

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092523\
 Data File : VD077215.D
 Acq On : 25 Sep 2023 13:46
 Operator : JC/SY
 Sample : VSTD100
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 22:54:07 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	282221	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	291604	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	163870	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	630597	97.671	ug/L	0.00
7) Chloroethane-d5	2.799	69	308062	56.383	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	190380	124.883	ug/L	0.00
21) 2-Butanone-d5	6.987	46	296478	318.441	ug/L	0.00
24) Chloroform-d	7.569	84	1065661	136.226	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	526732	141.723	ug/L	0.00
32) Benzene-d6	8.199	84	2110008	132.341	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	650187	138.456	ug/L	0.00
41) Toluene-d8	10.269	98	1936311	134.013	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	267939	130.473	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	257649	337.098	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	613544	143.966	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	686916	131.857	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	415280	117.414	ug/L	98
3) Chloromethane	2.146	50	562532	93.991	ug/L	100
5) Vinyl chloride	2.281	62	716402	103.700	ug/L	100
6) Bromomethane	2.687	94	534546	111.448	ug/L	94
8) Chloroethane	2.834	64	253832	54.563	ug/L	93
9) Trichlorofluoromethane	3.169	101	536417	79.701	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	541873	130.640	ug/L	98
12) 1,1-Dichloroethene	3.934	96	497250	132.808	ug/L	92
13) Acetone	4.016	43	308903	235.839	ug/L	100
14) Carbon disulfide	4.269	76	1275326	108.057	ug/L	100
15) Methyl Acetate	4.552	43	253958	143.029	ug/L	100
16) Methylene chloride	4.799	84	596255	103.333	ug/L	96
17) trans-1,2-Dichloroethene	5.305	96	563106	135.669	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	1396430	152.407	ug/L	99
19) 1,1-Dichloroethane	6.111	63	1002632	140.093	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	685060	142.267	ug/L	99
22) 2-Butanone	7.075	43	401976	256.694	ug/L	99
23) Bromochloromethane	7.422	128	301808	131.220	ug/L	90
25) Chloroform	7.593	83	1102535	138.493	ug/L	97
27) 1,2-Dichloroethane	8.322	62	648048	135.571	ug/L	98
29) Cyclohexane	7.875	56	726756	136.857	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	884065	128.740	ug/L	100
31) Carbon tetrachloride	7.993	117	754373	131.289	ug/L	99
33) Benzene	8.252	78	2442604	137.931	ug/L	100
34) Trichloroethene	9.028	95	604913	130.159	ug/L	97
35) Methylcyclohexane	9.275	83	918476	132.133	ug/L	99
37) 1,2-Dichloropropane	9.304	63	631038	138.151	ug/L	99
38) Bromodichloromethane	9.587	83	826265	132.441	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	1061979	148.652	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	772357	303.164	ug/L	98
42) Toluene	10.334	91	2726231	141.981	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	907769	148.049	ug/L	99

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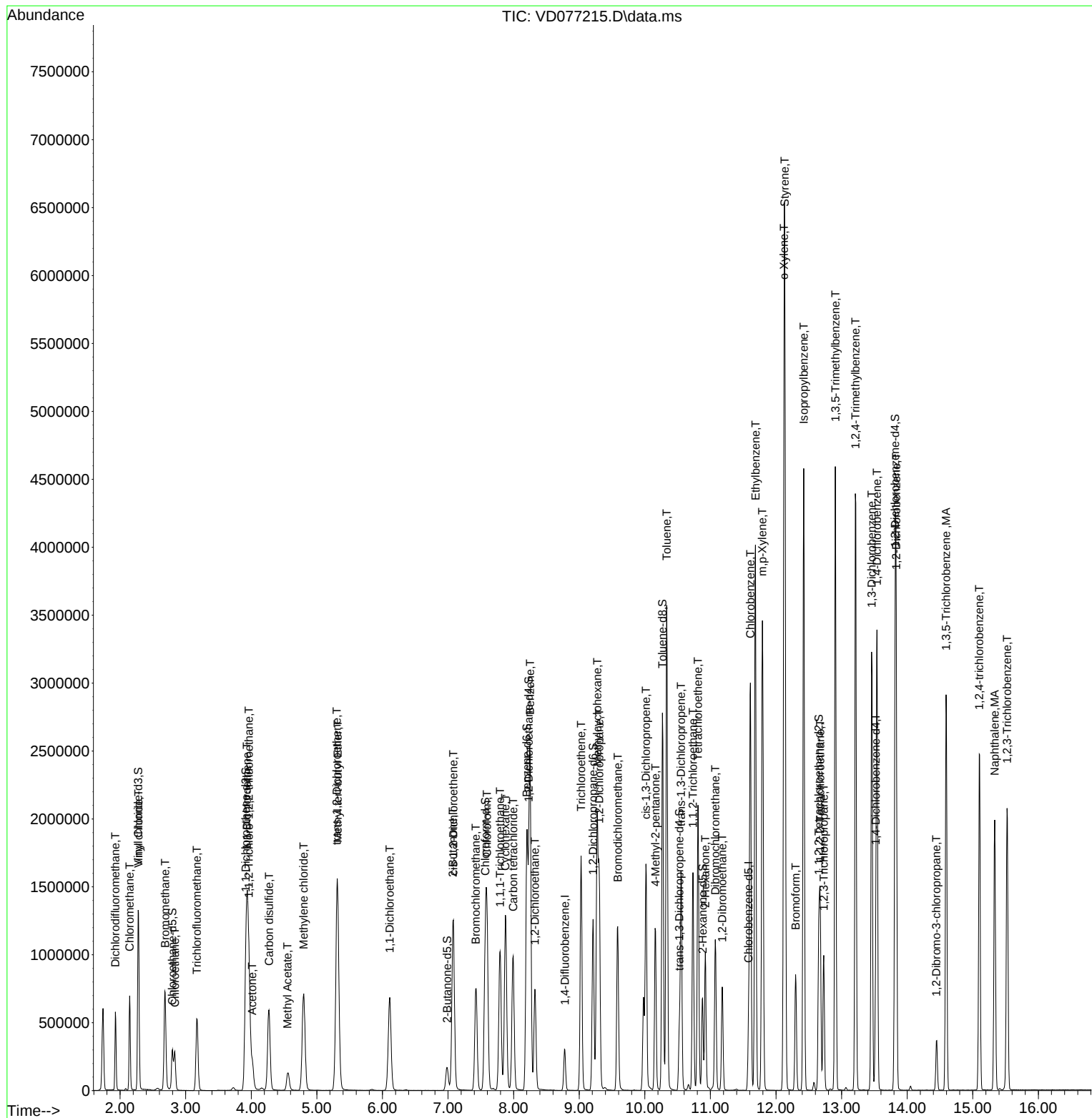
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	525335	135.085	ug/L	93
46) Tetrachloroethene	10.810	164	468950	124.103	ug/L	96
48) 2-Hexanone	10.922	43	614465	311.690	ug/L	99
49) Dibromochloromethane	11.075	129	604247	134.879	ug/L	99
50) 1,2-Dibromoethane	11.181	107	511265	136.046	ug/L	92
51) Chlorobenzene	11.610	112	1745961	136.227	ug/L	97
52) Ethylbenzene	11.687	91	3017477	145.705	ug/L	98
53) m,p-Xylene	11.793	106	1157954	144.760	ug/L	95
54) o-Xylene	12.122	106	1162717	150.803	ug/L	98
55) Styrene	12.134	104	2107875	151.780	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	634976	138.928	ug/L	97
59) Bromoform	12.298	173	386126	128.869	ug/L	100
60) Isopropylbenzene	12.422	105	3039793	143.452	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	413729	128.042	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	2429310	148.287	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	2421609	150.241	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	1368696	134.574	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	1389131	130.065	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	1272673	135.599	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	89141	132.771	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	928419	137.998	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	810866	141.370	ug/L	99
71) Naphthalene	15.334	128	1753071	152.011	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	743829	139.970	ug/L	98

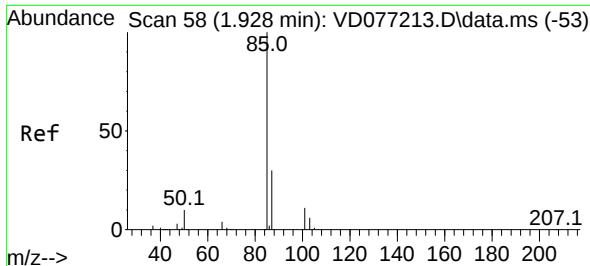
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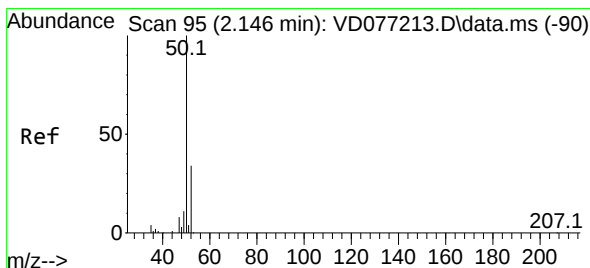
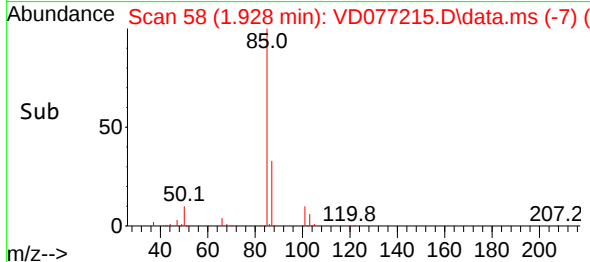
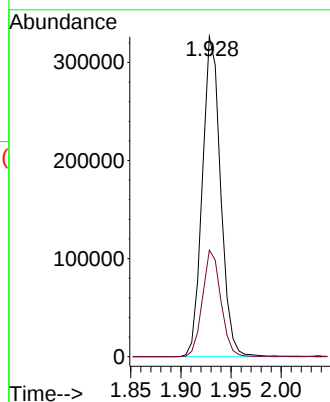
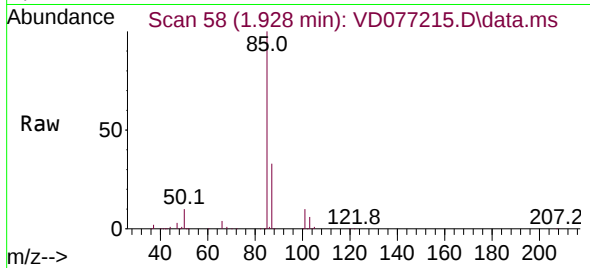




#2
Dichlorodifluoromethane
Concen: 117.414 ug/L
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

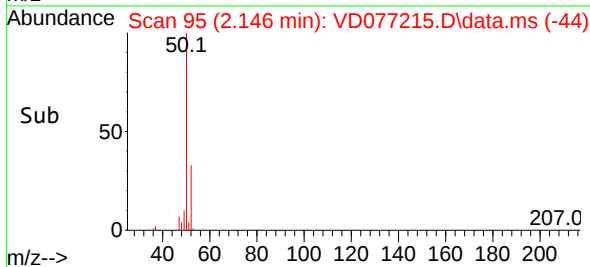
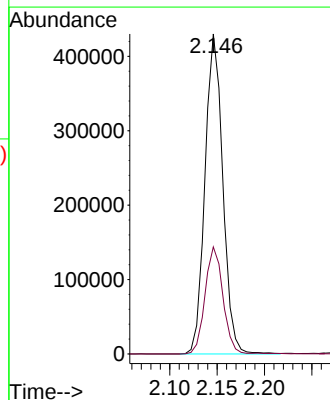
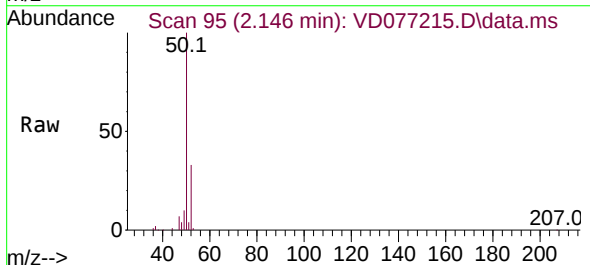
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ClientSampleId :

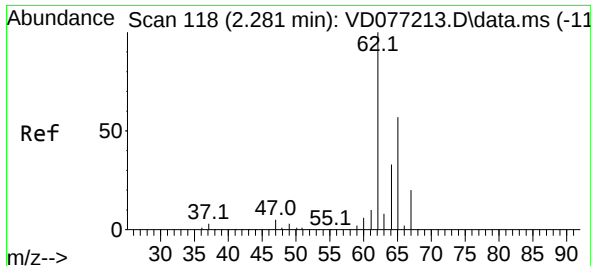
Tgt Ion: 85 Resp: 415280
Ion Ratio Lower Upper
85 100
87 33.2 25.9 38.9



#3
Chloromethane
Concen: 93.991 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

Tgt Ion: 50 Resp: 562532
Ion Ratio Lower Upper
50 100
52 33.5 23.6 43.8

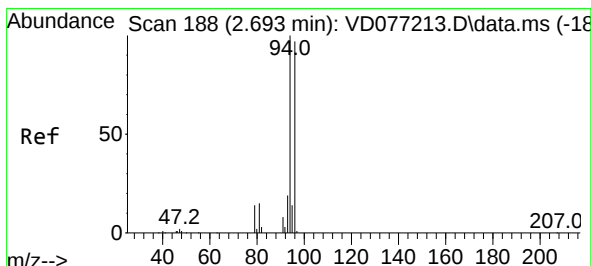
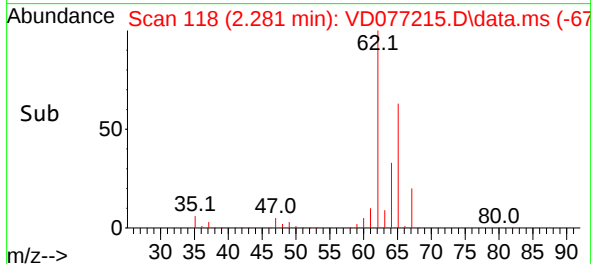
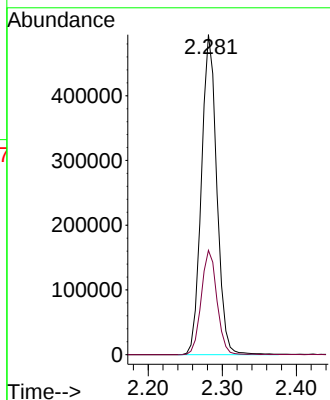
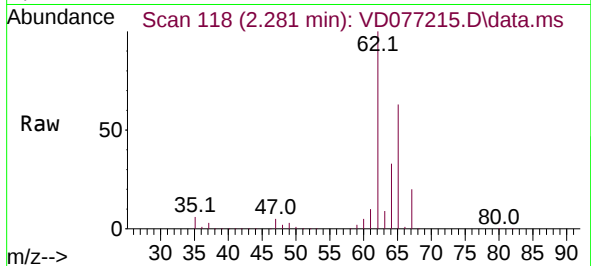




#5
 Vinyl chloride
 Concen: 103.700 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD077215.D
 Acq: 25 Sep 2023 13:46

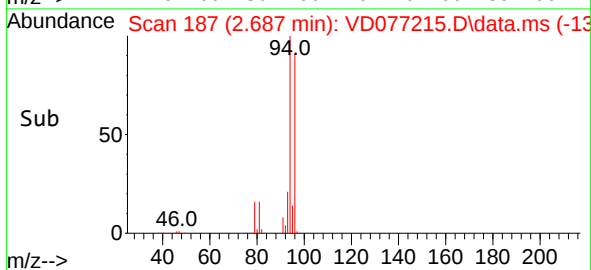
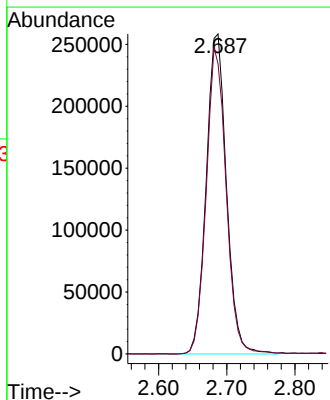
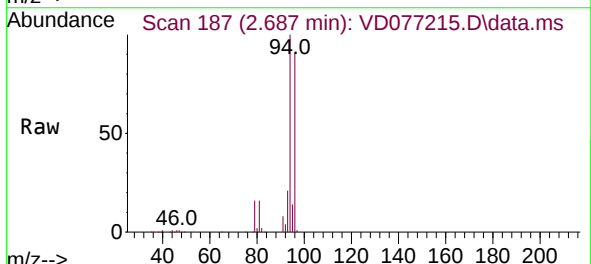
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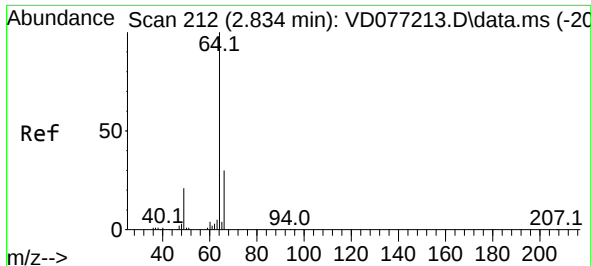
Tgt Ion: 62 Resp: 716402
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.8



