

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092523\
 Data File : VD077213.D
 Acq On : 25 Sep 2023 11:22
 Operator : JC/SY
 Sample : VSTD025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 22:53:04 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	8.781	114	288005	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	293915	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	165278	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	145402	22.068	ug/L	0.00
7) Chloroethane-d5	2.799	69	138608	24.859	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	40614	26.106	ug/L	0.00
21) 2-Butanone-d5	6.987	46	65043	68.458	ug/L	0.00
24) Chloroform-d	7.569	84	237759	29.783	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	115844	30.543	ug/L	0.00
32) Benzene-d6	8.204	84	453132	28.197	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	143692	30.358	ug/L	0.00
41) Toluene-d8	10.269	98	401692	27.583	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	55794	26.955	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	50492	65.542	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	137725	32.063	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	141177	26.869	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	91163	25.257	ug/L	100
3) Chloromethane	2.146	50	132452	21.686	ug/L	100
5) Vinyl chloride	2.281	62	168016	23.832	ug/L	100
6) Bromomethane	2.693	94	112769	23.039	ug/L	100
8) Chloroethane	2.834	64	124849	26.298	ug/L	100
9) Trichlorofluoromethane	3.175	101	174990	25.478	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	117336	27.720	ug/L	100
12) 1,1-Dichloroethene	3.940	96	101996	26.695	ug/L	100
13) Acetone	4.016	43	78323	58.597	ug/L	100
14) Carbon disulfide	4.269	76	289099	24.003	ug/L	100
15) Methyl Acetate	4.563	43	58070	32.048	ug/L	100
16) Methylene chloride	4.799	84	137552	23.360	ug/L	100
17) trans-1,2-Dichloroethene	5.311	96	119741	28.270	ug/L	100
18) Methyl tert-butyl Ether	5.316	73	282826	30.248	ug/L	100
19) 1,1-Dichloroethane	6.110	63	222630	30.482	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	146200	29.752	ug/L	100
22) 2-Butanone	7.081	43	91309	57.137	ug/L	100
23) Bromochloromethane	7.428	128	69210	29.487	ug/L	100
25) Chloroform	7.599	83	244285	30.069	ug/L	100
27) 1,2-Dichloroethane	8.322	62	148026	30.345	ug/L	100
29) Cyclohexane	7.881	56	139434	26.051	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	199321	28.797	ug/L	100
31) Carbon tetrachloride	7.993	117	163412	28.216	ug/L	100
33) Benzene	8.252	78	523431	29.325	ug/L	100
34) Trichloroethene	9.028	95	127164	27.147	ug/L	100
35) Methylcyclohexane	9.275	83	180562	25.772	ug/L	100
37) 1,2-Dichloropropane	9.304	63	142429	30.936	ug/L	100
38) Bromodichloromethane	9.587	83	187710	29.851	ug/L	100
39) cis-1,3-Dichloropropene	10.022	75	217457	30.200	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	171049	66.612	ug/L	100
42) Toluene	10.334	91	573528	29.634	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	188737	30.539	ug/L	100

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

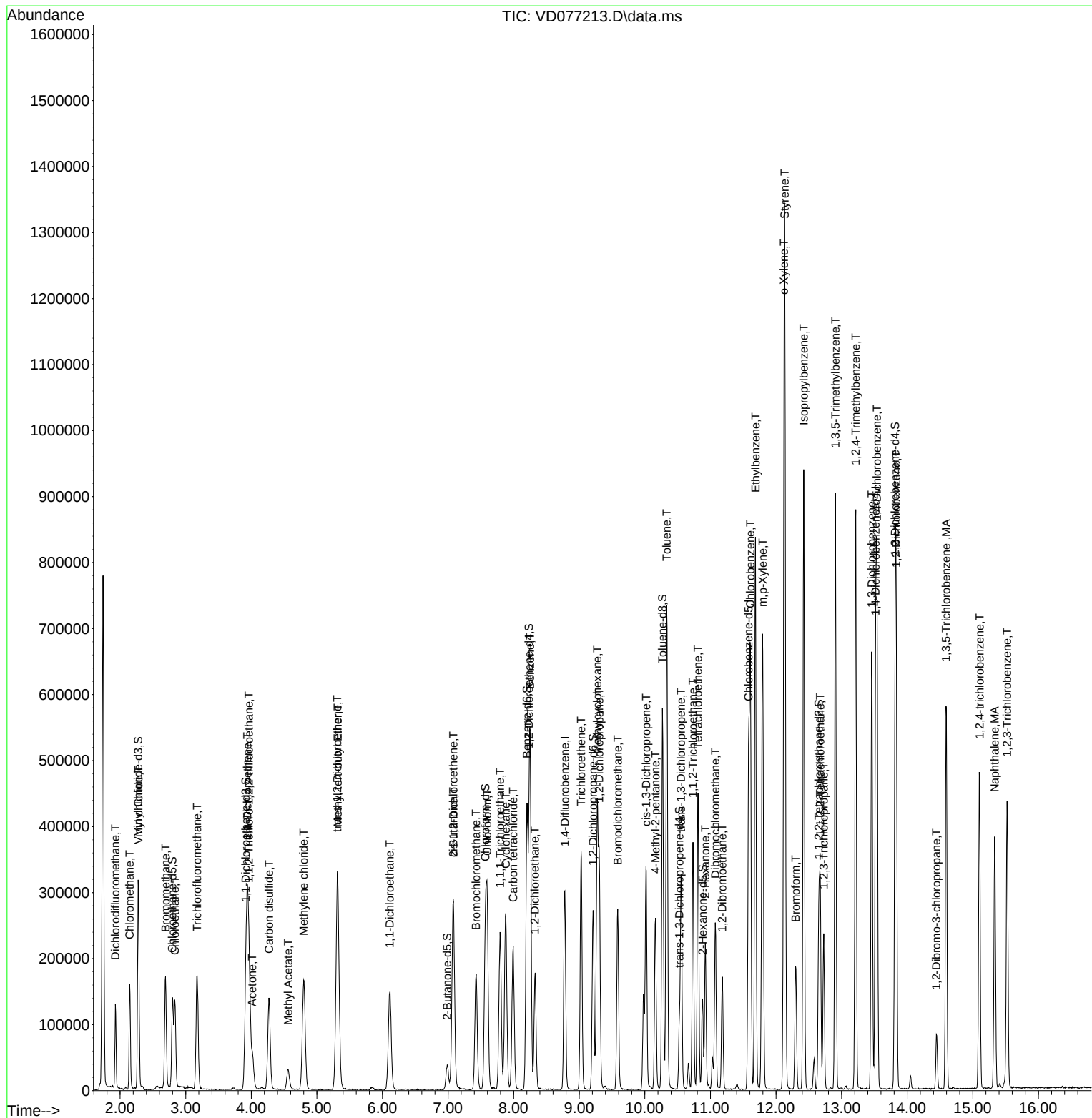
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	122410	31.229	ug/L	100
46) Tetrachloroethene	10.810	164	101442	26.634	ug/L	100
48) 2-Hexanone	10.922	43	134857	67.869	ug/L	100
49) Dibromochloromethane	11.075	129	135733	30.060	ug/L	100
50) 1,2-Dibromoethane	11.181	107	112447	29.686	ug/L	100
51) Chlorobenzene	11.610	112	375306	29.053	ug/L	100
52) Ethylbenzene	11.687	91	612055	29.322	ug/L	100
53) m,p-Xylene	11.798	106	238686	29.604	ug/L	100
54) o-Xylene	12.122	106	228215	29.367	ug/L	100
55) Styrene	12.134	104	430967	30.788	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	146719	31.849	ug/L	100
59) Bromoform	12.298	173	87582	28.981	ug/L	100
60) Isopropylbenzene	12.422	105	610872	28.582	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	98055	30.088	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	476775	28.855	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	479755	29.511	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	289852	28.256	ug/L	100
65) 1,4-Dichlorobenzene	13.539	146	303079	28.136	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	269221	28.440	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	21231	31.353	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	188911	27.840	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	159380	27.550	ug/L	100
71) Naphthalene	15.334	128	340282	29.255	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	151803	28.322	ug/L	100

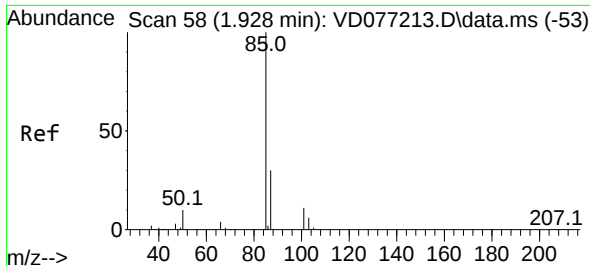
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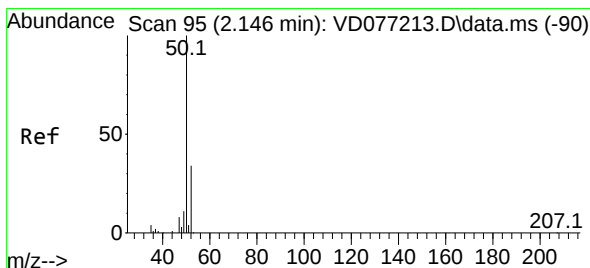
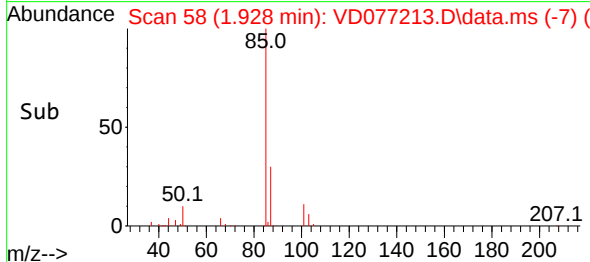
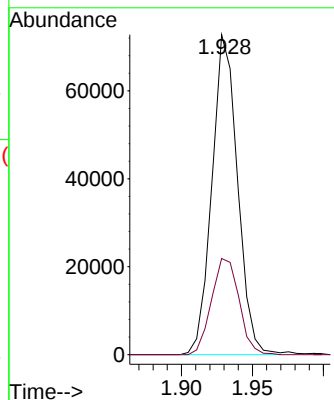
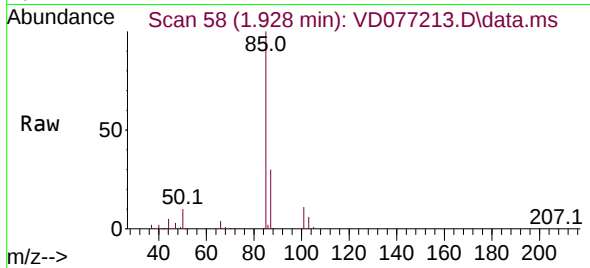




#2
 Dichlorodifluoromethane
 Concen: 25.257 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VD077213.D
 Acq: 25 Sep 2023 11:22

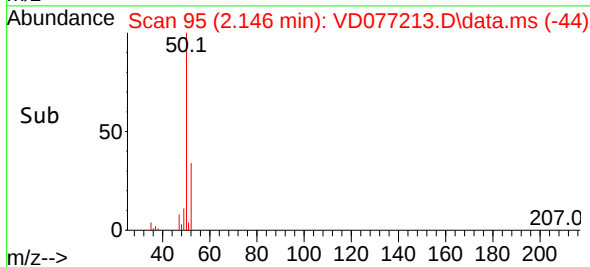
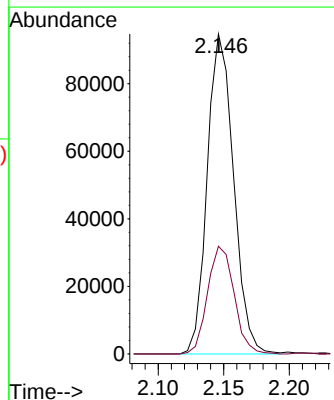
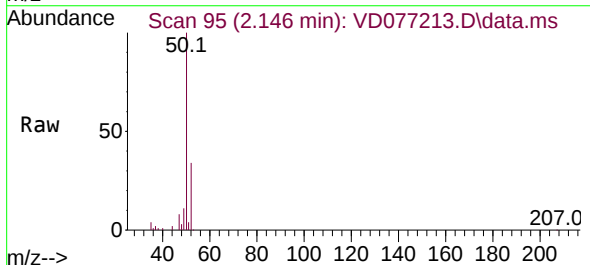
Instrument :
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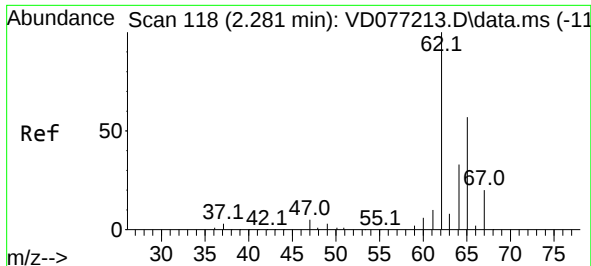
Tgt Ion: 85 Resp: 91163
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 21.686 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD077213.D
 Acq: 25 Sep 2023 11:22

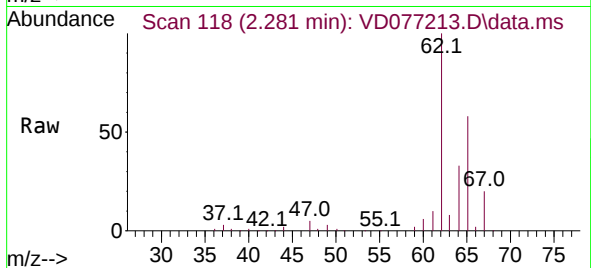
Tgt Ion: 50 Resp: 132452
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.6 43.8



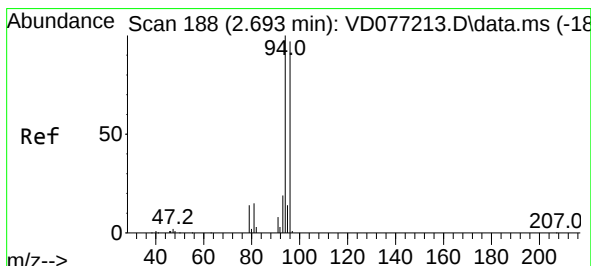
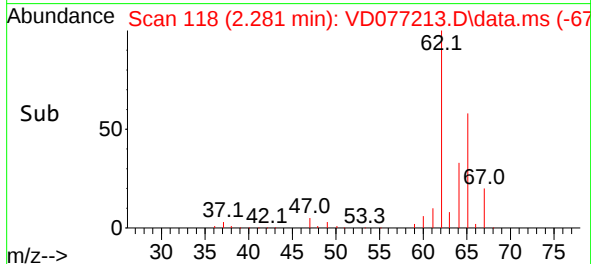
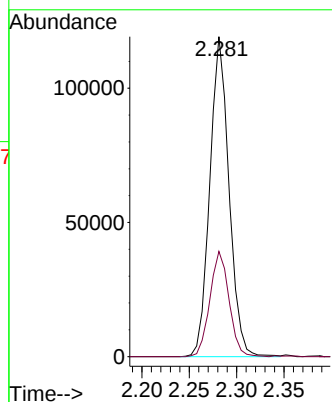


#5
 Vinyl chloride
 Concen: 23.832 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD077213.D
 Acq: 25 Sep 2023 11:22

Instrument :
 MSVOA_D
 ClientSampleId :

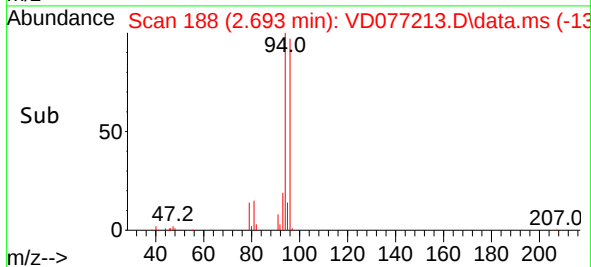
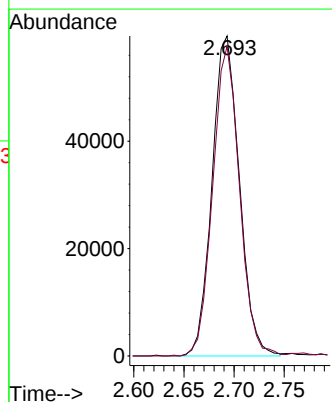
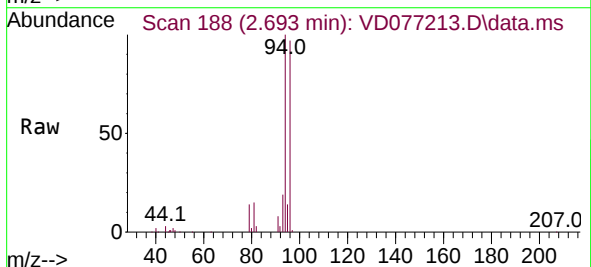


