

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092523\
 Data File : VD077212.D
 Acq On : 25 Sep 2023 10:55
 Operator : JC/SY
 Sample : VSTD5.0
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 22:52:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 25 22:51:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	278098	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	282348	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	143705	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	48040	7.551	ug/L	0.00
7) Chloroethane-d5	2.793	69	43149	8.014	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	12573	8.370	ug/L	0.00
21) 2-Butanone-d5	6.993	46	14536	15.844	ug/L	0.00
24) Chloroform-d	7.563	84	61366	7.961	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	30209	8.249	ug/L	0.00
32) Benzene-d6	8.199	84	116055	7.518	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	35984	7.914	ug/L	0.00
41) Toluene-d8	10.269	98	103991	7.433	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	15381	7.735	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	9620	12.999	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	30781	7.459	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	33609	7.357	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	26216	7.522	ug/L	100
3) Chloromethane	2.146	50	28451	4.824	ug/L	95
5) Vinyl chloride	2.281	62	35777	5.256	ug/L	97
6) Bromomethane	2.681	94	24156	5.111	ug/L	86
8) Chloroethane	2.834	64	25466	5.555	ug/L	89
9) Trichlorofluoromethane	3.175	101	40383	6.089	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	19422	4.752	ug/L #	78
12) 1,1-Dichloroethene	3.940	96	20883	5.660	ug/L	94
13) Acetone	4.022	43	12558	9.730	ug/L	100
14) Carbon disulfide	4.269	76	52830	4.543	ug/L	97
15) Methyl Acetate	4.563	43	12067	6.897	ug/L #	78
16) Methylene chloride	4.799	84	33428	5.879	ug/L	97
17) trans-1,2-Dichloroethene	5.305	96	12747	3.117	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	53668	5.944	ug/L #	90
19) 1,1-Dichloroethane	6.110	63	47422	6.724	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	27672	5.832	ug/L	95
22) 2-Butanone	7.069	43	5571	3.610	ug/L	83
23) Bromochloromethane	7.428	128	14962	6.602	ug/L #	77
25) Chloroform	7.604	83	53336	6.799	ug/L	94
27) 1,2-Dichloroethane	8.328	62	30201	6.412	ug/L	100
29) Cyclohexane	7.875	56	26056	5.068	ug/L	94
30) 1,1,1-Trichloroethane	7.787	97	42132	6.337	ug/L	98
31) Carbon tetrachloride	7.987	117	32364	5.817	ug/L	98
33) Benzene	8.251	78	100357	5.853	ug/L	100
34) Trichloroethene	9.028	95	27230	6.051	ug/L	97
35) Methylcyclohexane	9.275	83	32664	4.853	ug/L	96
37) 1,2-Dichloropropane	9.304	63	29439	6.656	ug/L #	93
38) Bromodichloromethane	9.587	83	38665	6.401	ug/L #	91
39) cis-1,3-Dichloropropene	10.016	75	40754	5.892	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	31061	12.592	ug/L	98
42) Toluene	10.334	91	108699	5.847	ug/L	93
44) trans-1,3-Dichloropropene	10.557	75	35738	6.020	ug/L	98

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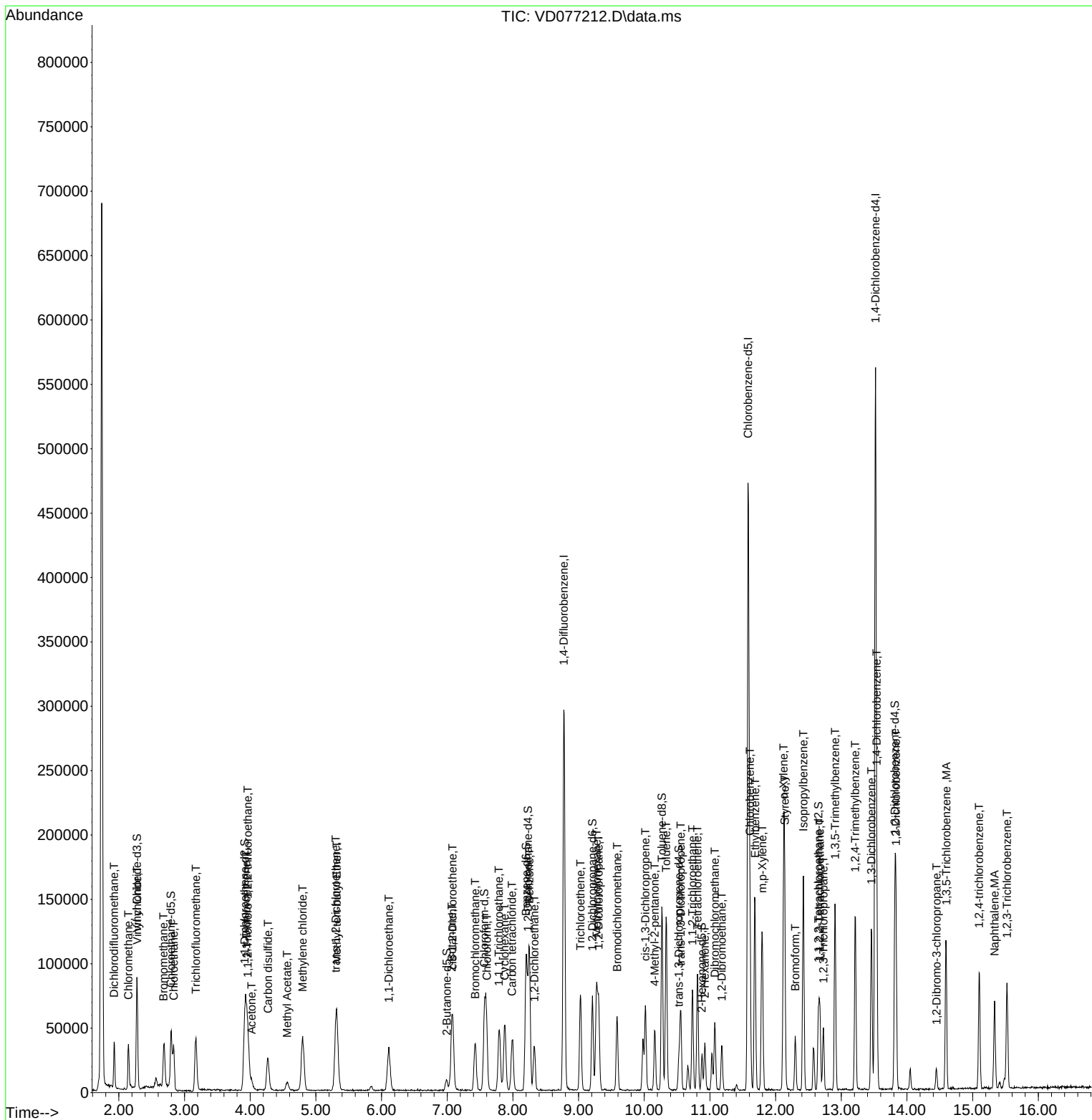
Quant Time: Sep 25 22:52:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 25 22:51:27 2023
 Response via : Initial Calibration

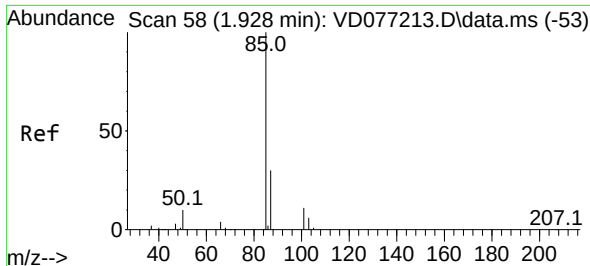
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.734	97	25371	6.738	ug/L	97
46) Tetrachloroethene	10.810	164	21286	5.818	ug/L	95
48) 2-Hexanone	10.922	43	22602	11.841	ug/L	98
49) Dibromochloromethane	11.075	129	27995	6.454	ug/L	90
50) 1,2-Dibromoethane	11.181	107	23972	6.588	ug/L	90
51) Chlorobenzene	11.610	112	77852	6.273	ug/L	98
52) Ethylbenzene	11.687	91	111463	5.559	ug/L	95
53) m,p-Xylene	11.798	106	43091	5.564	ug/L	94
54) o-Xylene	12.122	106	38794	5.196	ug/L	100
55) Styrene	12.140	104	76330	5.676	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.675	83	30370	6.863	ug/L	94
59) Bromoform	12.298	173	18169	6.915	ug/L	98
60) Isopropylbenzene	12.422	105	106010	5.705	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	20762	7.327	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	76812	5.347	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	77794	5.504	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	56536	6.339	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	60134	6.420	ug/L	93
67) 1,2-Dichlorobenzene	13.834	146	53351	6.482	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.451	75	3976	6.753	ug/L	92
69) 1,3,5-Trichlorobenzene	14.598	180	37056	6.281	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	30654	6.094	ug/L	98
71) Naphthalene	15.333	128	58832	5.817	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	28731	6.165	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Sep 25 22:51:27 2023
Response via : Initial Calibration

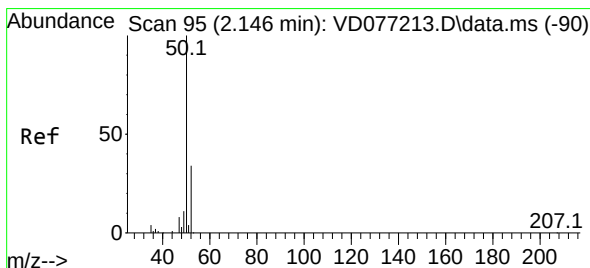
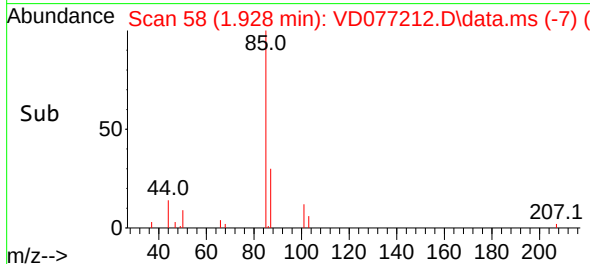
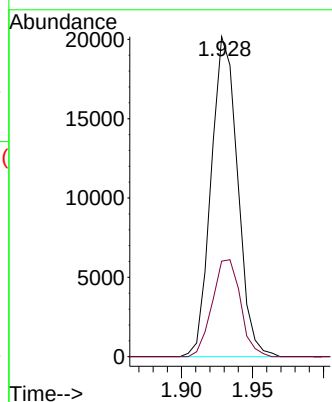
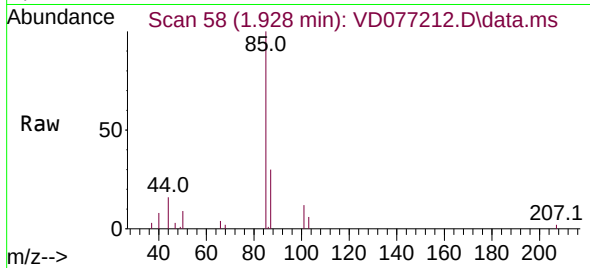




#2
Dichlorodifluoromethane
Concen: 7.522 ug/L
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

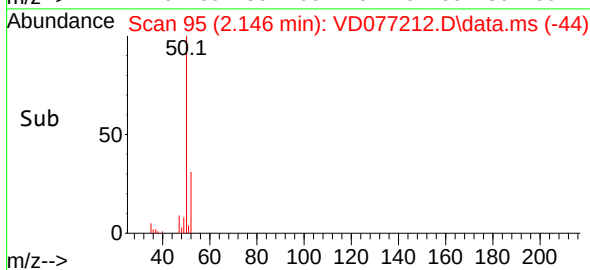
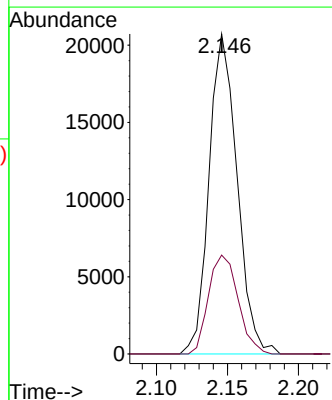
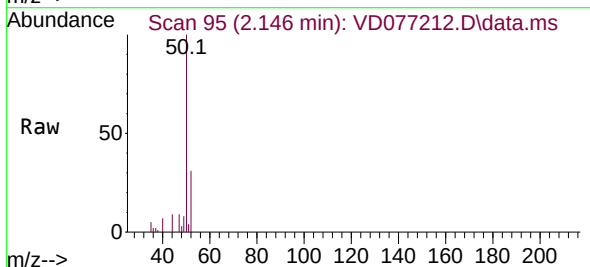
Instrument :
MSVOA_D
ClientSampleId :

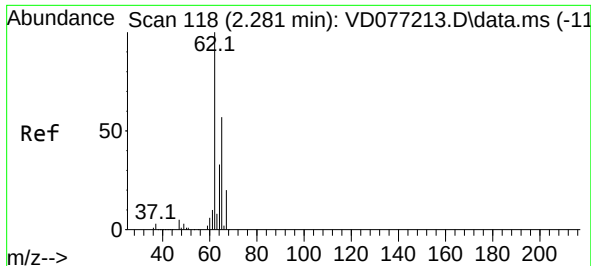
Tgt Ion: 85 Resp: 26216
Ion Ratio Lower Upper
85 100
87 32.3 25.9 38.9



#3
Chloromethane
Concen: 4.824 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion: 50 Resp: 28451
Ion Ratio Lower Upper
50 100
52 30.9 23.6 43.8

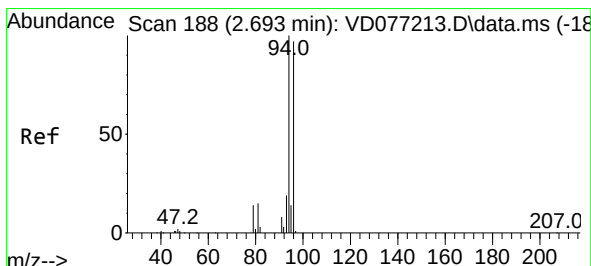
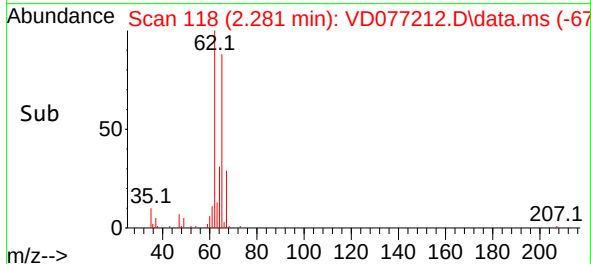
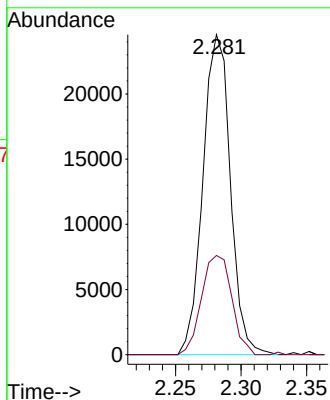
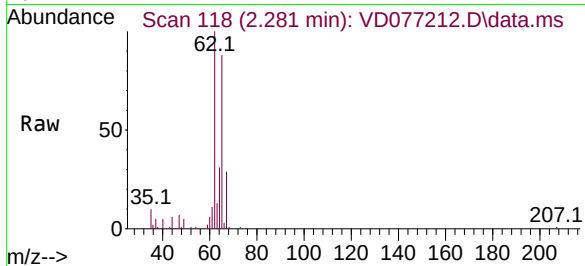




#5
 Vinyl chloride
 Concen: 5.256 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD077212.D
 Acq: 25 Sep 2023 10:55

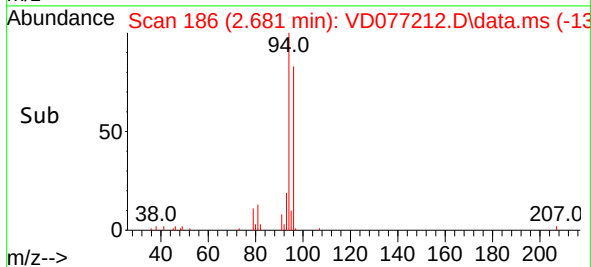
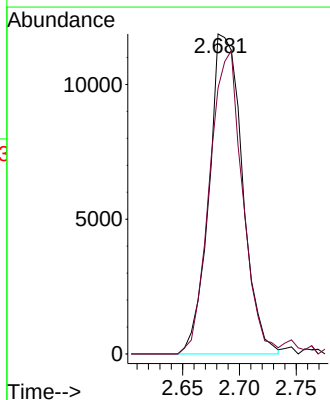
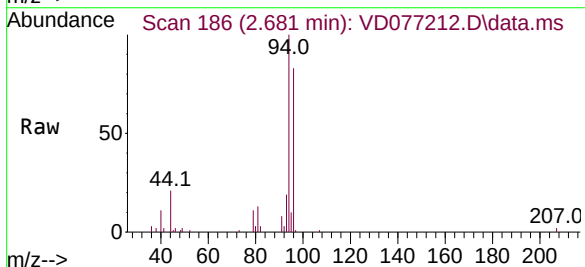
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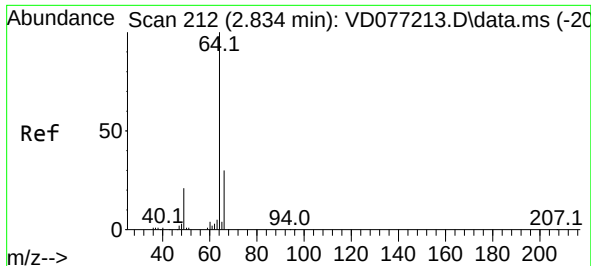
Tgt Ion: 62 Resp: 35777
 Ion Ratio Lower Upper
 62 100
 64 31.0 23.0 42.8