#6
 Bromomethane
 Concen: 111.448 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD077215.D
 Acq: 25 Sep 2023 13:46

Tgt Ion: 94 Resp: 534546
 Ion Ratio Lower Upper
 94 100
 96 90.6 67.8 125.8

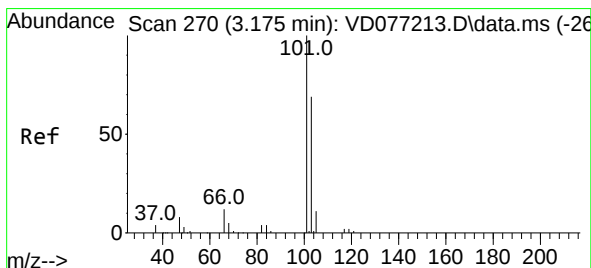
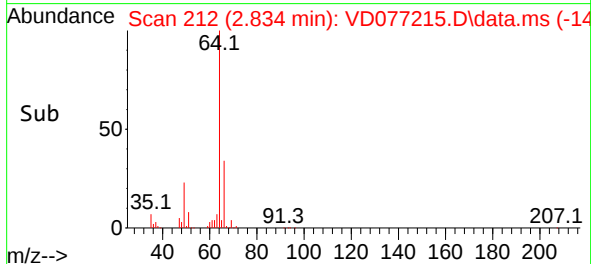
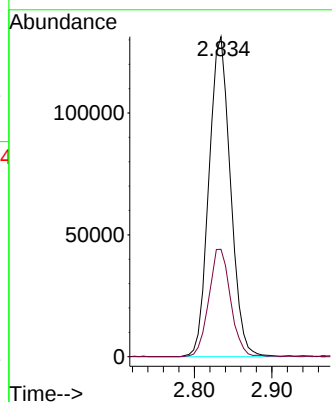
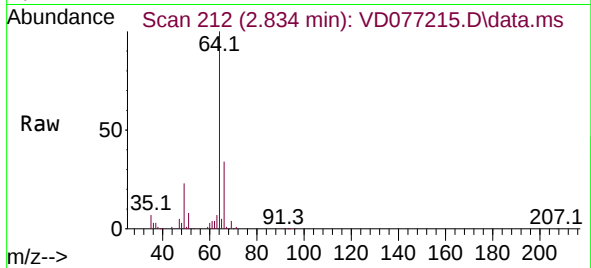




#8
Chloroethane
Concen: 54.563 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

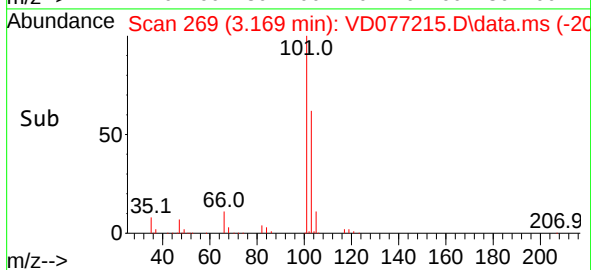
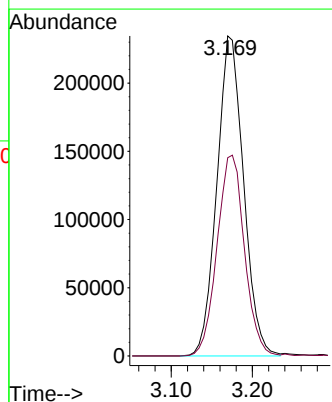
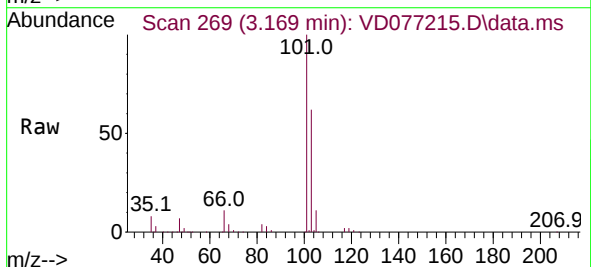
Instrument :
MSVOA_D
ClientSampleId :

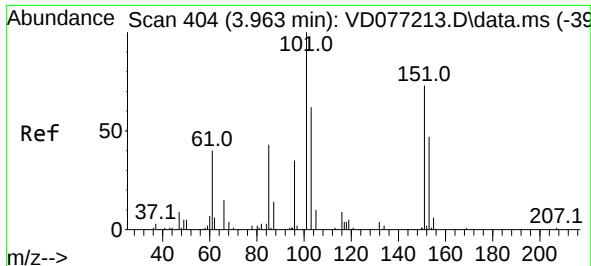
Tgt Ion: 64 Resp: 253832
Ion Ratio Lower Upper
64 100
66 33.5 20.8 38.6



#9
Trichlorofluoromethane
Concen: 79.701 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

Tgt Ion:101 Resp: 536417
Ion Ratio Lower Upper
101 100
103 64.3 52.9 79.3



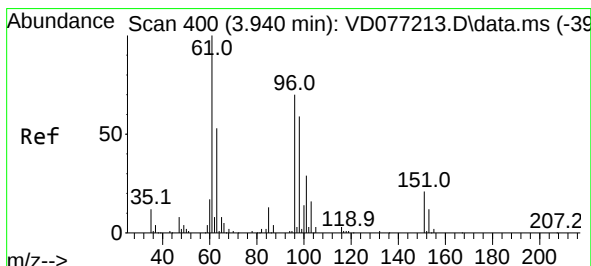
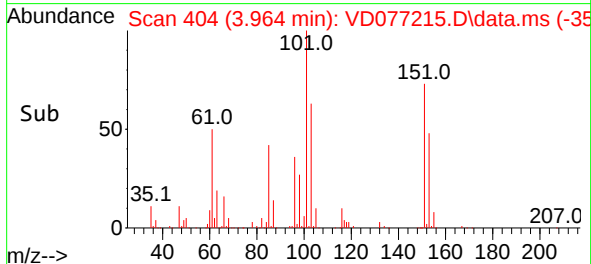
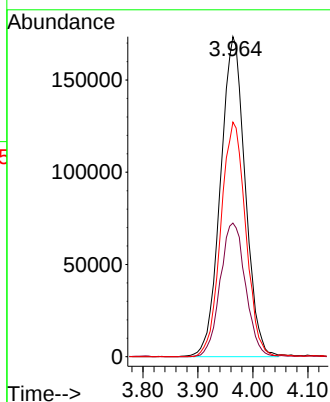
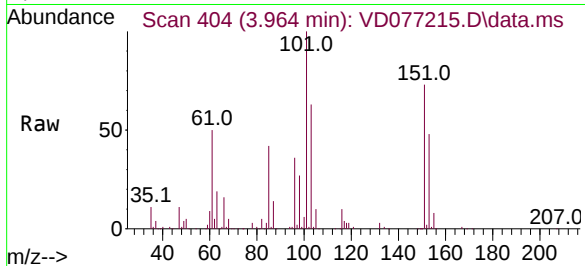


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 130.640 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD077215.D
 Acq: 25 Sep 2023 13:46

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:101 Resp: 541873

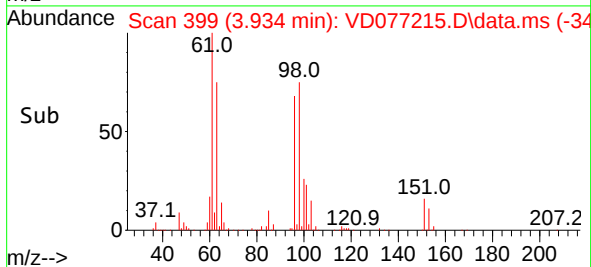
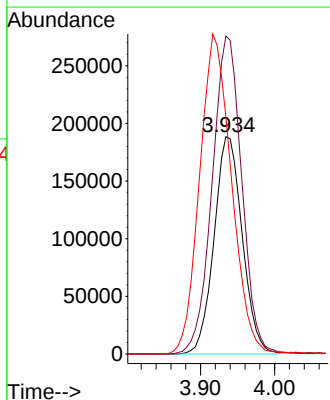
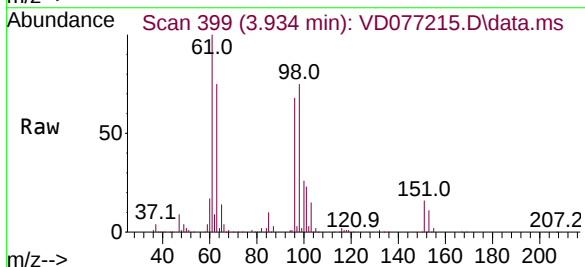
Ion	Ratio	Lower	Upper
101	100		
85	42.6	35.3	52.9
151	73.5	59.9	89.9

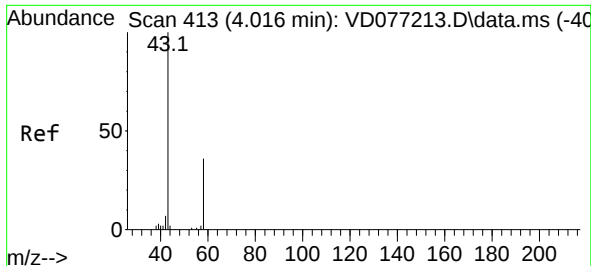


#12
 1,1-Dichloroethene
 Concen: 132.808 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD077215.D
 Acq: 25 Sep 2023 13:46

Tgt Ion: 96 Resp: 497250

Ion	Ratio	Lower	Upper
96	100		
61	146.3	102.1	189.5
63	109.2	63.3	117.5





#13

Acetone

Concen: 235.839 ug/L

RT: 4.016 min Scan# 413

Delta R.T. 0.000 min

Lab File: VD077215.D

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Instrument :

MSVOA_D

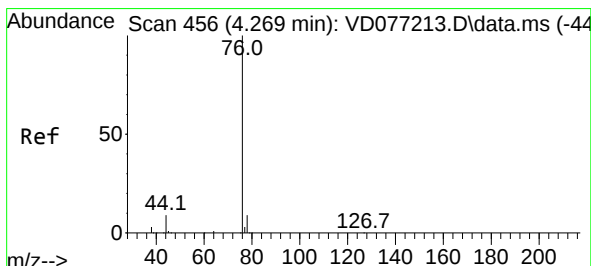
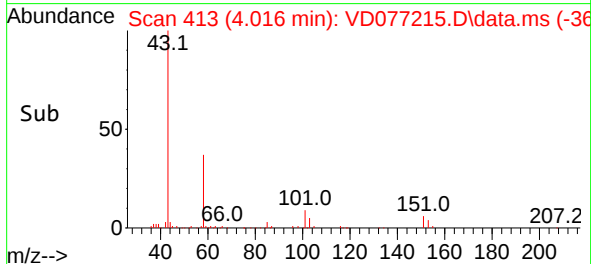
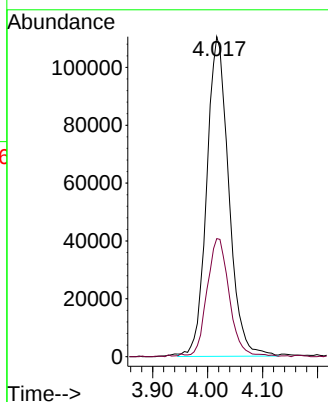
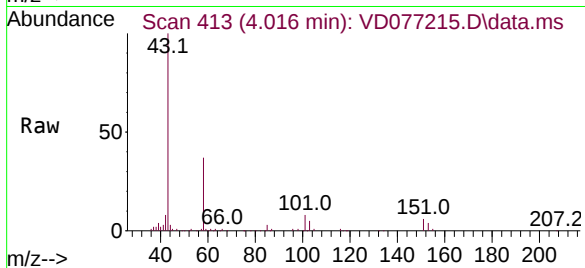
ClientSampleId :

Tgt Ion: 43 Resp: 308903

Ion Ratio Lower Upper

43 100

58 37.0 0.0 74.0



#14

Carbon disulfide

Concen: 108.057 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD077215.D

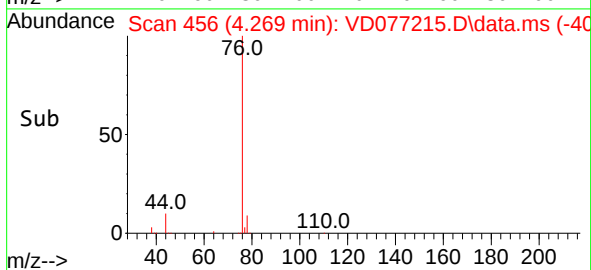
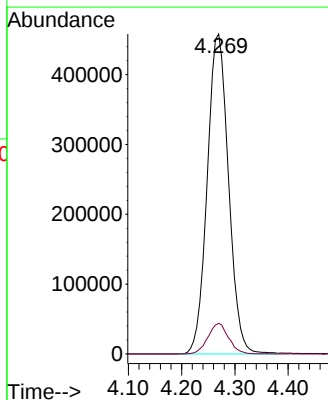
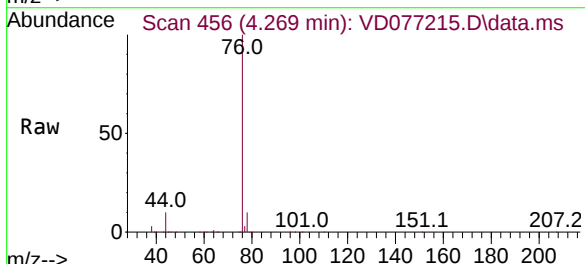
Acq: 25 Sep 2023 13:46

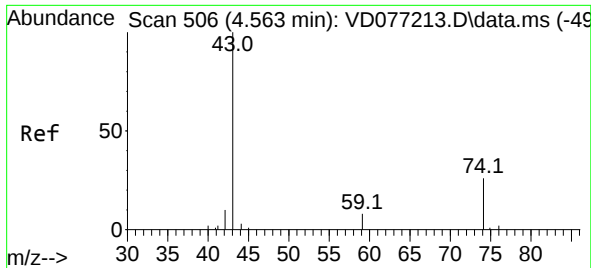
Tgt Ion: 76 Resp: 1275326

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

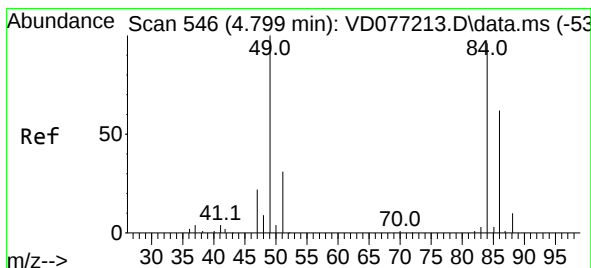
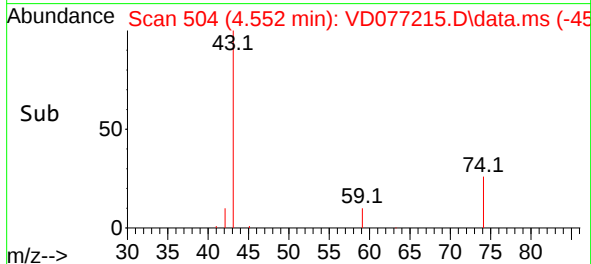
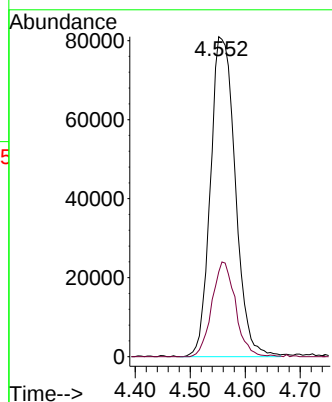
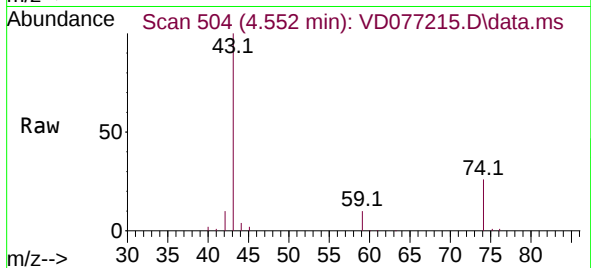




#15
Methyl Acetate
Concen: 143.029 ug/L
RT: 4.552 min Scan# 504
Delta R.T. -0.012 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