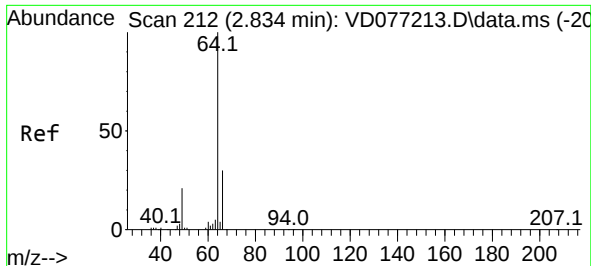
Tgt Ion: 62 Resp: 168016
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.8



#6
 Bromomethane
 Concen: 23.039 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD077213.D
 Acq: 25 Sep 2023 11:22

Tgt Ion: 94 Resp: 112769
 Ion Ratio Lower Upper
 94 100
 96 96.8 67.8 125.8

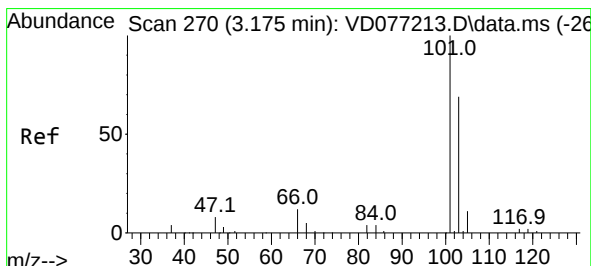
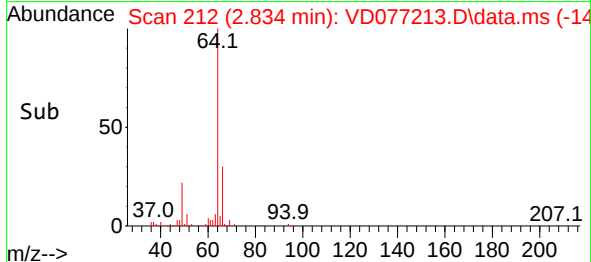
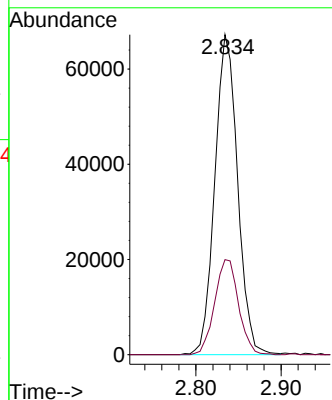
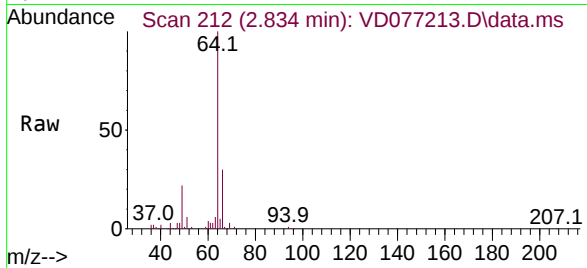




#8
Chloroethane
Concen: 26.298 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

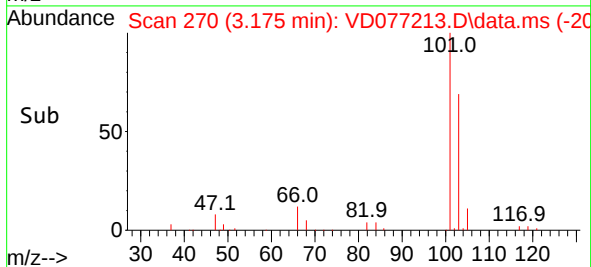
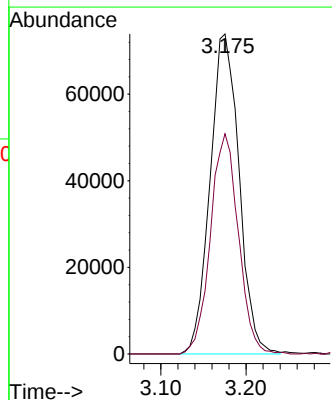
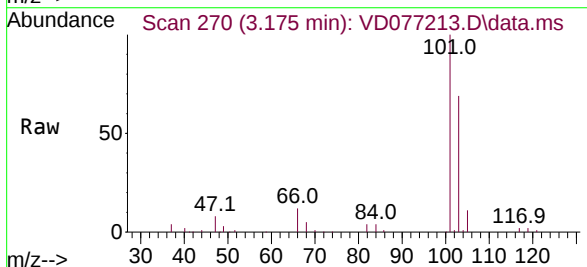
Instrument :
MSVOA_D
ClientSampleId :

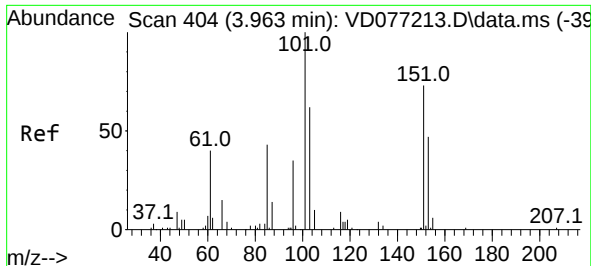
Tgt Ion: 64 Resp: 124849
Ion Ratio Lower Upper
64 100
66 29.7 20.8 38.6



#9
Trichlorofluoromethane
Concen: 25.478 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion:101 Resp: 174990
Ion Ratio Lower Upper
101 100
103 66.1 52.9 79.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 27.720 ug/L

RT: 3.963 min Scan# 404

Delta R.T. 0.000 min

Lab File: VD077213.D

Acq: 25 Sep 2023 11:22

Instrument :

MSVOA_D

ClientSampleId :

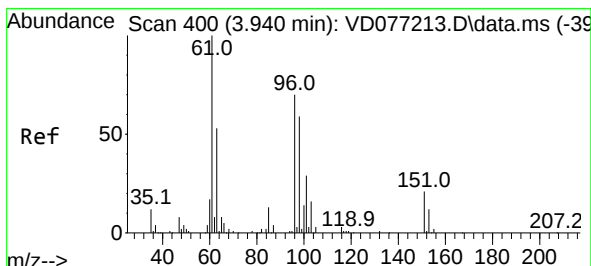
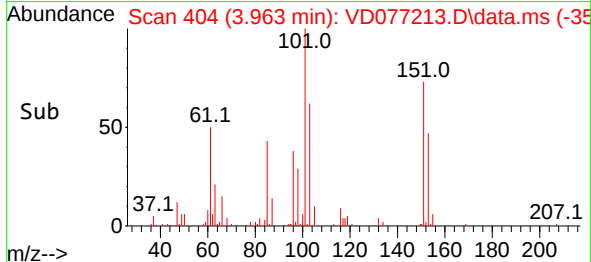
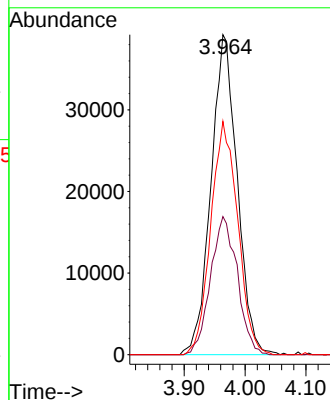
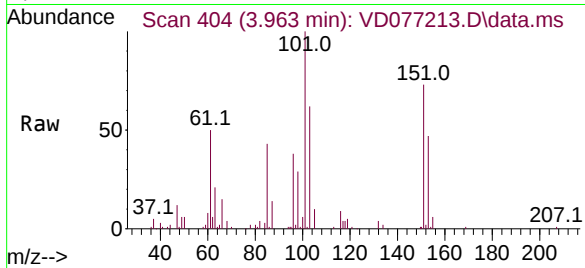
Tgt Ion:101 Resp: 117336

Ion Ratio Lower Upper

101 100

85 44.1 35.3 52.9

151 74.9 59.9 89.9



#12

1,1-Dichloroethene

Concen: 26.695 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD077213.D

Acq: 25 Sep 2023 11:22

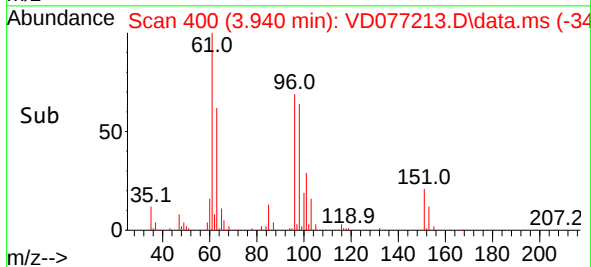
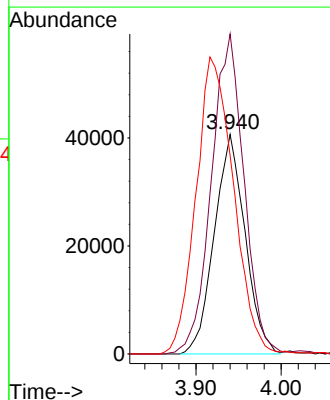
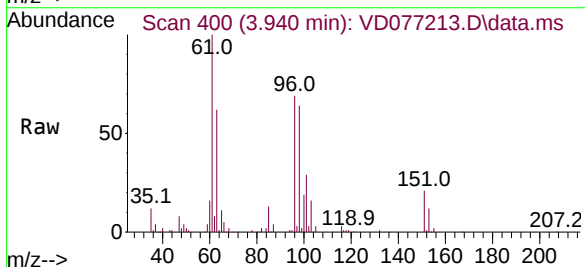
Tgt Ion: 96 Resp: 101996

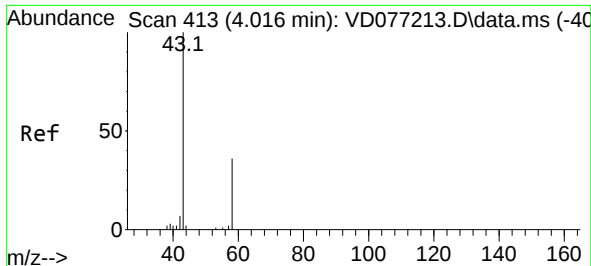
Ion Ratio Lower Upper

96 100

61 145.8 102.1 189.5

63 90.4 63.3 117.5

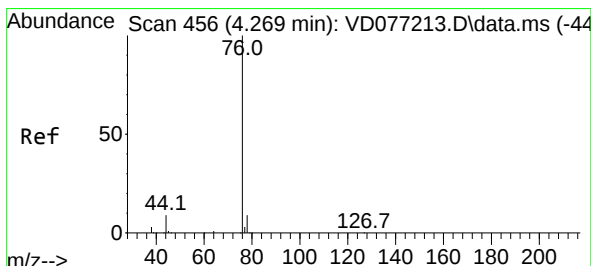
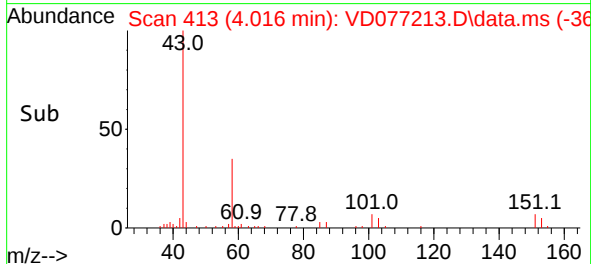
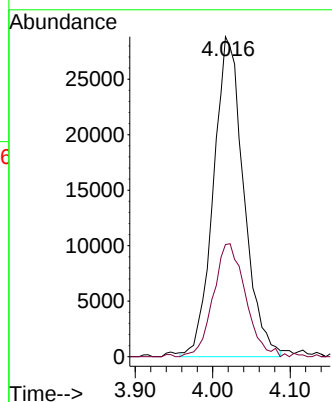
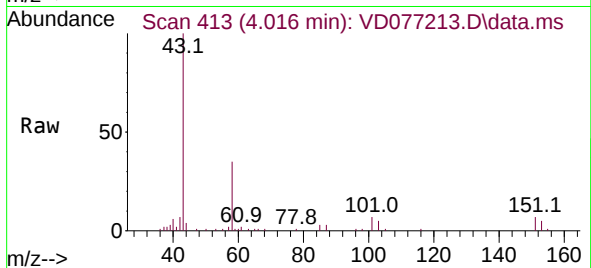




#13
Acetone
Concen: 58.597 ug/L
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

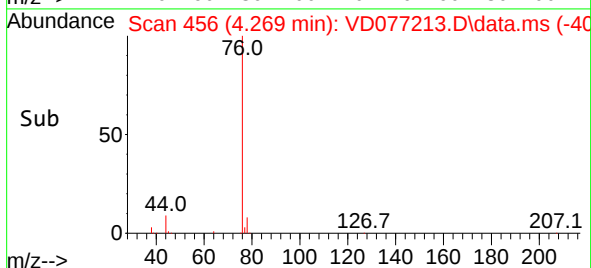
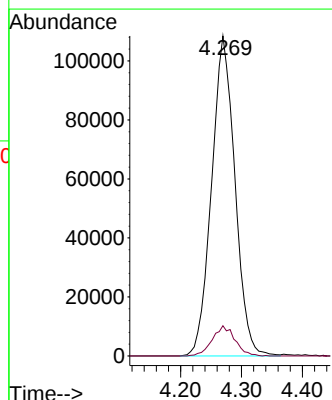
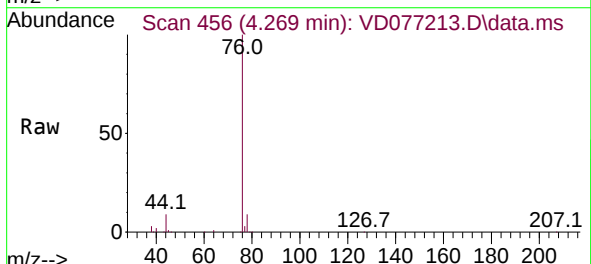
Instrument :
MSVOA_D
ClientSampleId :

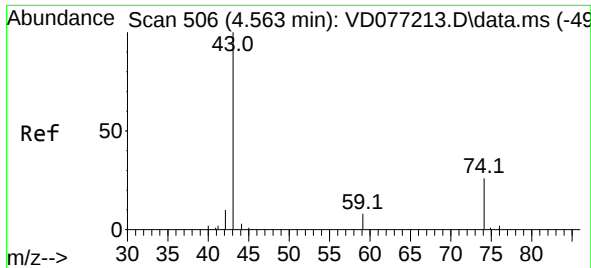
Tgt Ion: 43 Resp: 78323
Ion Ratio Lower Upper
43 100
58 37.0 0.0 74.0



#14
Carbon disulfide
Concen: 24.003 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion: 76 Resp: 289099
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

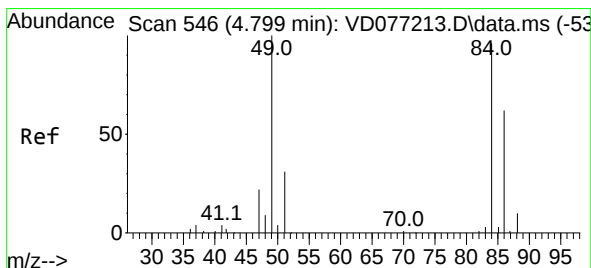
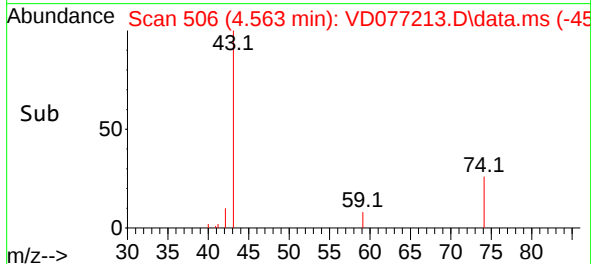
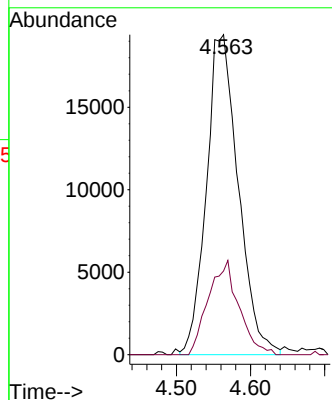
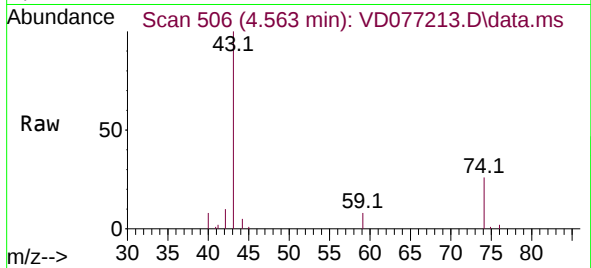




#15
Methyl Acetate
Concen: 32.048 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

