

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090123\
 Data File : VD077081.D
 Acq On : 01 Sep 2023 11:46
 Operator : JC/SY
 Sample : VSTD05067
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 02 01:22:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:20:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	301692	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	306563	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	168236	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	440976	50.310	ug/L	0.00
7) Chloroethane-d5	2.799	69	357998	45.458	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	98764	48.459	ug/L	0.00
21) 2-Butanone-d5	6.981	46	102029	78.354	ug/L	0.00
24) Chloroform-d	7.757	84	417	0.042	ug/L	0.19
26) 1,2-Dichloroethane-d4	8.228	65	236082	47.554	ug/L	0.00
32) Benzene-d6	8.199	84	1003549	50.510	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	286850	47.797	ug/L	0.00
41) Toluene-d8	10.269	98	957535	52.643	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	133773	48.845	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	89848	81.627	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	244426	42.914	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	316615	50.591	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	210543	42.358	ug/L	97
3) Chloromethane	2.146	50	353774	54.422	ug/L	99
5) Vinyl chloride	2.281	62	414845	44.946	ug/L	99
6) Bromomethane	2.693	94	288788	42.491	ug/L	93
8) Chloroethane	2.834	64	275057	44.603	ug/L	97
9) Trichlorofluoromethane	3.175	101	442529	57.194	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	242001	48.089	ug/L	99
12) 1,1-Dichloroethene	3.940	96	220981	49.421	ug/L	93
13) Acetone	4.022	43	115772	85.259	ug/L	97
14) Carbon disulfide	4.269	76	709521	46.562	ug/L	100
15) Methyl Acetate	4.563	43	91950	40.897	ug/L	# 77
16) Methylene chloride	4.799	84	255877	40.174	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	246529	49.166	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	524491	47.866	ug/L	99
19) 1,1-Dichloroethane	6.110	63	403542	48.027	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	284782	50.611	ug/L	93
22) 2-Butanone	7.075	43	145372	77.754	ug/L	98
23) Bromochloromethane	7.422	128	129972	47.630	ug/L	96
25) Chloroform	7.593	83	450838	48.866	ug/L	99
27) 1,2-Dichloroethane	8.322	62	266877	46.512	ug/L	99
29) Cyclohexane	7.881	56	324798	48.488	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	386455	50.260	ug/L	98
31) Carbon tetrachloride	7.987	117	333744	52.713	ug/L	100
33) Benzene	8.252	78	1025497	50.896	ug/L	100
34) Trichloroethene	9.028	95	259832	49.318	ug/L	96
35) Methylcyclohexane	9.275	83	429584	50.553	ug/L	99
37) 1,2-Dichloropropane	9.304	63	253314	49.668	ug/L	99
38) Bromodichloromethane	9.581	83	338198	48.089	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	419561	50.967	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	266619	84.195	ug/L	99
42) Toluene	10.334	91	1135681	51.848	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	349203	48.641	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:20:28 2023
 Response via : Initial Calibration

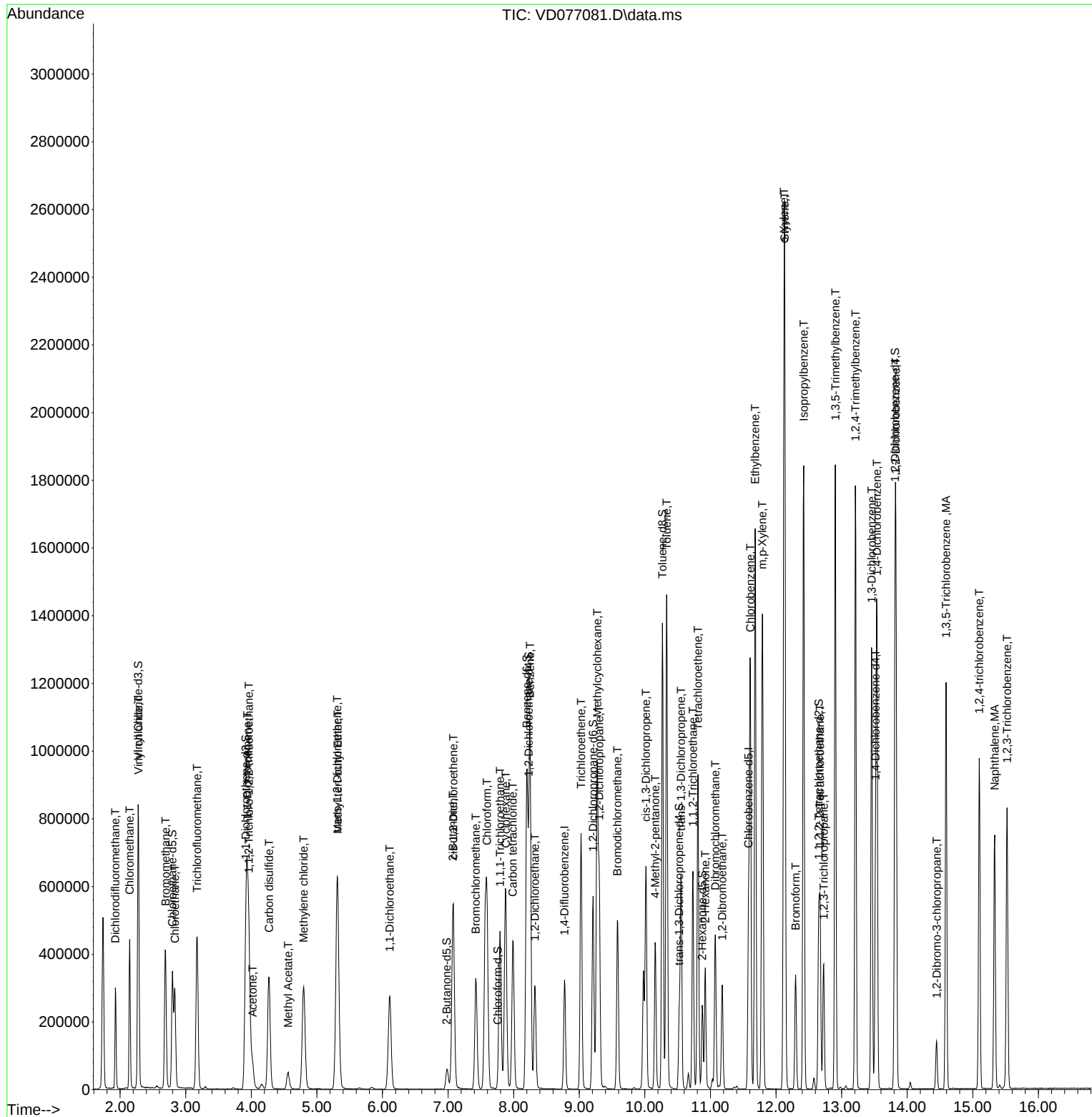
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	208994	46.672	ug/L	94
46) Tetrachloroethene	10.810	164	215729	53.820	ug/L	93
48) 2-Hexanone	10.922	43	209770	86.441	ug/L	99
49) Dibromochloromethane	11.075	129	246220	48.518	ug/L	97
50) 1,2-Dibromoethane	11.181	107	203070	46.135	ug/L	93
51) Chlorobenzene	11.610	112	728639	50.553	ug/L	97
52) Ethylbenzene	11.681	91	1244287	53.196	ug/L	100
53) m,p-Xylene	11.793	106	479627	52.966	ug/L	95
54) o-Xylene	12.122	106	471885	54.161	ug/L	99
55) Styrene	12.134	104	849053	53.982	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	237205	42.980	ug/L	99
59) Bromoform	12.298	173	156468	46.782	ug/L	99
60) Isopropylbenzene	12.422	105	1236930	51.328	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	154644	40.343	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	977108	52.994	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	973218	53.254	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	557700	50.296	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	571251	49.991	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	513826	49.608	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	33451	37.689	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	377502	54.214	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	320411	52.464	ug/L	99
71) Naphthalene	15.333	128	660710	47.165	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	290806	52.659	ug/L	100

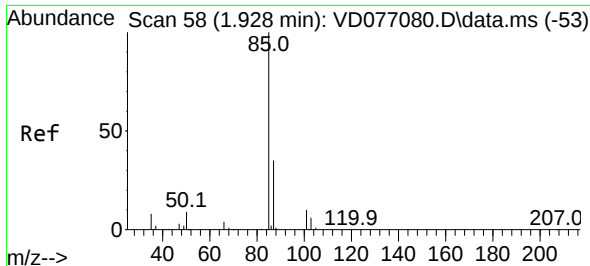
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD0708123\
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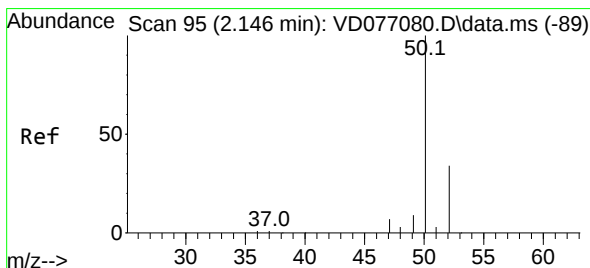
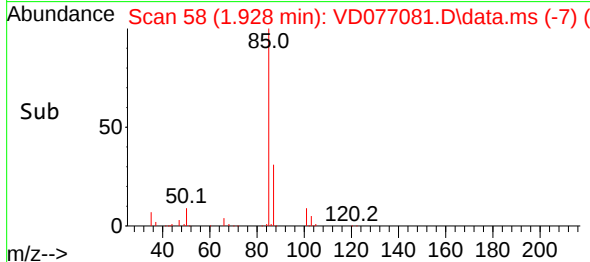
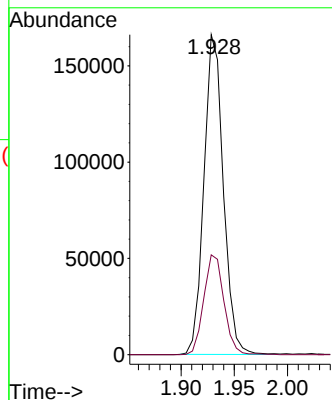
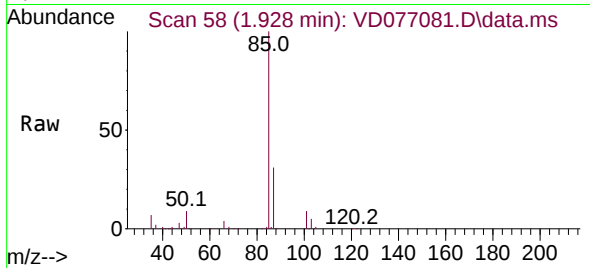




#2
Dichlorodifluoromethane
Concen: 42.358 ug/L
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

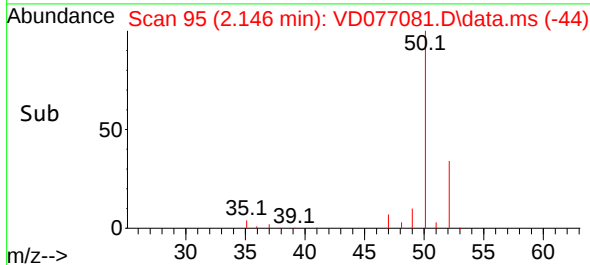
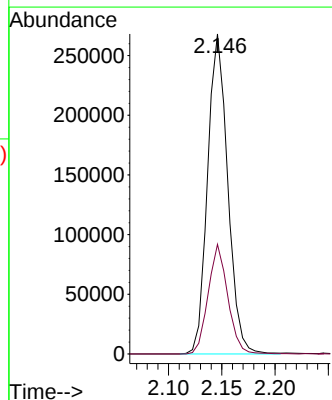
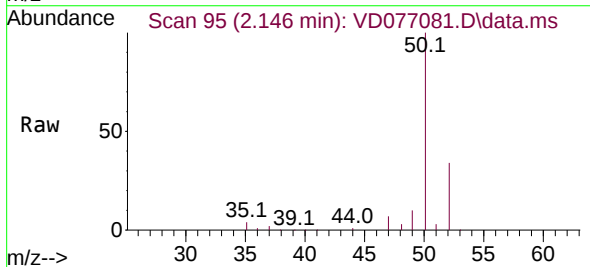
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MSVOA_D
ClientSampleId :

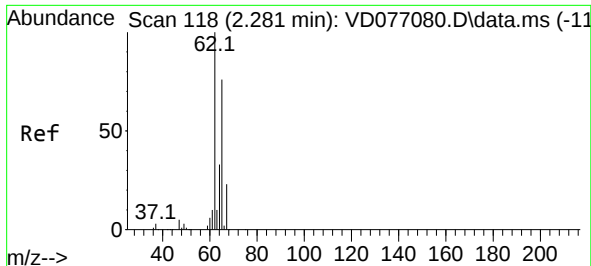
Tgt Ion: 85 Resp: 210543
Ion Ratio Lower Upper
85 100
87 32.4 27.0 40.6



#3
Chloromethane
Concen: 54.422 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Tgt Ion: 50 Resp: 353774
Ion Ratio Lower Upper
50 100
52 34.2 23.5 43.7

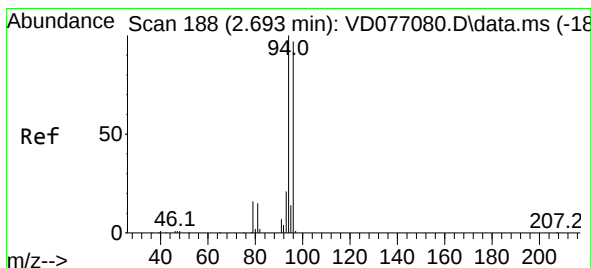
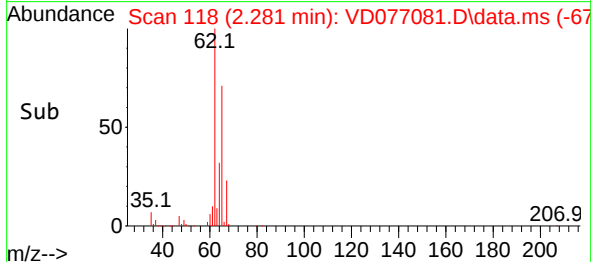
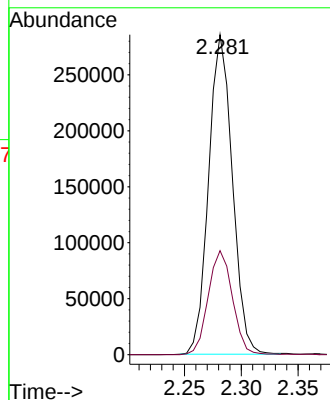
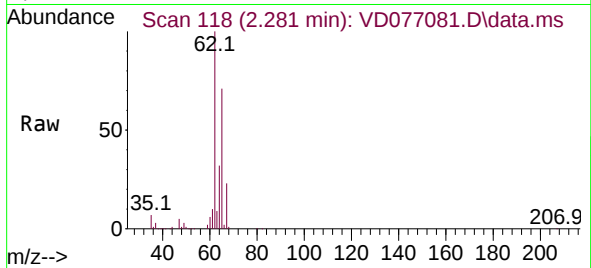




#5
 Vinyl chloride
 Concen: 44.946 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD077081.D
 Acq: 01 Sep 2023 11:46

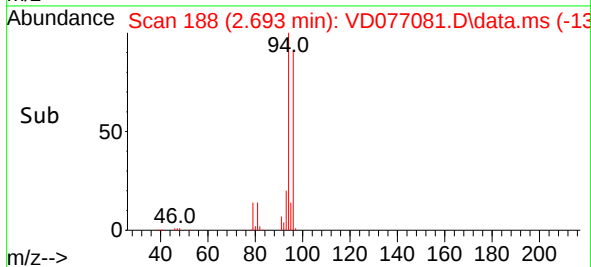
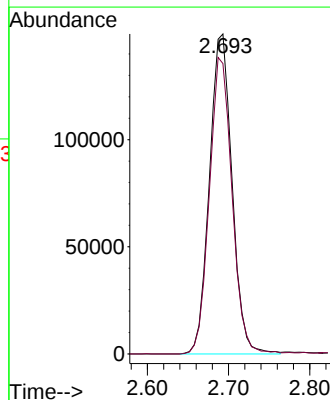
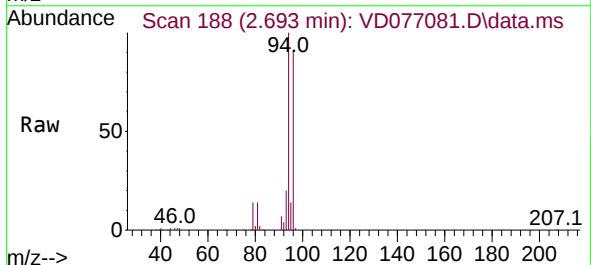
Instrument :
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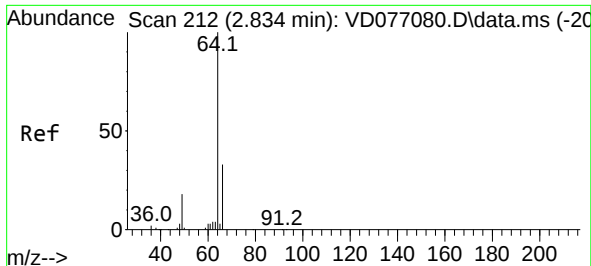
Tgt Ion: 62 Resp: 414845
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.2