#6
 Bromomethane
 Concen: 5.111 ug/L
 RT: 2.681 min Scan# 186
 Delta R.T. -0.012 min
 Lab File: VD077212.D
 Acq: 25 Sep 2023 10:55

Tgt Ion: 94 Resp: 24156
 Ion Ratio Lower Upper
 94 100
 96 83.1 67.8 125.8

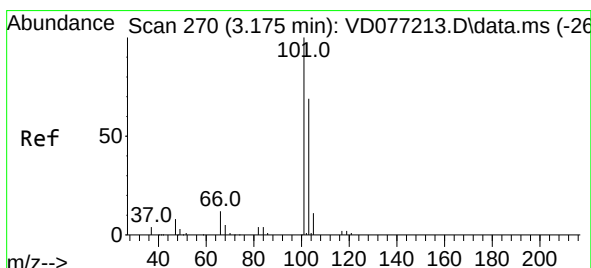
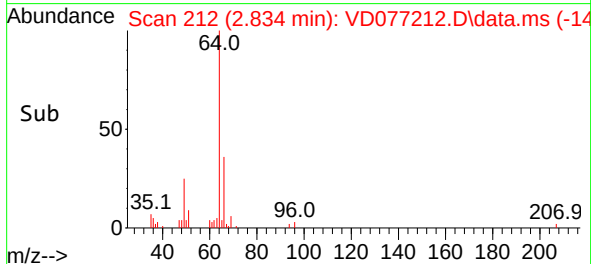
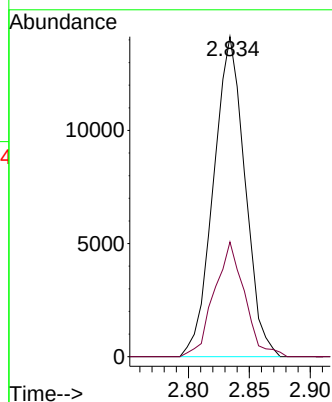
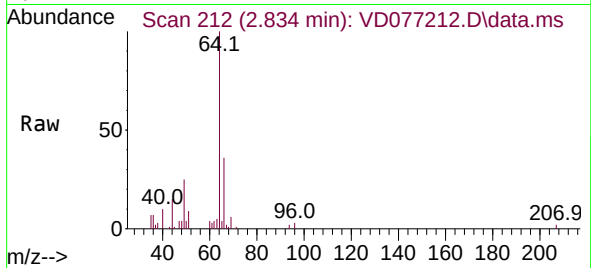




#8
Chloroethane
Concen: 5.555 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

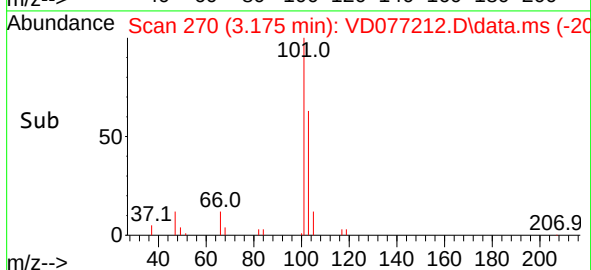
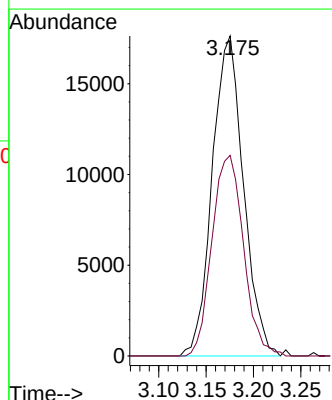
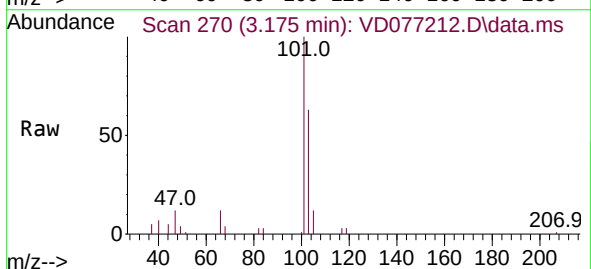
Instrument :
MSVOA_D
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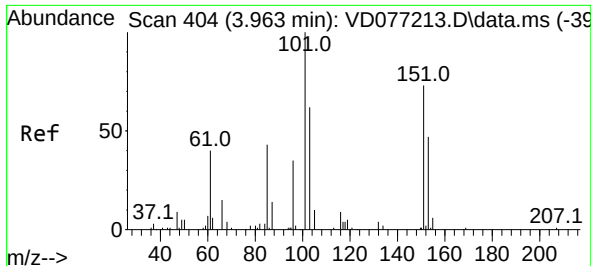
Tgt Ion: 64 Resp: 25466
Ion Ratio Lower Upper
64 100
66 35.8 20.8 38.6



#9
Trichlorofluoromethane
Concen: 6.089 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion:101 Resp: 40383
Ion Ratio Lower Upper
101 100
103 63.4 52.9 79.3

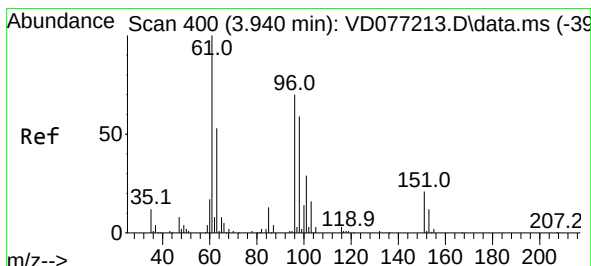
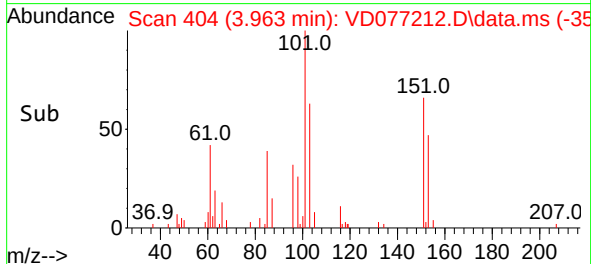
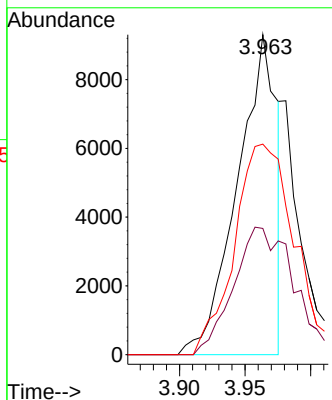
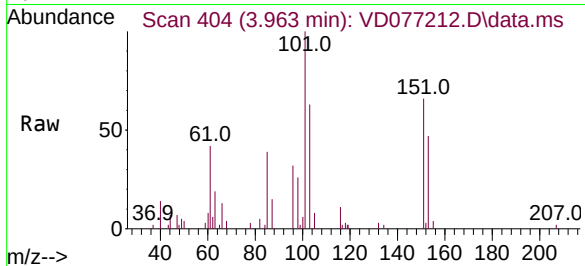




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.752 ug/L
 RT: 3.963 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD077212.D
 Acq: 25 Sep 2023 10:55

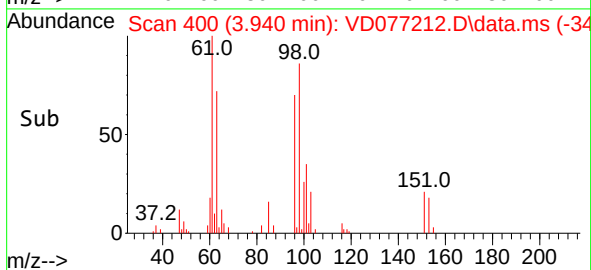
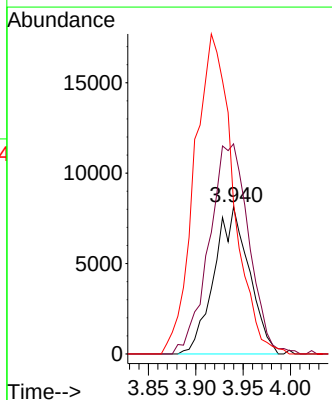
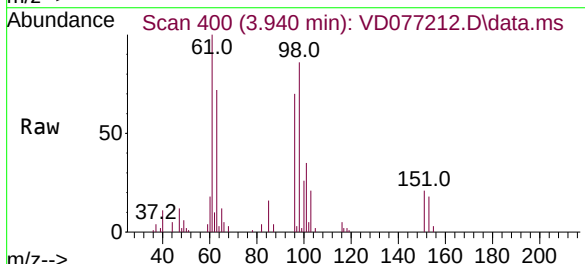
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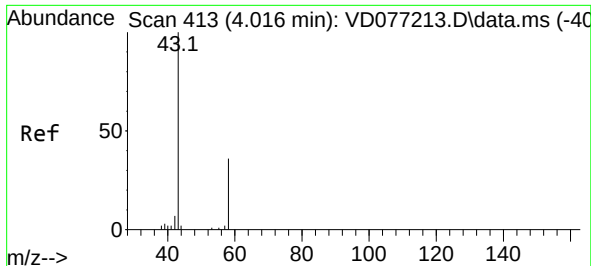
Tgt Ion:101 Resp: 19422
 Ion Ratio Lower Upper
 101 100
 85 37.9 35.3 52.9
 151 99.3 59.9 89.9#



#12
 1,1-Dichloroethene
 Concen: 5.660 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD077212.D
 Acq: 25 Sep 2023 10:55

Tgt Ion: 96 Resp: 20883
 Ion Ratio Lower Upper
 96 100
 61 142.8 102.1 189.5
 63 102.4 63.3 117.5





#13

Acetone

Concen: 9.730 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

Instrument :

MSVOA_D

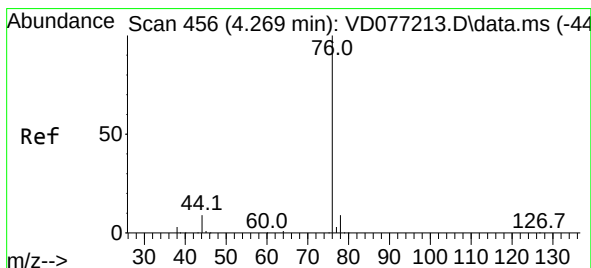
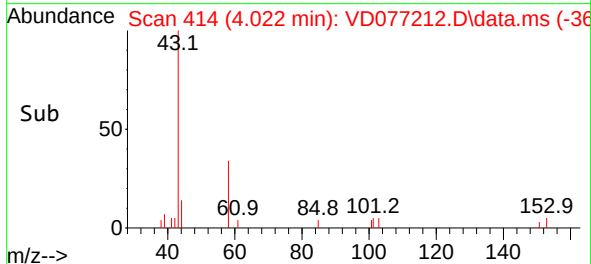
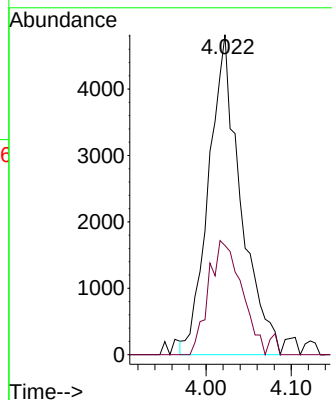
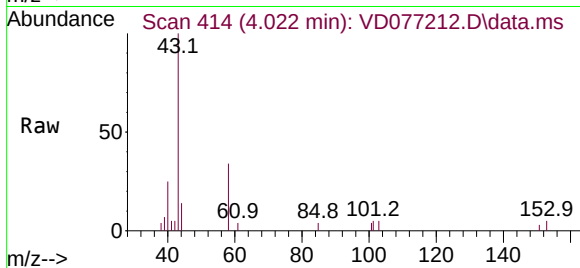
ClientSampleId :

Tgt Ion: 43 Resp: 12558

Ion Ratio Lower Upper

43 100

58 36.7 0.0 74.0



#14

Carbon disulfide

Concen: 4.543 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD077212.D

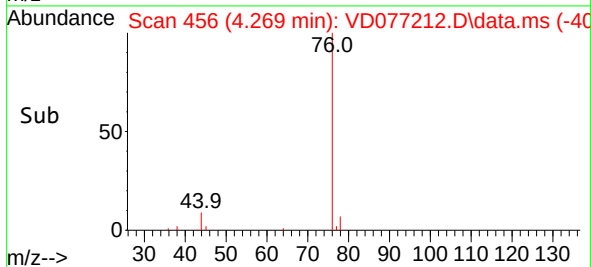
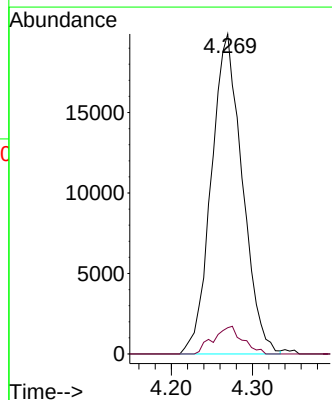
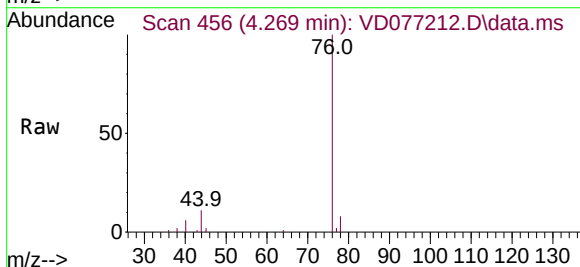
Acq: 25 Sep 2023 10:55

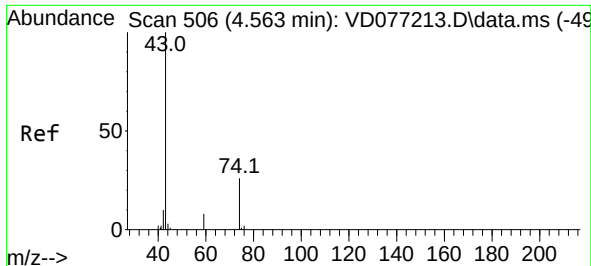
Tgt Ion: 76 Resp: 52830

Ion Ratio Lower Upper

76 100

78 8.2 7.5 11.3

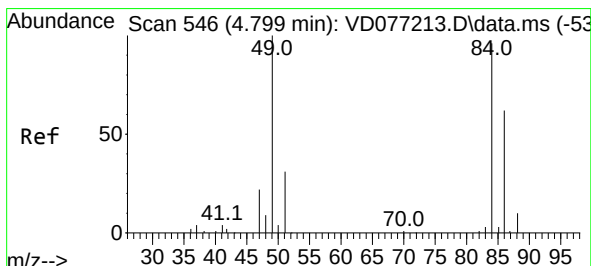
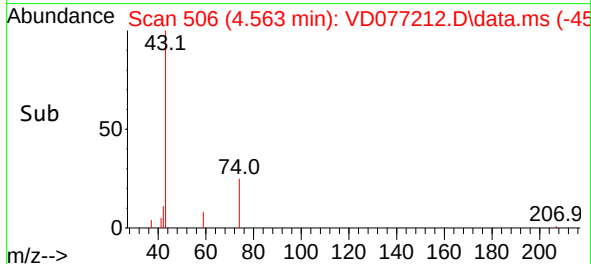
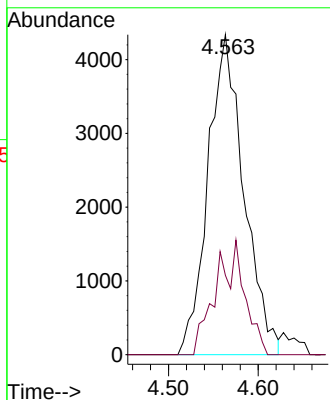
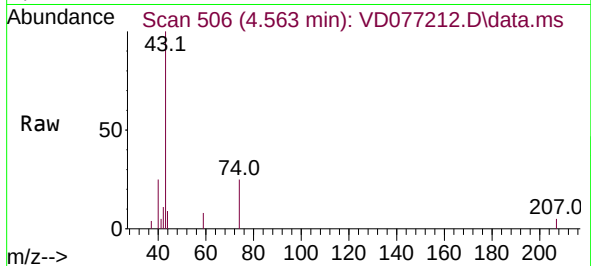