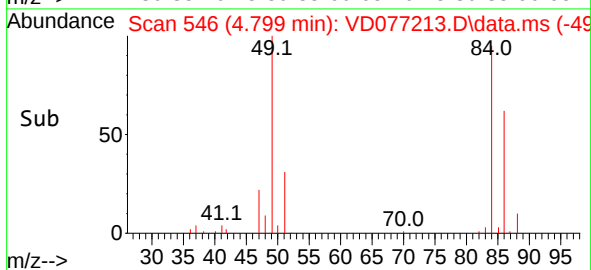
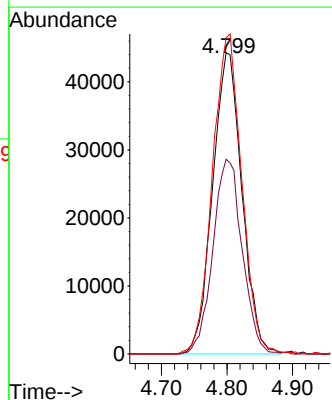
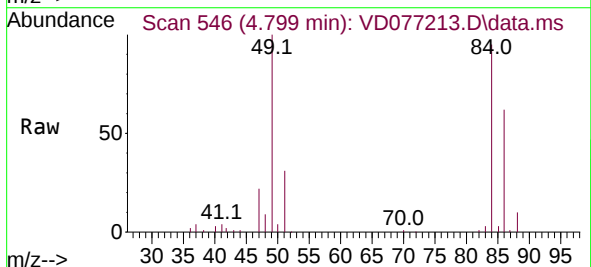
Instrument :
MSVOA_D
ClientSampleId :

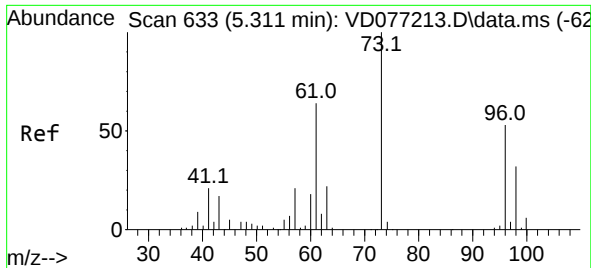
Tgt Ion: 43 Resp: 58070
Ion Ratio Lower Upper
43 100
74 28.1 22.5 33.7



#16
Methylene chloride
Concen: 23.360 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion: 84 Resp: 137552
Ion Ratio Lower Upper
84 100
86 64.6 45.2 84.0
49 104.9 73.4 136.4



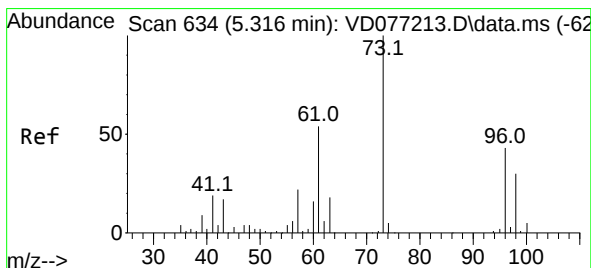
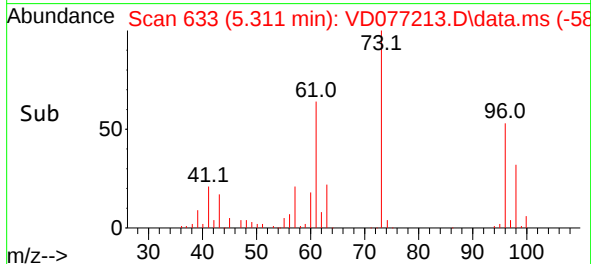
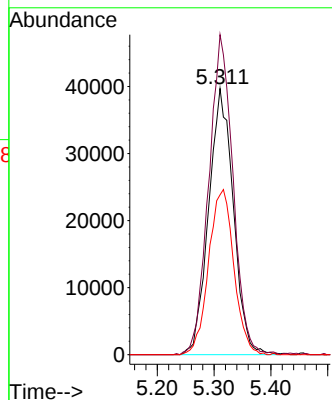
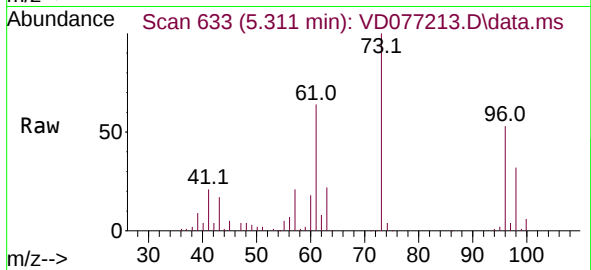


#17
 trans-1,2-Dichloroethene
 Concen: 28.270 ug/L
 RT: 5.311 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VD077213.D
 Acq: 25 Sep 2023 11:22

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 119741

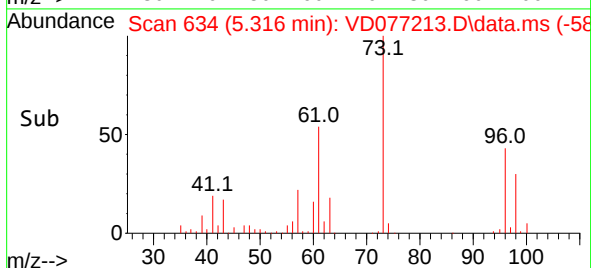
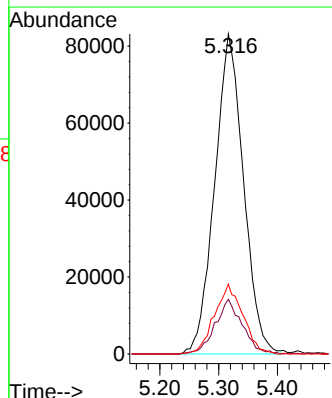
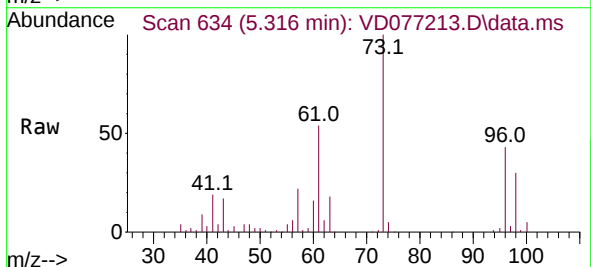
Ion	Ratio	Lower	Upper
96	100		
61	120.2	84.1	156.3
98	60.0	42.0	78.0

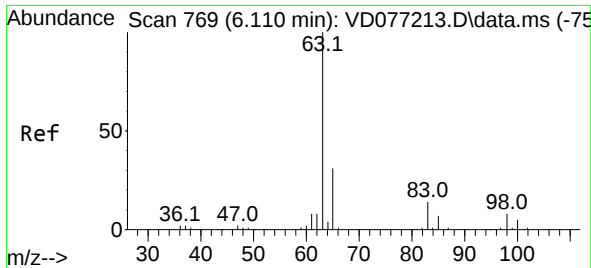


#18
 Methyl tert-butyl Ether
 Concen: 30.248 ug/L
 RT: 5.316 min Scan# 634
 Delta R.T. 0.000 min
 Lab File: VD077213.D
 Acq: 25 Sep 2023 11:22

Tgt Ion: 73 Resp: 282826

Ion	Ratio	Lower	Upper
73	100		
43	15.9	12.7	19.1
57	21.5	17.2	25.8

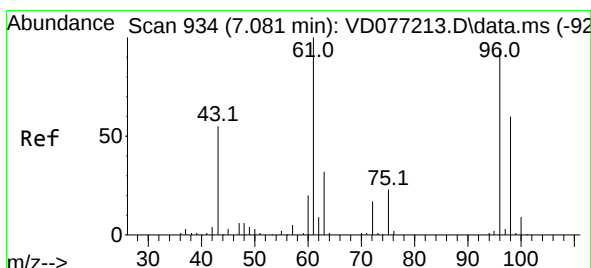
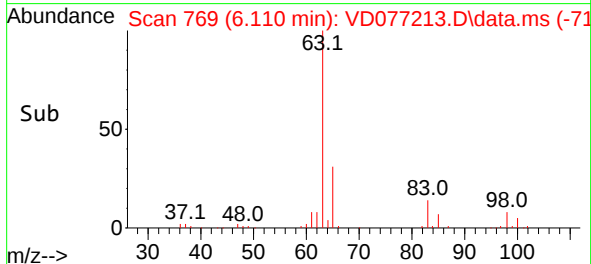
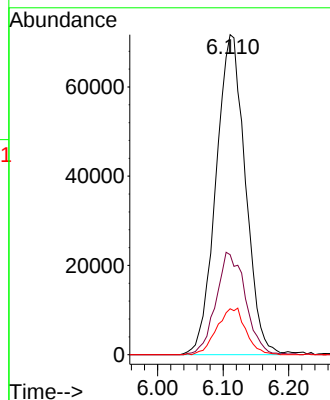
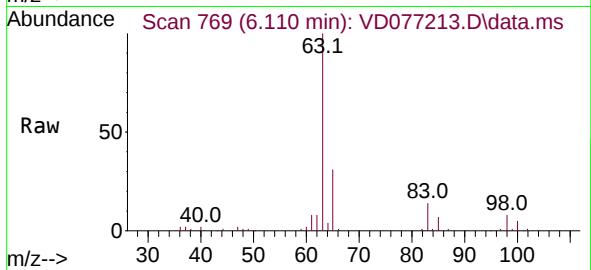




#19
1,1-Dichloroethane
Concen: 30.482 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

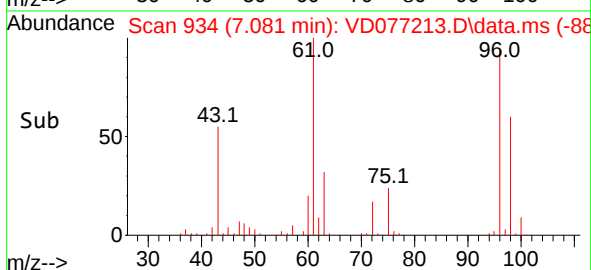
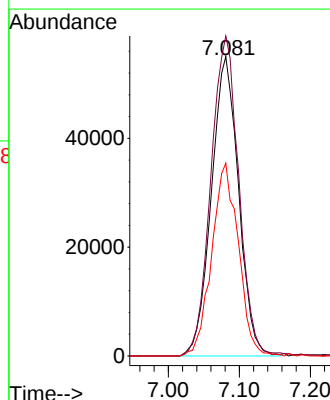
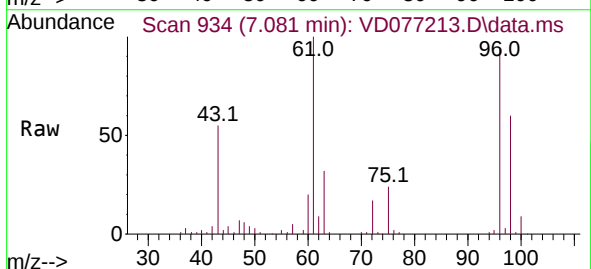
Instrument :
MSVOA_D
ClientSampleId :

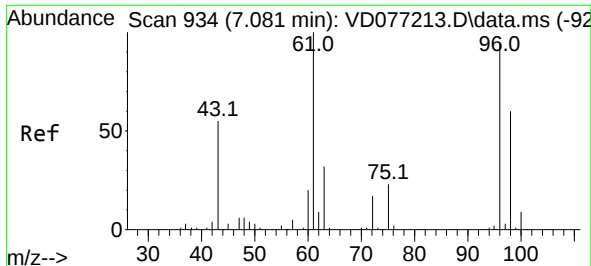
Tgt Ion: 63 Resp: 222630
Ion Ratio Lower Upper
63 100
65 31.3 21.9 40.7
83 14.3 10.0 18.6



#20
cis-1,2-Dichloroethene
Concen: 29.752 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion: 96 Resp: 146200
Ion Ratio Lower Upper
96 100
61 106.9 74.8 139.0
98 64.4 45.1 83.7

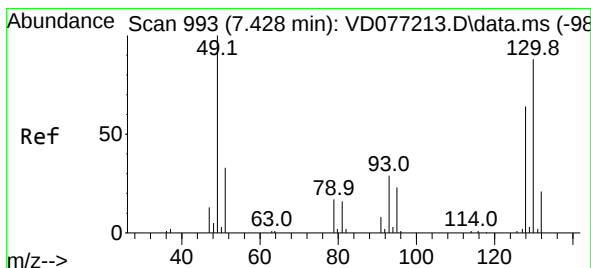
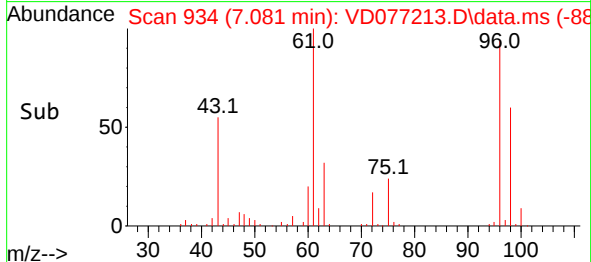
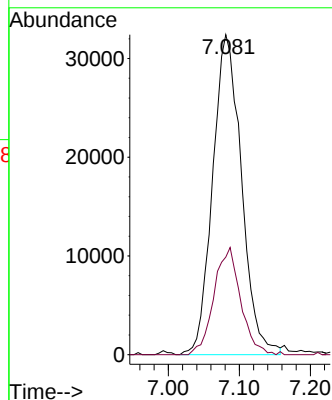
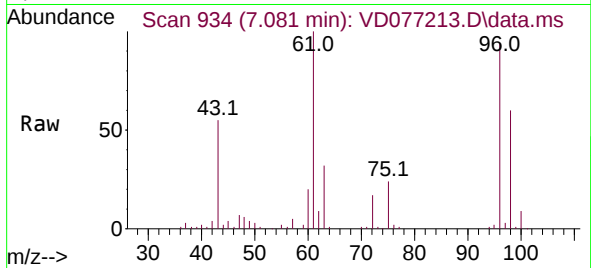




#22
2-Butanone
Concen: 57.137 ug/L
RT: 7.081 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

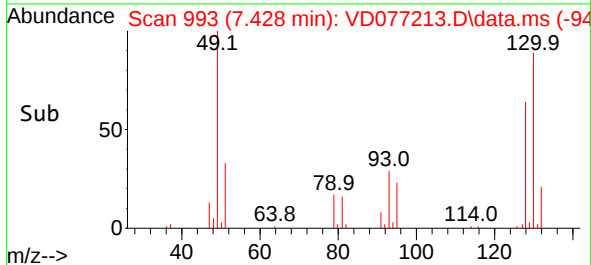
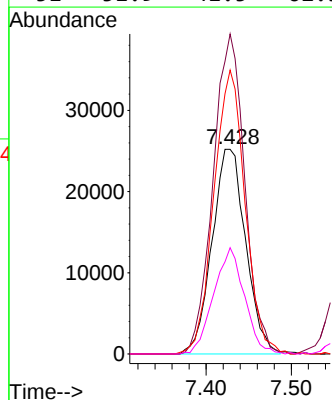
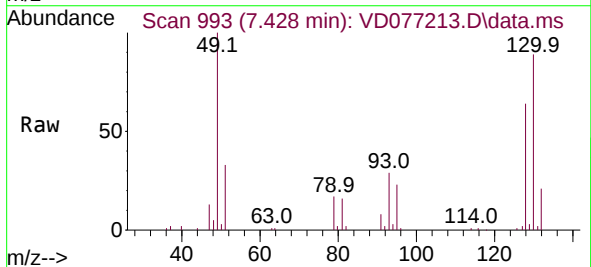
Instrument :
MSVOA_D
ClientSampleId :

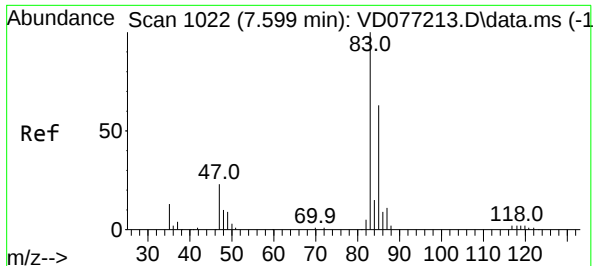
Tgt Ion: 43 Resp: 91309
Ion Ratio Lower Upper
43 100
72 30.9 15.4 46.4



#23
Bromochloromethane
Concen: 29.487 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion:128 Resp: 69210
Ion Ratio Lower Upper
128 100
49 156.3 109.4 203.2
130 138.7 97.1 180.3
51 51.9 41.5 62.3





#25

Chloroform

Concen: 30.069 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077213.D

Acq: 25 Sep 2023 11:22

Instrument :