#6
 Bromomethane
 Concen: 42.491 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD077081.D
 Acq: 01 Sep 2023 11:46

Tgt Ion: 94 Resp: 288788
 Ion Ratio Lower Upper
 94 100
 96 90.7 68.2 126.6

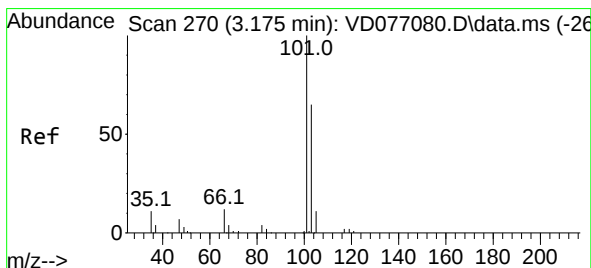
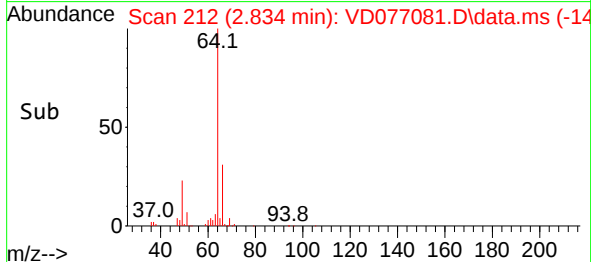
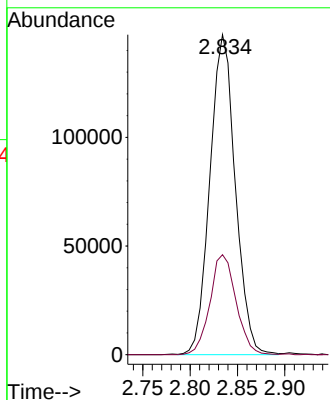
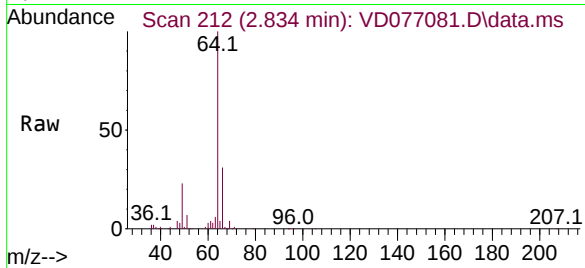




#8
Chloroethane
Concen: 44.603 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

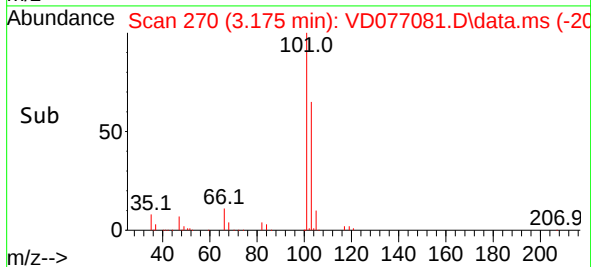
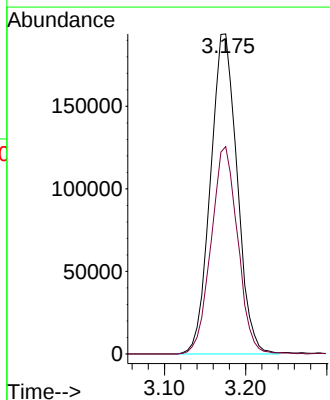
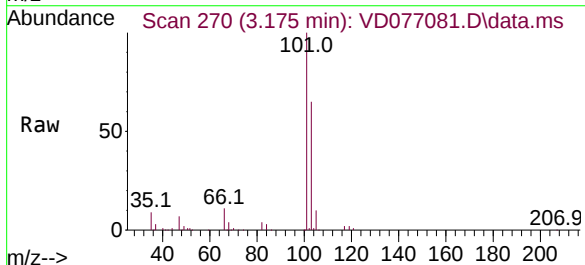
Instrument :
MSVOA_D
ClientSampleId :

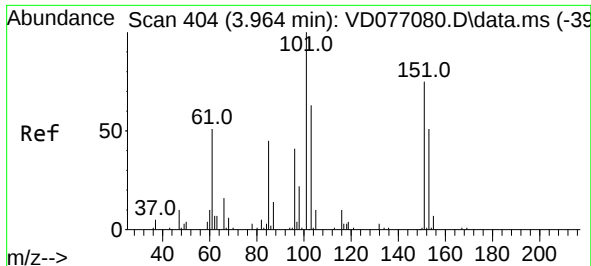
Tgt Ion: 64 Resp: 275057
Ion Ratio Lower Upper
64 100
66 31.2 23.0 42.6



#9
Trichlorofluoromethane
Concen: 57.194 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Tgt Ion:101 Resp: 442529
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

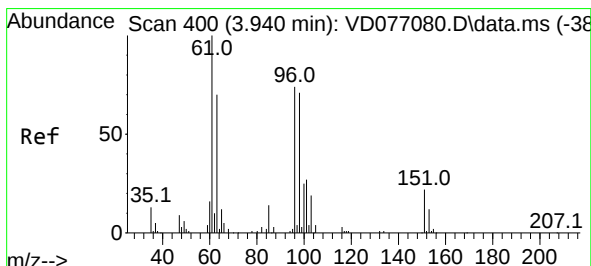
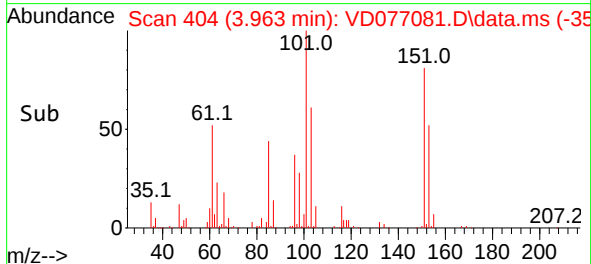
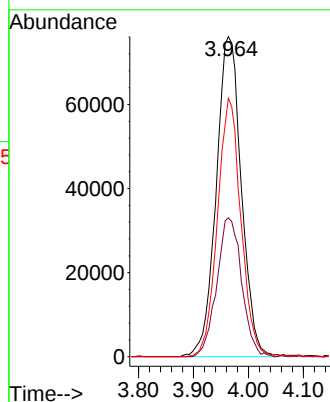
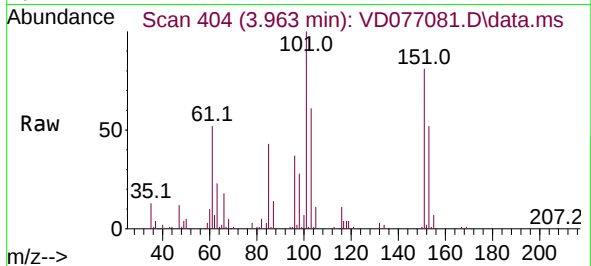




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.089 ug/L
 RT: 3.963 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD077081.D
 Acq: 01 Sep 2023 11:46

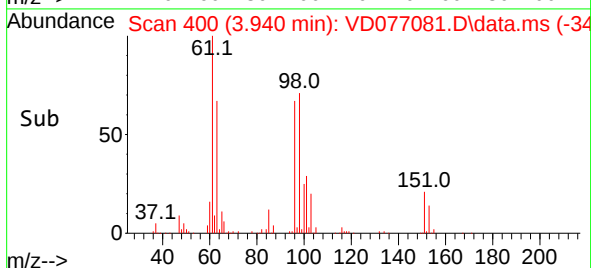
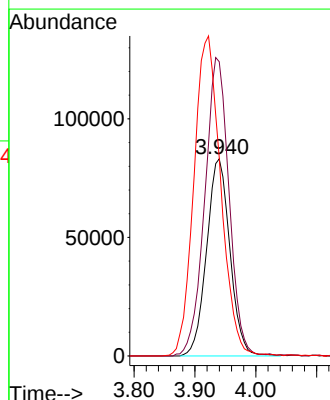
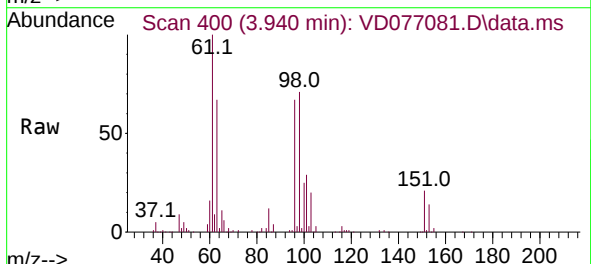
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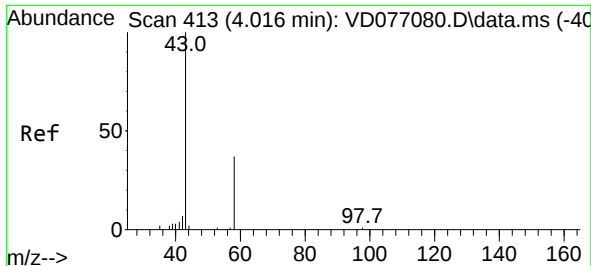
Tgt Ion:	101	Resp:	242001
Ion	Ratio	Lower	Upper
101	100		
85	42.6	33.4	50.2
151	75.0	59.6	89.4



#12
 1,1-Dichloroethene
 Concen: 49.421 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD077081.D
 Acq: 01 Sep 2023 11:46

Tgt Ion:	96	Resp:	220981
Ion	Ratio	Lower	Upper
96	100		
61	149.2	95.5	177.3
63	100.6	68.6	127.4





#13

Acetone

Concen: 85.259 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

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Instrument :

MSVOA_D

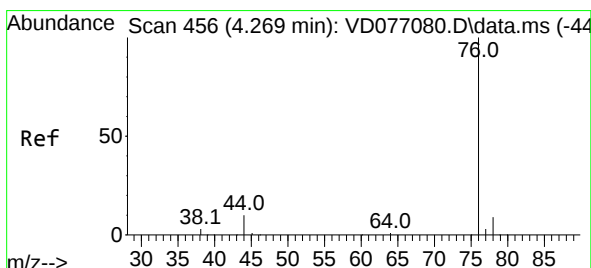
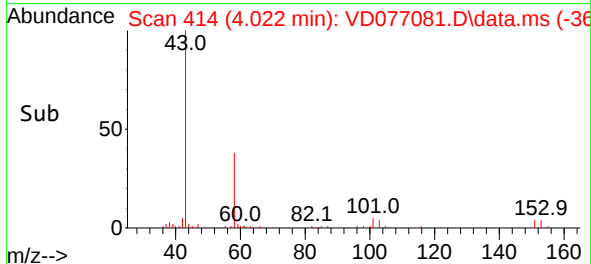
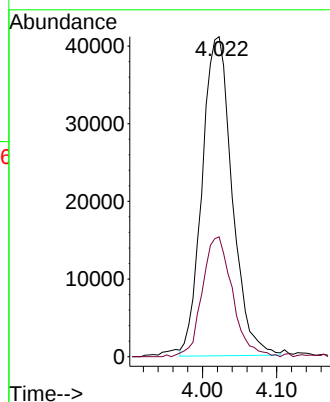
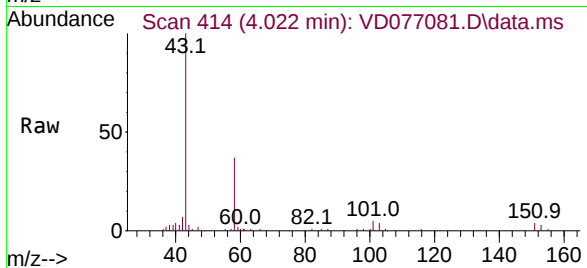
ClientSampleId :

Tgt Ion: 43 Resp: 115772

Ion Ratio Lower Upper

43 100

58 37.6 0.0 71.8



#14

Carbon disulfide

Concen: 46.562 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD077081.D

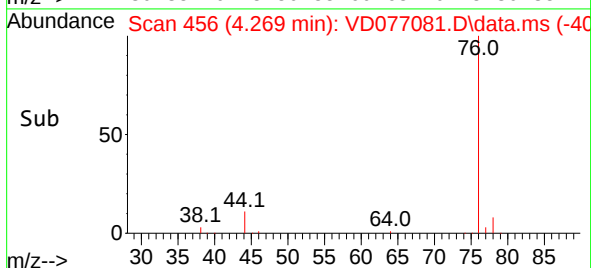
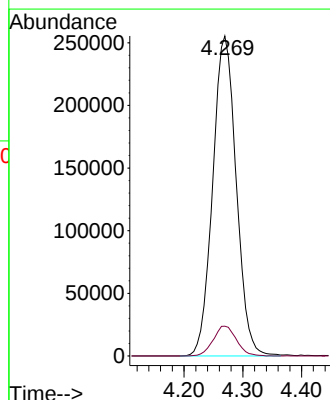
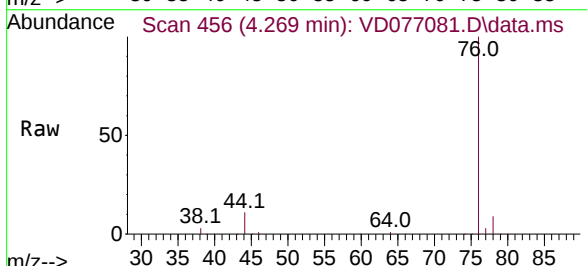
Acq: 01 Sep 2023 11:46

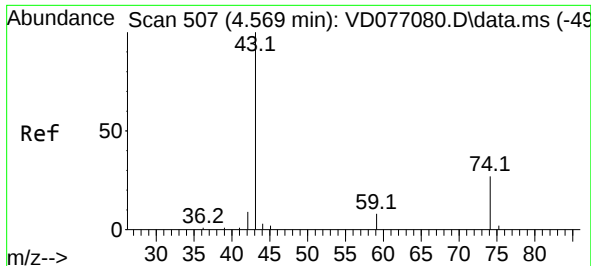
Tgt Ion: 76 Resp: 709521

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

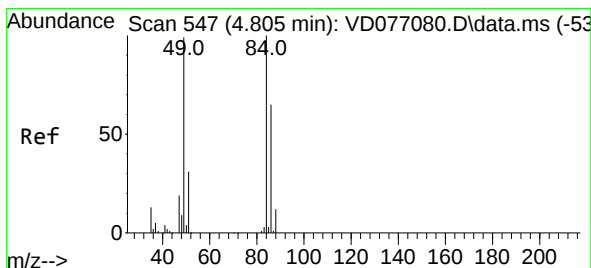
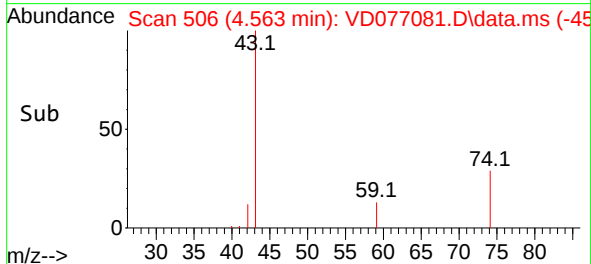
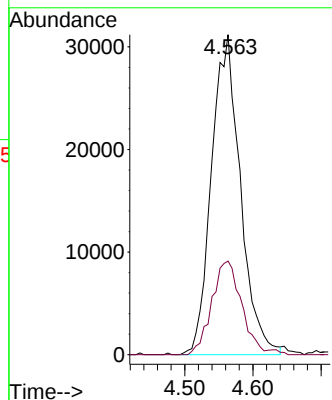
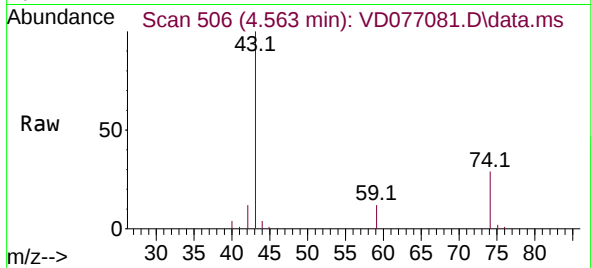




#15
Methyl Acetate
Concen: 40.897 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