#15
Methyl Acetate
Concen: 6.897 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

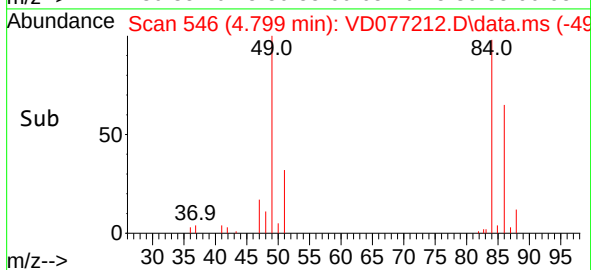
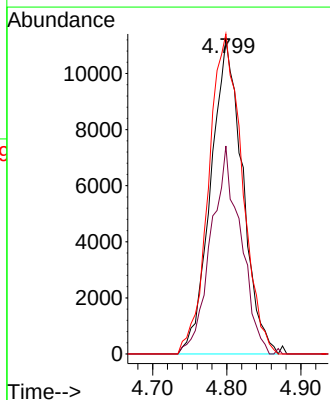
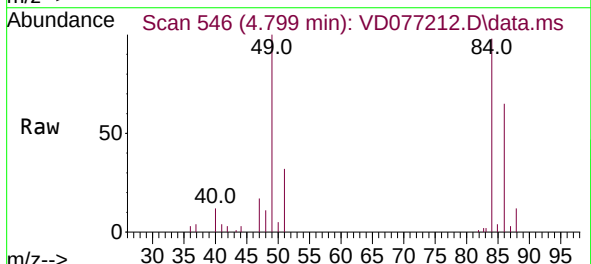
Instrument :
MSVOA_D
ClientSampleId :

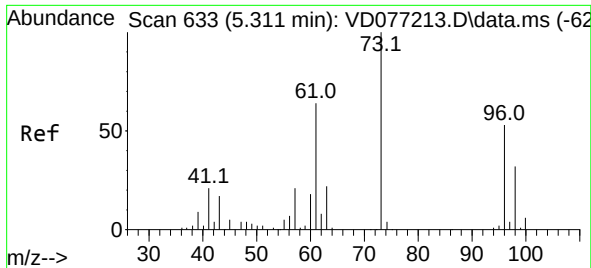
Tgt Ion: 43 Resp: 12067
Ion Ratio Lower Upper
43 100
74 16.4 22.5 33.7#



#16
Methylene chloride
Concen: 5.879 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion: 84 Resp: 33428
Ion Ratio Lower Upper
84 100
86 66.0 45.2 84.0
49 101.5 73.4 136.4

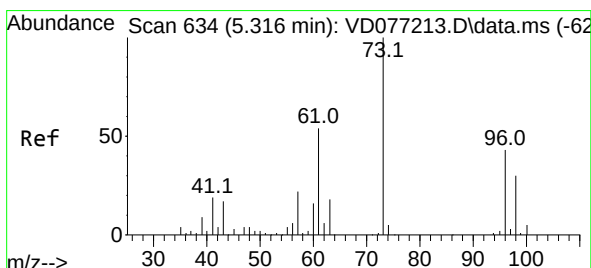
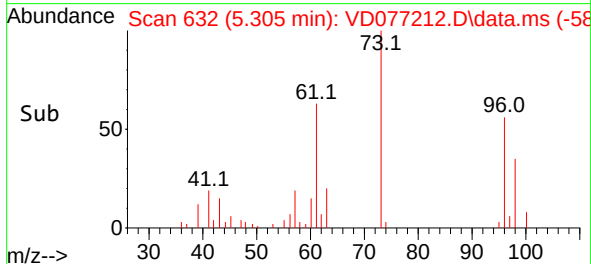
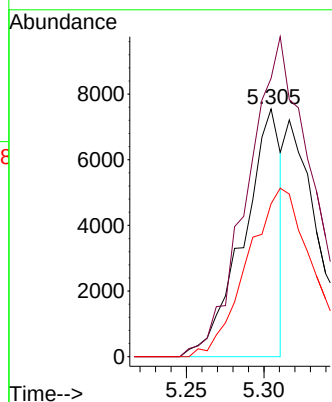
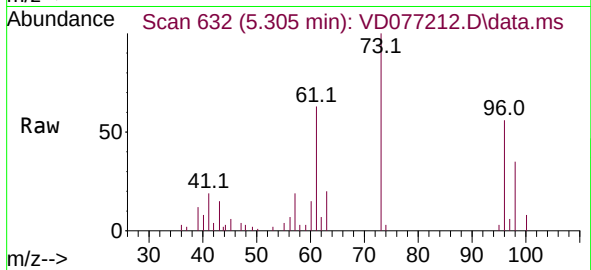




#17
trans-1,2-Dichloroethene
Concen: 3.117 ug/L
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

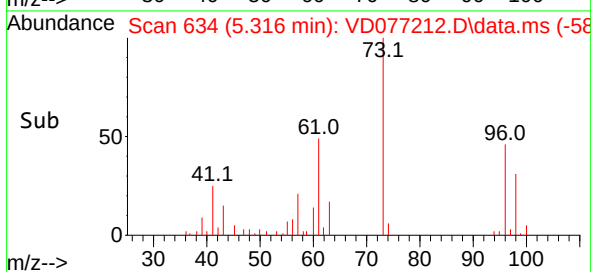
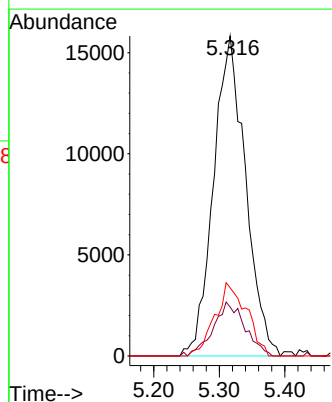
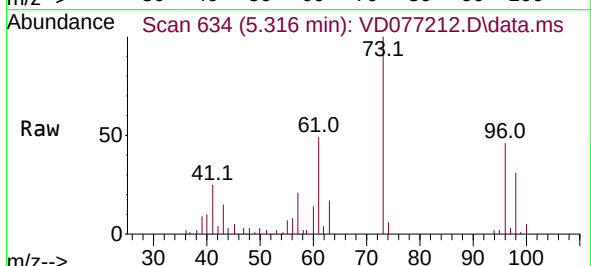
Instrument :
MSVOA_D
ClientSampleId :

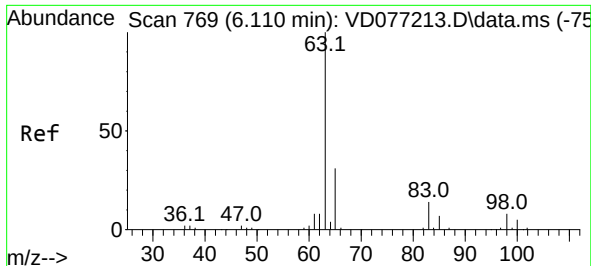
Tgt Ion: 96 Resp: 12747
Ion Ratio Lower Upper
96 100
61 112.4 84.1 156.3
98 61.8 42.0 78.0



#18
Methyl tert-butyl Ether
Concen: 5.944 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion: 73 Resp: 53668
Ion Ratio Lower Upper
73 100
43 10.7 12.7 19.1#
57 17.1 17.2 25.8#





#19

1,1-Dichloroethane

Concen: 6.724 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.000 min

Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

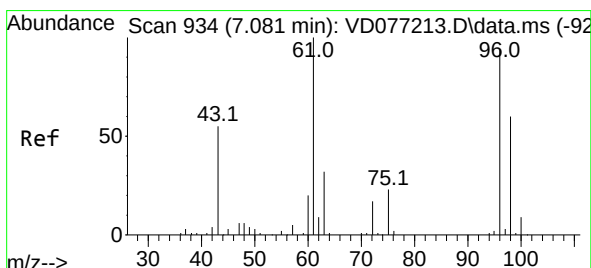
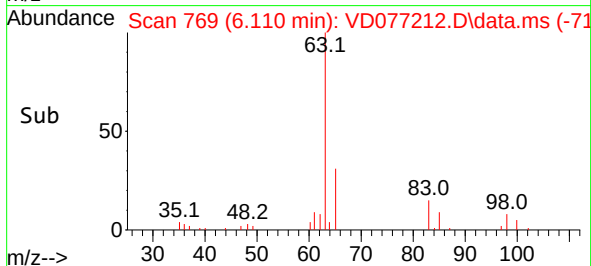
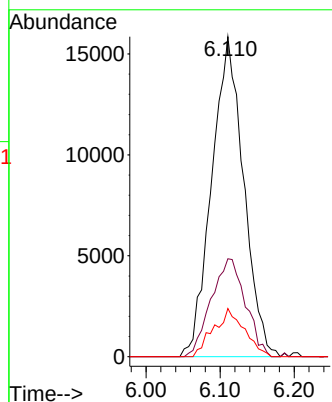
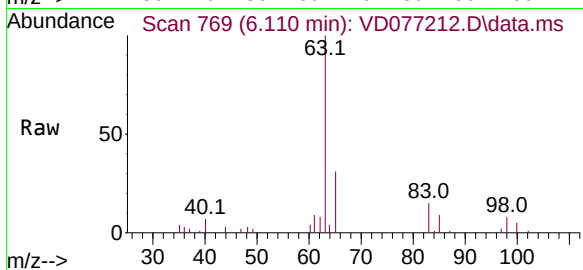
Tgt Ion: 63 Resp: 47422

Ion Ratio Lower Upper

63 100

65 30.6 21.9 40.7

83 15.0 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 5.832 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

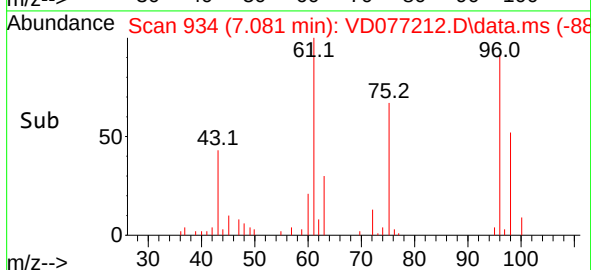
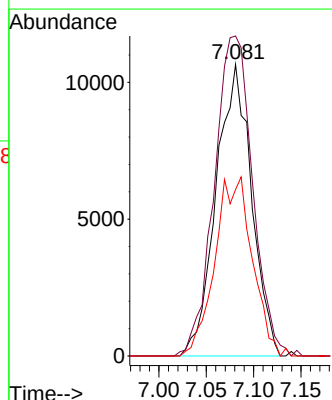
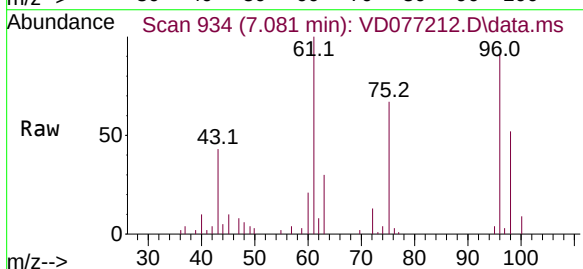
Tgt Ion: 96 Resp: 27672

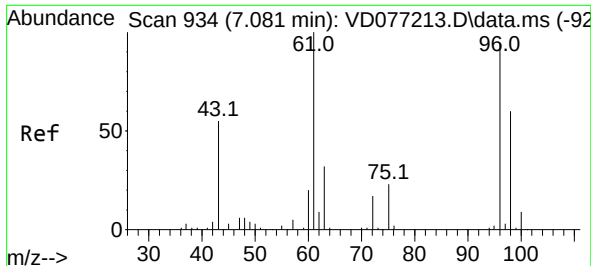
Ion Ratio Lower Upper

96 100

61 109.7 74.8 139.0

98 57.1 45.1 83.7

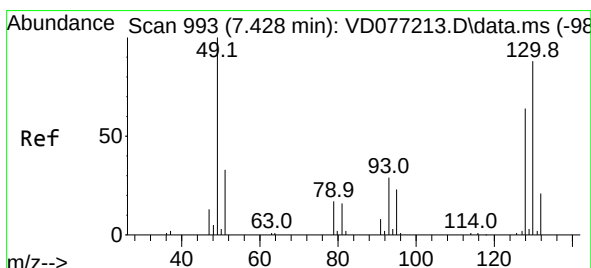
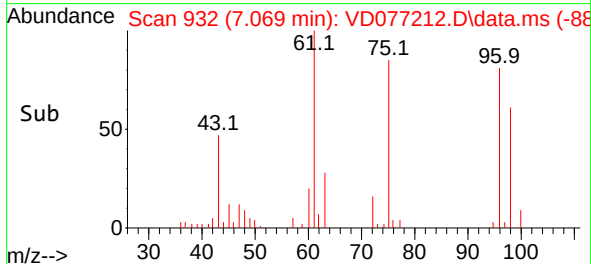
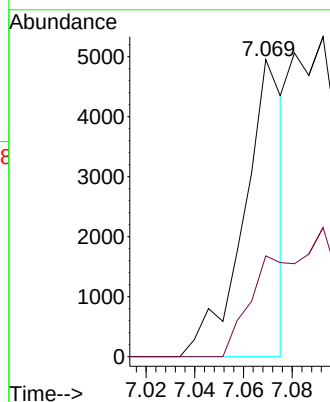
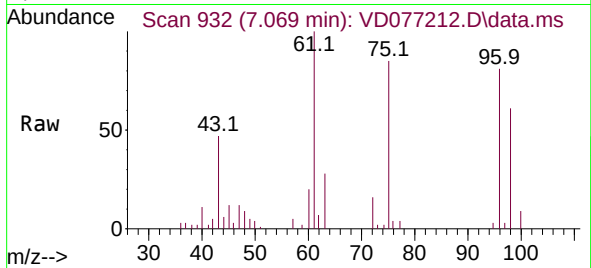




#22
2-Butanone
Concen: 3.610 ug/L
RT: 7.069 min Scan# 912
Delta R.T. -0.012 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

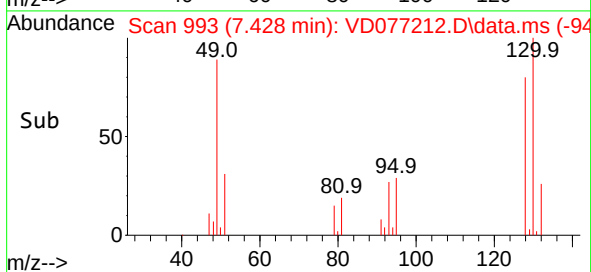
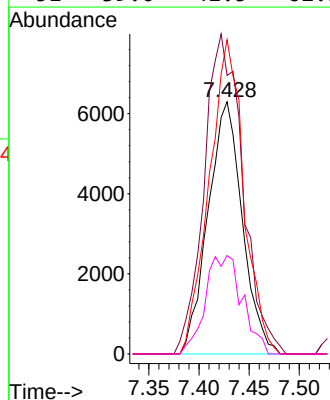
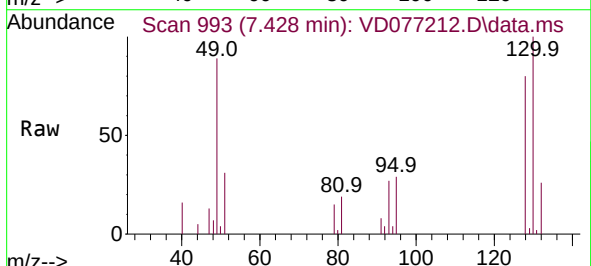
Instrument :
MSVOA_D
ClientSampleId :

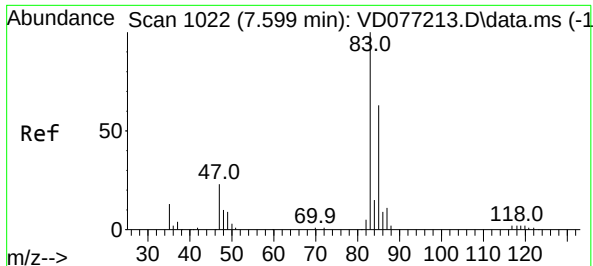
Tgt Ion: 43 Resp: 5571
Ion Ratio Lower Upper
43 100
72 40.0 15.4 46.4



#23
Bromochloromethane
Concen: 6.602 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion:128 Resp: 14962
Ion Ratio Lower Upper
128 100
49 110.5 109.4 203.2
130 124.7 97.1 180.3
51 39.0 41.5 62.3#





#25

Chloroform

Concen: 6.799 ug/L

RT: 7.604 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

Instrument :