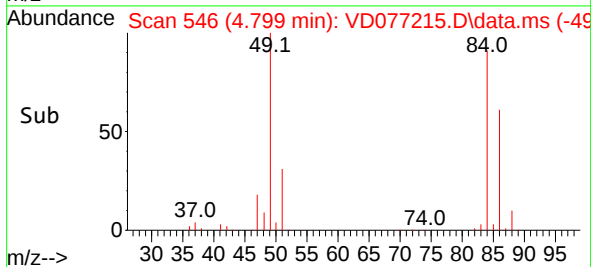
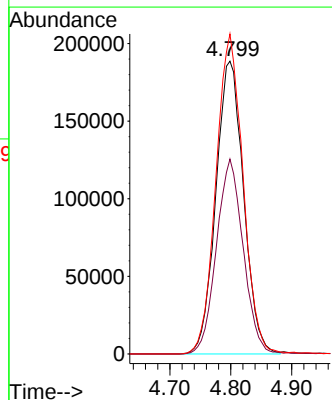
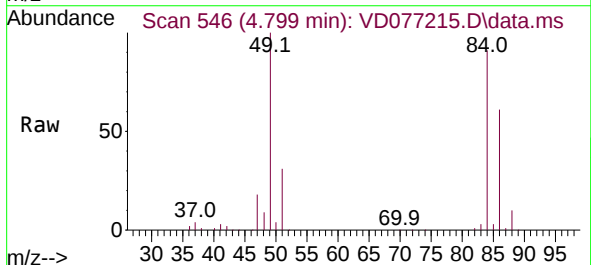
Instrument :
MSVOA_D
ClientSampleId :

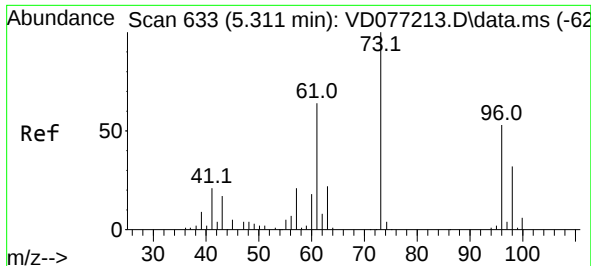
Tgt Ion: 43 Resp: 253958
Ion Ratio Lower Upper
43 100
74 28.0 22.5 33.7



#16
Methylene chloride
Concen: 103.333 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

Tgt Ion: 84 Resp: 596255
Ion Ratio Lower Upper
84 100
86 66.6 45.2 84.0
49 109.3 73.4 136.4

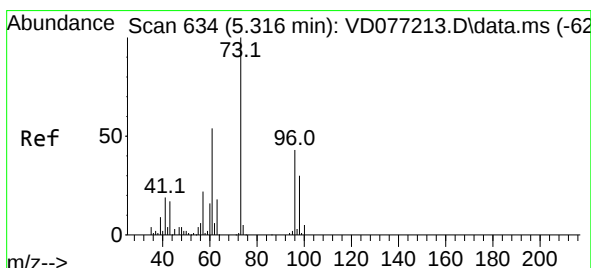
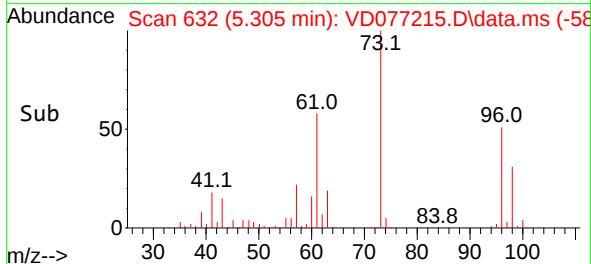
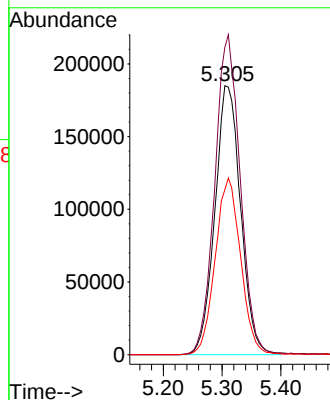
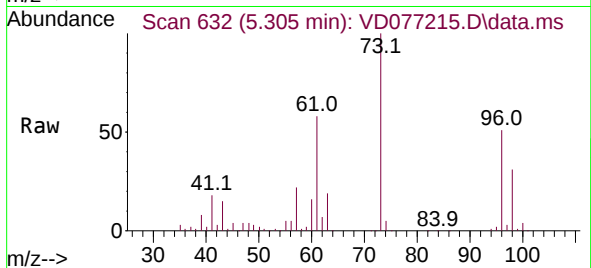




#17
trans-1,2-Dichloroethene
Concen: 135.669 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

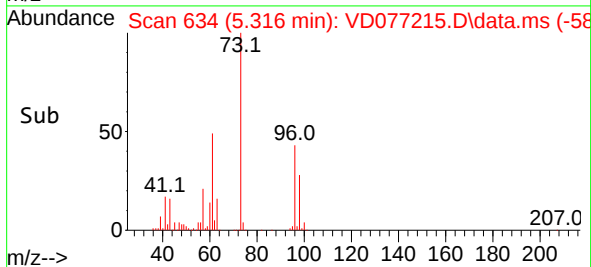
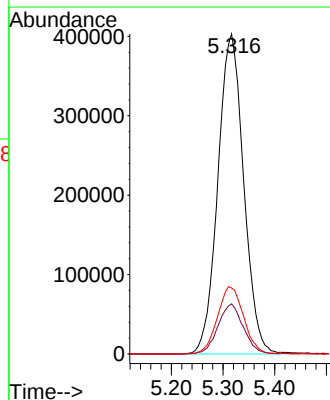
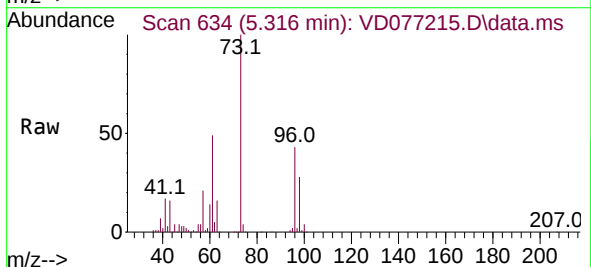
Instrument :
MSVOA_D
ClientSampleId :

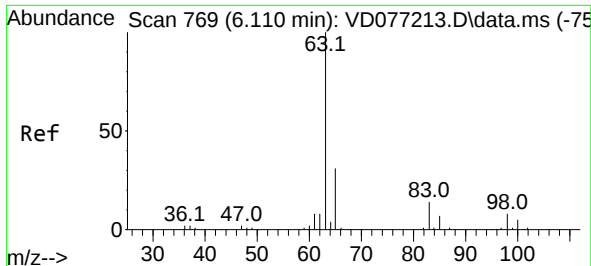
Tgt Ion: 96 Resp: 563106
Ion Ratio Lower Upper
96 100
61 114.3 84.1 156.3
98 61.3 42.0 78.0



#18
Methyl tert-butyl Ether
Concen: 152.407 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

Tgt Ion: 73 Resp: 1396430
Ion Ratio Lower Upper
73 100
43 15.3 12.7 19.1
57 21.4 17.2 25.8





#19

1,1-Dichloroethane

Concen: 140.093 ug/L

RT: 6.111 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Instrument :

MSVOA_D

ClientSampleId :

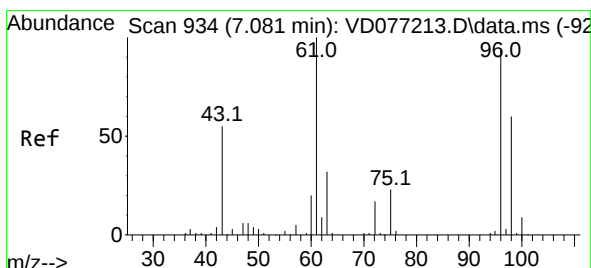
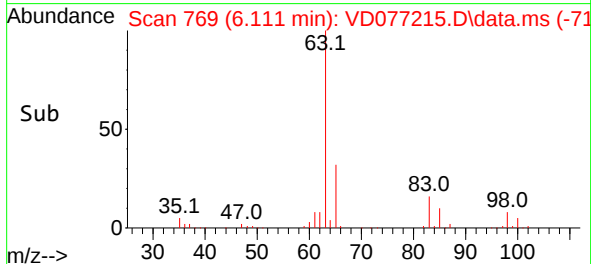
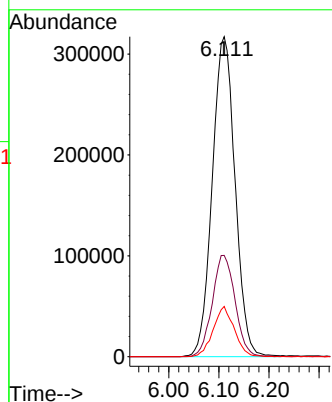
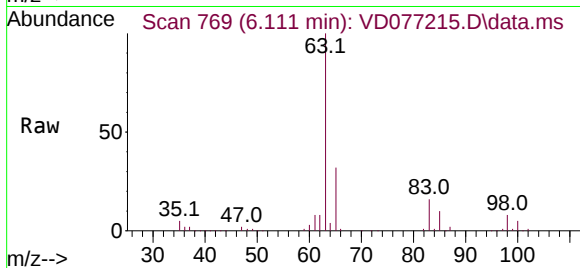
Tgt Ion: 63 Resp: 1002632

Ion Ratio Lower Upper

63 100

65 31.7 21.9 40.7

83 15.7 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 142.267 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

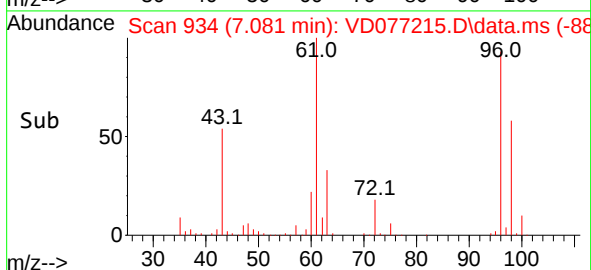
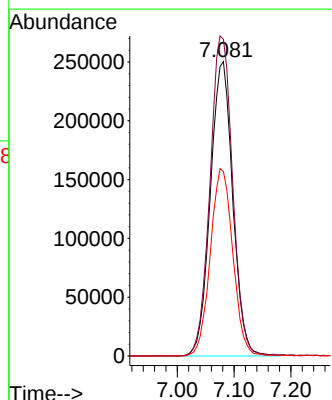
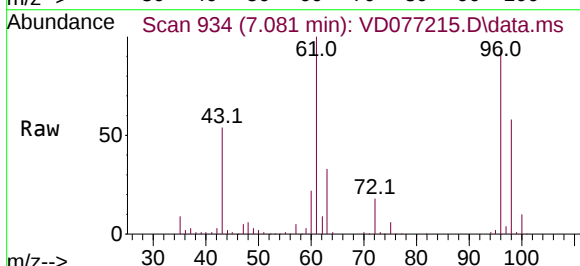
Tgt Ion: 96 Resp: 685060

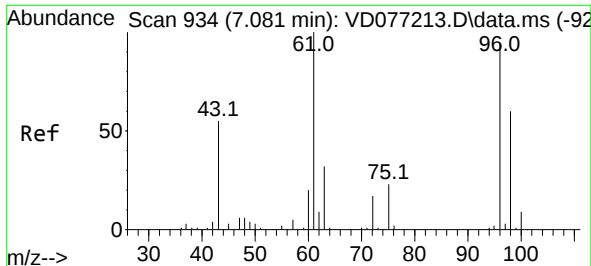
Ion Ratio Lower Upper

96 100

61 107.6 74.8 139.0

98 62.7 45.1 83.7





#22

2-Butanone

Concen: 256.694 ug/L

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Instrument :

MSVOA_D

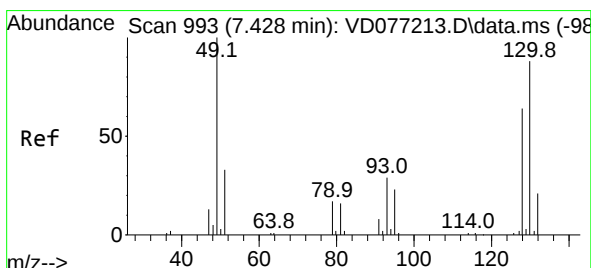
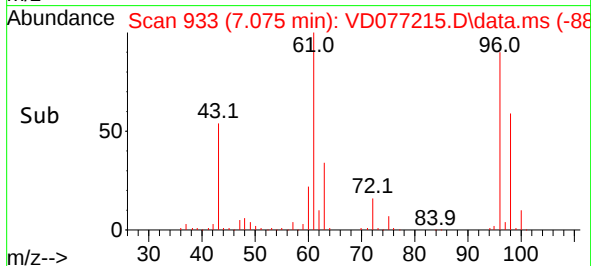
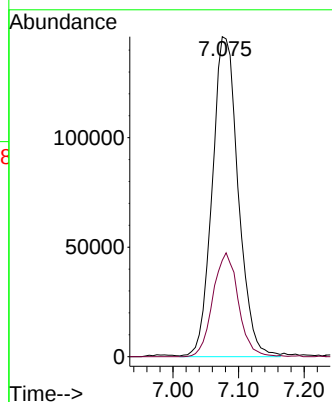
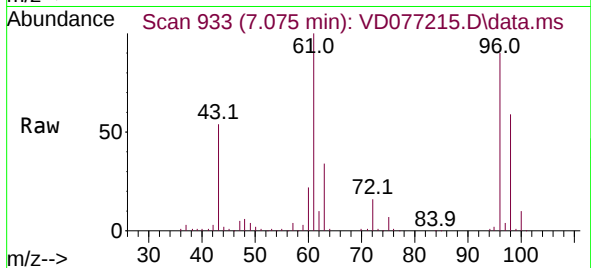
ClientSampleId :

Tgt Ion: 43 Resp: 401976

Ion Ratio Lower Upper

43 100

72 31.7 15.4 46.4



#23

Bromochloromethane

Concen: 131.220 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Tgt Ion:128 Resp: 301808

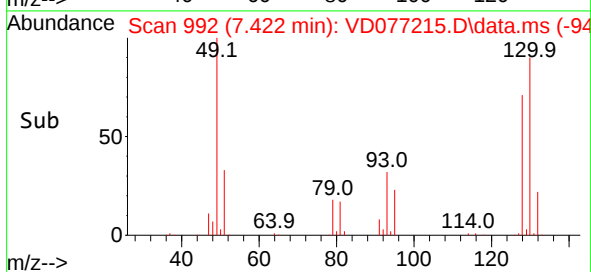
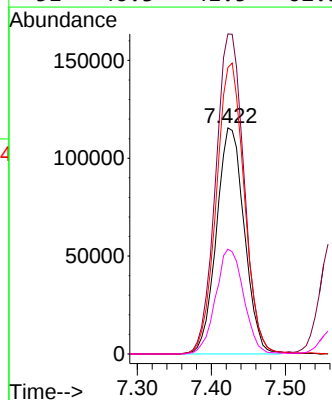
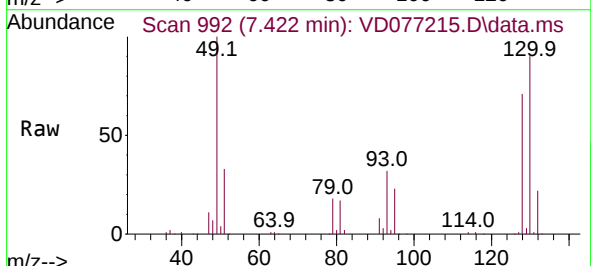
Ion Ratio Lower Upper

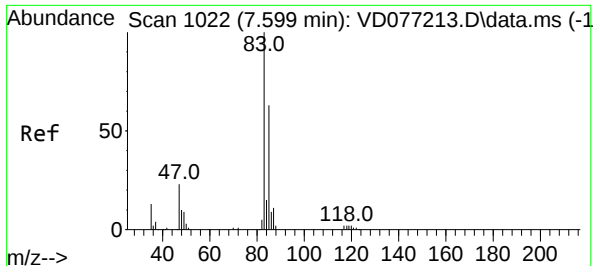
128 100

49 141.5 109.4 203.2

130 126.7 97.1 180.3

51 46.3 41.5 62.3





#25

Chloroform

Concen: 138.493 ug/L

RT: 7.593 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Instrument :