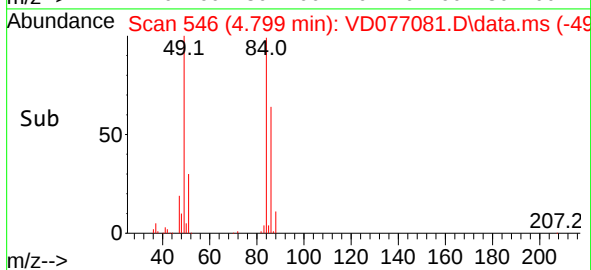
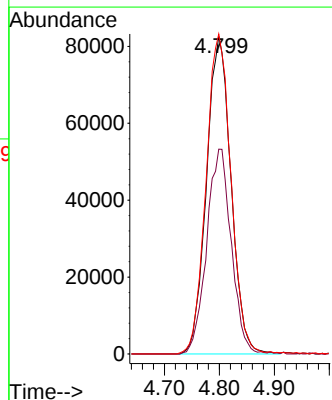
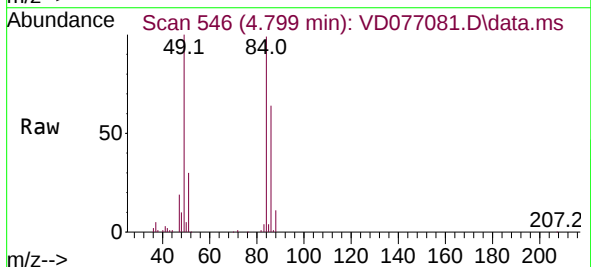
Instrument :
MSVOA_D
ClientSampleId :

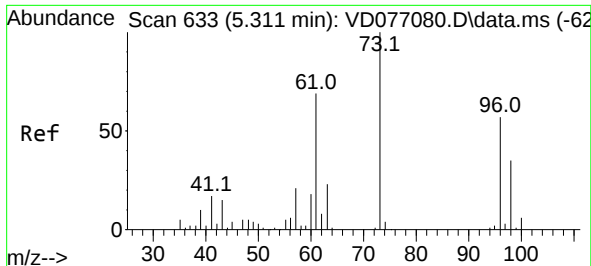
Tgt Ion: 43 Resp: 91950
Ion Ratio Lower Upper
43 100
74 29.8 0.2 0.2#



#16
Methylene chloride
Concen: 40.174 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Tgt Ion: 84 Resp: 255877
Ion Ratio Lower Upper
84 100
86 64.6 45.3 84.1
49 100.8 69.2 128.6





#17

trans-1,2-Dichloroethene

Concen: 49.166 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

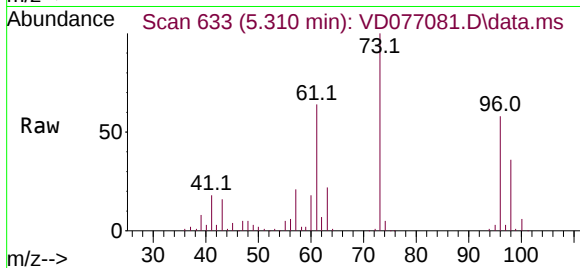
Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :



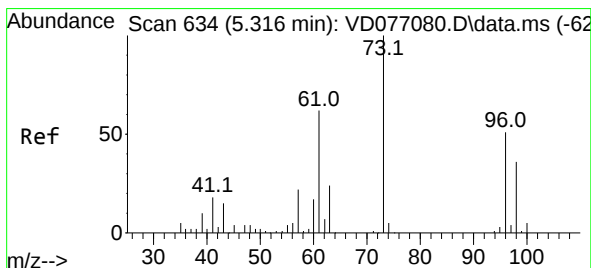
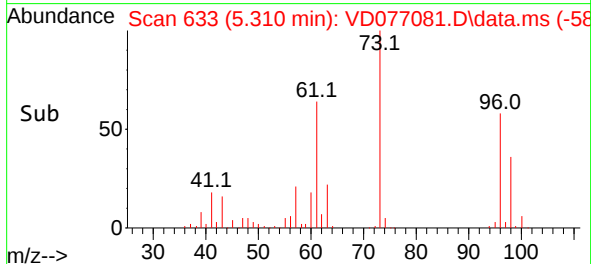
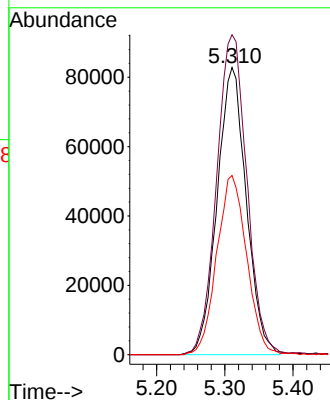
Tgt Ion: 96 Resp: 246529

Ion Ratio Lower Upper

96 100

61 111.4 85.1 158.1

98 62.4 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 47.866 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

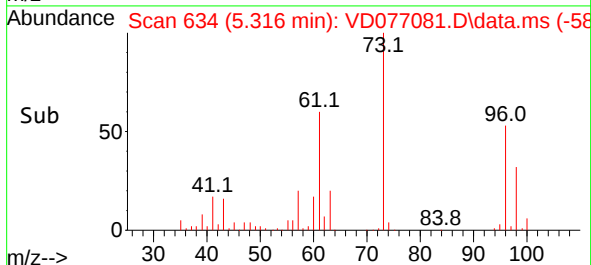
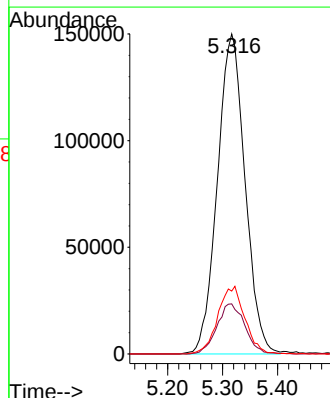
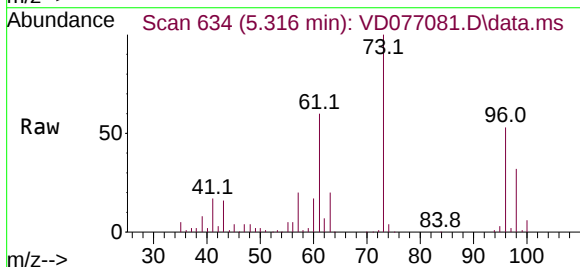
Tgt Ion: 73 Resp: 524491

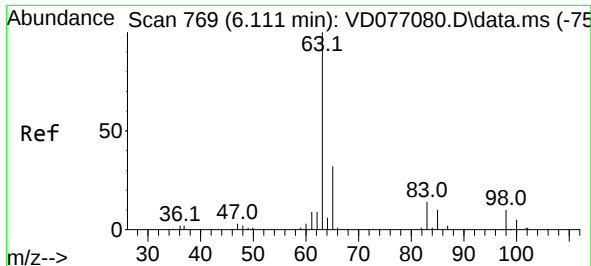
Ion Ratio Lower Upper

73 100

43 15.9 12.5 18.7

57 20.5 16.8 25.2





#19

1,1-Dichloroethane

Concen: 48.027 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

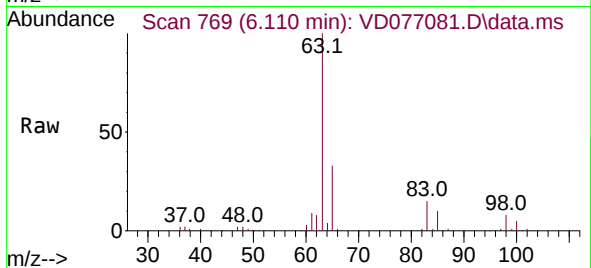
Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :



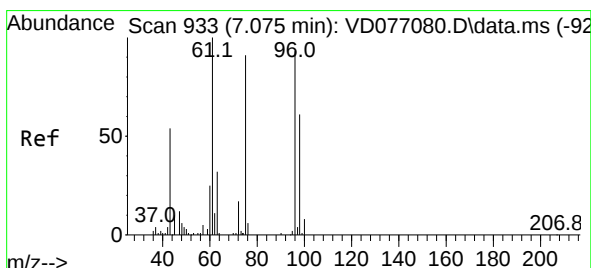
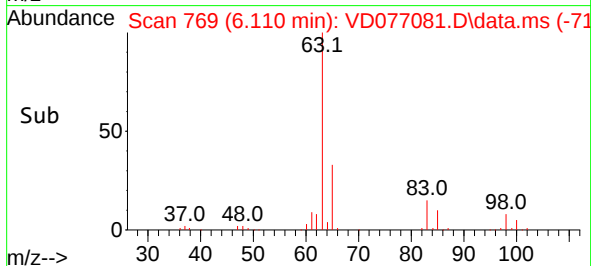
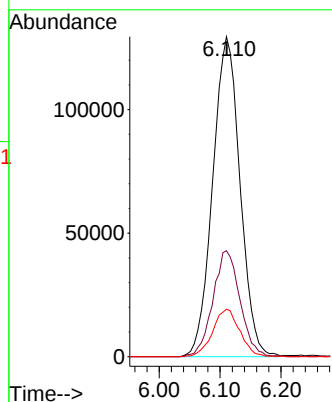
Tgt Ion: 63 Resp: 403542

Ion Ratio Lower Upper

63 100

65 33.1 22.5 41.9

83 14.8 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 50.611 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

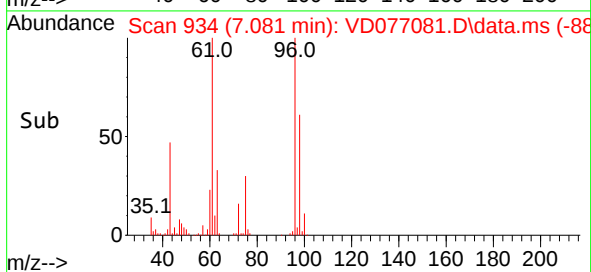
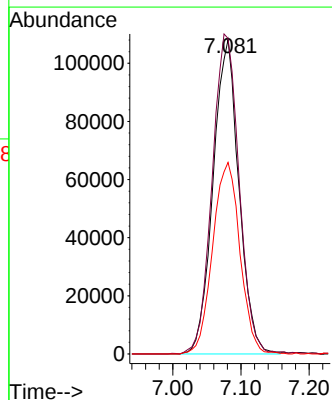
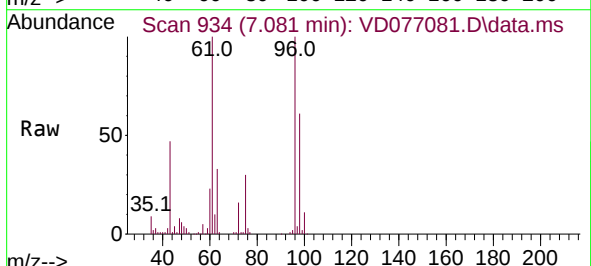
Tgt Ion: 96 Resp: 284782

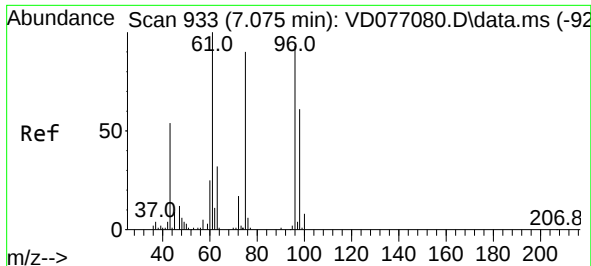
Ion Ratio Lower Upper

96 100

61 100.4 75.5 140.1

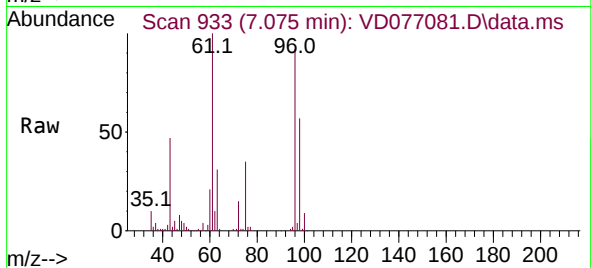
98 60.9 45.8 85.0



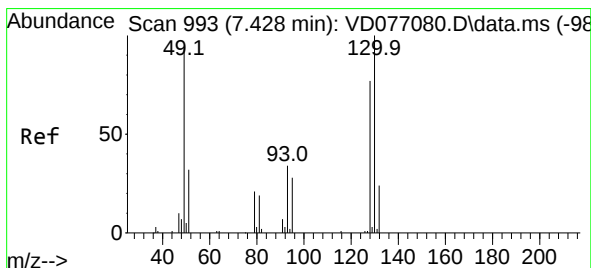
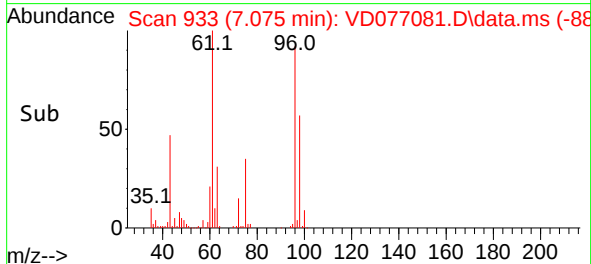
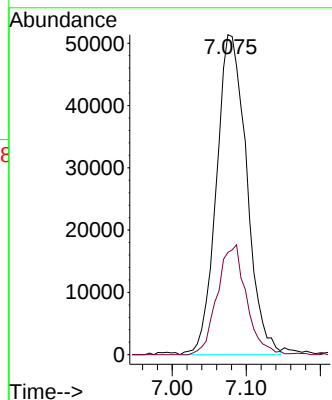


#22
2-Butanone
Concen: 77.754 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :

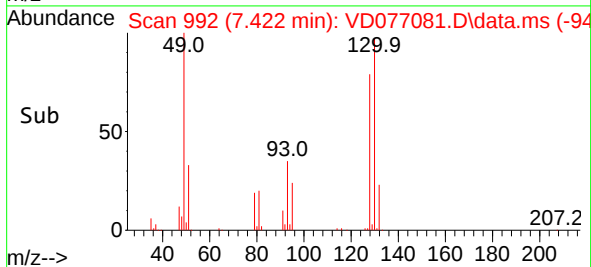
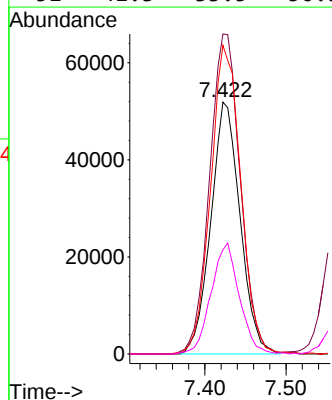
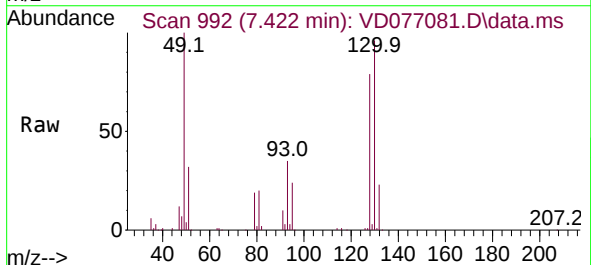


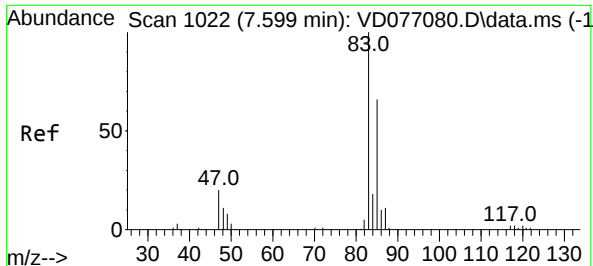
Tgt Ion: 43 Resp: 145372
Ion Ratio Lower Upper
43 100
72 33.1 16.0 48.0



#23
Bromochloromethane
Concen: 47.630 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Tgt Ion:128 Resp: 129972
Ion Ratio Lower Upper
128 100
49 127.1 86.5 160.6
130 122.6 91.2 169.4
51 41.3 33.5 50.3





#25

Chloroform

Concen: 48.866 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

Instrument :