MSVOA_D

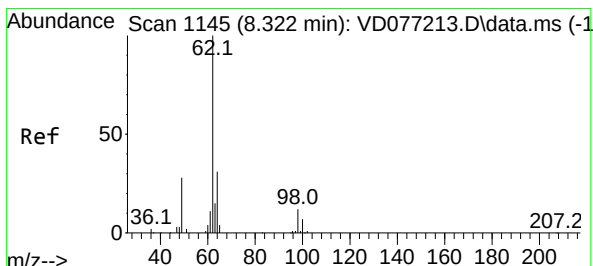
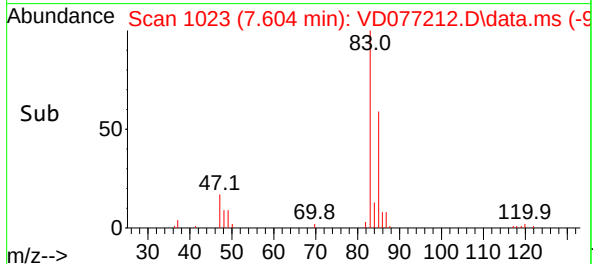
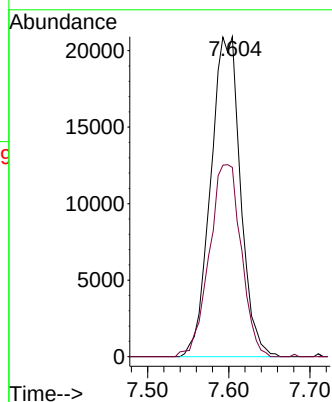
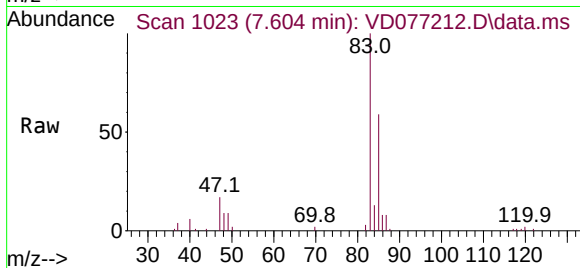
ClientSampleId :

Tgt Ion: 83 Resp: 53336

Ion Ratio Lower Upper

83 100

85 59.2 44.4 82.5



#27

1,2-Dichloroethane

Concen: 6.412 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD077212.D

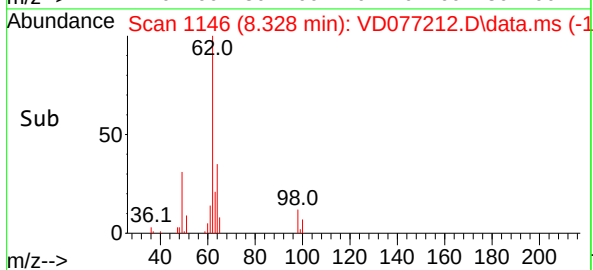
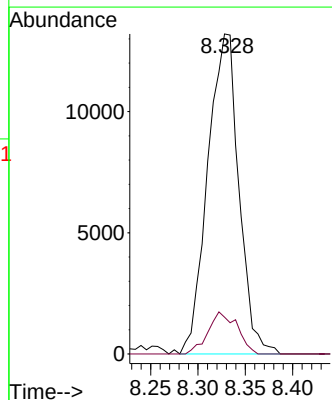
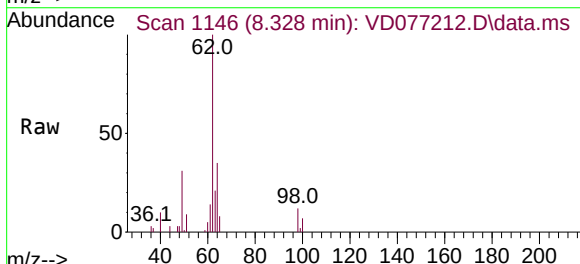
Acq: 25 Sep 2023 10:55

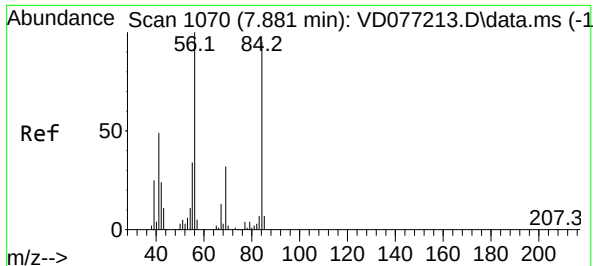
Tgt Ion: 62 Resp: 30201

Ion Ratio Lower Upper

62 100

98 11.5 9.4 14.0





#29

Cyclohexane

Concen: 5.068 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

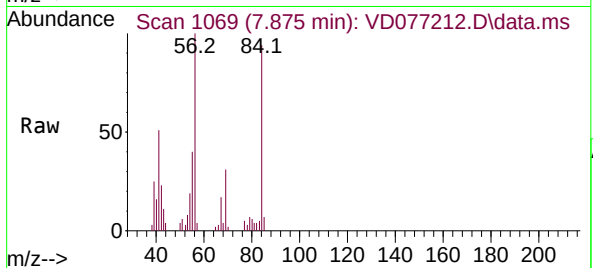
Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

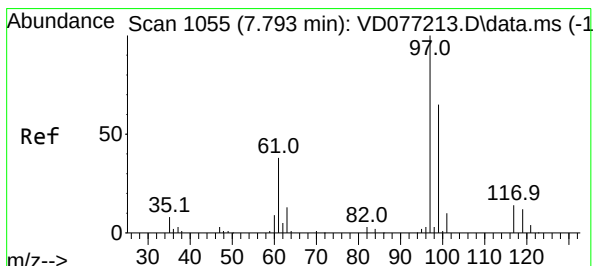
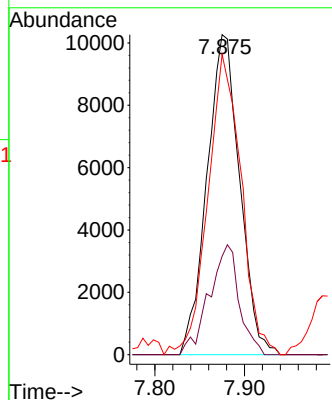
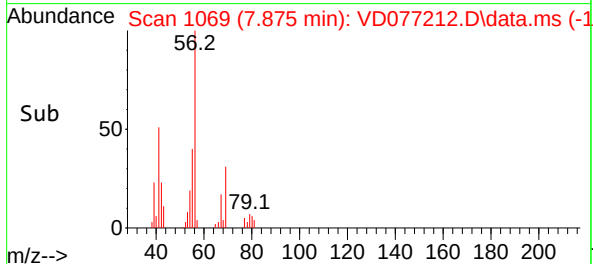
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	26056
Ion Ratio	Lower	Upper	
56	100		
69	29.6	25.4	38.0
84	94.3	80.6	120.8



#30

1,1,1-Trichloroethane

Concen: 6.337 ug/L

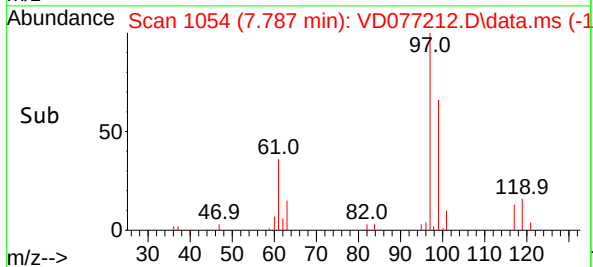
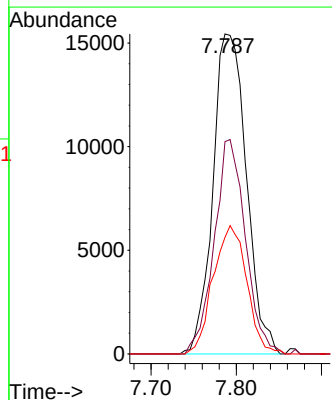
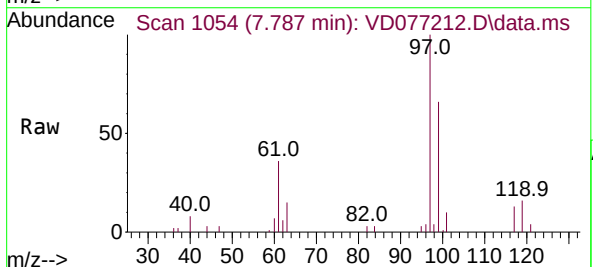
RT: 7.787 min Scan# 1054

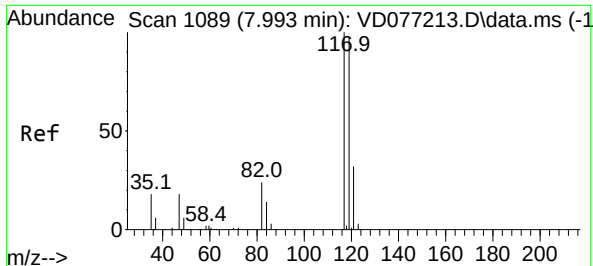
Delta R.T. -0.006 min

Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

Tgt Ion:	97	Resp:	42132
Ion Ratio	Lower	Upper	
97	100		
99	62.5	51.6	77.4
61	40.3	31.6	47.4

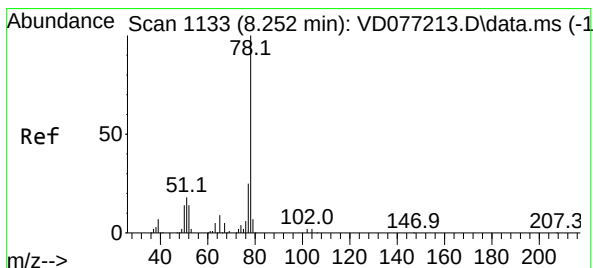
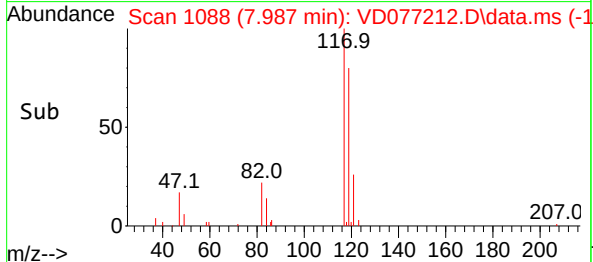
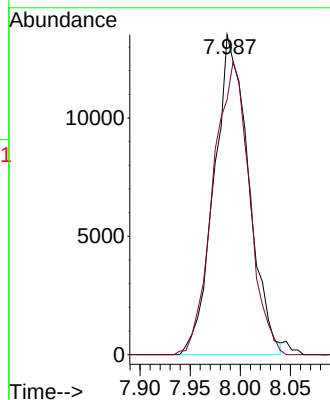
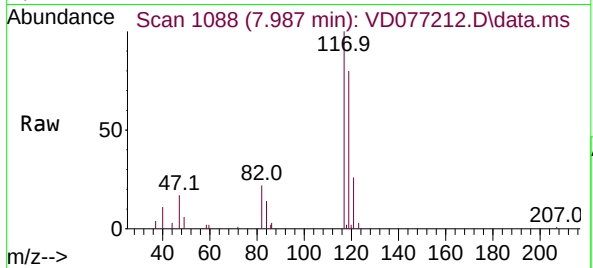




#31
Carbon tetrachloride
Concen: 5.817 ug/L
RT: 7.987 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

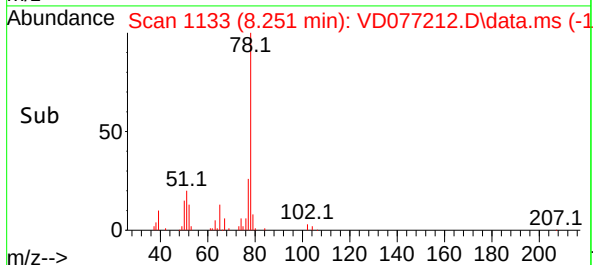
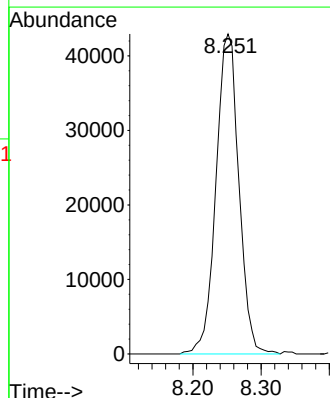
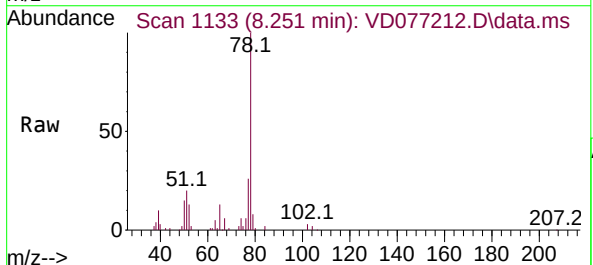
Instrument :
MSVOA_D
ClientSampleId :

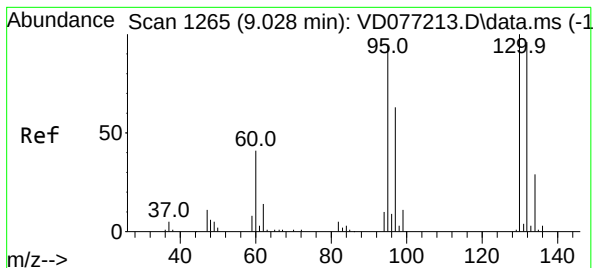
Tgt Ion:117 Resp: 32364
Ion Ratio Lower Upper
117 100
119 96.2 75.4 113.0



#33
Benzene
Concen: 5.853 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion: 78 Resp: 100357





#34

Trichloroethene

Concen: 6.051 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

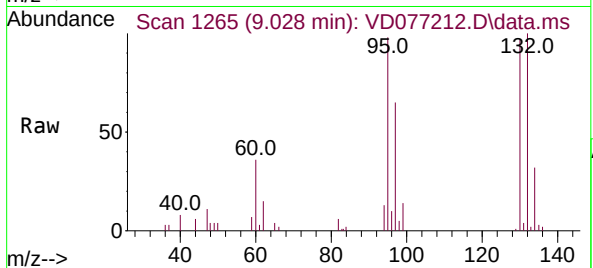
Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 27230

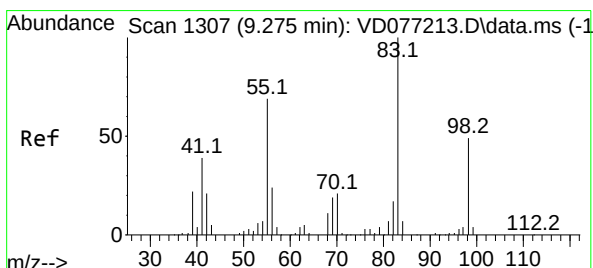
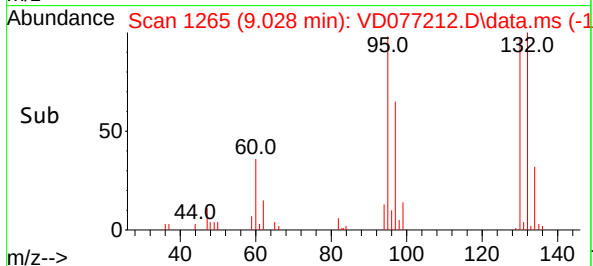
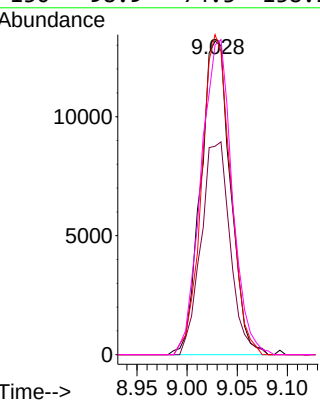
Ion Ratio Lower Upper

95 100

97 66.5 46.5 86.5

132 102.1 71.8 133.4

130 98.9 74.3 138.1



#35

Methylcyclohexane

Concen: 4.853 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

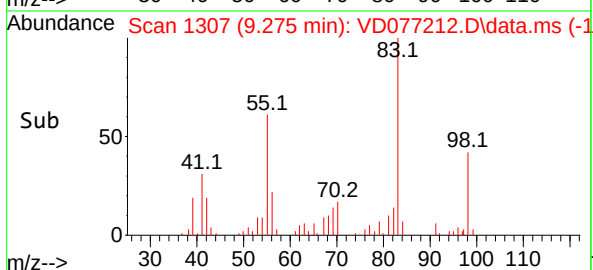
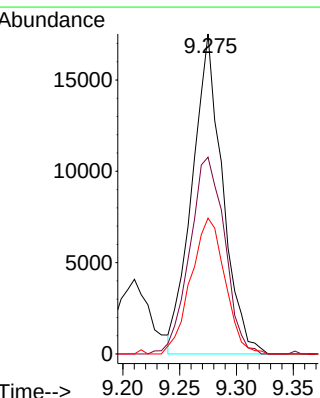
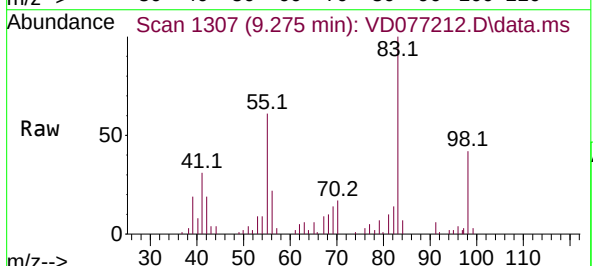
Tgt Ion: 83 Resp: 32664

