

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092023\
 Data File : VD077170.D
 Acq On : 20 Sep 2023 17:37
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 21 02:28:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	199867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	332669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	338598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	176041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99847	49.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.805	113	116547	50.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.880%
50) Toluene-d8	10.269	98	424925	51.664	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.575	95	141146	55.369	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.740%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	102229	49.494	ug/l	98
3) Chloromethane	2.146	50	209499	54.871	ug/l	100
4) Vinyl Chloride	2.281	62	235585	57.682	ug/l	99
5) Bromomethane	2.687	94	170330	57.261	ug/l	97
6) Chloroethane	2.828	64	153473	60.391	ug/l	99
7) Trichlorofluoromethane	3.170	101	206375	55.905	ug/l	95
8) Diethyl Ether	3.593	74	59861	50.243	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	121740	52.747	ug/l	99
10) Methyl Iodide	4.164	142	177838	53.910	ug/l #	90
11) Tert butyl alcohol	5.046	59	30826	268.041	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	117869	50.695	ug/l	91
13) Acrolein	3.793	56	16436	211.776	ug/l	94
14) Allyl chloride	4.558	41	148825	52.465	ug/l	94
15) Acrylonitrile	5.252	53	131510	263.231	ug/l	97
16) Acetone	4.017	43	127588	276.758	ug/l #	85
17) Carbon Disulfide	4.264	76	379992	49.646	ug/l	97
18) Methyl Acetate	4.564	43	94314	54.102	ug/l	93
19) Methyl tert-butyl Ether	5.317	73	274492	54.559	ug/l	100
20) Methylene Chloride	4.799	84	174904	59.929	ug/l #	89
21) trans-1,2-Dichloroethene	5.311	96	147522	52.489	ug/l	98
22) Diisopropyl ether	6.216	45	348462	54.332	ug/l	97
23) Vinyl Acetate	6.152	43	710782	277.213	ug/l	94
24) 1,1-Dichloroethane	6.111	63	237765	51.652	ug/l	98
25) 2-Butanone	7.081	43	172444	284.324	ug/l	90
26) 2,2-Dichloropropane	7.075	77	219557	56.191	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	173532	54.923	ug/l	95
28) Bromochloromethane	7.422	49	73378	51.912	ug/l	91
29) Tetrahydrofuran	7.440	42	98612	278.128	ug/l	92
30) Chloroform	7.593	83	277979	56.033	ug/l	97
31) Cyclohexane	7.875	56	183704	52.058	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	231656	55.942	ug/l	98
36) 1,1-Dichloropropene	8.005	75	197954	56.885	ug/l	98
37) Ethyl Acetate	7.163	43	70074	52.485	ug/l	99
38) Carbon Tetrachloride	7.987	117	193274	56.508	ug/l	96
39) Methylcyclohexane	9.269	83	240214	59.994	ug/l	98
40) Benzene	8.246	78	594384	55.207	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	42522	59.670	ug/l	92
42) 1,2-Dichloroethane	8.322	62	147642	55.310	ug/l	99
43) Isopropyl Acetate	8.358	43	136382	55.480	ug/l	93
44) Trichloroethene	9.028	130	162069	54.388	ug/l	98
45) 1,2-Dichloropropane	9.299	63	171394	65.541	ug/l	96
46) Dibromomethane	9.393	93	86777	57.105	ug/l	97
47) Bromodichloromethane	9.581	83	211614	57.626	ug/l	96
48) Methyl methacrylate	9.375	41	67105	60.076	ug/l	86
49) 1,4-Dioxane	9.381	88	18420	1342.885	ug/l #	96
51) 4-Methyl-2-Pentanone	10.157	43	374431	291.246	ug/l	93
52) Toluene	10.334	92	393502	57.131	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	213197	62.143	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	237783	57.850	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	123568	59.786	ug/l	97
56) Ethyl methacrylate	10.599	69	138135	62.209	ug/l	94
57) 1,3-Dichloropropane	10.881	76	212725	63.578	ug/l #	87
58) 2-Chloroethyl Vinyl ether	9.869	63	306617	265.242	ug/l	99
59) 2-Hexanone	10.922	43	274818	297.929	ug/l	92
60) Dibromochloromethane	11.075	129	149613	59.100	ug/l	99
61) 1,2-Dibromoethane	11.181	107	113310	56.709	ug/l	99
64) Tetrachloroethene	10.810	164	142234	53.990	ug/l	98
65) Chlorobenzene	11.604	112	432199	54.260	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	159333	54.677	ug/l	99
67) Ethyl Benzene	11.681	91	821150	59.976	ug/l	96
68) m/p-Xylenes	11.793	106	618631	112.851	ug/l	93
69) o-Xylene	12.122	106	281690	55.985	ug/l	90
70) Styrene	12.134	104	494341	57.668	ug/l	97
71) Bromoform	12.299	173	91785	56.822	ug/l #	98
73) Isopropylbenzene	12.422	105	737299	56.682	ug/l	96
74) N-amyl acetate	12.234	43	137583	56.307	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	134885	54.949	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	190030	135.327	ug/l #	100
77) Bromobenzene	12.698	156	180452	55.714	ug/l	94
78) n-propylbenzene	12.763	91	1070012	67.298	ug/l	98
79) 2-Chlorotoluene	12.851	91	483634	55.160	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	613868	56.508	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	38202	51.493	ug/l	87
82) 4-Chlorotoluene	12.946	91	511632	55.522	ug/l	95
83) tert-Butylbenzene	13.169	119	535420	57.689	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	639182	58.025	ug/l	95
85) sec-Butylbenzene	13.346	105	794512	57.048	ug/l	97
86) p-Isopropyltoluene	13.463	119	684490	57.935	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	363819	54.619	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	350474	53.477	ug/l	97
89) n-Butylbenzene	13.787	91	614848	56.412	ug/l	98
90) Hexachloroethane	14.051	117	125935	53.746	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	312278	54.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	18844	57.491	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	200298	56.847	ug/l	97
94) Hexachlorobutadiene	15.204	225	101728	54.483	ug/l	100
95) Naphthalene	15.334	128	375430	58.107	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	180192	57.536	ug/l	99

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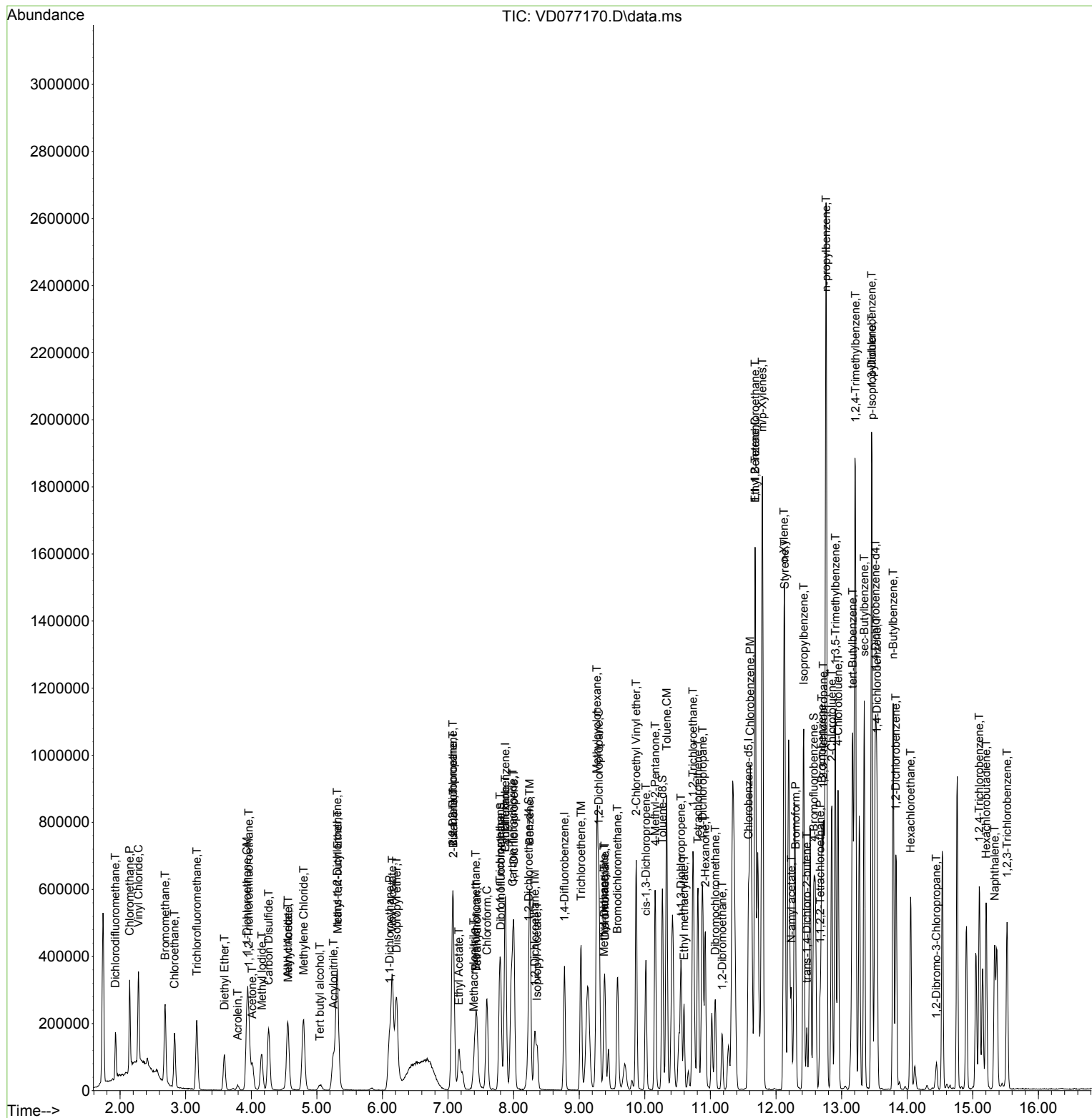
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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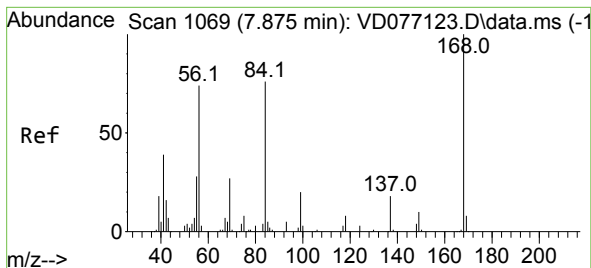
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

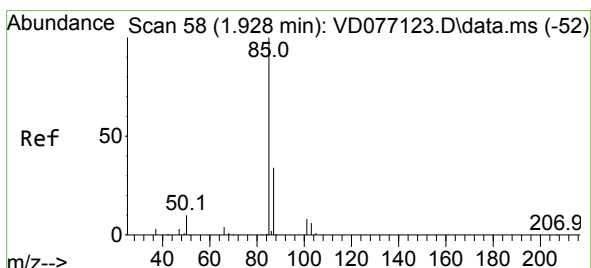
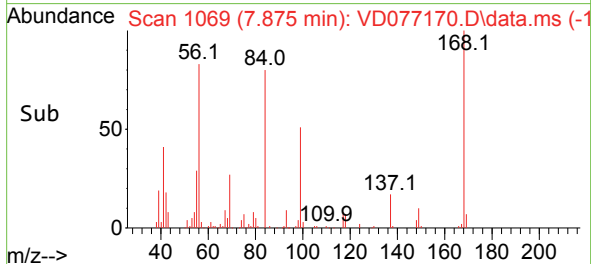
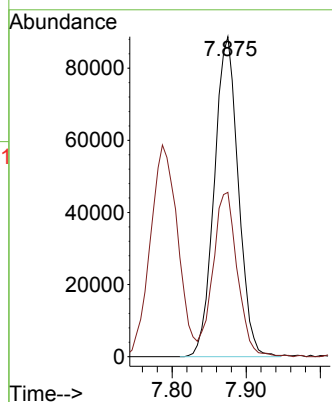
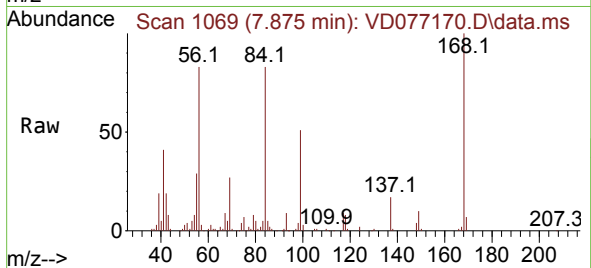
ClientSampleId :

Tgt Ion:168 Resp: 199867

Ion Ratio Lower Upper

168 100

99 50.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 49.494 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077170.D

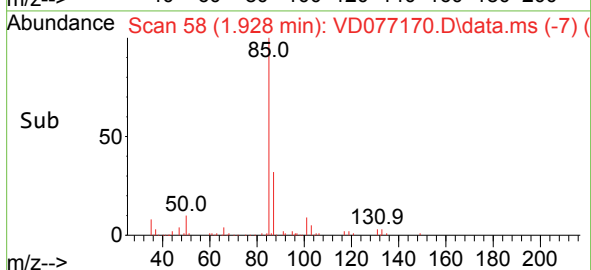
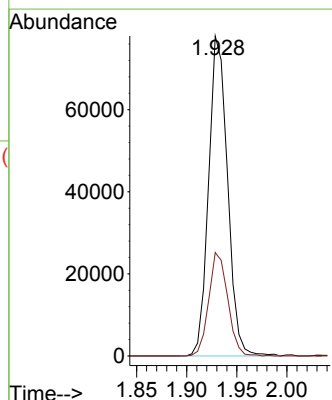
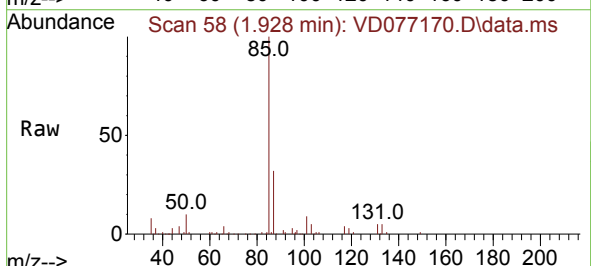
Acq: 20 Sep 2023 17:37

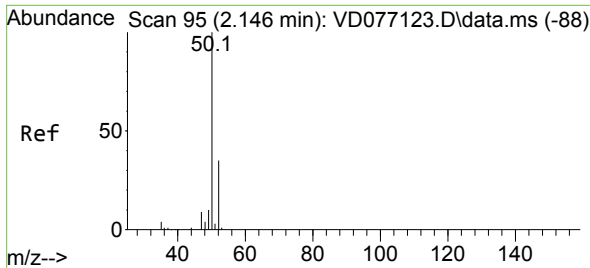
Tgt Ion: 85 Resp: 102229

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.0

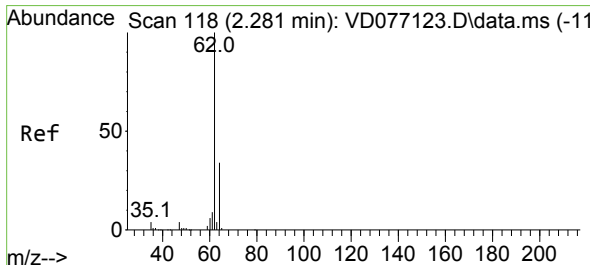
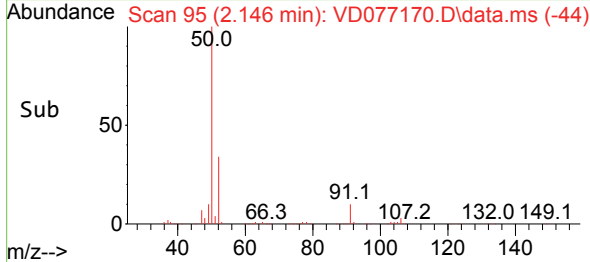
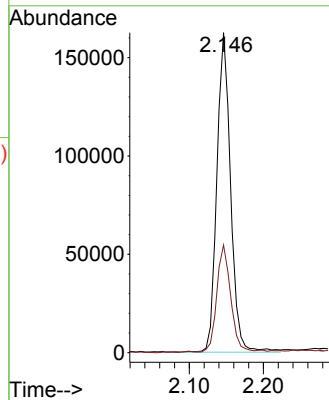
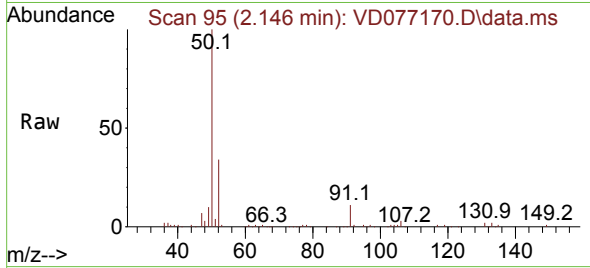




#3
Chloromethane
Concen: 54.871 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077170.D
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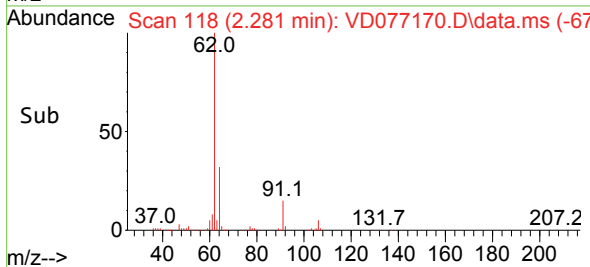
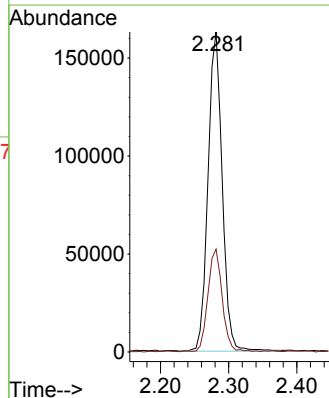
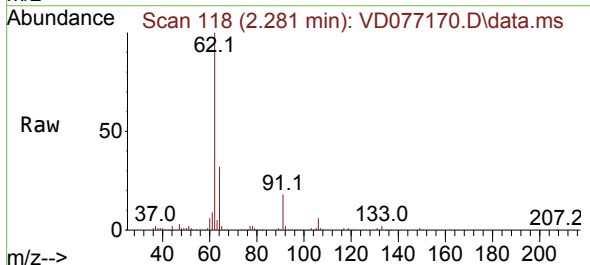
Instrument :
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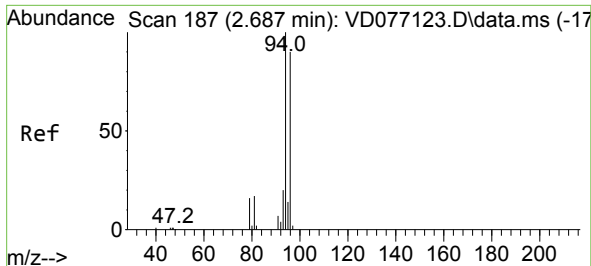
Tgt Ion: 50 Resp: 209499
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0



#4
Vinyl Chloride
Concen: 57.682 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion: 62 Resp: 235585
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

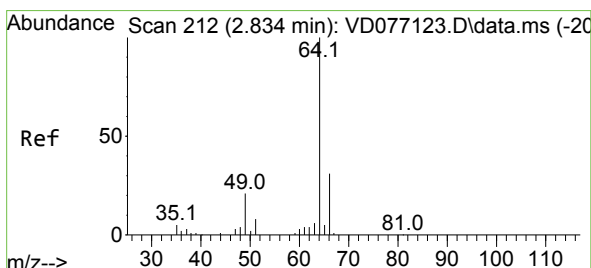
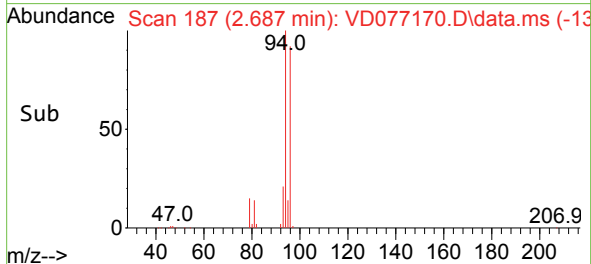
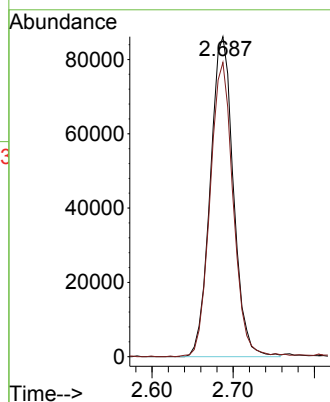
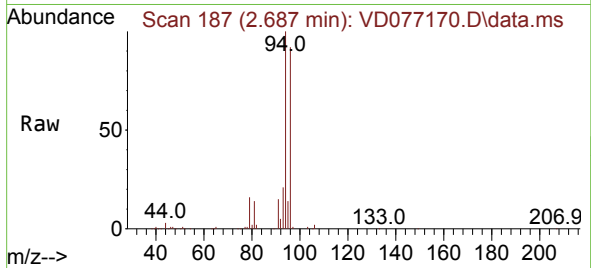




#5
Bromomethane
Concen: 57.261 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077170.D
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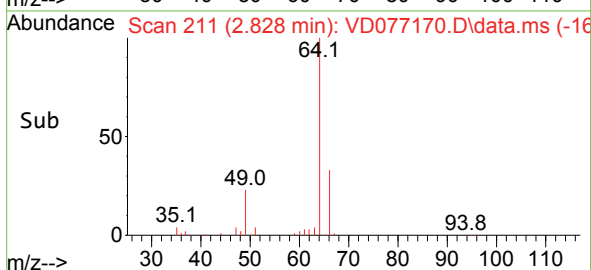
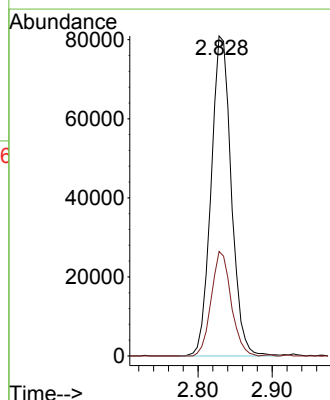
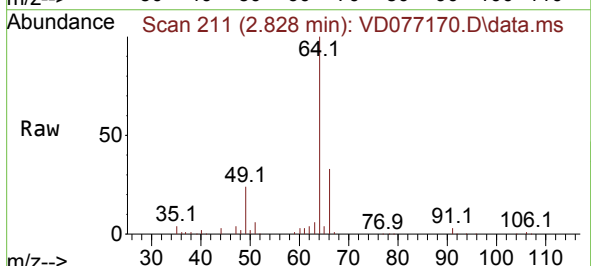
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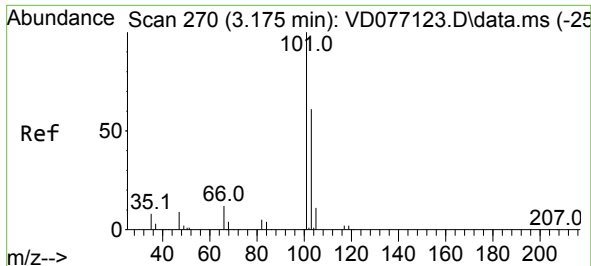
Tgt Ion: 94 Resp: 170330
Ion Ratio Lower Upper
94 100
96 92.1 75.8 113.8



#6
Chloroethane
Concen: 60.391 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077170.D
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Tgt Ion: 64 Resp: 153473
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3

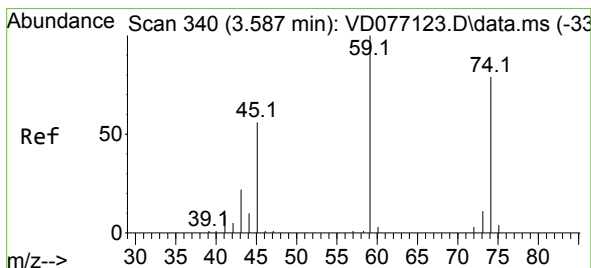
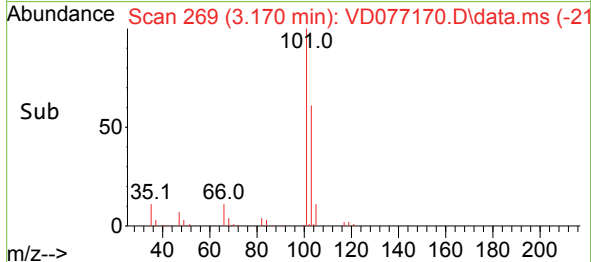
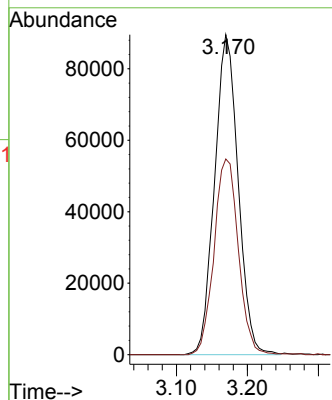
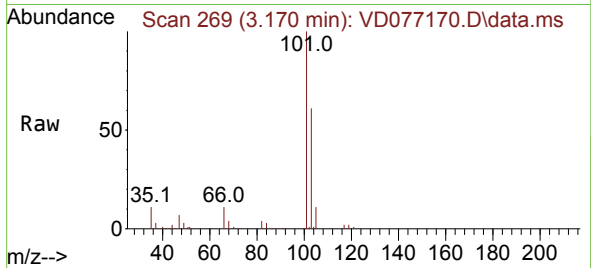




#7
 Trichlorofluoromethane
 Concen: 55.905 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077170.D
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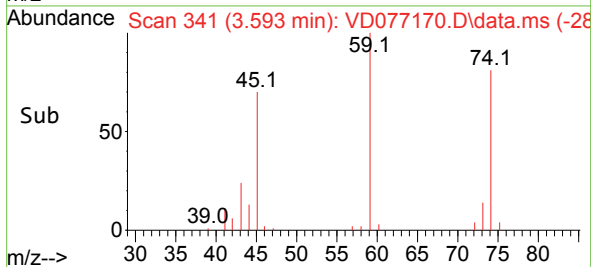
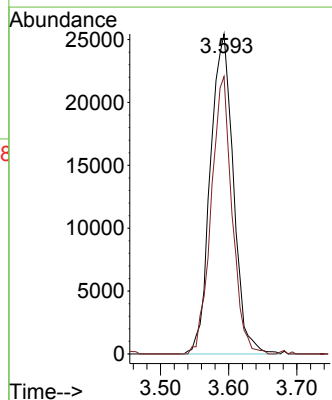
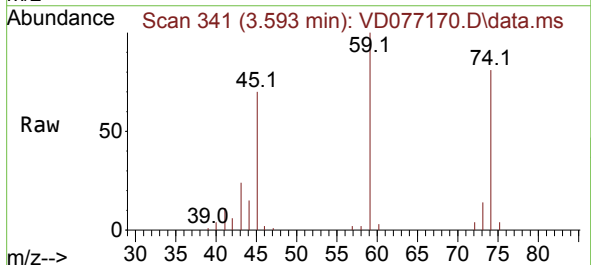
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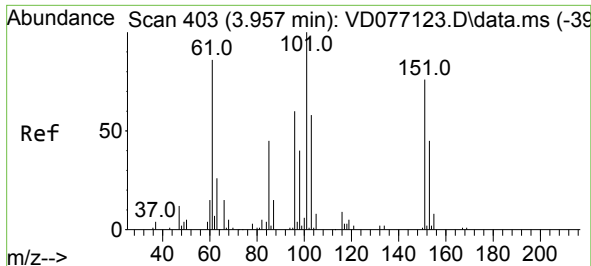
Tgt Ion:101 Resp: 206375
 Ion Ratio Lower Upper
 101 100
 103 61.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 50.243 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD077170.D
 Acq: 20 Sep 2023 17:37