MSVOA_D

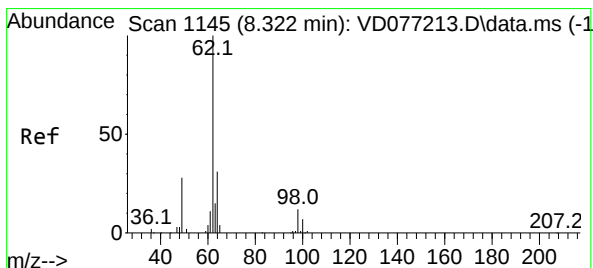
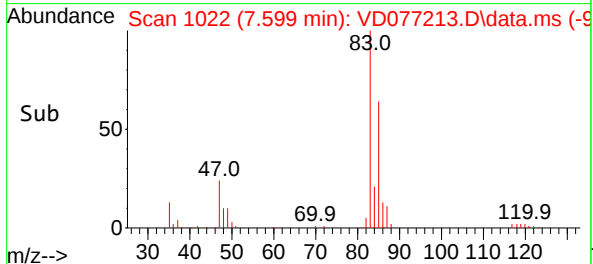
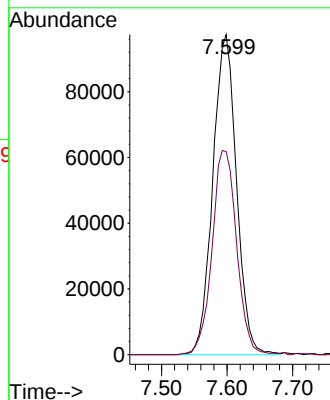
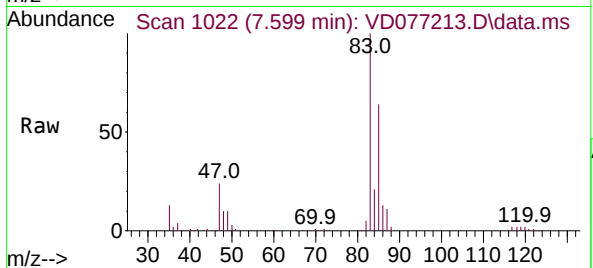
ClientSampleId :

Tgt Ion: 83 Resp: 244285

Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.5



#27

1,2-Dichloroethane

Concen: 30.345 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD077213.D

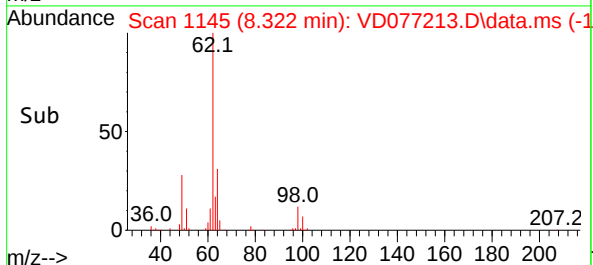
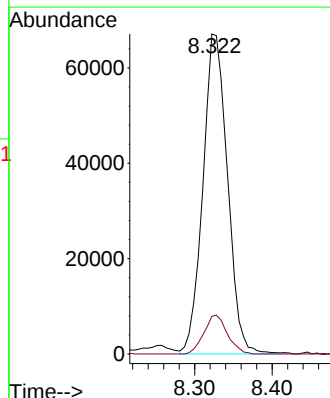
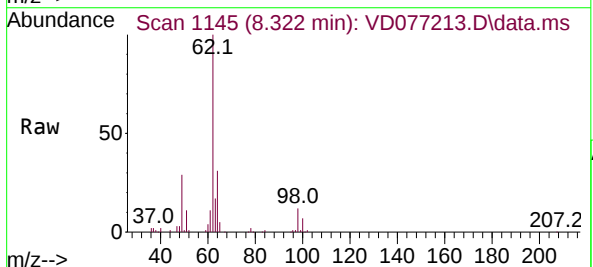
Acq: 25 Sep 2023 11:22

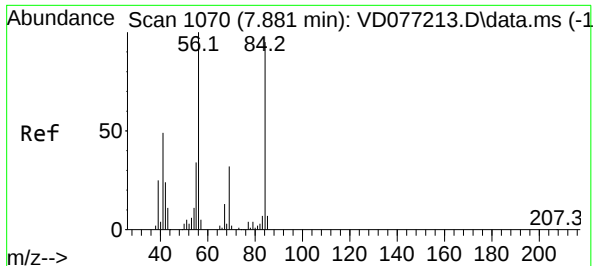
Tgt Ion: 62 Resp: 148026

Ion Ratio Lower Upper

62 100

98 11.7 9.4 14.0





#29

Cyclohexane

Concen: 26.051 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD077213.D

Acq: 25 Sep 2023 11:22

Instrument :

MSVOA_D

ClientSampleId :

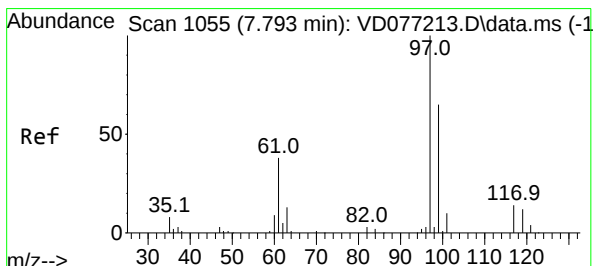
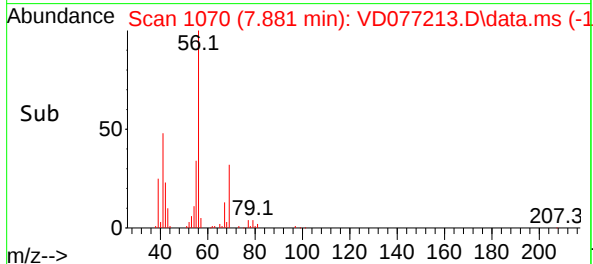
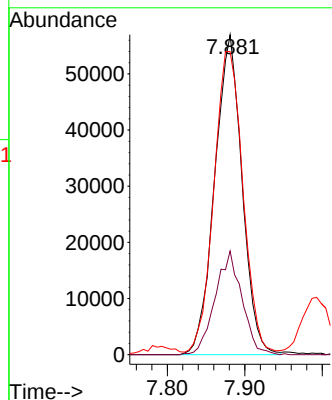
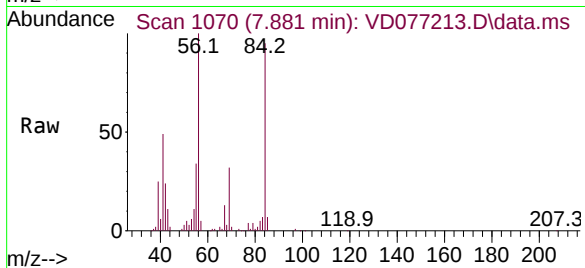
Tgt Ion: 56 Resp: 139434

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.0

84 100.7 80.6 120.8



#30

1,1,1-Trichloroethane

Concen: 28.797 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD077213.D

Acq: 25 Sep 2023 11:22

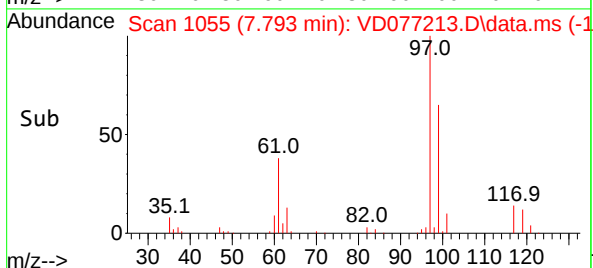
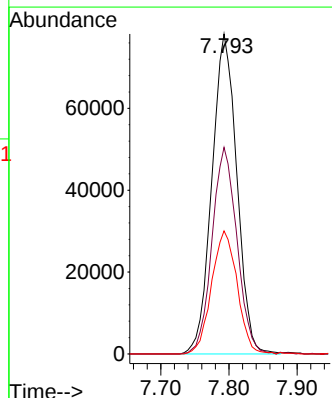
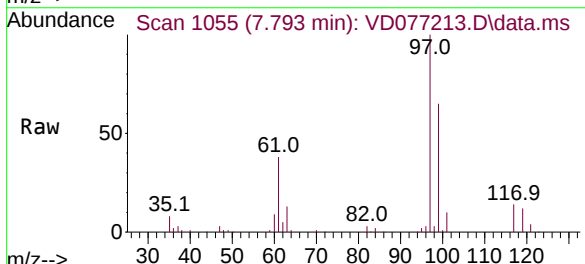
Tgt Ion: 97 Resp: 199321

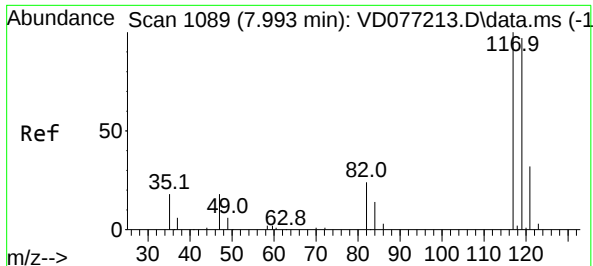
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 39.5 31.6 47.4

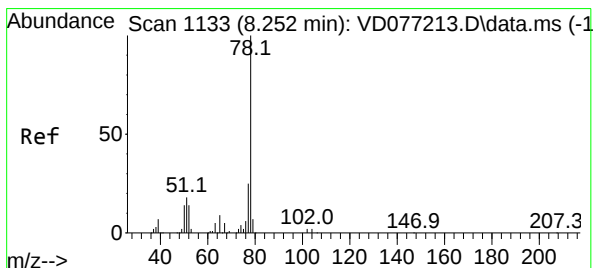
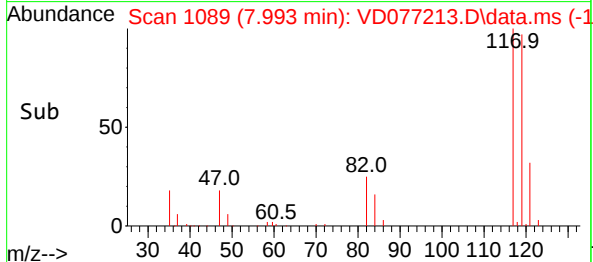
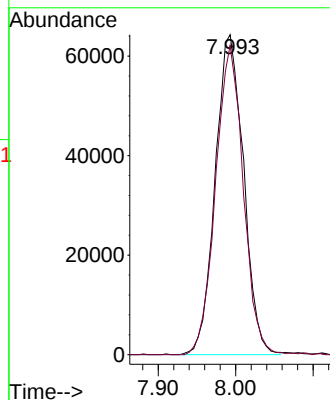
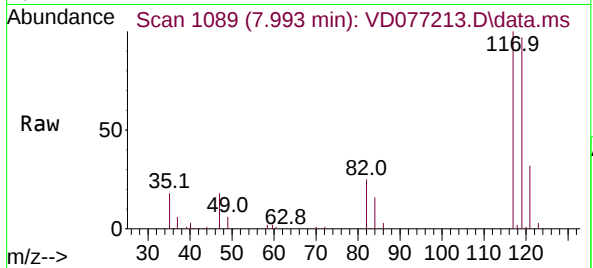




#31
Carbon tetrachloride
Concen: 28.216 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

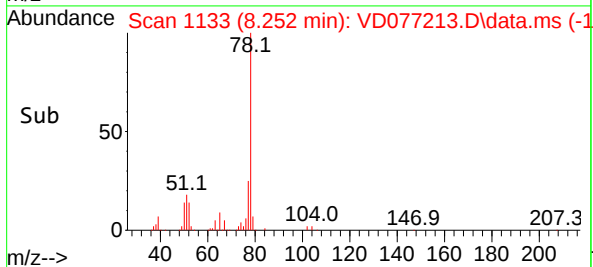
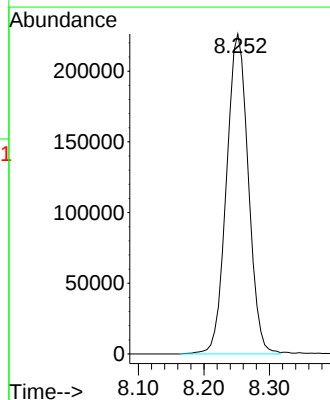
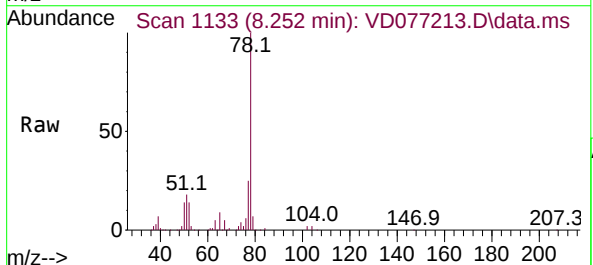
Instrument :
MSVOA_D
ClientSampleId :

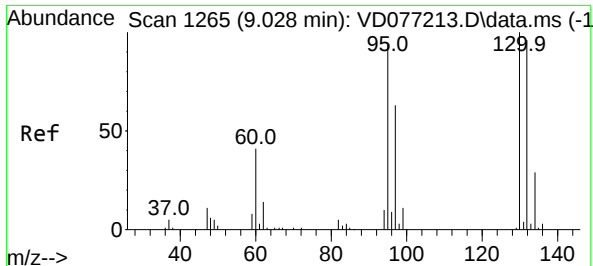
Tgt Ion:117 Resp: 163412
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.0



#33
Benzene
Concen: 29.325 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion: 78 Resp: 523431

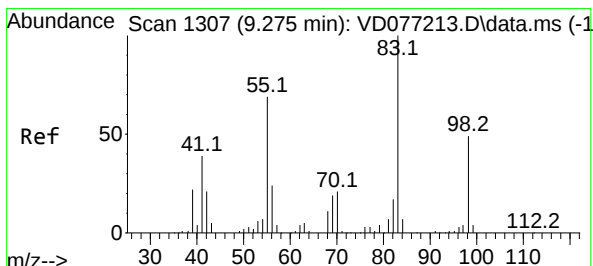
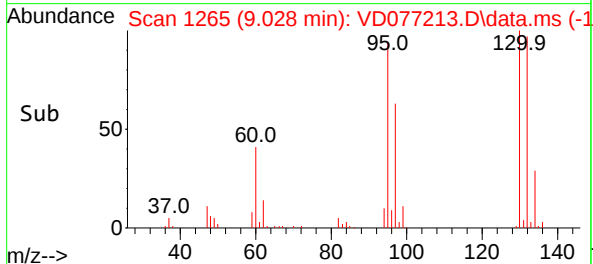
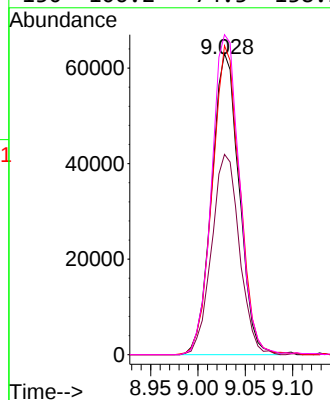
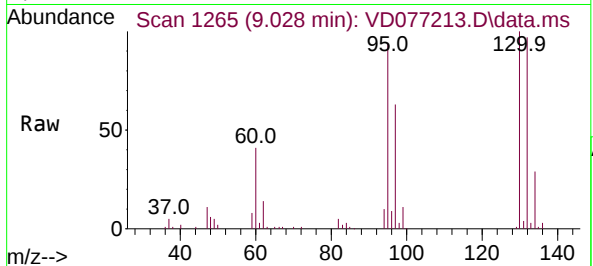




#34
Trichloroethene
Concen: 27.147 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

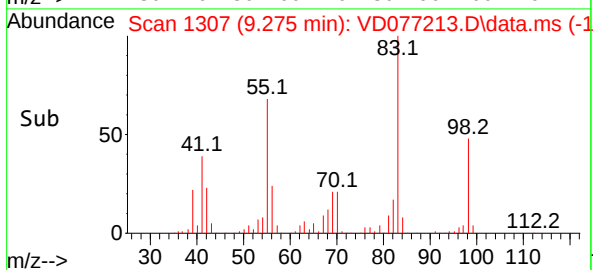
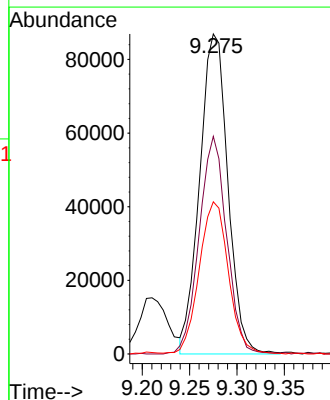
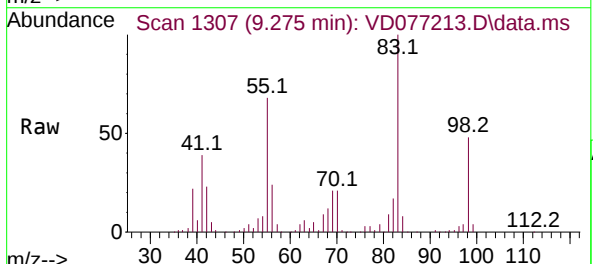
Instrument :
MSVOA_D
ClientSampleId :