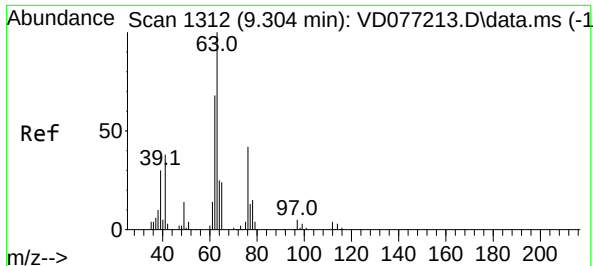
Ion Ratio Lower Upper

83 100

55 70.4 53.0 79.4

98 47.6 39.4 59.0





#37

1,2-Dichloropropane

Concen: 6.656 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

Instrument :

MSVOA_D

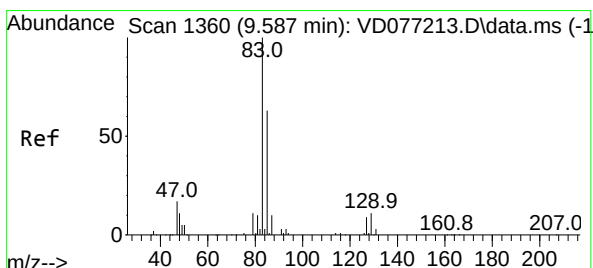
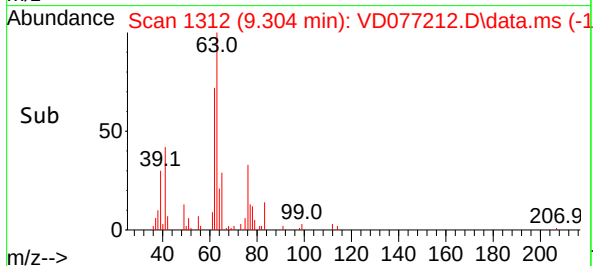
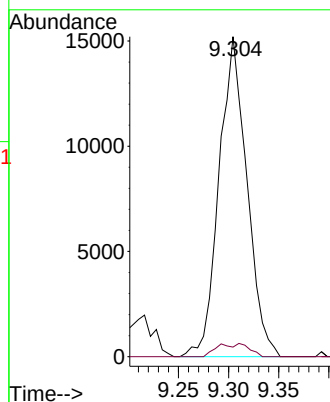
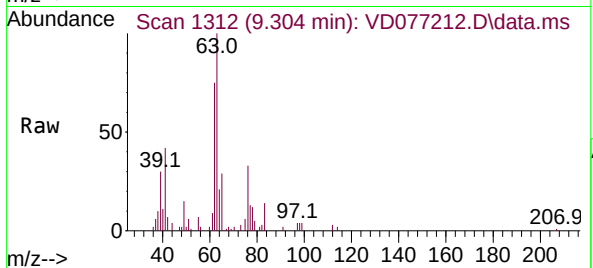
ClientSampleId :

Tgt Ion: 63 Resp: 29439

Ion Ratio Lower Upper

63 100

112 2.1 3.4 5.2#



#38

Bromodichloromethane

Concen: 6.401 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

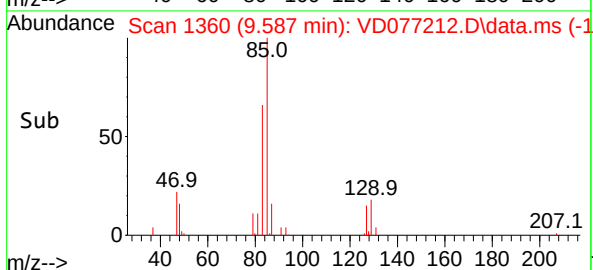
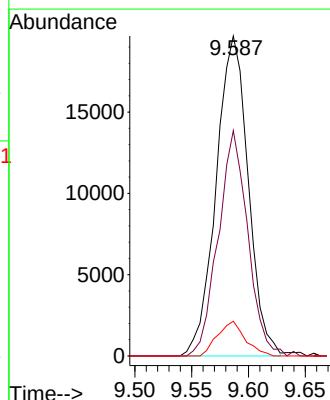
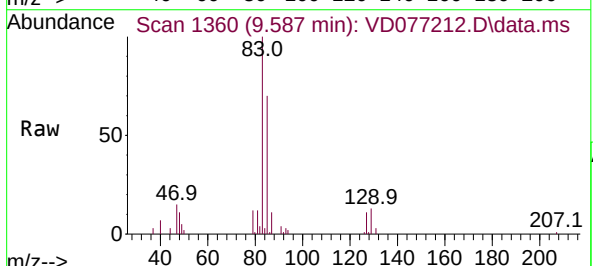
Tgt Ion: 83 Resp: 38665

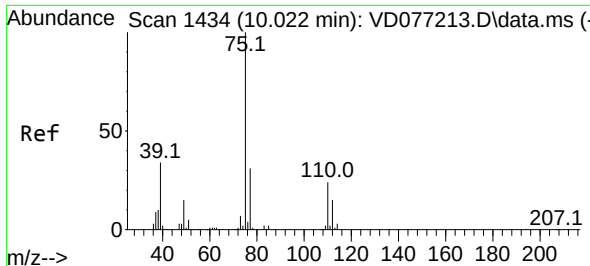
Ion Ratio Lower Upper

83 100

85 70.4 44.2 82.2

127 10.8 7.1 10.7#





#39

cis-1,3-Dichloropropene

Concen: 5.892 ug/L

RT: 10.016 min Scan# 14

Delta R.T. -0.006 min

Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

Instrument :

MSVOA_D

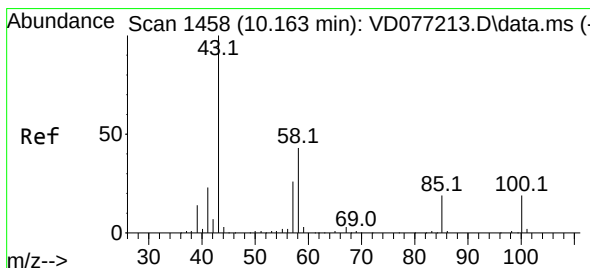
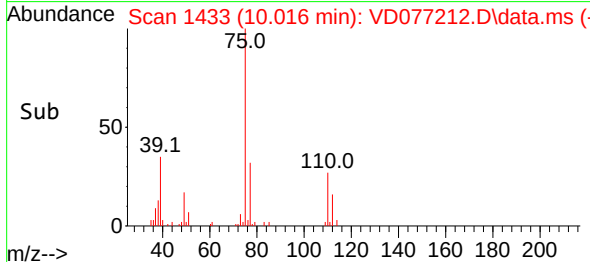
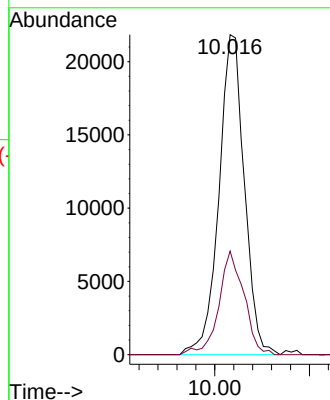
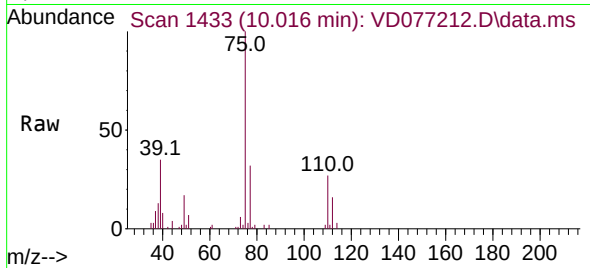
ClientSampleId :

Tgt Ion: 75 Resp: 40754

Ion Ratio Lower Upper

75 100

77 32.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 12.592 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

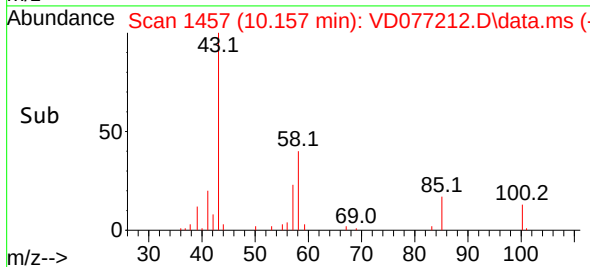
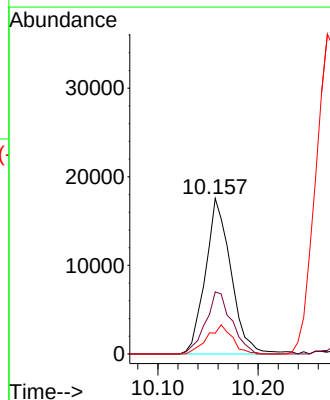
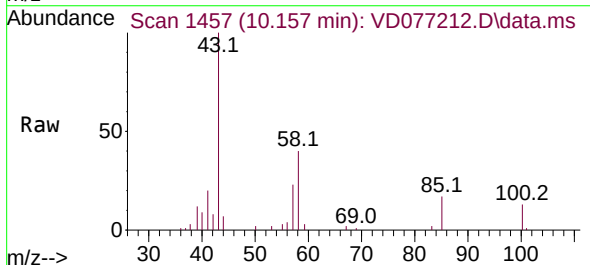
Tgt Ion: 43 Resp: 31061

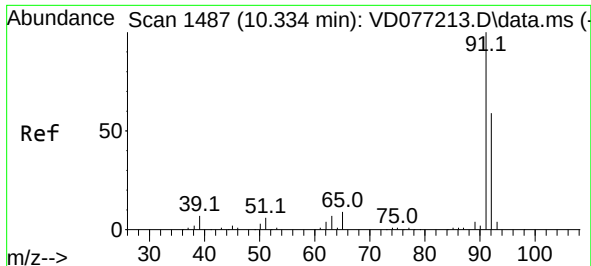
Ion Ratio Lower Upper

43 100

58 40.5 33.9 50.9

100 18.2 14.9 22.3

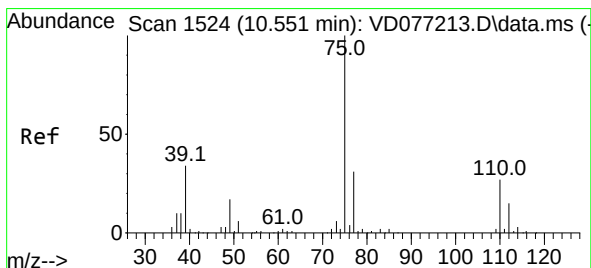
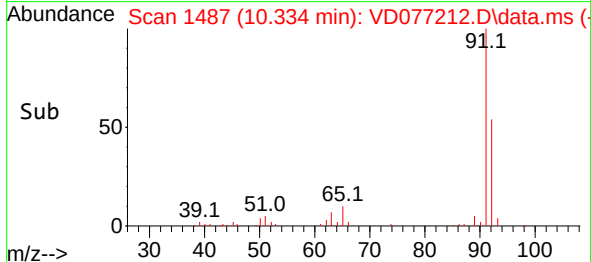
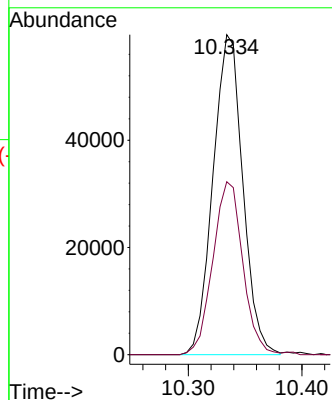
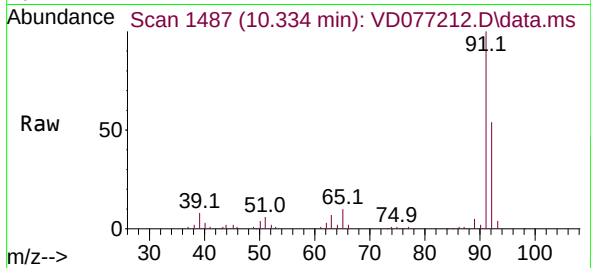




#42
Toluene
Concen: 5.847 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

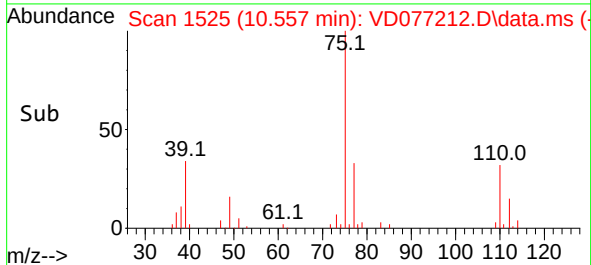
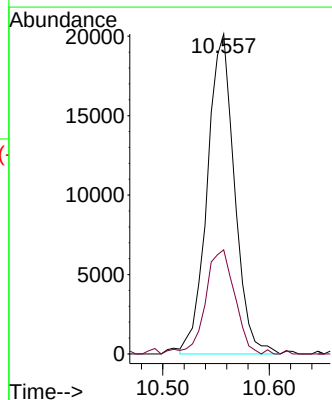
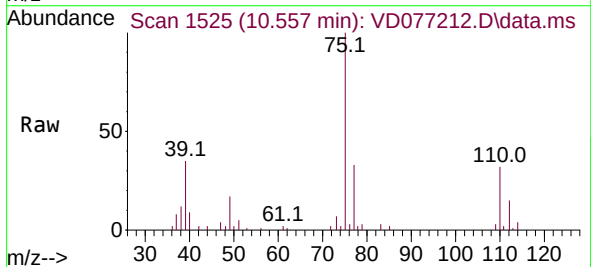
Instrument :
MSVOA_D
ClientSampleId :

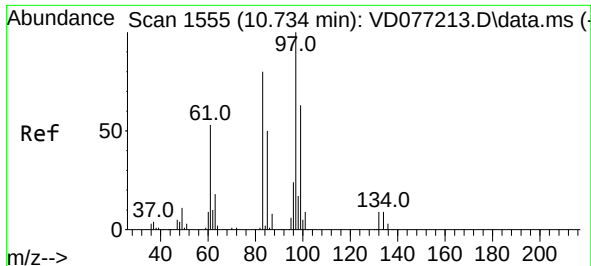
Tgt Ion: 91 Resp: 108699
Ion Ratio Lower Upper
91 100
92 54.1 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 6.020 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion: 75 Resp: 35738
Ion Ratio Lower Upper
75 100
77 32.5 22.1 41.1

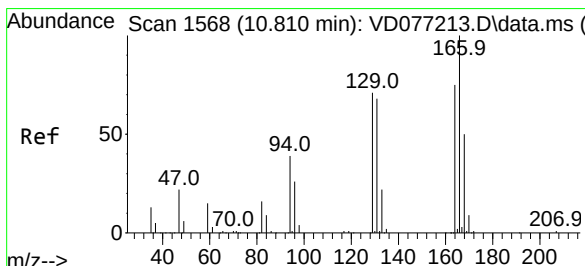
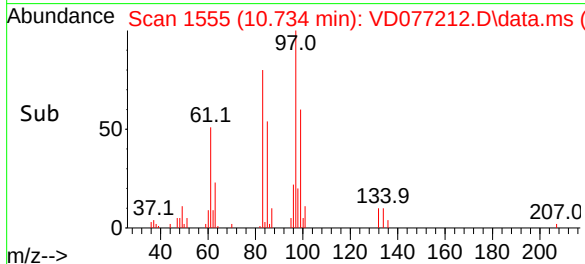
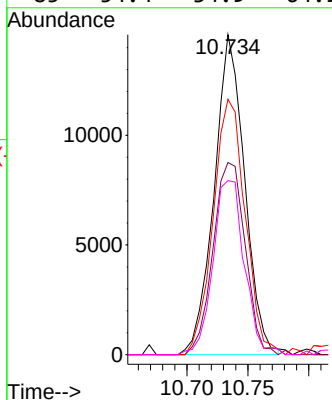
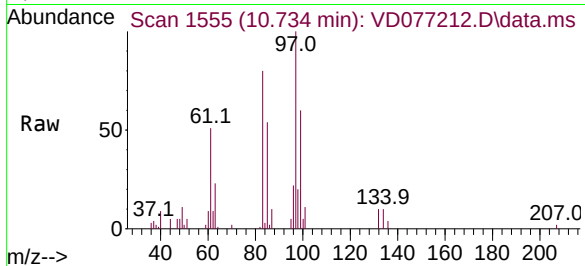