Tgt Ion: 74 Resp: 59861
 Ion Ratio Lower Upper
 74 100
 45 78.8 37.5 112.7

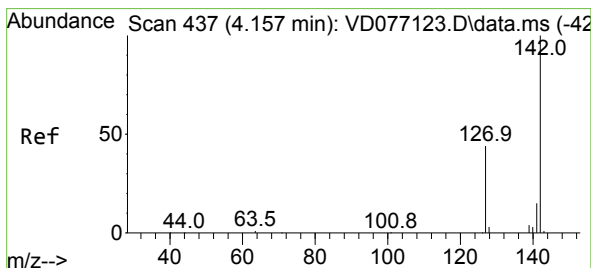
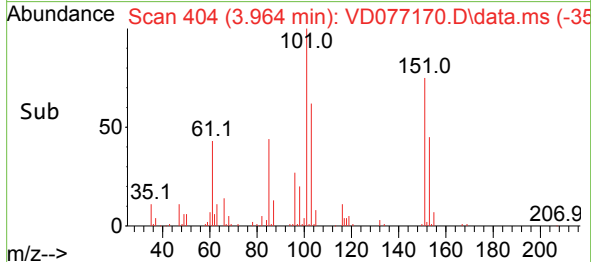
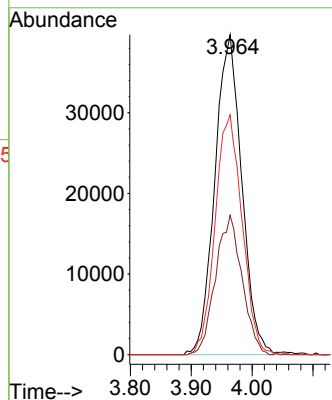
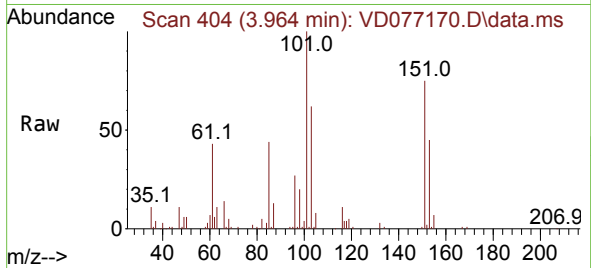




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.747 ug/l
RT: 3.964 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

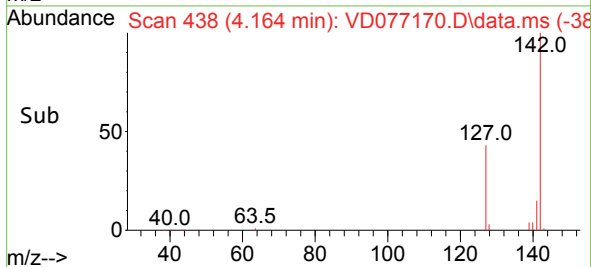
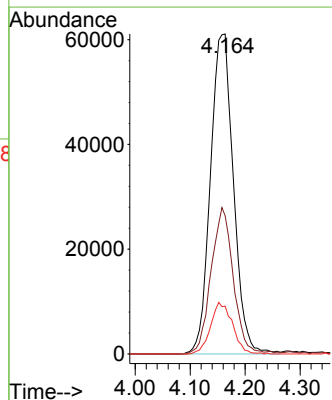
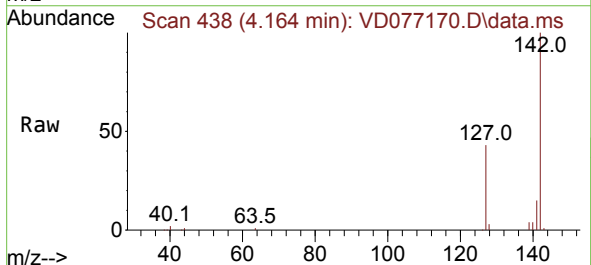
Instrument :
MSVOA_D
ClientSampleId :

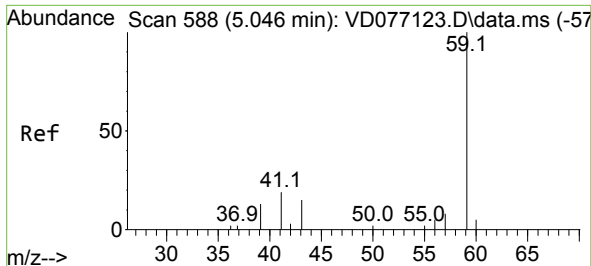
Tgt Ion:101 Resp: 121740
Ion Ratio Lower Upper
101 100
85 42.9 33.8 50.6
151 75.1 59.8 89.6



#10
Methyl Iodide
Concen: 53.910 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion:142 Resp: 177838
Ion Ratio Lower Upper
142 100
127 44.3 29.4 44.0#
141 15.4 11.1 16.7





#11

Tert butyl alcohol

Concen: 268.041 ug/l

RT: 5.046 min Scan# 51

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

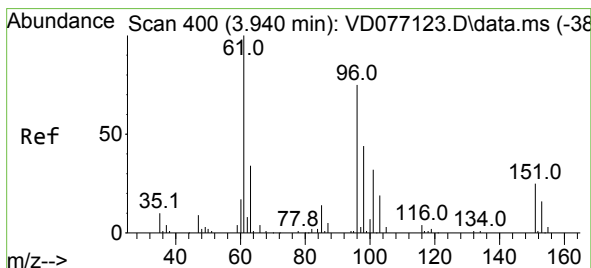
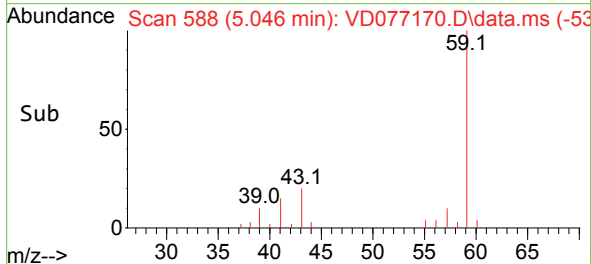
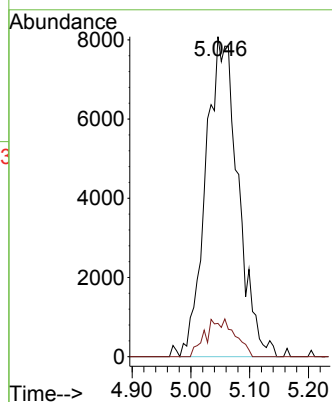
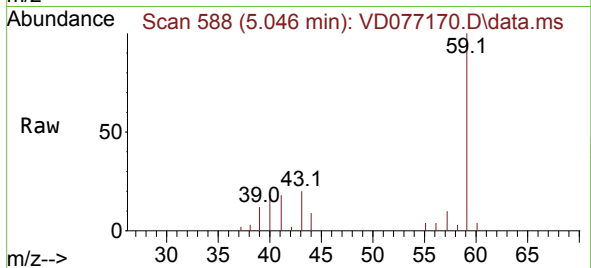
ClientSampleId :

Tgt Ion: 59 Resp: 30826

Ion Ratio Lower Upper

59 100

57 6.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 50.695 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

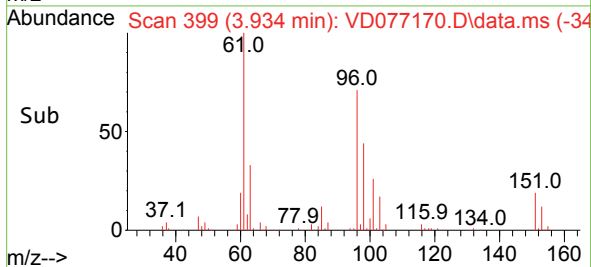
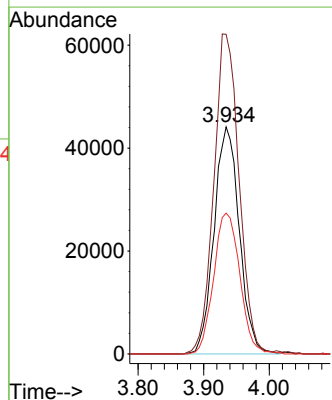
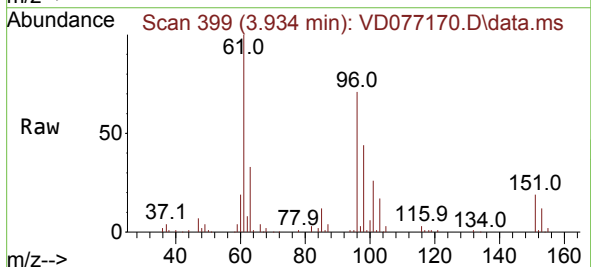
Tgt Ion: 96 Resp: 117869

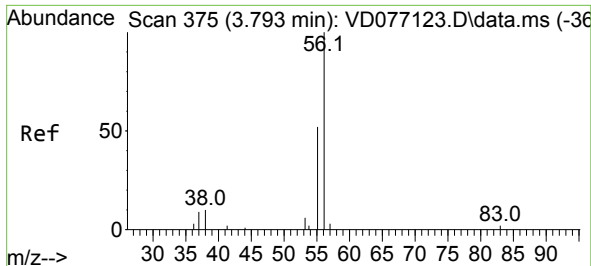
Ion Ratio Lower Upper

96 100

61 140.9 100.6 150.8

98 62.0 50.2 75.2





#13

Acrolein

Concen: 211.776 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

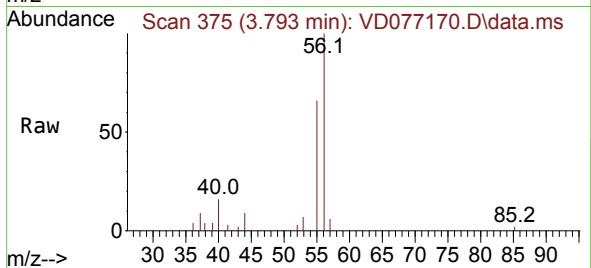
Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

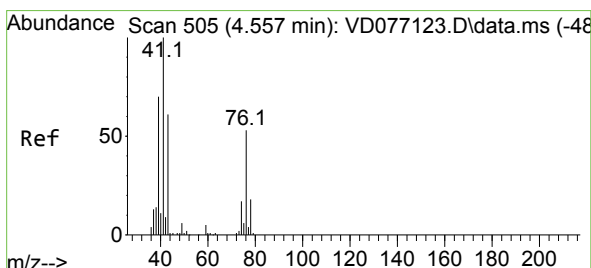
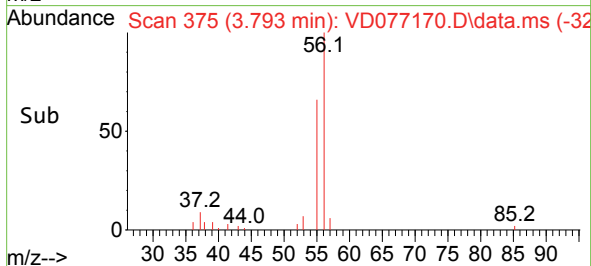
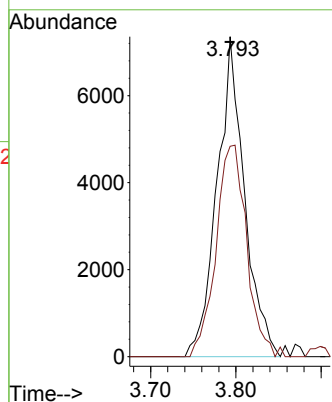


Tgt Ion: 56 Resp: 16436

Ion Ratio Lower Upper

56 100

55 74.0 55.1 82.7



#14

Allyl chloride

Concen: 52.465 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

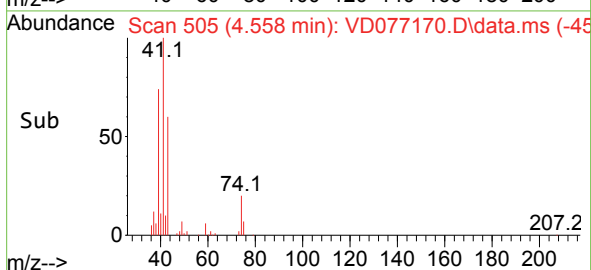
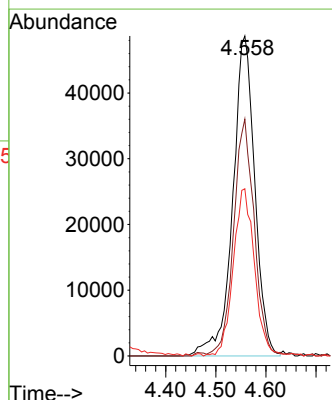
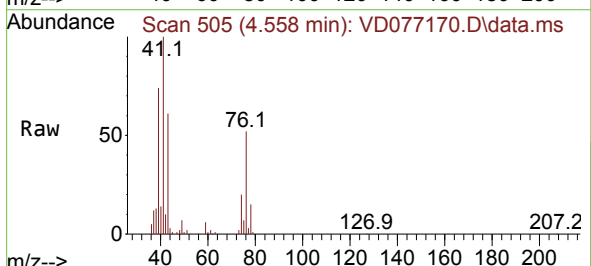
Tgt Ion: 41 Resp: 148825

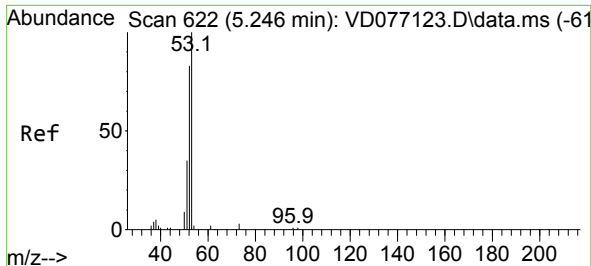
Ion Ratio Lower Upper

41 100

39 69.6 53.8 80.6

76 50.2 45.8 68.8

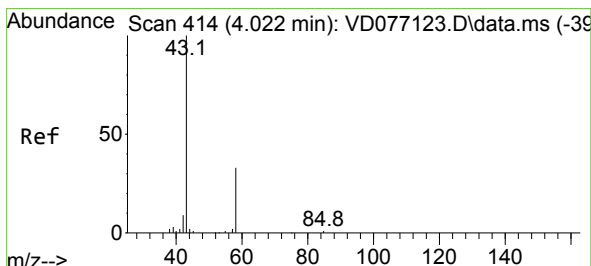
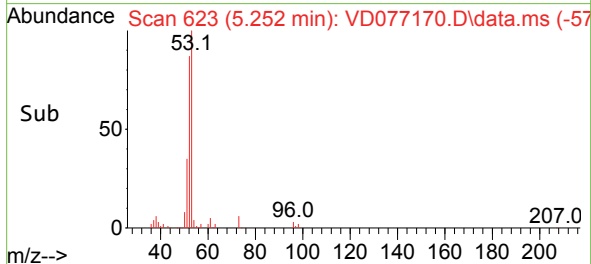
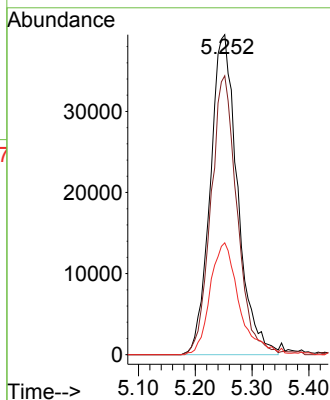
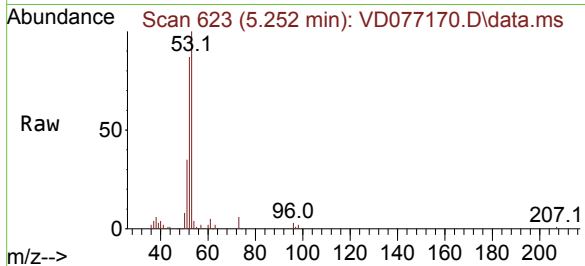




#15
Acrylonitrile
Concen: 263.231 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

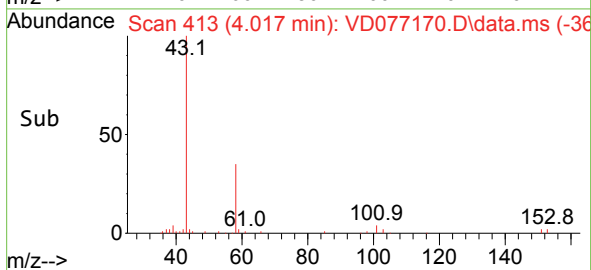
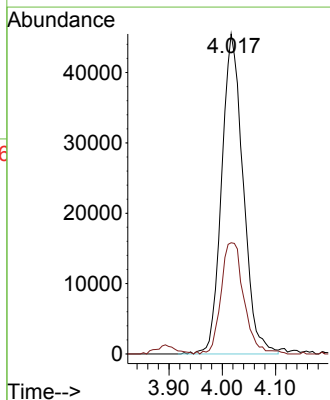
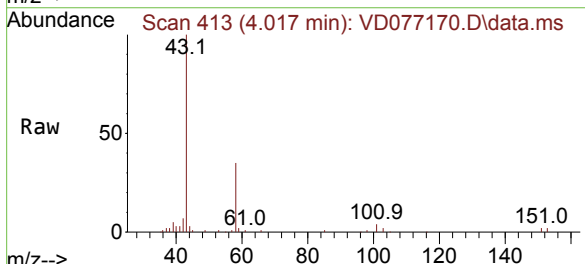
Instrument :
MSVOA_D
ClientSampleId :

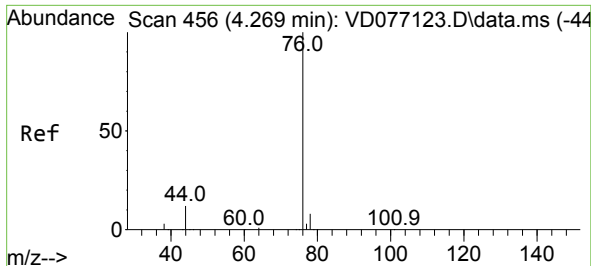
Tgt Ion: 53 Resp: 131510
Ion Ratio Lower Upper
53 100
52 83.6 65.0 97.4
51 37.4 28.3 42.5



#16
Acetone
Concen: 276.758 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion: 43 Resp: 127588
Ion Ratio Lower Upper
43 100
58 33.8 34.7 52.1#

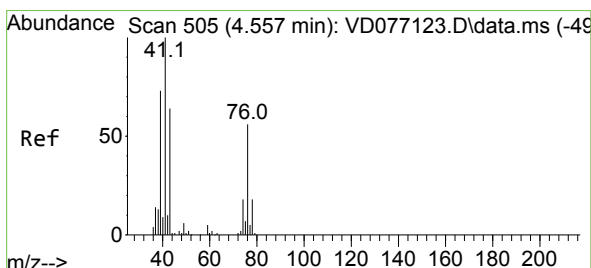
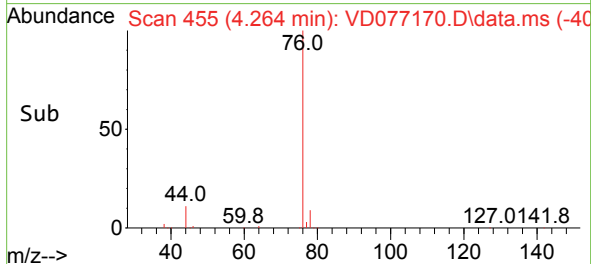
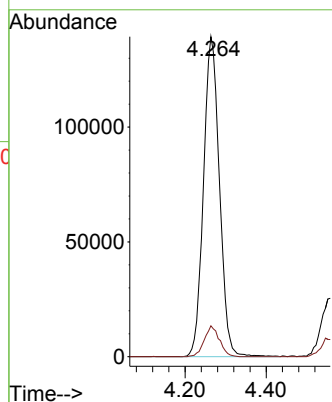
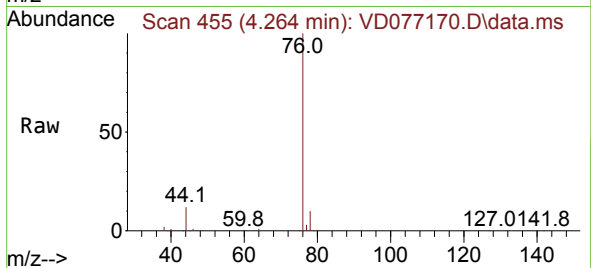




#17
Carbon Disulfide
Concen: 49.646 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

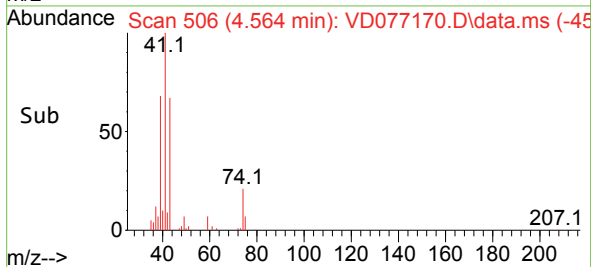
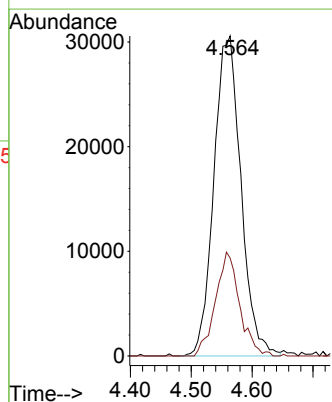
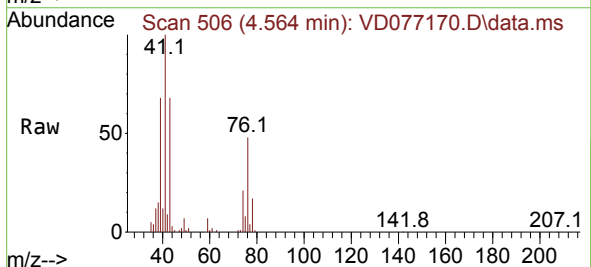
Instrument :
MSVOA_D
ClientSampleId :

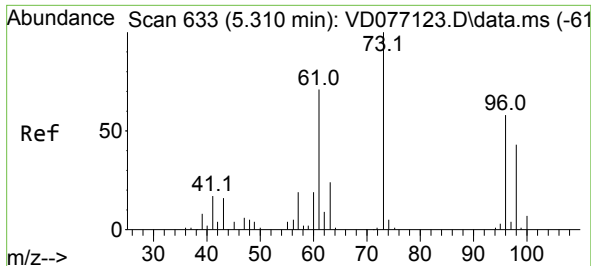
Tgt Ion: 76 Resp: 379992
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 54.102 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion: 43 Resp: 94314
Ion Ratio Lower Upper
43 100
74 28.9 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 54.559 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

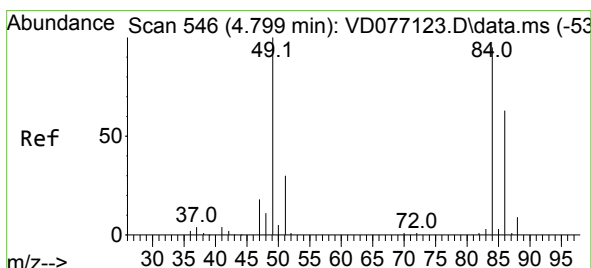
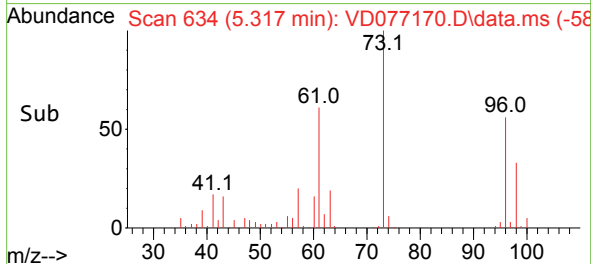
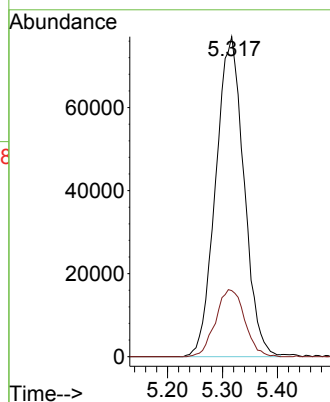
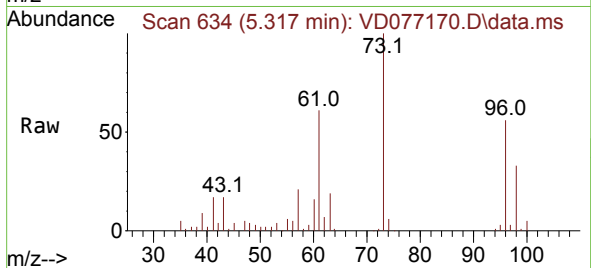
ClientSampleId :

Tgt Ion: 73 Resp: 274492

Ion Ratio Lower Upper

73 100

57 20.6 16.6 25.0



#20

Methylene Chloride

Concen: 59.929 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Tgt Ion: 84 Resp: 174904

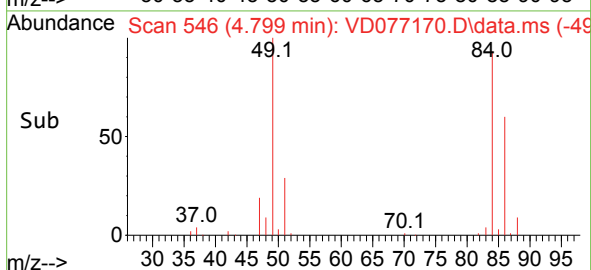
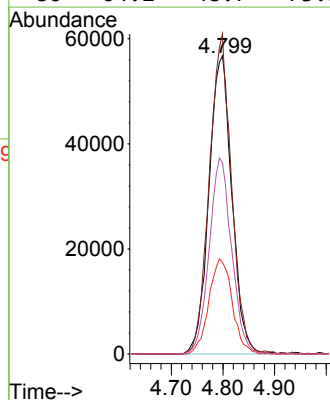
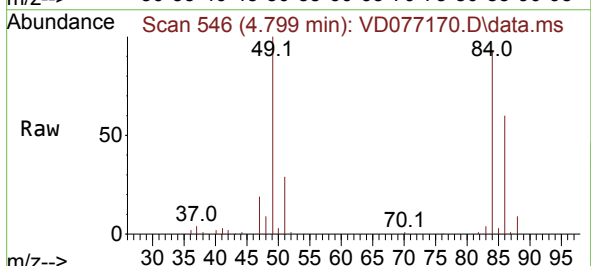
Ion Ratio Lower Upper

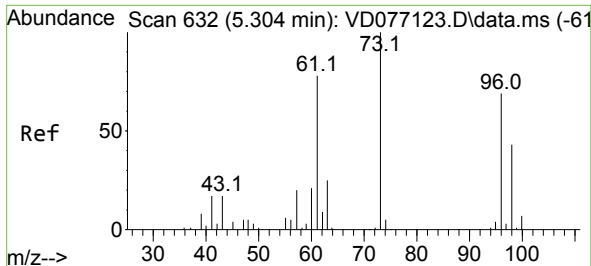
84 100

49 107.4 71.4 107.2#

51 30.7 24.5 36.7

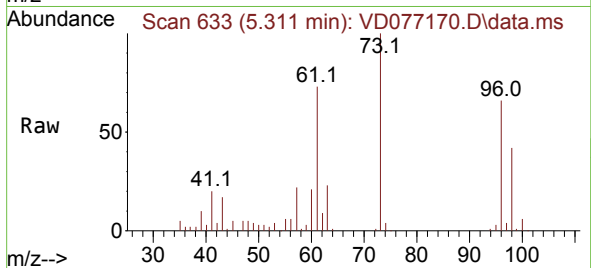
86 64.2 48.7 73.1



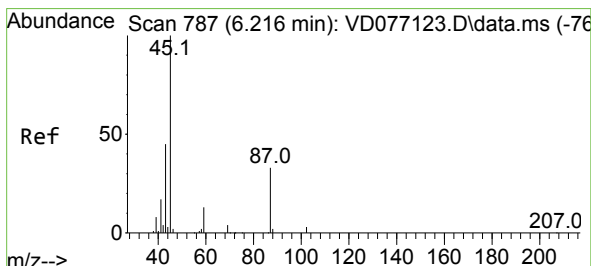
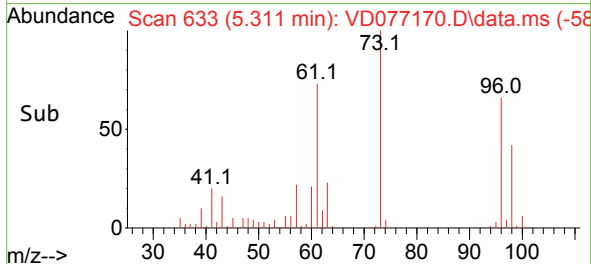
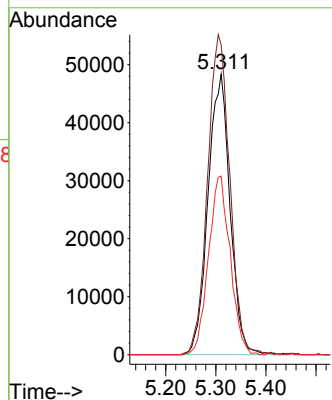