MSVOA_D

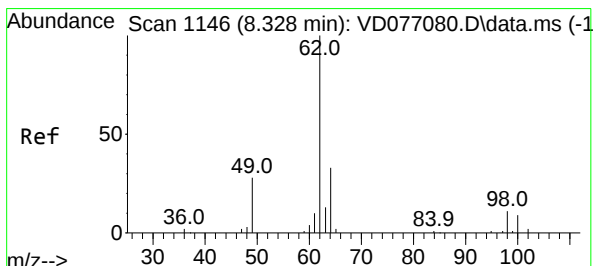
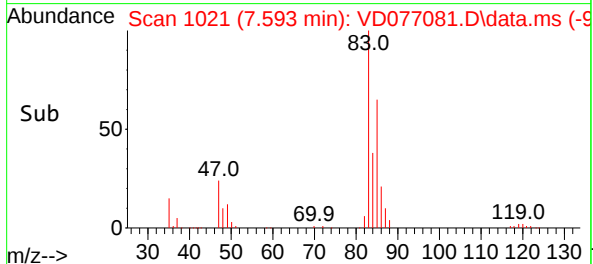
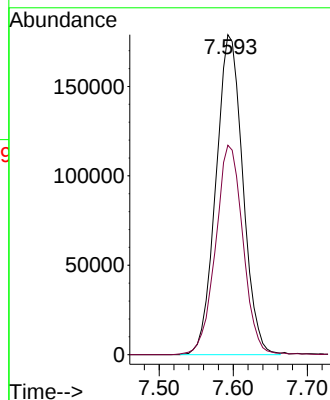
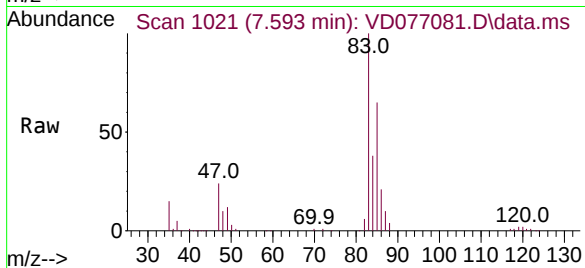
ClientSampleId :

Tgt Ion: 83 Resp: 450838

Ion Ratio Lower Upper

83 100

85 65.5 46.2 85.8



#27

1,2-Dichloroethane

Concen: 46.512 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD077081.D

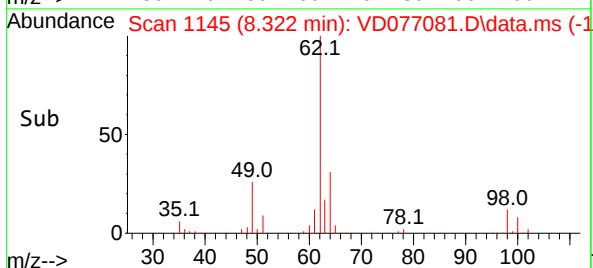
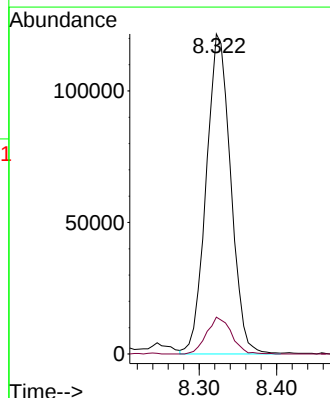
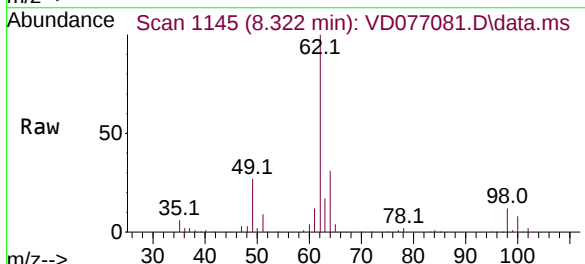
Acq: 01 Sep 2023 11:46

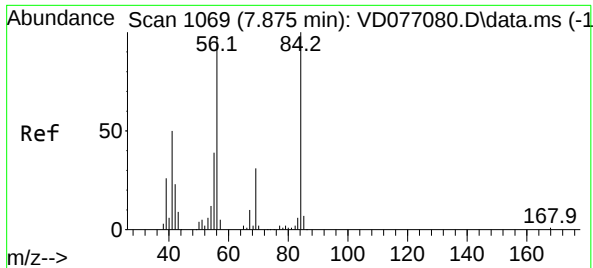
Tgt Ion: 62 Resp: 266877

Ion Ratio Lower Upper

62 100

98 11.5 9.0 13.4





#29

Cyclohexane

Concen: 48.488 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

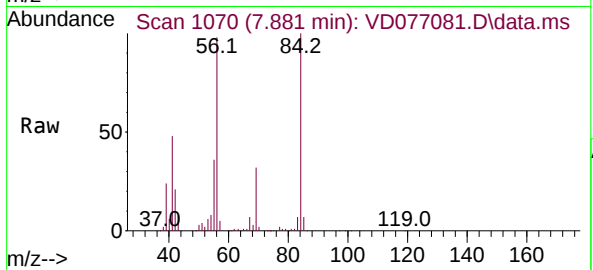
Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :



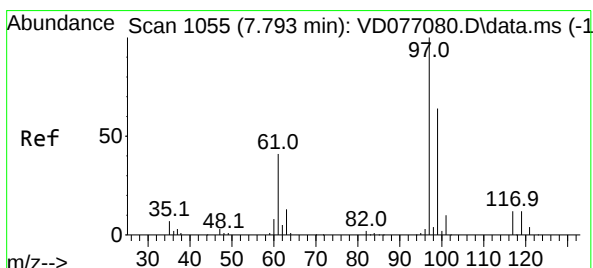
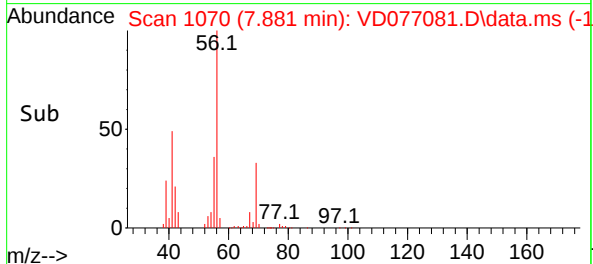
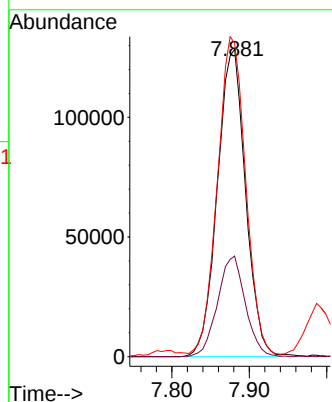
Tgt Ion: 56 Resp: 324798

Ion Ratio Lower Upper

56 100

69 32.2 25.5 38.3

84 104.5 82.6 124.0



#30

1,1,1-Trichloroethane

Concen: 50.260 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

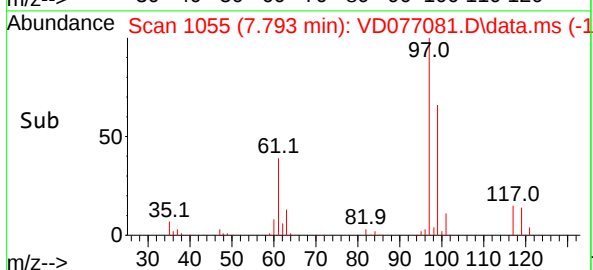
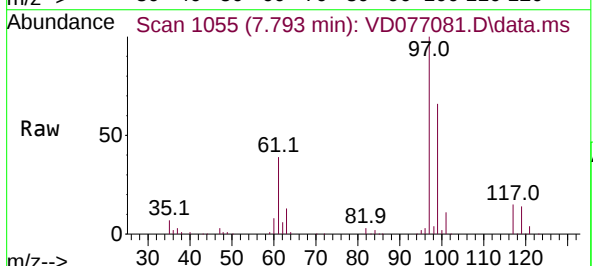
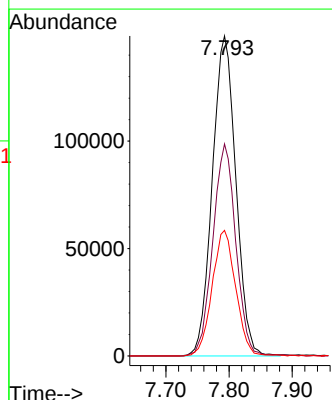
Tgt Ion: 97 Resp: 386455

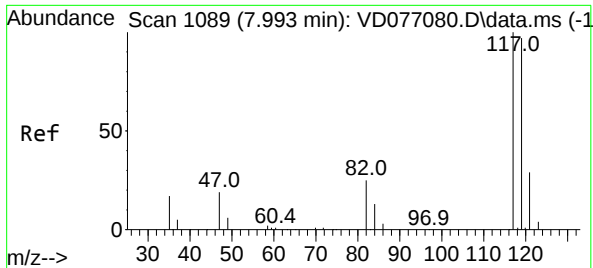
Ion Ratio Lower Upper

97 100

99 64.6 50.7 76.1

61 39.2 32.6 48.8

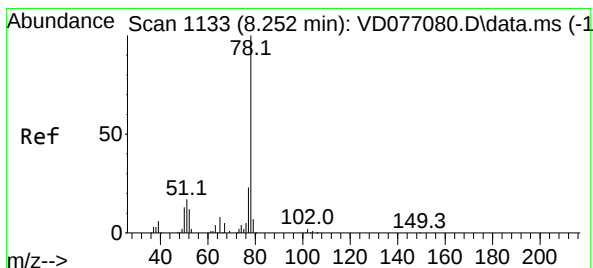
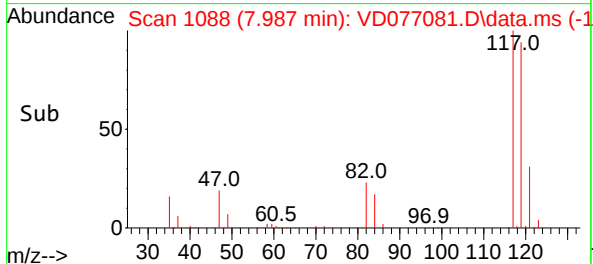
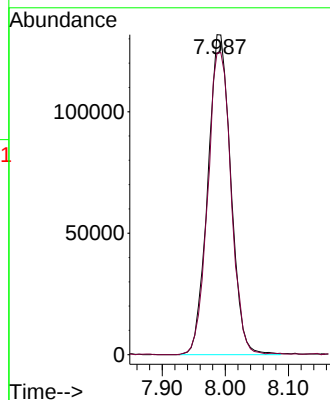
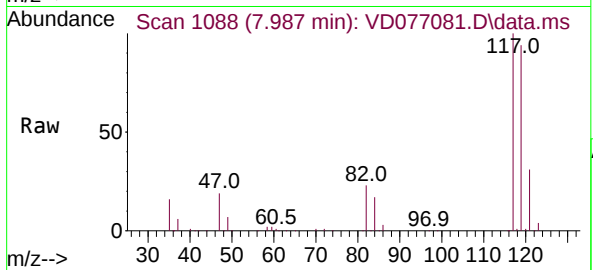




#31
Carbon tetrachloride
Concen: 52.713 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

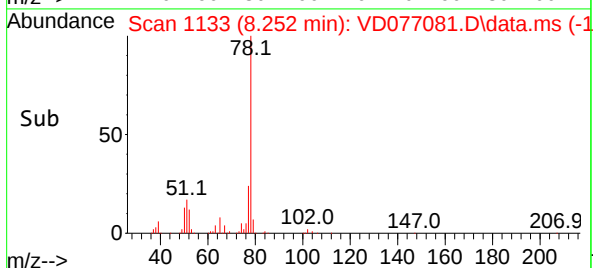
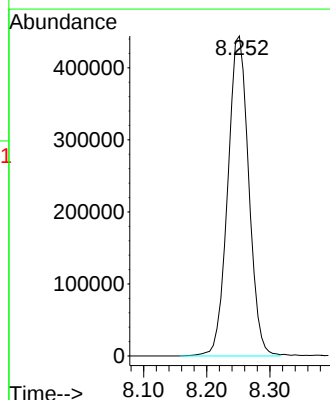
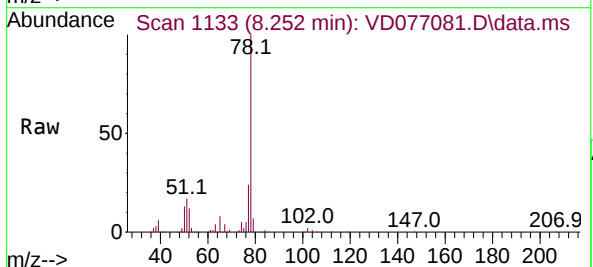
Instrument :
MSVOA_D
ClientSampleId :

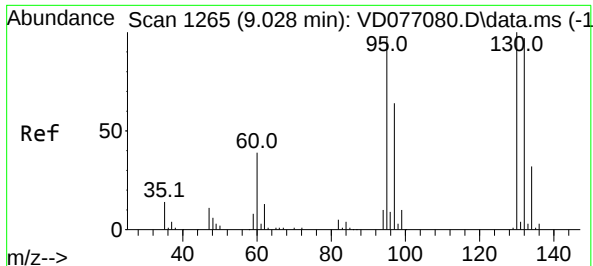
Tgt Ion:117 Resp: 333744
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.4



#33
Benzene
Concen: 50.896 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

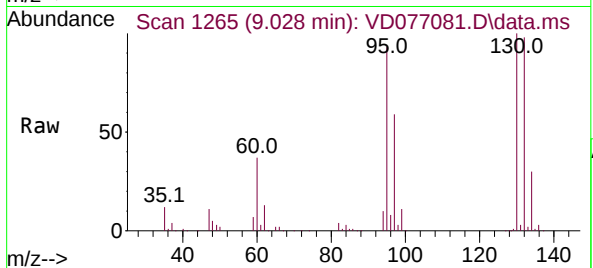
Tgt Ion: 78 Resp: 1025497



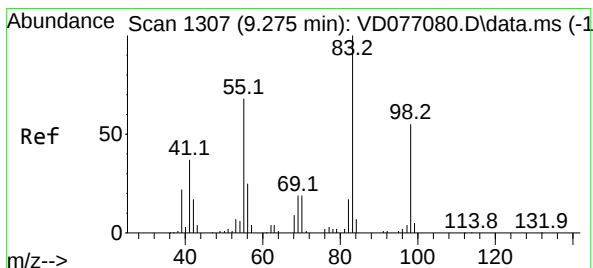
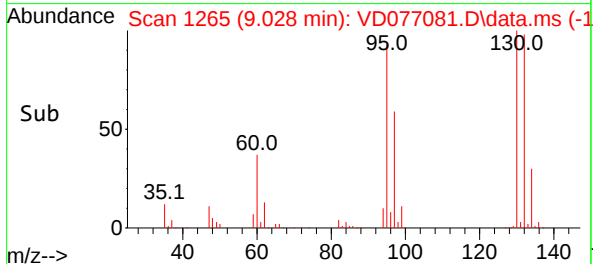
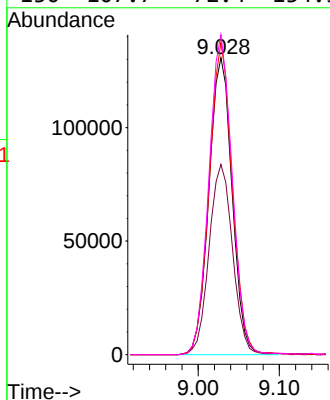


#34
Trichloroethene
Concen: 49.318 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :

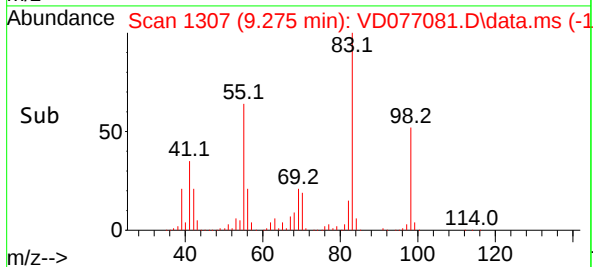
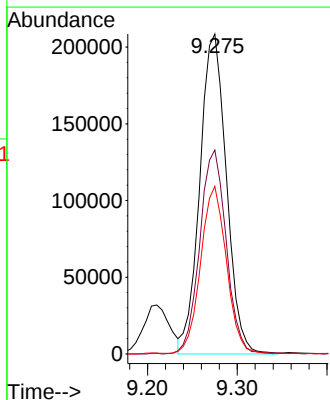
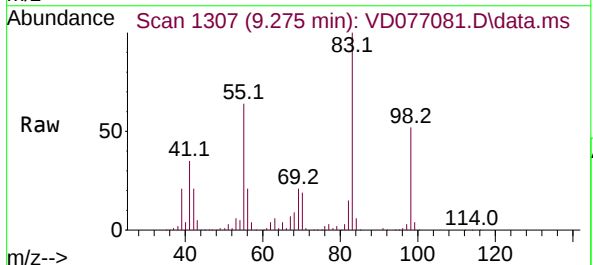