#45
1,1,2-Trichloroethane
Concen: 6.738 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

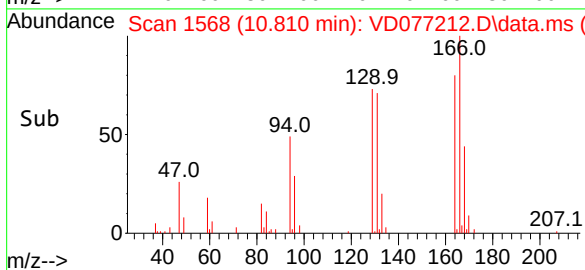
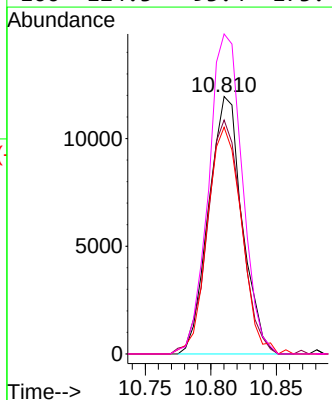
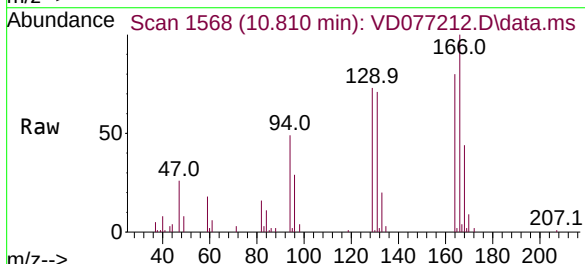
Instrument :
MSVOA_D
ClientSampleId :

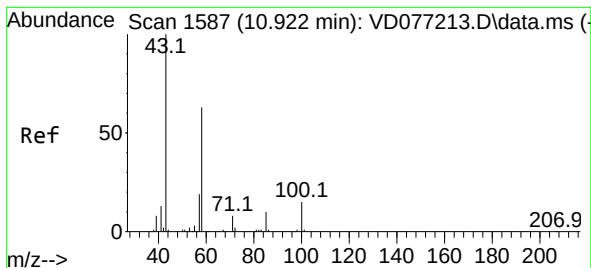
Tgt Ion: 97	Resp: 25371
Ion Ratio	Lower Upper
97 100	
99 60.1	44.2 82.0
83 79.8	56.4 104.7
85 54.4	34.9 64.9



#46
Tetrachloroethene
Concen: 5.818 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion:164	Resp: 21286
Ion Ratio	Lower Upper
164 100	
129 90.8	66.1 122.8
131 88.1	63.5 117.9
166 124.3	93.4 173.4





#48

2-Hexanone

Concen: 11.841 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

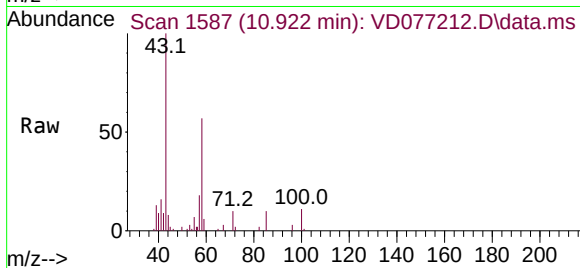
Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 22602

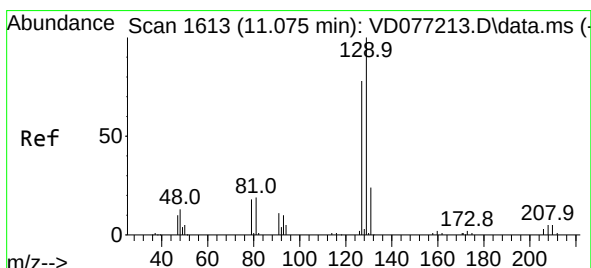
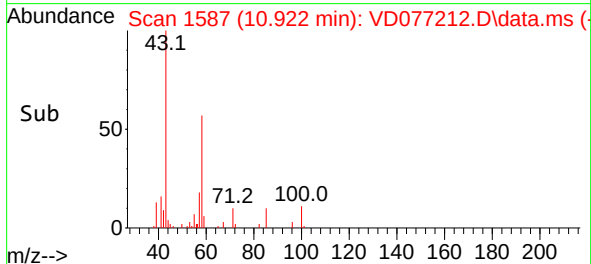
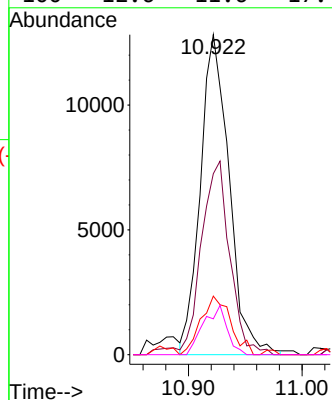
Ion Ratio Lower Upper

43 100

58 58.9 47.8 71.8

57 18.9 15.6 23.4

100 12.6 11.6 17.4



#49

Dibromochloromethane

Concen: 6.454 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD077212.D

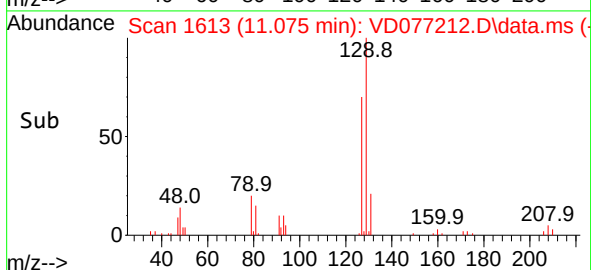
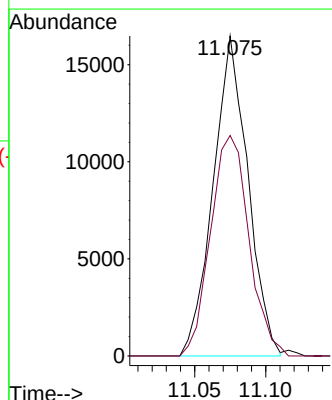
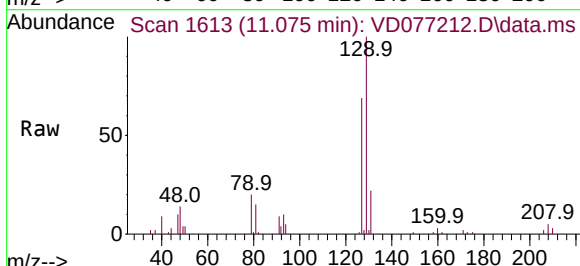
Acq: 25 Sep 2023 10:55

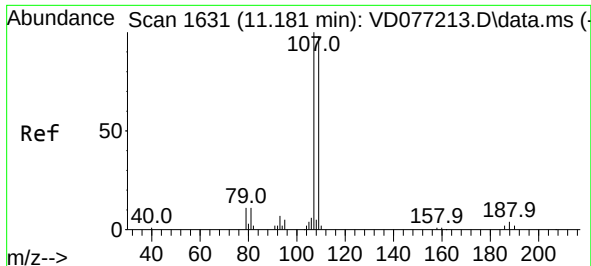
Tgt Ion: 129 Resp: 27995

Ion Ratio Lower Upper

129 100

127 68.9 54.5 101.1

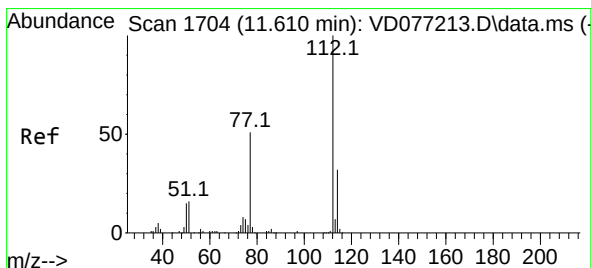
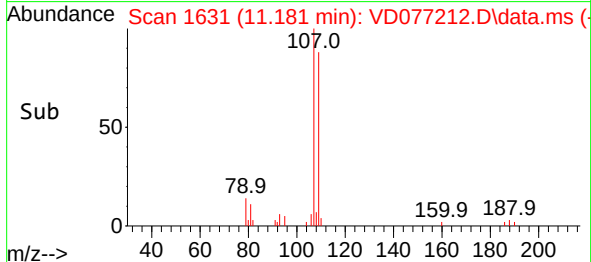
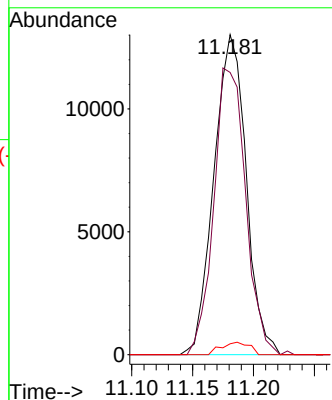
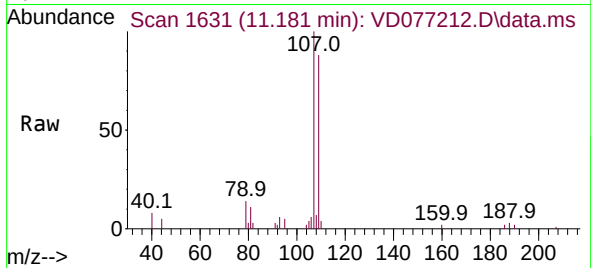




#50
1,2-Dibromoethane
Concen: 6.588 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

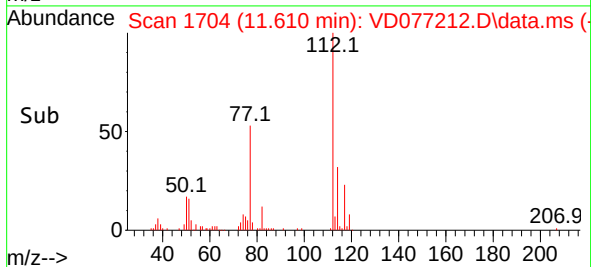
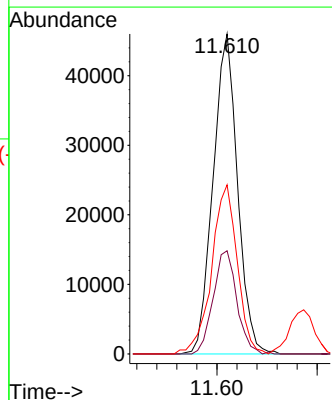
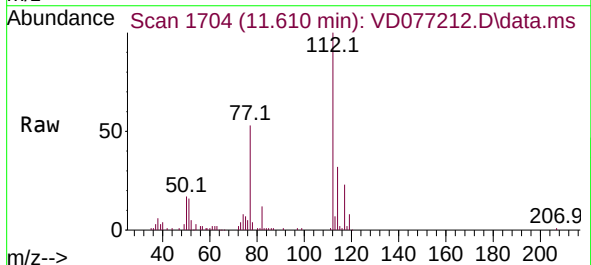
Instrument :
MSVOA_D
ClientSampleId :

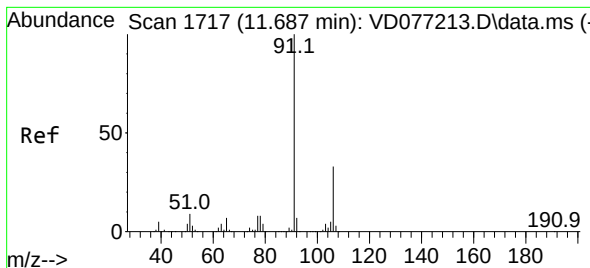
Tgt Ion:107 Resp: 23972
Ion Ratio Lower Upper
107 100
109 88.2 68.8 127.8
188 3.4 3.0 4.6



#51
Chlorobenzene
Concen: 6.273 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion:112 Resp: 77852
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.1
77 52.8 40.8 61.2





#52

Ethylbenzene

Concen: 5.559 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

Instrument :

MSVOA_D

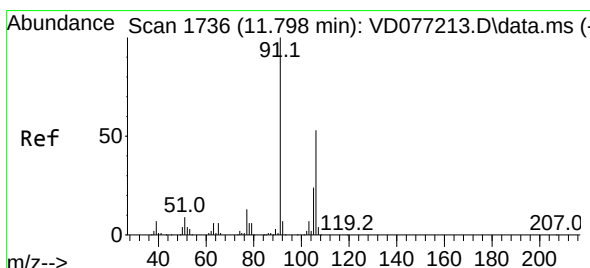
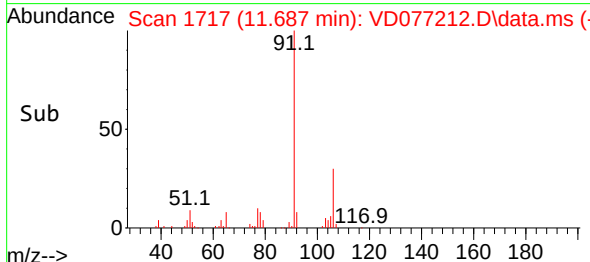
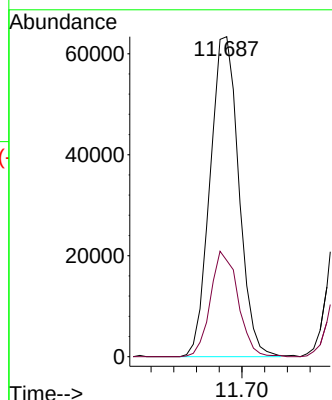
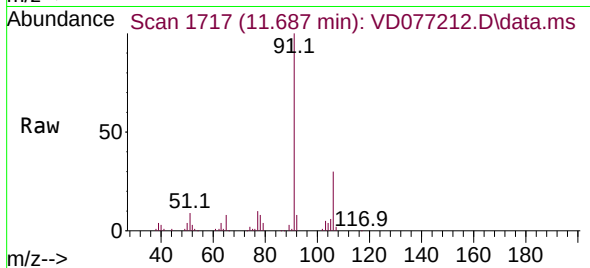
ClientSampleId :

Tgt Ion: 91 Resp: 111463

Ion Ratio Lower Upper

91 100

106 30.1 23.2 43.0



#53

m,p-Xylene

Concen: 5.564 ug/L

RT: 11.798 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VD077212.D

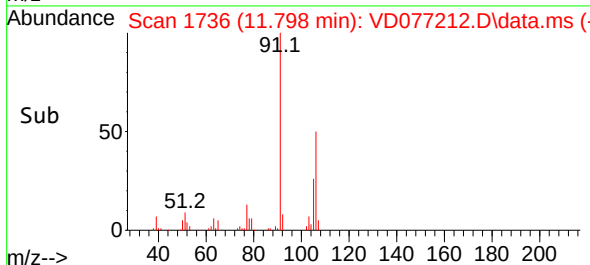
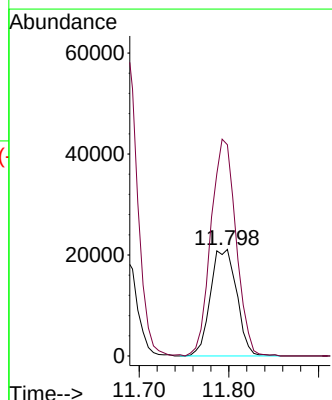
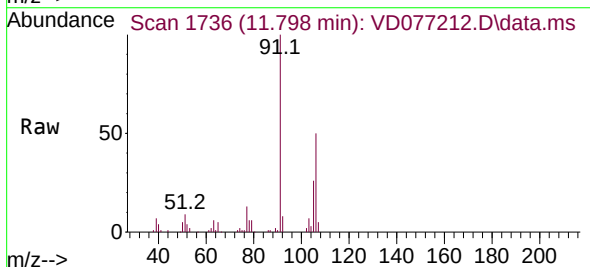
Acq: 25 Sep 2023 10:55