#21
trans-1,2-Dichloroethene
Concen: 52.489 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

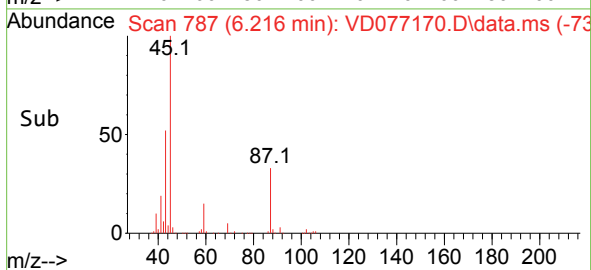
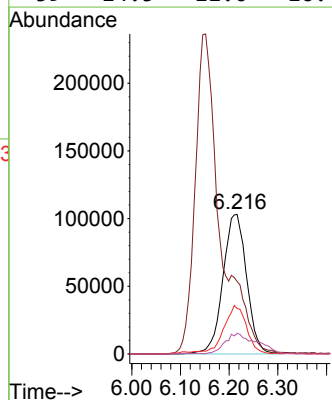
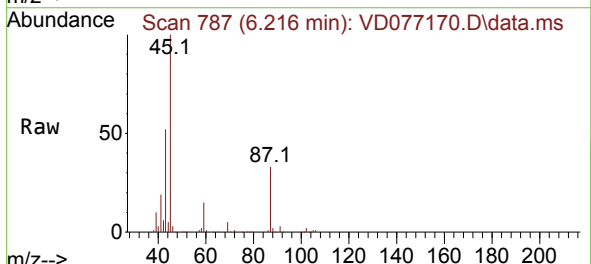


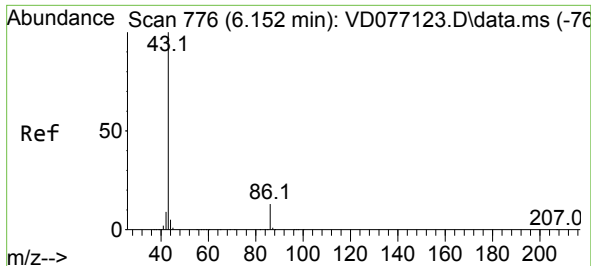
Tgt Ion: 96 Resp: 147522
Ion Ratio Lower Upper
96 100
61 110.5 89.3 133.9
98 63.7 48.6 73.0



#22
Diisopropyl ether
Concen: 54.332 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion: 45 Resp: 348462
Ion Ratio Lower Upper
45 100
43 50.7 40.0 60.0
87 32.4 28.2 42.4
59 14.5 11.0 16.4

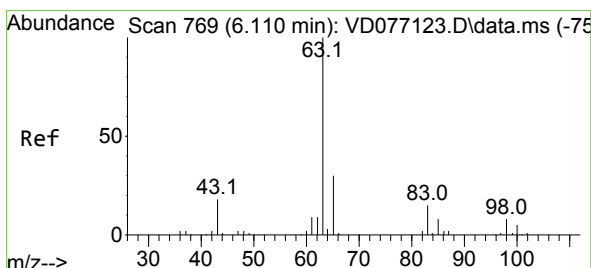
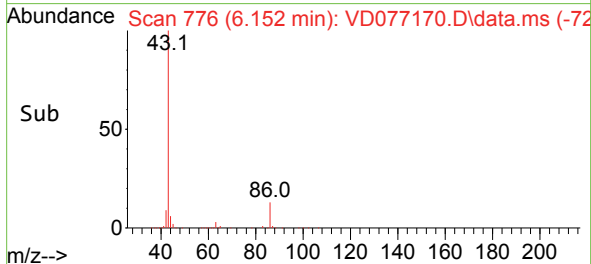
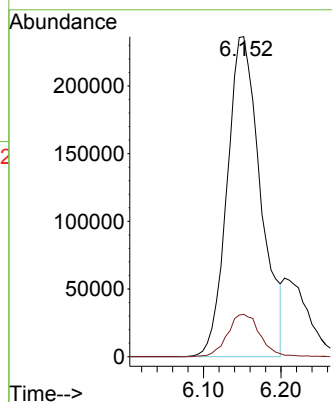
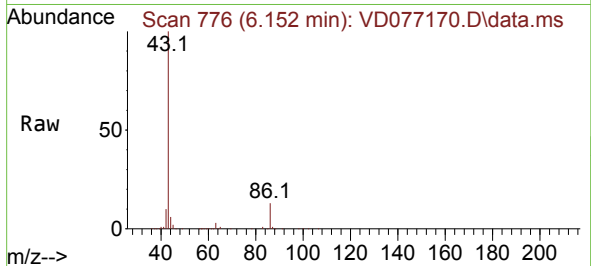




#23
 Vinyl Acetate
 Concen: 277.213 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077170.D
 Acq: 20 Sep 2023 17:37

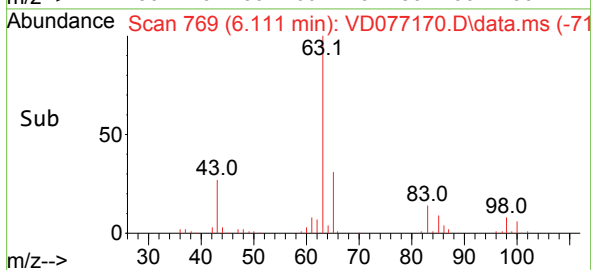
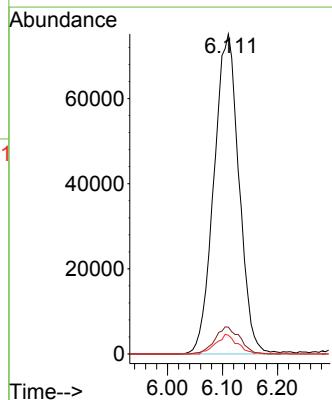
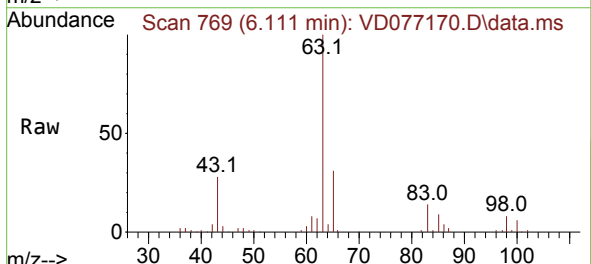
Instrument :
 MSVOA_D
 ClientSampleId :

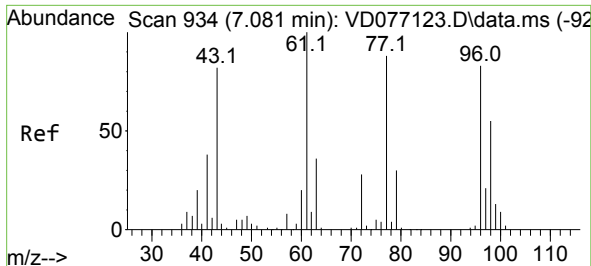
Tgt Ion: 43 Resp: 710782
 Ion Ratio Lower Upper
 43 100
 86 13.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 51.652 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077170.D
 Acq: 20 Sep 2023 17:37

Tgt Ion: 63 Resp: 237765
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 5.9 2.5 7.5

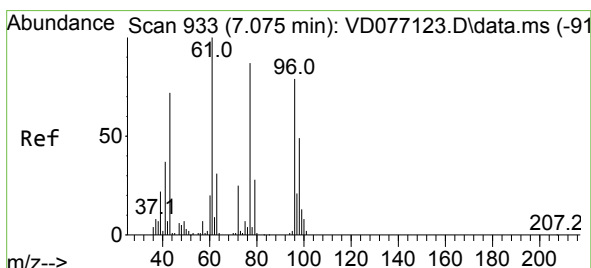
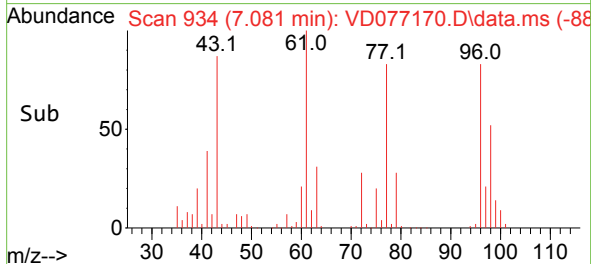
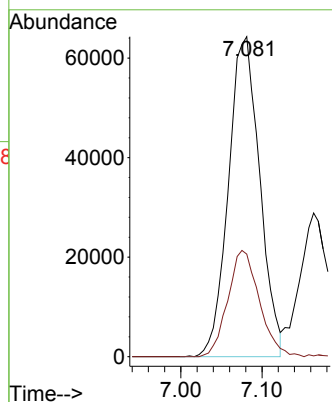
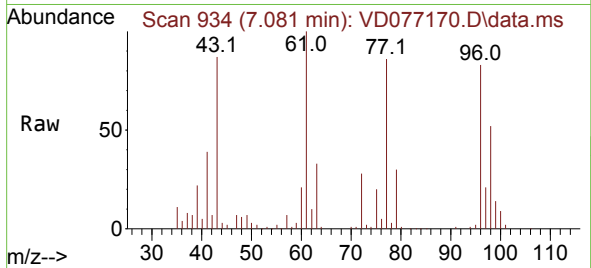




#25
2-Butanone
Concen: 284.324 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

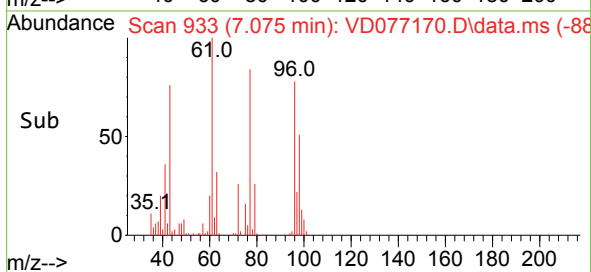
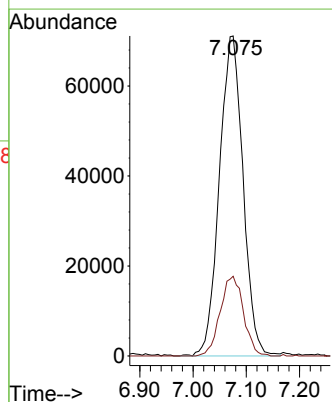
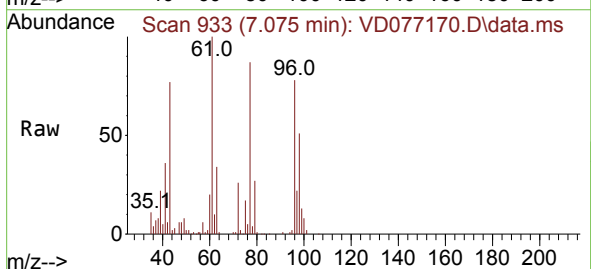
Instrument :
MSVOA_D
ClientSampleId :

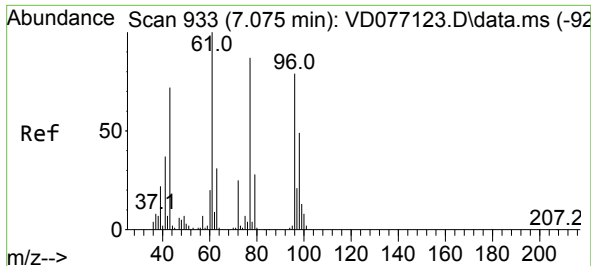
Tgt Ion: 43 Resp: 172444
Ion Ratio Lower Upper
43 100
72 32.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 56.191 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

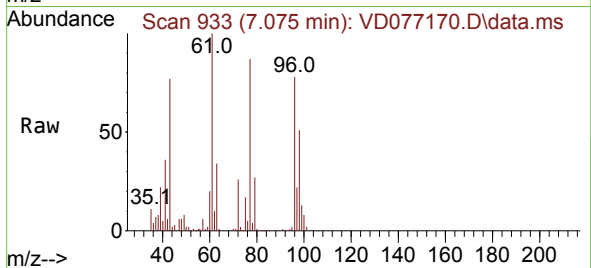
Tgt Ion: 77 Resp: 219557
Ion Ratio Lower Upper
77 100
97 24.4 13.2 39.6



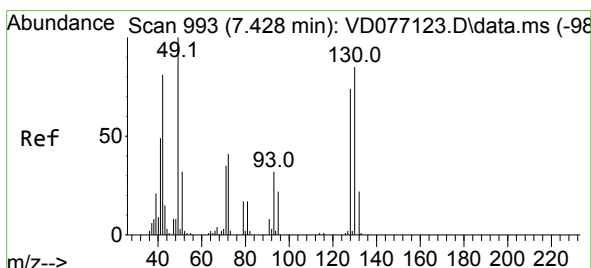
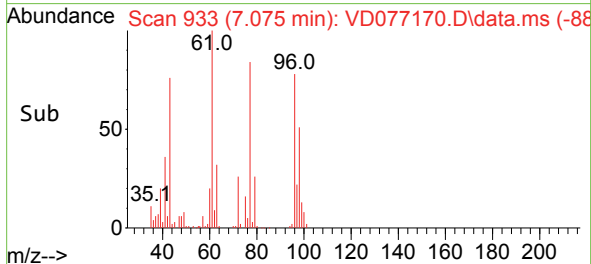
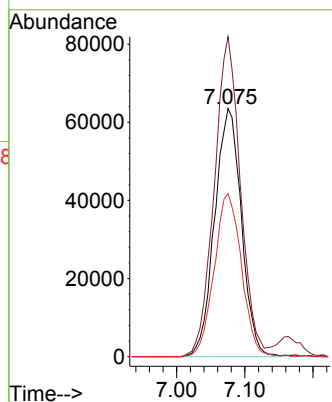


#27
 cis-1,2-Dichloroethene
 Concen: 54.923 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077170.D
 Acq: 20 Sep 2023 17:37

Instrument :
 MSVOA_D
 ClientSampleId :

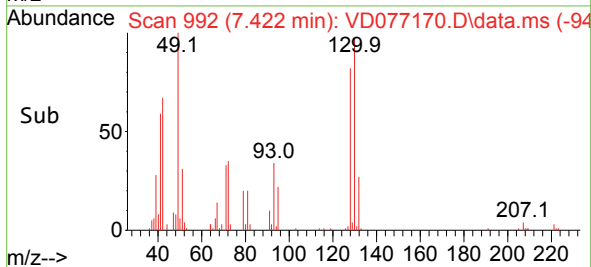
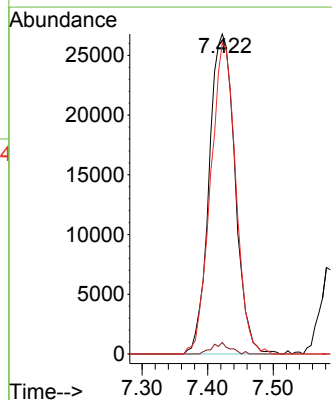
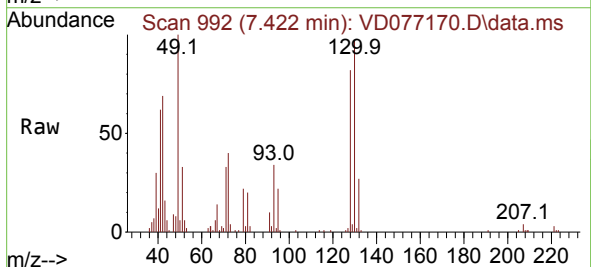


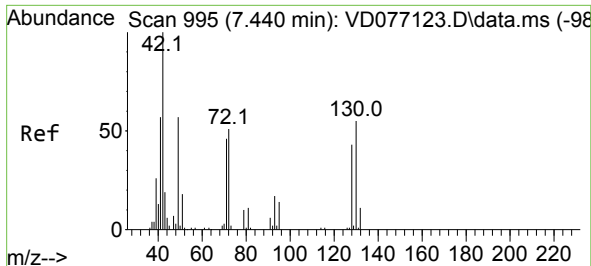
Tgt Ion: 96 Resp: 173532
 Ion Ratio Lower Upper
 96 100
 61 126.2 0.0 239.2
 98 66.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 51.912 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077170.D
 Acq: 20 Sep 2023 17:37

Tgt Ion: 49 Resp: 73378
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 6.0
 130 94.7 83.2 124.8





#29

Tetrahydrofuran

Concen: 278.128 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

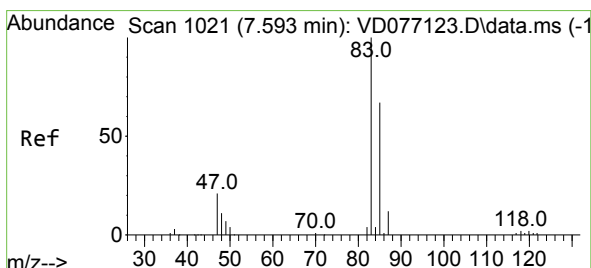
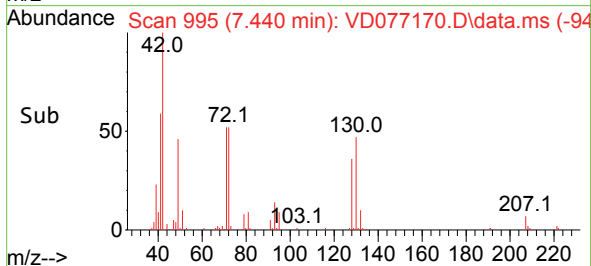
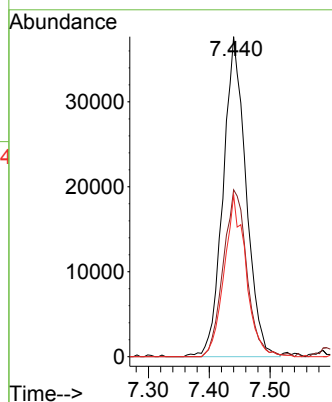
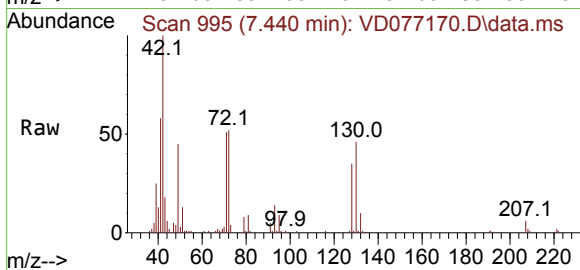
Tgt Ion: 42 Resp: 98612

Ion Ratio Lower Upper

42 100

72 53.5 46.5 69.7

71 48.1 44.5 66.7



#30

Chloroform

Concen: 56.033 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077170.D

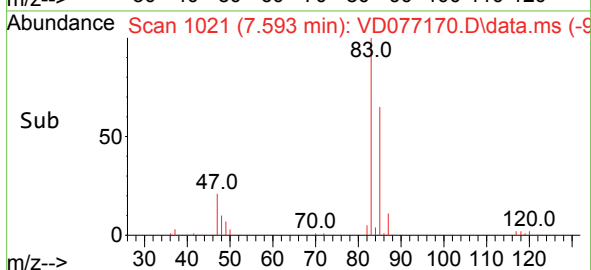
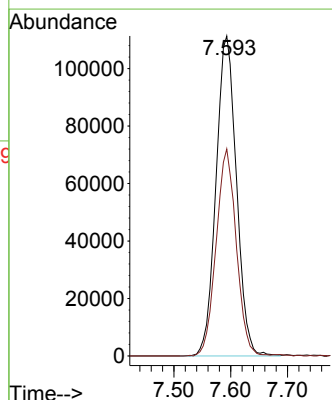
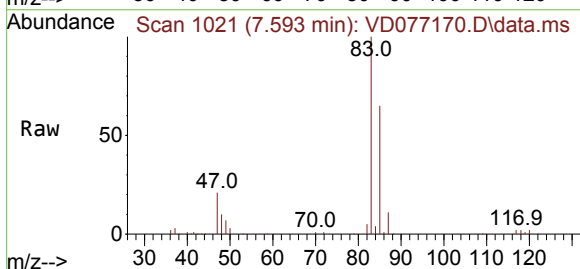
Acq: 20 Sep 2023 17:37

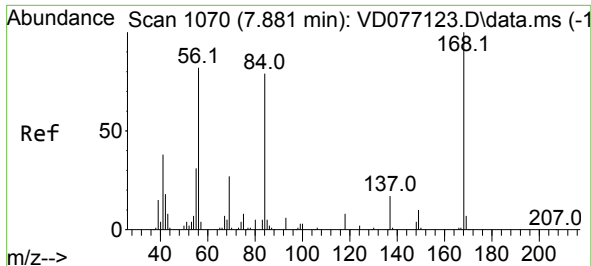
Tgt Ion: 83 Resp: 277979

Ion Ratio Lower Upper

83 100

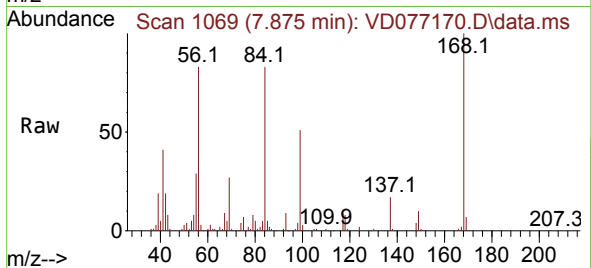
85 64.7 53.4 80.2



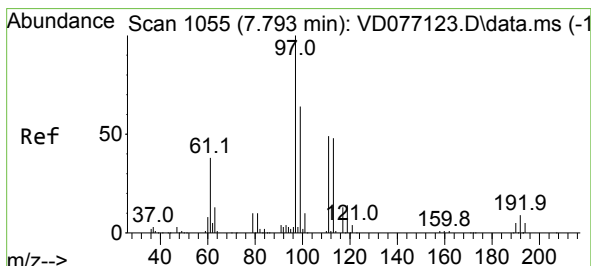
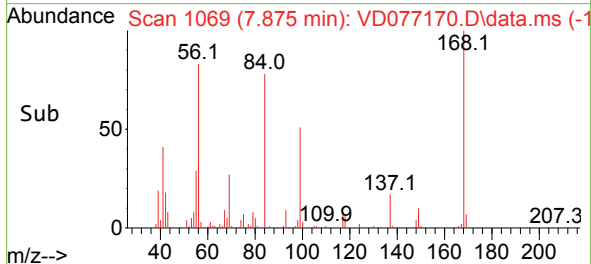
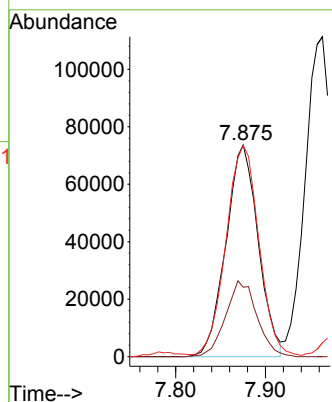


#31
Cyclohexane
Concen: 52.058 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

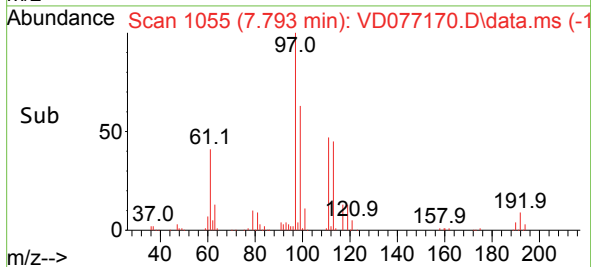
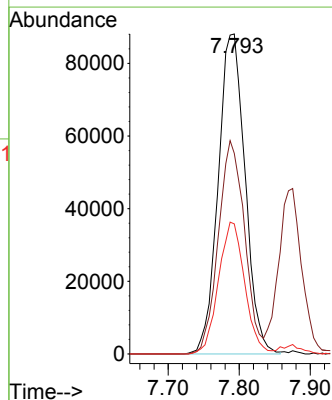
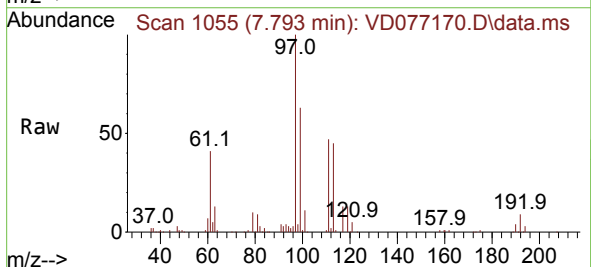


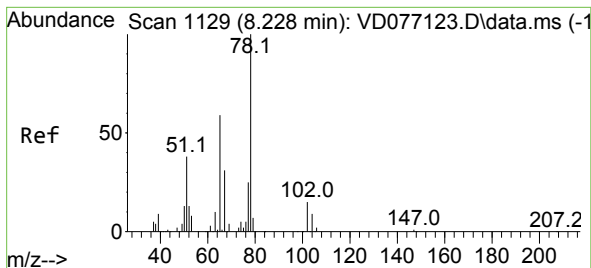
Tgt Ion: 56 Resp: 183704
Ion Ratio Lower Upper
56 100
69 32.8 28.6 43.0
84 98.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 55.942 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion: 97 Resp: 231656
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 40.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.501 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

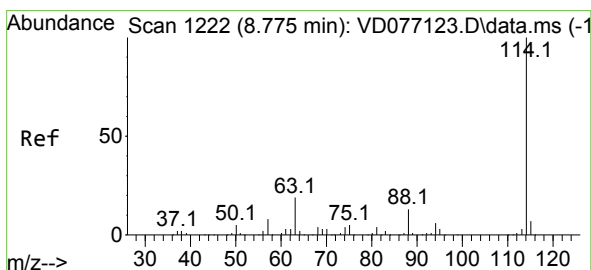
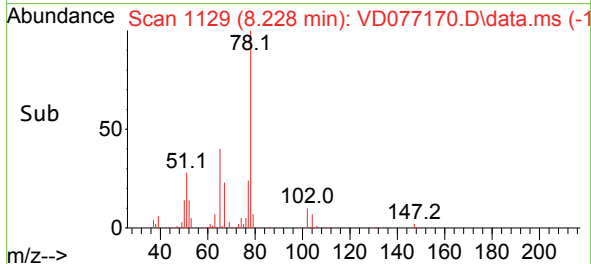
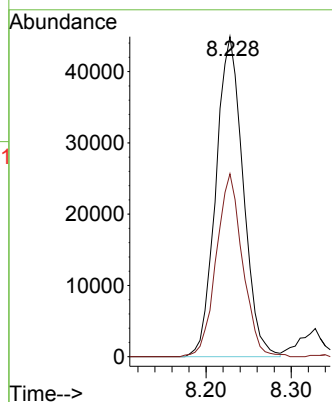
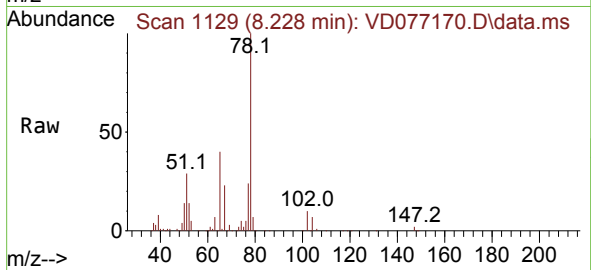
ClientSampleId :