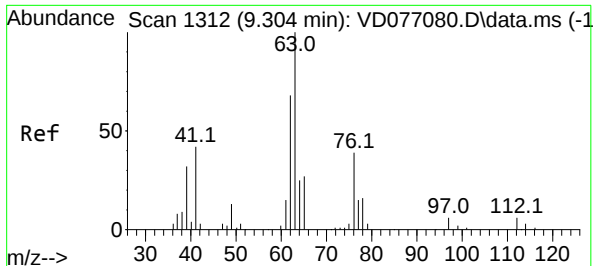
Tgt Ion: 95 Resp: 259832
Ion Ratio Lower Upper
95 100
97 64.0 46.4 86.2
132 105.2 70.1 130.1
130 107.7 72.4 134.5



#35
Methylcyclohexane
Concen: 50.553 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Tgt Ion: 83 Resp: 429584
Ion Ratio Lower Upper
83 100
55 63.4 51.5 77.3
98 50.9 40.7 61.1





#37

1,2-Dichloropropane

Concen: 49.668 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

Instrument :

MSVOA_D

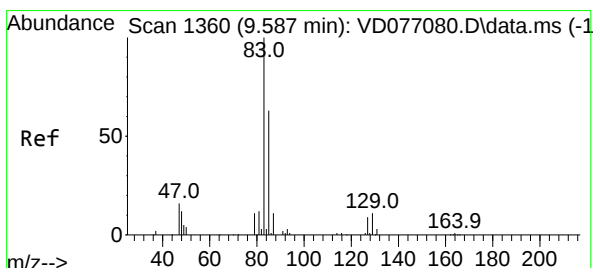
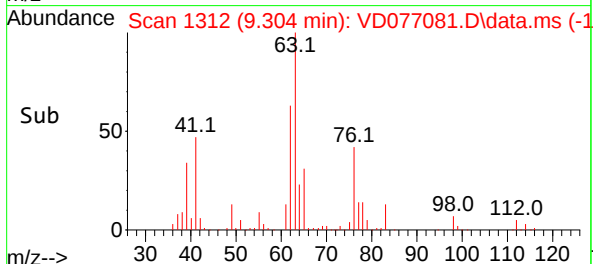
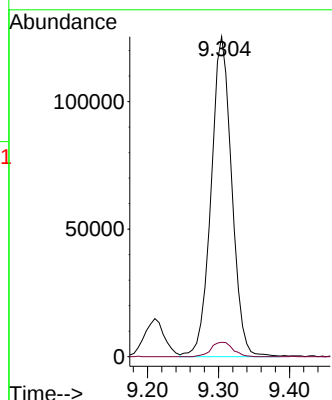
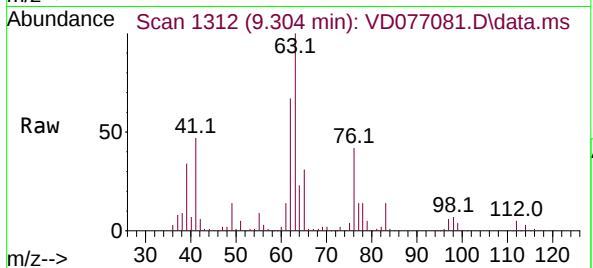
ClientSampleId :

Tgt Ion: 63 Resp: 253314

Ion Ratio Lower Upper

63 100

112 4.8 4.0 6.0



#38

Bromodichloromethane

Concen: 48.089 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

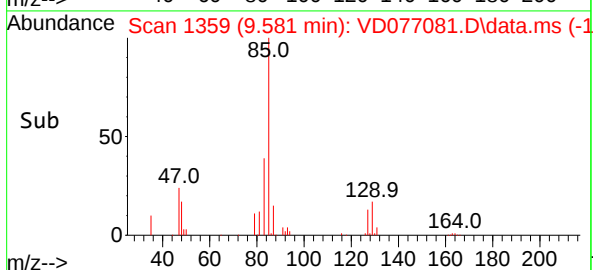
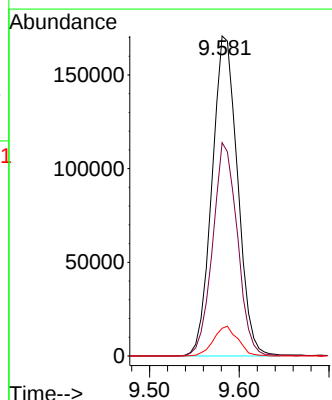
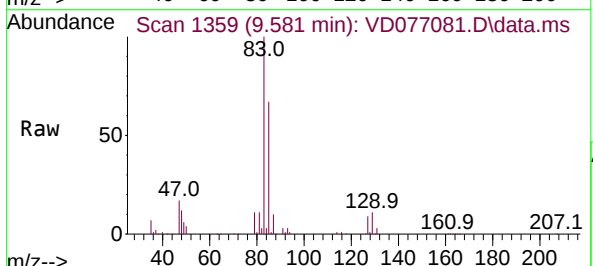
Tgt Ion: 83 Resp: 338198

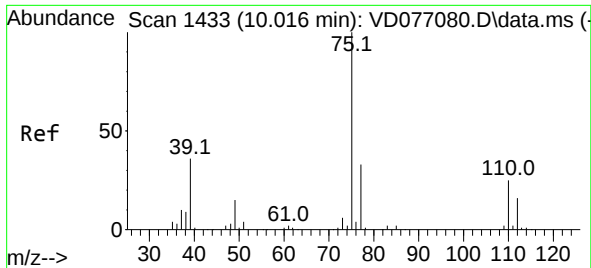
Ion Ratio Lower Upper

83 100

85 66.6 44.0 81.6

127 8.7 7.5 11.3

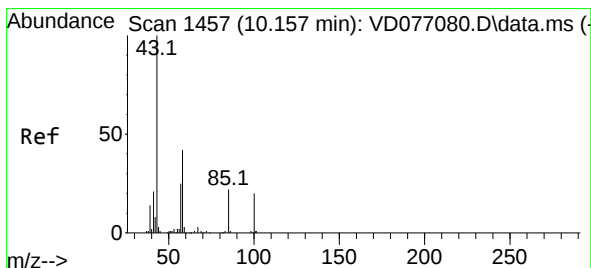
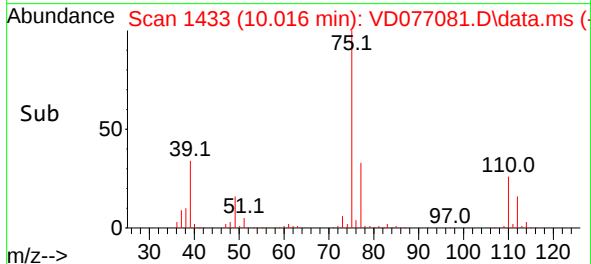
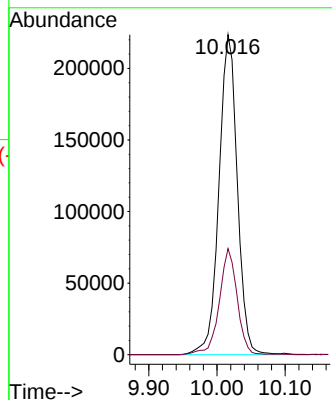
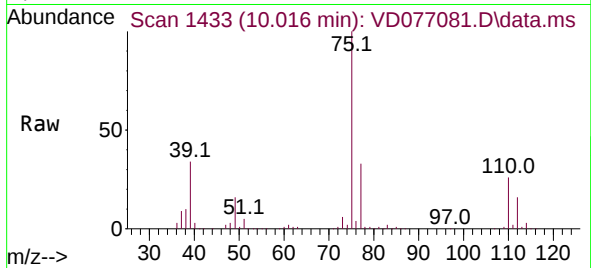




#39
 cis-1,3-Dichloropropene
 Concen: 50.967 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077081.D
 Acq: 01 Sep 2023 11:46

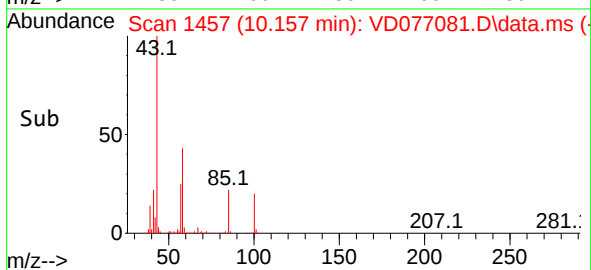
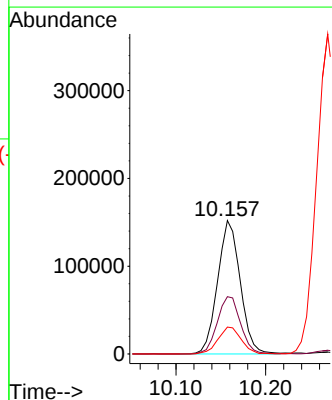
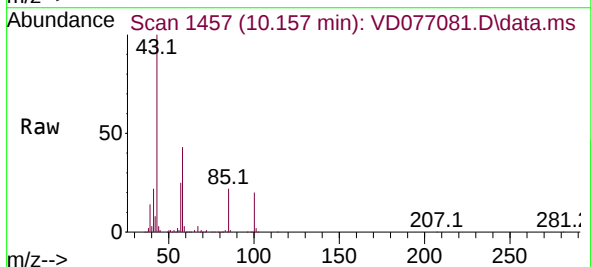
Instrument :
 MSVOA_D
 ClientSampleId :

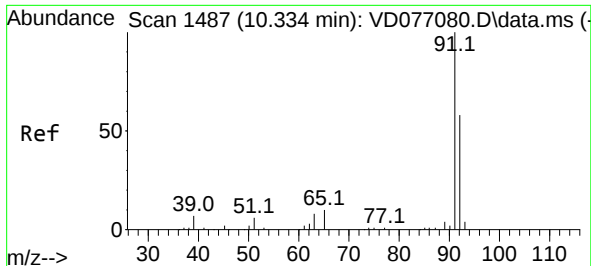
Tgt Ion: 75 Resp: 419561
 Ion Ratio Lower Upper
 75 100
 77 33.1 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 84.195 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD077081.D
 Acq: 01 Sep 2023 11:46

Tgt Ion: 43 Resp: 266619
 Ion Ratio Lower Upper
 43 100
 58 44.1 34.6 51.8
 100 20.5 16.2 24.4

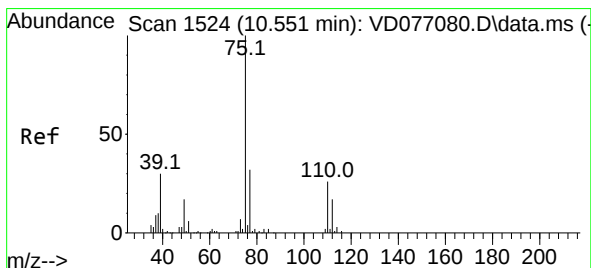
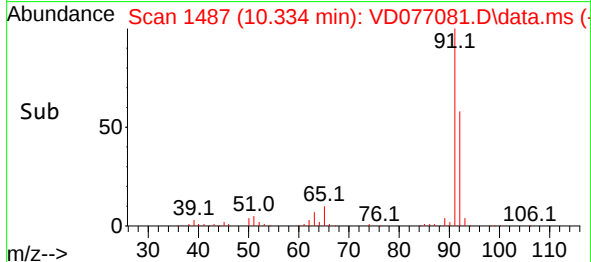
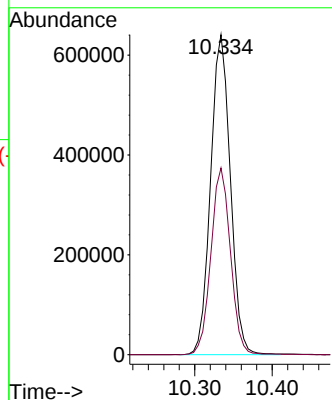
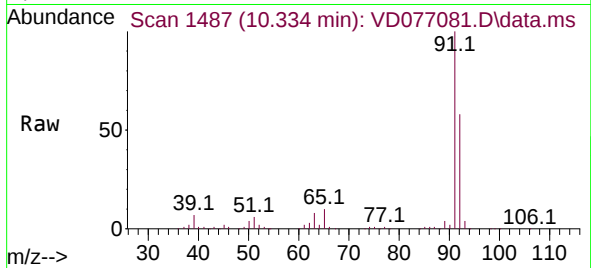




#42
Toluene
Concen: 51.848 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

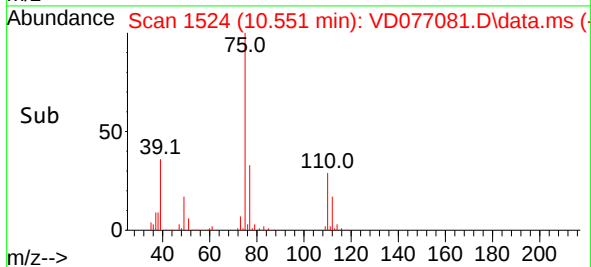
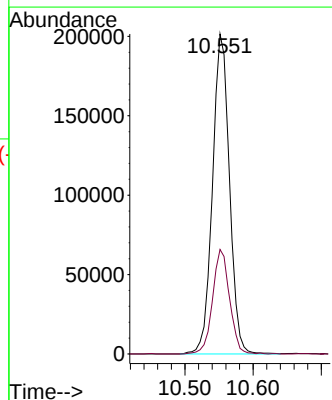
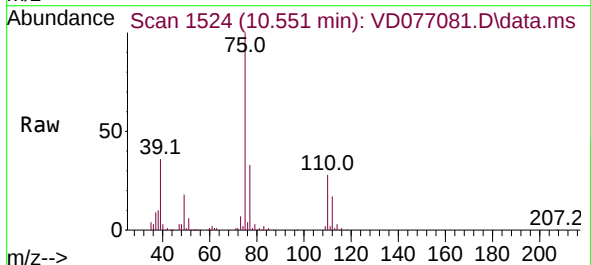
Instrument :
MSVOA_D
ClientSampleId :

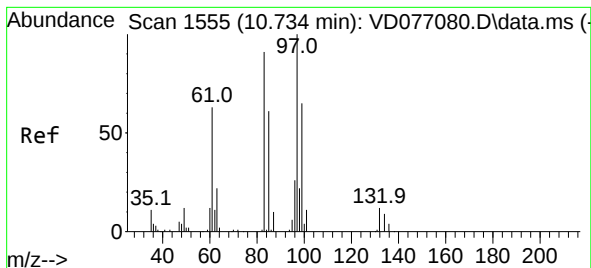
Tgt Ion: 91 Resp: 1135681
Ion Ratio Lower Upper
91 100
92 58.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 48.641 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Tgt Ion: 75 Resp: 349203
Ion Ratio Lower Upper
75 100
77 32.6 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 46.672 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 208994

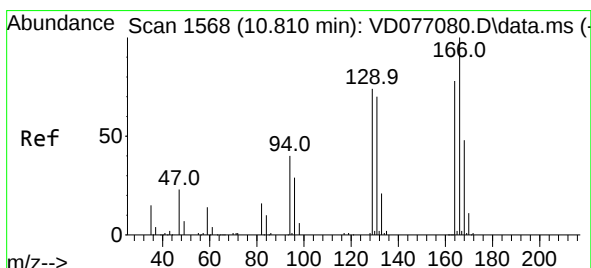
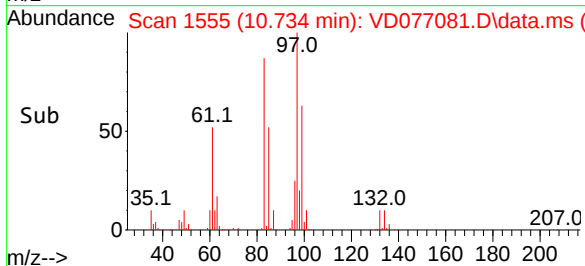
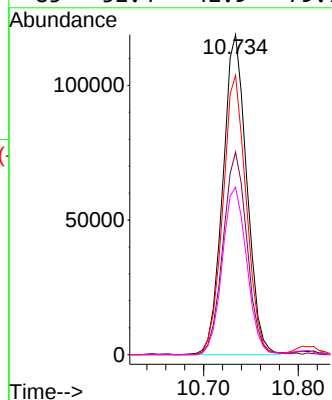
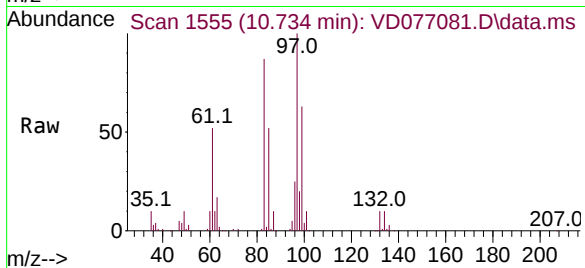
Ion Ratio Lower Upper

