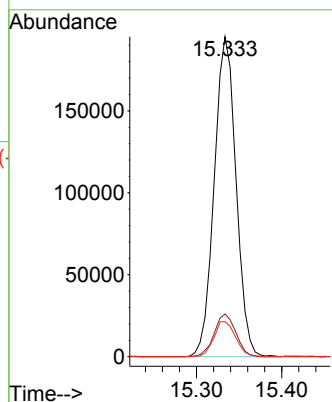
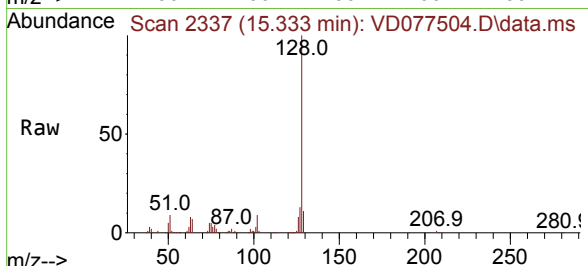




#95
Naphthalene
Concen: 45.900 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 347270
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.792 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077504.D
Acq: 06 Nov 2023 09:46

Tgt Ion:180 Resp: 156764
Ion Ratio Lower Upper
180 100
182 96.7 47.3 141.9
145 31.4 15.1 45.3

