

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083023\
 Data File : VD077072.D
 Acq On : 30 Aug 2023 09:18
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 31 02:04:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	280323	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	295019	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	166470	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	130082	16.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.480%
7) Chloroethane-d5	2.793	69	143618	20.152	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	3.917	65	33086	18.113	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.440%
21) 2-Butanone-d5	6.981	46	77705	62.782	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.560%
24) Chloroform-d	7.569	84	238857	26.167	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.680%
26) 1,2-Dichloroethane-d4	8.228	65	126852	27.877	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.520%
32) Benzene-d6	8.199	84	428934	23.125	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.480%
36) 1,2-Dichloropropane-d6	9.210	67	138366	24.262	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.040%
41) Toluene-d8	10.269	98	400703	23.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.240%
43) trans-1,3-Dichloroprop...	10.522	79	62763	24.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.360%
47) 2-Hexanone-d5	10.881	63	69014	63.352	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.700%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	163003	29.579	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	157190	25.828	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	93033	20.023	ug/L	99
3) Chloromethane	2.146	50	162109	26.893	ug/L	99
5) Vinyl chloride	2.281	62	192611	22.344	ug/L	95
6) Bromomethane	2.687	94	134458	20.896	ug/L	97
8) Chloroethane	2.828	64	130348	22.462	ug/L	98
9) Trichlorofluoromethane	3.169	101	189259	26.517	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	100878	21.691	ug/L	97
12) 1,1-Dichloroethene	3.934	96	92527	22.437	ug/L	75
13) Acetone	4.016	43	85829	67.815	ug/L	96
14) Carbon disulfide	4.264	76	318999	22.287	ug/L	97
15) Methyl Acetate	4.564	43	51699	24.167	ug/L #	86
16) Methylene chloride	4.799	84	129962	22.102	ug/L #	76
17) trans-1,2-Dichloroethene	5.305	96	106671	22.845	ug/L	90
18) Methyl tert-butyl Ether	5.316	73	250070	24.242	ug/L #	91
19) 1,1-Dichloroethane	6.105	63	180618	23.167	ug/L	94
20) cis-1,2-Dichloroethene	7.075	96	125932	24.160	ug/L	88
22) 2-Butanone	7.075	43	93333	52.708	ug/L	86
23) Bromochloromethane	7.422	128	63120	24.967	ug/L	75
25) Chloroform	7.593	83	206759	24.214	ug/L	99

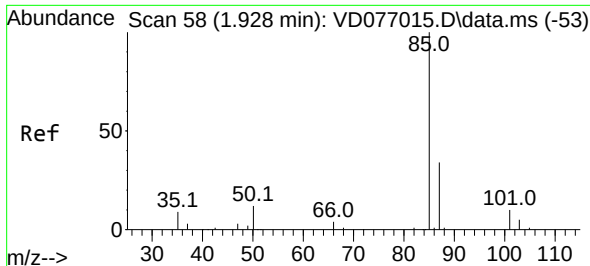
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 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	133948	25.030	ug/L	97
29) Cyclohexane	7.875	56	129324	19.913	ug/L #	79
30) 1,1,1-Trichloroethane	7.787	97	167606	22.928	ug/L	97
31) Carbon tetrachloride	7.987	117	144139	24.093	ug/L	99
33) Benzene	8.246	78	454956	23.527	ug/L	100
34) Trichloroethene	9.028	95	112488	22.337	ug/L	93
35) Methylcyclohexane	9.275	83	176827	21.531	ug/L	90
37) 1,2-Dichloropropane	9.304	63	115871	23.588	ug/L #	97
38) Bromodichloromethane	9.587	83	162745	24.058	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	188911	23.828	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	156346	50.514	ug/L #	90
42) Toluene	10.334	91	496808	23.626	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	169288	24.432	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	105988	24.277	ug/L	96
46) Tetrachloroethene	10.810	164	93630	24.669	ug/L	94
48) 2-Hexanone	10.922	43	134858	56.658	ug/L #	90
49) Dibromochloromethane	11.075	129	122533	25.228	ug/L	96
50) 1,2-Dibromoethane	11.181	107	105870	24.864	ug/L	94
51) Chlorobenzene	11.610	112	332355	24.259	ug/L	94
52) Ethylbenzene	11.681	91	531326	23.712	ug/L	99
53) m,p-Xylene	11.793	106	209577	24.240	ug/L	89
54) o-Xylene	12.122	106	200202	24.076	ug/L	93
55) Styrene	12.134	104	380805	25.328	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.675	83	134727	24.950	ug/L	93
59) Bromoform	12.298	173	84083	25.469	ug/L #	97
60) Isopropylbenzene	12.422	105	523774	21.877	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	88383	22.748	ug/L	94
62) 1,3,5-Trimethylbenzene	12.904	105	411541	22.564	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	411059	22.647	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	247566	22.657	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	264538	23.422	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	239264	23.359	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	20004	22.471	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	163878	23.967	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	142493	23.691	ug/L	99
71) Naphthalene	15.334	128	329513	23.299	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	135732	24.884	ug/L	98

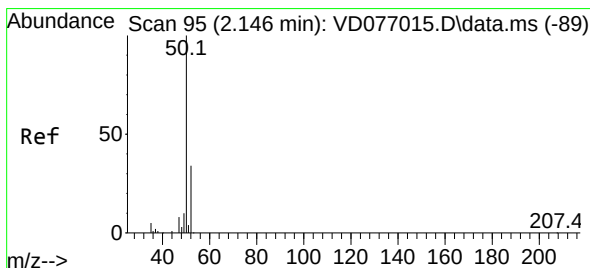
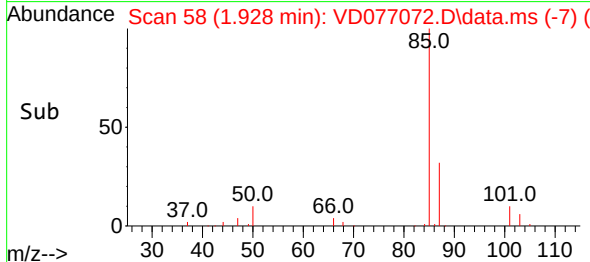
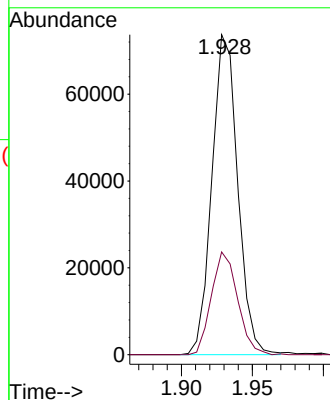
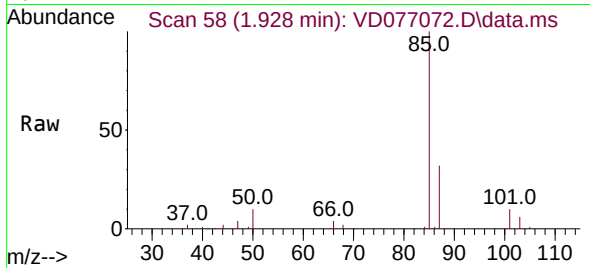
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#2
 Dichlorodifluoromethane
 Concen: 20.023 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VD077072.D
 Acq: 30 Aug 2023 09:18

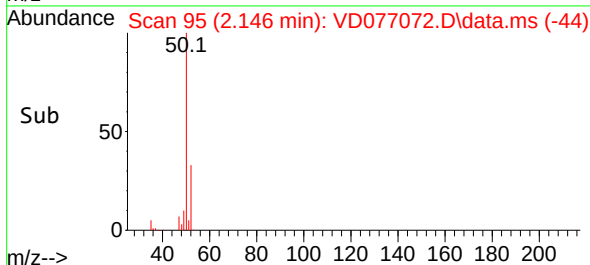
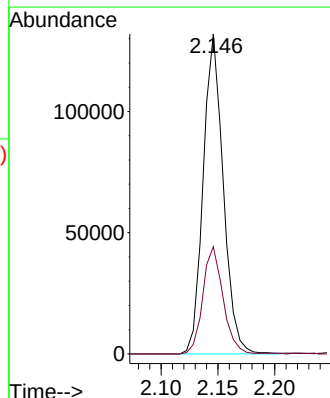
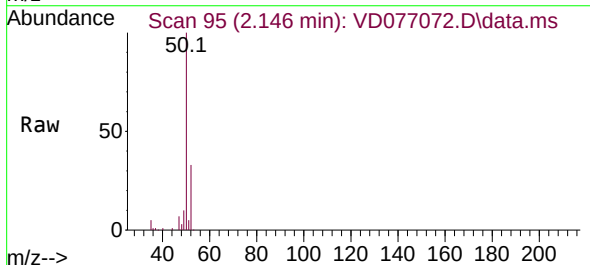
Instrument :
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 ClientSampleId :

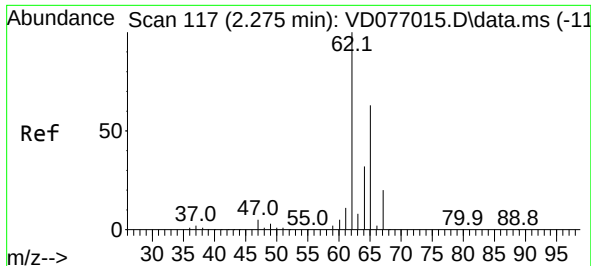
Tgt Ion: 85 Resp: 93033
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.3 39.5



#3
 Chloromethane
 Concen: 26.893 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD077072.D
 Acq: 30 Aug 2023 09:18

Tgt Ion: 50 Resp: 162109
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.2 43.2

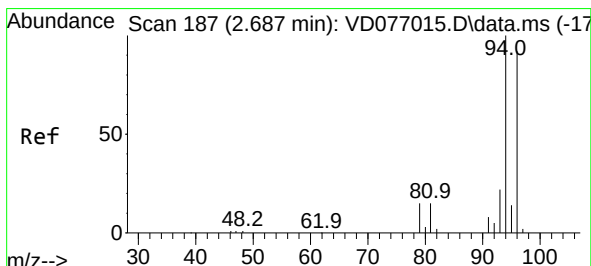
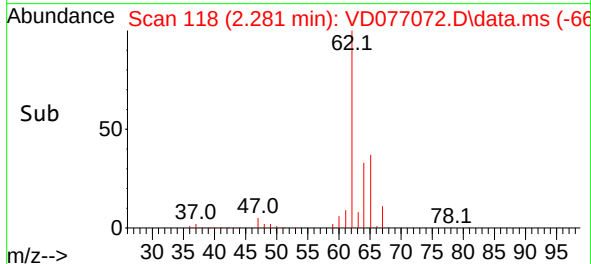
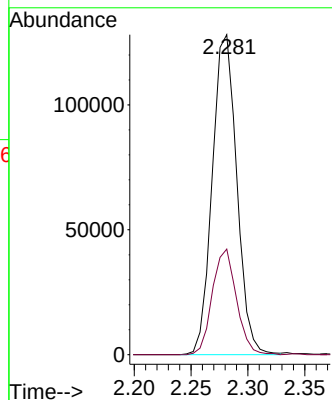
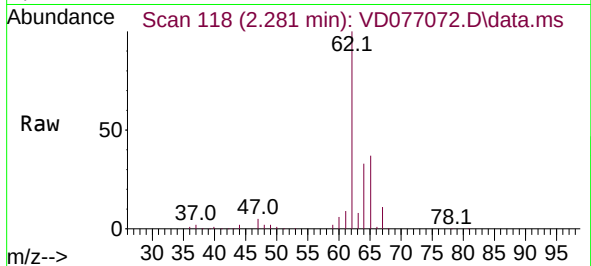




#5
 Vinyl chloride
 Concen: 22.344 ug/L
 RT: 2.281 min Scan# 117
 Delta R.T. 0.006 min
 Lab File: VD077072.D
 Acq: 30 Aug 2023 09:18

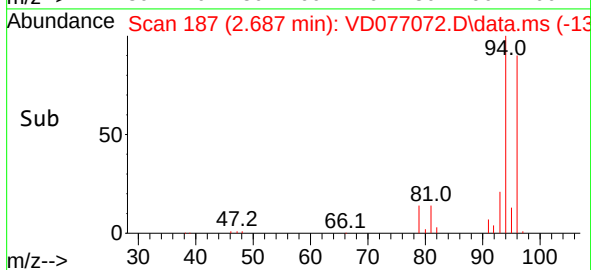
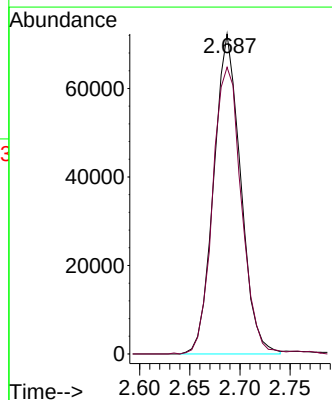
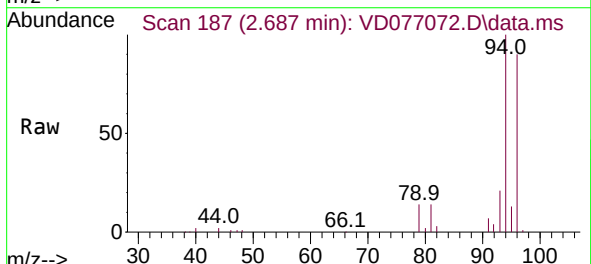
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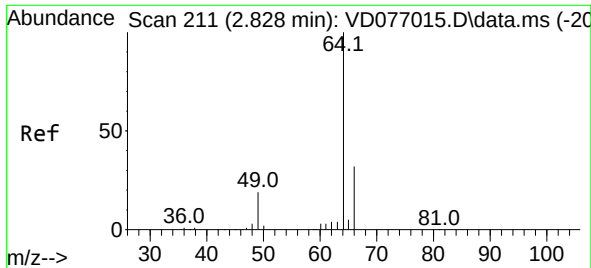
Tgt Ion: 62 Resp: 192611
 Ion Ratio Lower Upper
 62 100
 64 33.0 21.1 39.1



#6
 Bromomethane
 Concen: 20.896 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD077072.D
 Acq: 30 Aug 2023 09:18