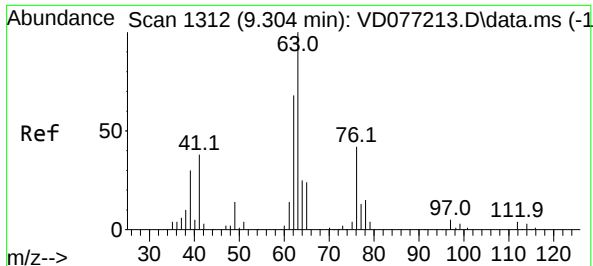
Tgt Ion: 95 Resp: 127164
Ion Ratio Lower Upper
95 100
97 66.5 46.5 86.5
132 102.6 71.8 133.4
130 106.2 74.3 138.1



#35
Methylcyclohexane
Concen: 25.772 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion: 83 Resp: 180562
Ion Ratio Lower Upper
83 100
55 66.2 53.0 79.4
98 49.2 39.4 59.0





#37

1,2-Dichloropropane

Concen: 30.936 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077213.D

Acq: 25 Sep 2023 11:22

Instrument :

MSVOA_D

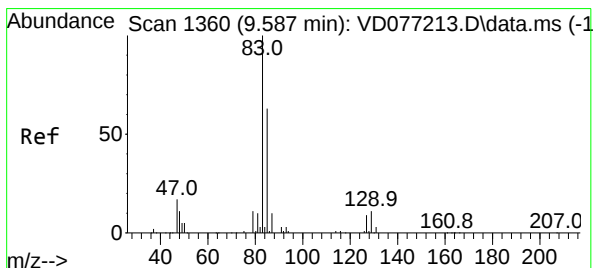
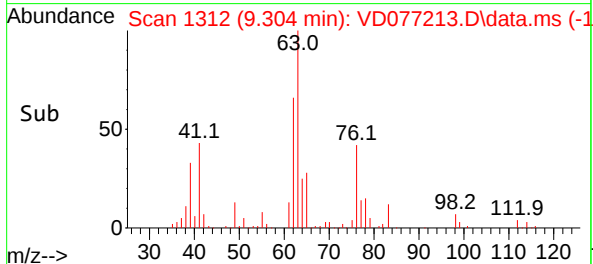
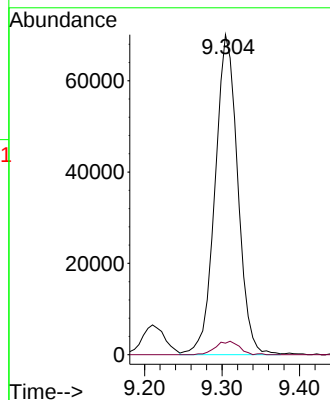
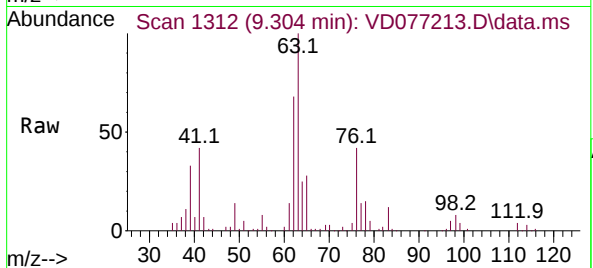
ClientSampleId :

Tgt Ion: 63 Resp: 142429

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 29.851 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD077213.D

Acq: 25 Sep 2023 11:22

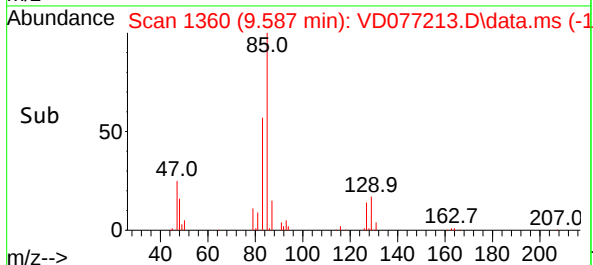
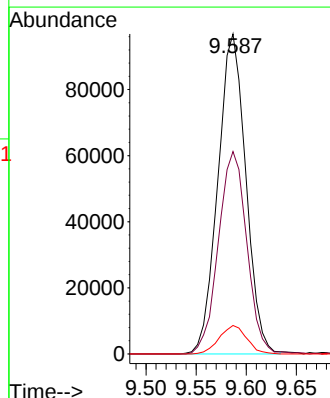
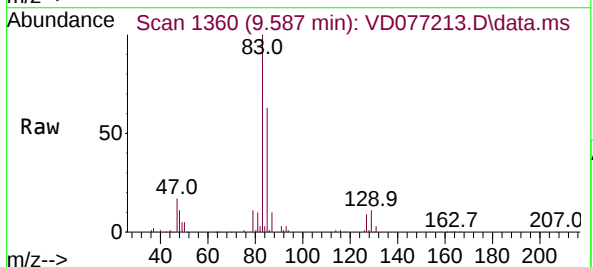
Tgt Ion: 83 Resp: 187710

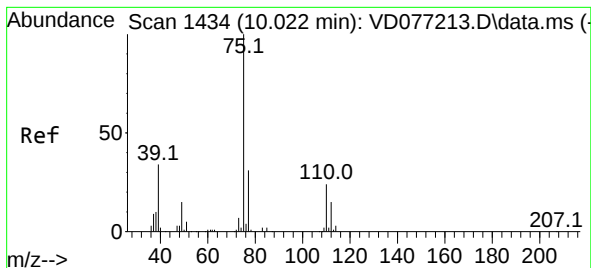
Ion Ratio Lower Upper

83 100

85 63.2 44.2 82.2

127 8.9 7.1 10.7

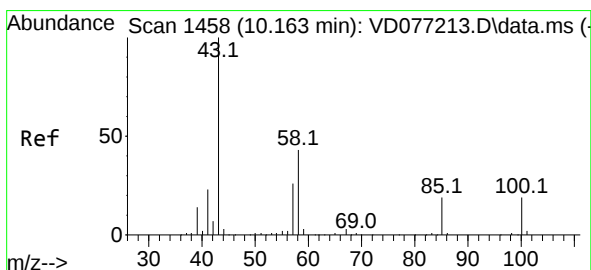
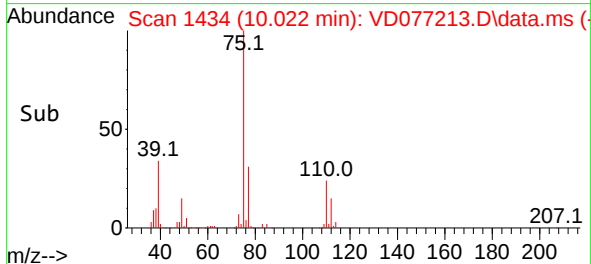
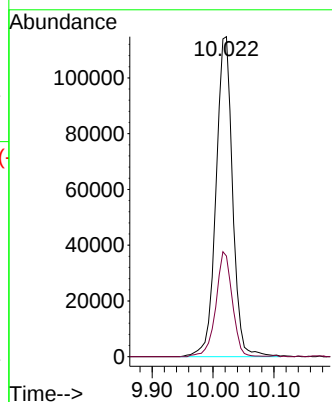
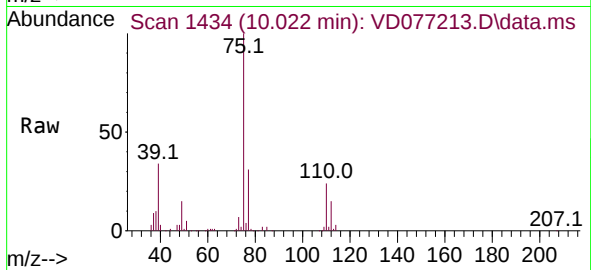




#39
 cis-1,3-Dichloropropene
 Concen: 30.200 ug/L
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: VD077213.D
 Acq: 25 Sep 2023 11:22

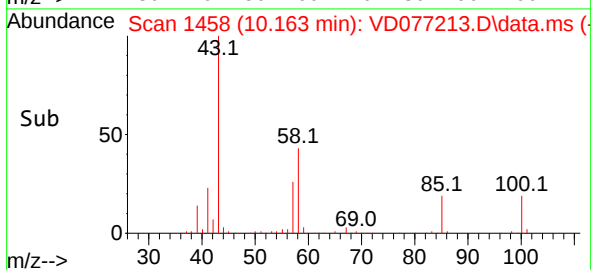
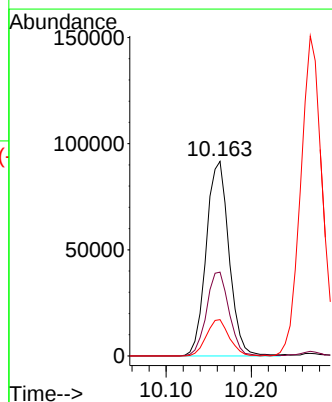
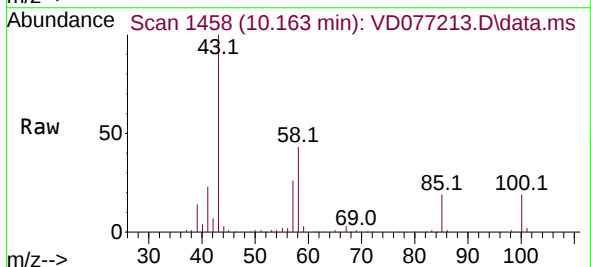
Instrument :
 MSVOA_D
 ClientSampleId :

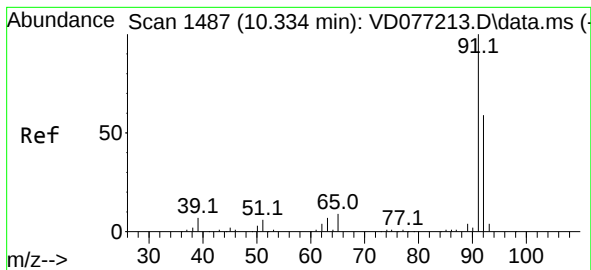
Tgt Ion: 75 Resp: 217457
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 66.612 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: VD077213.D
 Acq: 25 Sep 2023 11:22

Tgt Ion: 43 Resp: 171049
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.9 50.9
 100 18.6 14.9 22.3





#42

Toluene

Concen: 29.634 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD077213.D

Acq: 25 Sep 2023 11:22

Instrument :

MSVOA_D

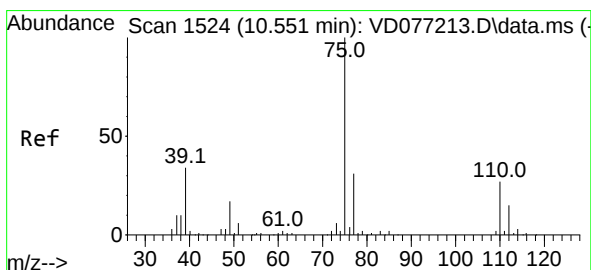
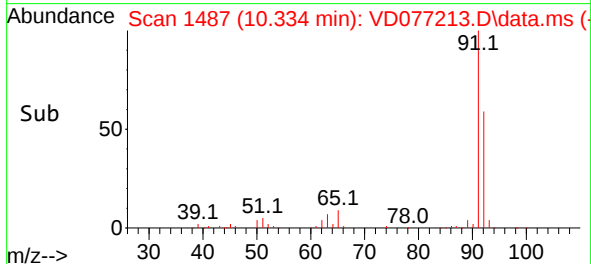
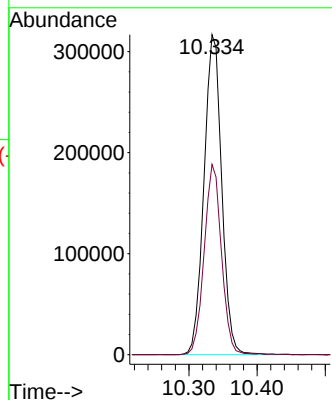
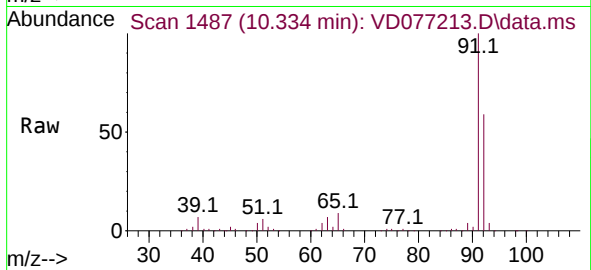
ClientSampleId :

Tgt Ion: 91 Resp: 573528

Ion Ratio Lower Upper

91 100

92 59.5 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 30.539 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD077213.D

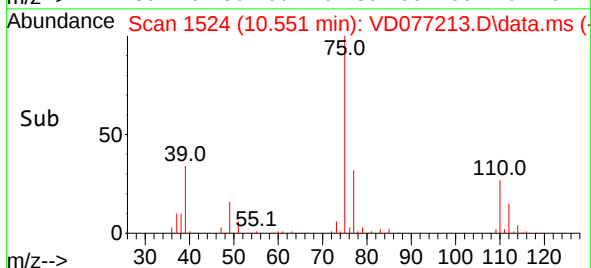
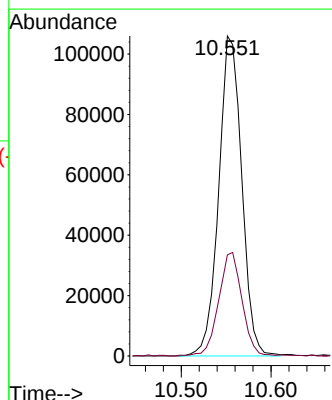
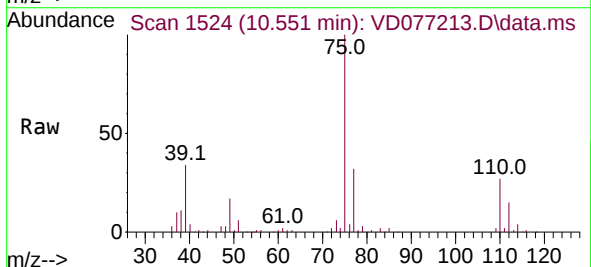
Acq: 25 Sep 2023 11:22

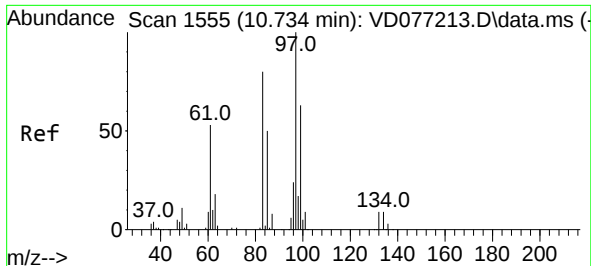
Tgt Ion: 75 Resp: 188737

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1

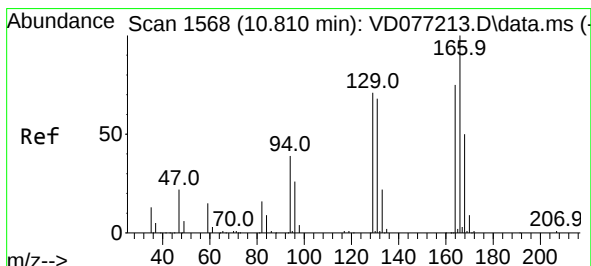
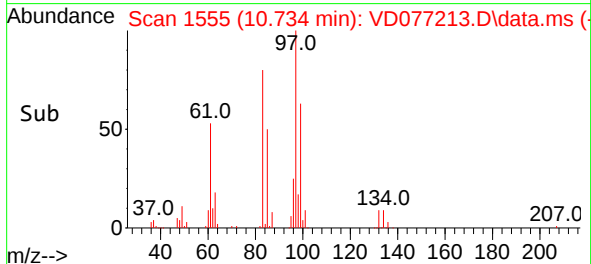
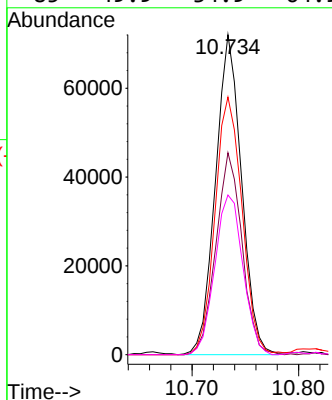
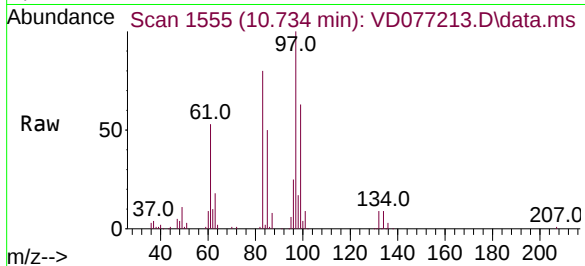




#45
1,1,2-Trichloroethane
Concen: 31.229 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