Tgt Ion: 65 Resp: 99847

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

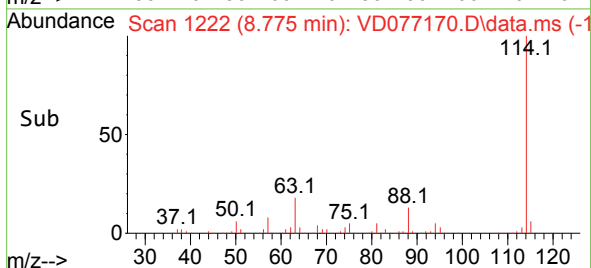
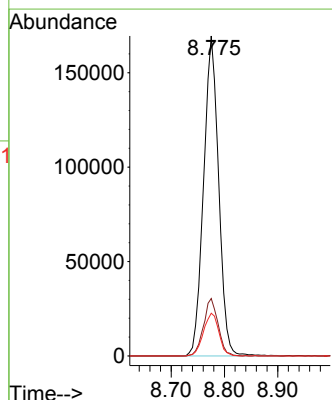
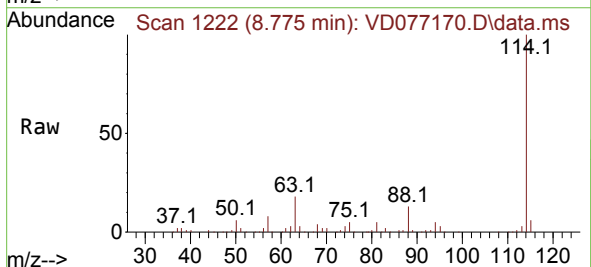
Tgt Ion: 114 Resp: 332669

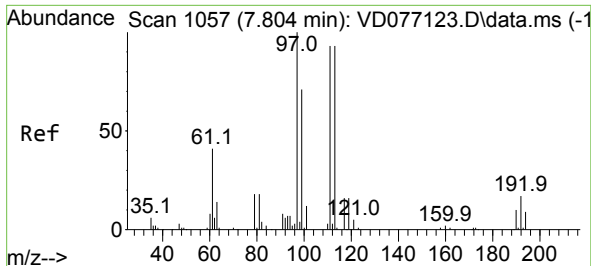
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 13.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.438 ug/l

RT: 7.805 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

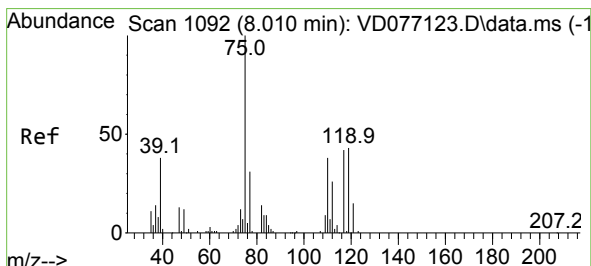
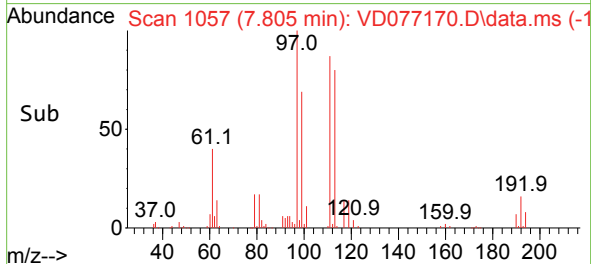
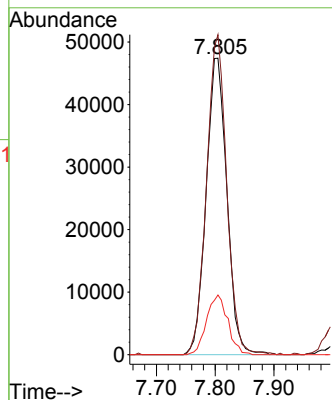
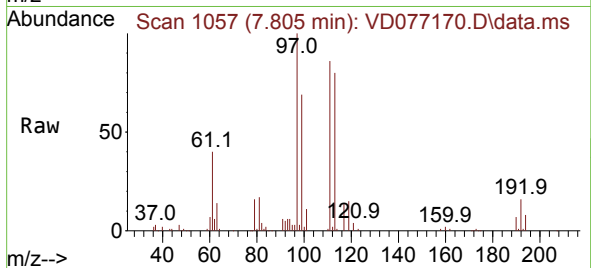
Tgt Ion:113 Resp: 116547

Ion Ratio Lower Upper

113 100

111 104.6 84.7 127.1

192 20.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 56.885 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

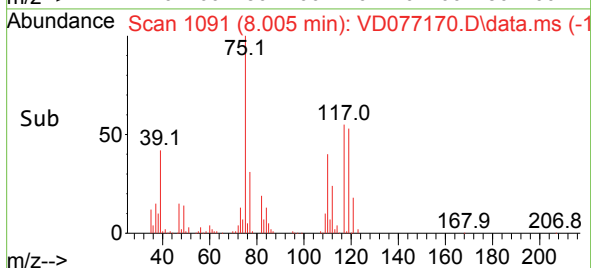
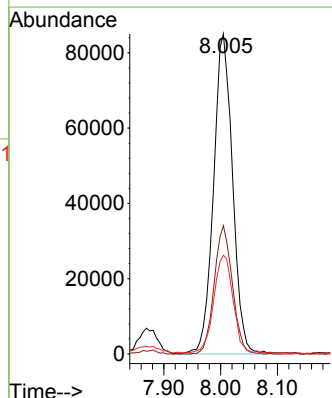
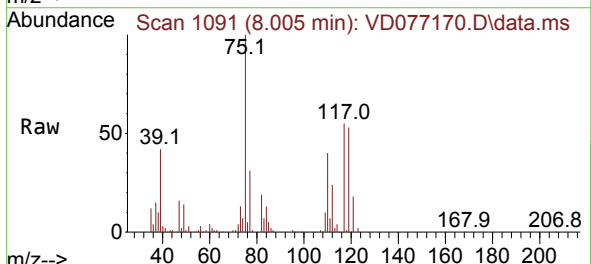
Tgt Ion: 75 Resp: 197954

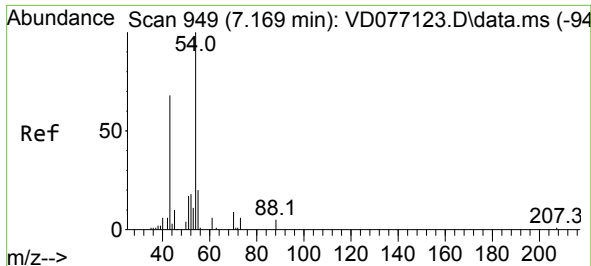
Ion Ratio Lower Upper

75 100

110 38.2 19.9 59.6

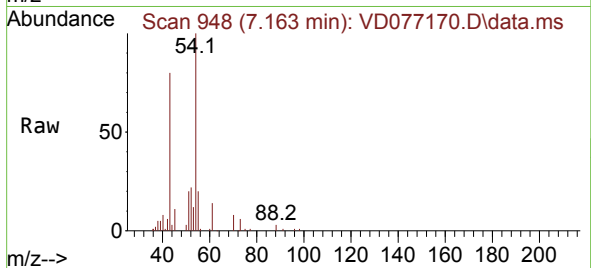
77 30.5 24.7 37.1



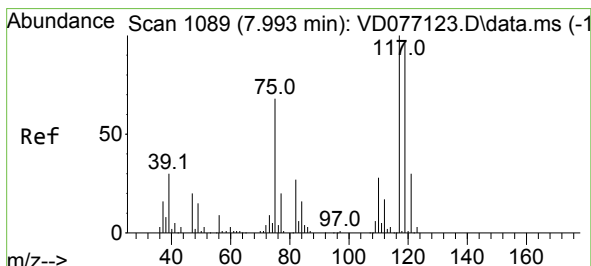
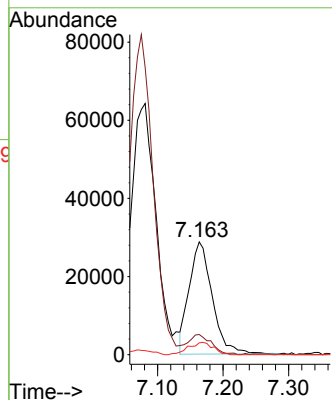
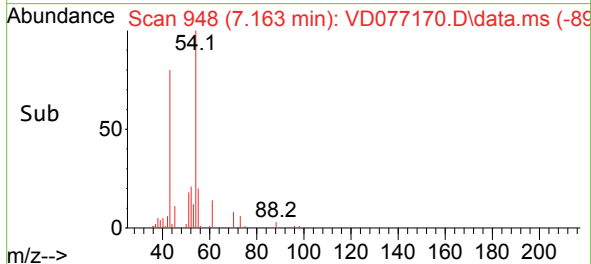


#37
Ethyl Acetate
Concen: 52.485 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

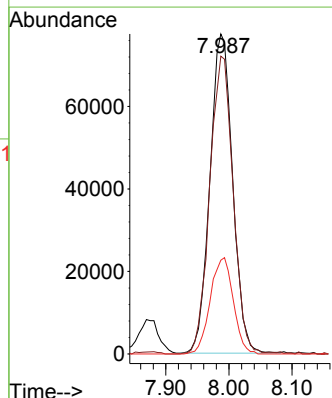
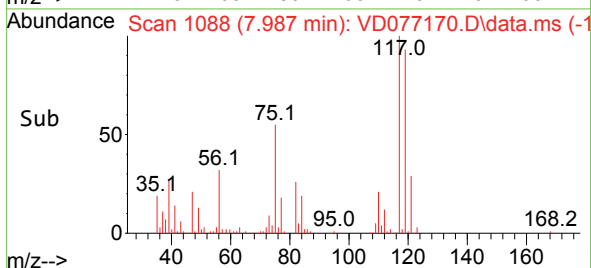
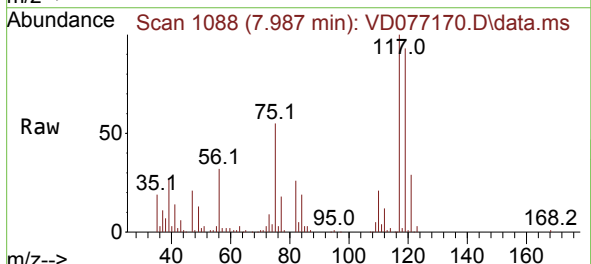


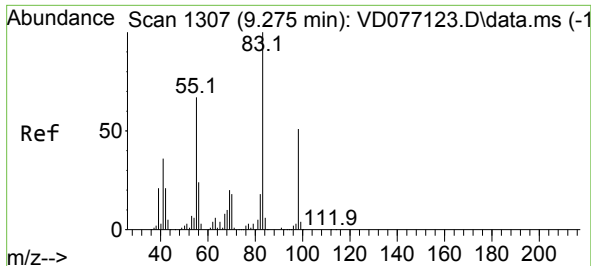
Tgt Ion: 43 Resp: 70074
Ion Ratio Lower Upper
43 100
61 18.4 14.9 22.3
70 11.8 10.0 15.0



#38
Carbon Tetrachloride
Concen: 56.508 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion: 117 Resp: 193274
Ion Ratio Lower Upper
117 100
119 93.3 78.0 117.0
121 29.4 24.2 36.2





#39

Methylcyclohexane

Concen: 59.994 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

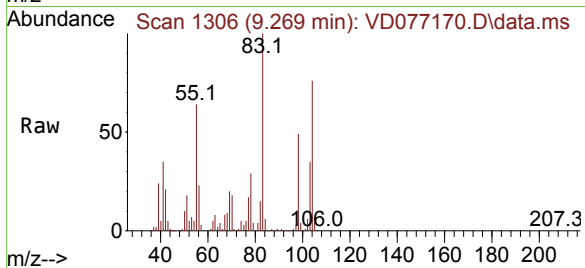
Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :



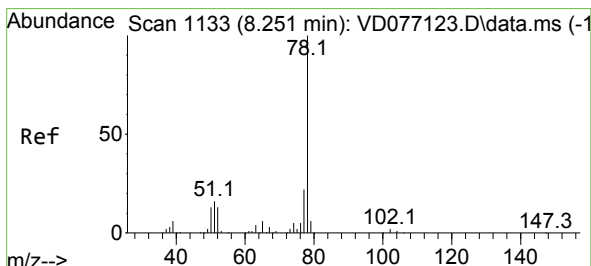
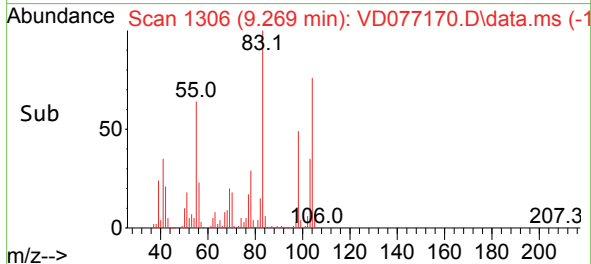
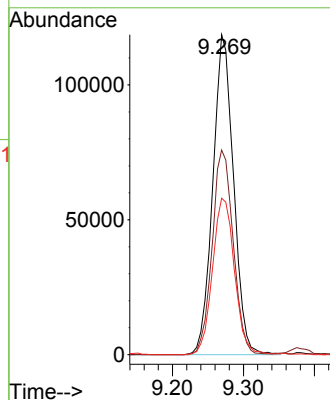
Tgt Ion: 83 Resp: 240214

Ion Ratio Lower Upper

83 100

55 64.0 49.4 74.0

98 48.9 38.4 57.6



#40

Benzene

Concen: 55.207 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD077170.D

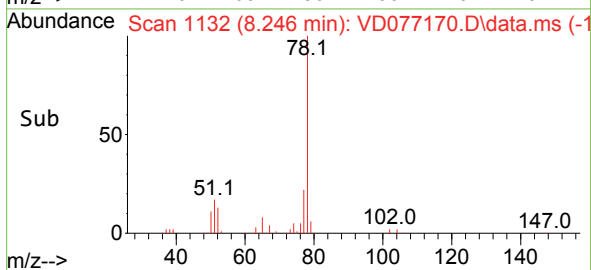
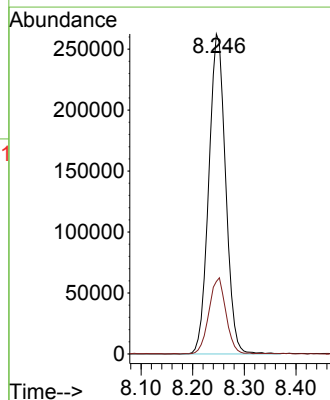
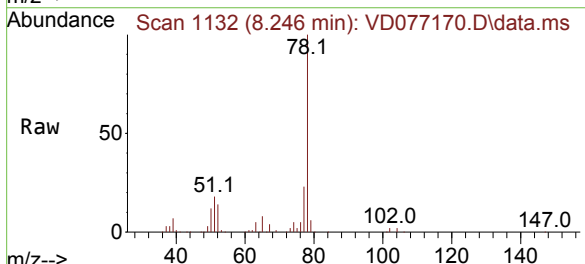
Acq: 20 Sep 2023 17:37

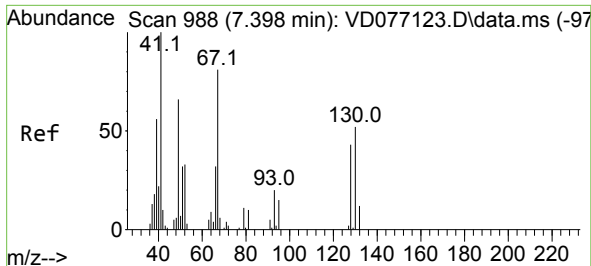
Tgt Ion: 78 Resp: 594384

Ion Ratio Lower Upper

78 100

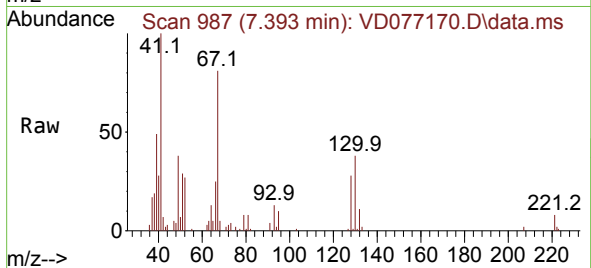
77 22.7 19.4 29.0



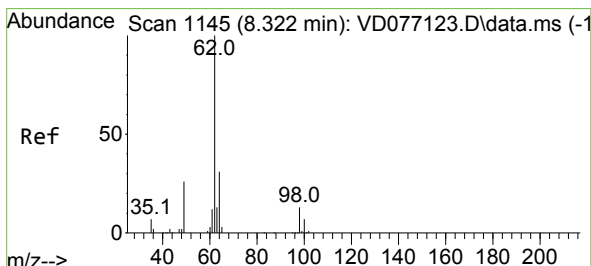
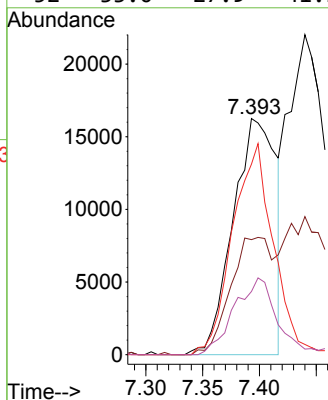
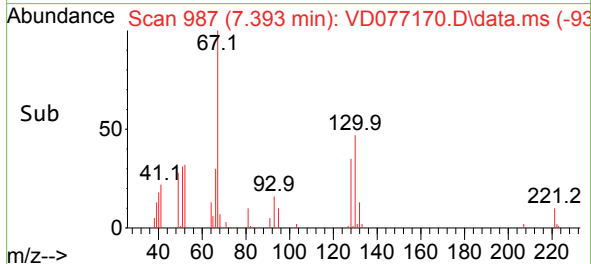


#41
Methacrylonitrile
Concen: 59.670 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

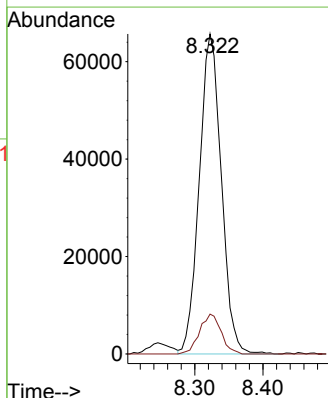
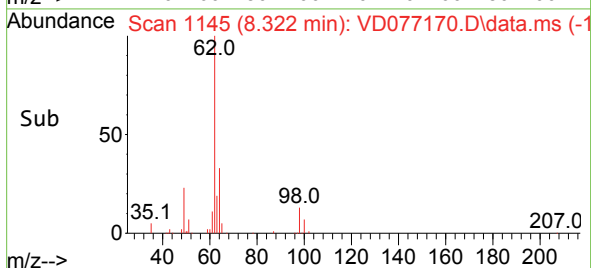
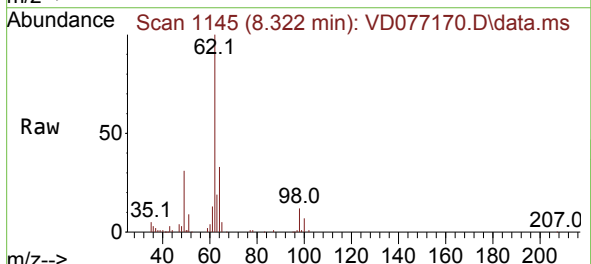


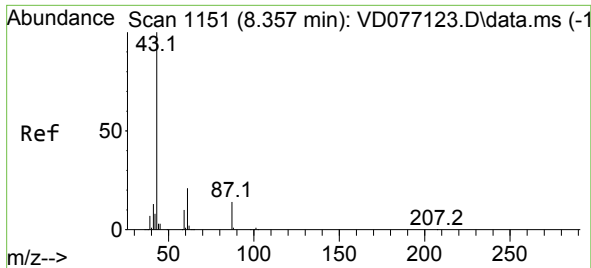
Tgt Ion:	41	Resp:	42522
Ion Ratio	Lower	Upper	
41	100		
39	46.5	34.0	51.0
67	85.6	77.0	115.4
52	33.0	27.9	41.9



#42
1,2-Dichloroethane
Concen: 55.310 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

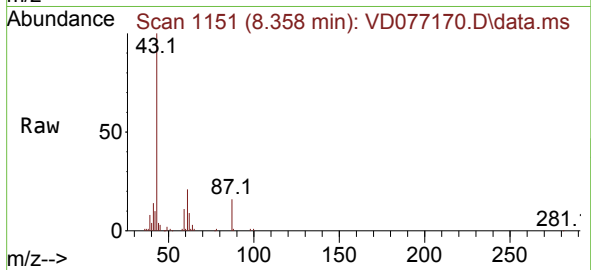
Tgt Ion:	62	Resp:	147642
Ion Ratio	Lower	Upper	
62	100		
98	12.2	0.0	25.4



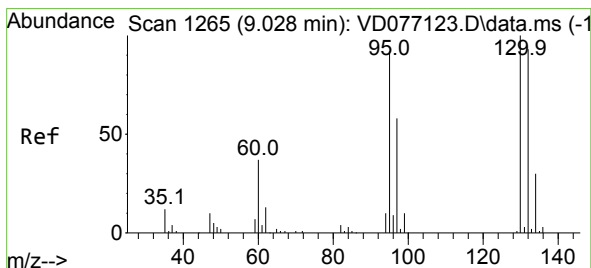
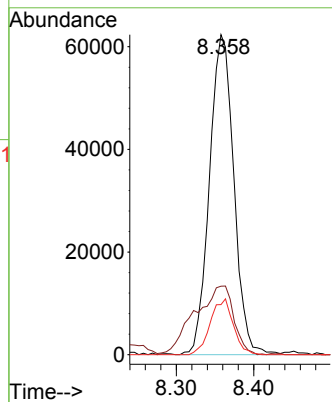
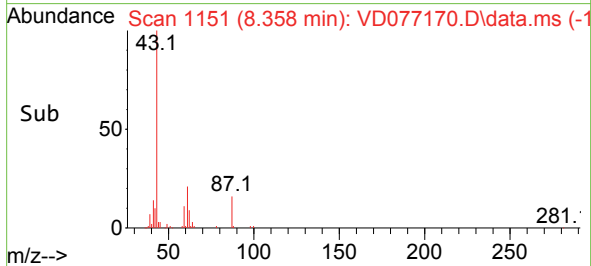


#43
Isopropyl Acetate
Concen: 55.480 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

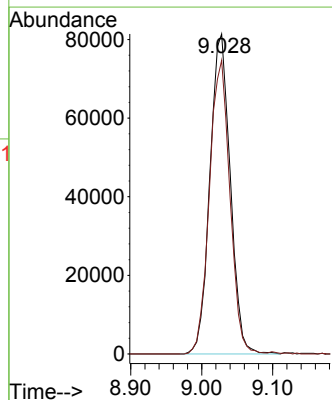
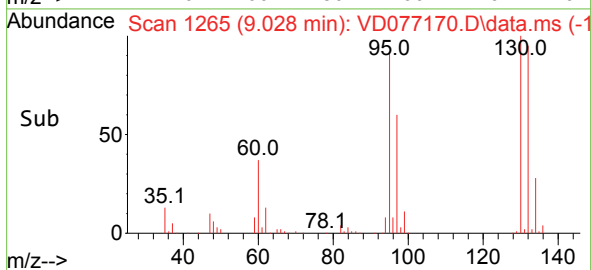
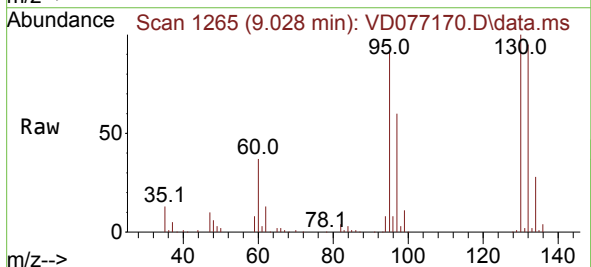


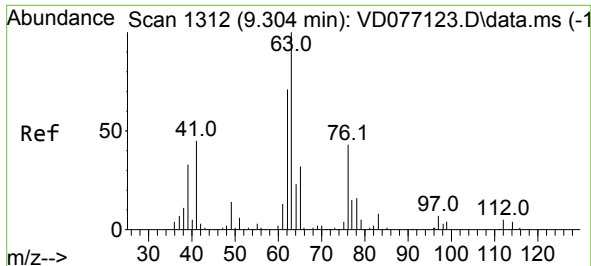
Tgt Ion: 43 Resp: 136382
Ion Ratio Lower Upper
43 100
61 34.2 31.4 47.0
87 16.5 14.9 22.3



#44
Trichloroethene
Concen: 54.388 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion:130 Resp: 162069
Ion Ratio Lower Upper
130 100
95 91.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 65.541 ug/l

RT: 9.299 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

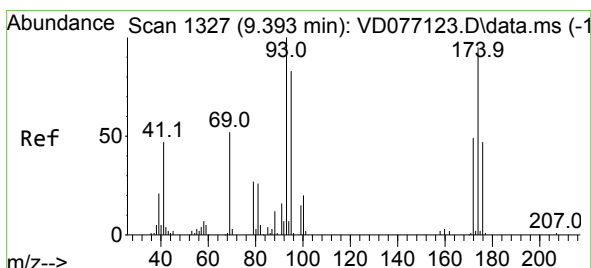
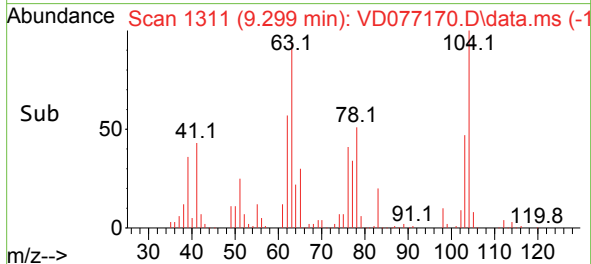
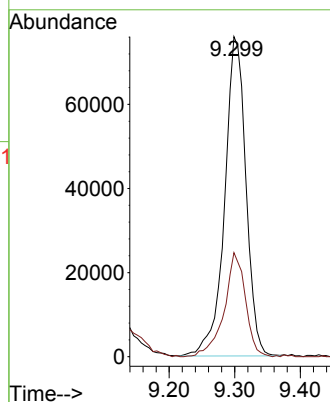
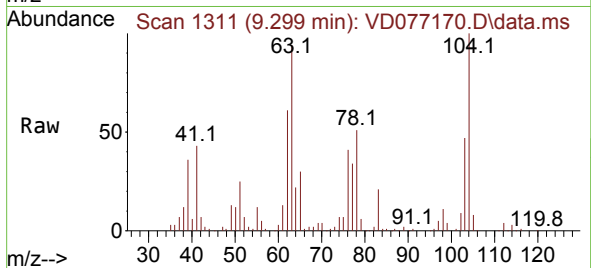
ClientSampleId :