Tgt Ion: 94 Resp: 134458
 Ion Ratio Lower Upper
 94 100
 96 89.6 64.7 120.1

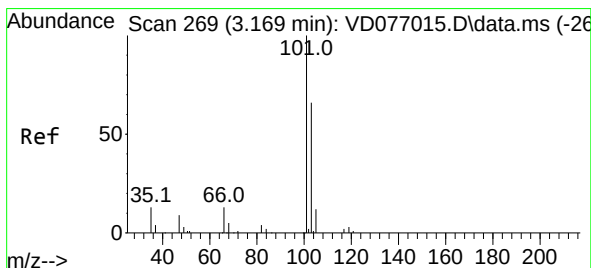
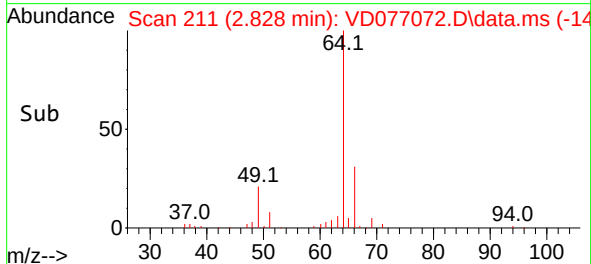
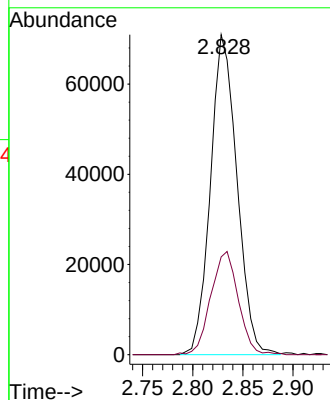
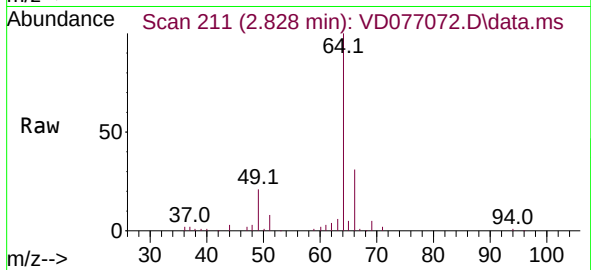




#8
Chloroethane
Concen: 22.462 ug/L
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

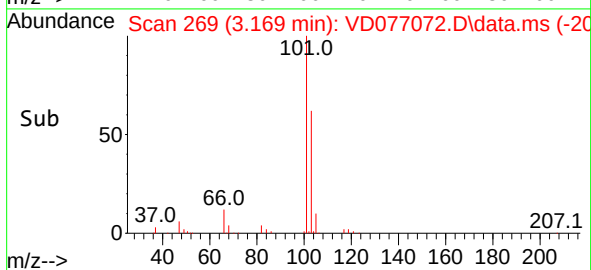
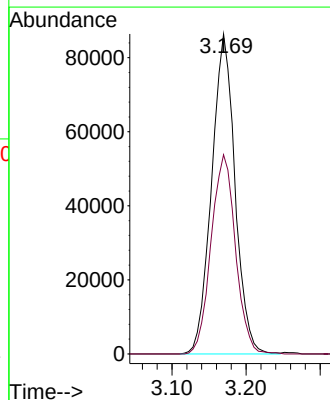
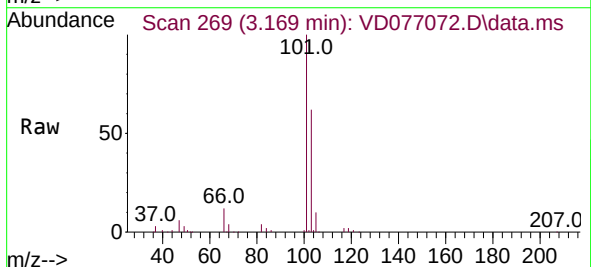
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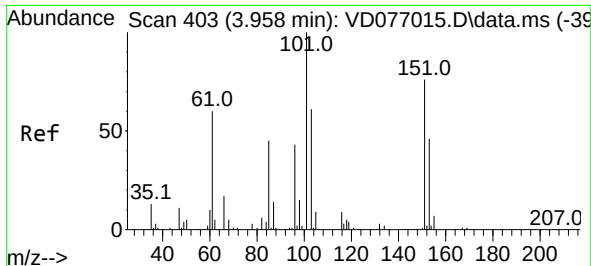
Tgt Ion: 64 Resp: 130348
Ion Ratio Lower Upper
64 100
66 30.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 26.517 ug/L
RT: 3.169 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Tgt Ion:101 Resp: 189259
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

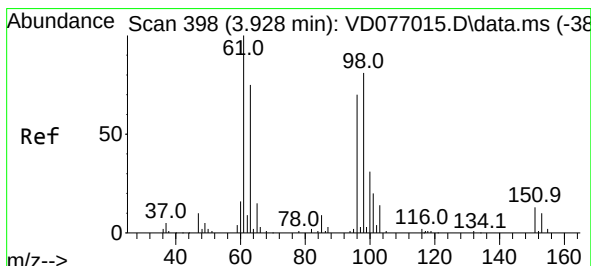
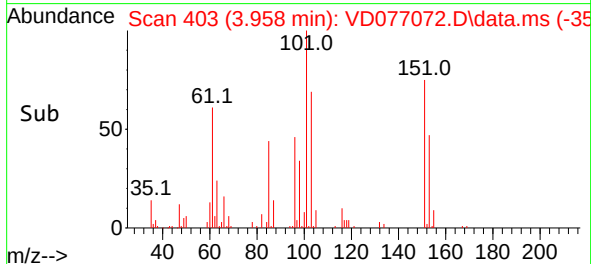
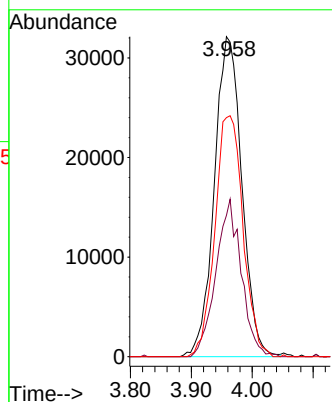
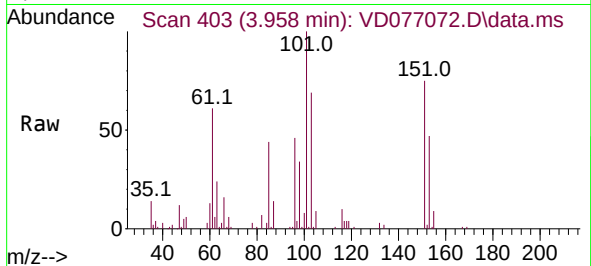




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.691 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VD077072.D
 Acq: 30 Aug 2023 09:18

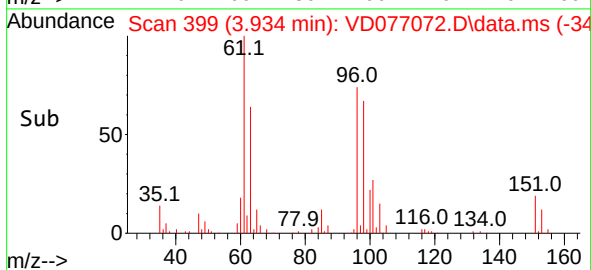
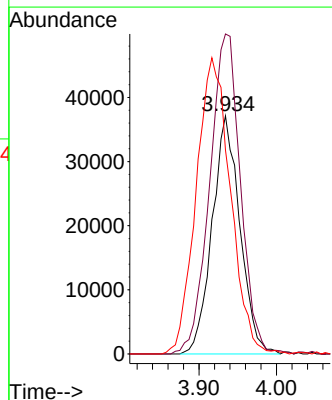
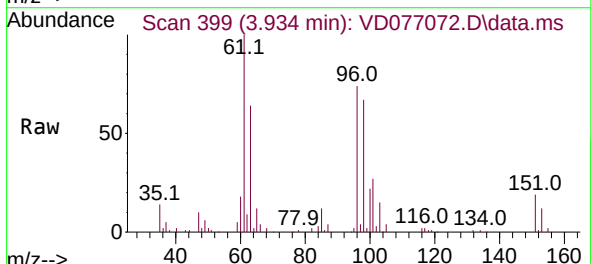
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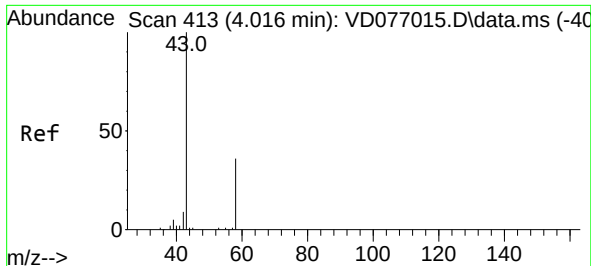
Tgt Ion:101 Resp: 100878
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.5 53.3
 151 76.9 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 22.437 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. 0.006 min
 Lab File: VD077072.D
 Acq: 30 Aug 2023 09:18

Tgt Ion: 96 Resp: 92527
 Ion Ratio Lower Upper
 96 100
 61 134.4 113.0 209.8
 63 85.6 83.6 155.2





#13

Acetone

Concen: 67.815 ug/L

RT: 4.016 min Scan# 413

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

Instrument :

MSVOA_D

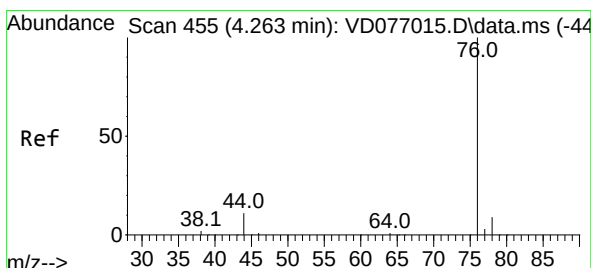
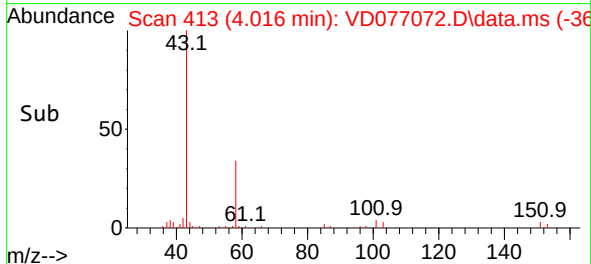
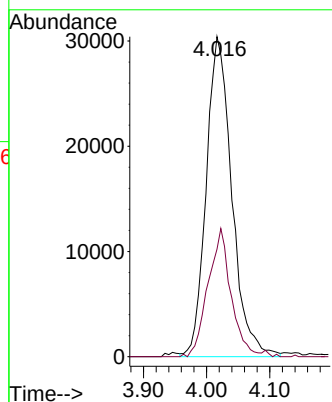
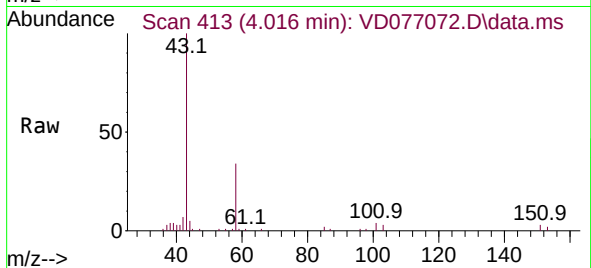
ClientSampleId :

Tgt Ion: 43 Resp: 85829

Ion Ratio Lower Upper

43 100

58 35.7 0.0 67.4



#14

Carbon disulfide

Concen: 22.287 ug/L

RT: 4.264 min Scan# 455

Delta R.T. 0.000 min

Lab File: VD077072.D

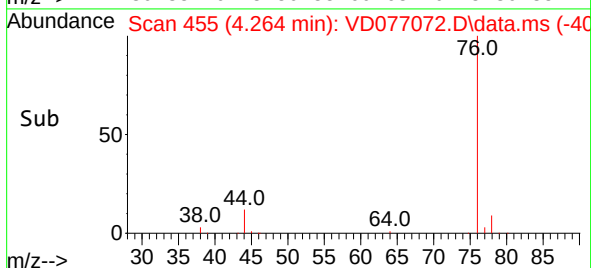
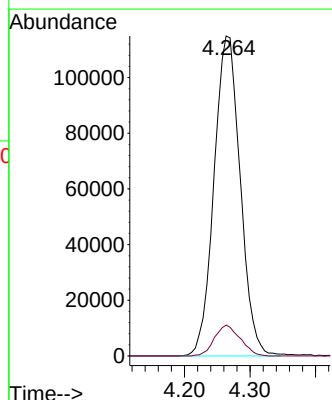
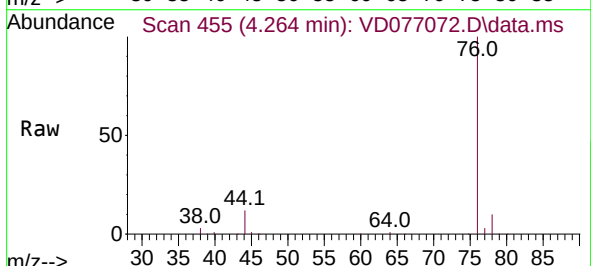
Acq: 30 Aug 2023 09:18

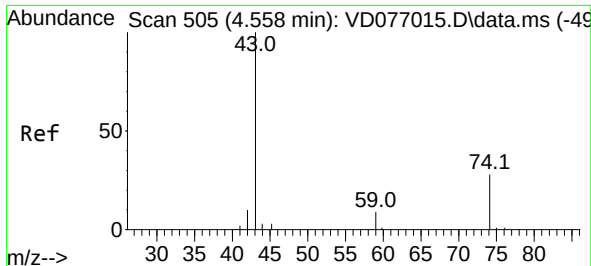
Tgt Ion: 76 Resp: 318999

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4

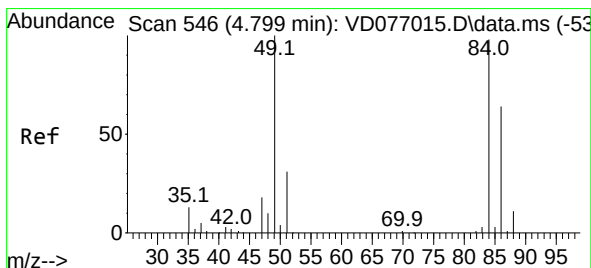
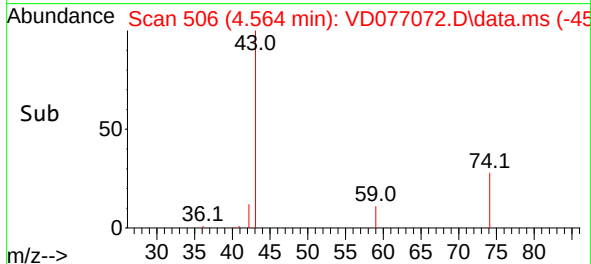
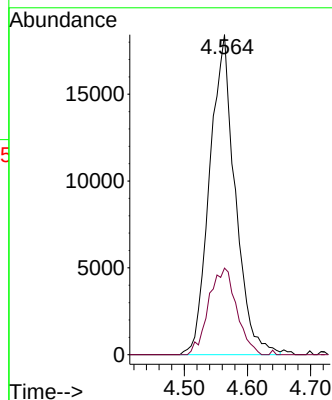
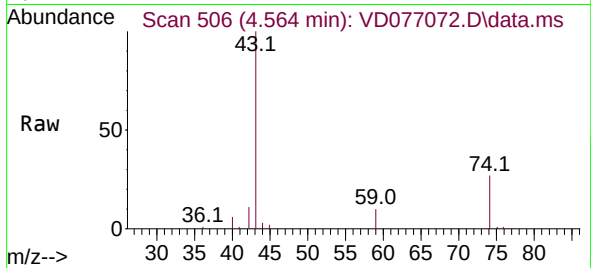




#15
Methyl Acetate
Concen: 24.167 ug/L
RT: 4.564 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