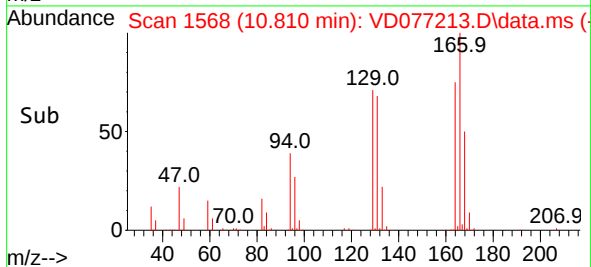
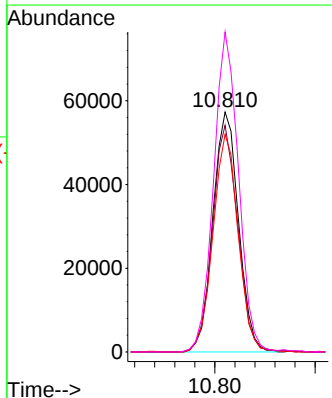
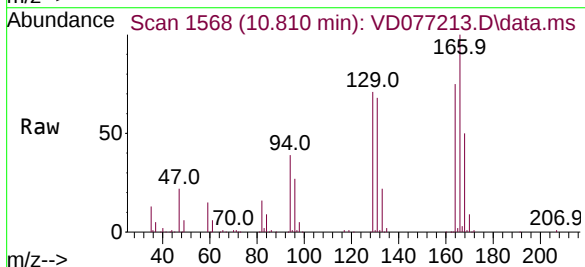
Instrument :
MSVOA_D
ClientSampleId :

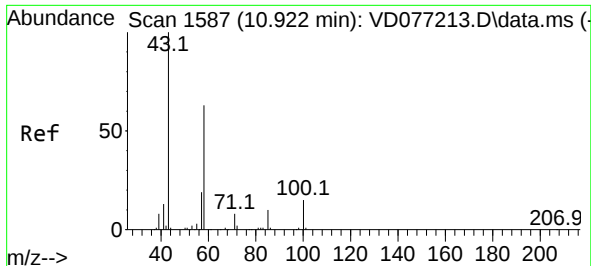
Tgt Ion:	97	Resp:	122410
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.2	82.0
83	80.5	56.4	104.7
85	49.9	34.9	64.9



#46
Tetrachloroethene
Concen: 26.634 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion:	164	Resp:	101442
Ion	Ratio	Lower	Upper
164	100		
129	94.5	66.1	122.8
131	90.7	63.5	117.9
166	133.4	93.4	173.4

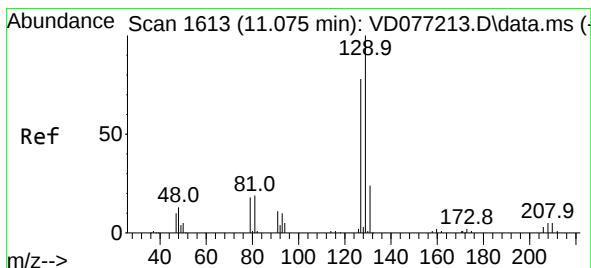
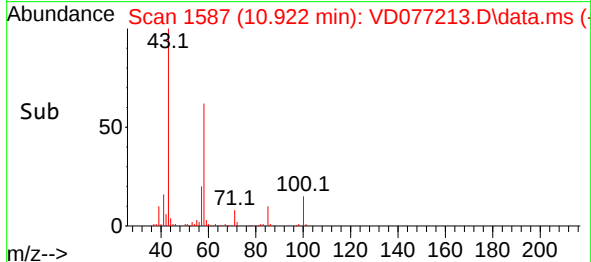
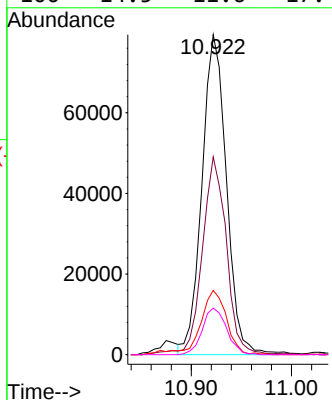
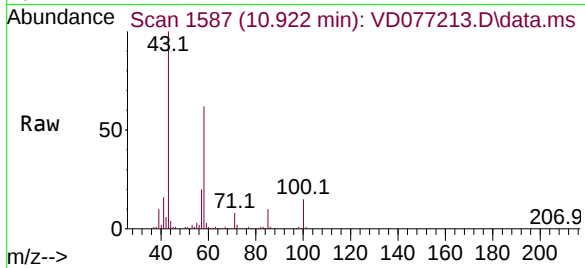




#48
2-Hexanone
Concen: 67.869 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

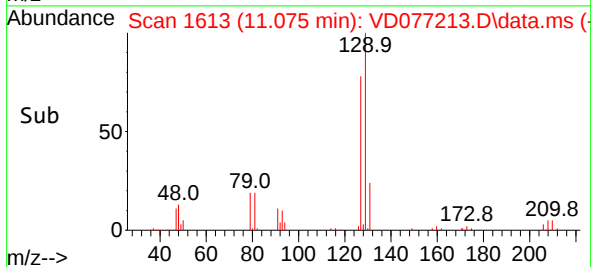
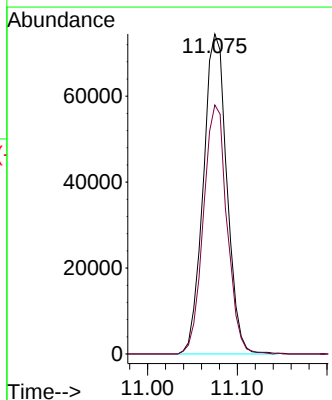
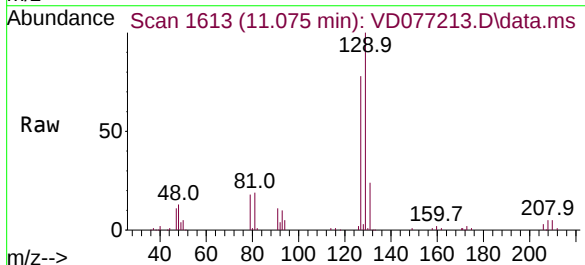
Instrument :
MSVOA_D
ClientSampleId :

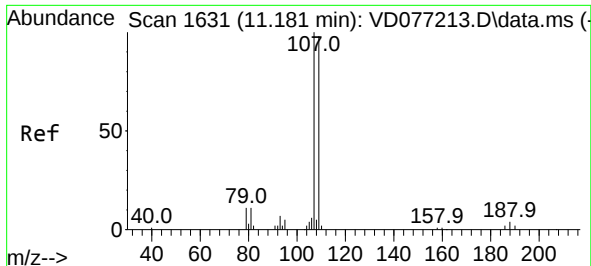
Tgt Ion: 43 Resp: 134857
Ion Ratio Lower Upper
43 100
58 59.8 47.8 71.8
57 19.5 15.6 23.4
100 14.5 11.6 17.4



#49
Dibromochloromethane
Concen: 30.060 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion: 129 Resp: 135733
Ion Ratio Lower Upper
129 100
127 77.8 54.5 101.1

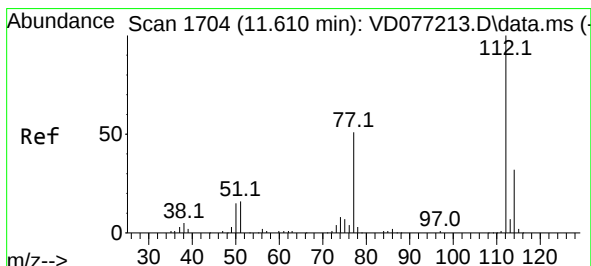
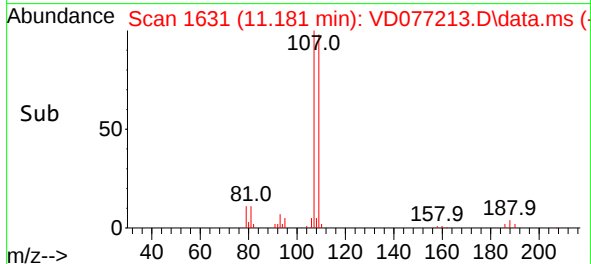
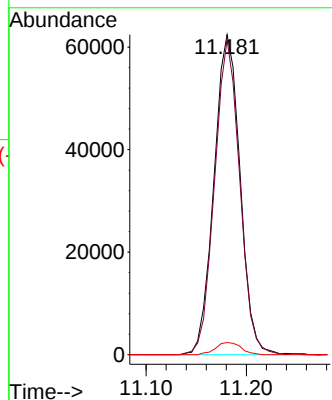
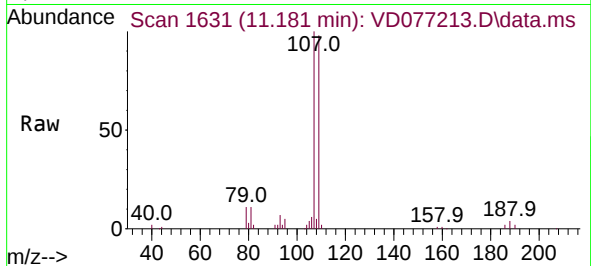




#50
1,2-Dibromoethane
Concen: 29.686 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

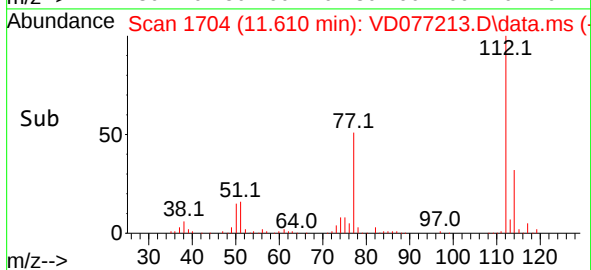
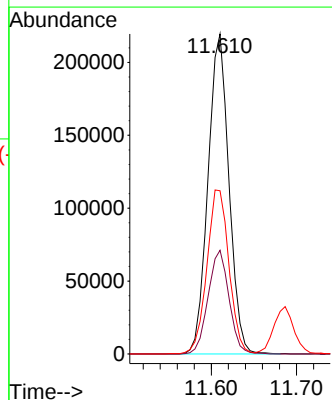
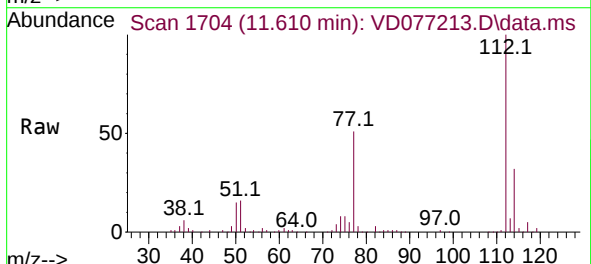
Instrument :
MSVOA_D
ClientSampleId :

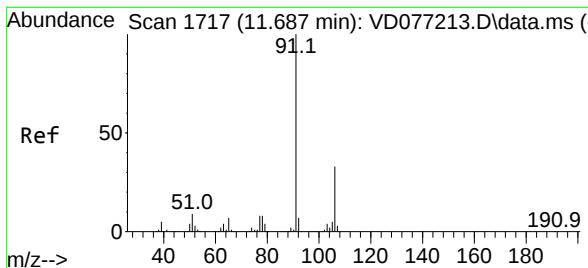
Tgt Ion:107 Resp: 112447
Ion Ratio Lower Upper
107 100
109 98.3 68.8 127.8
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 29.053 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion:112 Resp: 375306
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.1
77 51.0 40.8 61.2

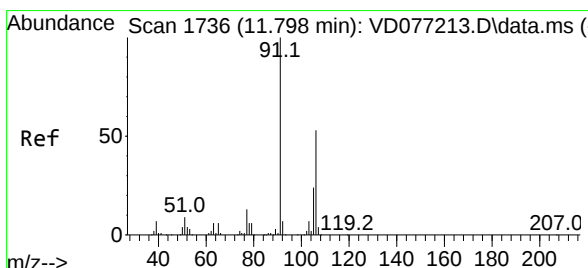
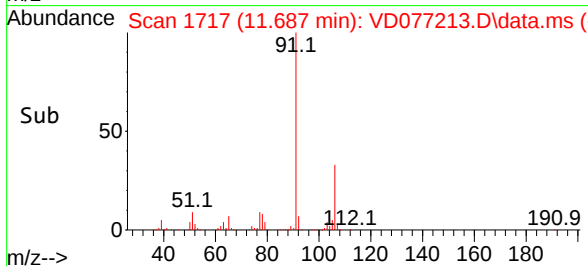
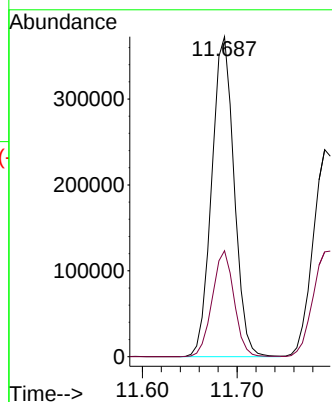
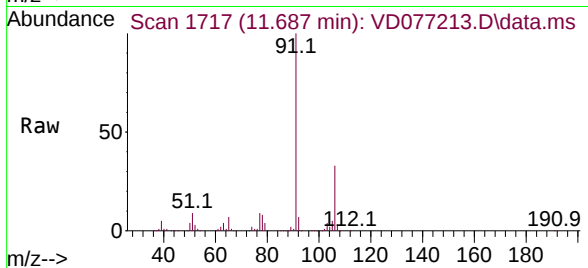




#52
Ethylbenzene
Concen: 29.322 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

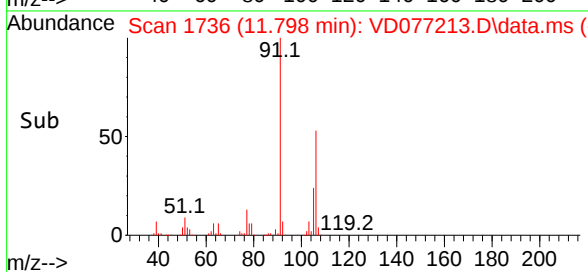
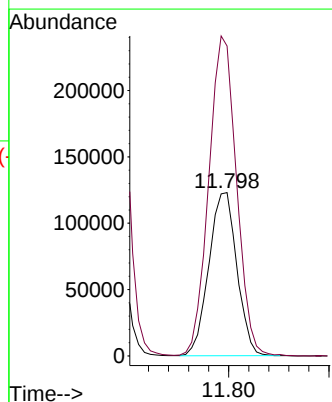
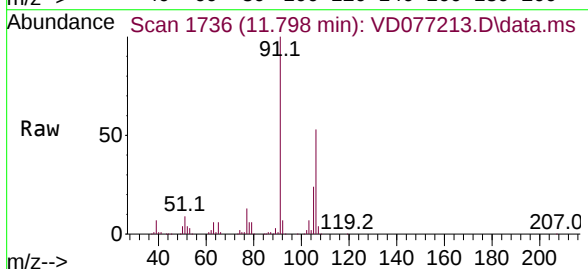
Instrument :
MSVOA_D
ClientSampleId :

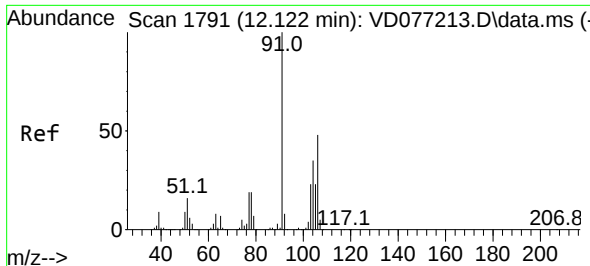
Tgt Ion: 91 Resp: 612055
Ion Ratio Lower Upper
91 100
106 33.1 23.2 43.0



#53
m,p-Xylene
Concen: 29.604 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion:106 Resp: 238686
Ion Ratio Lower Upper
106 100
91 189.7 132.8 246.6

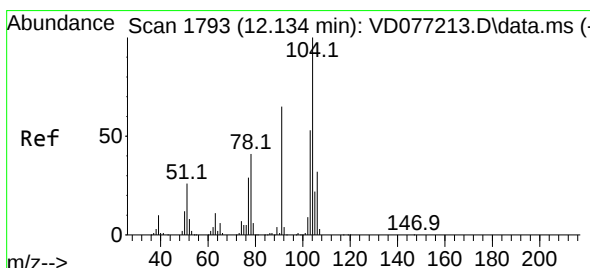
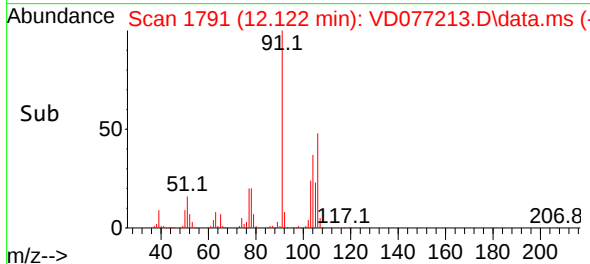
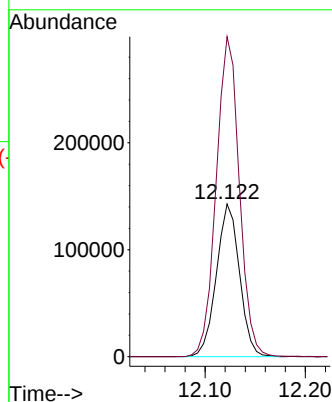
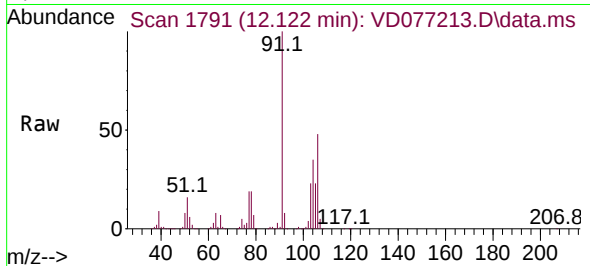