97 100

99 63.3 46.1 85.5

83 87.3 64.3 119.3

85 52.4 42.9 79.7



#46

Tetrachloroethene

Concen: 53.820 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

Tgt Ion:164 Resp: 215729

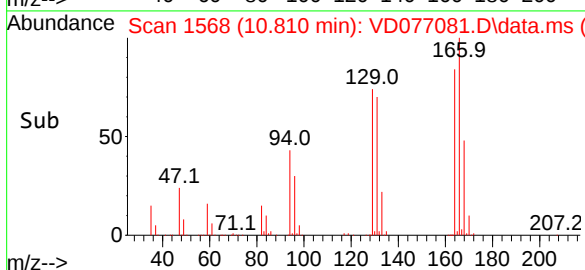
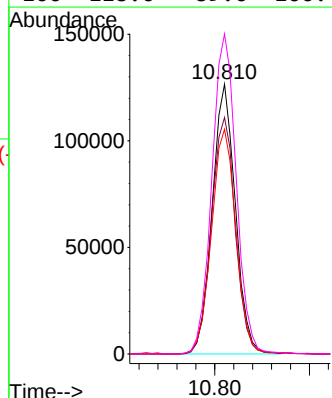
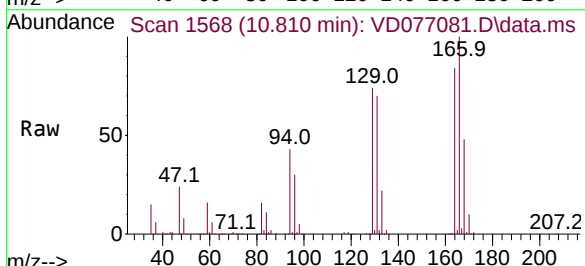
Ion Ratio Lower Upper

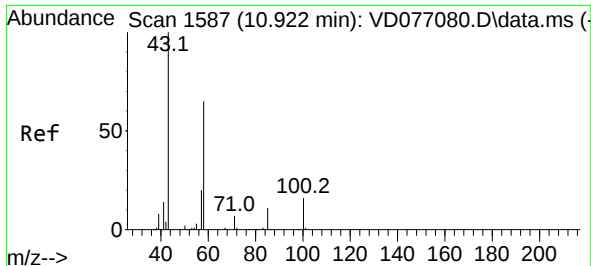
164 100

129 87.7 66.4 123.4

131 83.3 62.6 116.3

166 118.6 89.6 166.4



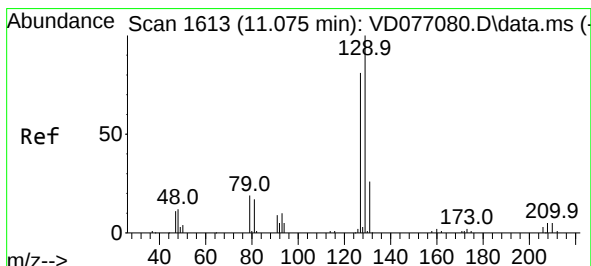
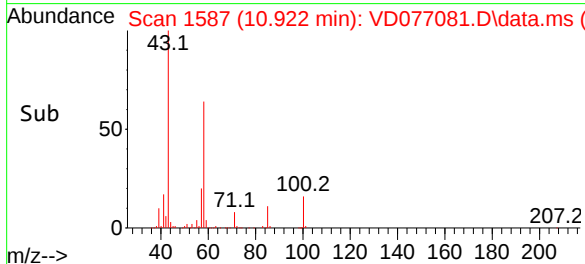
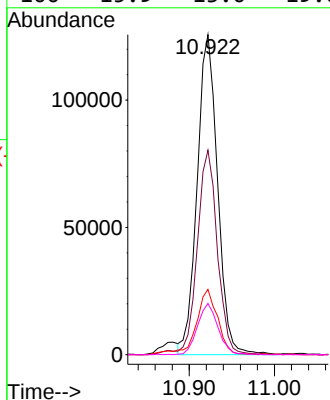
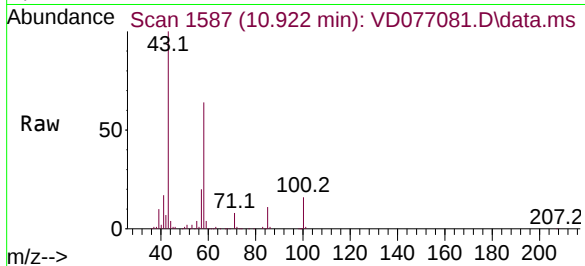


#48
2-Hexanone
Concen: 86.441 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 209770

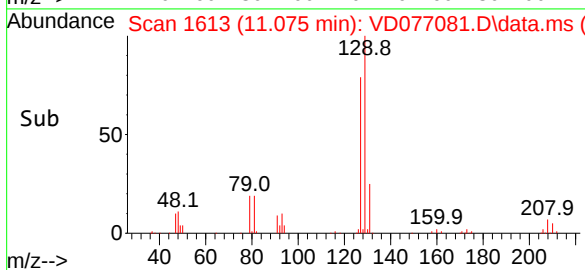
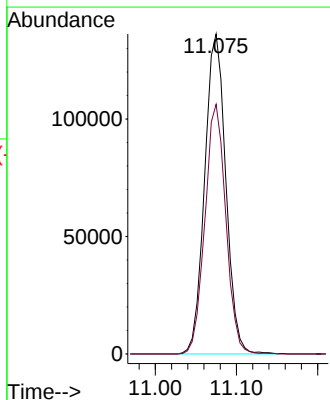
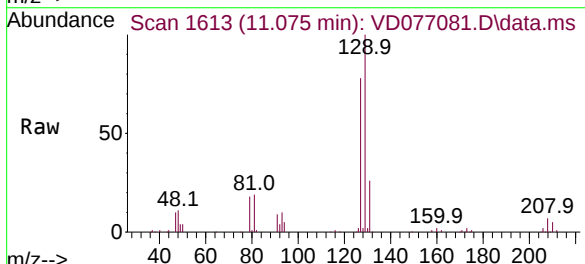
Ion	Ratio	Lower	Upper
43	100		
58	62.2	50.6	75.8
57	20.6	16.6	24.8
100	15.9	13.0	19.6

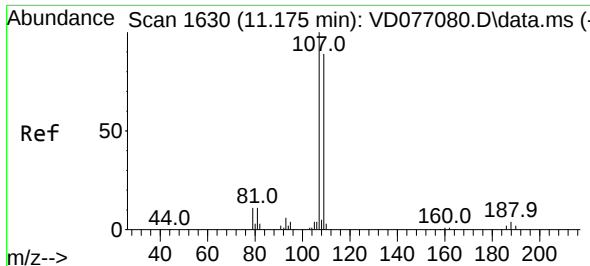


#49
Dibromochloromethane
Concen: 48.518 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Tgt Ion: 129 Resp: 246220

Ion	Ratio	Lower	Upper
129	100		
127	78.0	56.6	105.2

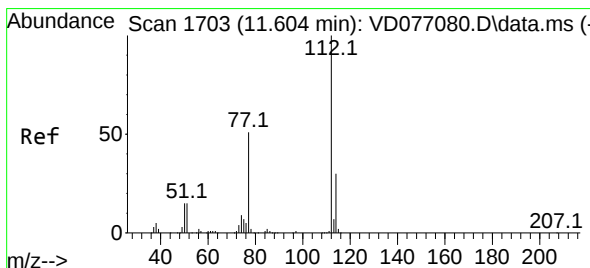
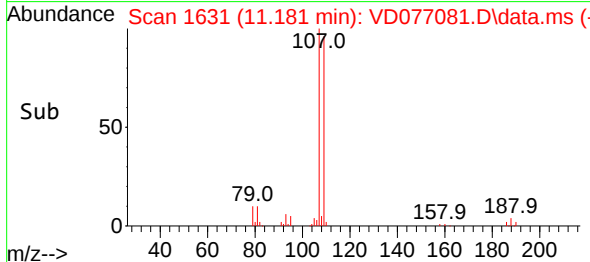
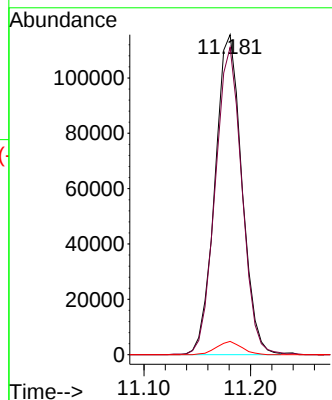
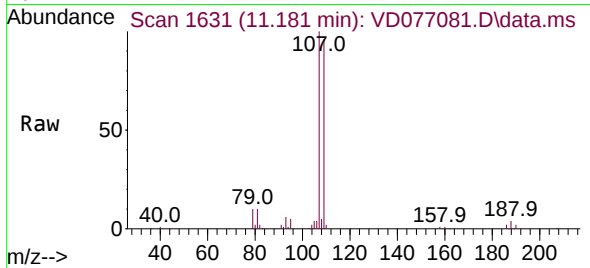




#50
1,2-Dibromoethane
Concen: 46.135 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

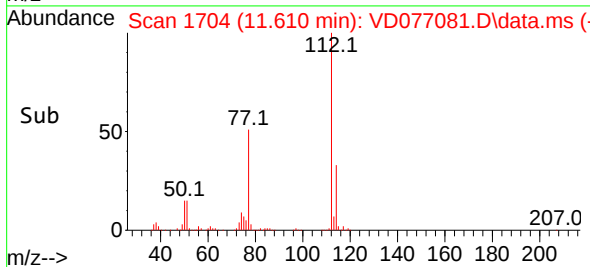
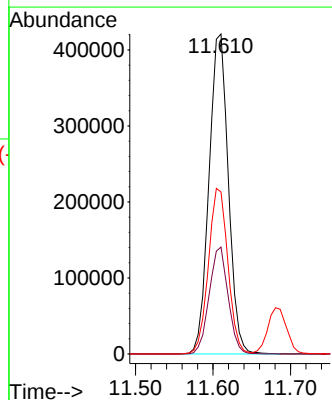
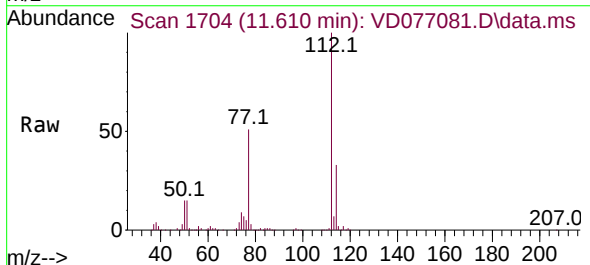
Instrument :
MSVOA_D
ClientSampleId :

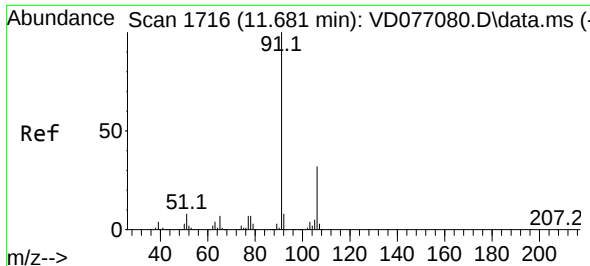
Tgt Ion:107 Resp: 203070
Ion Ratio Lower Upper
107 100
109 96.0 62.4 116.0
188 4.2 3.0 4.4



#51
Chlorobenzene
Concen: 50.553 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Tgt Ion:112 Resp: 728639
Ion Ratio Lower Upper
112 100
114 33.4 21.0 39.0
77 50.6 41.0 61.4

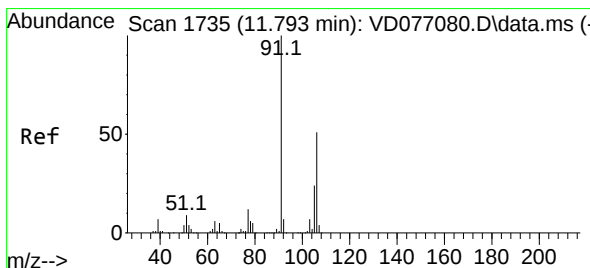
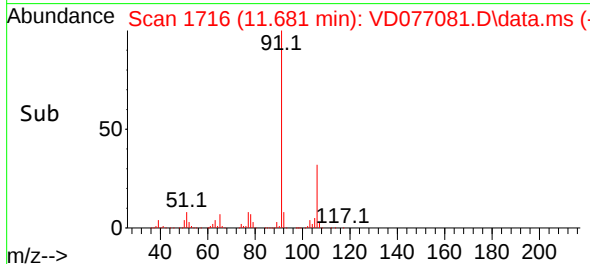
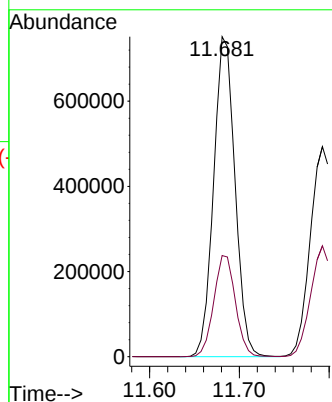
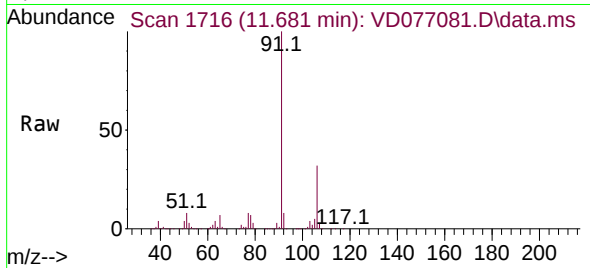




#52
Ethylbenzene
Concen: 53.196 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

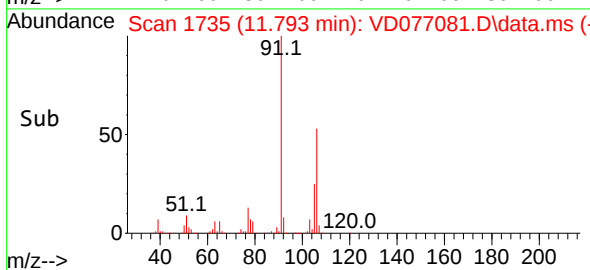
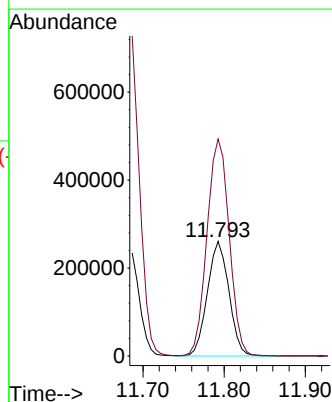
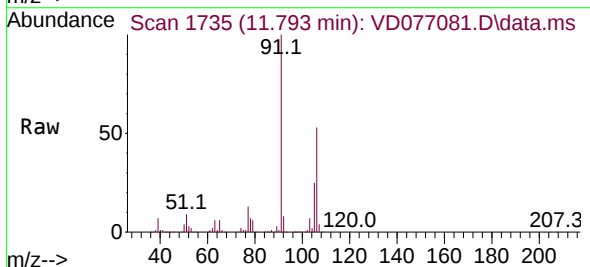
Instrument :
MSVOA_D
ClientSampleId :

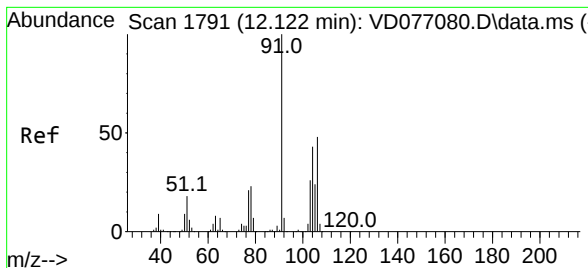
Tgt Ion: 91 Resp: 1244287
Ion Ratio Lower Upper
91 100
106 31.6 22.1 41.1



#53
m,p-Xylene
Concen: 52.966 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Tgt Ion:106 Resp: 479627
Ion Ratio Lower Upper
106 100
91 189.4 138.2 256.6