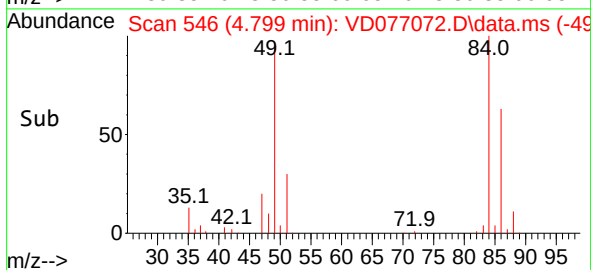
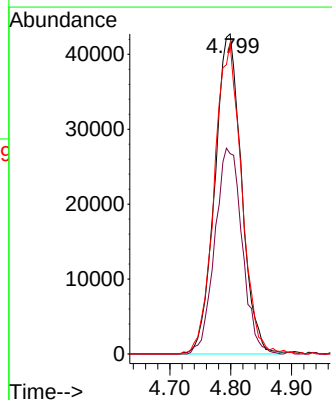
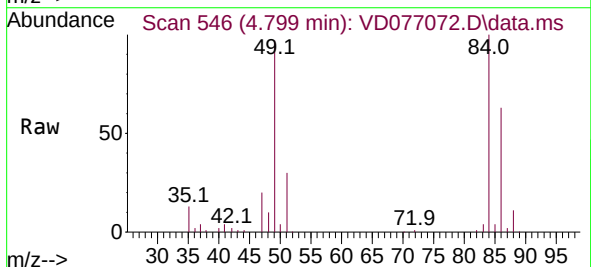
Instrument :
MSVOA_D
ClientSampleId :

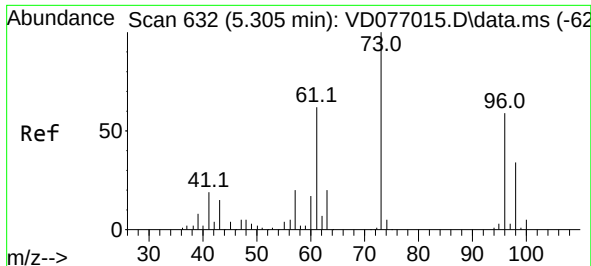
Tgt Ion: 43 Resp: 51699
Ion Ratio Lower Upper
43 100
74 29.5 18.2 27.2#



#16
Methylene chloride
Concen: 22.102 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Tgt Ion: 84 Resp: 129962
Ion Ratio Lower Upper
84 100
86 62.6 45.1 83.9
49 97.1 97.2 180.6#





#17

trans-1,2-Dichloroethene

Concen: 22.845 ug/L

RT: 5.305 min Scan# 61

Delta R.T. 0.000 min

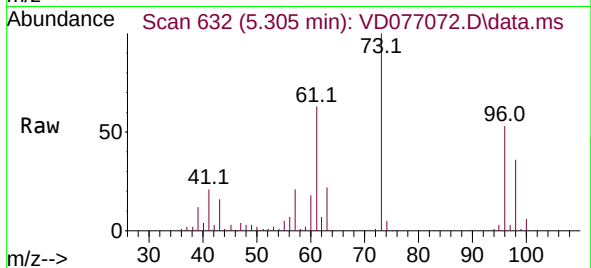
Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

Instrument :

MSVOA_D

ClientSampleId :



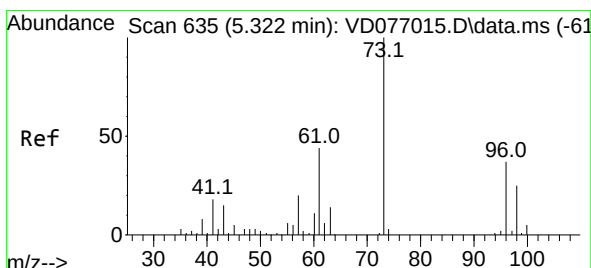
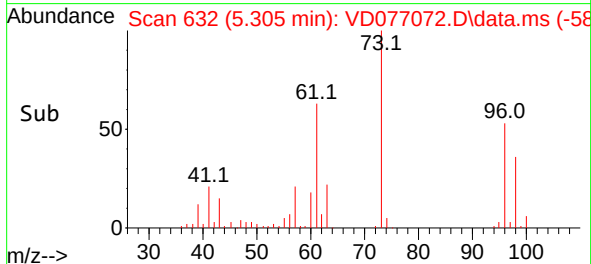
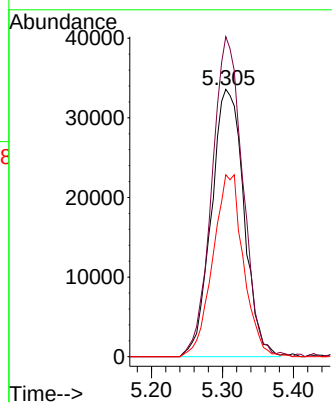
Tgt Ion: 96 Resp: 106671

Ion Ratio Lower Upper

96 100

61 119.7 94.5 175.5

98 68.0 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 24.242 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

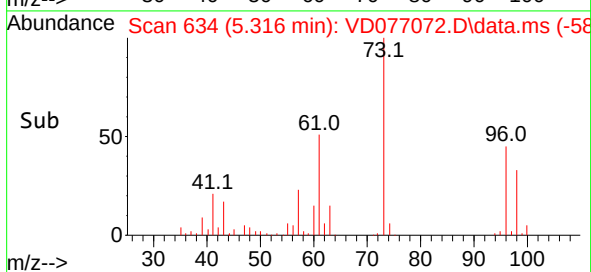
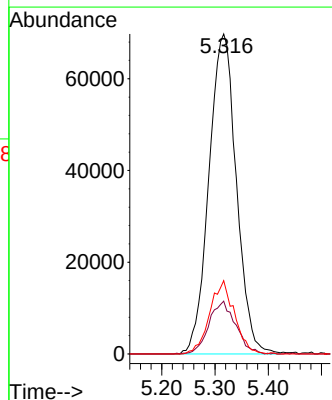
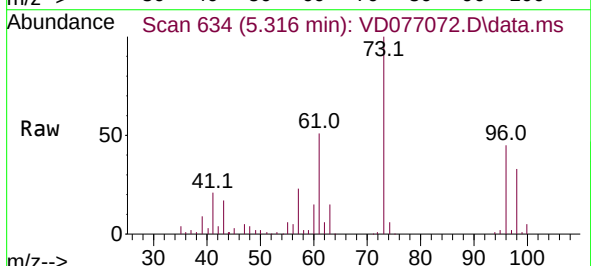
Tgt Ion: 73 Resp: 250070

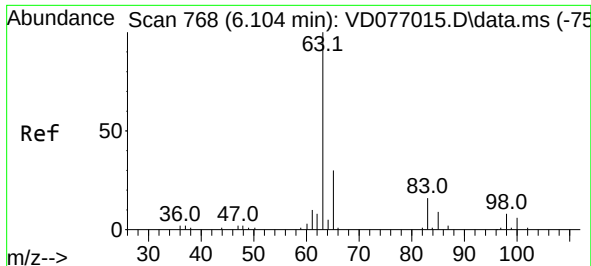
Ion Ratio Lower Upper

73 100

43 16.0 7.2 10.8#

57 20.6 18.6 28.0





#19

1,1-Dichloroethane

Concen: 23.167 ug/L

RT: 6.105 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

Instrument :

MSVOA_D

ClientSampleId :

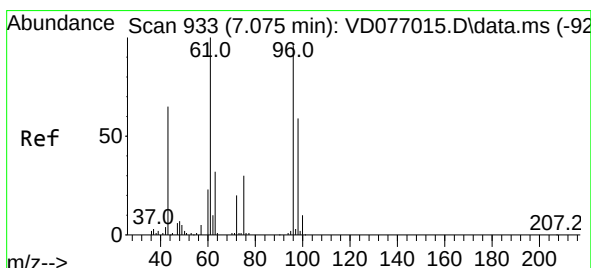
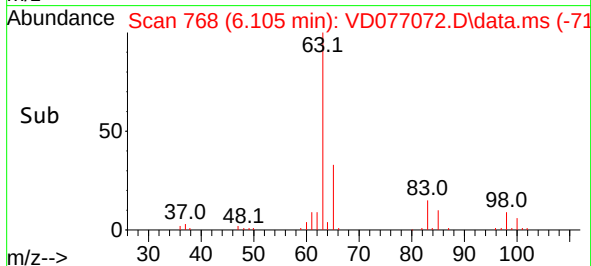
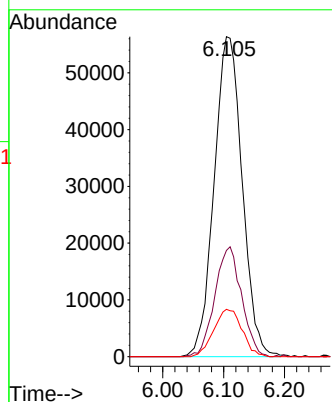
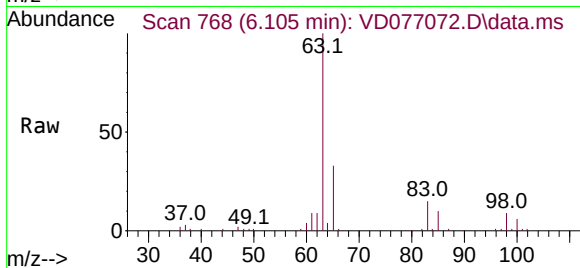
Tgt Ion: 63 Resp: 180618

Ion Ratio Lower Upper

63 100

65 33.2 20.8 38.6

83 14.8 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 24.160 ug/L

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

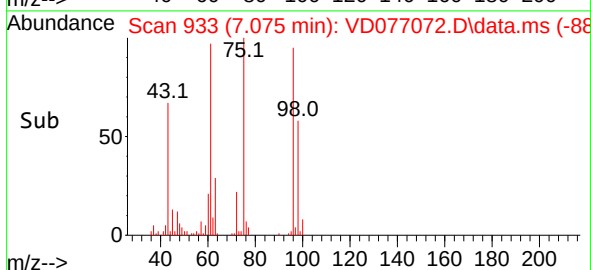
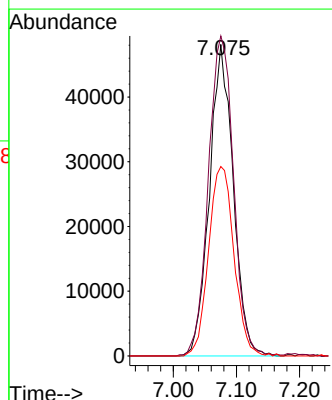
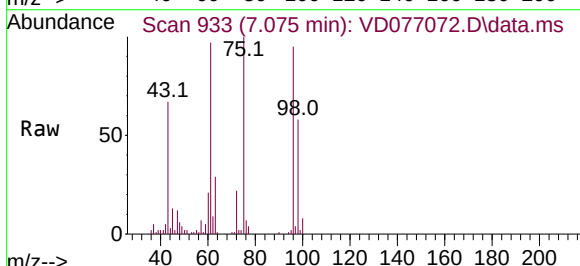
Tgt Ion: 96 Resp: 125932

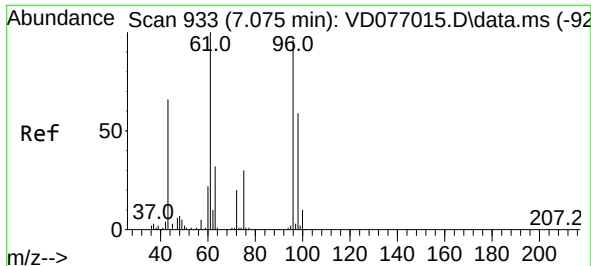
Ion Ratio Lower Upper

96 100

61 102.7 86.0 159.6

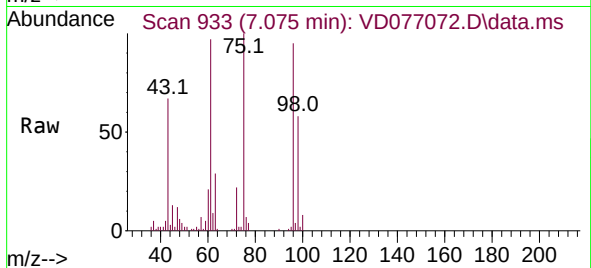
98 60.8 42.2 78.4



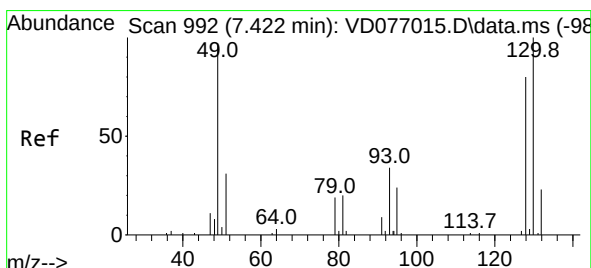
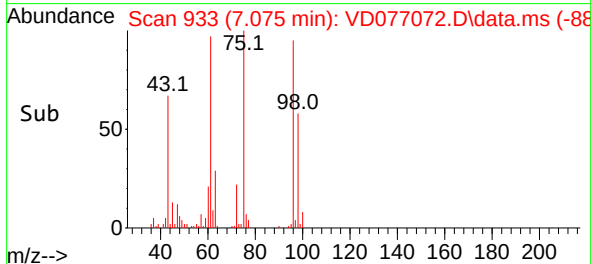
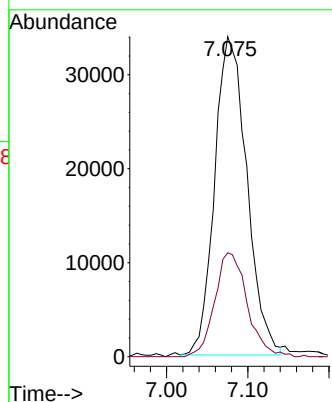


#22
2-Butanone
Concen: 52.708 ug/L
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Instrument :
MSVOA_D
ClientSampleId :

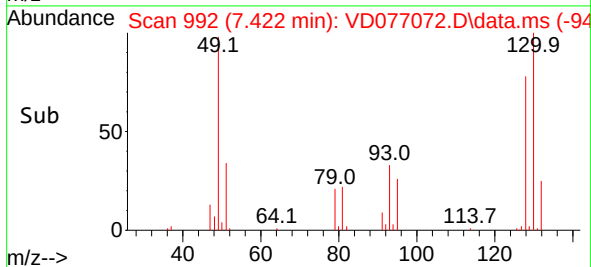
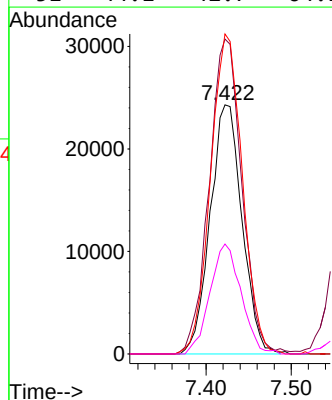
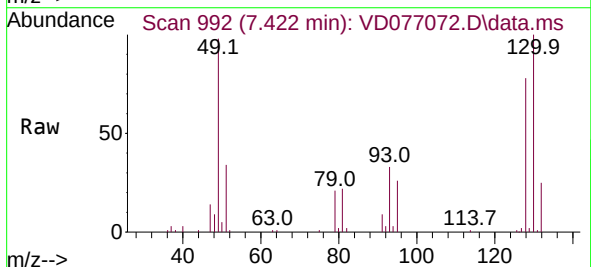