MSVOA_D

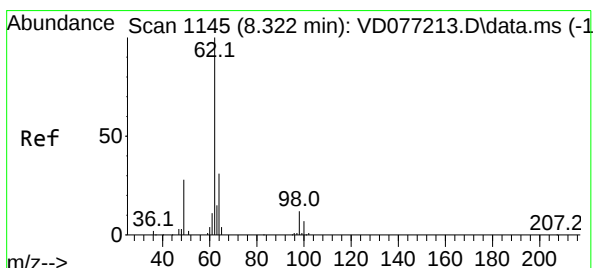
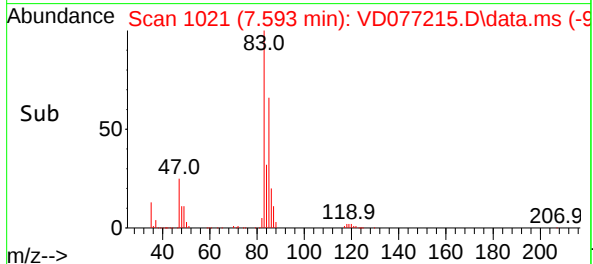
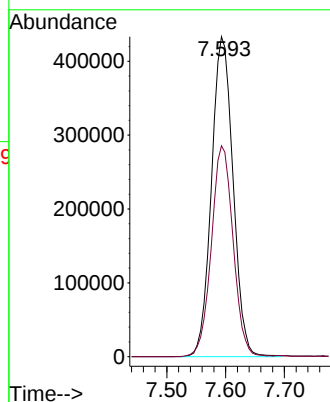
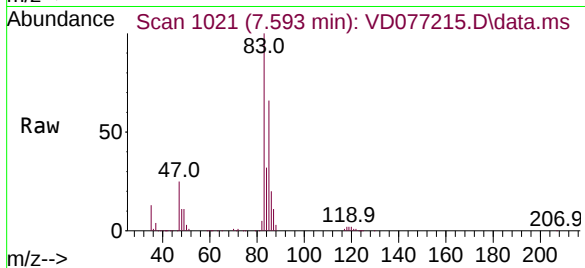
ClientSampleId :

Tgt Ion: 83 Resp: 1102535

Ion Ratio Lower Upper

83 100

85 65.9 44.4 82.5



#27

1,2-Dichloroethane

Concen: 135.571 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD077215.D

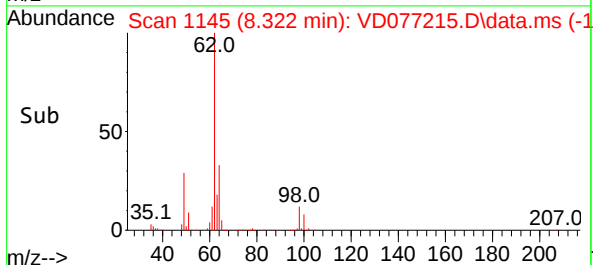
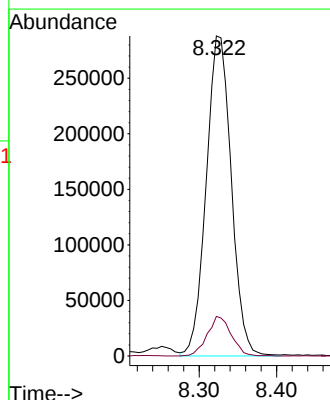
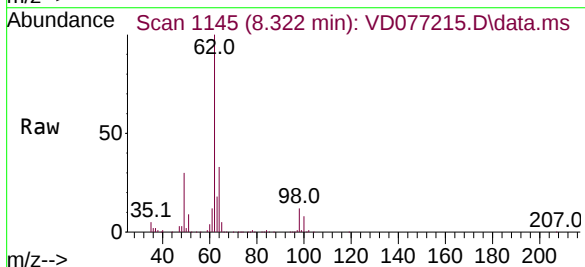
Acq: 25 Sep 2023 13:46

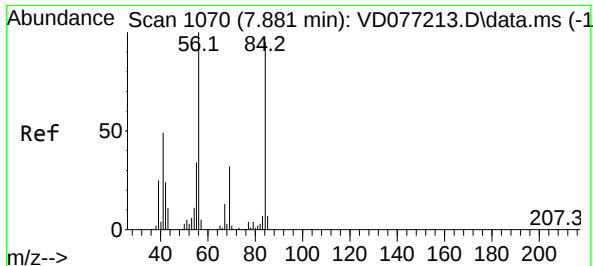
Tgt Ion: 62 Resp: 648048

Ion Ratio Lower Upper

62 100

98 12.4 9.4 14.0





#29

Cyclohexane

Concen: 136.857 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

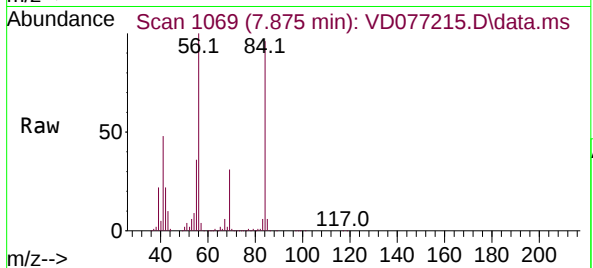
Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Instrument :

MSVOA_D

ClientSampleId :



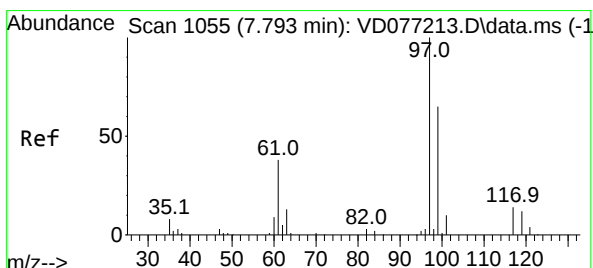
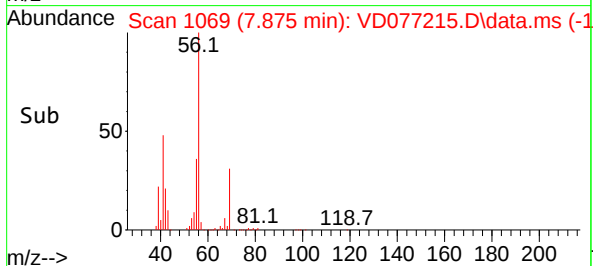
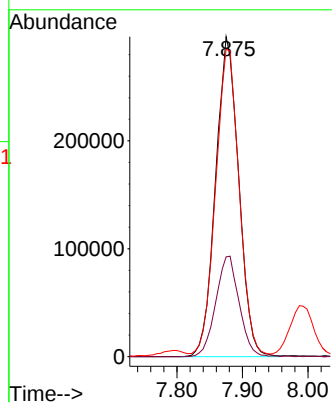
Tgt Ion: 56 Resp: 726756

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.0

84 98.0 80.6 120.8



#30

1,1,1-Trichloroethane

Concen: 128.740 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

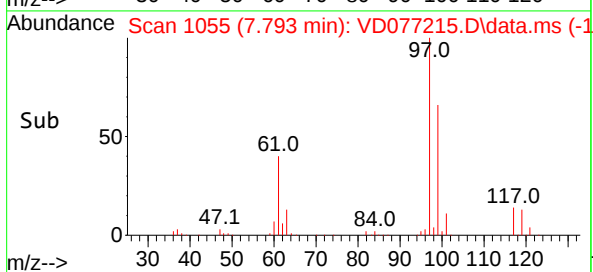
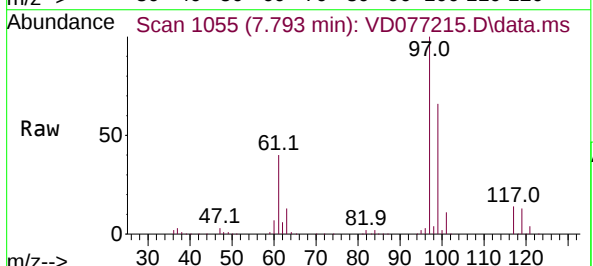
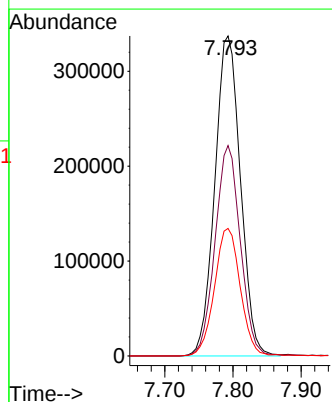
Tgt Ion: 97 Resp: 884065

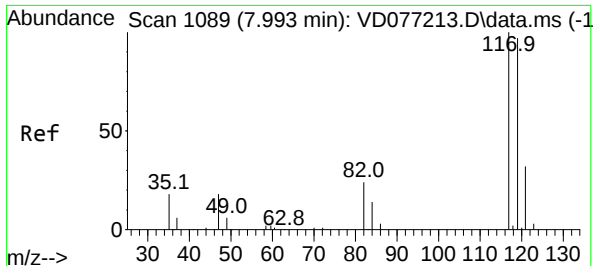
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 39.9 31.6 47.4

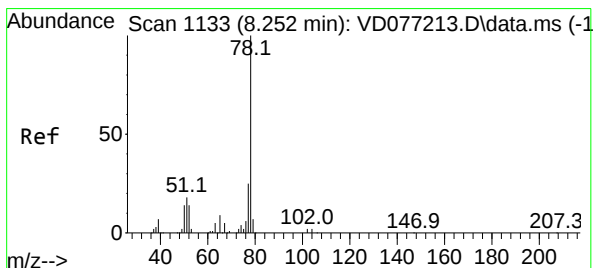
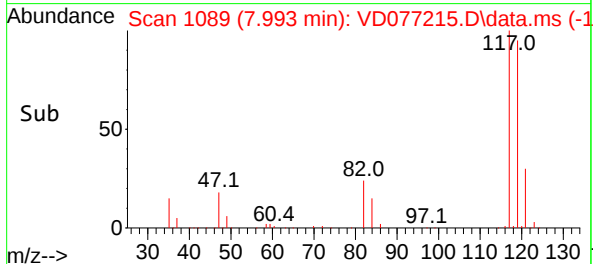
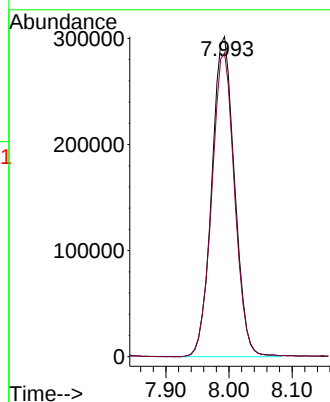
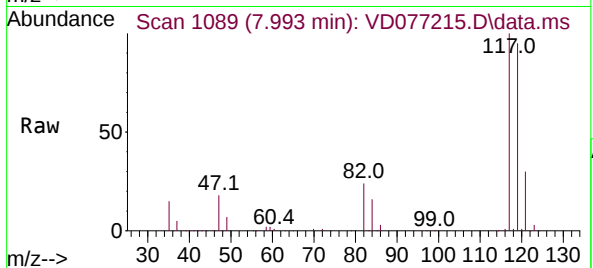




#31
Carbon tetrachloride
Concen: 131.289 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

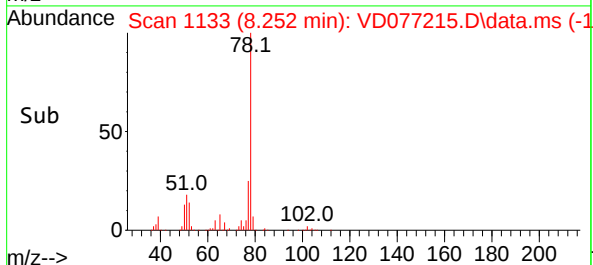
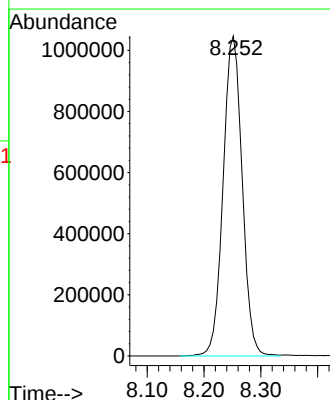
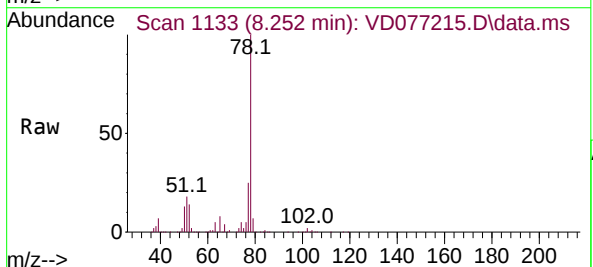
Instrument :
MSVOA_D
ClientSampleId :

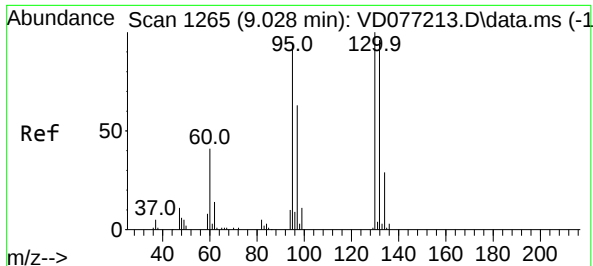
Tgt Ion:117 Resp: 754373
Ion Ratio Lower Upper
117 100
119 94.9 75.4 113.0



#33
Benzene
Concen: 137.931 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

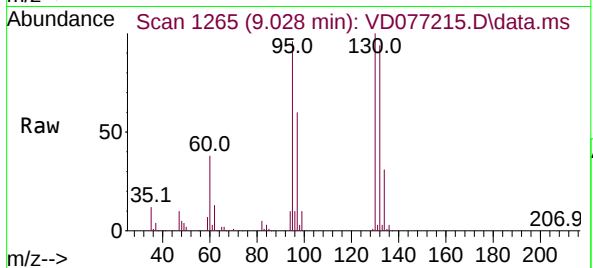
Tgt Ion: 78 Resp: 2442604



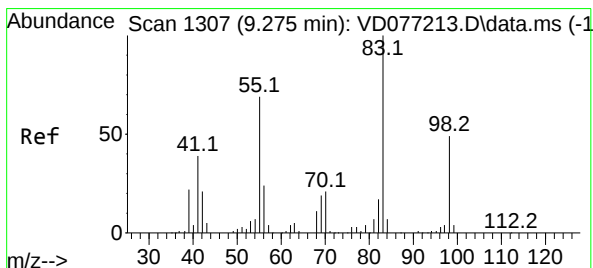
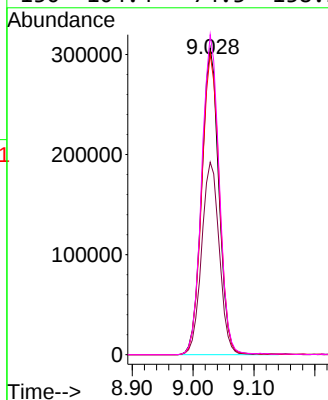
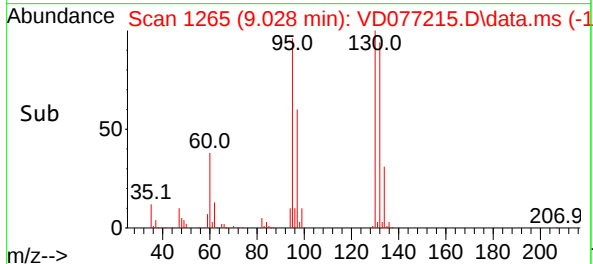


#34
 Trichloroethene
 Concen: 130.159 ug/L
 RT: 9.028 min Scan# 1265
 Delta R.T. 0.000 min
 Lab File: VD077215.D
 Acq: 25 Sep 2023 13:46

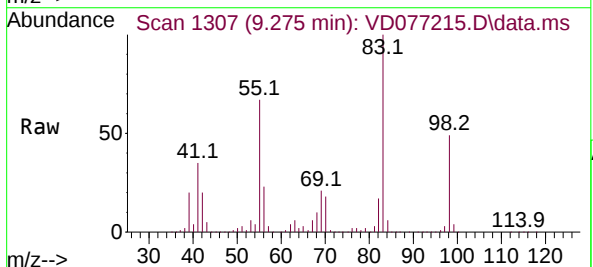
Instrument :
 MSVOA_D
 ClientSampleId :



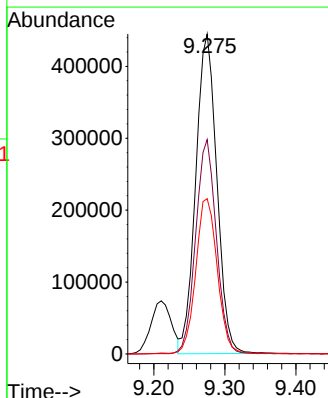
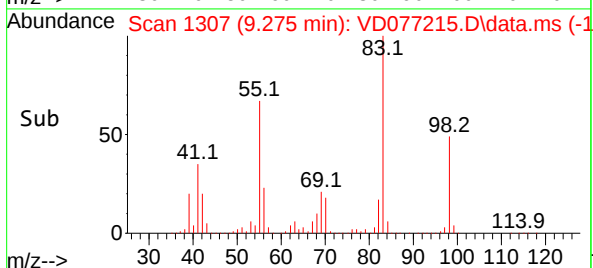
Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.8	46.5	86.5
132	98.2	71.8	133.4
130	104.4	74.3	138.1