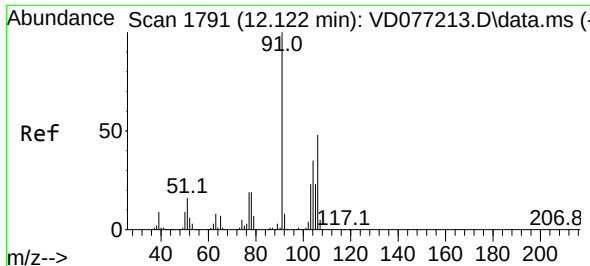
Tgt Ion:106 Resp: 43091

Ion Ratio Lower Upper

106 100

91 198.2 132.8 246.6

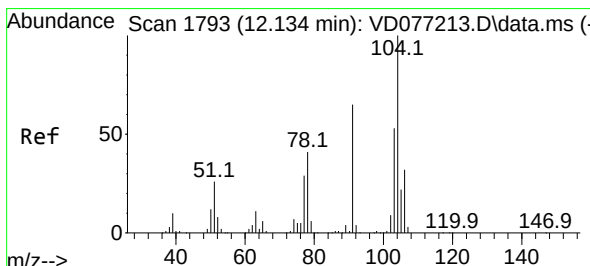
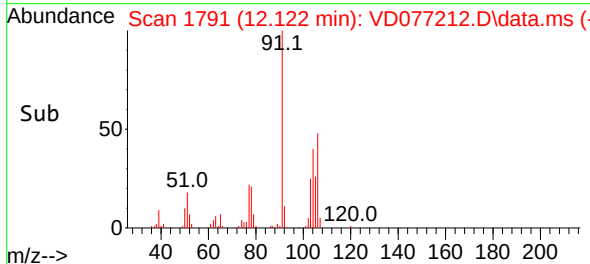
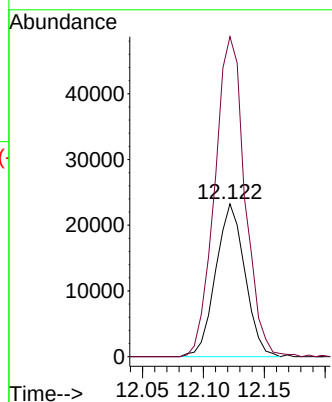
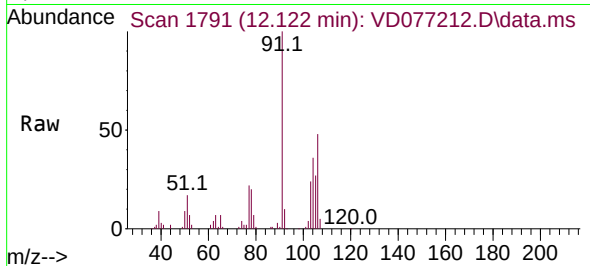




#54
o-Xylene
Concen: 5.196 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

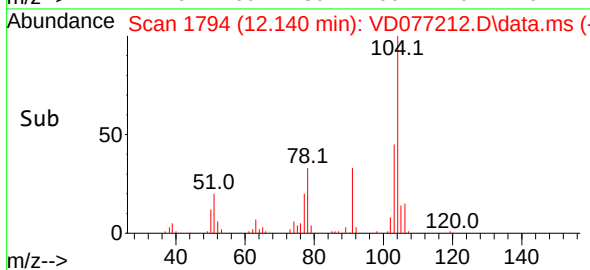
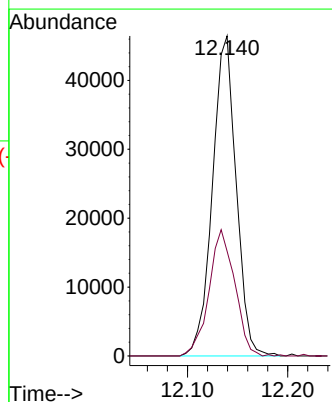
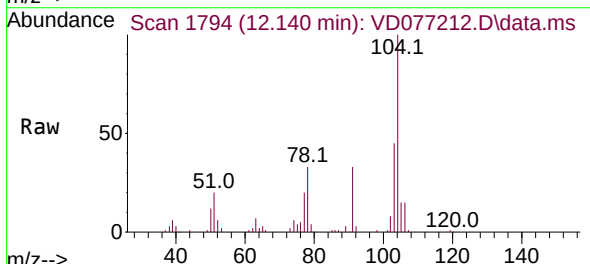
Instrument :
MSVOA_D
ClientSampleId :

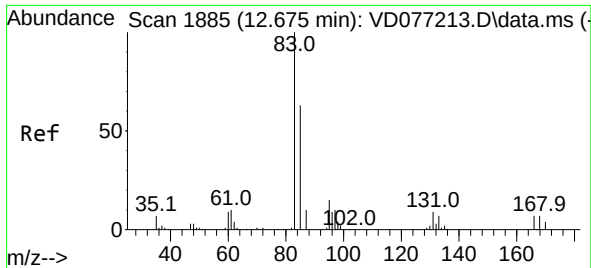
Tgt Ion:106 Resp: 38794
Ion Ratio Lower Upper
106 100
91 209.4 146.7 272.5



#55
Styrene
Concen: 5.676 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion:104 Resp: 76330
Ion Ratio Lower Upper
104 100
78 32.7 29.0 53.8

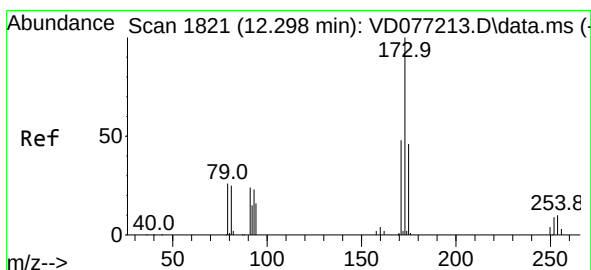
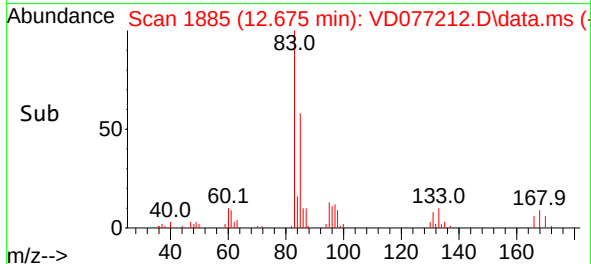
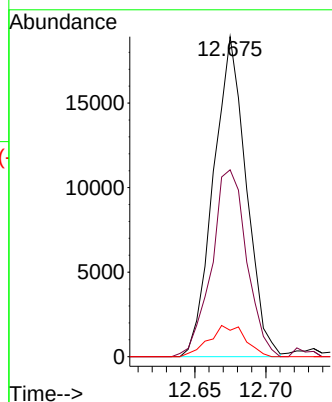
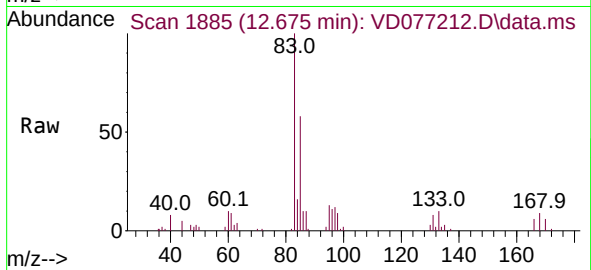




#57
1,1,2,2-Tetrachloroethane
Concen: 6.863 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

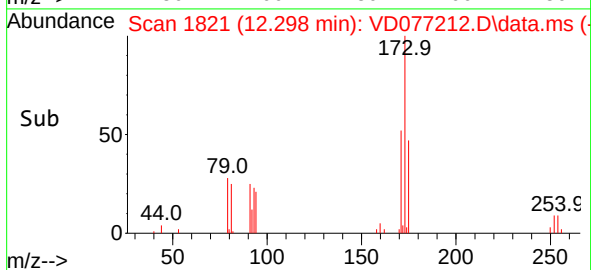
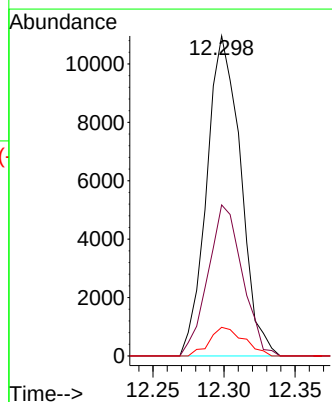
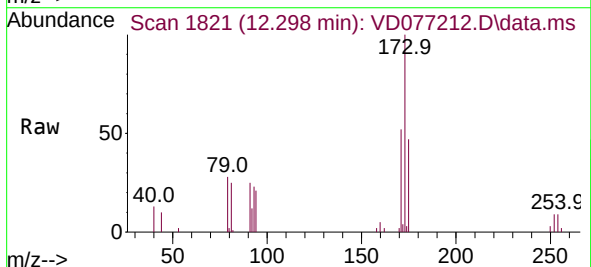
Instrument :
MSVOA_D
ClientSampleId :

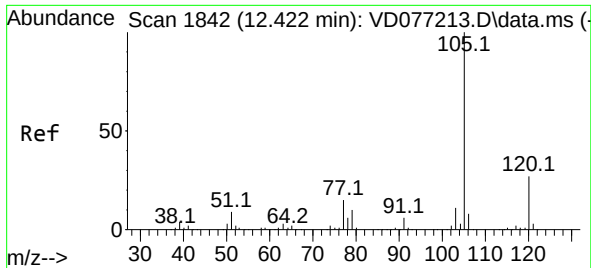
Tgt Ion: 83 Resp: 30370
Ion Ratio Lower Upper
83 100
85 58.4 44.0 81.8
131 8.3 7.7 11.5



#59
Bromoform
Concen: 6.915 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion: 173 Resp: 18169
Ion Ratio Lower Upper
173 100
175 48.1 39.5 59.3
254 9.1 7.1 10.7

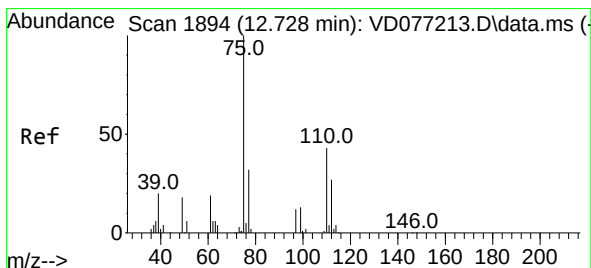
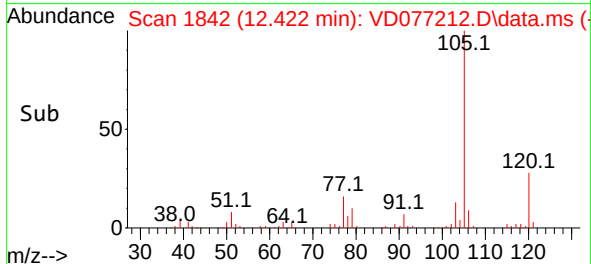
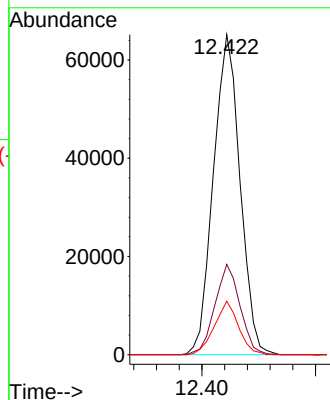
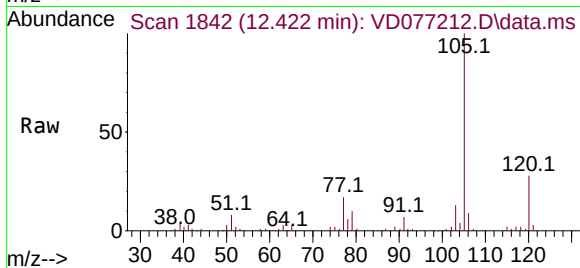




#60
Isopropylbenzene
Concen: 5.705 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

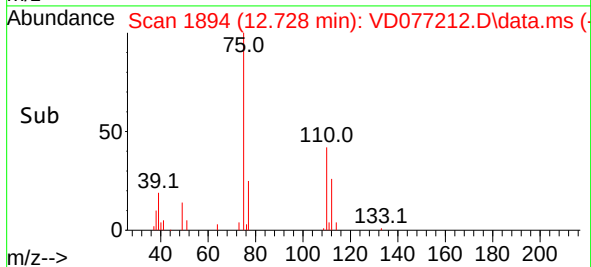
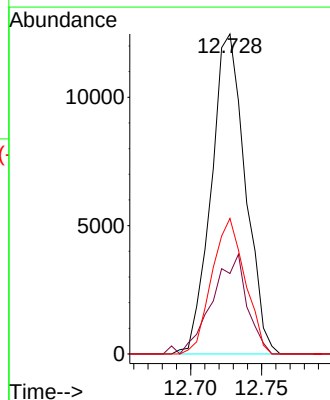
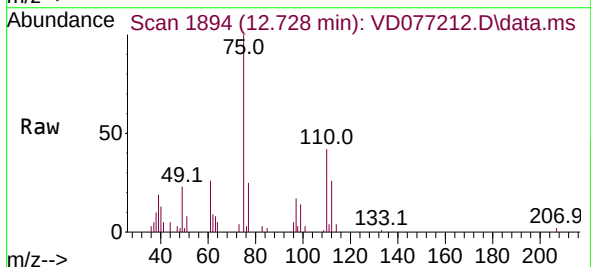
Instrument :
MSVOA_D
ClientSampleId :

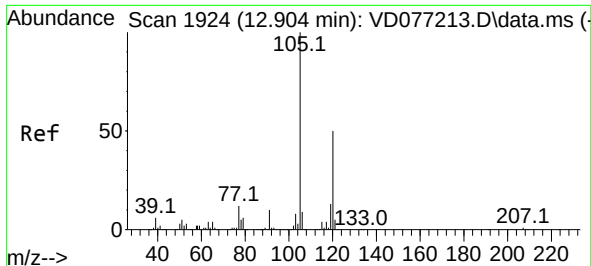
Tgt Ion:105 Resp: 106010
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.1 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 7.327 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion: 75 Resp: 20762
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
110 41.3 33.8 50.8

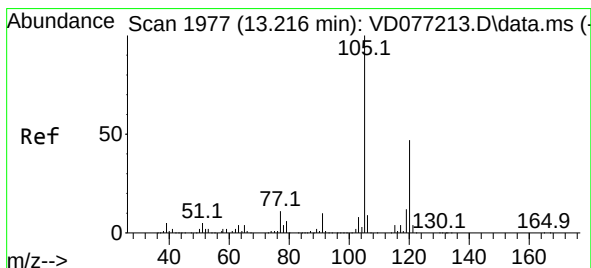
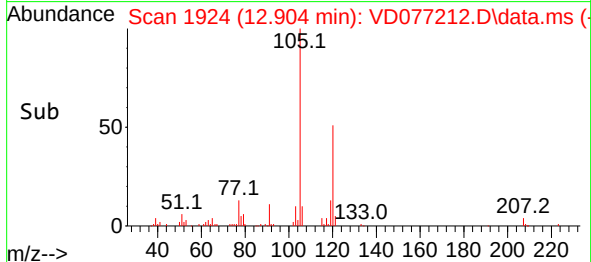
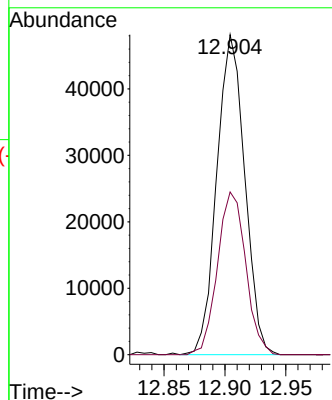
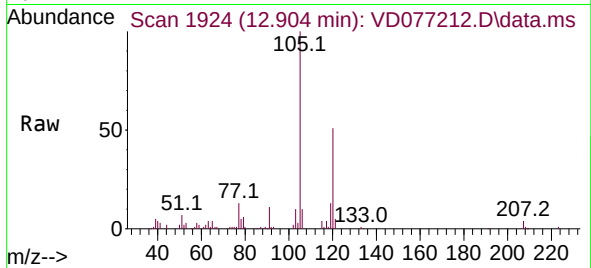




#62
1,3,5-Trimethylbenzene
Concen: 5.347 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

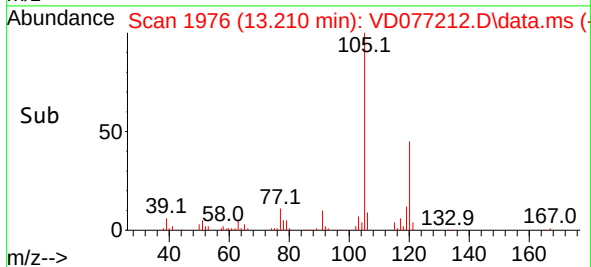
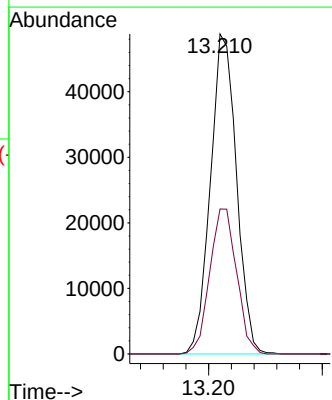
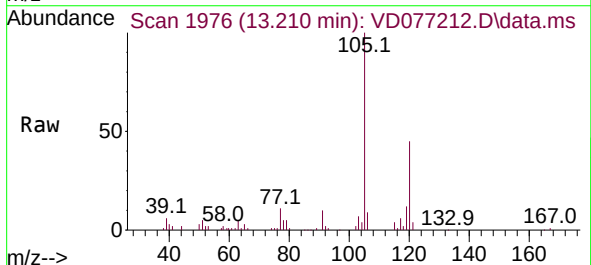
Instrument :
MSVOA_D
ClientSampleId :