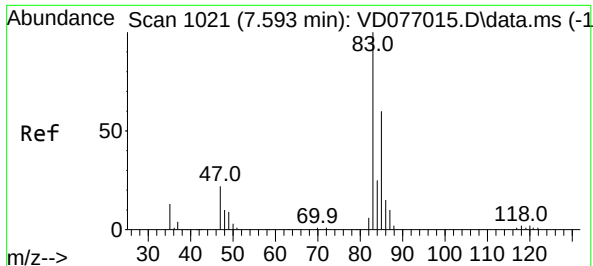
Tgt Ion: 43 Resp: 93333
Ion Ratio Lower Upper
43 100
72 32.9 12.9 38.7



#23
Bromochloromethane
Concen: 24.967 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Tgt Ion:128 Resp: 63120
Ion Ratio Lower Upper
128 100
49 126.4 124.7 231.7
130 128.4 80.0 148.6
51 44.1 42.7 64.1





#25

Chloroform

Concen: 24.214 ug/L

RT: 7.593 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

Instrument :

MSVOA_D

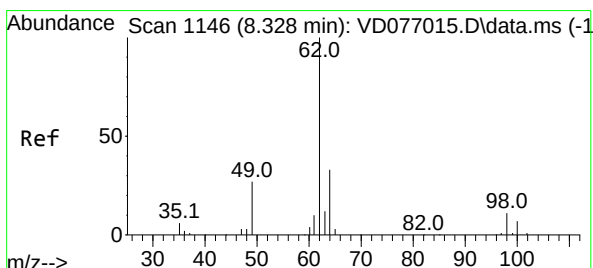
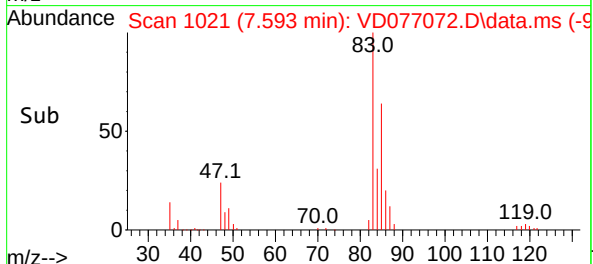
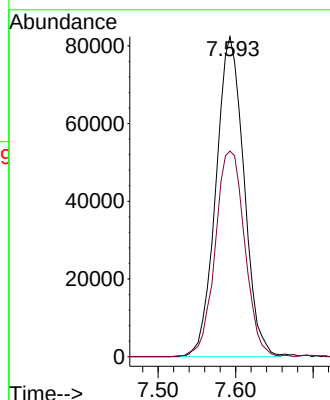
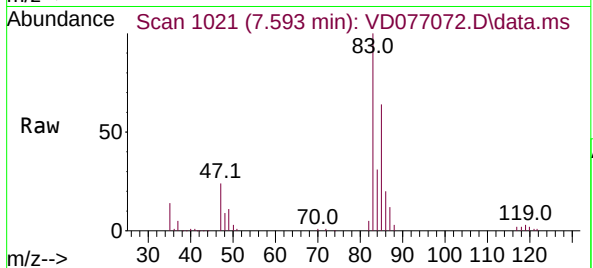
ClientSampleId :

Tgt Ion: 83 Resp: 206759

Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 25.030 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD077072.D

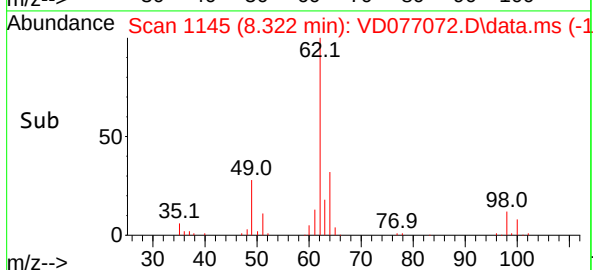
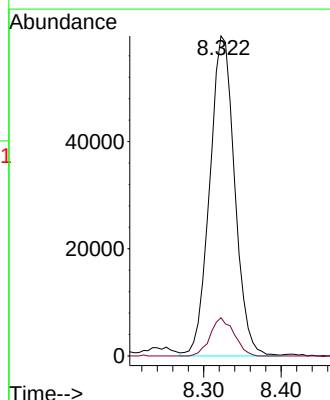
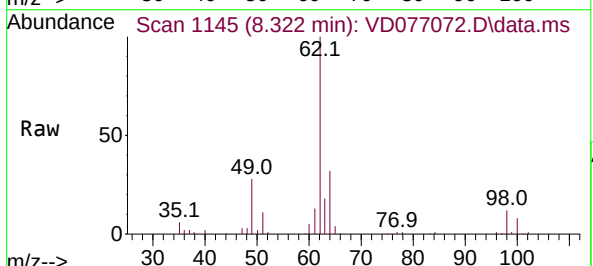
Acq: 30 Aug 2023 09:18

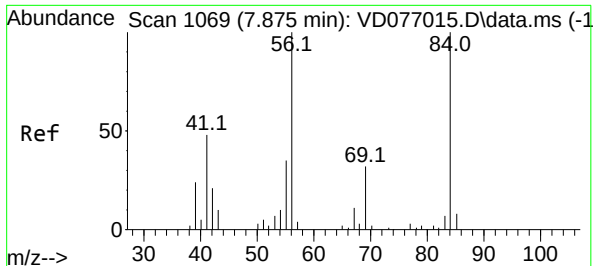
Tgt Ion: 62 Resp: 133948

Ion Ratio Lower Upper

62 100

98 12.0 8.7 13.1





#29

Cyclohexane

Concen: 19.913 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

Instrument :

MSVOA_D

ClientSampleId :

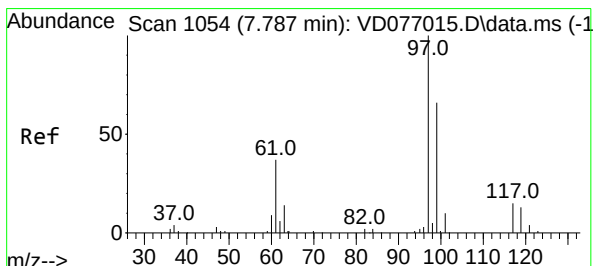
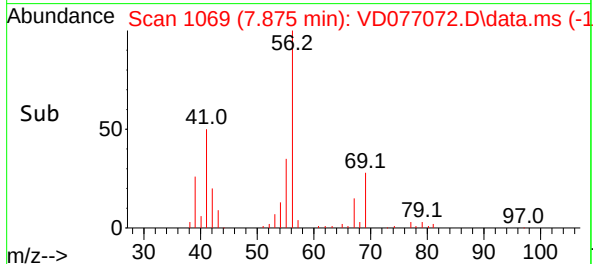
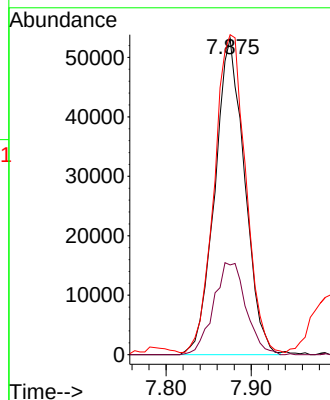
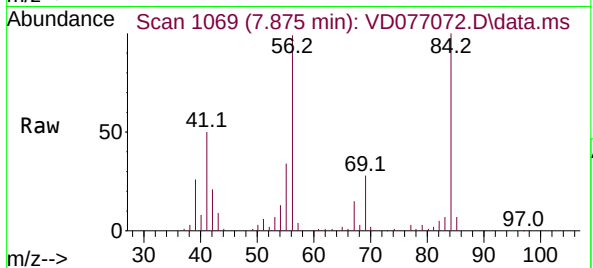
Tgt Ion: 56 Resp: 129324

Ion Ratio Lower Upper

56 100

69 31.5 23.4 35.0

84 106.7 66.3 99.5#



#30

1,1,1-Trichloroethane

Concen: 22.928 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

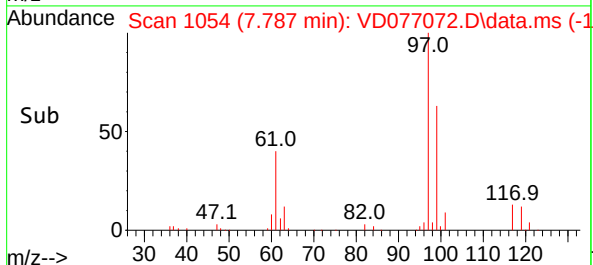
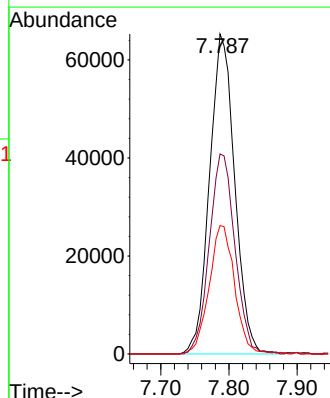
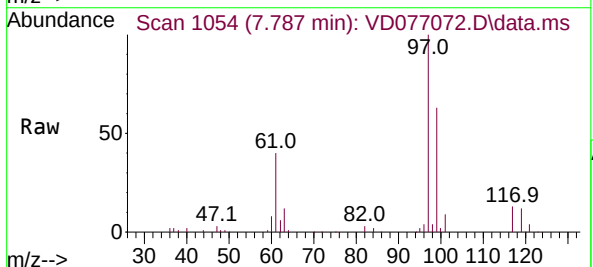
Tgt Ion: 97 Resp: 167606

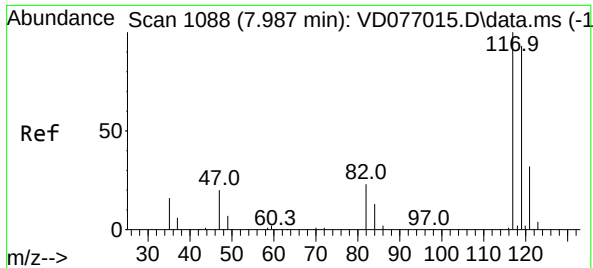
Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.6

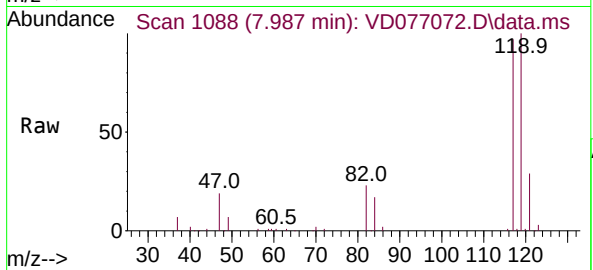
61 40.6 36.4 54.6



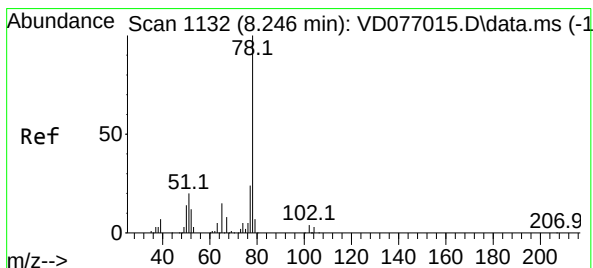
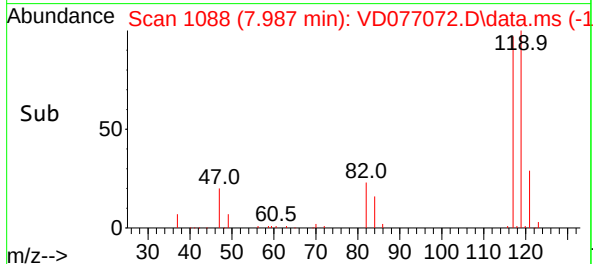
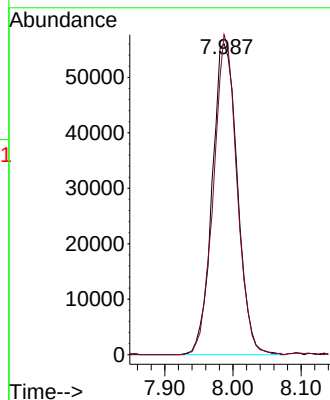


#31
Carbon tetrachloride
Concen: 24.093 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Instrument :
MSVOA_D
ClientSampleId :

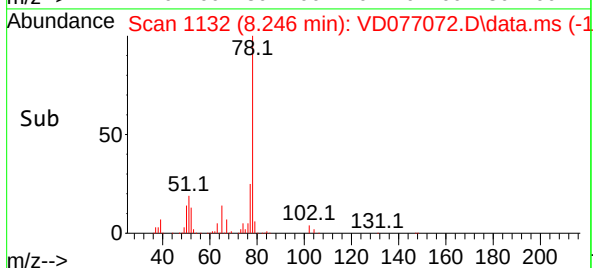
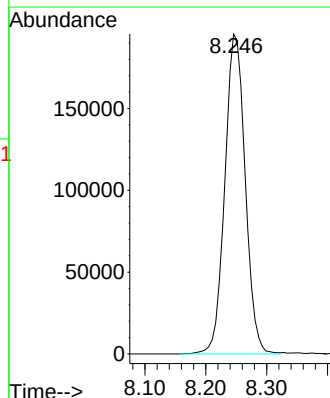
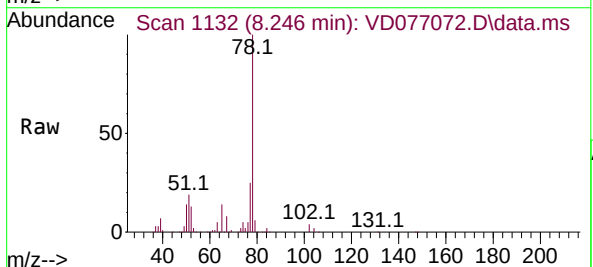


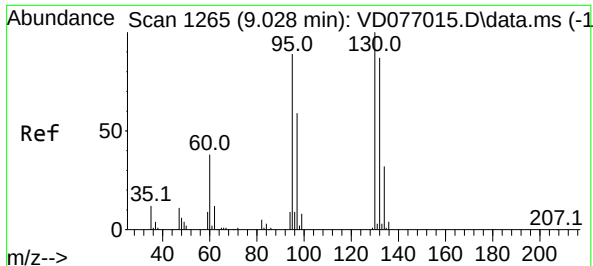
Tgt Ion:117 Resp: 144139
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.6