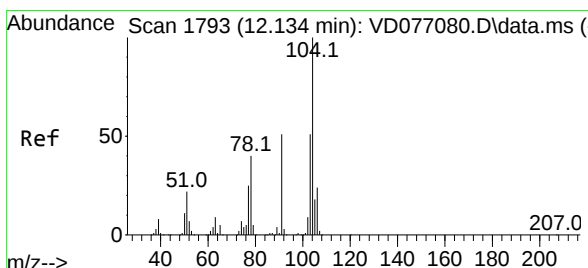
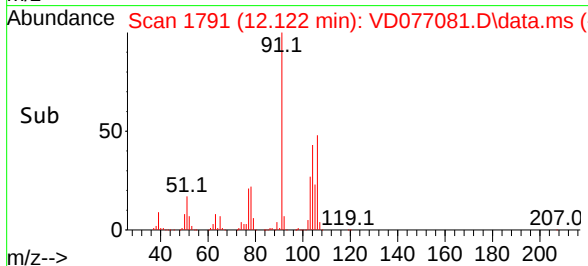
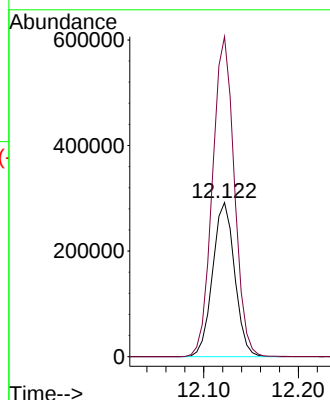
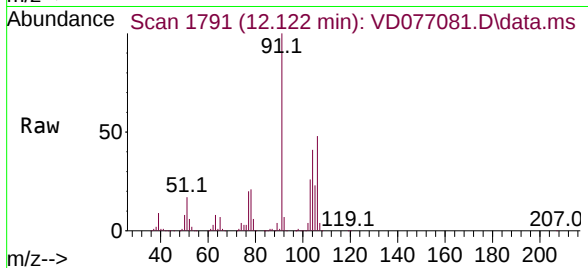




#54
o-Xylene
Concen: 54.161 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

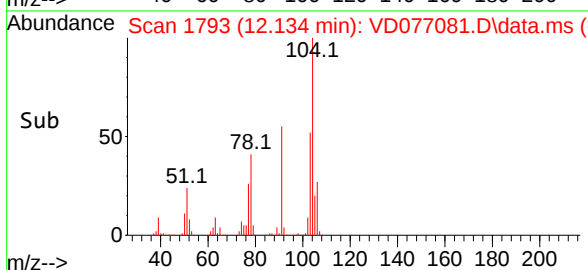
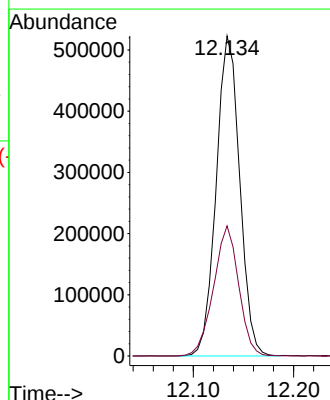
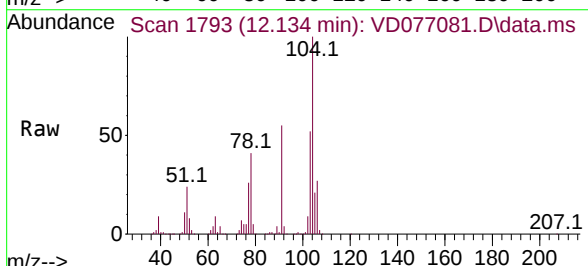
Instrument :
MSVOA_D
ClientSampleId :

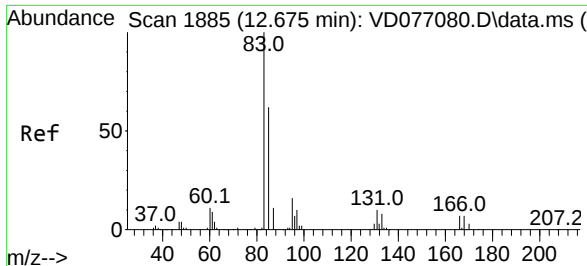
Tgt Ion:106 Resp: 471885
Ion Ratio Lower Upper
106 100
91 207.7 146.9 272.7



#55
Styrene
Concen: 53.982 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Tgt Ion:104 Resp: 849053
Ion Ratio Lower Upper
104 100
78 40.7 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 42.980 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

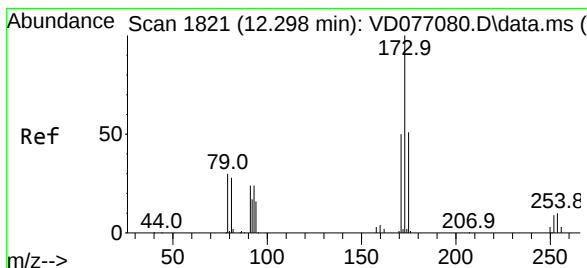
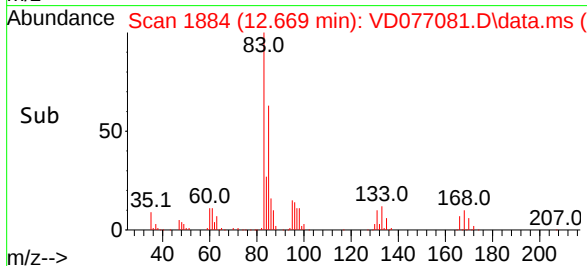
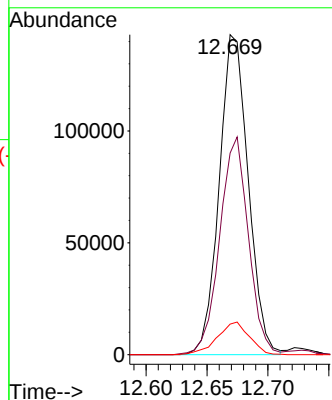
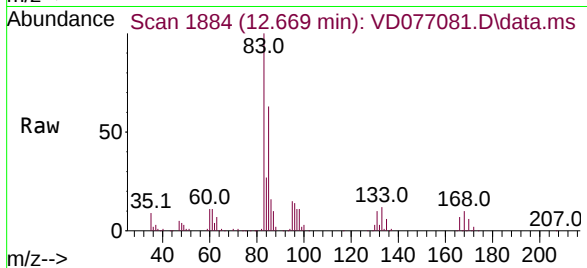
Tgt Ion: 83 Resp: 237205

Ion Ratio Lower Upper

83 100

85 63.0 43.6 81.0

131 9.5 7.8 11.8



#59

Bromoform

Concen: 46.782 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

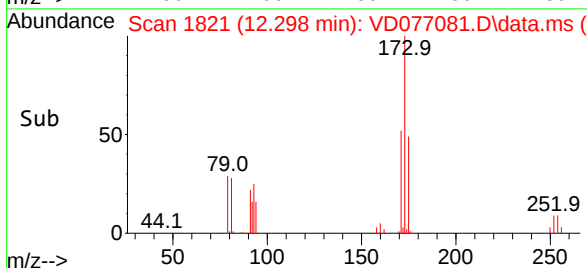
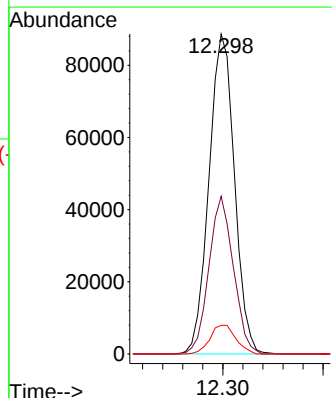
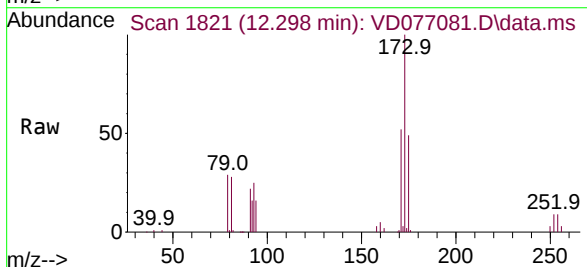
Tgt Ion:173 Resp: 156468

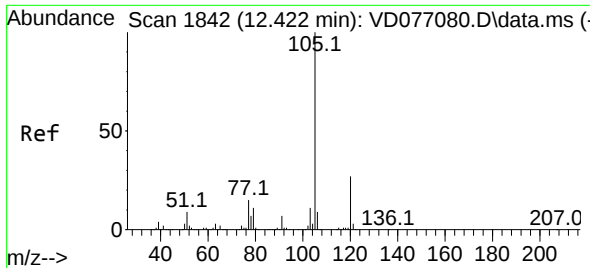
Ion Ratio Lower Upper

173 100

175 47.4 38.7 58.1

254 9.1 7.0 10.6

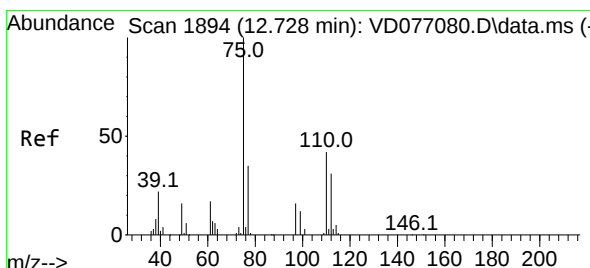
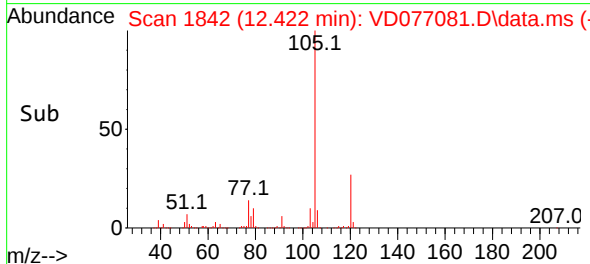
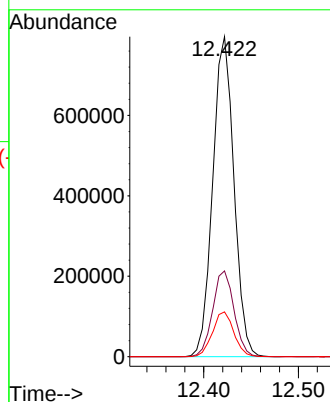
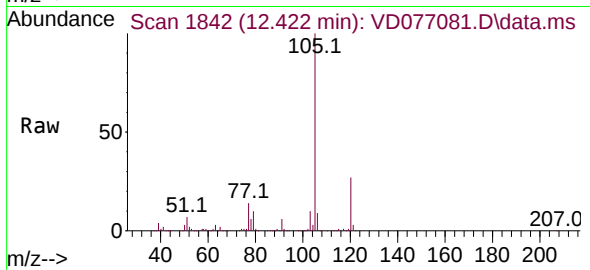




#60
Isopropylbenzene
Concen: 51.328 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

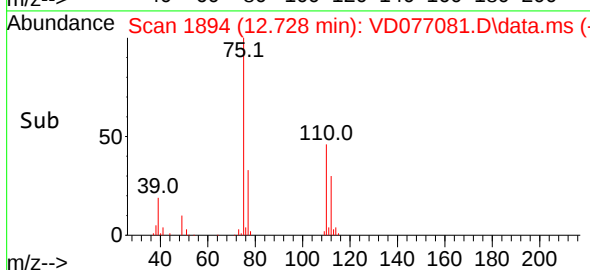
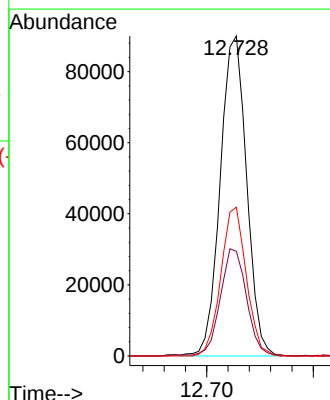
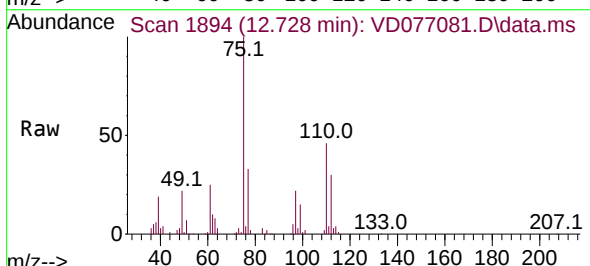
Instrument :
MSVOA_D
ClientSampleId :

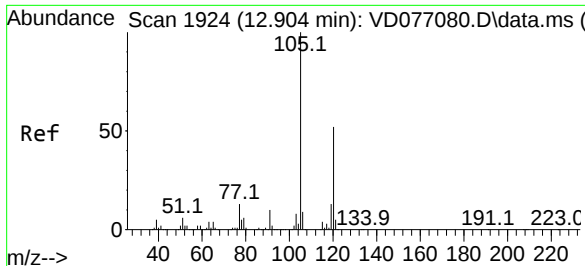
Tgt Ion:105 Resp: 1236930
Ion Ratio Lower Upper
105 100
120 27.0 21.8 32.6
77 14.2 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 40.343 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Tgt Ion: 75 Resp: 154644
Ion Ratio Lower Upper
75 100
77 33.2 26.6 40.0
110 44.8 33.6 50.4

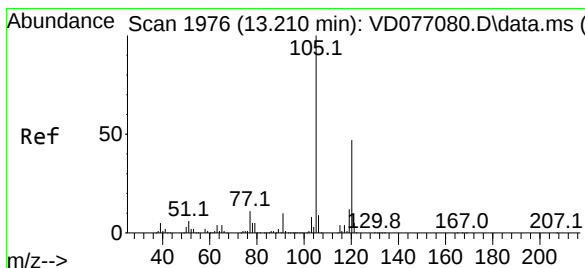
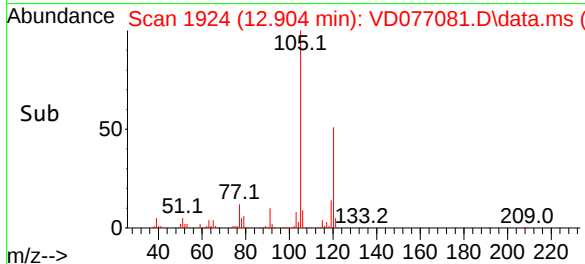
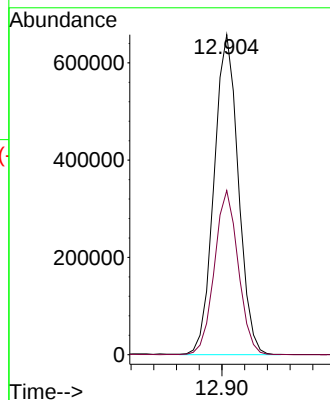
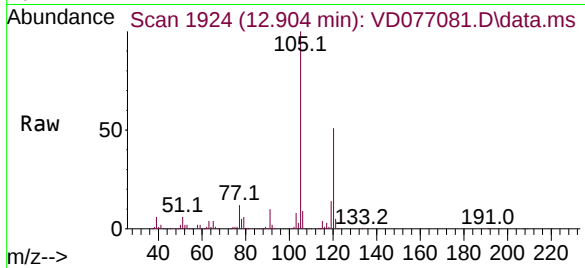




#62
 1,3,5-Trimethylbenzene
 Concen: 52.994 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD077081.D
 Acq: 01 Sep 2023 11:46

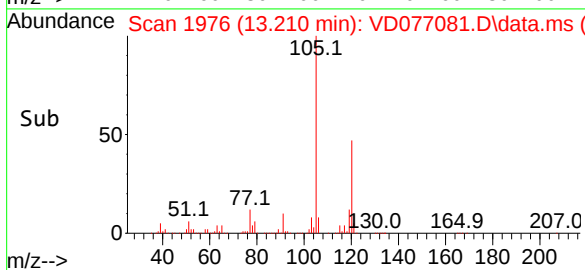
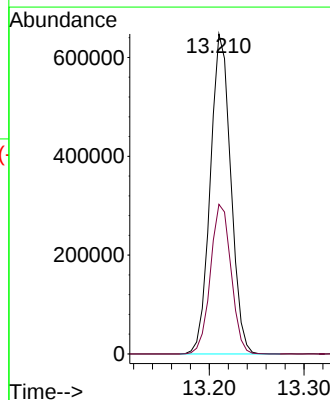
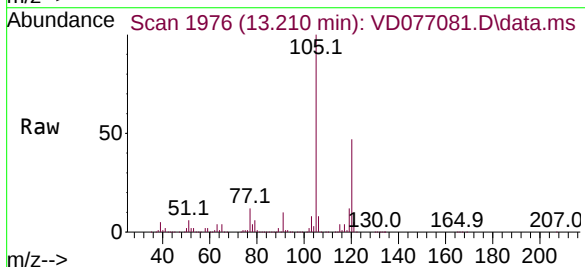
Instrument :
 MSVOA_D
 ClientSampleId :