Tgt Ion: 63 Resp: 171394

Ion Ratio Lower Upper

63 100

65 32.6 24.5 36.7



#46

Dibromomethane

Concen: 57.105 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

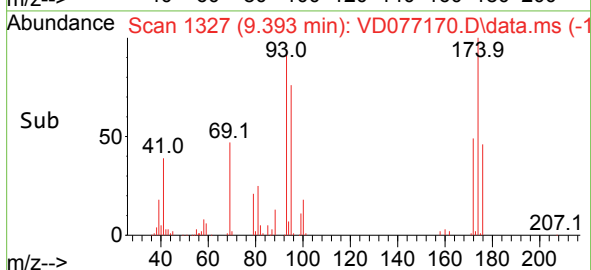
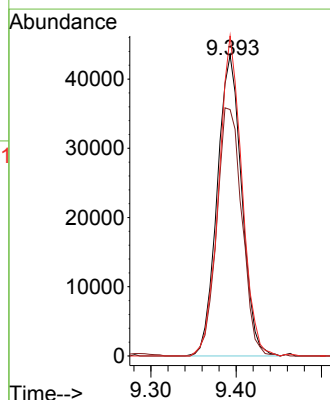
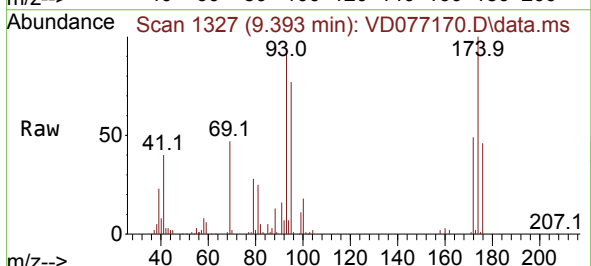
Tgt Ion: 93 Resp: 86777

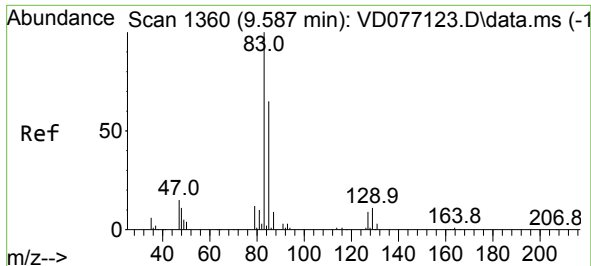
Ion Ratio Lower Upper

93 100

95 84.8 67.7 101.5

174 100.8 85.4 128.2





#47

Bromodichloromethane

Concen: 57.626 ug/l

RT: 9.581 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

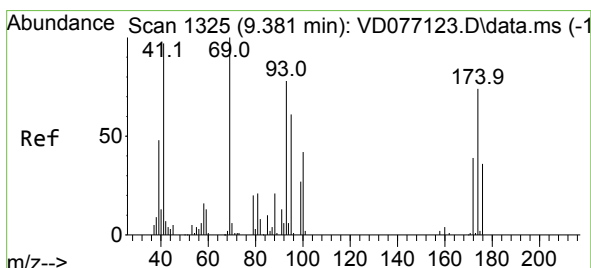
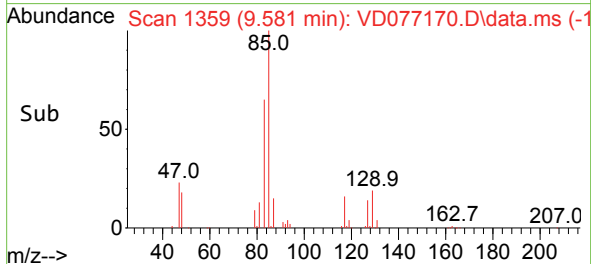
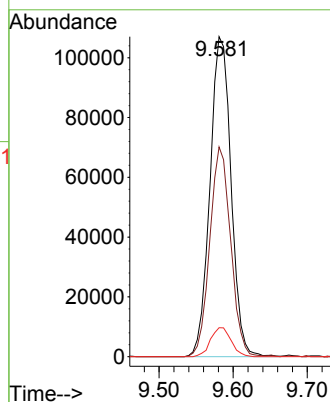
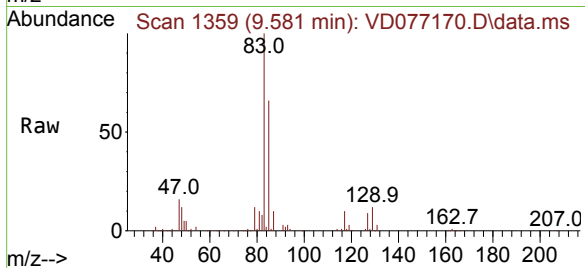
Tgt Ion: 83 Resp: 211614

Ion Ratio Lower Upper

83 100

85 65.5 50.2 75.4

127 9.1 6.3 9.5



#48

Methyl methacrylate

Concen: 60.076 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

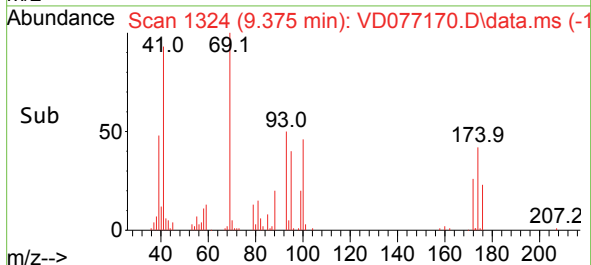
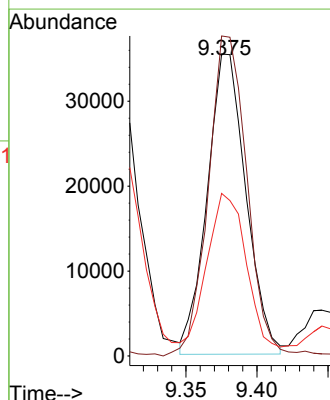
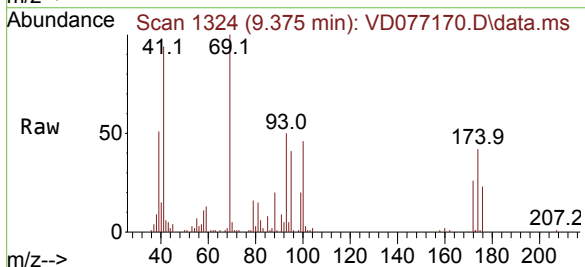
Tgt Ion: 41 Resp: 67105

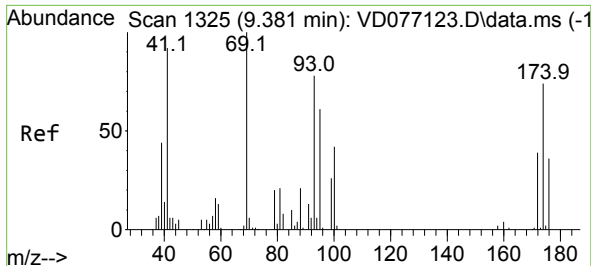
Ion Ratio Lower Upper

41 100

69 106.7 102.2 153.2

39 50.5 41.4 62.2





#49

1,4-Dioxane

Concen: 1342.885 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

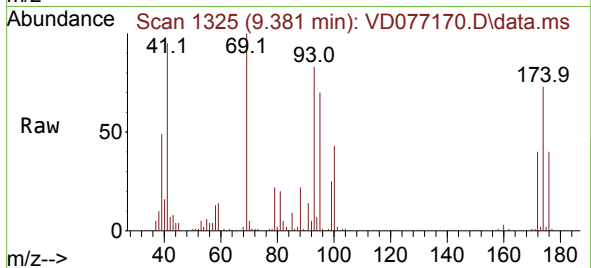
Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :



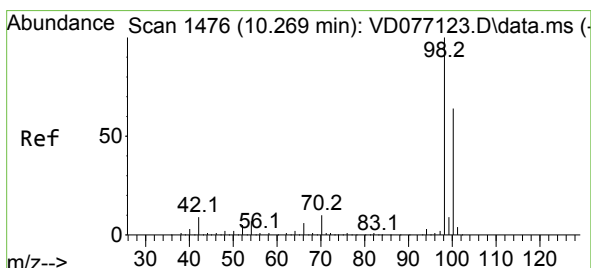
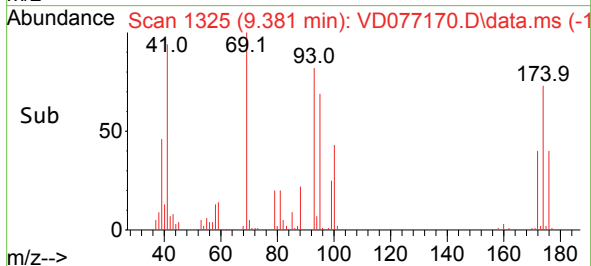
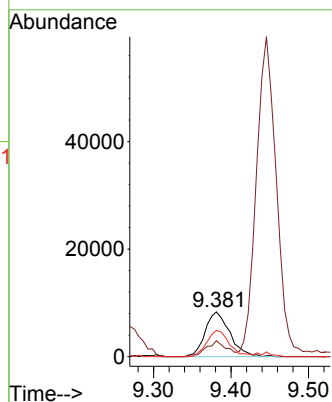
Tgt Ion: 88 Resp: 18420

Ion Ratio Lower Upper

88 100

43 29.2 19.0 28.6#

58 53.5 43.5 65.3



#50

Toluene-d8

Concen: 51.664 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077170.D

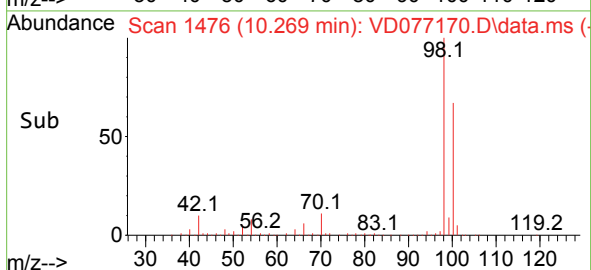
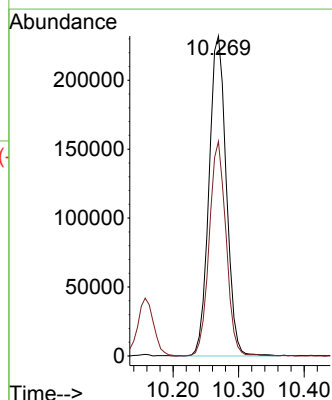
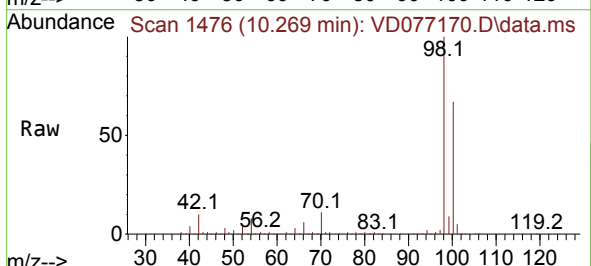
Acq: 20 Sep 2023 17:37

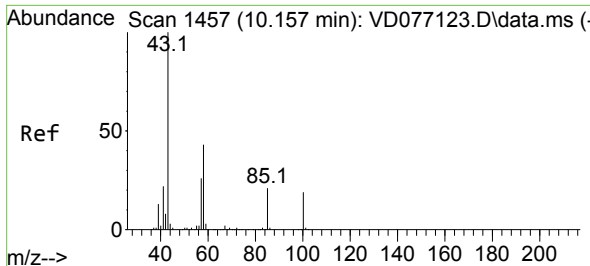
Tgt Ion: 98 Resp: 424925

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

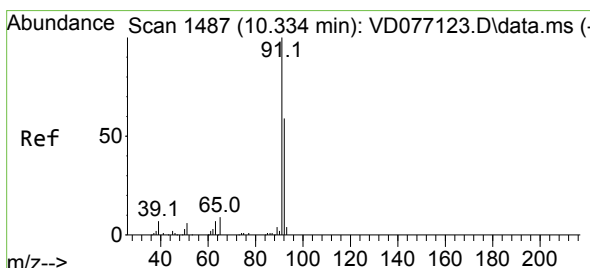
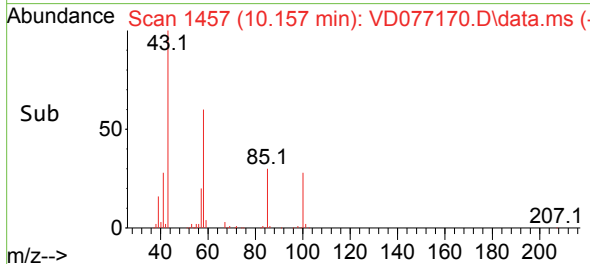
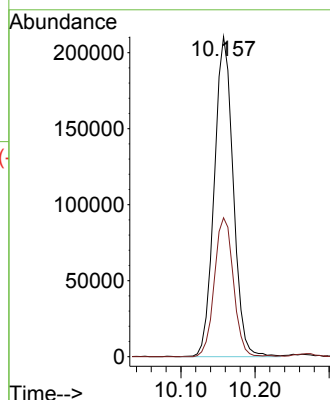
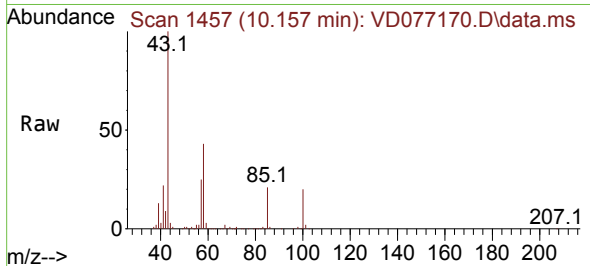




#51
4-Methyl-2-Pentanone
Concen: 291.246 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

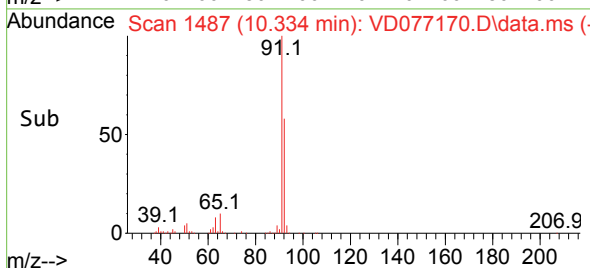
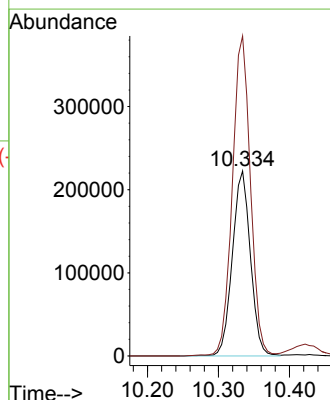
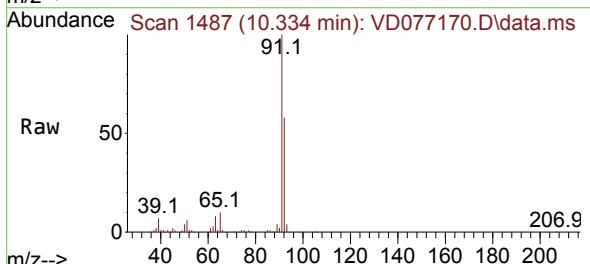
Instrument :
MSVOA_D
ClientSampleId :

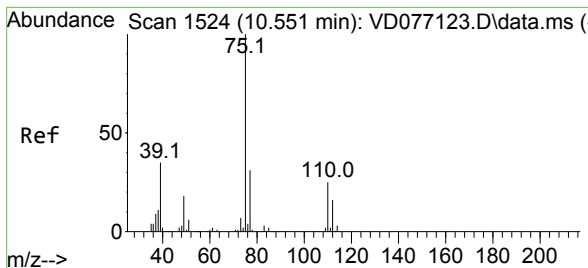
Tgt Ion: 43 Resp: 374431
Ion Ratio Lower Upper
43 100
58 43.7 38.9 58.3



#52
Toluene
Concen: 57.131 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion: 92 Resp: 393502
Ion Ratio Lower Upper
92 100
91 173.5 143.0 214.4

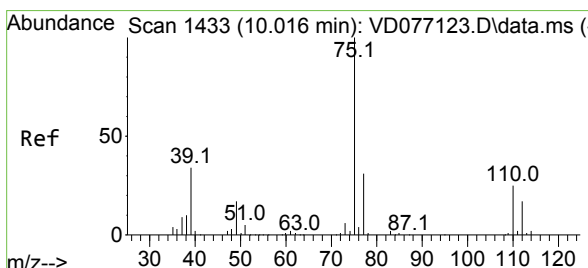
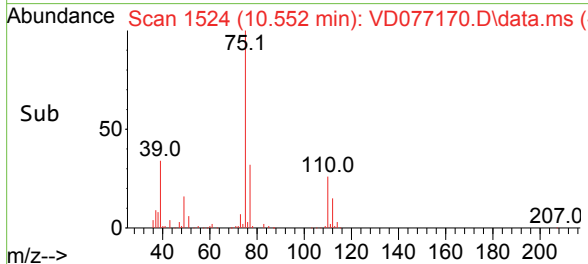
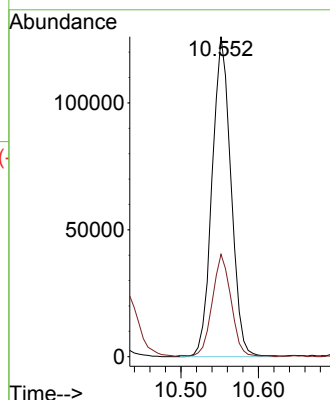
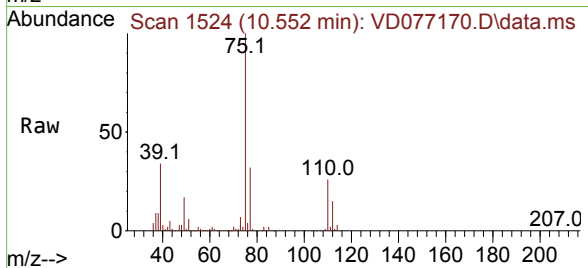




#53
 t-1,3-Dichloropropene
 Concen: 62.143 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077170.D
 Acq: 20 Sep 2023 17:37

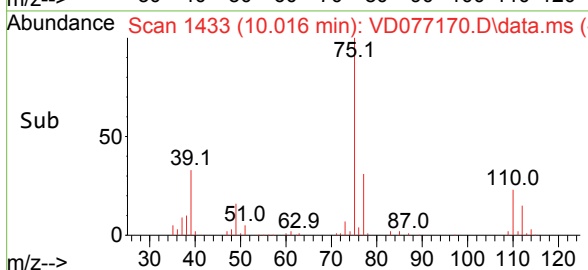
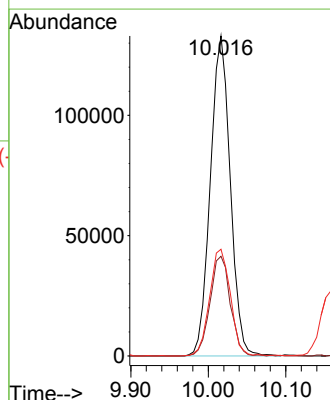
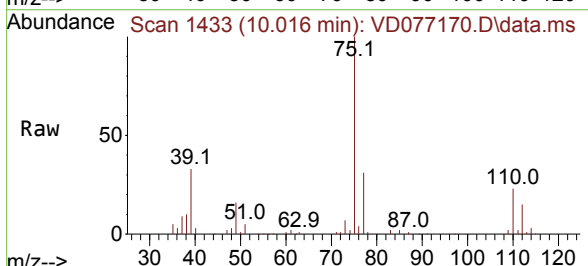
Instrument :
 MSVOA_D
 ClientSampleId :

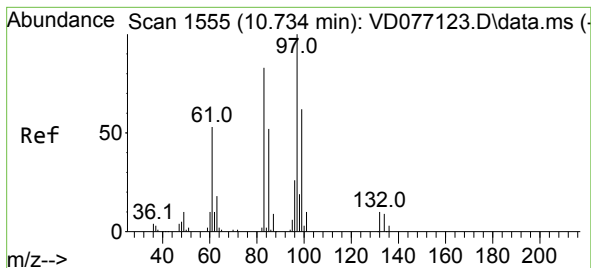
Tgt Ion: 75 Resp: 213197
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 57.850 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077170.D
 Acq: 20 Sep 2023 17:37

Tgt Ion: 75 Resp: 237783
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 33.3 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 59.786 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 123568

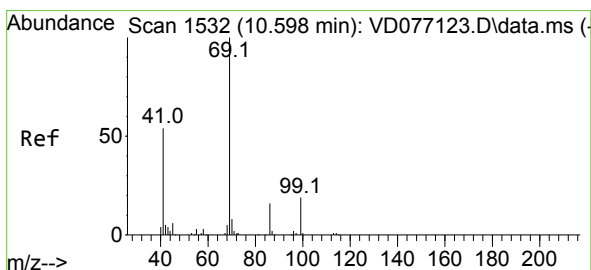
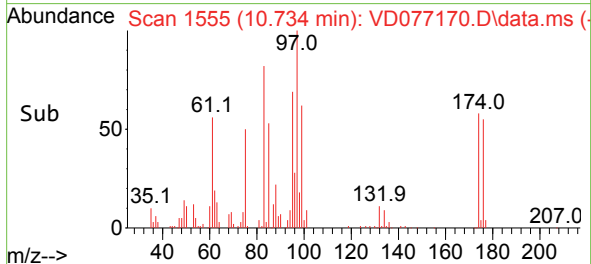
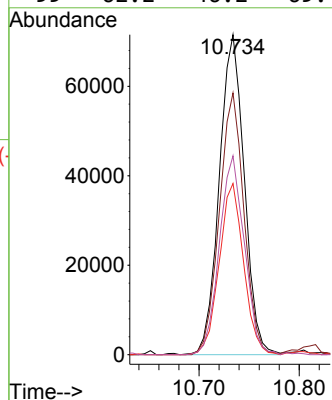
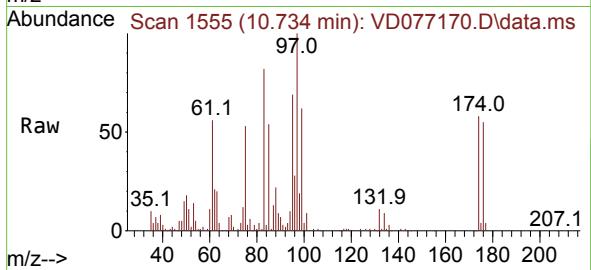
Ion Ratio Lower Upper

97 100

83 81.8 65.8 98.6

85 53.5 45.7 68.5

99 62.2 46.2 69.4



#56

Ethyl methacrylate

Concen: 62.209 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

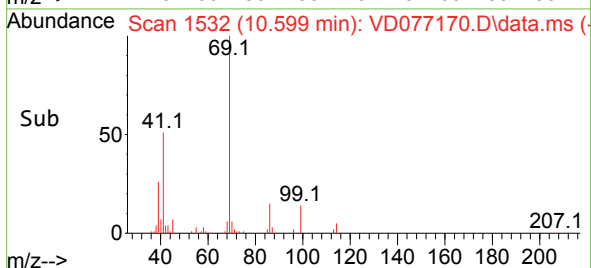
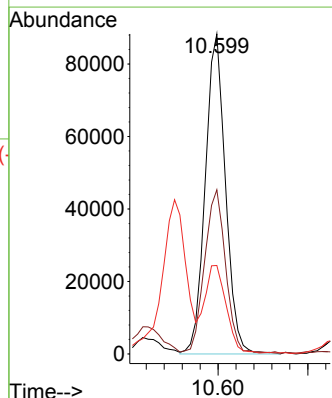
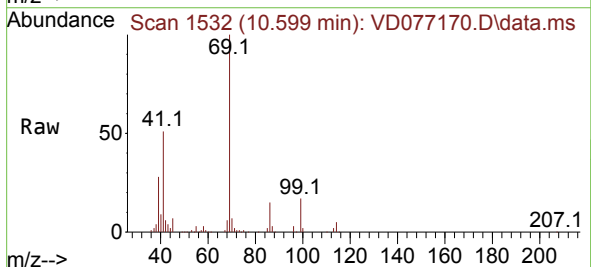
Tgt Ion: 69 Resp: 138135

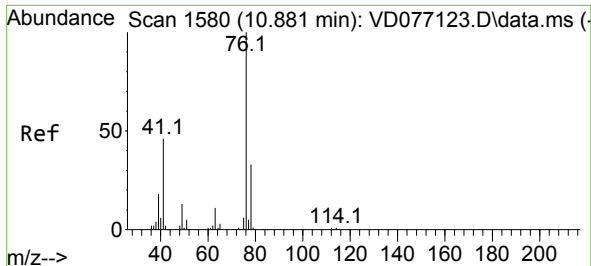
Ion Ratio Lower Upper

69 100

41 52.7 39.1 58.7

39 28.9 20.0 30.0





#57

1,3-Dichloropropane

Concen: 63.578 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

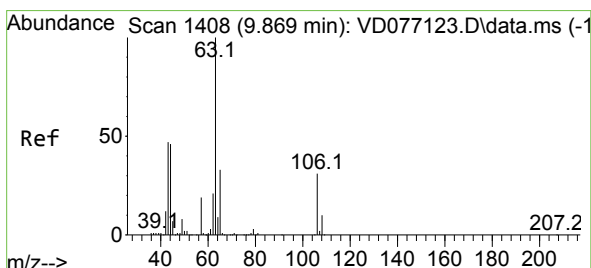
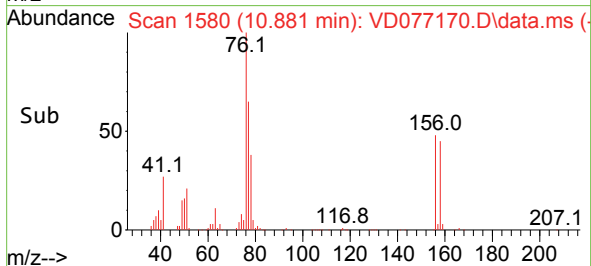
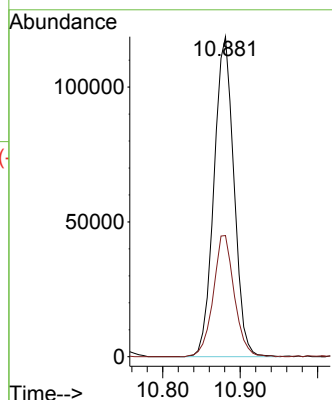
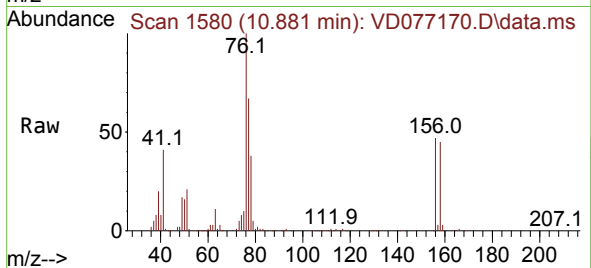
ClientSampleId :

Tgt Ion: 76 Resp: 212725

Ion Ratio Lower Upper

76 100

78 40.1 26.4 39.6#



#58

2-Chloroethyl Vinyl ether

Concen: 265.242 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077170.D

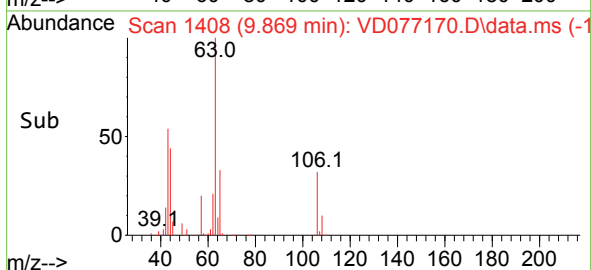
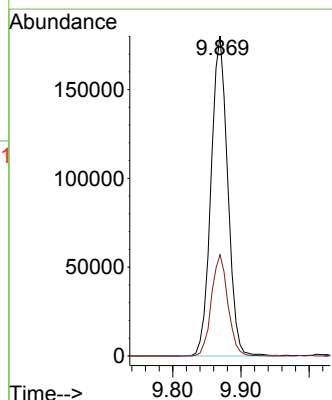
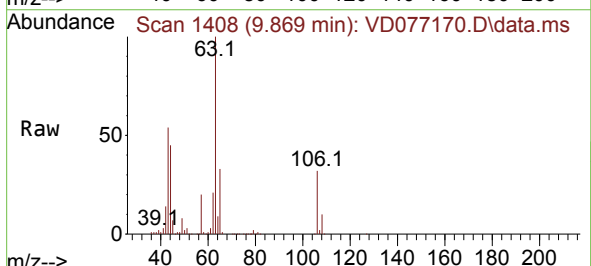
Acq: 20 Sep 2023 17:37