#33
Benzene
Concen: 23.527 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

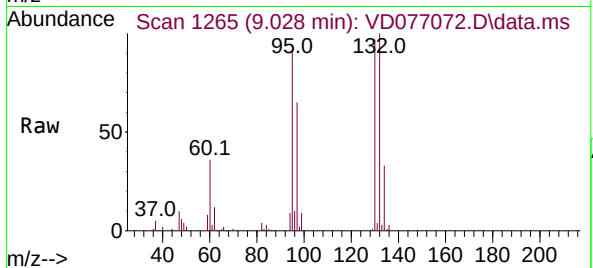
Tgt Ion: 78 Resp: 454956



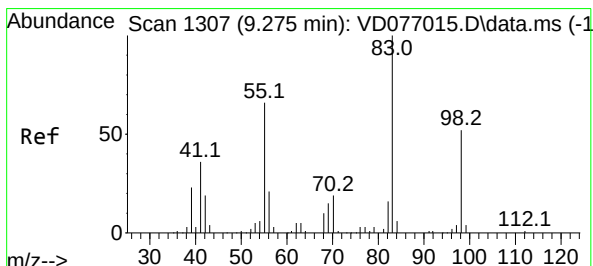
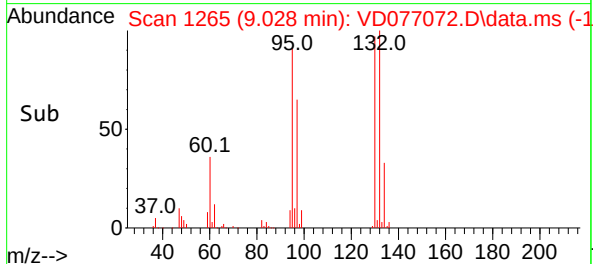
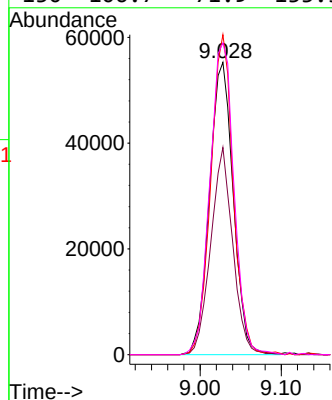


#34
Trichloroethene
Concen: 22.337 ug/L
RT: 9.028 min Scan# 112488
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Instrument :
MSVOA_D
ClientSampleId :

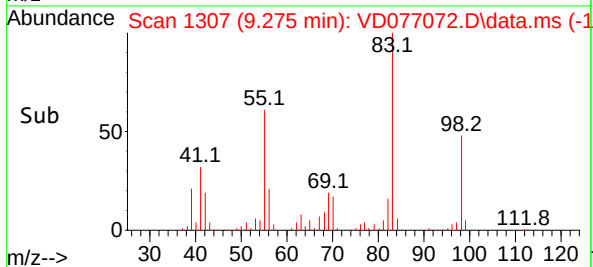
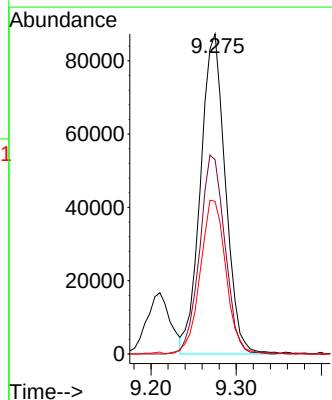
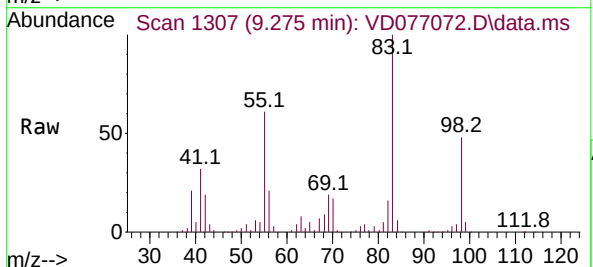


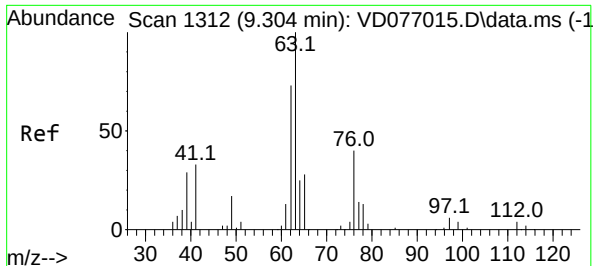
Tgt Ion:	95	Resp:	112488
Ion Ratio	100	Lower	Upper
95	100		
97	70.9	43.1	80.1
132	109.5	71.8	133.4
130	106.7	71.9	133.5



#35
Methylcyclohexane
Concen: 21.531 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Tgt Ion:	83	Resp:	176827
Ion Ratio	100	Lower	Upper
83	100		
55	63.0	59.8	89.6
98	49.6	37.8	56.6





#37

1,2-Dichloropropane

Concen: 23.588 ug/L

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

Instrument :

MSVOA_D

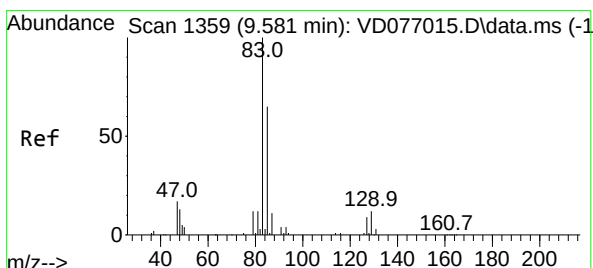
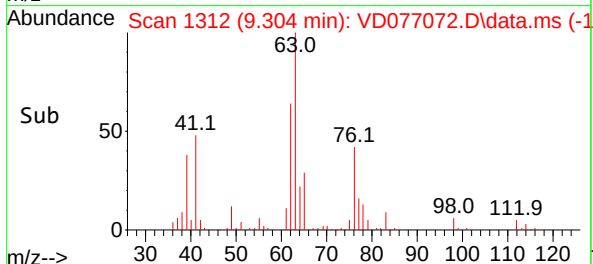
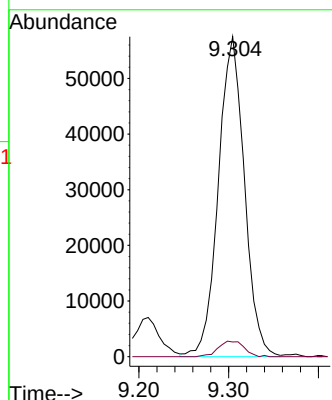
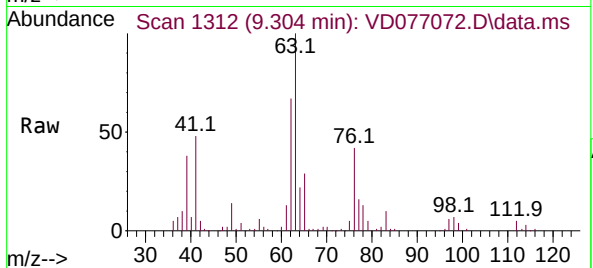
ClientSampleId :

Tgt Ion: 63 Resp: 115871

Ion Ratio Lower Upper

63 100

112 4.8 3.1 4.7#



#38

Bromodichloromethane

Concen: 24.058 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

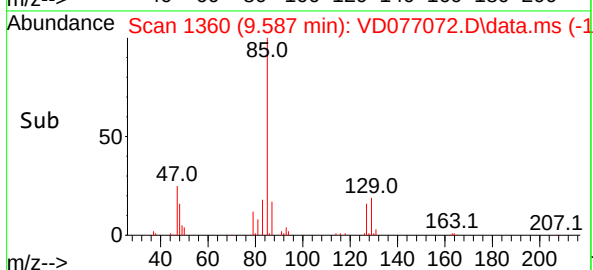
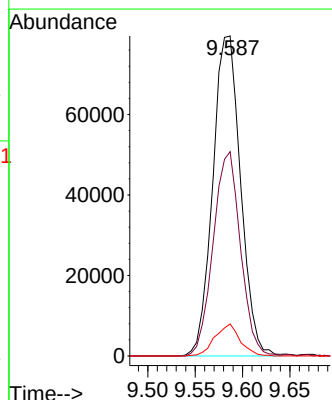
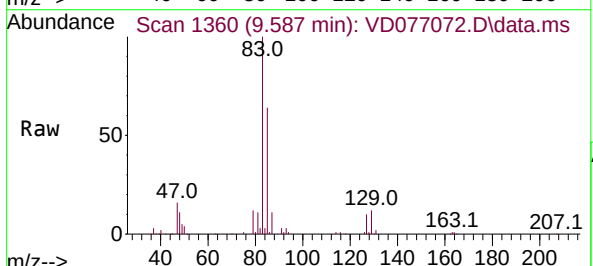
Tgt Ion: 83 Resp: 162745

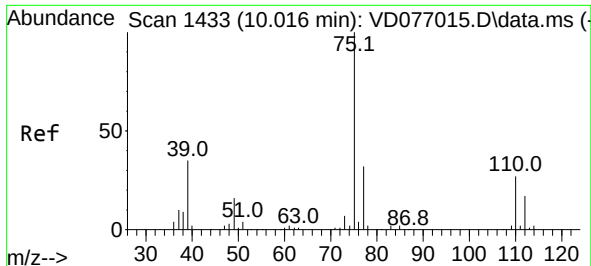
Ion Ratio Lower Upper

83 100

85 63.8 43.9 81.5

127 10.0 6.6 9.8#





#39

cis-1,3-Dichloropropene

Concen: 23.828 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

Instrument :

MSVOA_D

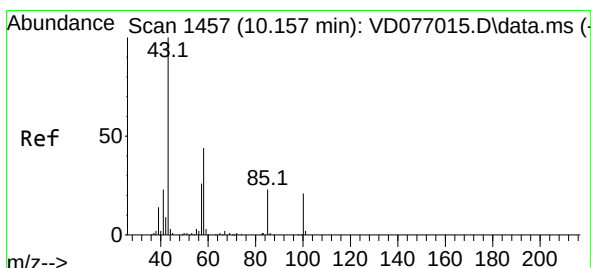
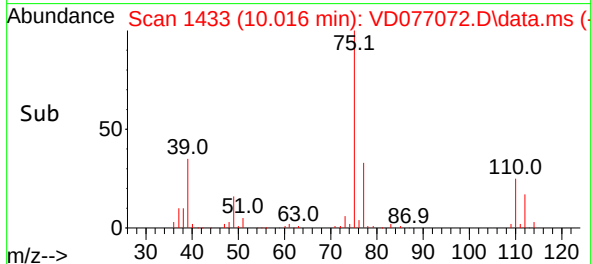
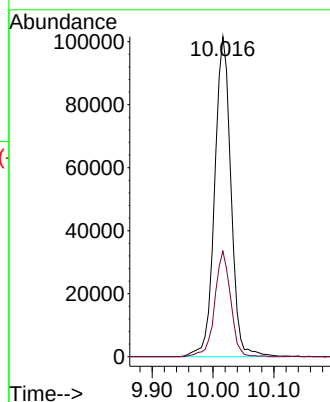
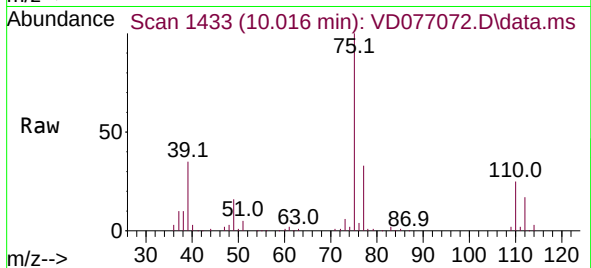
ClientSampleId :

Tgt Ion: 75 Resp: 188911

Ion Ratio Lower Upper

75 100

77 33.0 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 50.514 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

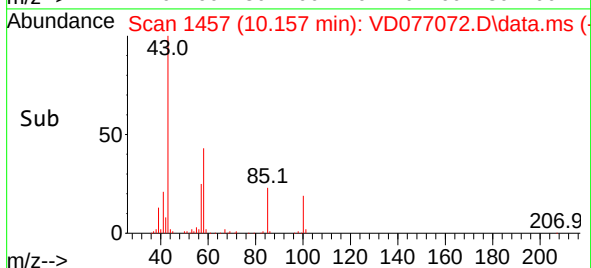
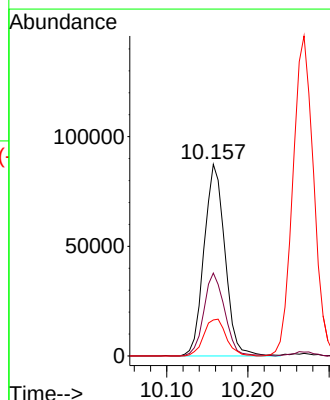
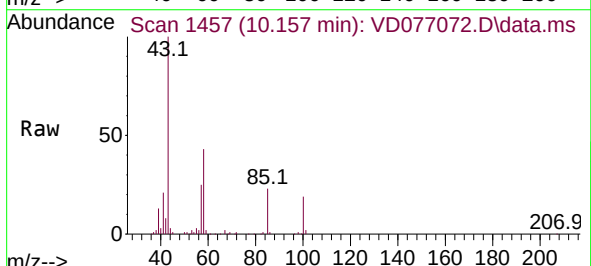
Tgt Ion: 43 Resp: 156346

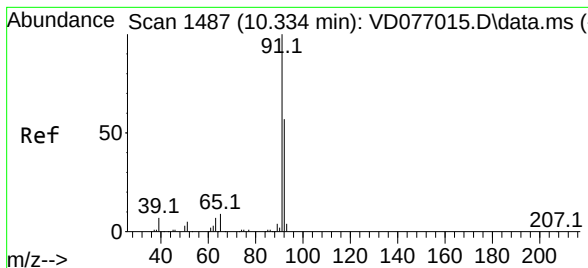
Ion Ratio Lower Upper

43 100

58 43.1 30.7 46.1

100 20.6 11.0 16.4#





#42

Toluene

Concen: 23.626 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

Instrument :

MSVOA_D

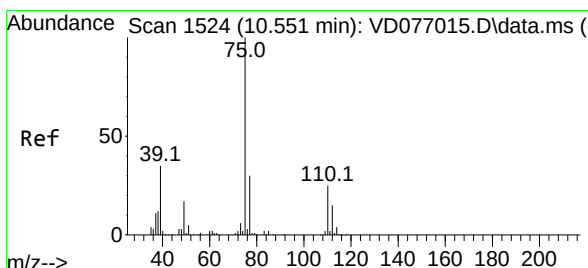
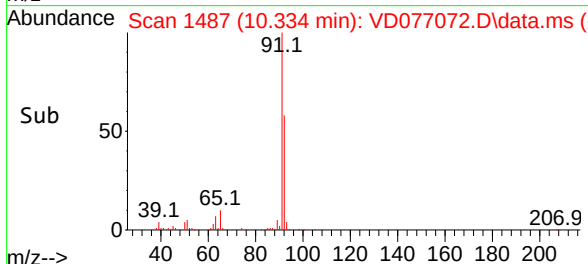
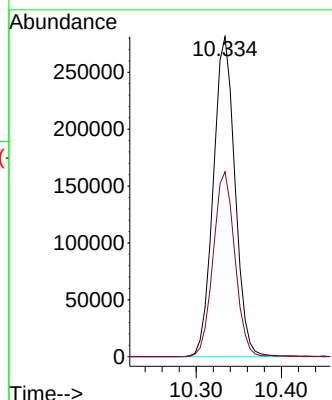
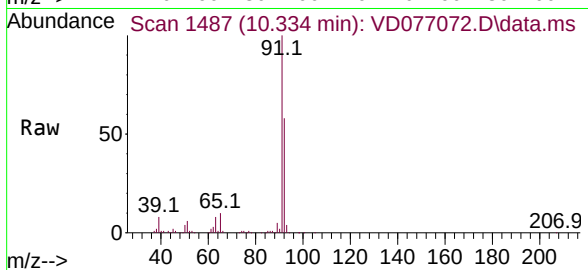
ClientSampleId :