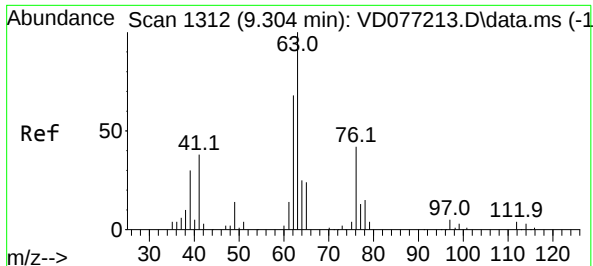


#35
 Methylcyclohexane
 Concen: 132.133 ug/L
 RT: 9.275 min Scan# 1307
 Delta R.T. 0.000 min
 Lab File: VD077215.D
 Acq: 25 Sep 2023 13:46



Tgt Ion	Ratio	Lower	Upper
83	100		
55	65.8	53.0	79.4
98	49.7	39.4	59.0





#37

1,2-Dichloropropane

Concen: 138.151 ug/L

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Instrument :

MSVOA_D

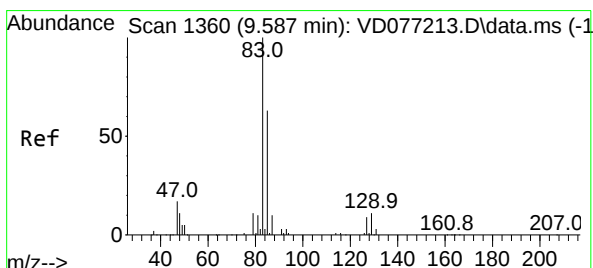
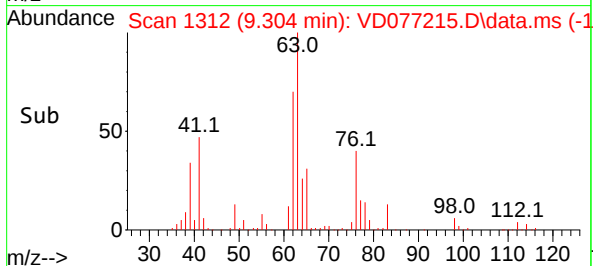
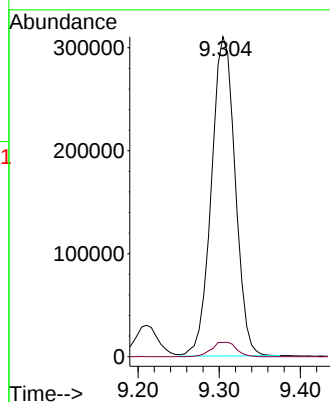
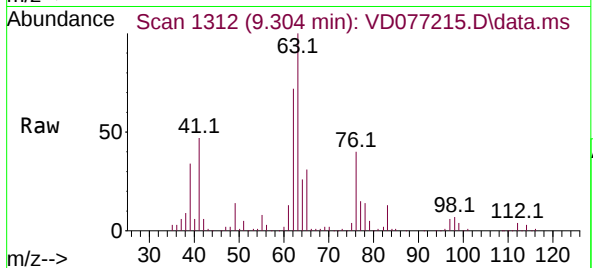
ClientSampleId :

Tgt Ion: 63 Resp: 631038

Ion Ratio Lower Upper

63 100

112 4.7 3.4 5.2



#38

Bromodichloromethane

Concen: 132.441 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

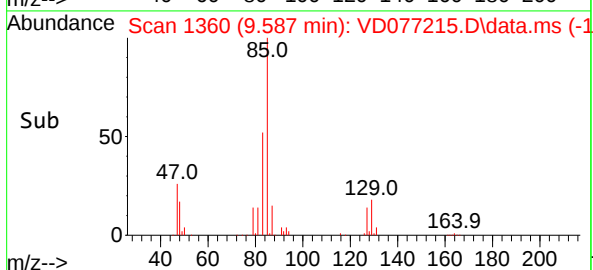
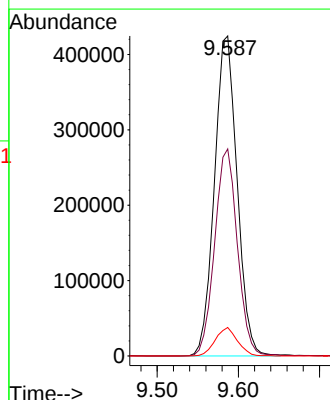
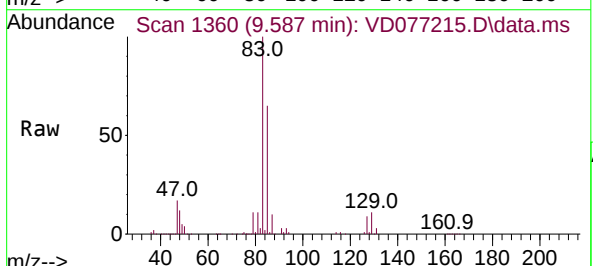
Tgt Ion: 83 Resp: 826265

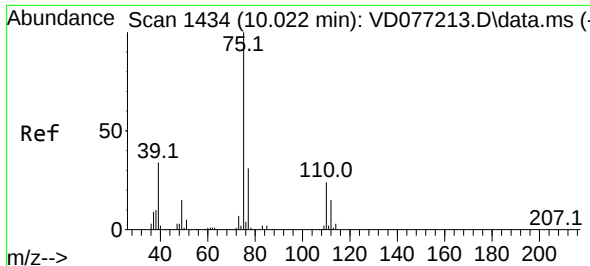
Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.2

127 8.9 7.1 10.7

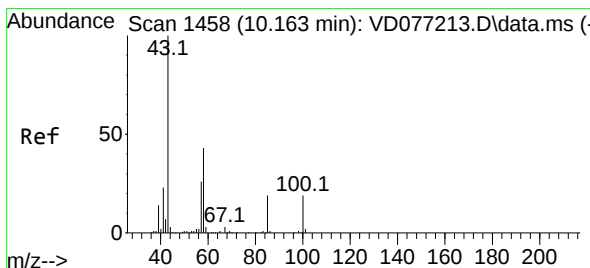
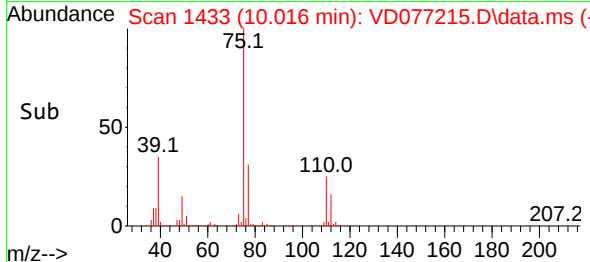
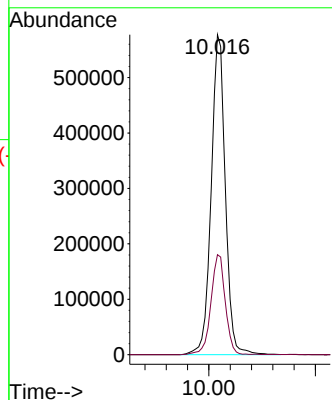
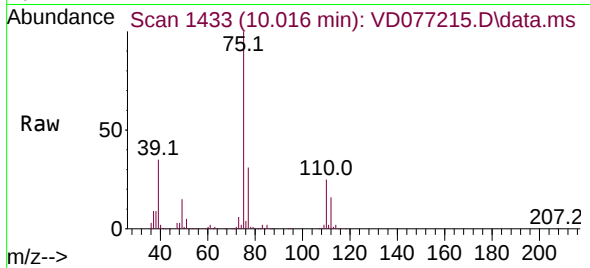




#39
cis-1,3-Dichloropropene
Concen: 148.652 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

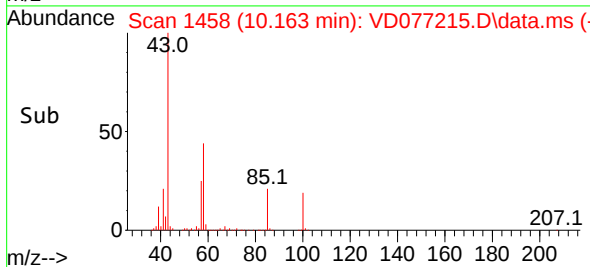
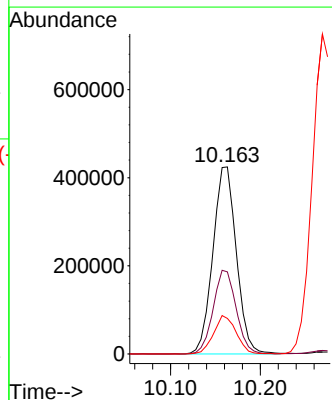
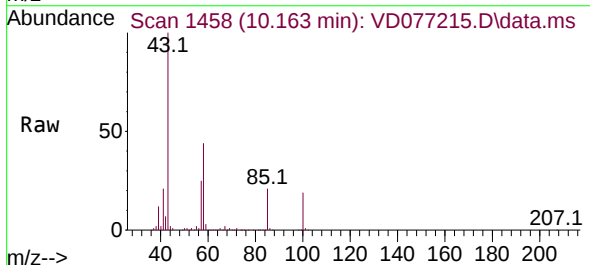
Instrument :
MSVOA_D
ClientSampleId :

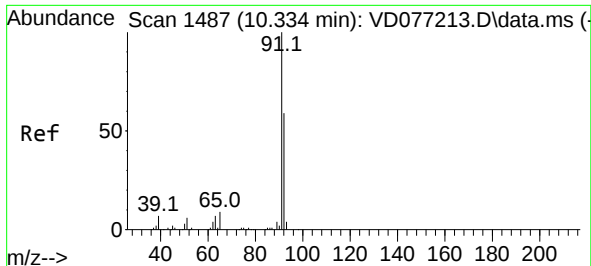
Tgt Ion: 75 Resp: 1061979
Ion Ratio Lower Upper
75 100
77 31.3 22.0 41.0



#40
4-Methyl-2-pentanone
Concen: 303.164 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

Tgt Ion: 43 Resp: 772357
Ion Ratio Lower Upper
43 100
58 43.9 33.9 50.9
100 19.7 14.9 22.3

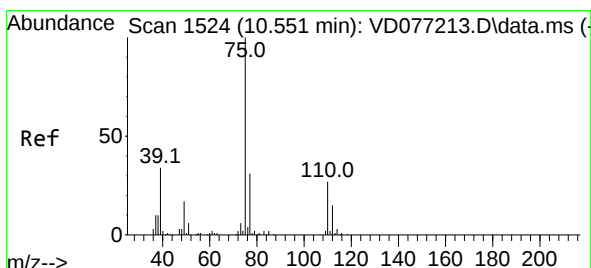
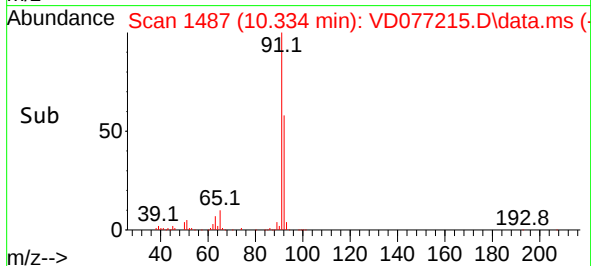
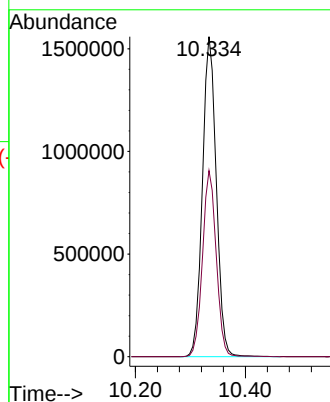
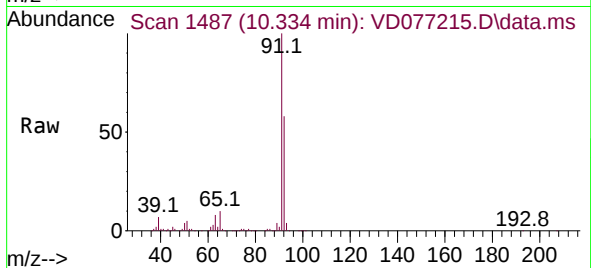




#42
Toluene
Concen: 141.981 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

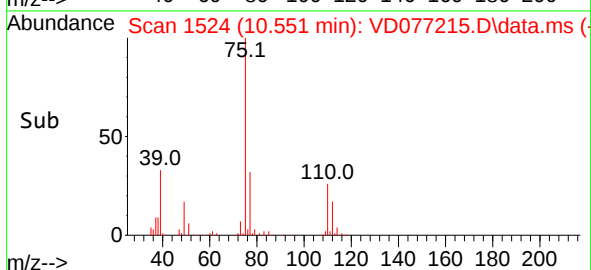
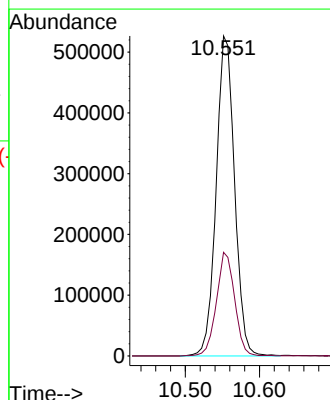
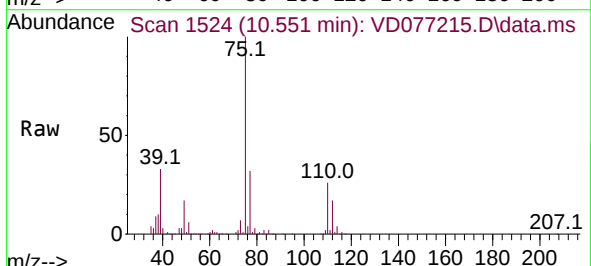
Instrument :
MSVOA_D
ClientSampleId :

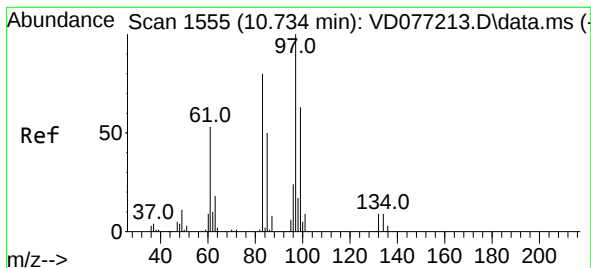
Tgt Ion: 91 Resp: 2726231
Ion Ratio Lower Upper
91 100
92 58.2 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 148.049 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

Tgt Ion: 75 Resp: 907769
Ion Ratio Lower Upper
75 100
77 32.4 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 135.085 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 525335

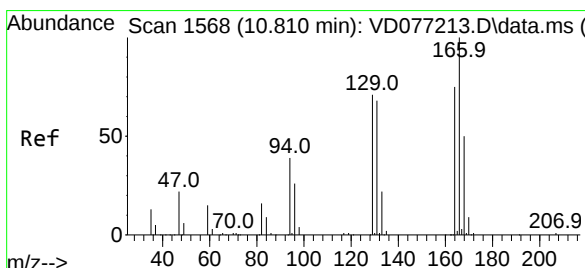
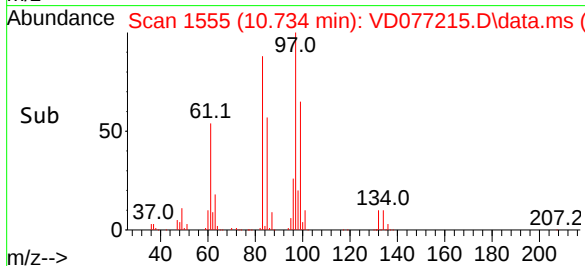
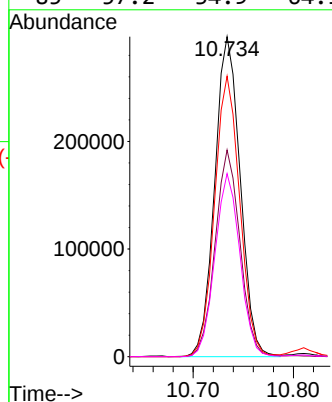
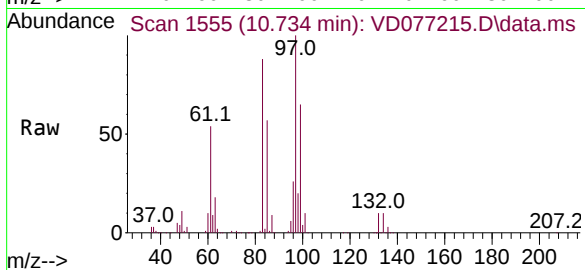
Ion Ratio Lower Upper

97 100

99 64.6 44.2 82.0

83 87.6 56.4 104.7

85 57.2 34.9 64.9



#46

Tetrachloroethene

Concen: 124.103 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Tgt Ion:164 Resp: 468950