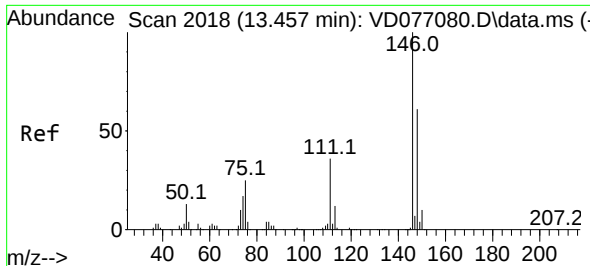
Tgt Ion:105 Resp: 977108
 Ion Ratio Lower Upper
 105 100
 120 50.2 40.2 60.2



#63
 1,2,4-Trimethylbenzene
 Concen: 53.254 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD077081.D
 Acq: 01 Sep 2023 11:46

Tgt Ion:105 Resp: 973218
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.8 56.8

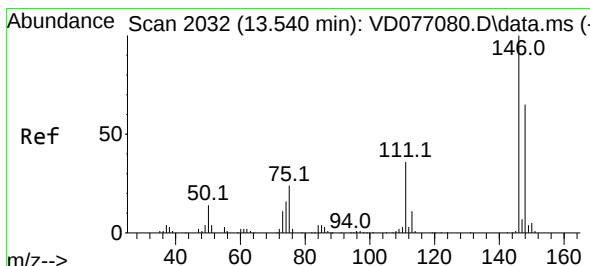
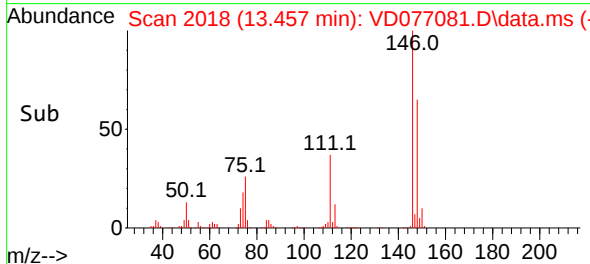
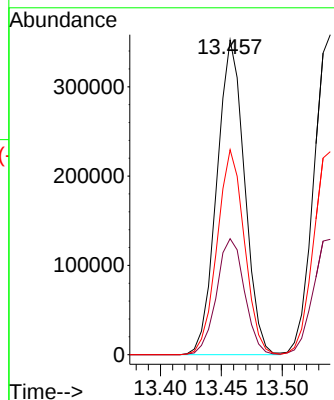
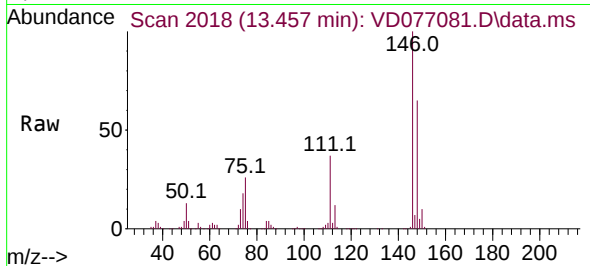




#64
1,3-Dichlorobenzene
Concen: 50.296 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

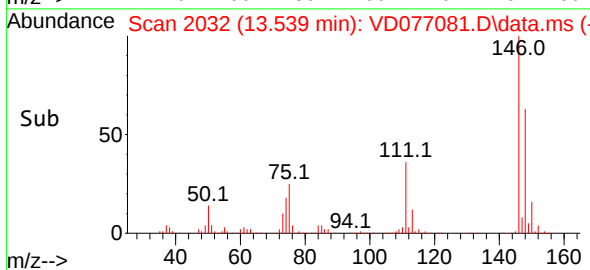
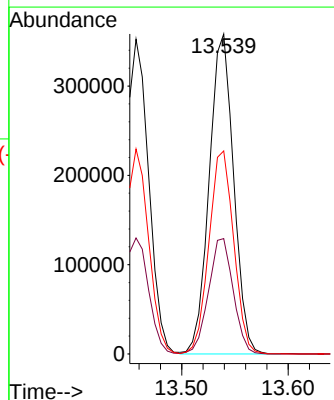
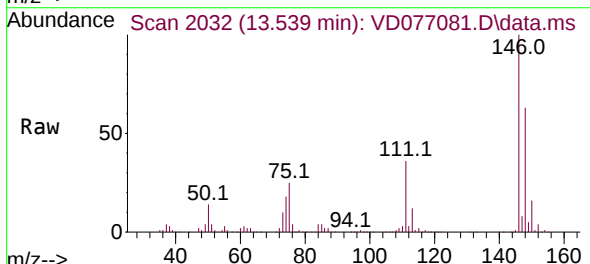
Instrument :
MSVOA_D
ClientSampleId :

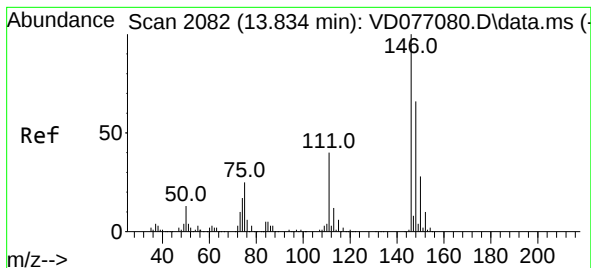
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	25.2	46.8
148	65.1	42.7	79.3



#65
1,4-Dichlorobenzene
Concen: 49.991 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077081.D
Acq: 01 Sep 2023 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	25.5	47.3
148	63.4	45.5	84.5





#67

1,2-Dichlorobenzene

Concen: 49.608 ug/L

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

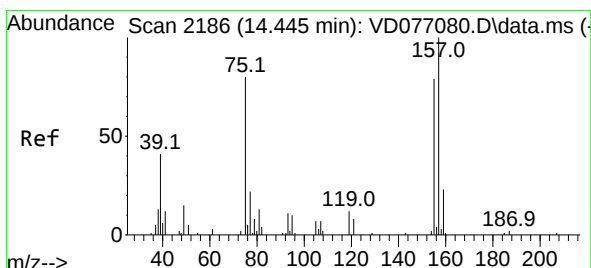
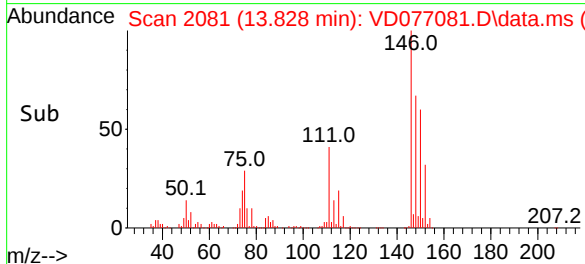
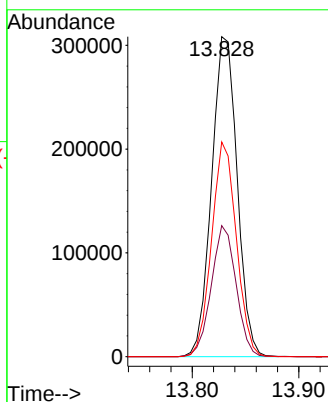
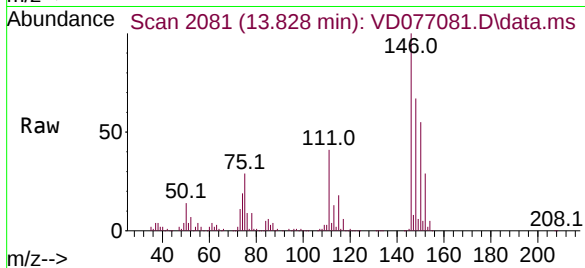
Tgt Ion:146 Resp: 513826

Ion Ratio Lower Upper

146 100

111 41.0 31.8 47.6

148 67.1 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 37.689 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

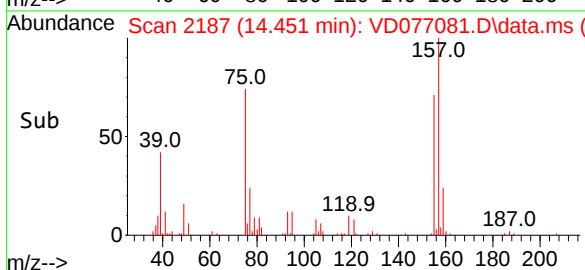
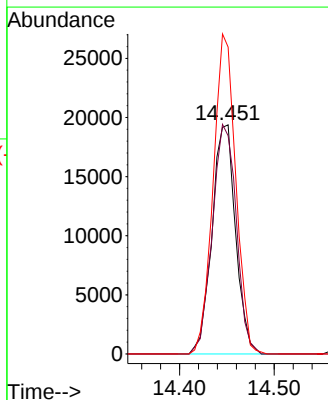
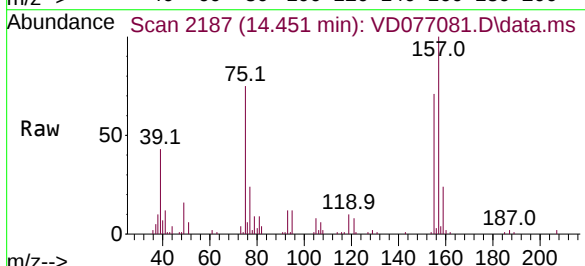
Tgt Ion: 75 Resp: 33451

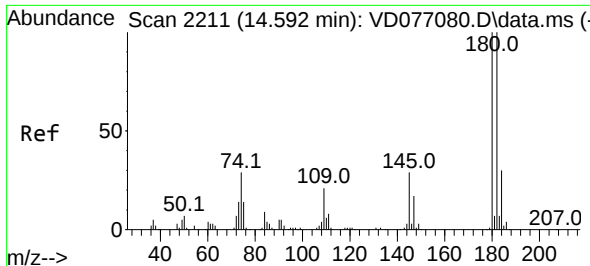
Ion Ratio Lower Upper

75 100

155 95.2 79.0 118.6

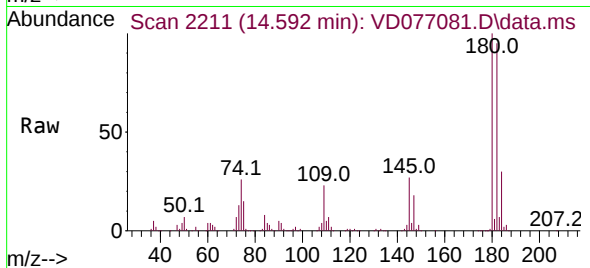
157 133.9 100.2 150.4



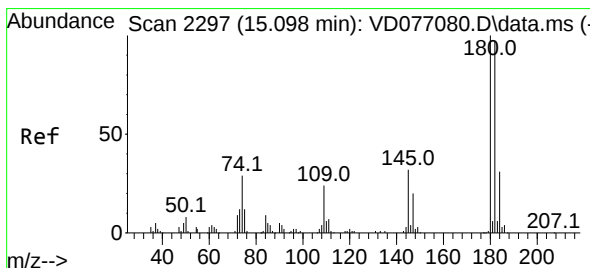
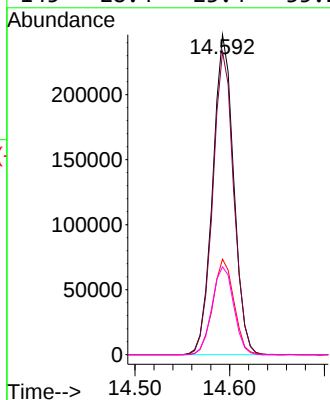
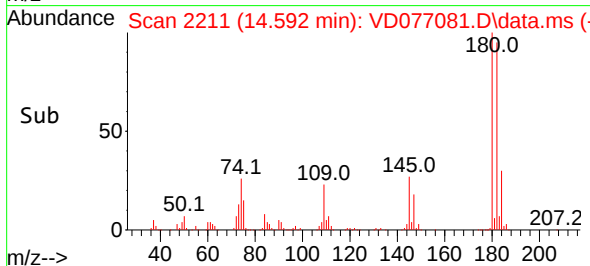


#69
 1,3,5-Trichlorobenzene
 Concen: 54.214 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD077081.D
 Acq: 01 Sep 2023 11:46

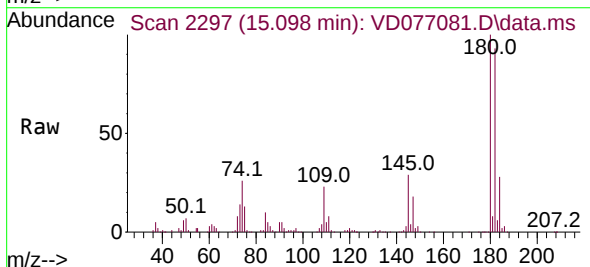
Instrument :
 MSVOA_D
 ClientSampleId :



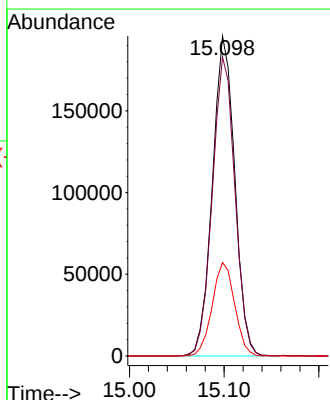
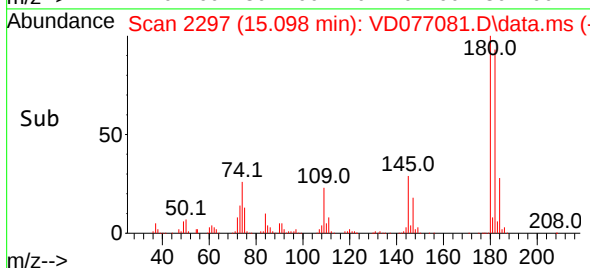
Tgt Ion:180 Resp: 377502
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.0 115.4
 184 30.1 24.2 36.2
 145 28.4 23.4 35.2

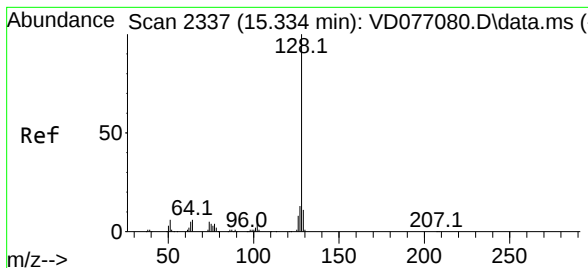


#70
 1,2,4-trichlorobenzene
 Concen: 52.464 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD077081.D
 Acq: 01 Sep 2023 11:46



Tgt Ion:180 Resp: 320411
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.3 114.5
 145 29.3 23.8 35.8





#71

Naphthalene

Concen: 47.165 ug/L

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

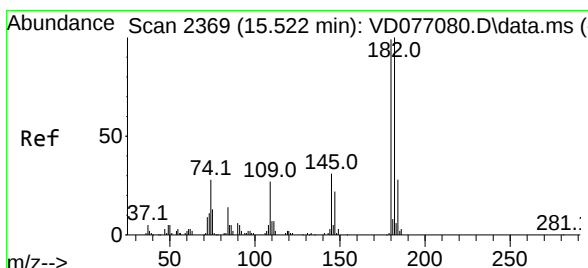
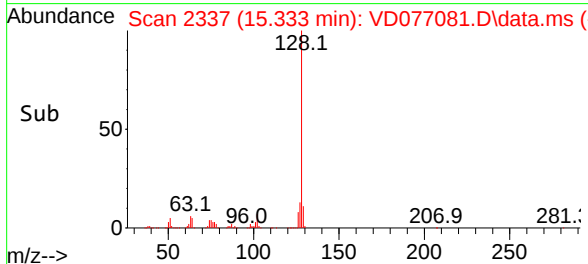
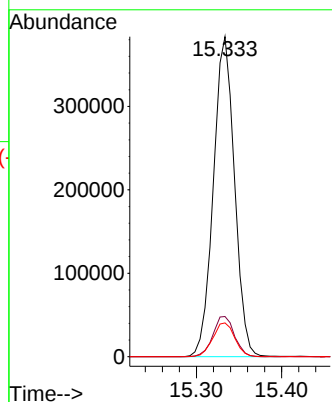
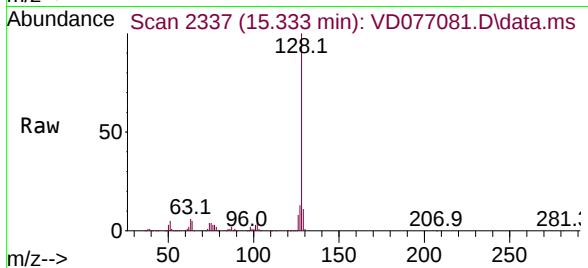
Tgt Ion:128 Resp: 660710

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 52.659 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD077081.D

Acq: 01 Sep 2023 11:46

Tgt Ion:180 Resp: 290806

Ion Ratio Lower Upper

180 100

182 95.7 76.6 115.0

145 30.9 25.4 38.2