#54
o-Xylene
Concen: 29.367 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

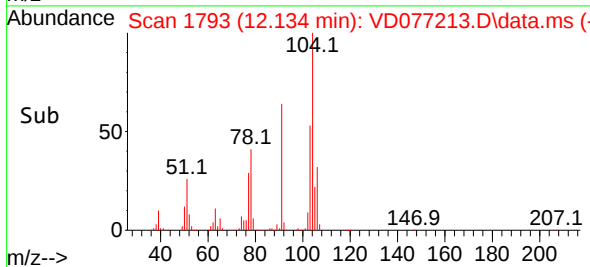
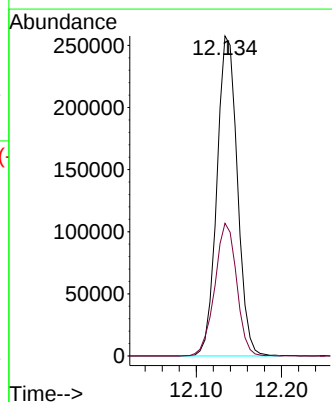
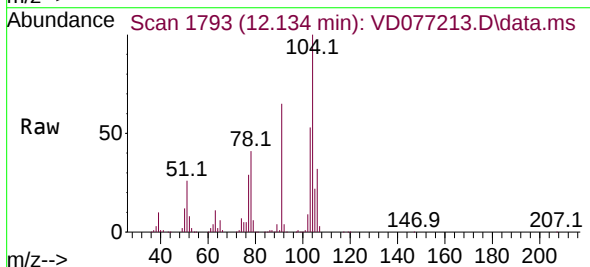
Instrument :
MSVOA_D
ClientSampleId :

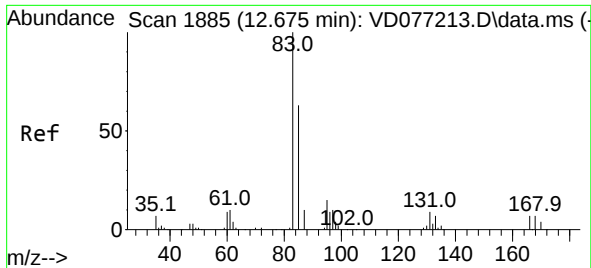
Tgt Ion:106 Resp: 228215
Ion Ratio Lower Upper
106 100
91 209.6 146.7 272.5



#55
Styrene
Concen: 30.788 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion:104 Resp: 430967
Ion Ratio Lower Upper
104 100
78 41.4 29.0 53.8

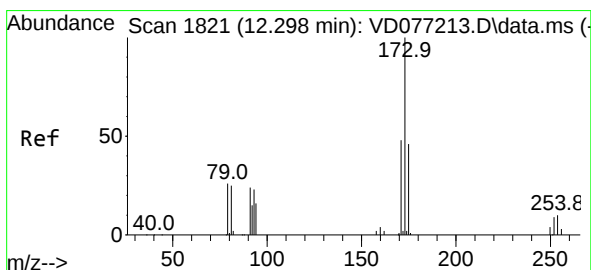
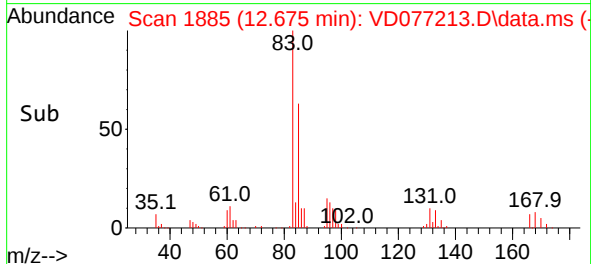
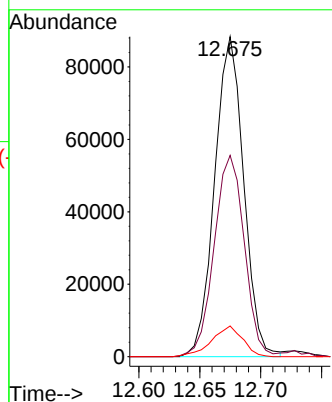
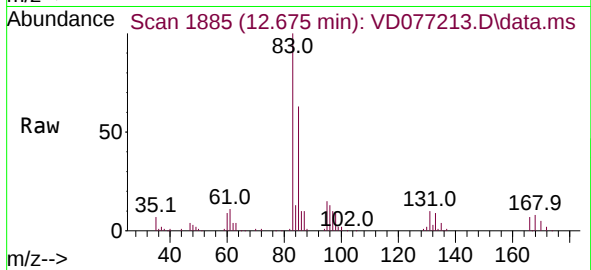




#57
1,1,2,2-Tetrachloroethane
Concen: 31.849 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

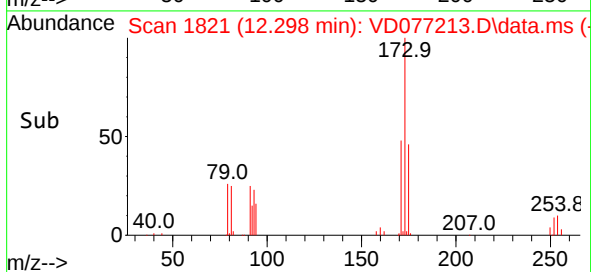
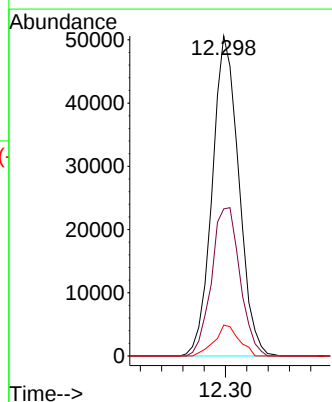
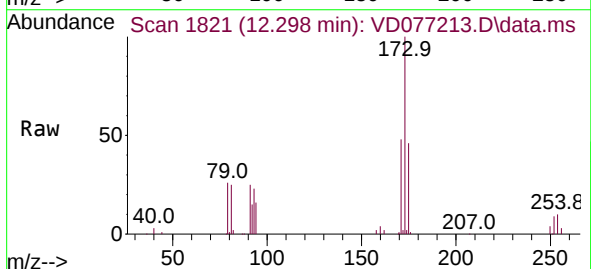
Instrument :
MSVOA_D
ClientSampleId :

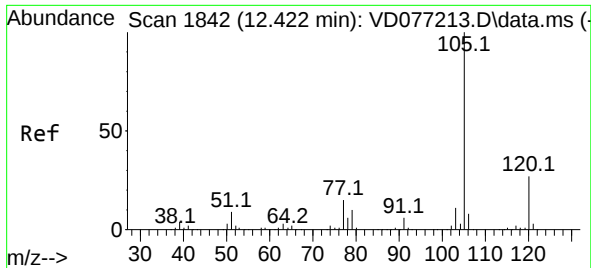
Tgt Ion: 83 Resp: 146719
Ion Ratio Lower Upper
83 100
85 62.9 44.0 81.8
131 9.6 7.7 11.5



#59
Bromoform
Concen: 28.981 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion: 173 Resp: 87582
Ion Ratio Lower Upper
173 100
175 49.4 39.5 59.3
254 8.9 7.1 10.7

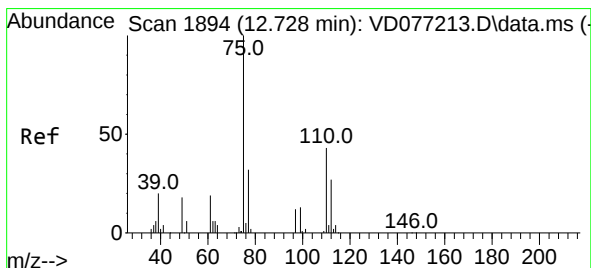
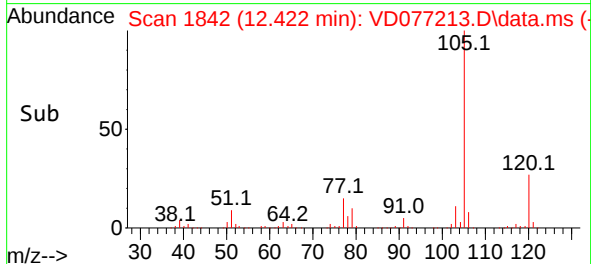
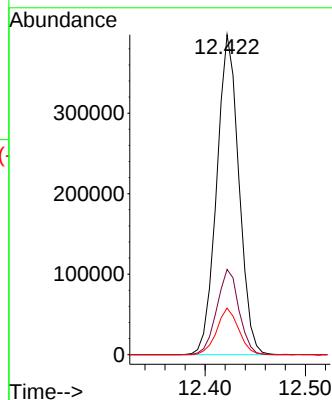
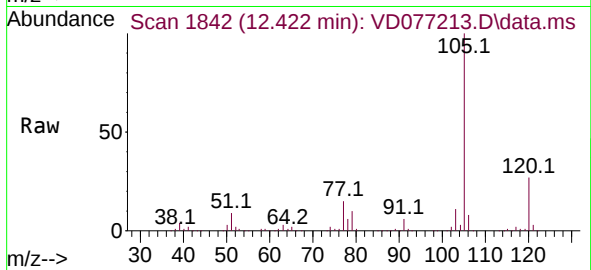




#60
Isopropylbenzene
Concen: 28.582 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

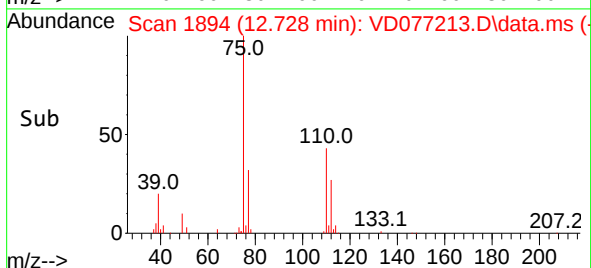
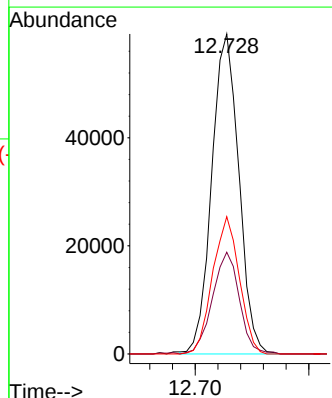
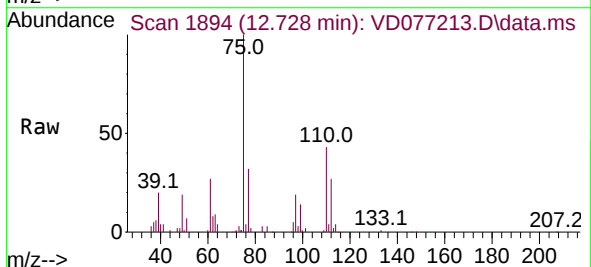
Instrument :
MSVOA_D
ClientSampleId :

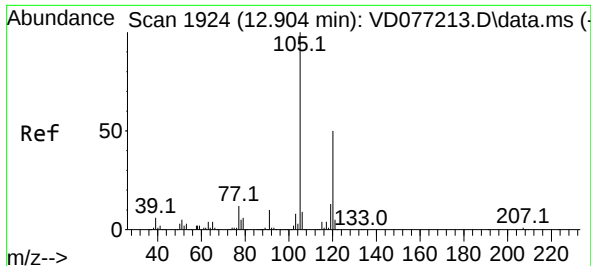
Tgt Ion:105 Resp: 610872
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 14.4 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 30.088 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion: 75 Resp: 98055
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
110 42.3 33.8 50.8





#62

1,3,5-Trimethylbenzene

Concen: 28.855 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077213.D

Acq: 25 Sep 2023 11:22

Instrument :

MSVOA_D

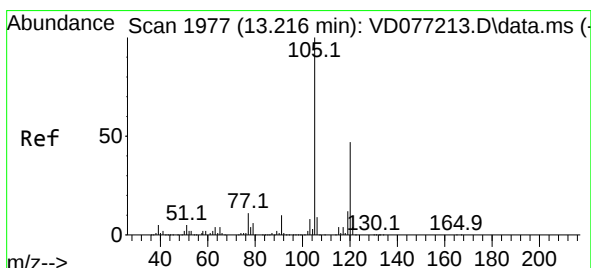
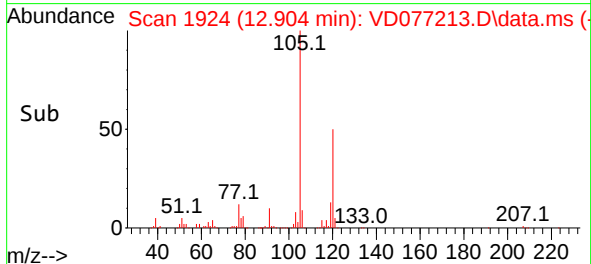
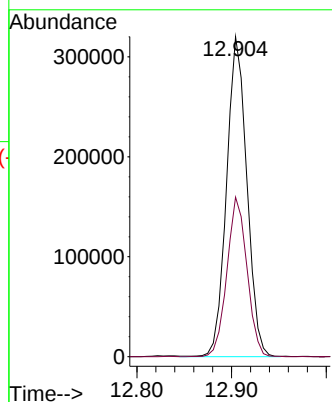
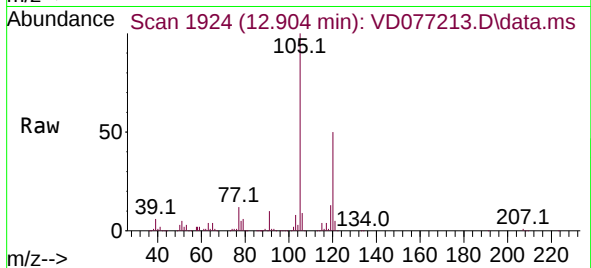
ClientSampleId :

Tgt Ion:105 Resp: 476775

Ion Ratio Lower Upper

105 100

120 49.3 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 29.511 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD077213.D

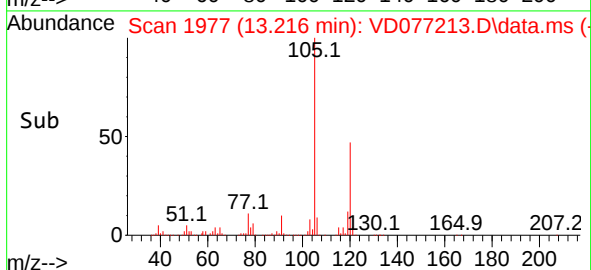
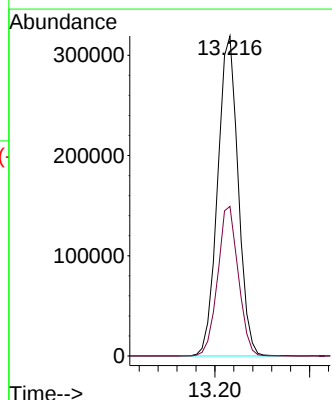
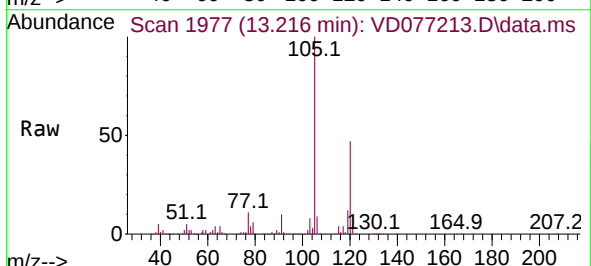
Acq: 25 Sep 2023 11:22