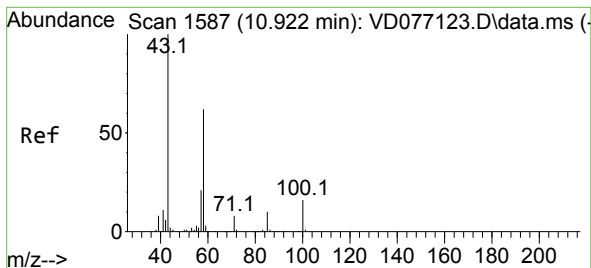
Tgt Ion: 63 Resp: 306617

Ion Ratio Lower Upper

63 100

106 31.2 25.3 37.9

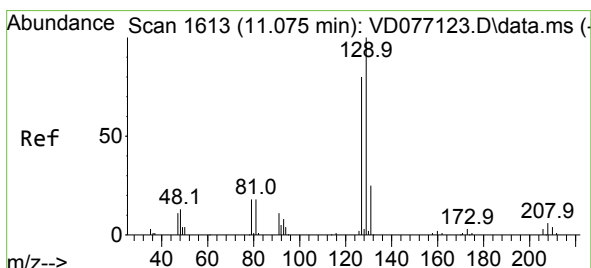
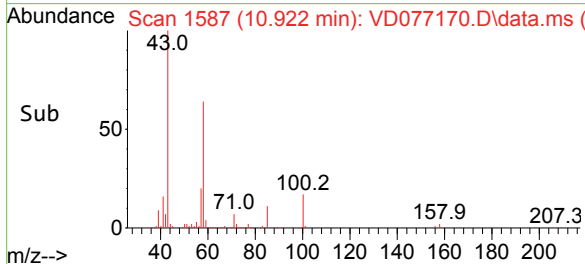
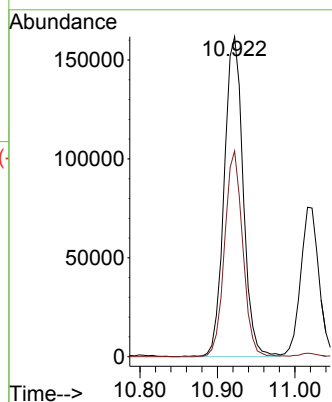
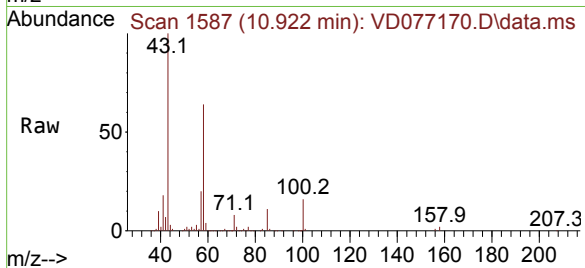




#59
2-Hexanone
Concen: 297.929 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

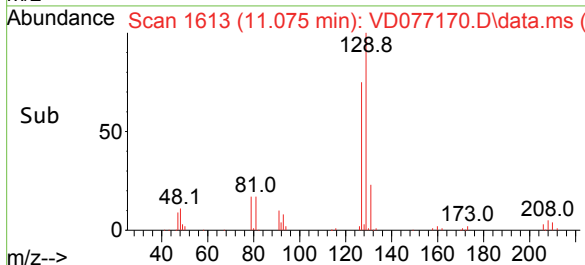
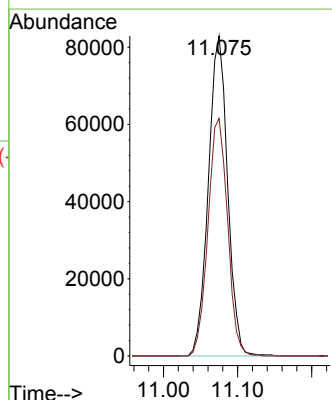
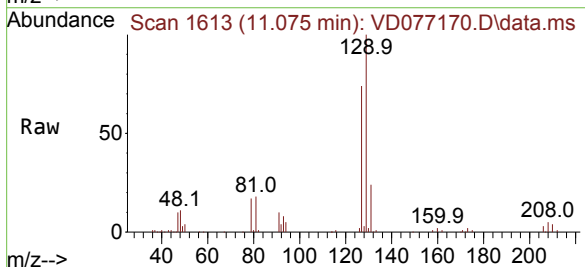
Instrument :
MSVOA_D
ClientSampleId :

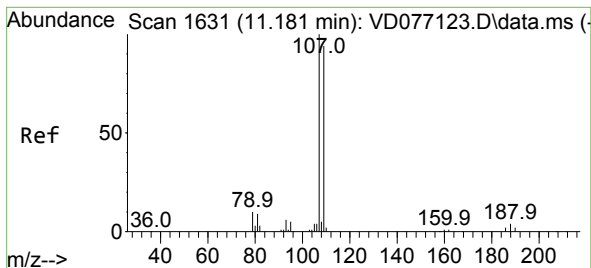
Tgt Ion: 43 Resp: 274818
Ion Ratio Lower Upper
43 100
58 61.7 34.1 102.2



#60
Dibromochloromethane
Concen: 59.100 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion:129 Resp: 149613
Ion Ratio Lower Upper
129 100
127 75.4 37.1 111.5





#61

1,2-Dibromoethane

Concen: 56.709 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

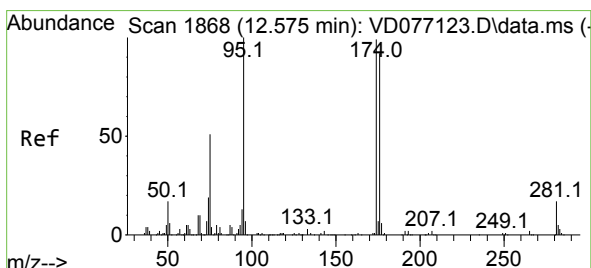
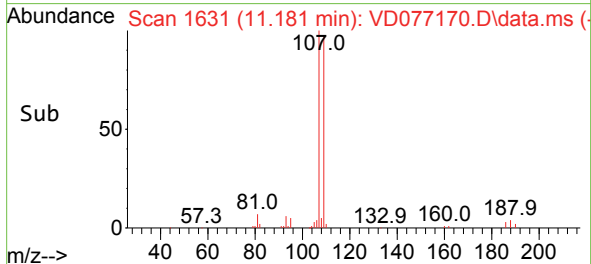
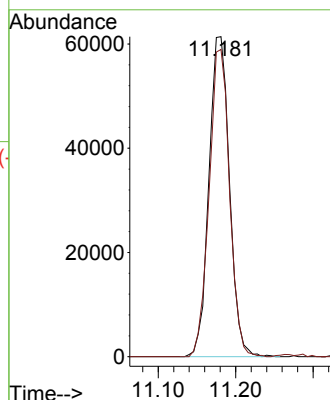
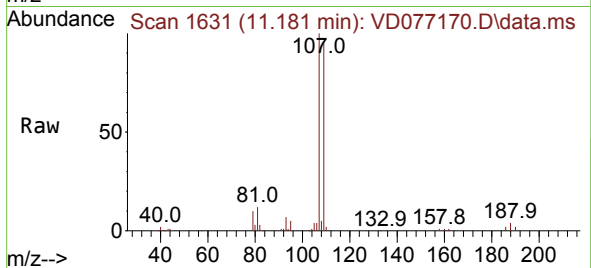
ClientSampleId :

Tgt Ion:107 Resp: 113310

Ion Ratio Lower Upper

107 100

109 95.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 55.369 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

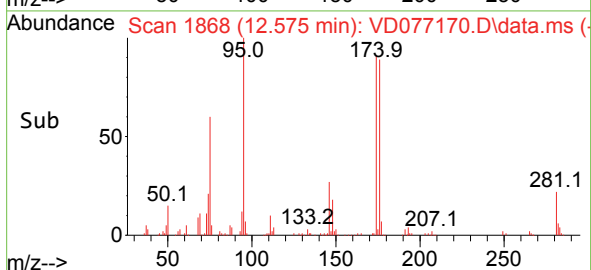
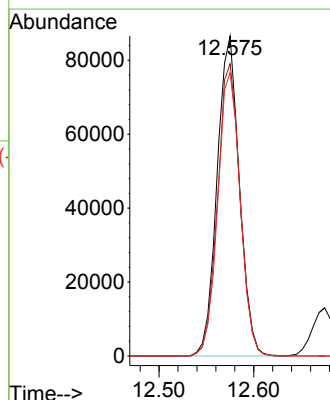
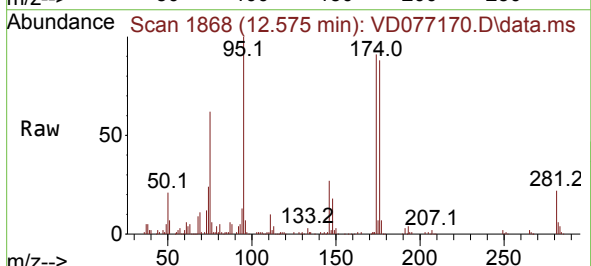
Tgt Ion: 95 Resp: 141146

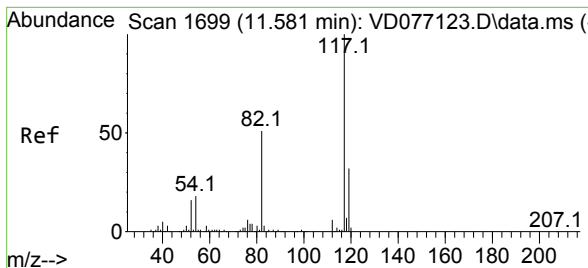
Ion Ratio Lower Upper

95 100

174 92.5 0.0 201.8

176 89.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

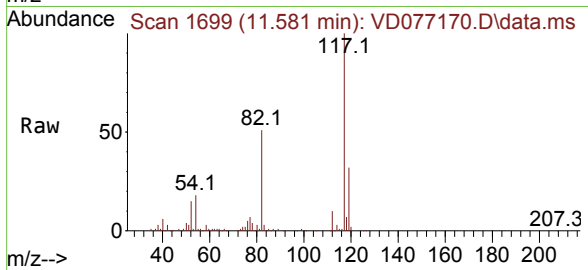
Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :



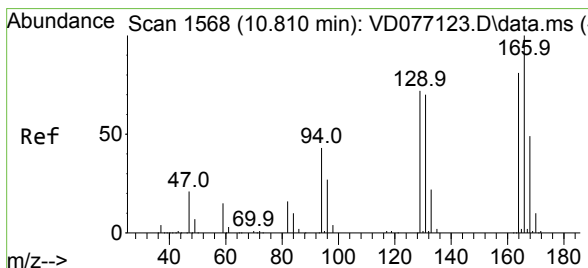
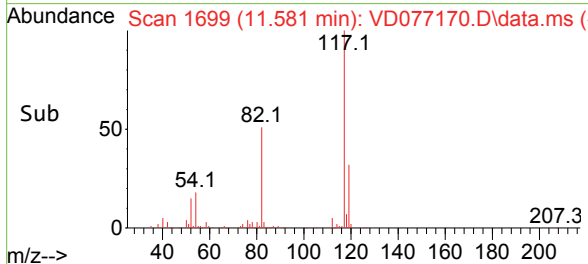
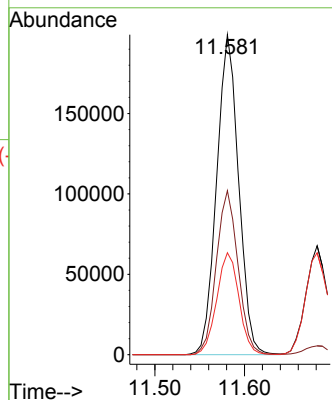
Tgt Ion:117 Resp: 338598

Ion Ratio Lower Upper

117 100

82 51.2 38.3 57.5

119 31.8 25.0 37.4



#64

Tetrachloroethene

Concen: 53.990 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Tgt Ion:164 Resp: 142234

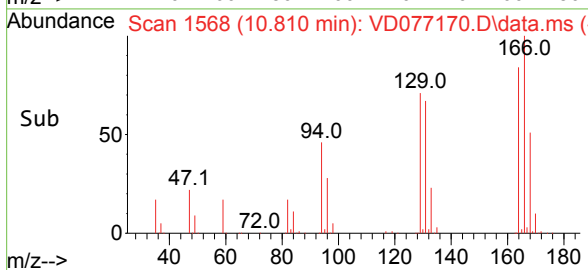
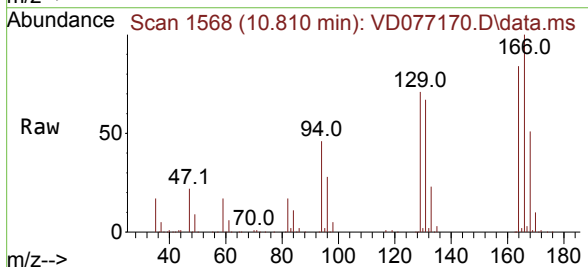
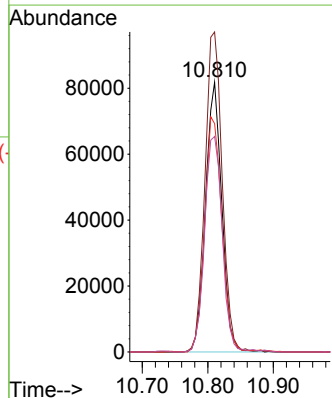
Ion Ratio Lower Upper

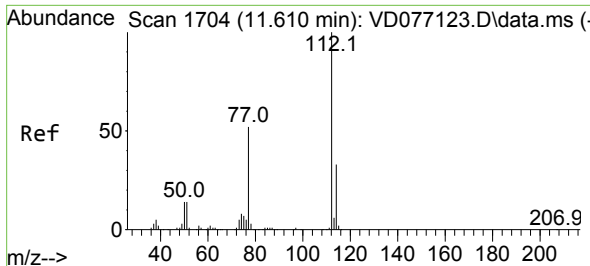
164 100

166 118.6 99.2 148.8

129 84.5 68.4 102.6

131 79.9 63.8 95.8

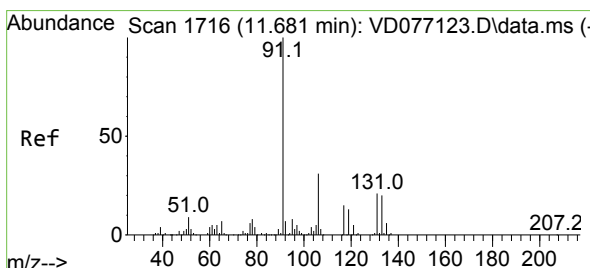
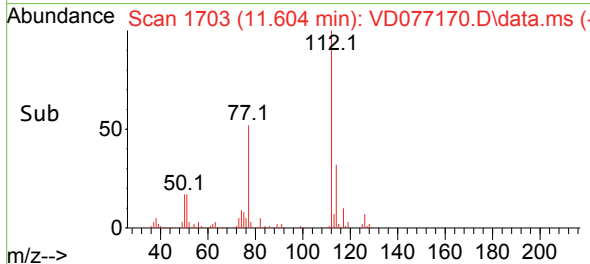
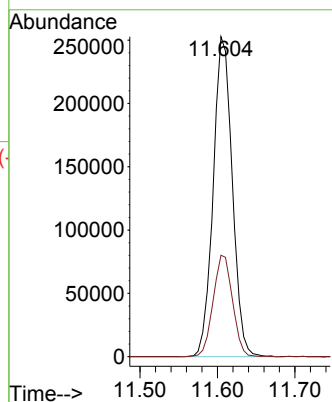
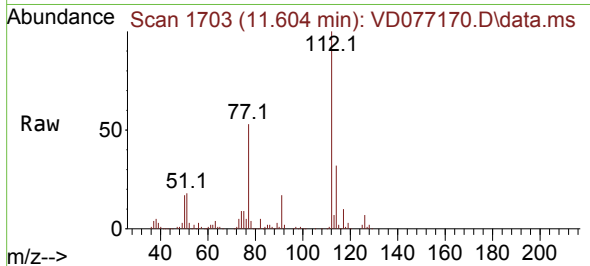




#65
Chlorobenzene
Concen: 54.260 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

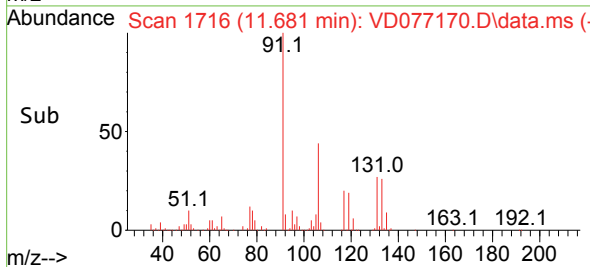
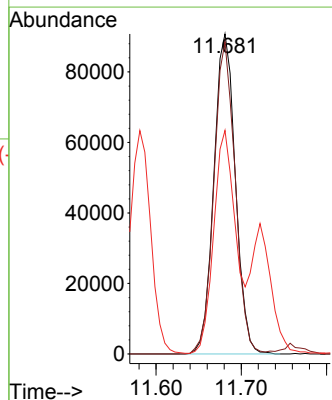
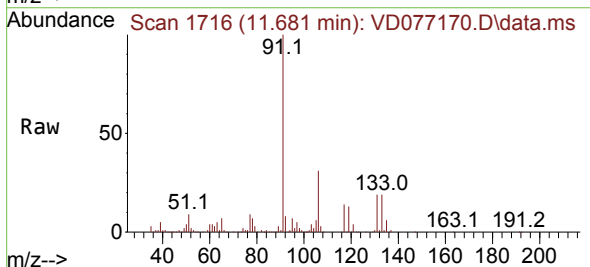
Instrument :
MSVOA_D
ClientSampleId :

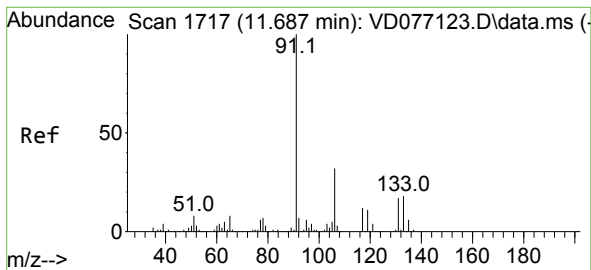
Tgt Ion:112 Resp: 432199
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.677 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

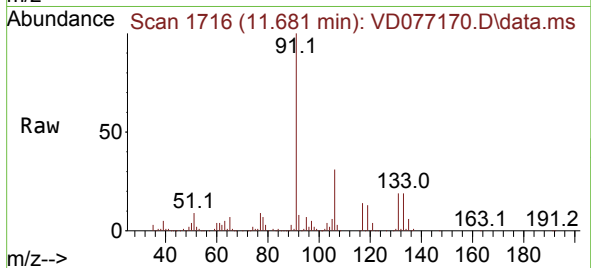
Tgt Ion:131 Resp: 159333
Ion Ratio Lower Upper
131 100
133 96.2 48.5 145.5
119 71.7 35.6 106.9



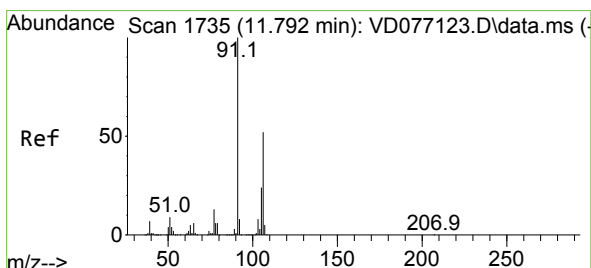
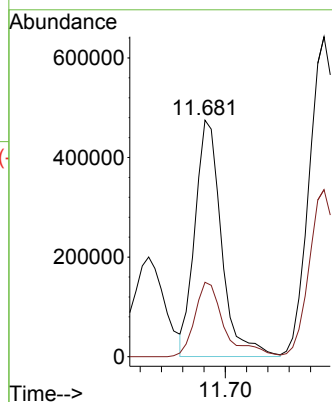
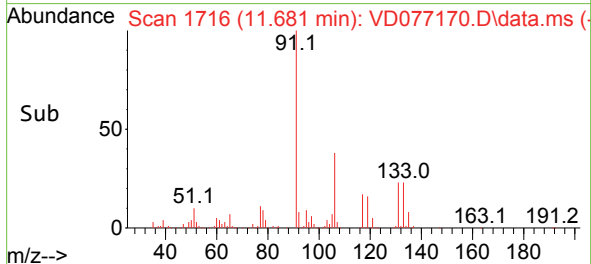


#67
Ethyl Benzene
Concen: 59.976 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

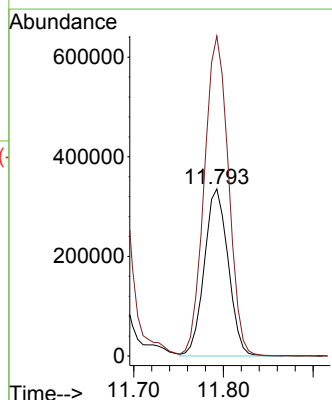
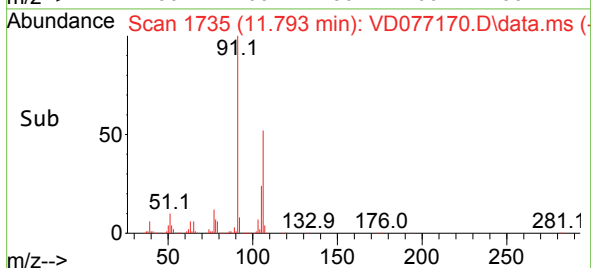
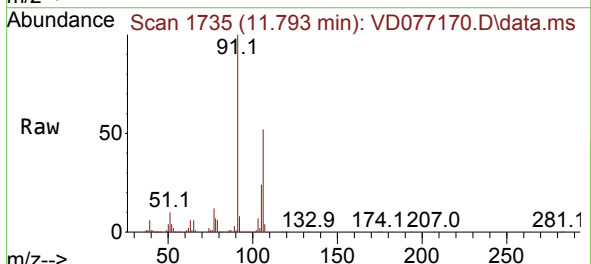


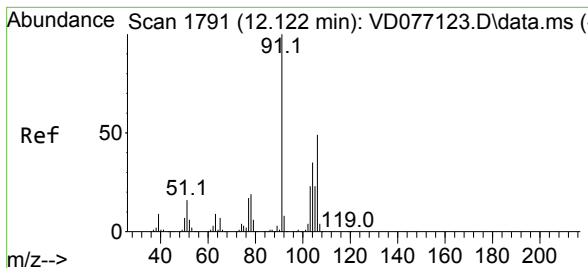
Tgt Ion: 91 Resp: 821150
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7



#68
m/p-Xylenes
Concen: 112.851 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion:106 Resp: 618631
Ion Ratio Lower Upper
106 100
91 194.1 147.0 220.6

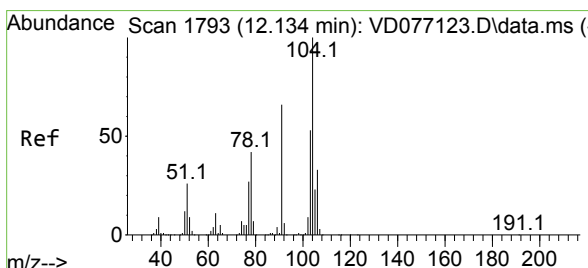
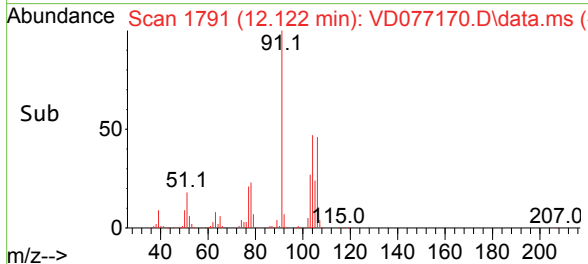
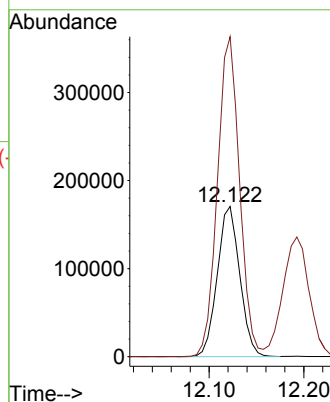
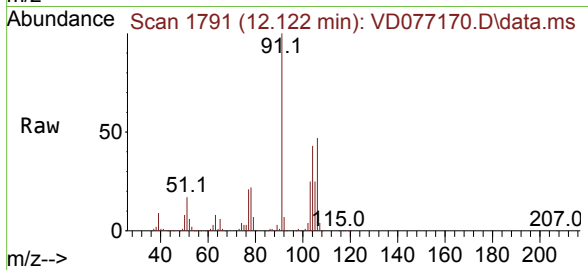




#69
o-Xylene
Concen: 55.985 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

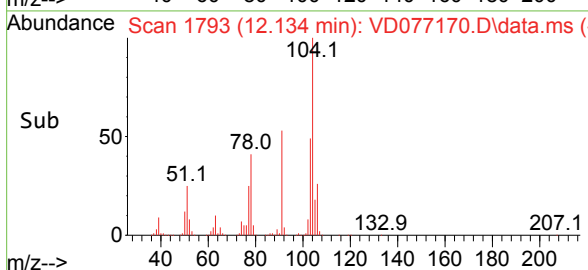
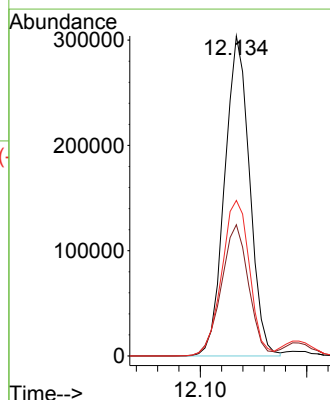
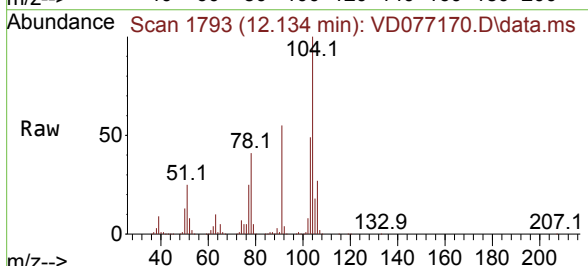
Instrument :
MSVOA_D
ClientSampleId :

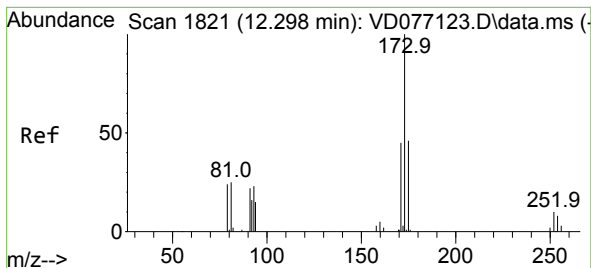
Tgt Ion:106 Resp: 281690
Ion Ratio Lower Upper
106 100
91 210.3 97.9 293.6



#70
Styrene
Concen: 57.668 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion:104 Resp: 494341
Ion Ratio Lower Upper
104 100
78 45.0 33.2 49.8
103 54.3 43.6 65.4