Tgt Ion: 91 Resp: 496808

Ion Ratio Lower Upper

91 100

92 57.8 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 24.432 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD077072.D

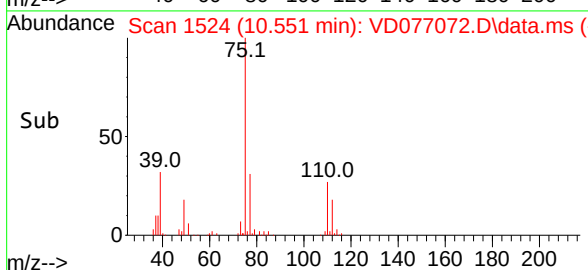
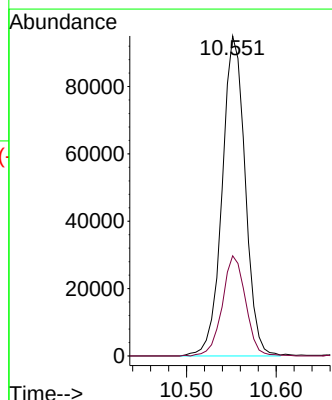
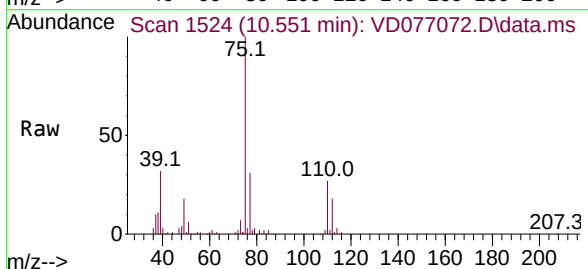
Acq: 30 Aug 2023 09:18

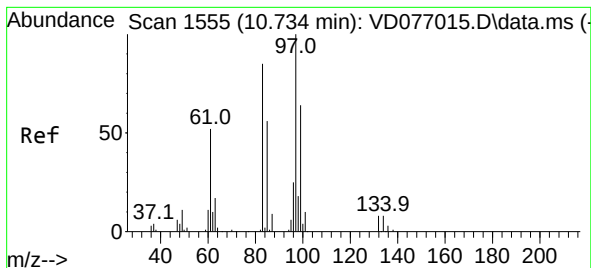
Tgt Ion: 75 Resp: 169288

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 24.277 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 105988

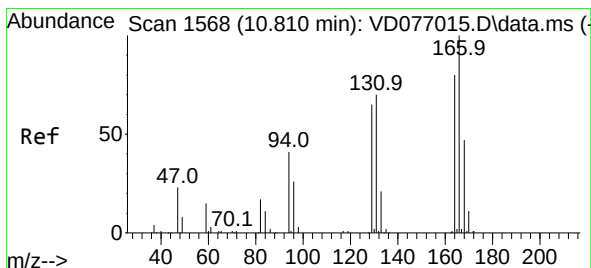
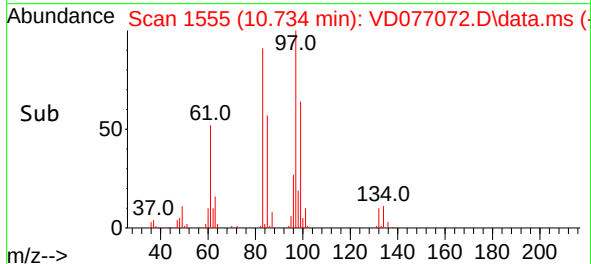
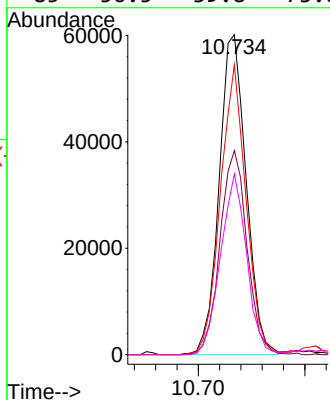
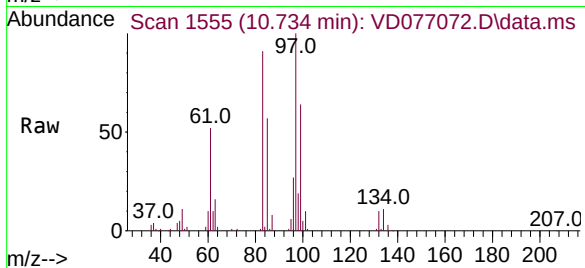
Ion Ratio Lower Upper

97 100

99 63.8 41.9 77.9

83 90.5 59.2 110.0

85 56.5 39.8 73.8



#46

Tetrachloroethene

Concen: 24.669 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

Tgt Ion:164 Resp: 93630

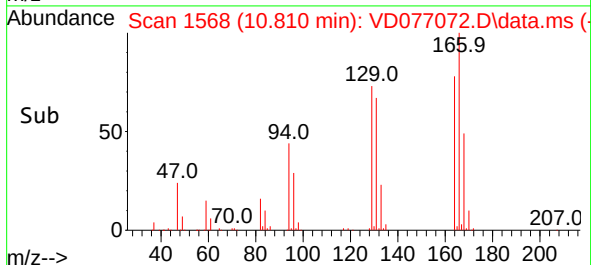
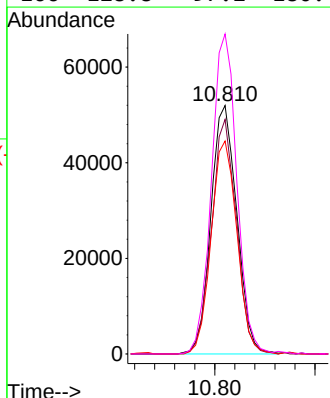
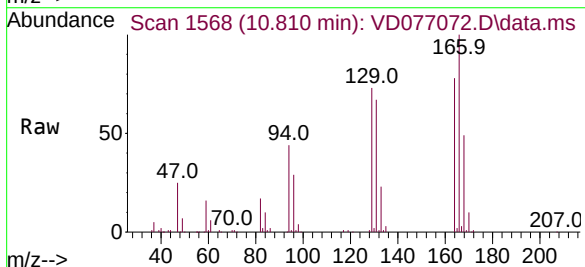
Ion Ratio Lower Upper

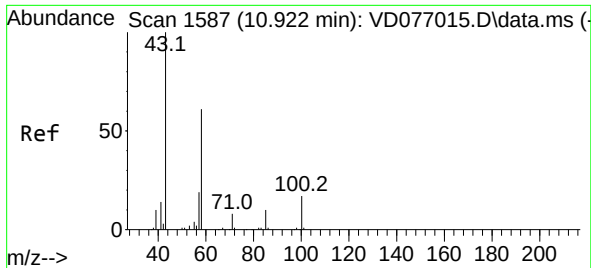
164 100

129 94.4 65.5 121.6

131 85.7 64.8 120.3

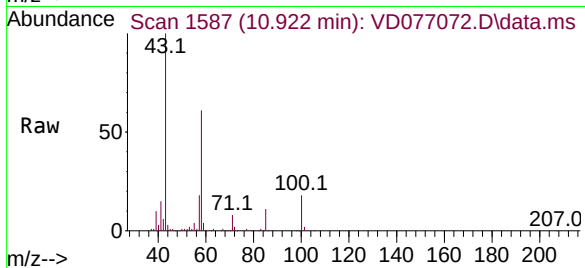
166 128.8 97.2 180.4



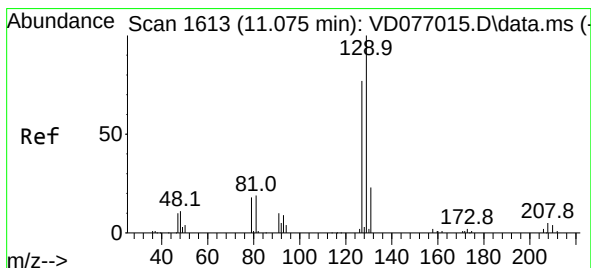
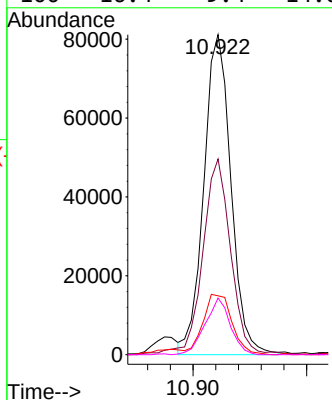
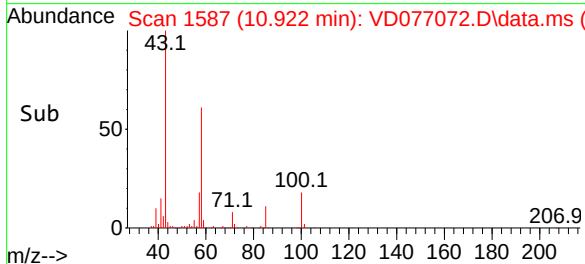


#48
2-Hexanone
Concen: 56.658 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Instrument :
MSVOA_D
ClientSampleId :

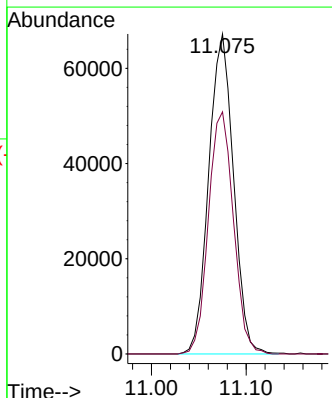
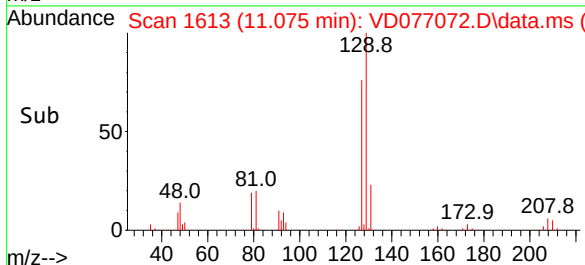
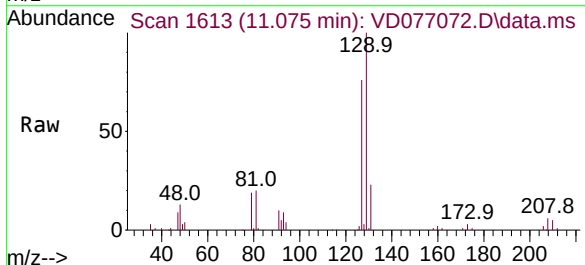


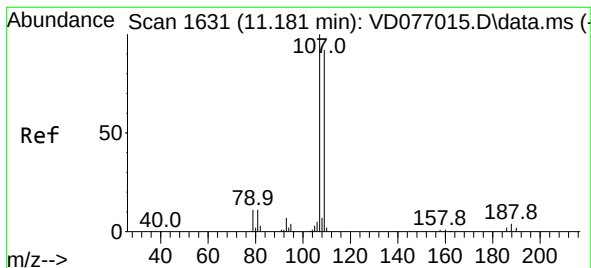
Tgt Ion: 43 Resp: 134858
Ion Ratio Lower Upper
43 100
58 61.1 42.9 64.3
57 20.1 13.7 20.5
100 16.4 9.4 14.0#



#49
Dibromochloromethane
Concen: 25.228 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Tgt Ion:129 Resp: 122533
Ion Ratio Lower Upper
129 100
127 75.6 55.2 102.6





#50

1,2-Dibromoethane

Concen: 24.864 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077072.D

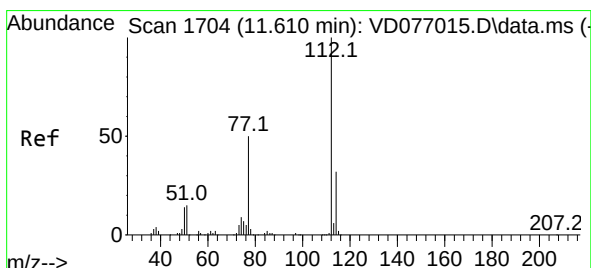
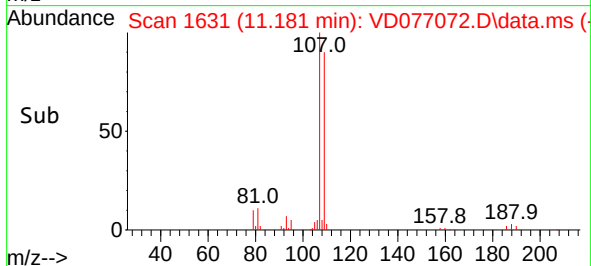
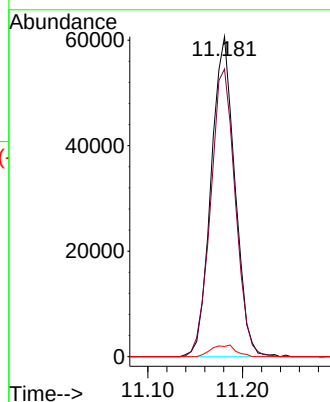
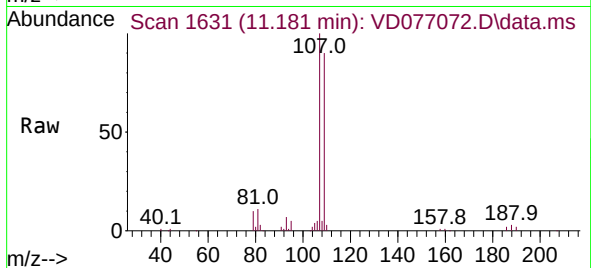
Acq: 30 Aug 2023 09:18

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	105870
Ion	Ratio	Lower	Upper
107	100		
109	89.9	58.8	109.2
188	3.2	2.9	4.3