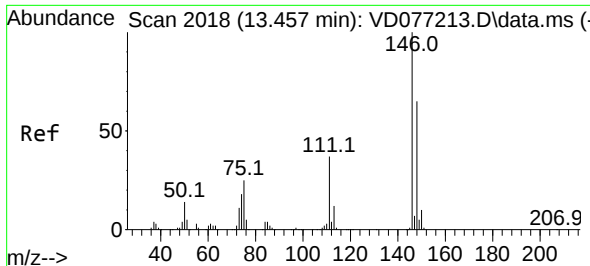
Tgt Ion:105 Resp: 479755

Ion Ratio Lower Upper

105 100

120 47.0 37.6 56.4

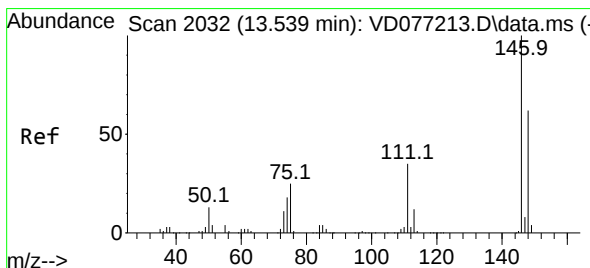
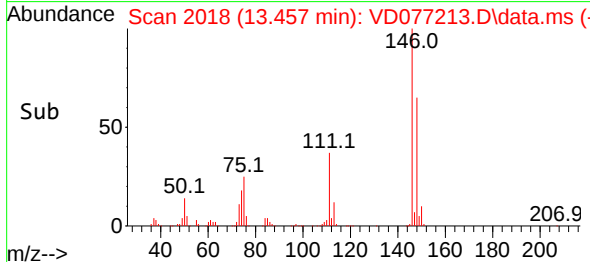
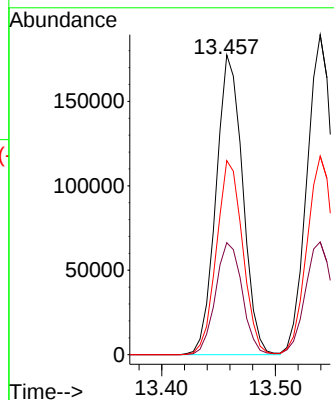
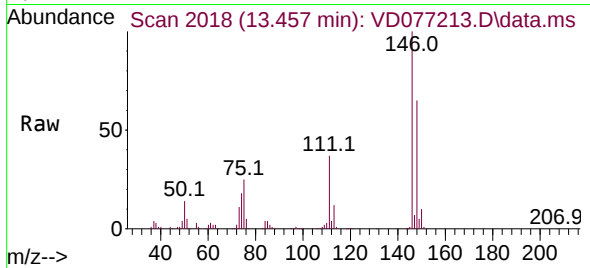




#64
 1,3-Dichlorobenzene
 Concen: 28.256 ug/L
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077213.D
 Acq: 25 Sep 2023 11:22

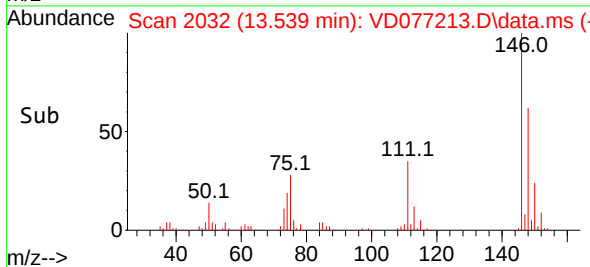
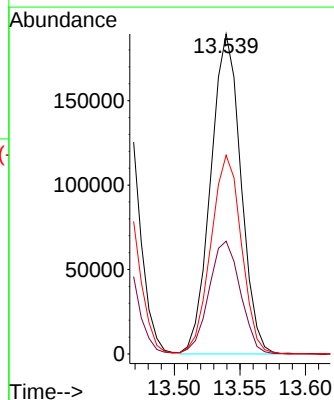
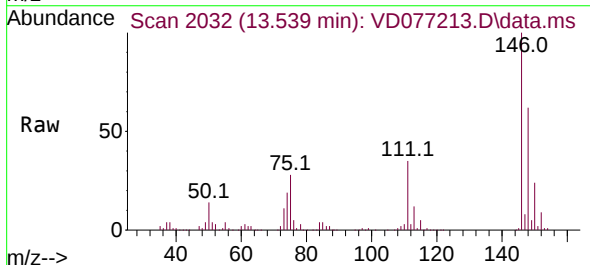
Instrument :
 MSVOA_D
 ClientSampleId :

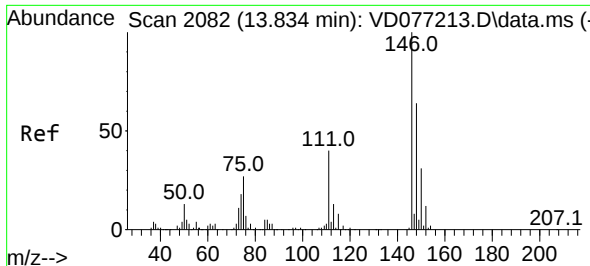
Tgt Ion:146 Resp: 289852
 Ion Ratio Lower Upper
 146 100
 111 37.3 26.1 48.5
 148 64.7 45.3 84.1



#65
 1,4-Dichlorobenzene
 Concen: 28.136 ug/L
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077213.D
 Acq: 25 Sep 2023 11:22

Tgt Ion:146 Resp: 303079
 Ion Ratio Lower Upper
 146 100
 111 35.2 24.6 45.8
 148 62.1 43.5 80.7

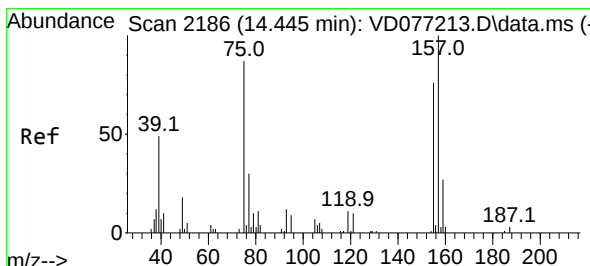
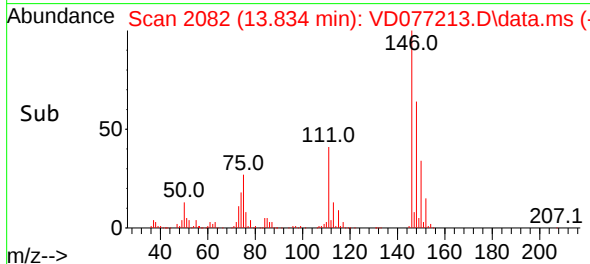
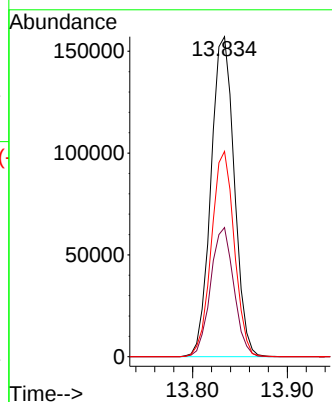
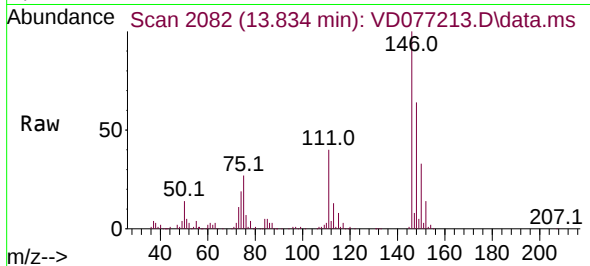




#67
1,2-Dichlorobenzene
Concen: 28.440 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

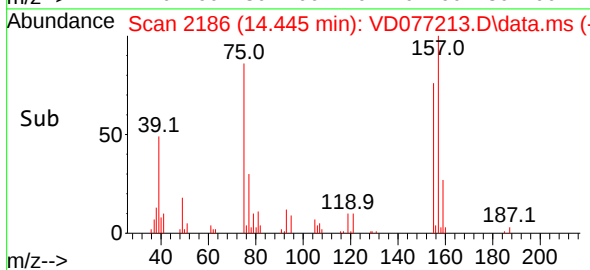
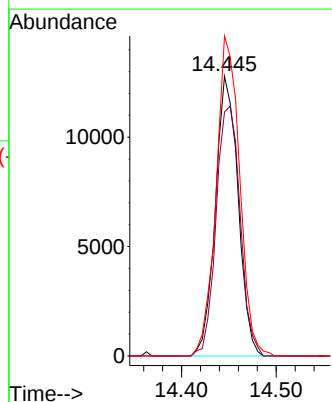
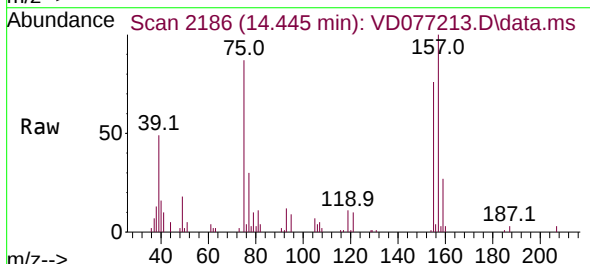
Instrument :
MSVOA_D
ClientSampleId :

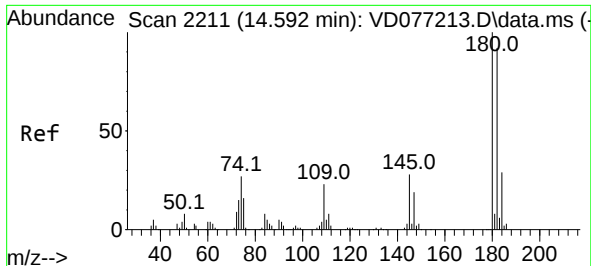
Tgt Ion:146 Resp: 269221
Ion Ratio Lower Upper
146 100
111 40.4 32.3 48.5
148 64.2 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 31.353 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077213.D
Acq: 25 Sep 2023 11:22

Tgt Ion: 75 Resp: 21231
Ion Ratio Lower Upper
75 100
155 87.2 69.8 104.6
157 114.4 91.5 137.3

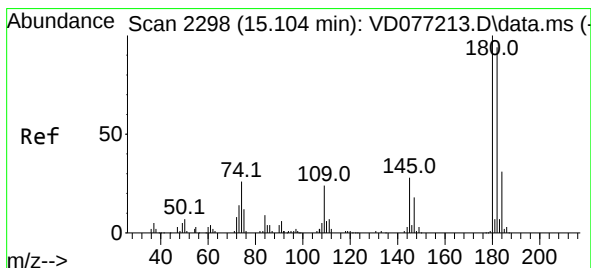
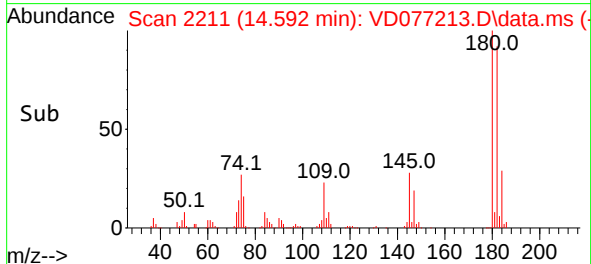
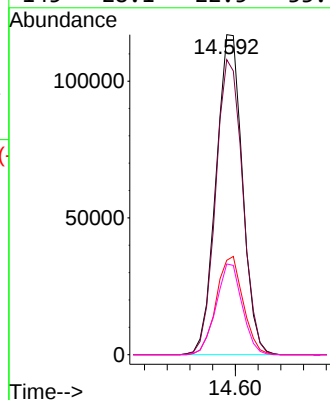
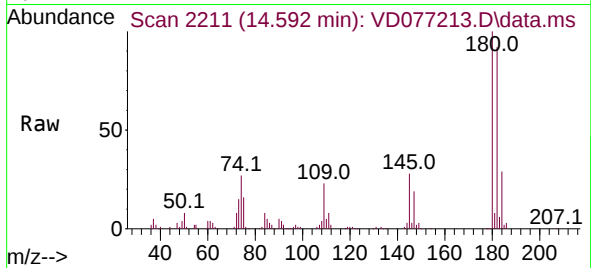




#69
 1,3,5-Trichlorobenzene
 Concen: 27.840 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD077213.D
 Acq: 25 Sep 2023 11:22

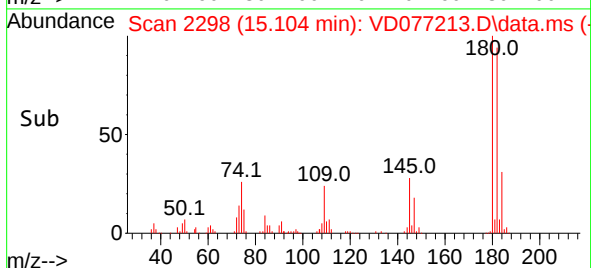
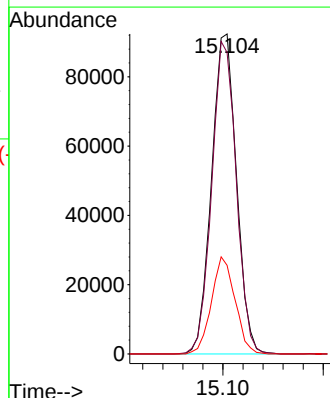
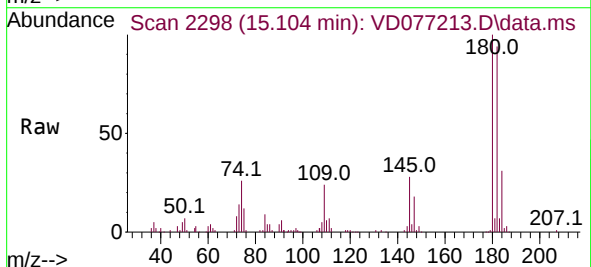
Instrument :
 MSVOA_D
 ClientSampleId :

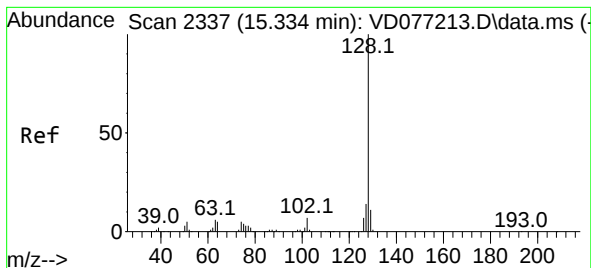
Tgt Ion:180 Resp: 188911
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.2 112.8
 184 31.2 25.0 37.4
 145 28.1 22.5 33.7



#70
 1,2,4-trichlorobenzene
 Concen: 27.550 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD077213.D
 Acq: 25 Sep 2023 11:22

Tgt Ion:180 Resp: 159380
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.8 115.2
 145 28.8 23.0 34.6





#71

Naphthalene

Concen: 29.255 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077213.D

Acq: 25 Sep 2023 11:22

Instrument :

MSVOA_D

ClientSampleId :

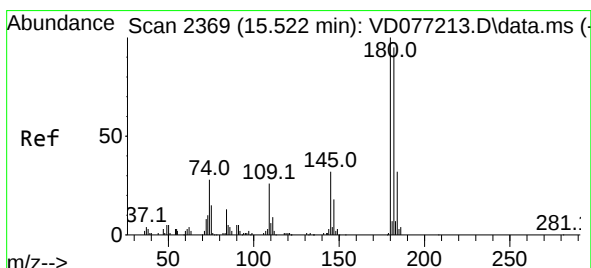
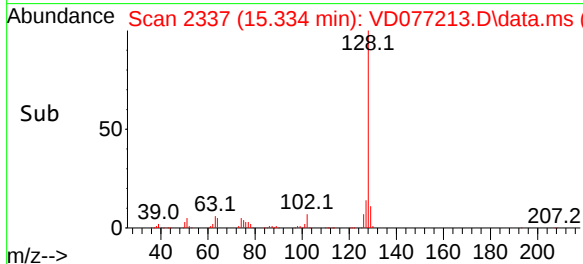
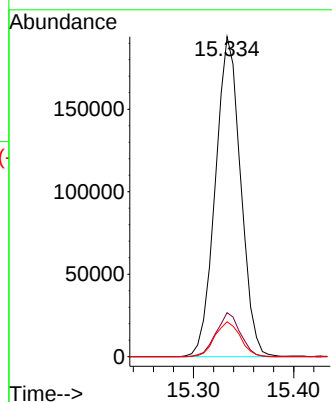
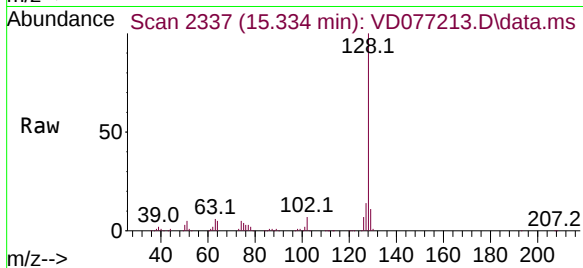
Tgt Ion:128 Resp: 340282

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 28.322 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077213.D

Acq: 25 Sep 2023 11:22

Tgt Ion:180 Resp: 151803

Ion Ratio Lower Upper

180 100

182 96.8 77.4 116.2

145 31.9 25.5 38.3