#71

Bromoform

Concen: 56.822 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077170.D

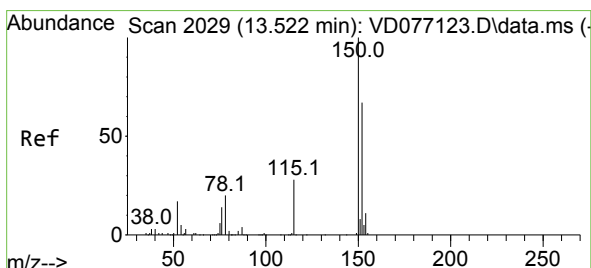
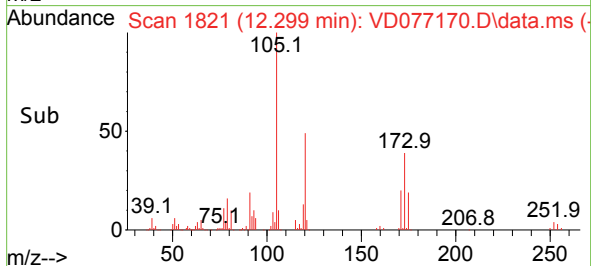
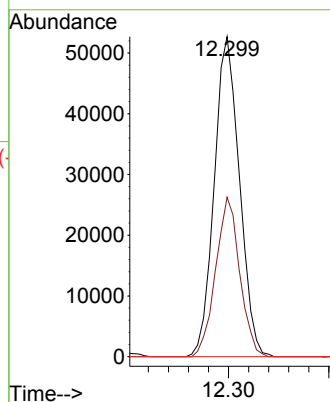
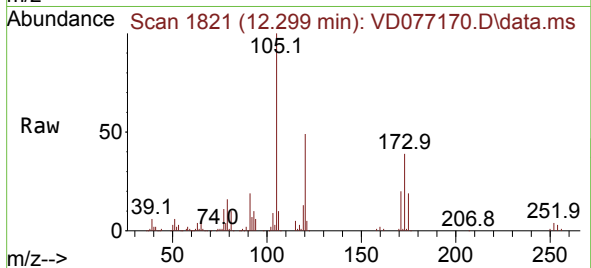
Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	91785
Ion Ratio	Lower	Upper
173	100	
175	47.5	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

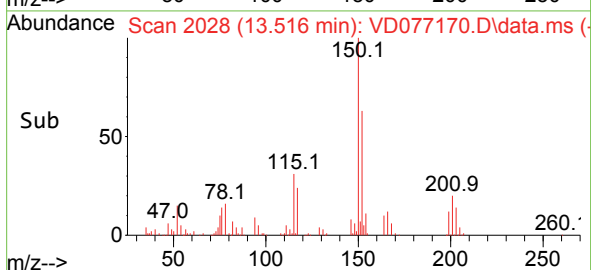
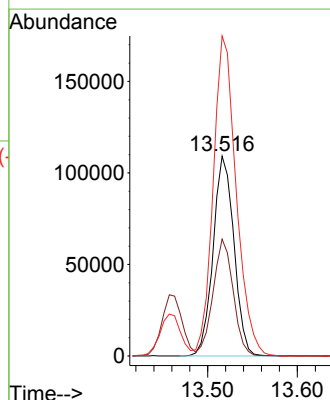
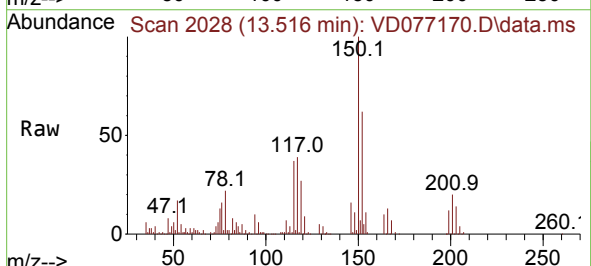
RT: 13.516 min Scan# 2028

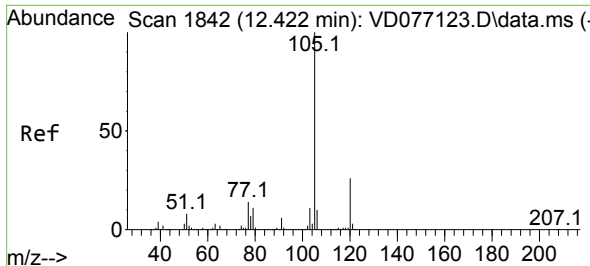
Delta R.T. -0.006 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Tgt Ion:152	Resp:	176041
Ion Ratio	Lower	Upper
152	100	
115	56.7	27.1 81.3
150	177.0	0.0 353.6

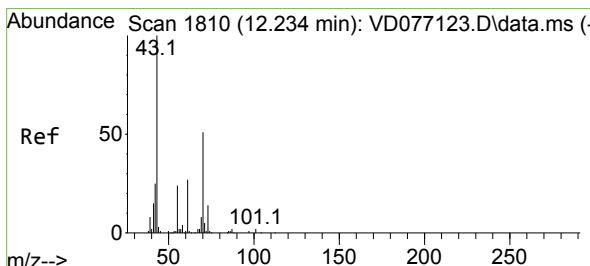
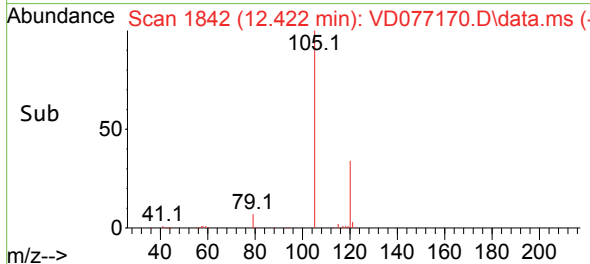
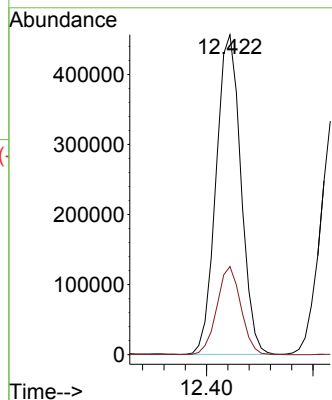
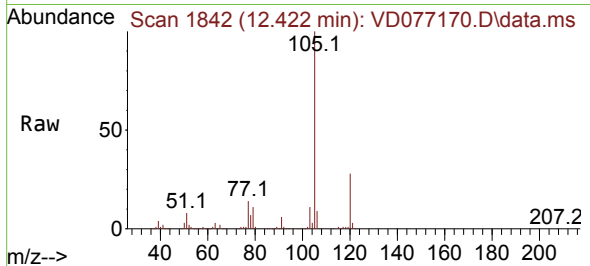




#73
Isopropylbenzene
Concen: 56.682 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

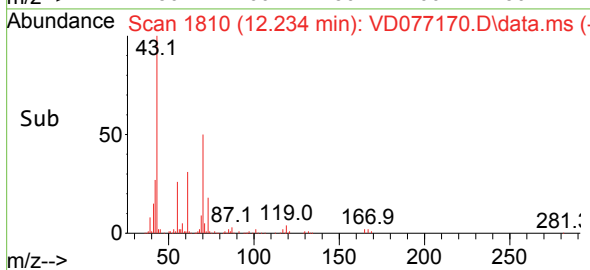
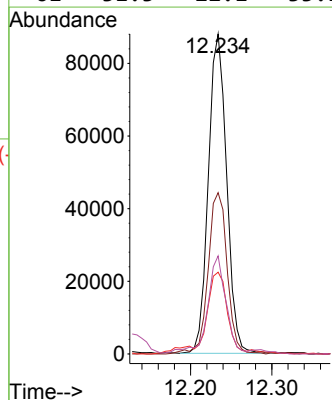
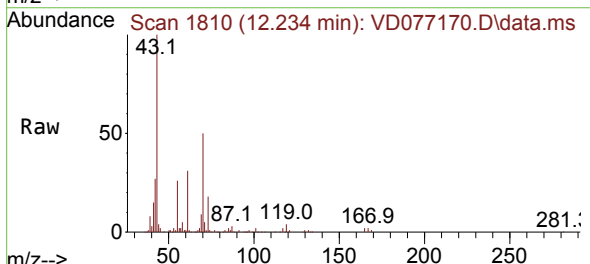
Instrument :
MSVOA_D
ClientSampleId :

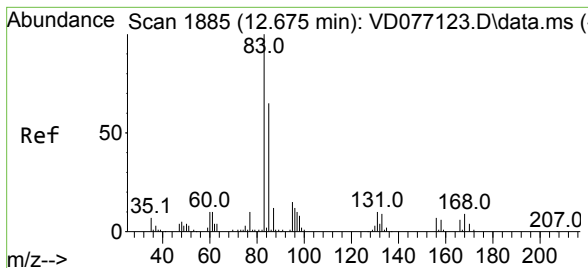
Tgt Ion:105 Resp: 737299
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 56.307 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion: 43 Resp: 137583
Ion Ratio Lower Upper
43 100
70 52.6 45.0 67.4
55 29.9 23.8 35.6
61 31.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 54.949 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

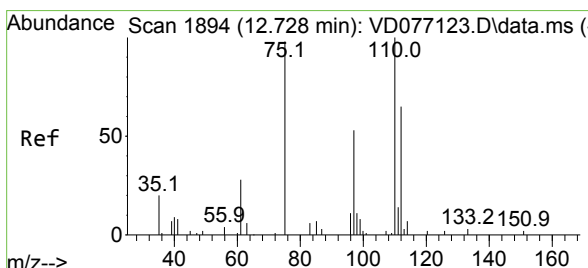
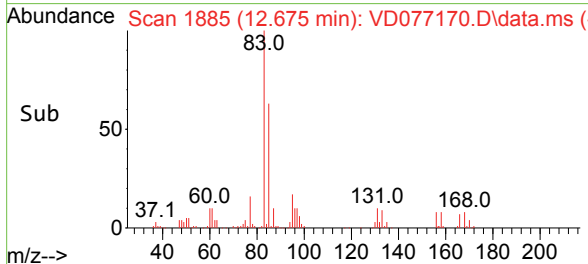
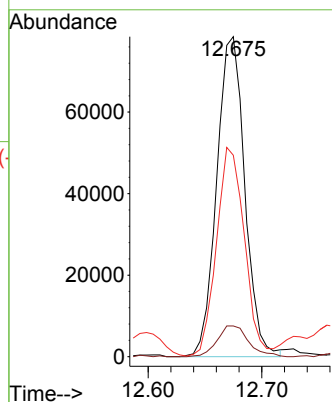
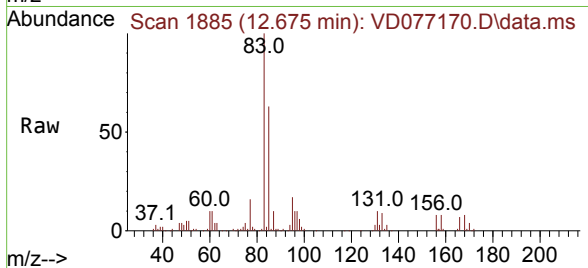
Tgt Ion: 83 Resp: 134885

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

85 64.9 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 135.327 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD077170.D

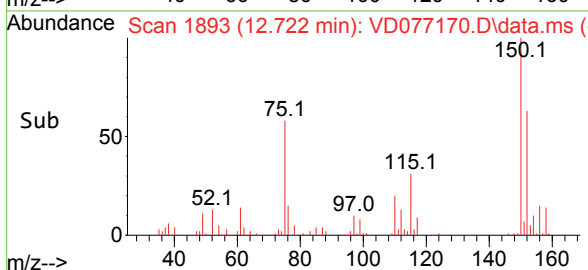
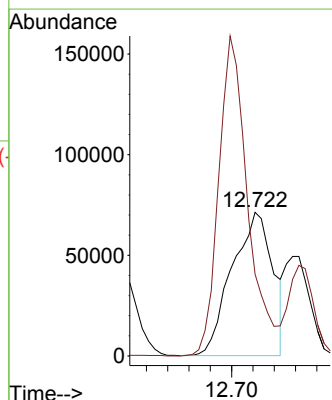
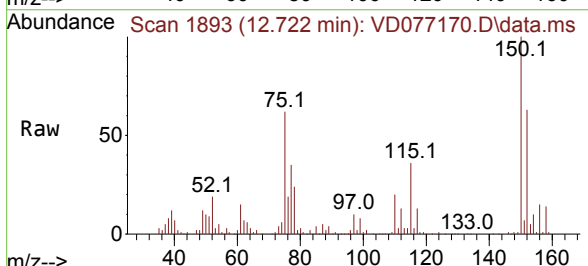
Acq: 20 Sep 2023 17:37

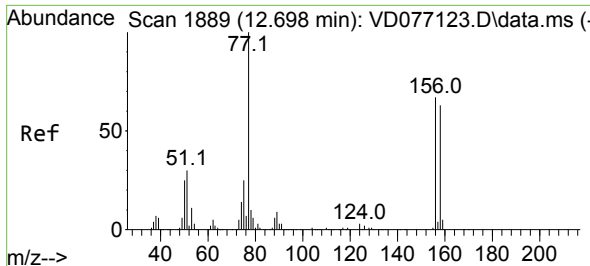
Tgt Ion: 75 Resp: 190030

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

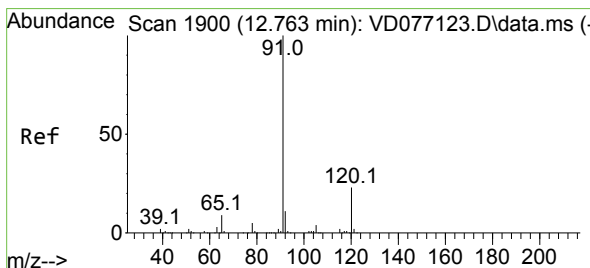
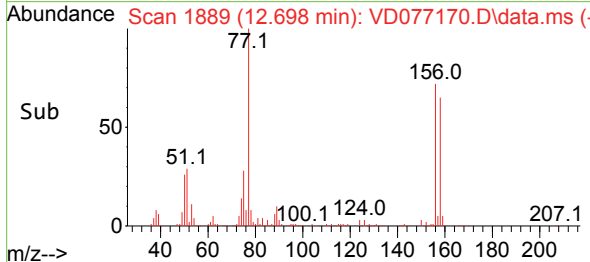
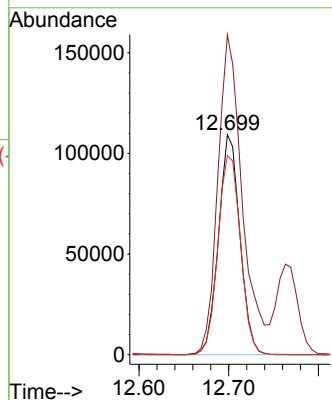
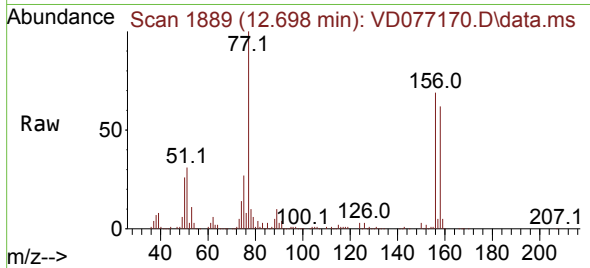




#77
Bromobenzene
Concen: 55.714 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

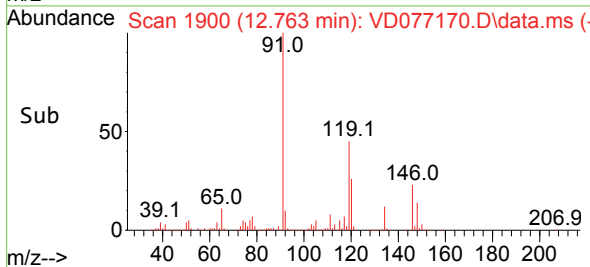
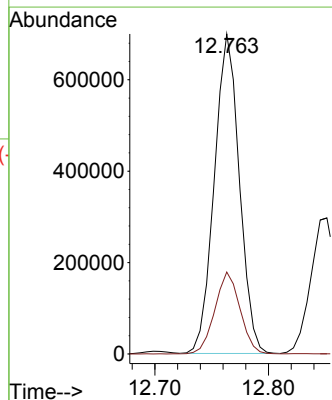
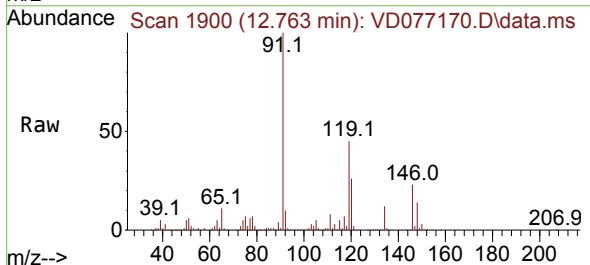
Instrument :
MSVOA_D
ClientSampleId :

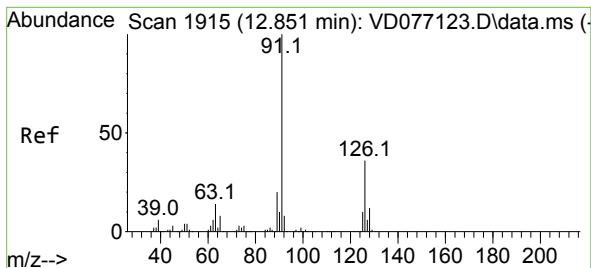
Tgt Ion:156 Resp: 180452
Ion Ratio Lower Upper
156 100
77 164.8 76.8 230.4
158 96.0 48.6 145.9



#78
n-propylbenzene
Concen: 67.298 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion: 91 Resp: 1070012
Ion Ratio Lower Upper
91 100
120 25.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 55.160 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

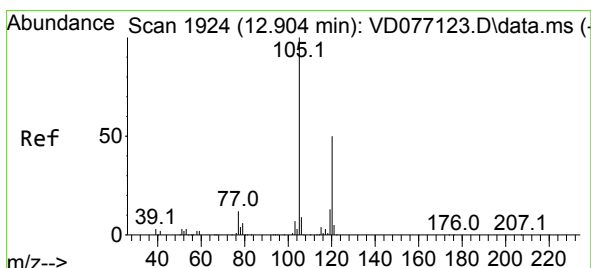
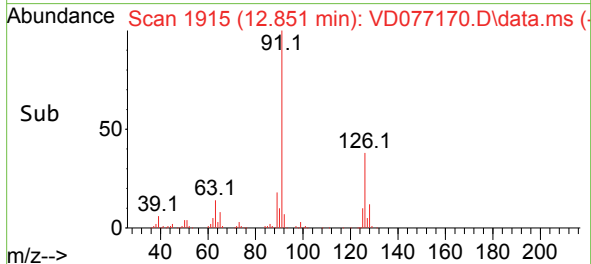
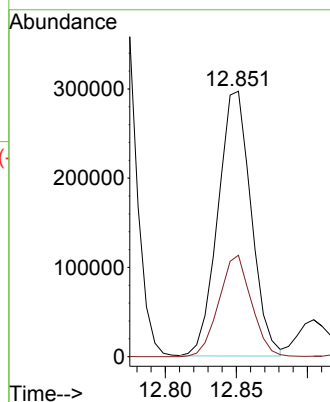
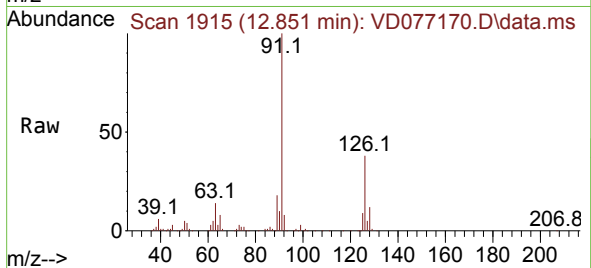
ClientSampleId :

Tgt Ion: 91 Resp: 483634

Ion Ratio Lower Upper

91 100

126 37.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 56.508 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077170.D

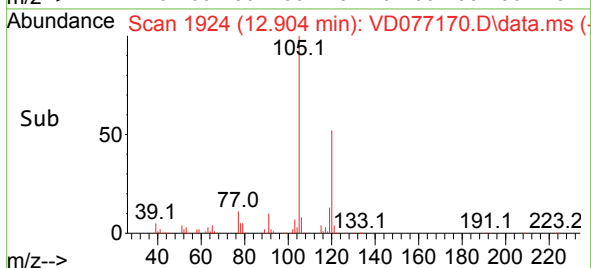
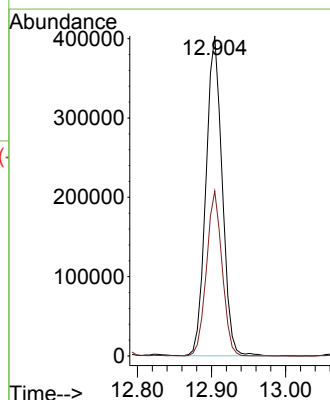
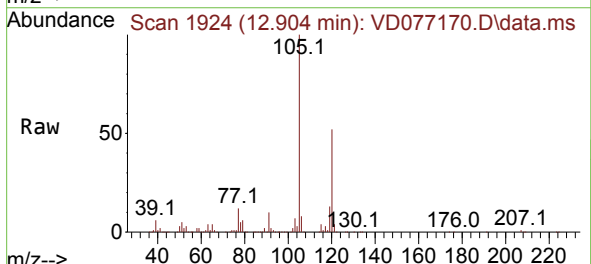
Acq: 20 Sep 2023 17:37

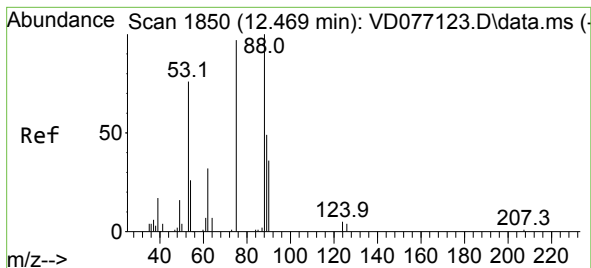
Tgt Ion: 105 Resp: 613868

Ion Ratio Lower Upper

105 100

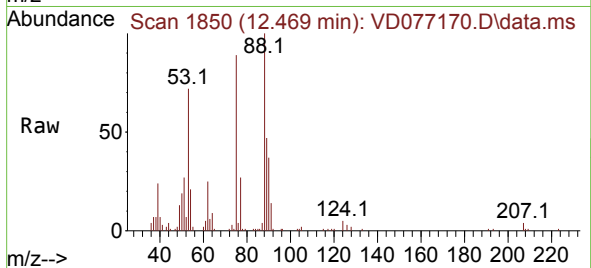
120 49.7 26.4 79.2



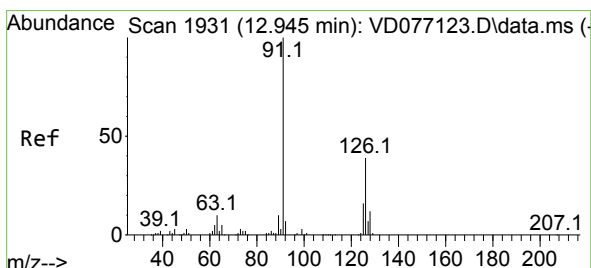
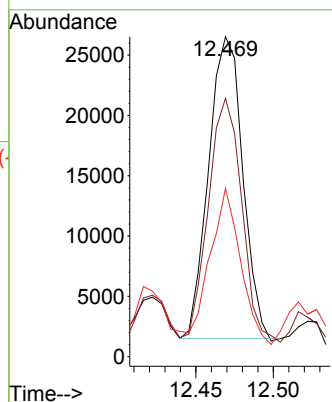
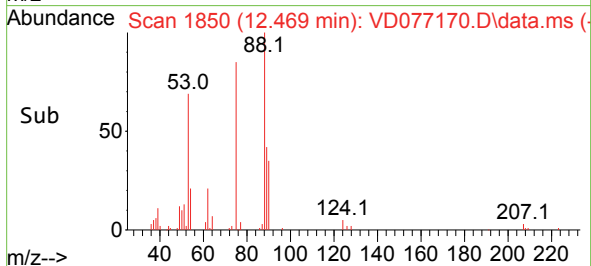


#81
trans-1,4-Dichloro-2-butene
Concen: 51.493 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

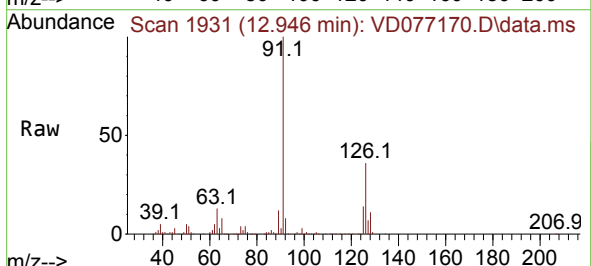
Instrument :
MSVOA_D
ClientSampleId :



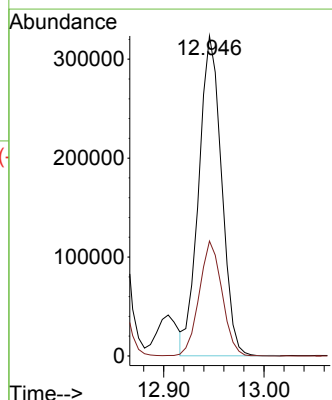
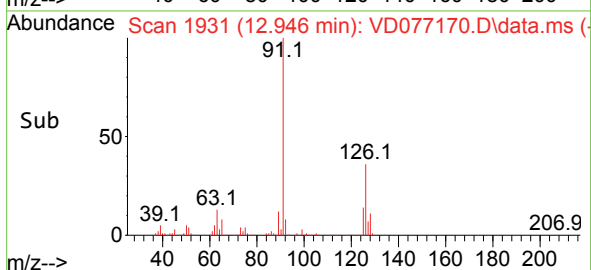
Tgt Ion: 75 Resp: 38202
Ion Ratio Lower Upper
75 100
53 91.4 63.0 94.4
89 54.4 37.9 56.9

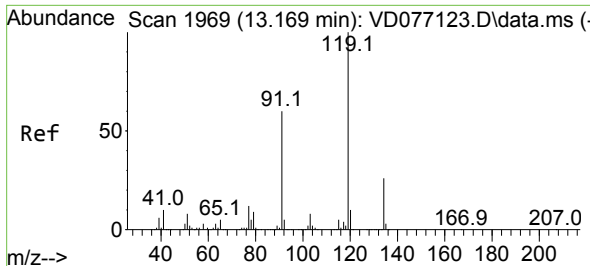


#82
4-Chlorotoluene
Concen: 55.522 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37



Tgt Ion: 91 Resp: 511632
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4

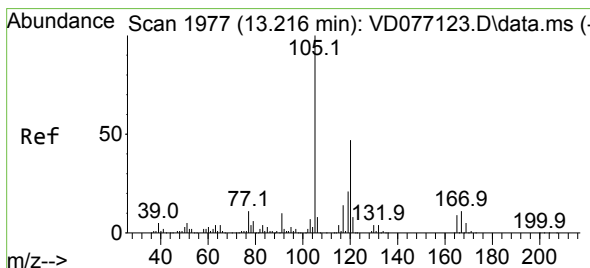
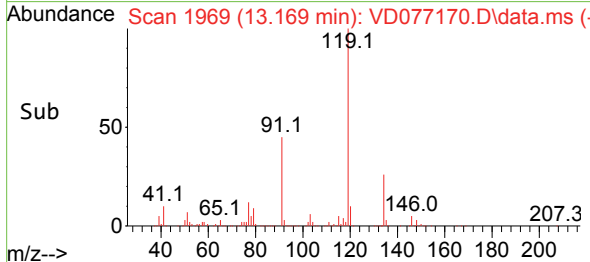
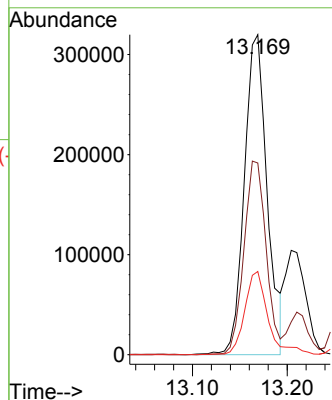
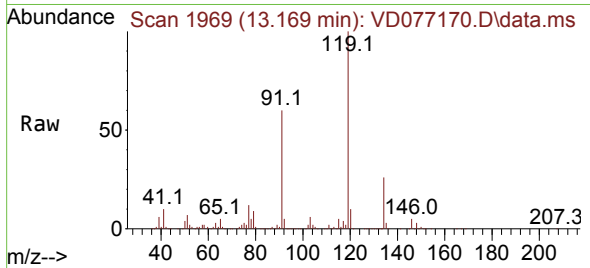