#51

Chlorobenzene

Concen: 24.259 ug/L

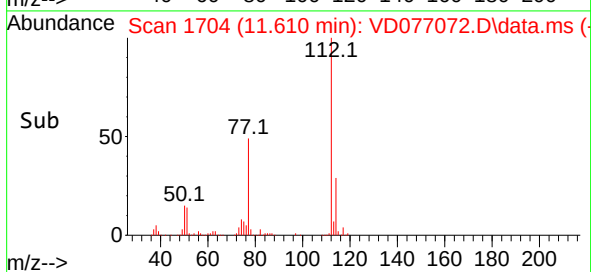
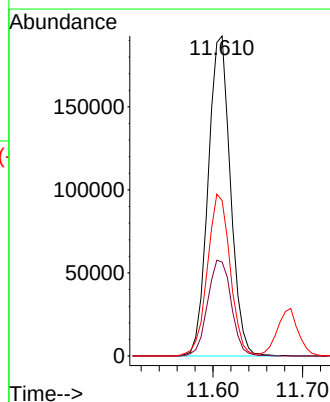
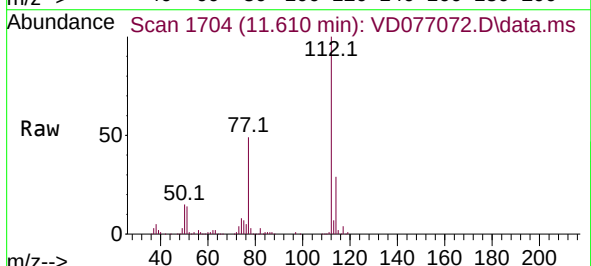
RT: 11.610 min Scan# 1704

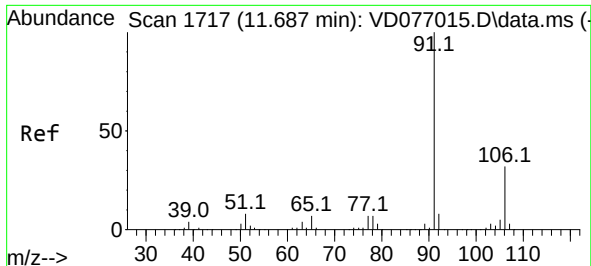
Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

Tgt Ion:	112	Resp:	332355
Ion	Ratio	Lower	Upper
112	100		
114	29.4	21.5	39.9
77	48.6	43.4	65.2

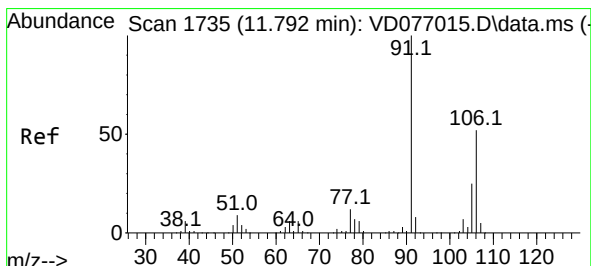
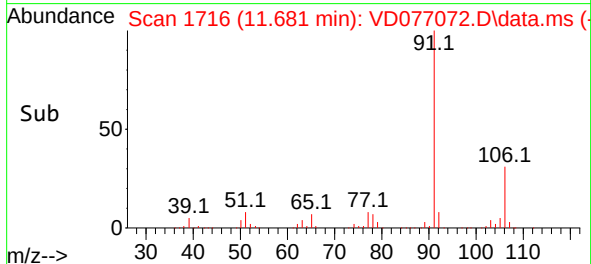
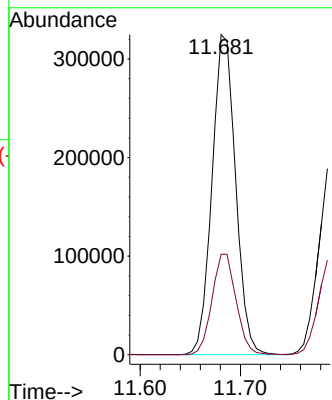
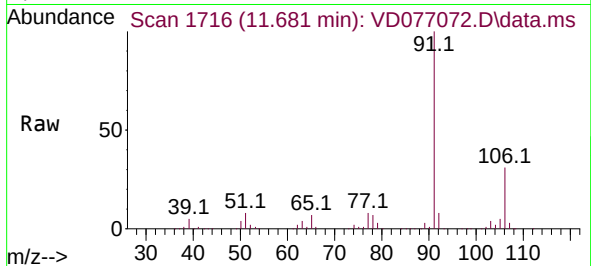




#52
Ethylbenzene
Concen: 23.712 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

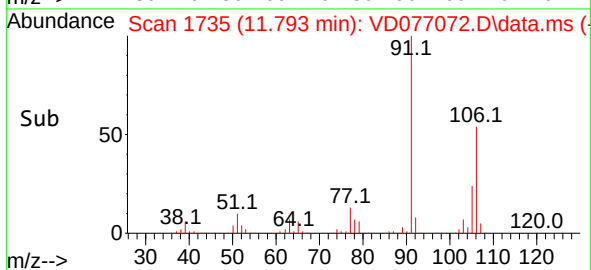
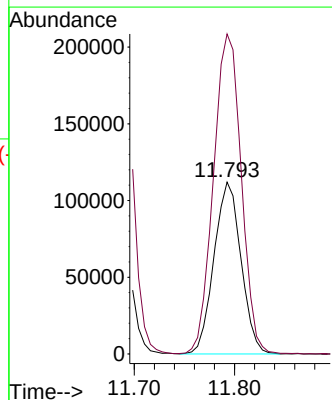
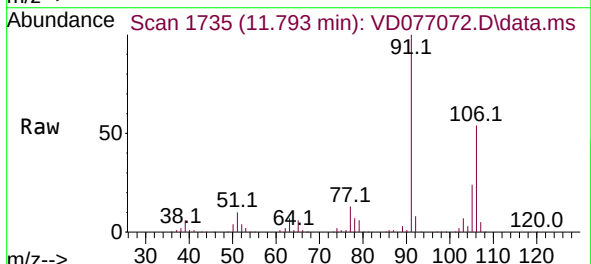
Instrument :
MSVOA_D
ClientSampleId :

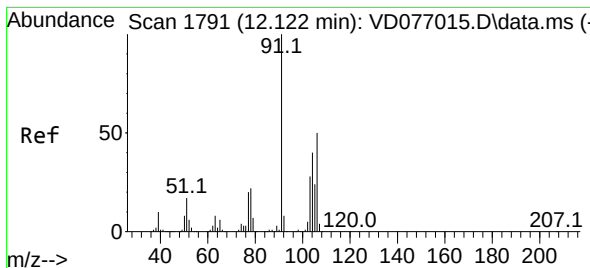
Tgt Ion: 91 Resp: 531326
Ion Ratio Lower Upper
91 100
106 31.4 22.4 41.6



#53
m,p-Xylene
Concen: 24.240 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Tgt Ion: 106 Resp: 209577
Ion Ratio Lower Upper
106 100
91 186.2 141.5 262.9





#54

o-Xylene

Concen: 24.076 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

Instrument :

MSVOA_D

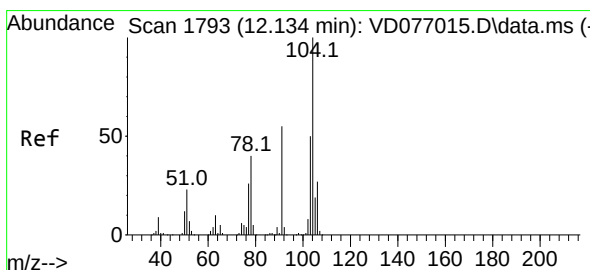
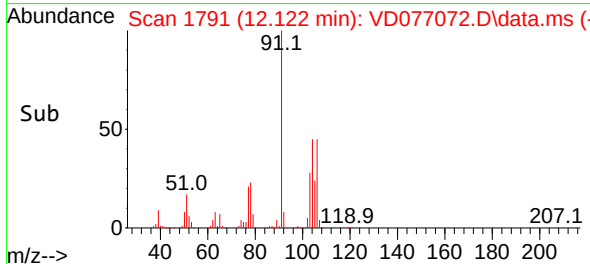
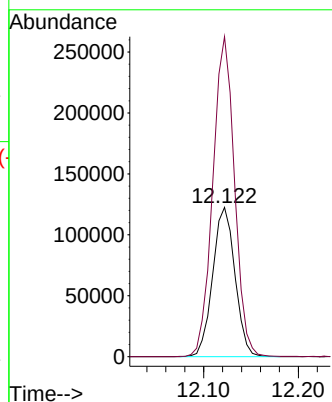
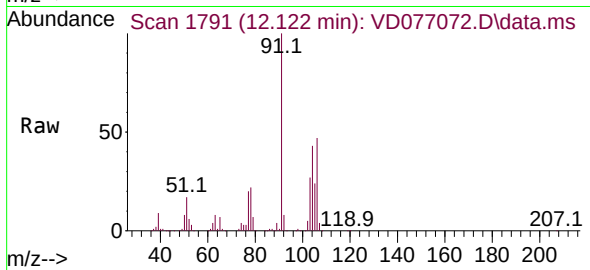
ClientSampleId :

Tgt Ion:106 Resp: 200202

Ion Ratio Lower Upper

106 100

91 214.5 142.2 264.2



#55

Styrene

Concen: 25.328 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077072.D

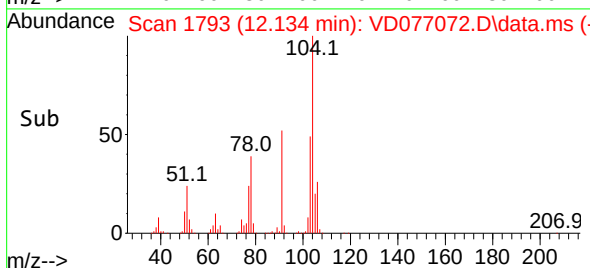
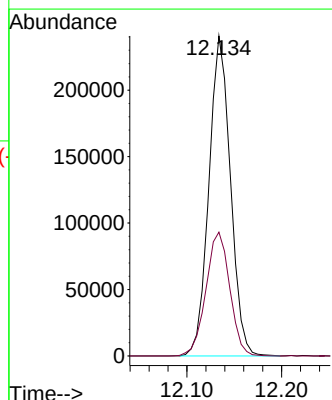
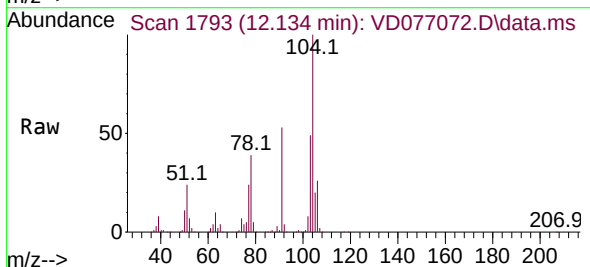
Acq: 30 Aug 2023 09:18

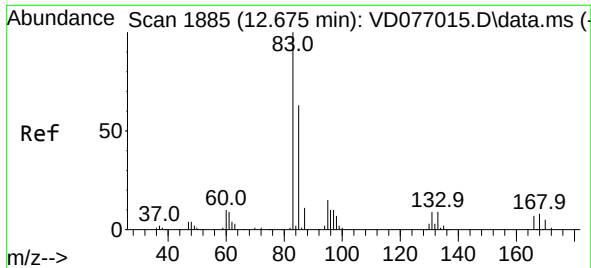
Tgt Ion:104 Resp: 380805

Ion Ratio Lower Upper

104 100

78 38.7 31.3 58.1

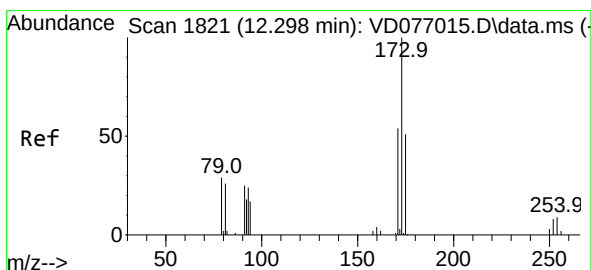
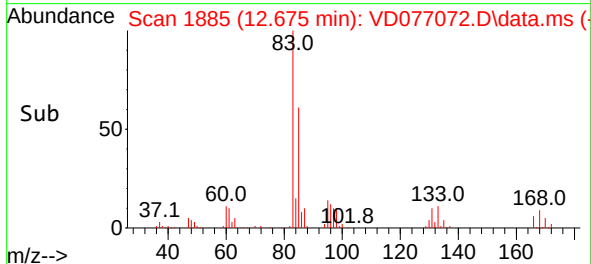
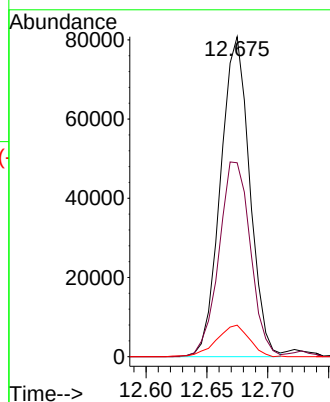
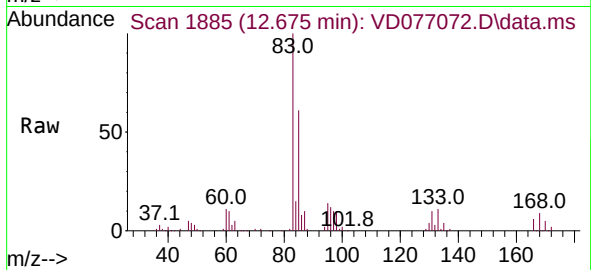




#57
1,1,2,2-Tetrachloroethane
Concen: 24.950 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

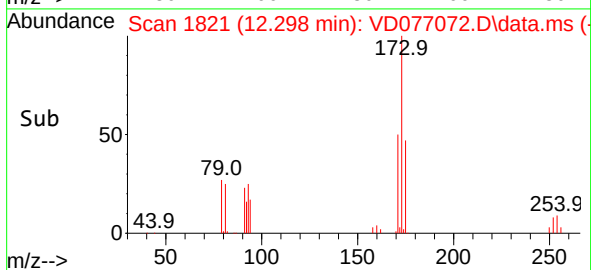
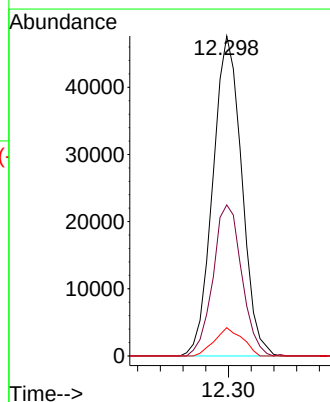
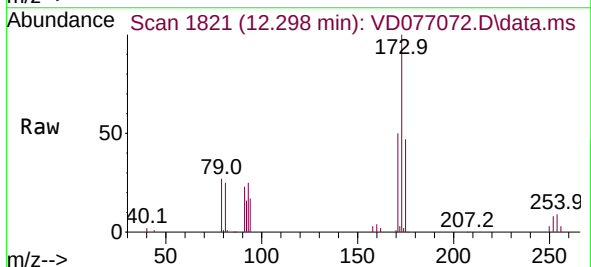
Instrument :
MSVOA_D
ClientSampleId :

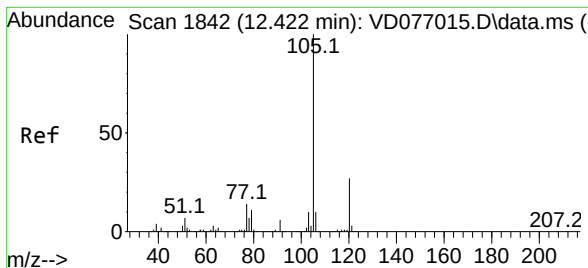
Tgt Ion: 83 Resp: 134727
Ion Ratio Lower Upper
83 100
85 60.6 46.3 86.1
131 9.9 7.0 10.4