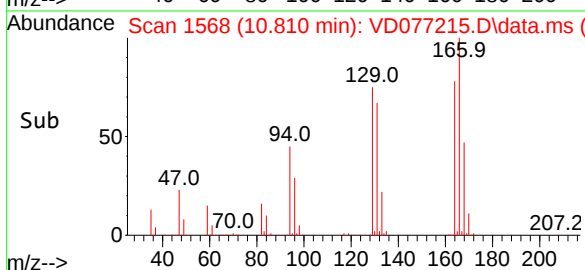
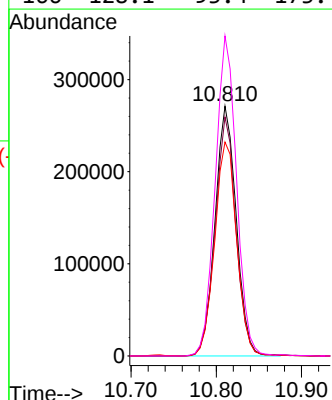
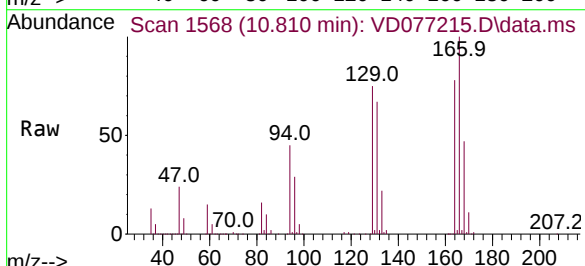
Ion Ratio Lower Upper

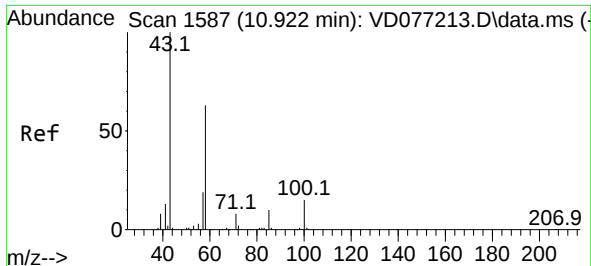
164 100

129 95.6 66.1 122.8

131 85.7 63.5 117.9

166 128.1 93.4 173.4

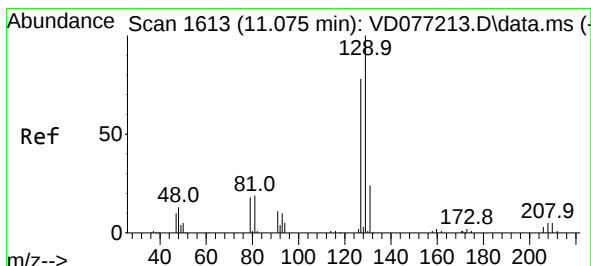
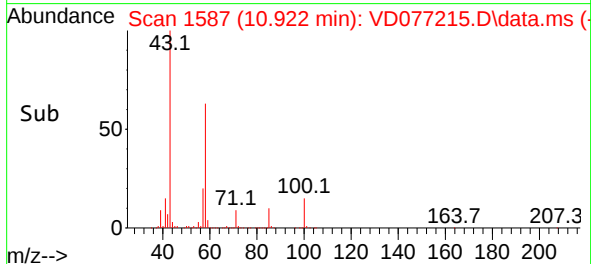
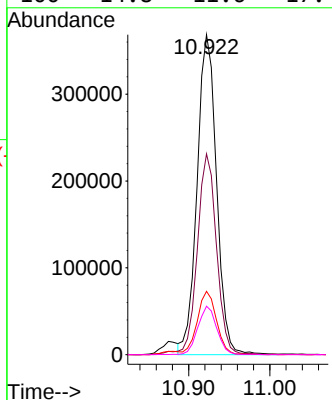
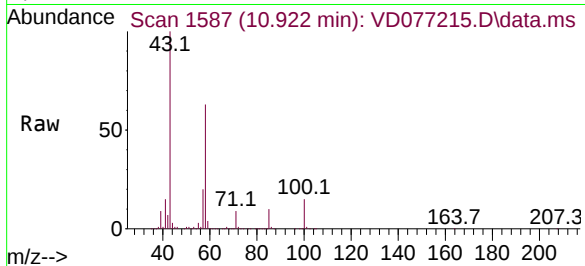




#48
2-Hexanone
Concen: 311.690 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

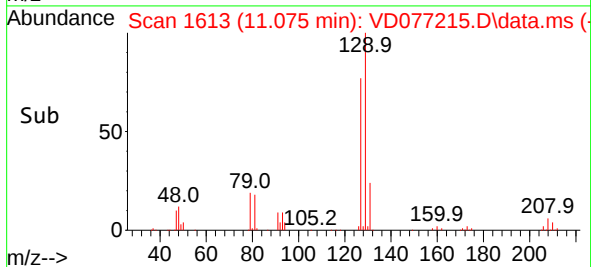
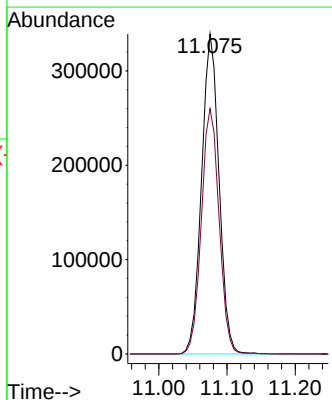
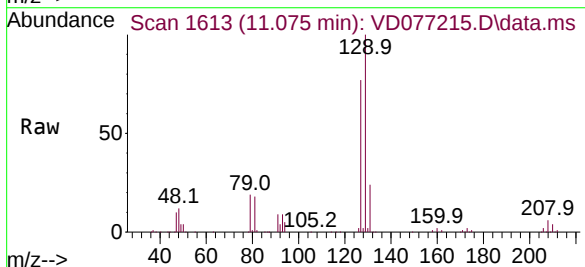
Instrument :
MSVOA_D
ClientSampleId :

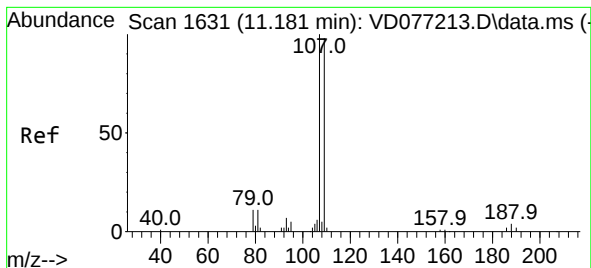
Tgt Ion: 43 Resp: 614465
Ion Ratio Lower Upper
43 100
58 60.5 47.8 71.8
57 19.0 15.6 23.4
100 14.8 11.6 17.4



#49
Dibromochloromethane
Concen: 134.879 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

Tgt Ion: 129 Resp: 604247
Ion Ratio Lower Upper
129 100
127 76.7 54.5 101.1





#50

1,2-Dibromoethane

Concen: 136.046 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077215.D

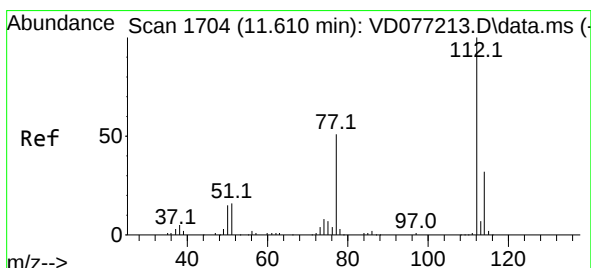
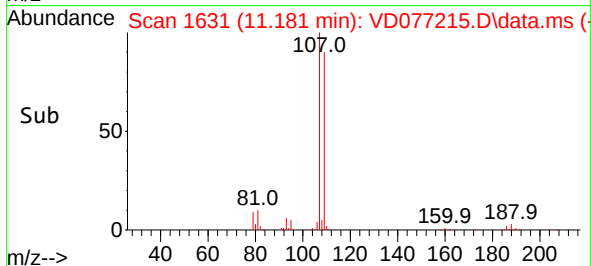
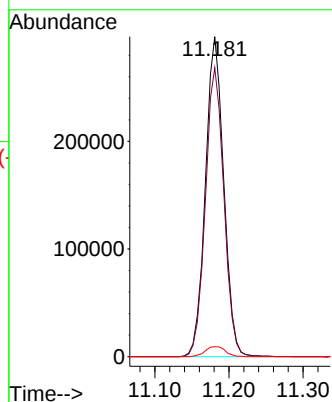
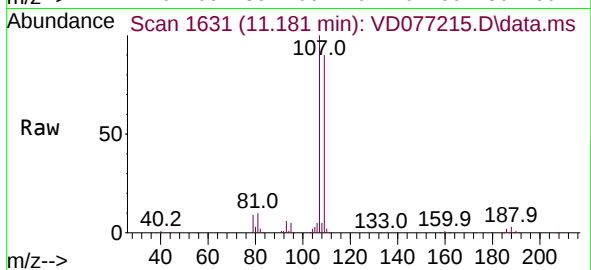
Acq: 25 Sep 2023 13:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	511265
Ion	Ratio	Lower	Upper
107	100		
109	90.3	68.8	127.8
188	3.1	3.0	4.6



#51

Chlorobenzene

Concen: 136.227 ug/L

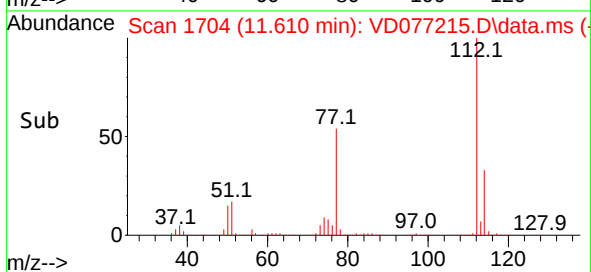
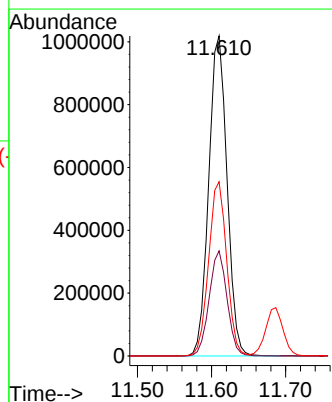
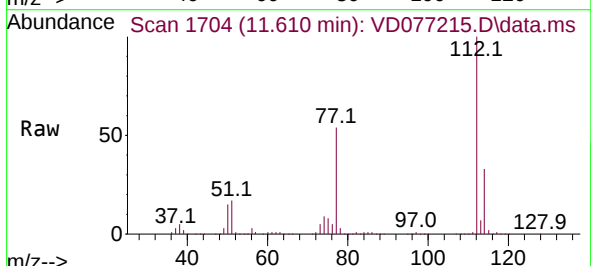
RT: 11.610 min Scan# 1704

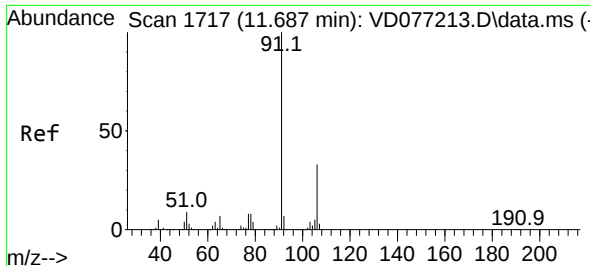
Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Tgt Ion:	112	Resp:	1745961
Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.7	42.1
77	54.4	40.8	61.2

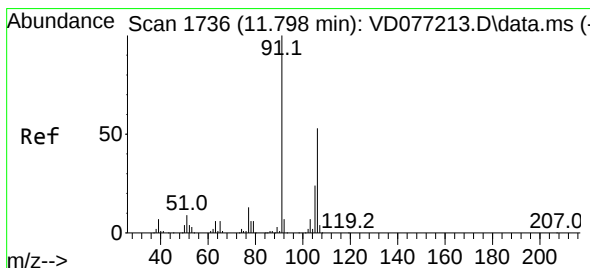
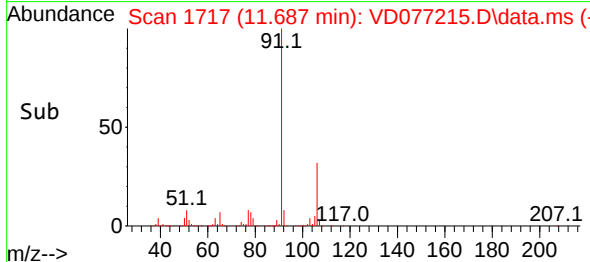
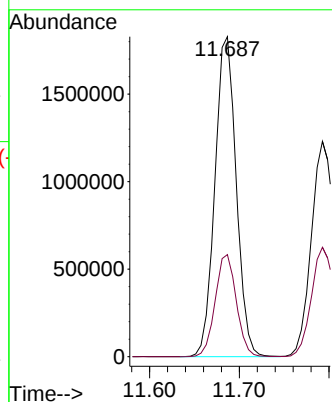
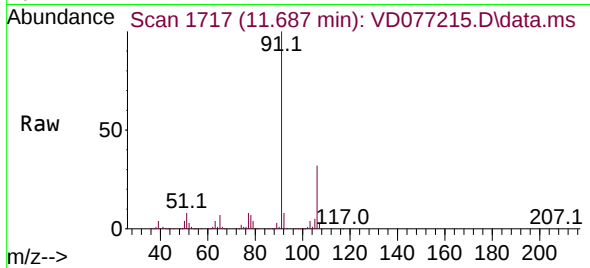




#52
Ethylbenzene
Concen: 145.705 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

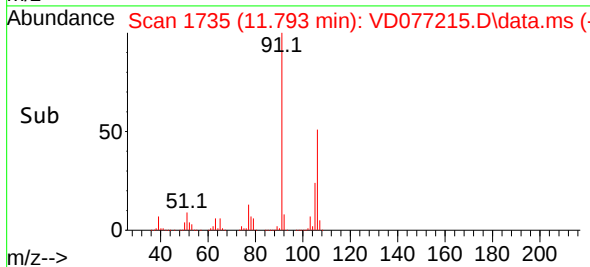
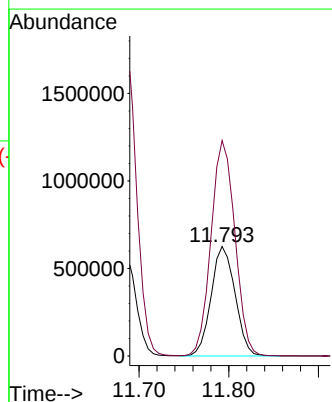
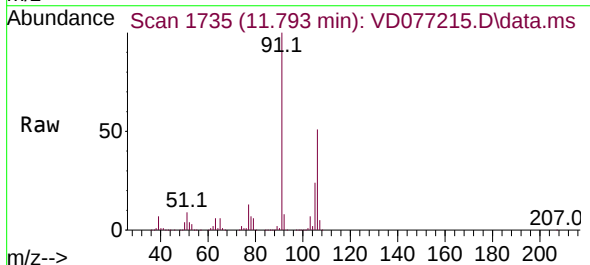
Instrument :
MSVOA_D
ClientSampleId :

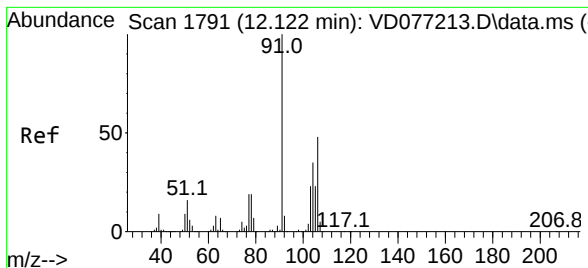
Tgt Ion: 91 Resp: 3017477
Ion Ratio Lower Upper
91 100
106 31.9 23.2 43.0



#53
m,p-Xylene
Concen: 144.760 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