#83
tert-Butylbenzene
Concen: 57.689 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

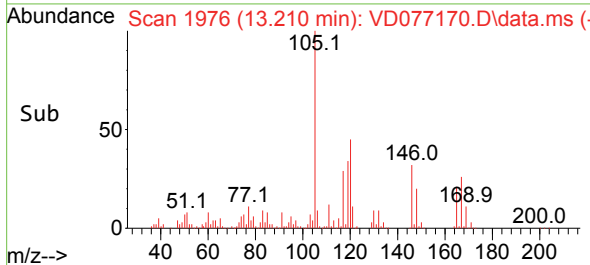
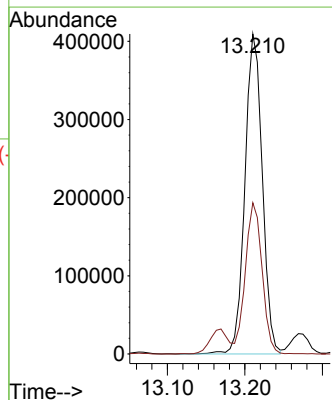
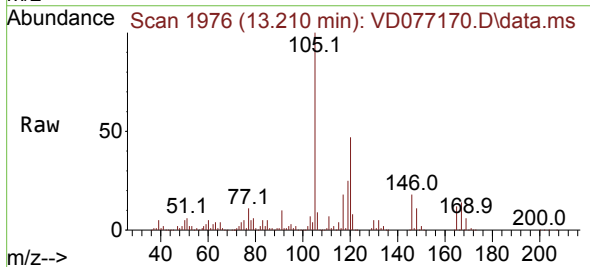
Instrument :
MSVOA_D
ClientSampleId :

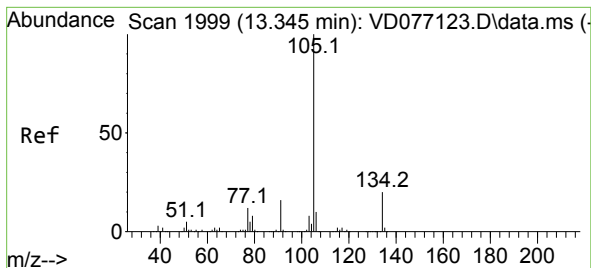
Tgt Ion:119 Resp: 535420
Ion Ratio Lower Upper
119 100
91 59.2 29.3 87.8
134 26.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 58.025 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion:105 Resp: 639182
Ion Ratio Lower Upper
105 100
120 45.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 57.048 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

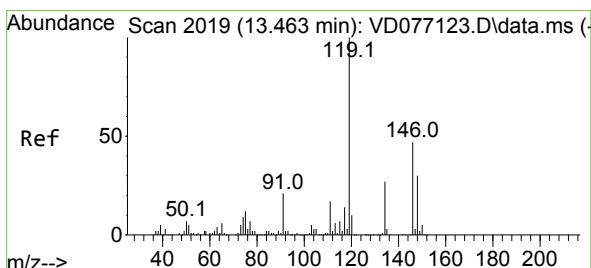
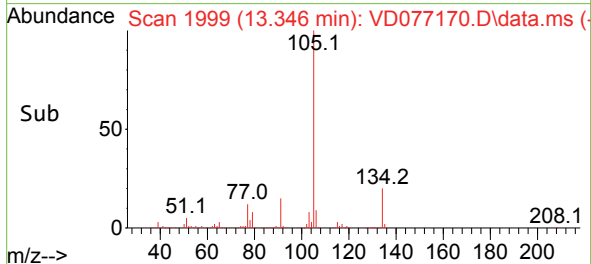
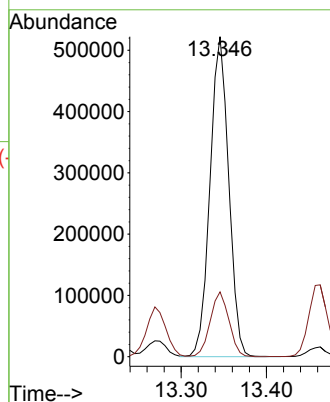
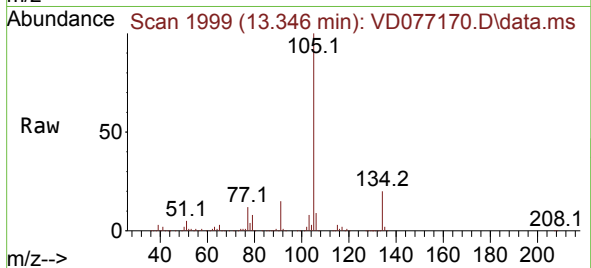
ClientSampleId :

Tgt Ion:105 Resp: 794512

Ion Ratio Lower Upper

105 100

134 20.3 10.9 32.9



#86

p-Isopropyltoluene

Concen: 57.935 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

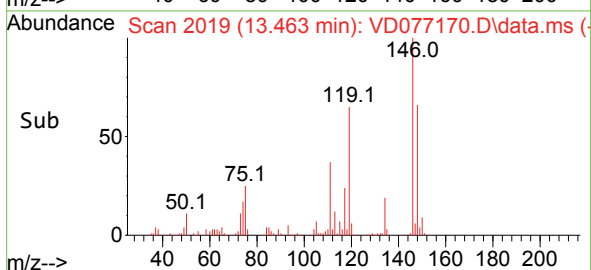
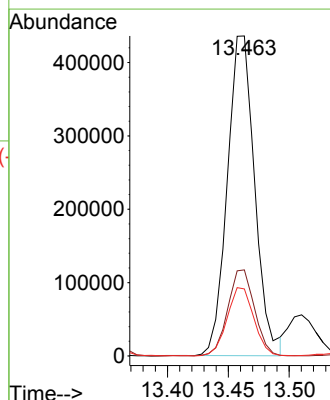
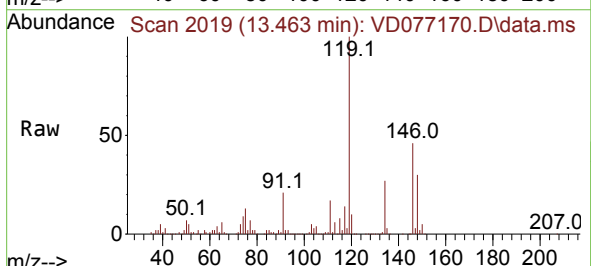
Tgt Ion:119 Resp: 684490

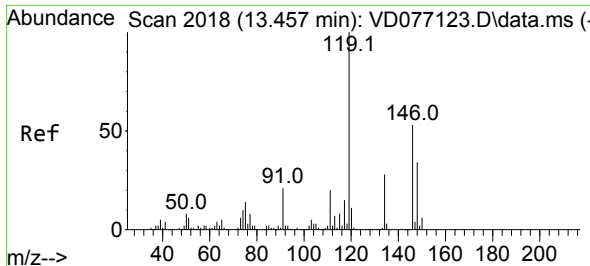
Ion Ratio Lower Upper

119 100

134 26.3 14.2 42.6

91 21.0 10.5 31.5

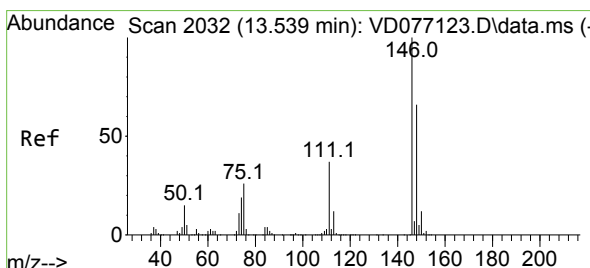
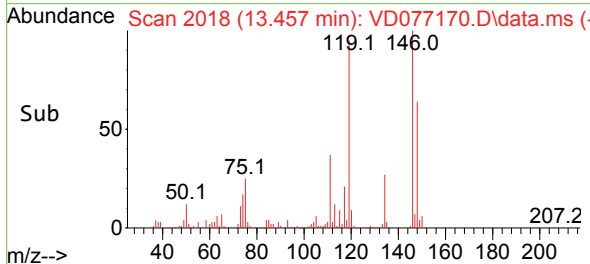
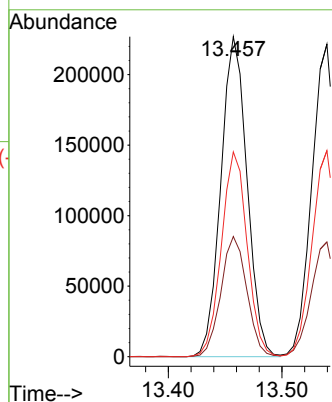
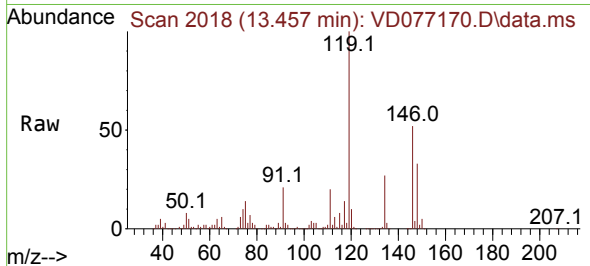




#87
 1,3-Dichlorobenzene
 Concen: 54.619 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077170.D
 Acq: 20 Sep 2023 17:37

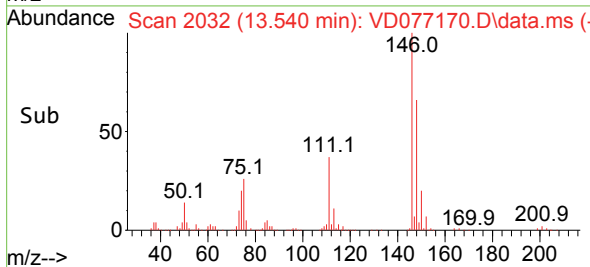
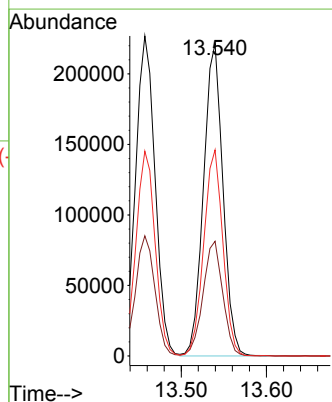
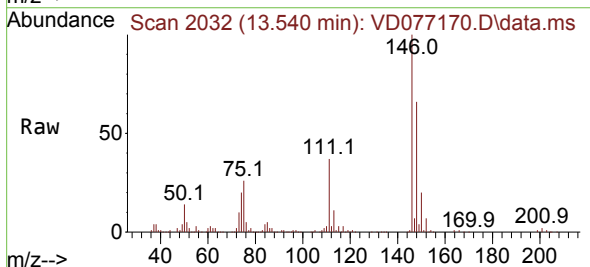
Instrument :
 MSVOA_D
 ClientSampleId :

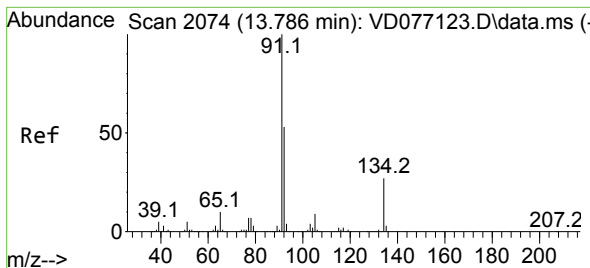
Tgt Ion:146 Resp: 363819
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.9 53.8
 148 62.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 53.477 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077170.D
 Acq: 20 Sep 2023 17:37

Tgt Ion:146 Resp: 350474
 Ion Ratio Lower Upper
 146 100
 111 37.5 17.4 52.3
 148 65.1 31.7 95.1





#89

n-Butylbenzene

Concen: 56.412 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077170.D

Acq: 20 Sep 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

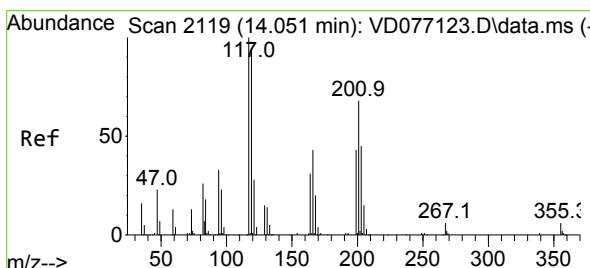
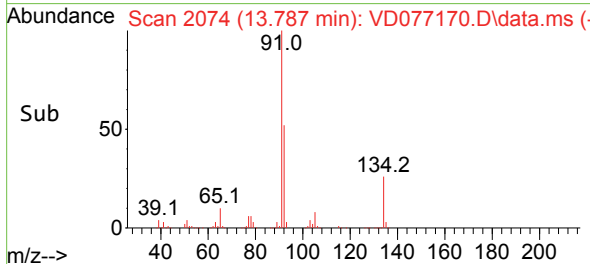
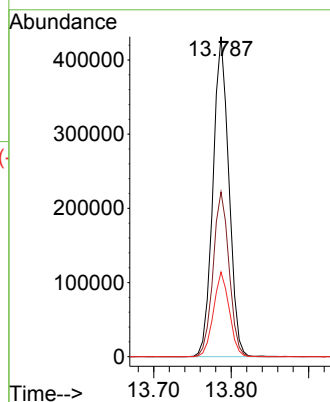
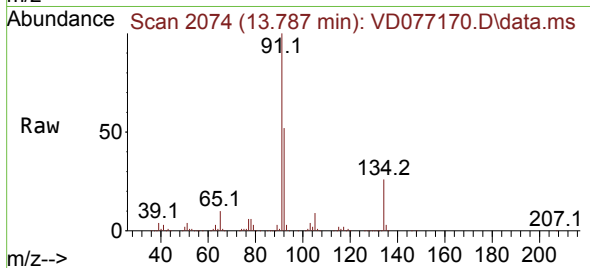
Tgt Ion: 91 Resp: 614848

Ion Ratio Lower Upper

91 100

92 51.7 26.5 79.5

134 26.3 13.8 41.3



#90

Hexachloroethane

Concen: 53.746 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD077170.D

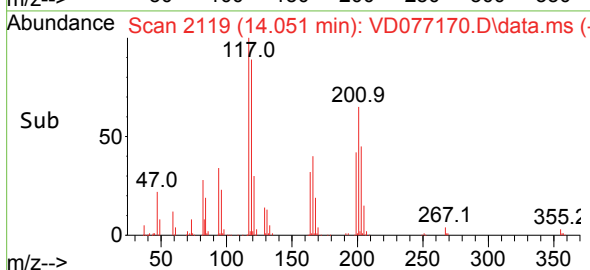
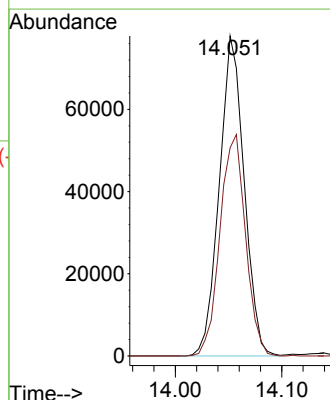
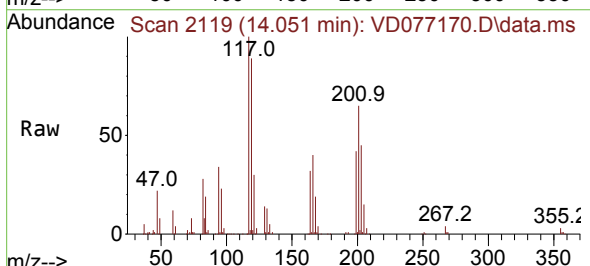
Acq: 20 Sep 2023 17:37

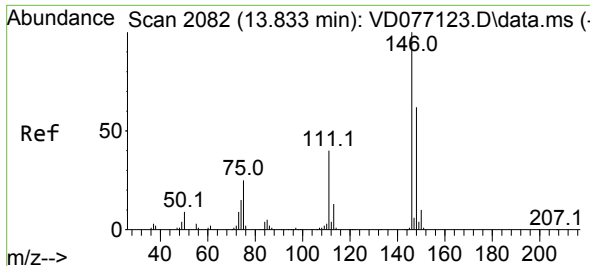
Tgt Ion: 117 Resp: 125935

Ion Ratio Lower Upper

117 100

201 71.2 38.5 115.5

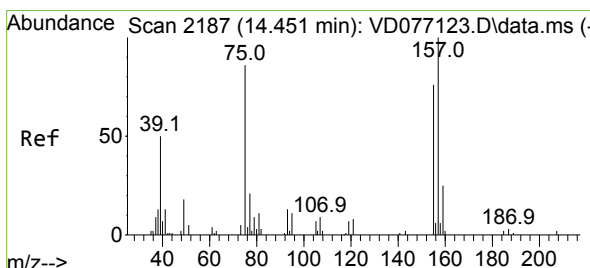
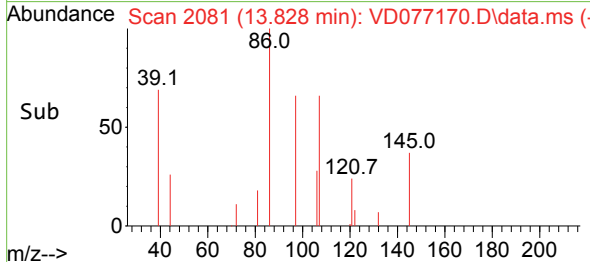
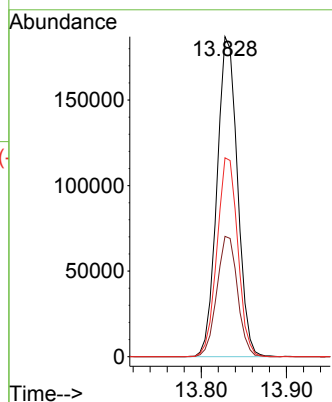
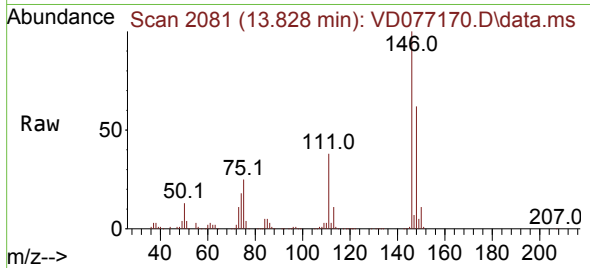




#91
1,2-Dichlorobenzene
Concen: 54.679 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

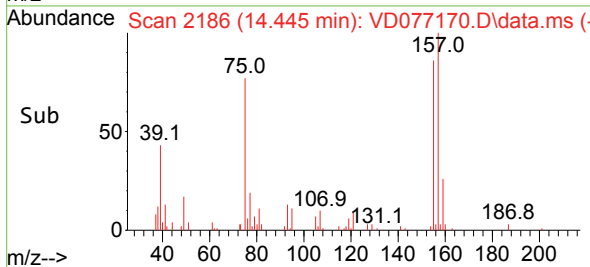
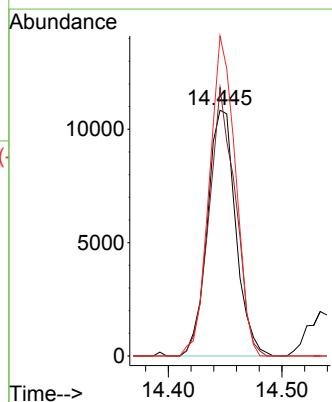
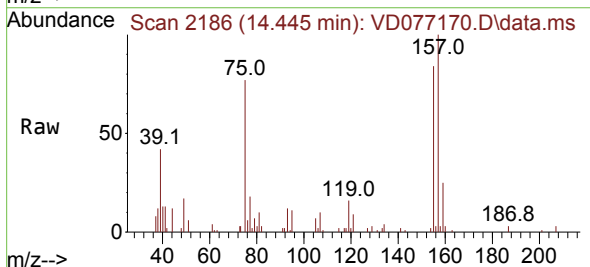
Instrument :
MSVOA_D
ClientSampleId :

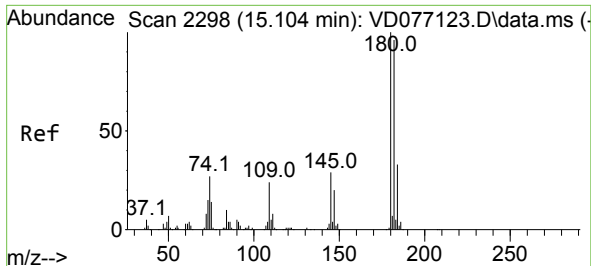
Tgt Ion:146 Resp: 312278
Ion Ratio Lower Upper
146 100
111 38.0 18.3 54.8
148 63.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.491 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

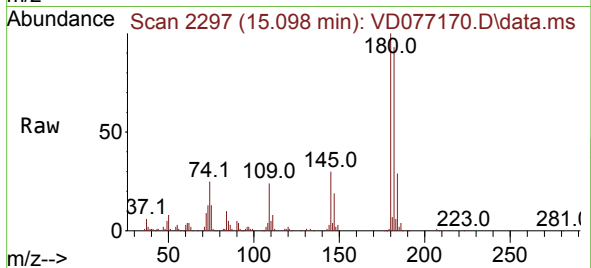
Tgt Ion: 75 Resp: 18844
Ion Ratio Lower Upper
75 100
155 101.3 47.9 143.8
157 119.8 59.9 179.7



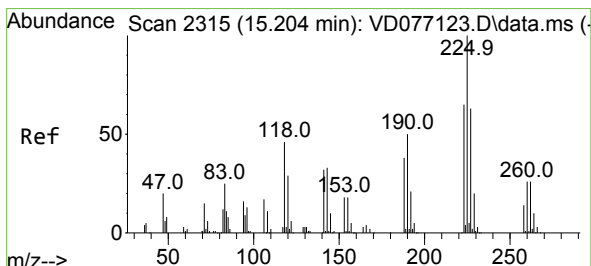
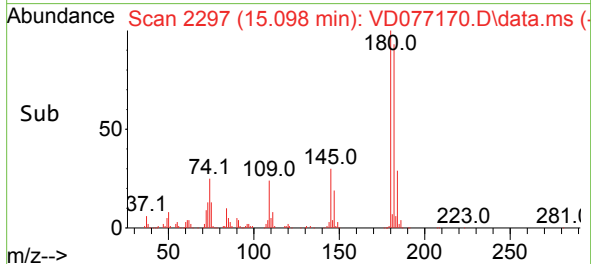
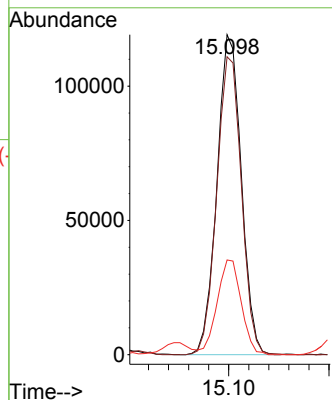


#93
1,2,4-Trichlorobenzene
Concen: 56.847 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

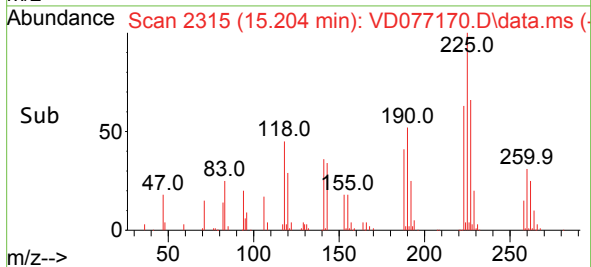
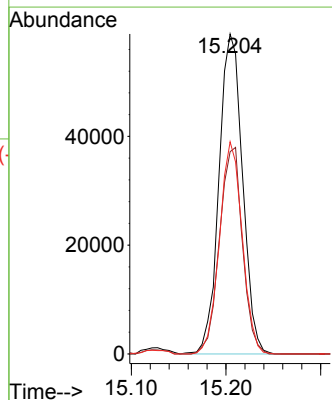
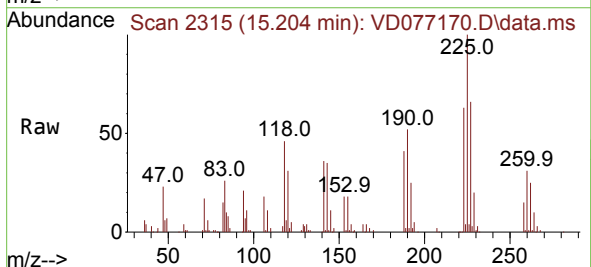


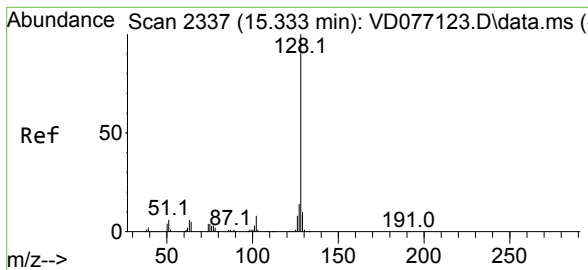
Tgt Ion:180 Resp: 200298
Ion Ratio Lower Upper
180 100
182 94.4 48.5 145.6
145 29.3 14.2 42.6



#94
Hexachlorobutadiene
Concen: 54.483 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion:225 Resp: 101728
Ion Ratio Lower Upper
225 100
223 63.1 31.6 94.8
227 63.9 31.7 95.1

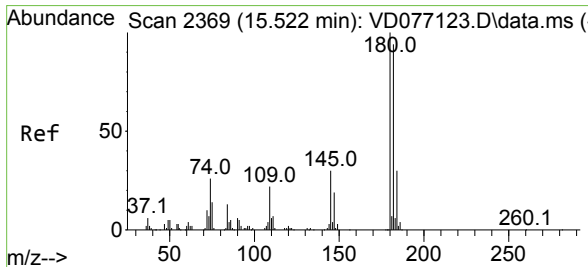
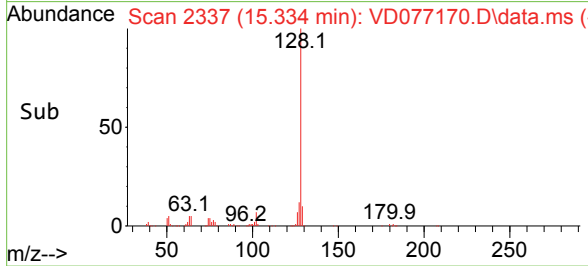
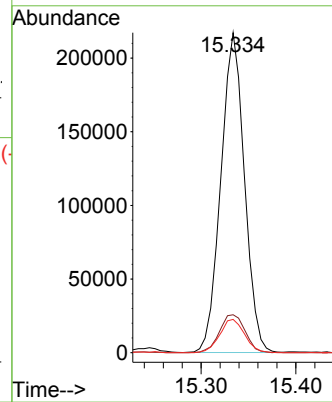
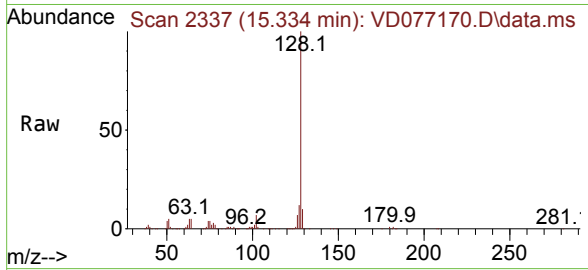




#95
Naphthalene
Concen: 58.107 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 375430
Ion Ratio Lower Upper
128 100
127 11.8 10.5 15.7
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.536 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077170.D
Acq: 20 Sep 2023 17:37

Tgt Ion:180 Resp: 180192
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.9
145 30.0 15.1 45.3