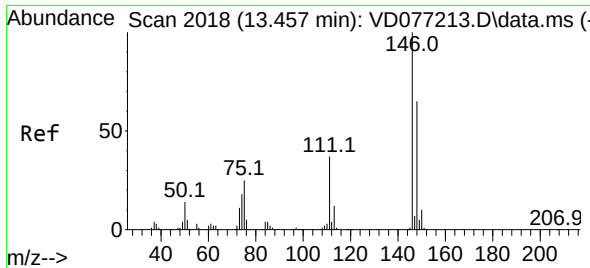
Tgt Ion:105 Resp: 76812
Ion Ratio Lower Upper
105 100
120 51.4 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.504 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion:105 Resp: 77794
Ion Ratio Lower Upper
105 100
120 46.7 37.6 56.4

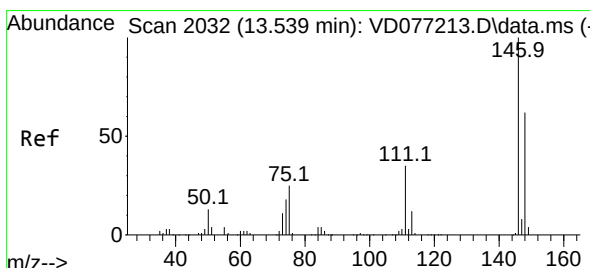
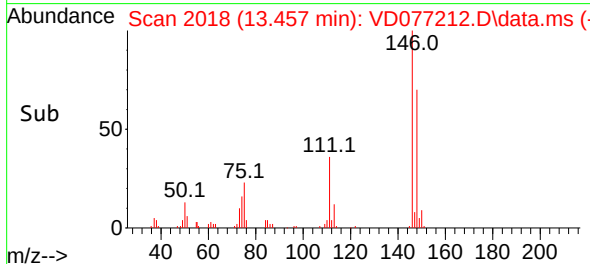
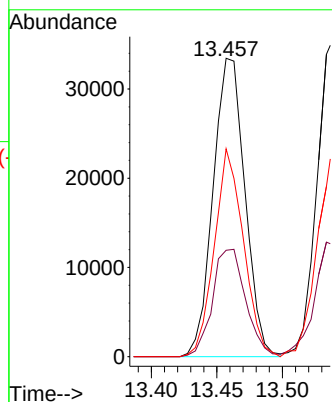
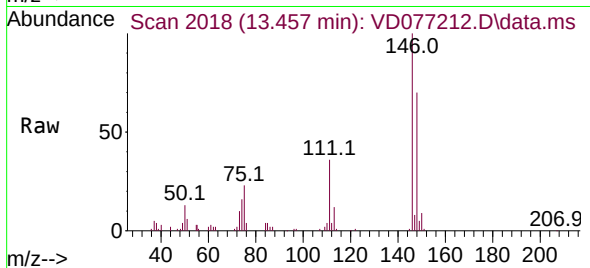




#64
1,3-Dichlorobenzene
Concen: 6.339 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

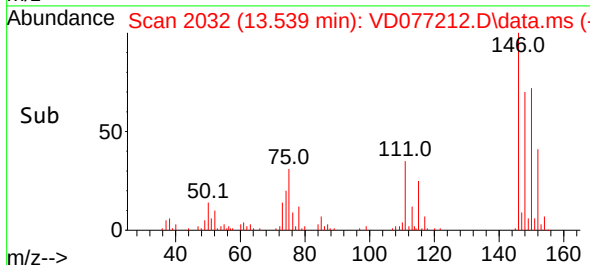
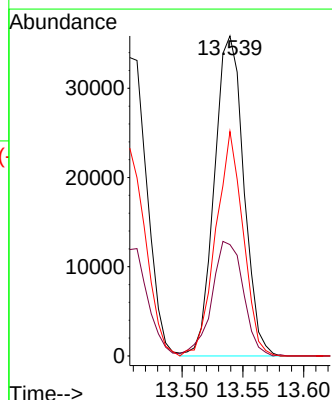
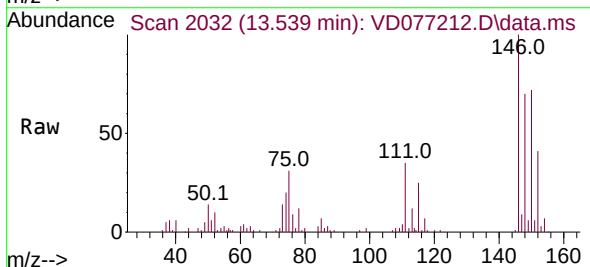
Instrument :
MSVOA_D
ClientSampleId :

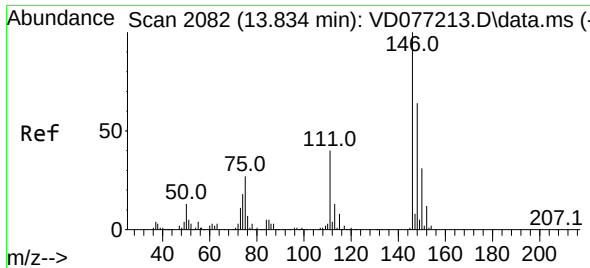
Tgt Ion:146 Resp: 56536
Ion Ratio Lower Upper
146 100
111 35.6 26.1 48.5
148 69.6 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 6.420 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion:146 Resp: 60134
Ion Ratio Lower Upper
146 100
111 34.8 24.6 45.8
148 70.2 43.5 80.7

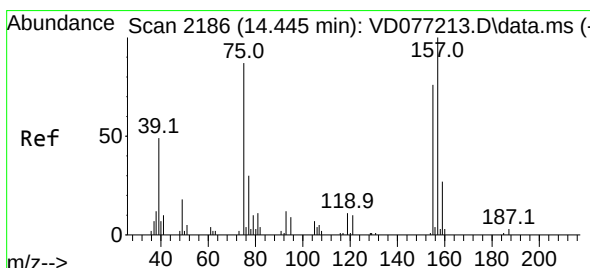
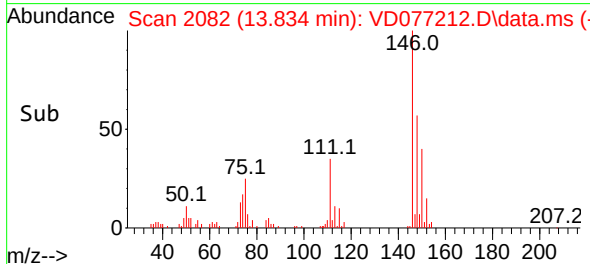
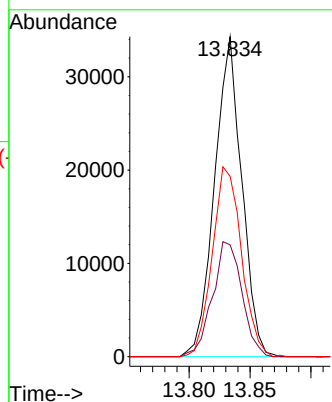
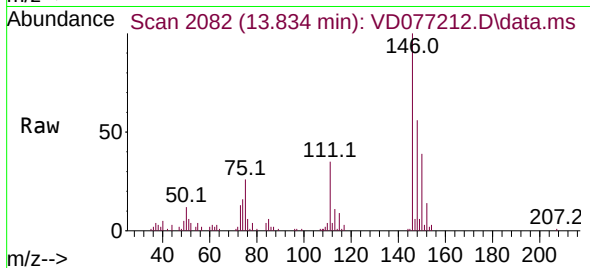




#67
1,2-Dichlorobenzene
Concen: 6.482 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

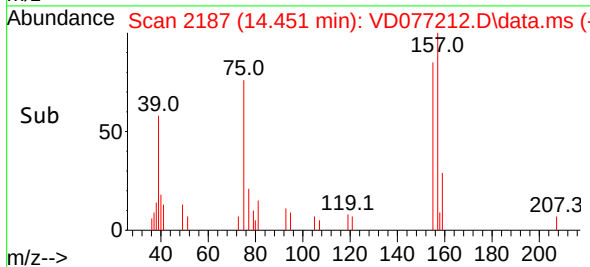
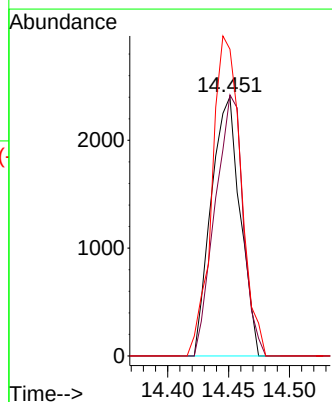
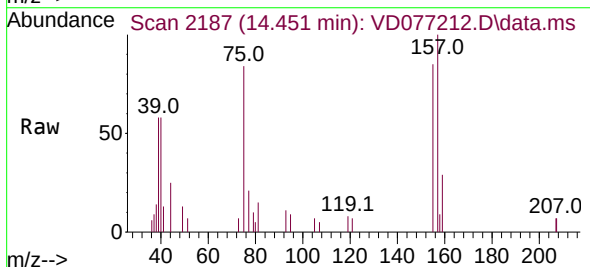
Instrument :
MSVOA_D
ClientSampleId :

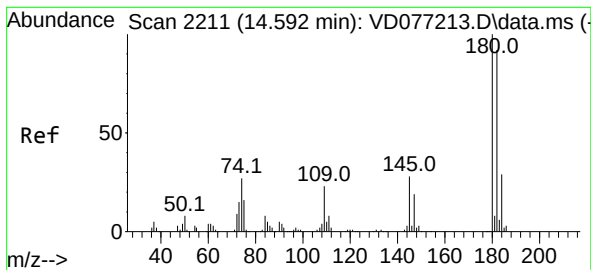
Tgt Ion:146 Resp: 53351
Ion Ratio Lower Upper
146 100
111 34.9 32.3 48.5
148 56.3 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 6.753 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion: 75 Resp: 3976
Ion Ratio Lower Upper
75 100
155 100.7 69.8 104.6
157 118.3 91.5 137.3





#69

1,3,5-Trichlorobenzene

Concen: 6.281 ug/L

RT: 14.598 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 37056

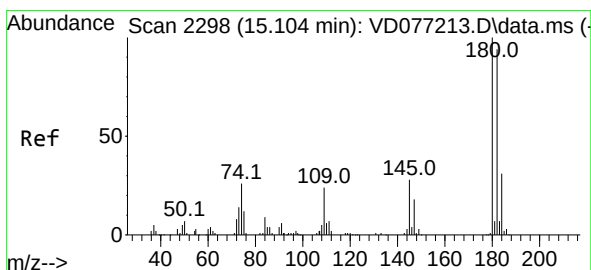
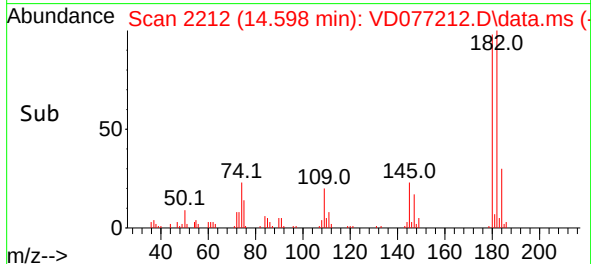
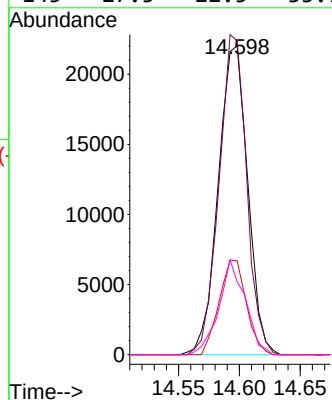
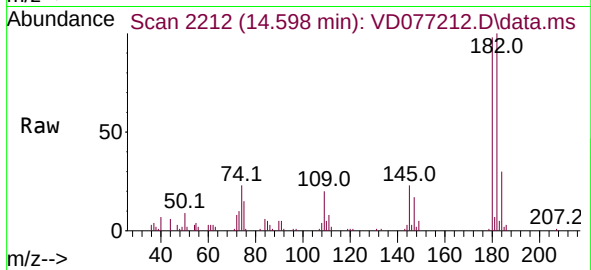
Ion Ratio Lower Upper

180 100

182 97.0 75.2 112.8

184 28.4 25.0 37.4

145 27.5 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 6.094 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD077212.D

Acq: 25 Sep 2023 10:55

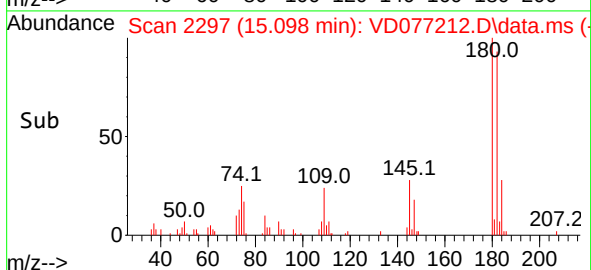
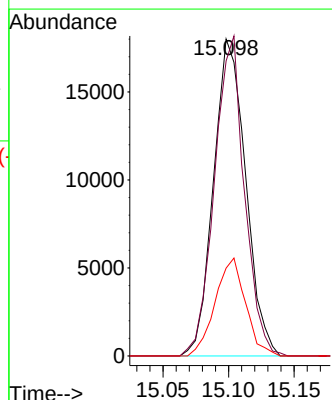
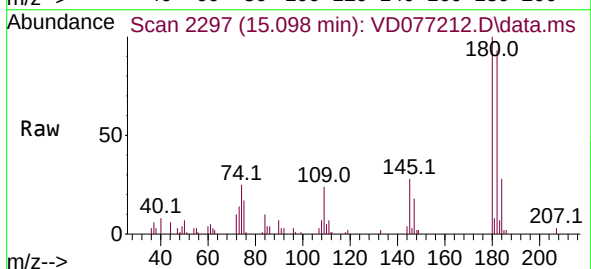
Tgt Ion:180 Resp: 30654

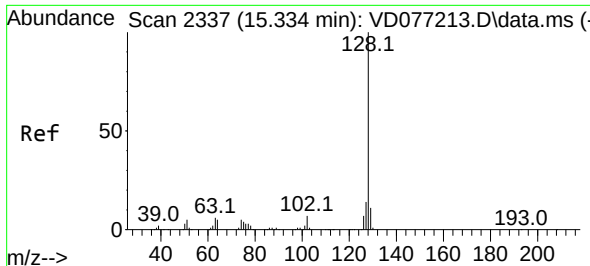
Ion Ratio Lower Upper

180 100

182 94.1 76.8 115.2

145 29.2 23.0 34.6

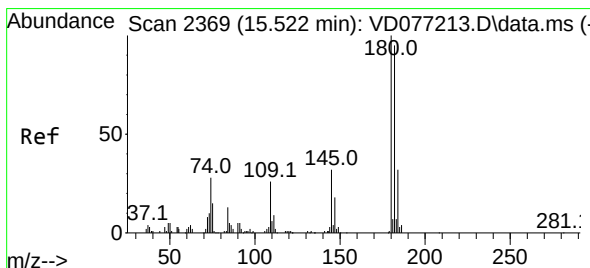
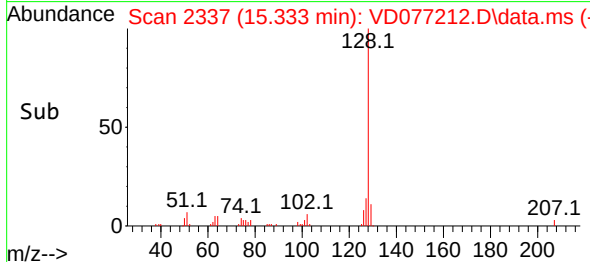
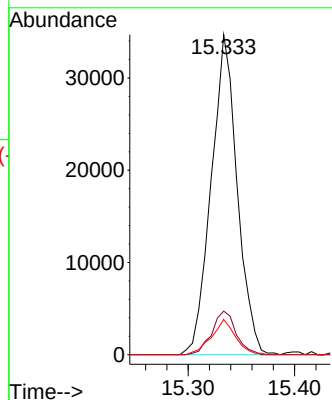
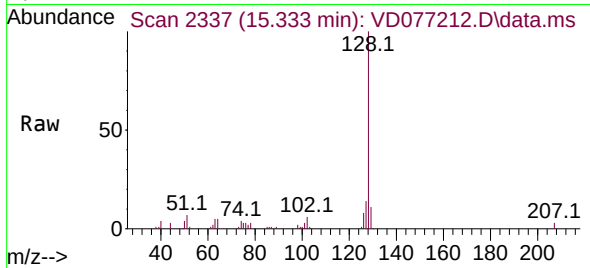




#71
Naphthalene
Concen: 5.817 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 58832
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 6.165 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077212.D
Acq: 25 Sep 2023 10:55

Tgt Ion:180 Resp: 28731
Ion Ratio Lower Upper
180 100
182 96.6 77.4 116.2
145 30.8 25.5 38.3