Tgt Ion:106 Resp: 1157954
Ion Ratio Lower Upper
106 100
91 196.8 132.8 246.6

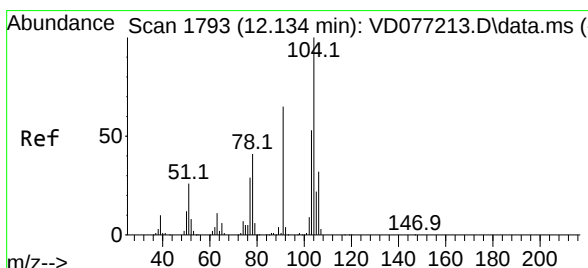
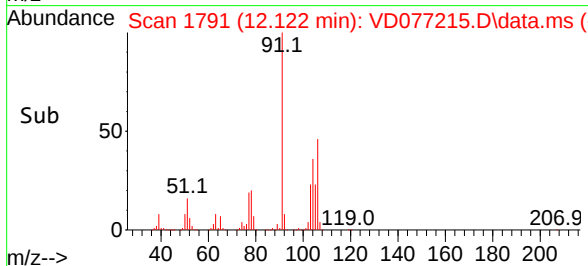
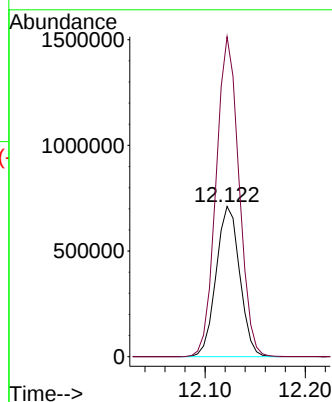
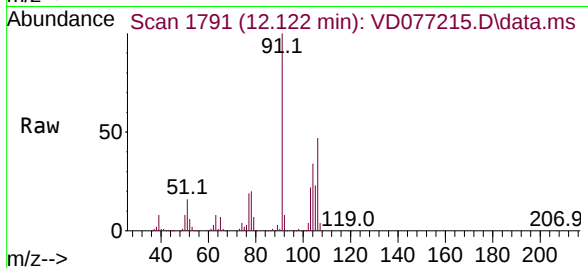




#54
o-Xylene
Concen: 150.803 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

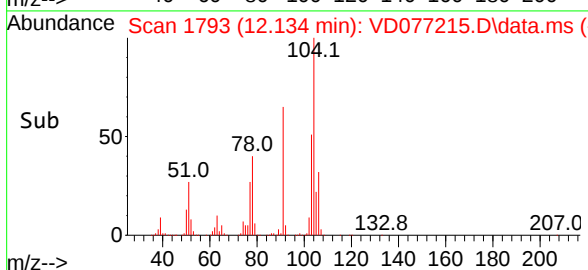
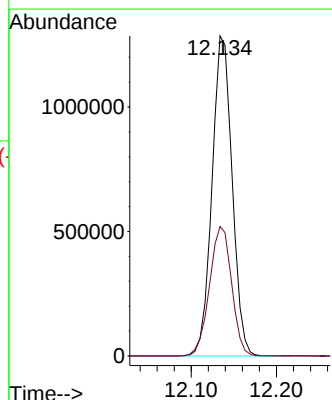
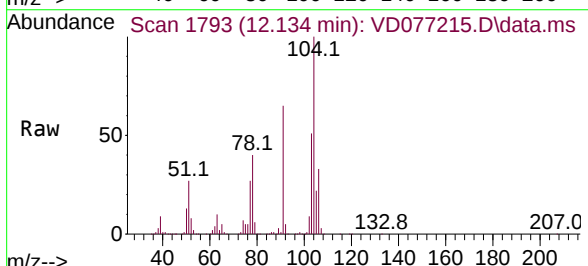
Instrument :
MSVOA_D
ClientSampleId :

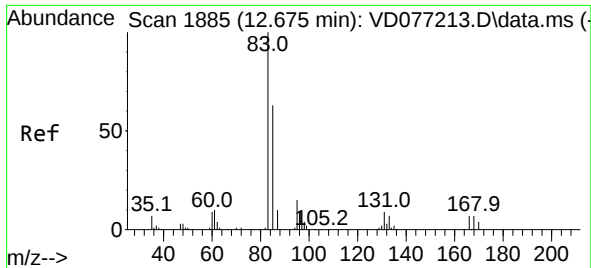
Tgt Ion:106 Resp: 1162717
Ion Ratio Lower Upper
106 100
91 213.0 146.7 272.5



#55
Styrene
Concen: 151.780 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

Tgt Ion:104 Resp: 2107875
Ion Ratio Lower Upper
104 100
78 40.4 29.0 53.8

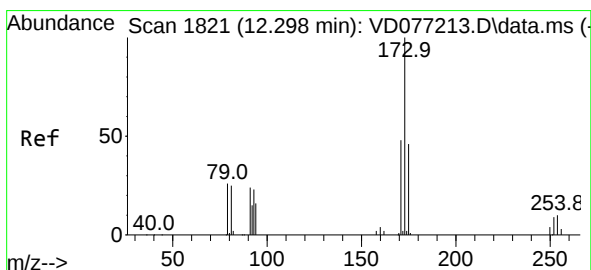
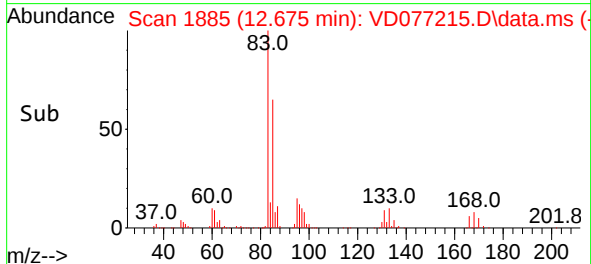
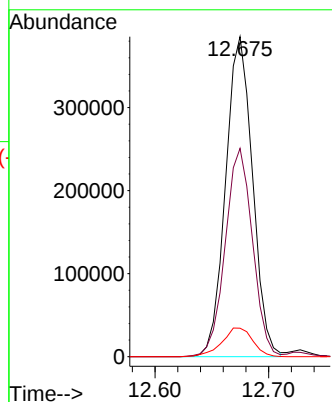
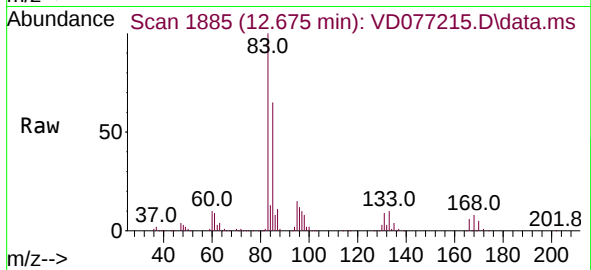




#57
1,1,2,2-Tetrachloroethane
Concen: 138.928 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

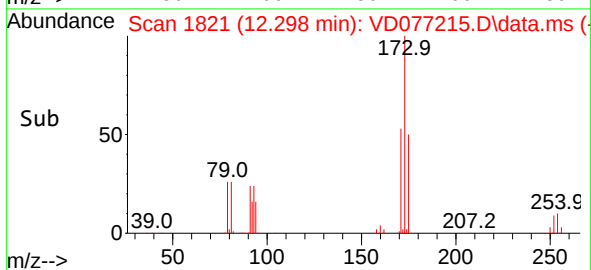
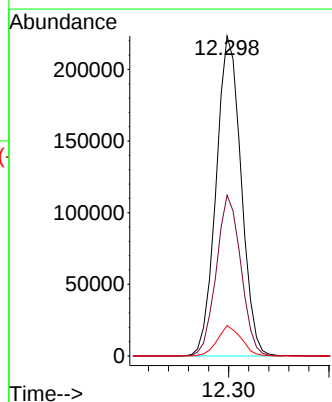
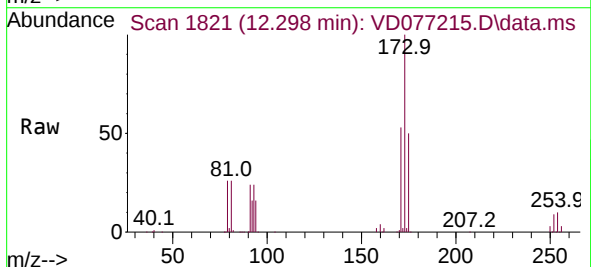
Instrument :
MSVOA_D
ClientSampleId :

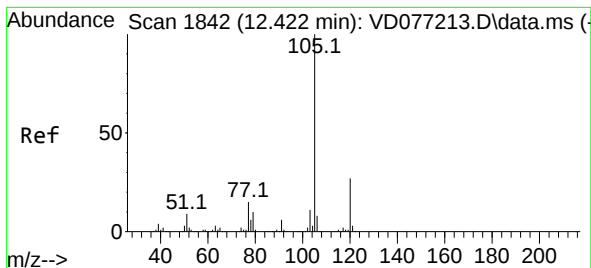
Tgt Ion: 83 Resp: 634976
Ion Ratio Lower Upper
83 100
85 65.1 44.0 81.8
131 8.9 7.7 11.5



#59
Bromoform
Concen: 128.869 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

Tgt Ion:173 Resp: 386126
Ion Ratio Lower Upper
173 100
175 49.5 39.5 59.3
254 9.1 7.1 10.7





#60

Isopropylbenzene

Concen: 143.452 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Instrument :

MSVOA_D

ClientSampleId :

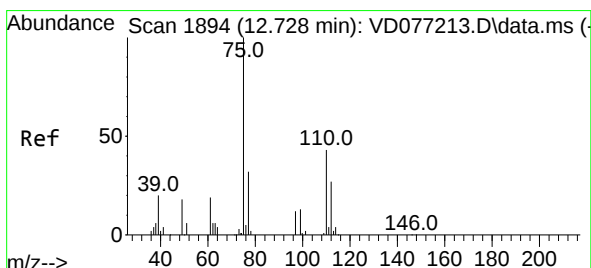
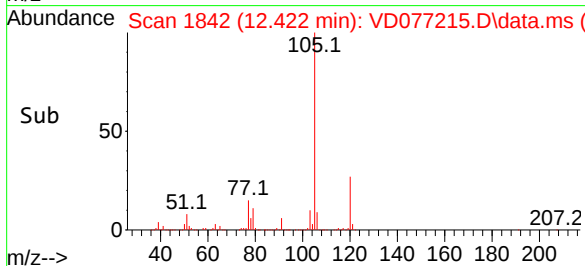
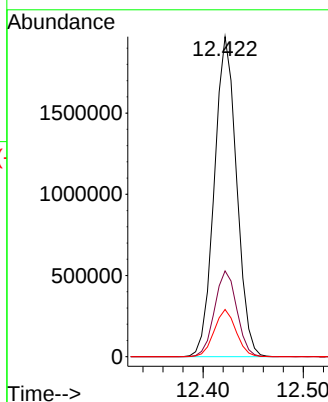
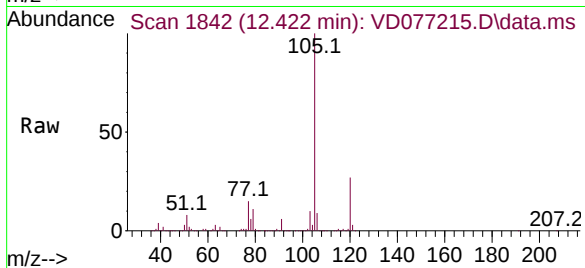
Tgt Ion:105 Resp: 3039793

Ion Ratio Lower Upper

105 100

120 26.8 21.3 31.9

77 14.4 11.5 17.3



#61

1,2,3-Trichloropropane

Concen: 128.042 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

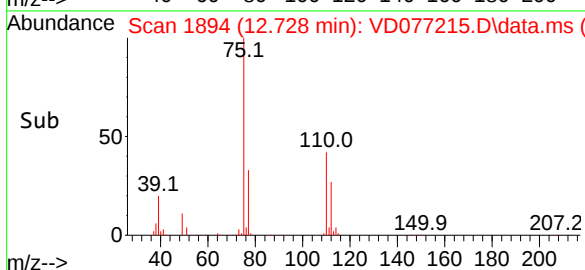
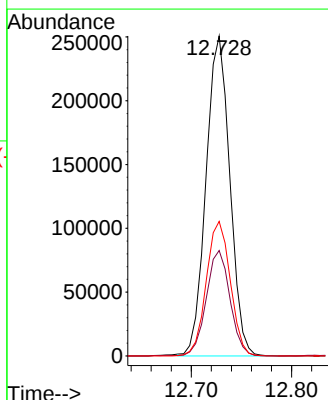
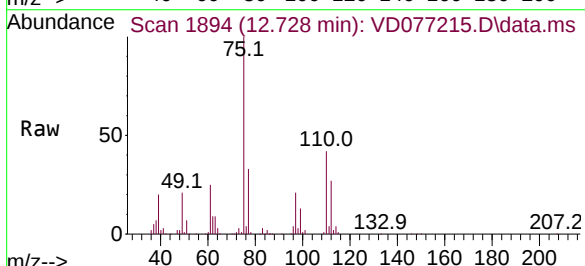
Tgt Ion: 75 Resp: 413729

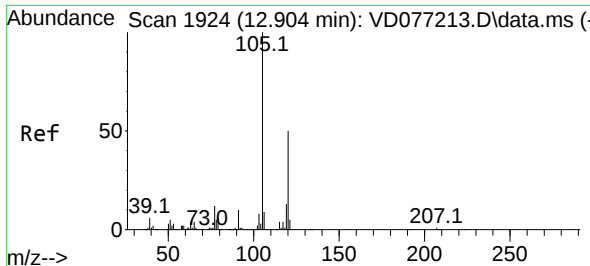
Ion Ratio Lower Upper

75 100

77 32.8 25.3 37.9

110 42.4 33.8 50.8





#62

1,3,5-Trimethylbenzene

Concen: 148.287 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Instrument :

MSVOA_D

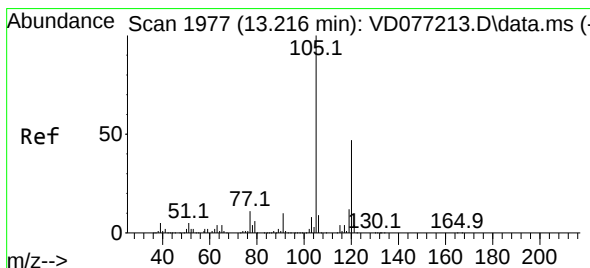
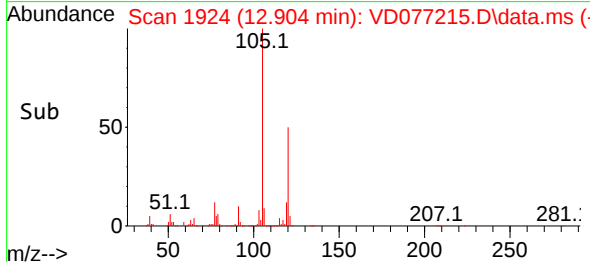
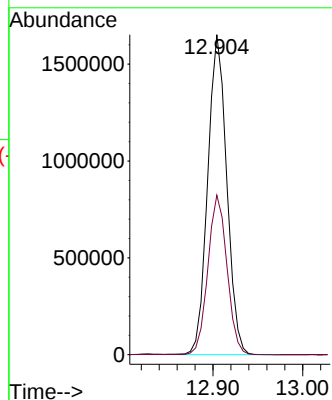
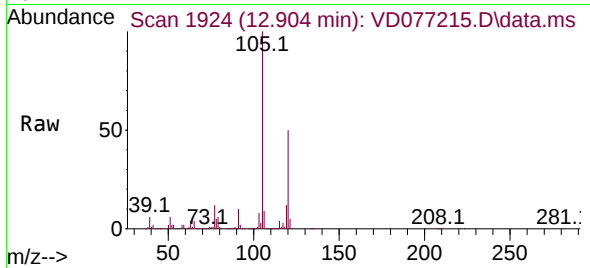
ClientSampleId :

Tgt Ion:105 Resp: 2429310

Ion Ratio Lower Upper

105 100

120 50.0 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 150.241 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD077215.D

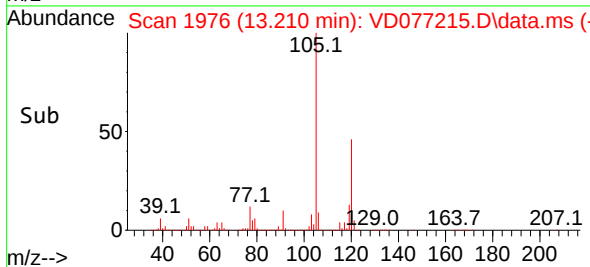
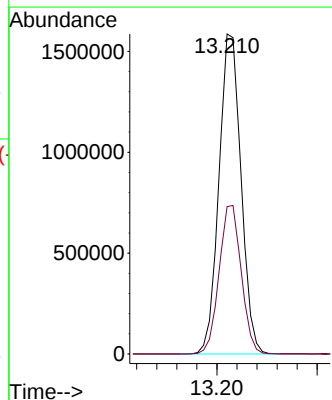
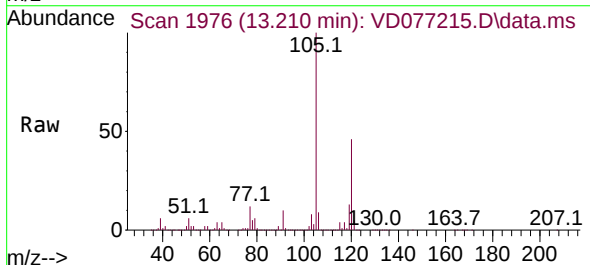
Acq: 25 Sep 2023 13:46

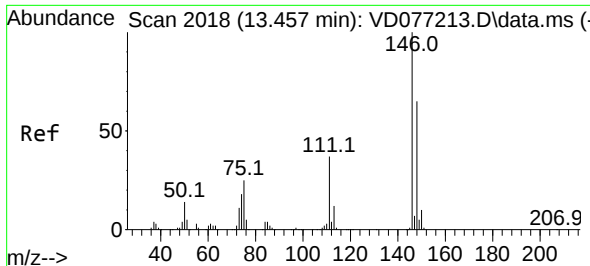
Tgt Ion:105 Resp: 2421609

Ion Ratio Lower Upper

105 100

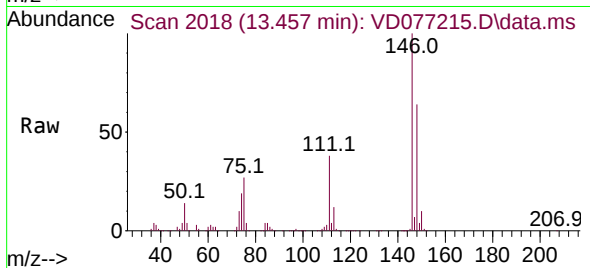
120 46.5 37.6 56.4



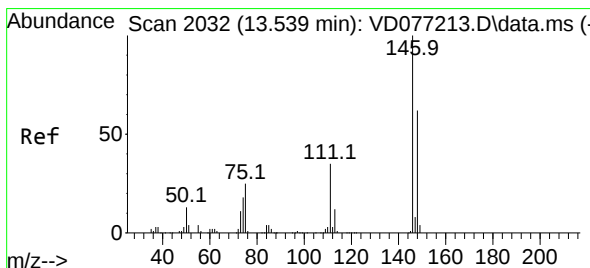
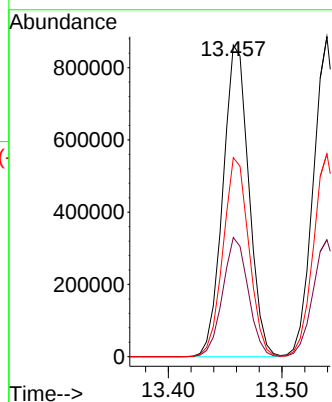
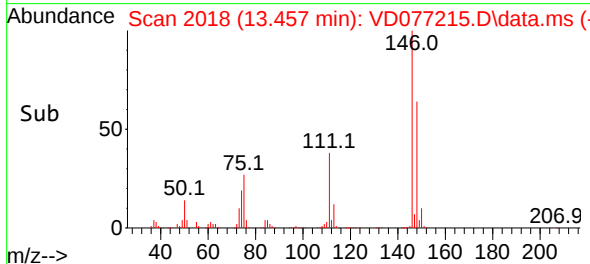


#64
1,3-Dichlorobenzene
Concen: 134.574 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

Instrument :
MSVOA_D
ClientSampleId :

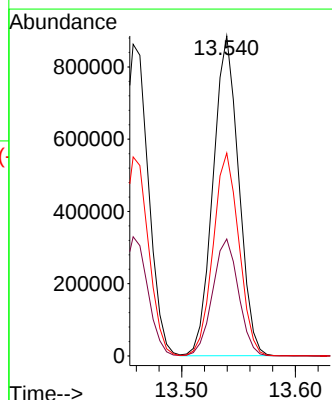
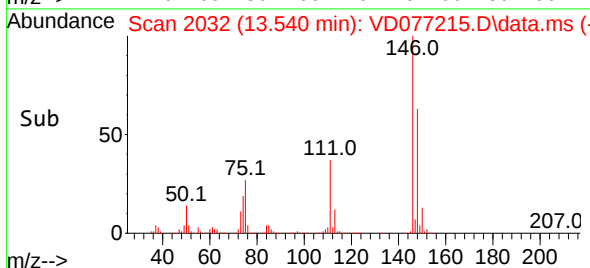
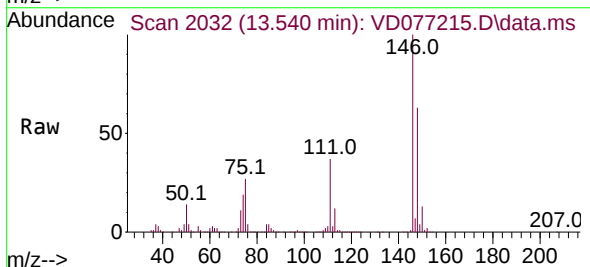


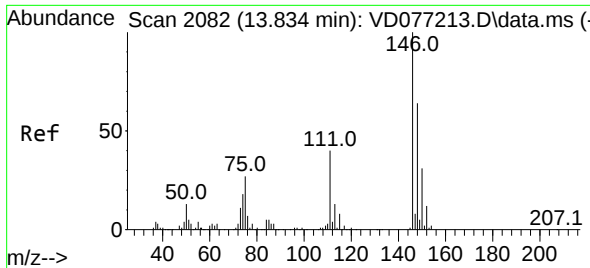
Tgt Ion:146 Resp: 1368696
Ion Ratio Lower Upper
146 100
111 38.2 26.1 48.5
148 63.9 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 130.065 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077215.D
Acq: 25 Sep 2023 13:46

Tgt Ion:146 Resp: 1389131
Ion Ratio Lower Upper
146 100
111 36.5 24.6 45.8
148 63.4 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 135.599 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Instrument :

MSVOA_D

ClientSampleId :

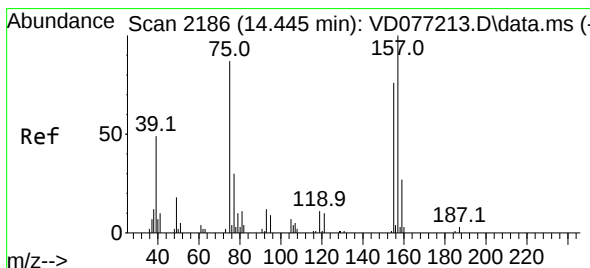
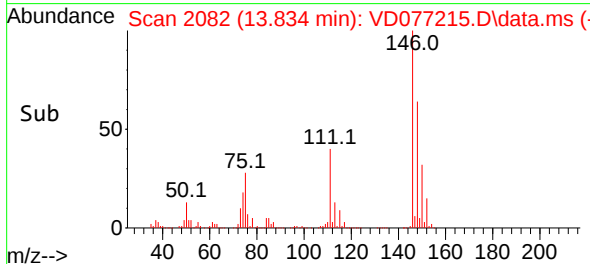
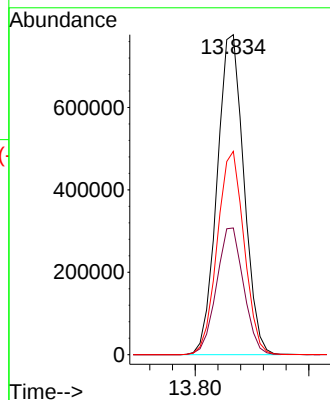
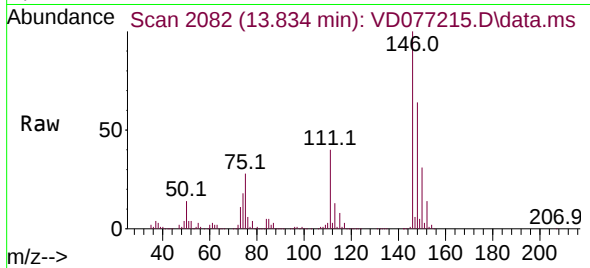
Tgt Ion:146 Resp: 1272673

Ion Ratio Lower Upper

146 100

111 39.6 32.3 48.5

148 63.5 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 132.771 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

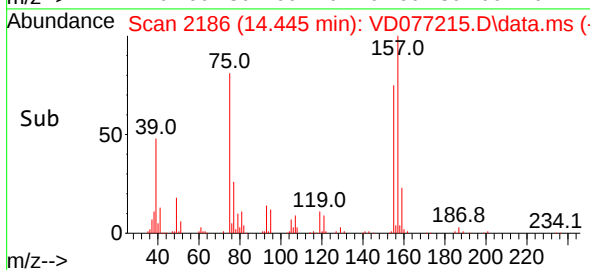
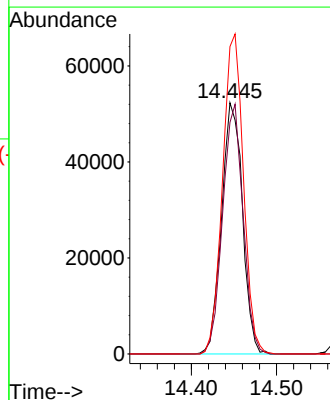
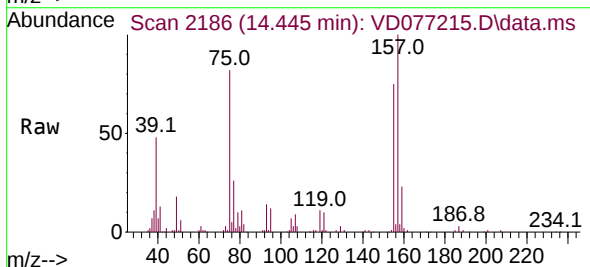
Tgt Ion: 75 Resp: 89141

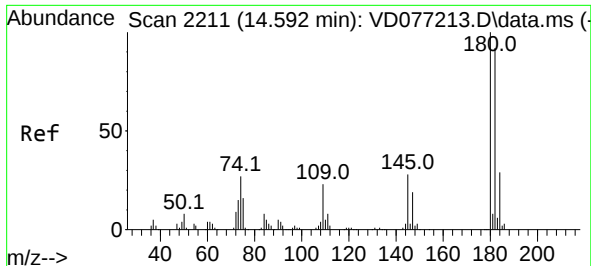
Ion Ratio Lower Upper

75 100

155 92.2 69.8 104.6

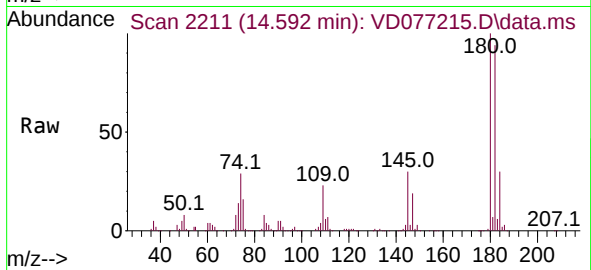
157 122.4 91.5 137.3



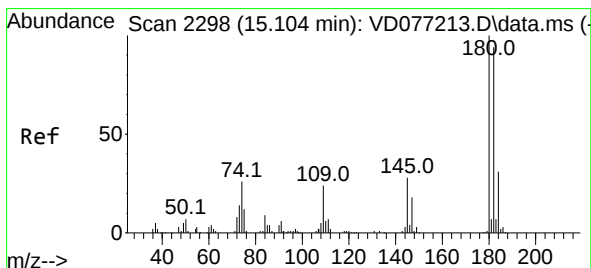
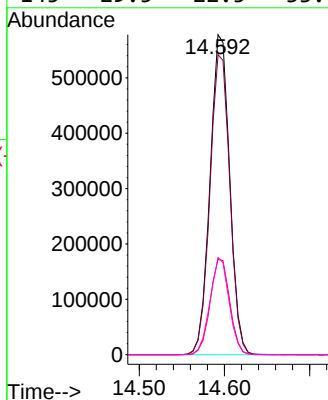
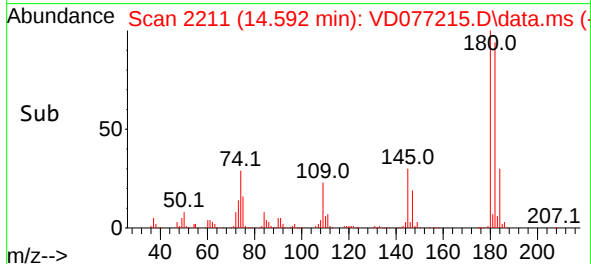


#69
 1,3,5-Trichlorobenzene
 Concen: 137.998 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077215.D
 Acq: 25 Sep 2023 13:46

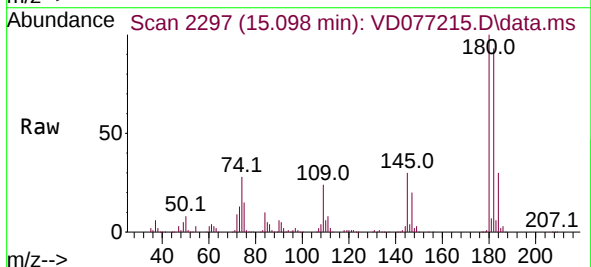
Instrument :
 MSVOA_D
 ClientSampleId :



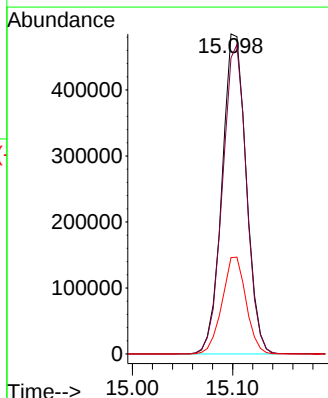
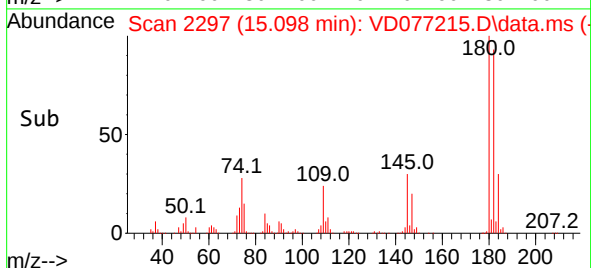
Tgt Ion:180 Resp: 928419
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.2 112.8
 184 29.8 25.0 37.4
 145 29.5 22.5 33.7

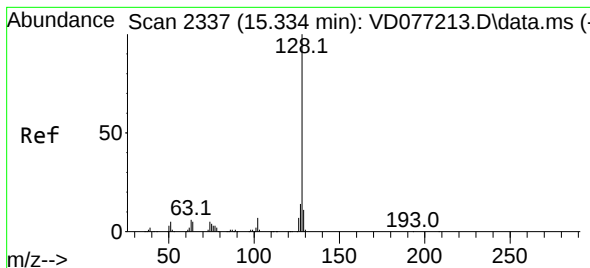


#70
 1,2,4-trichlorobenzene
 Concen: 141.370 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD077215.D
 Acq: 25 Sep 2023 13:46



Tgt Ion:180 Resp: 810866
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.8 115.2
 145 30.1 23.0 34.6





#71

Naphthalene

Concen: 152.011 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Instrument :

MSVOA_D

ClientSampleId :

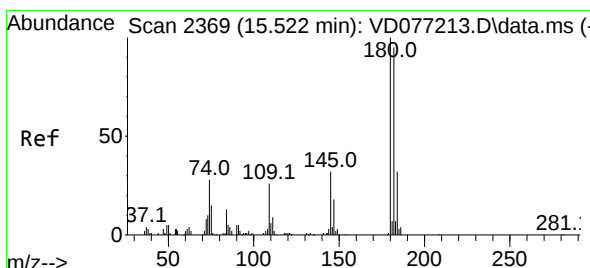
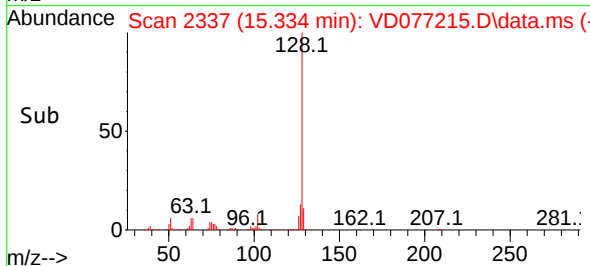
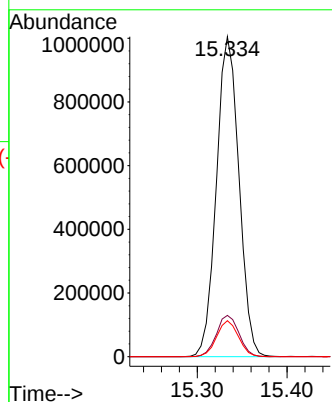
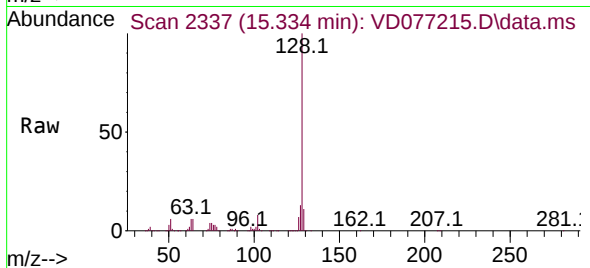
Tgt Ion:128 Resp: 1753071

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 139.970 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077215.D

Acq: 25 Sep 2023 13:46

Tgt Ion:180 Resp: 743829

Ion Ratio Lower Upper

180 100

182 94.5 77.4 116.2

145 31.2 25.5 38.3