#59
Bromoform
Concen: 25.469 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Tgt Ion:173 Resp: 84083
Ion Ratio Lower Upper
173 100
175 46.9 39.0 58.4
254 8.5 5.3 7.9#





#60

Isopropylbenzene

Concen: 21.877 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

Instrument :

MSVOA_D

ClientSampleId :

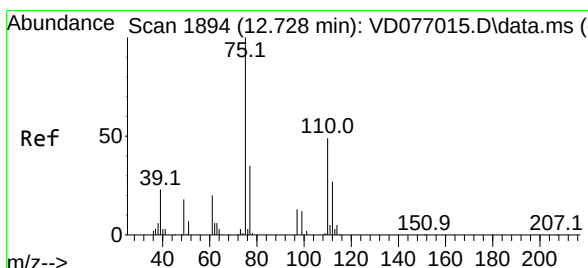
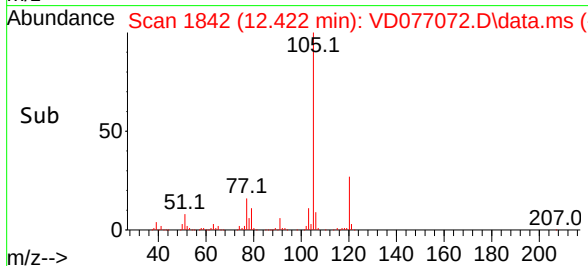
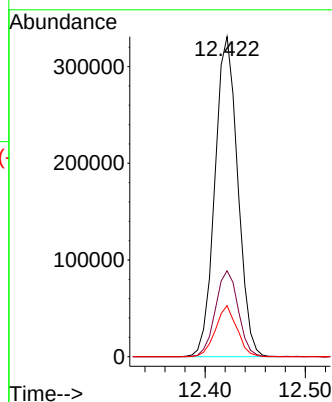
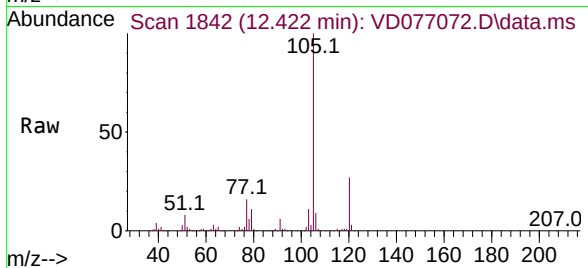
Tgt Ion:105 Resp: 523774

Ion Ratio Lower Upper

105 100

120 26.8 21.3 31.9

77 14.9 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 22.748 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD077072.D

Acq: 30 Aug 2023 09:18

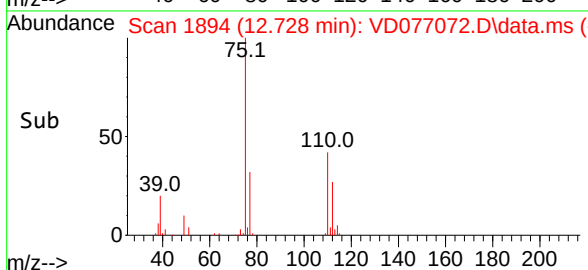
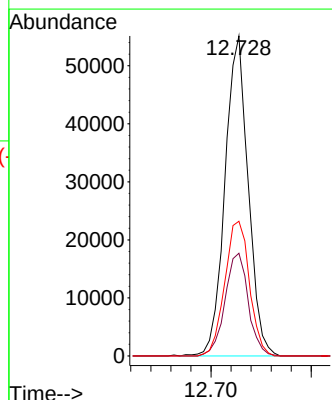
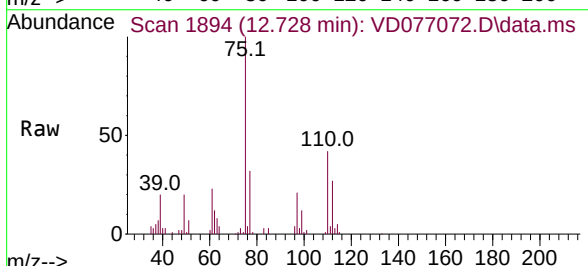
Tgt Ion: 75 Resp: 88383

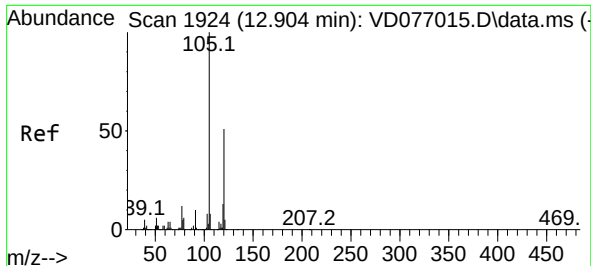
Ion Ratio Lower Upper

75 100

77 32.2 27.2 40.8

110 44.8 31.8 47.6

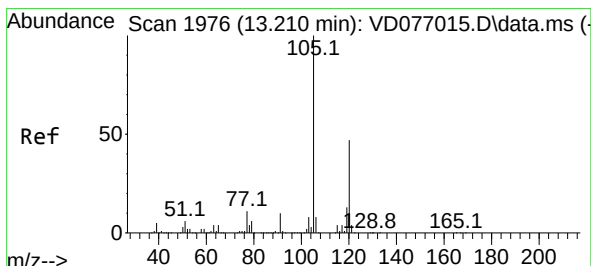
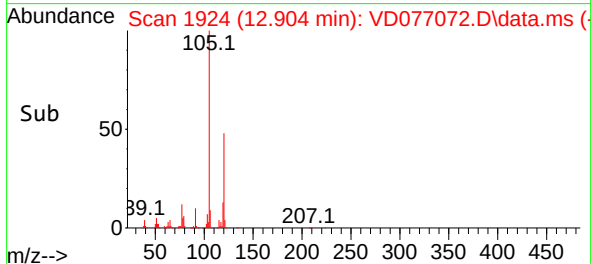
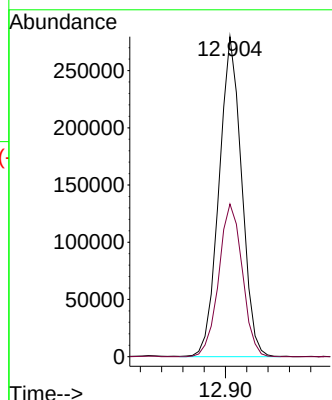
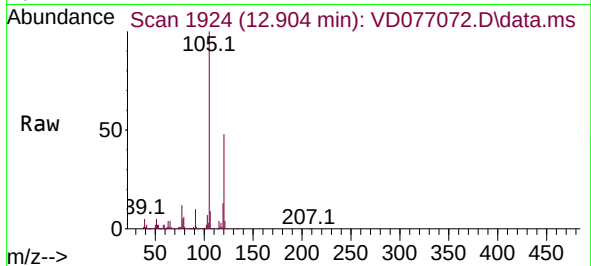




#62
1,3,5-Trimethylbenzene
Concen: 22.564 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

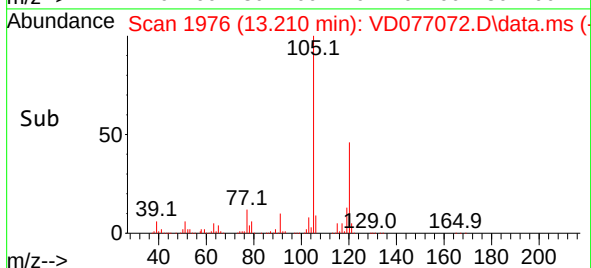
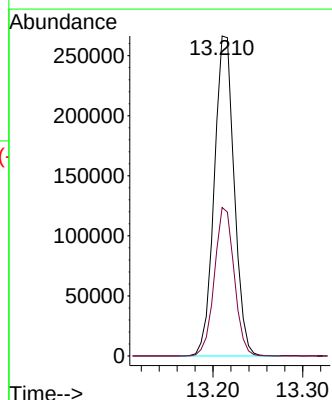
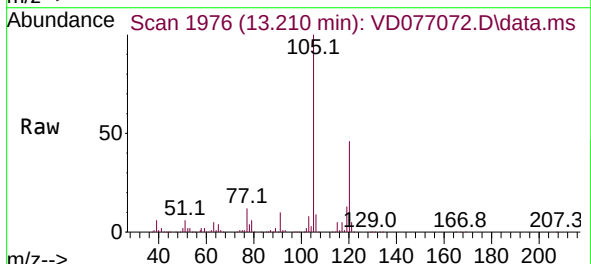
Instrument :
MSVOA_D
ClientSampleId :

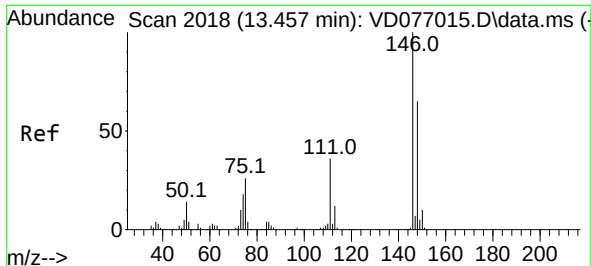
Tgt Ion:105 Resp: 411541
Ion Ratio Lower Upper
105 100
120 49.7 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 22.647 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Tgt Ion:105 Resp: 411059
Ion Ratio Lower Upper
105 100
120 46.0 37.5 56.3

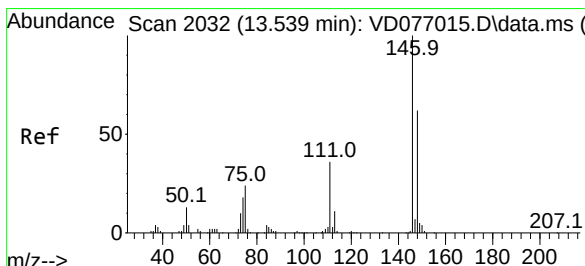
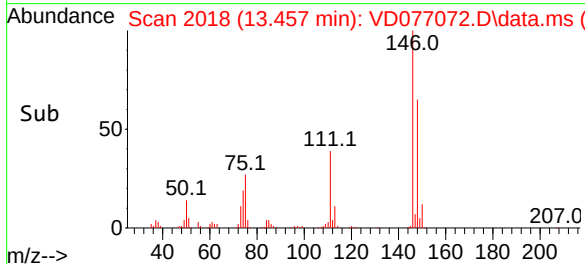
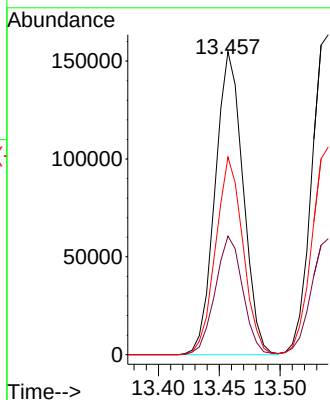
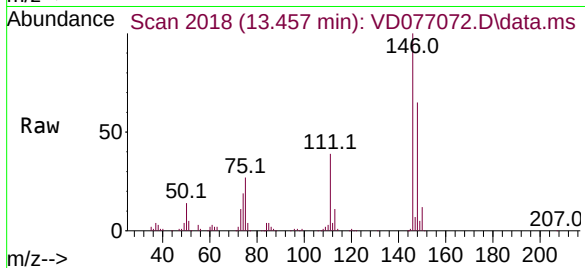




#64
1,3-Dichlorobenzene
Concen: 22.657 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

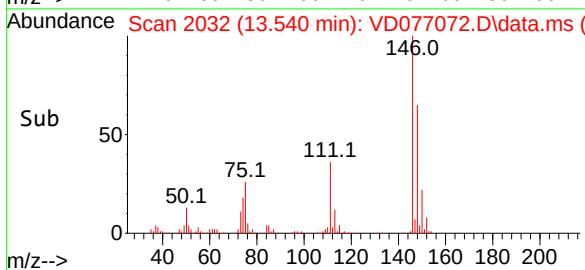
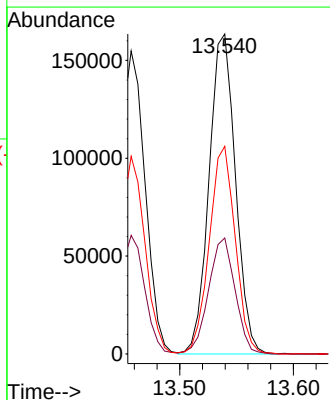
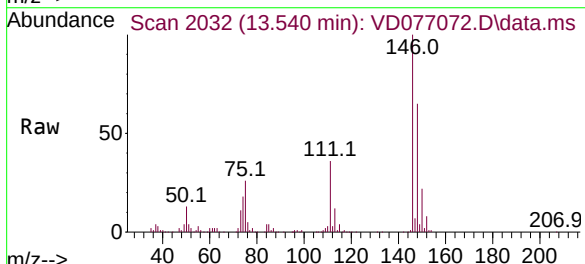
Instrument :
MSVOA_D
ClientSampleId :

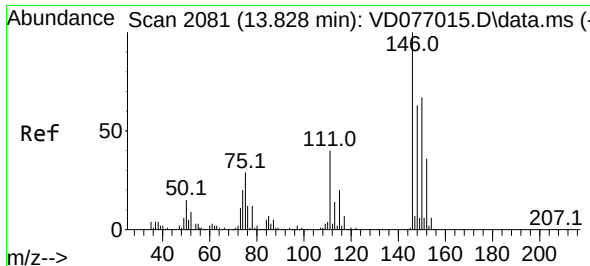
Tgt Ion:146 Resp: 247566
Ion Ratio Lower Upper
146 100
111 39.1 25.6 47.4
148 65.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 23.422 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Tgt Ion:146 Resp: 264538
Ion Ratio Lower Upper
146 100
111 36.2 25.7 47.7
148 64.9 45.4 84.2

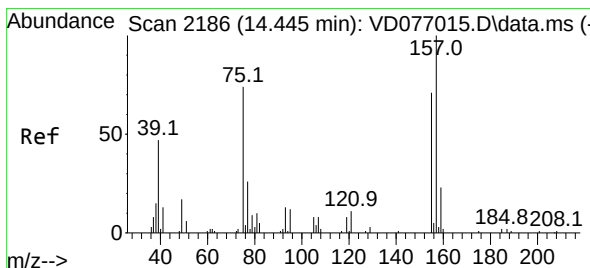
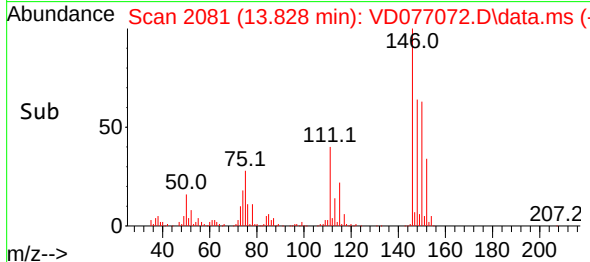
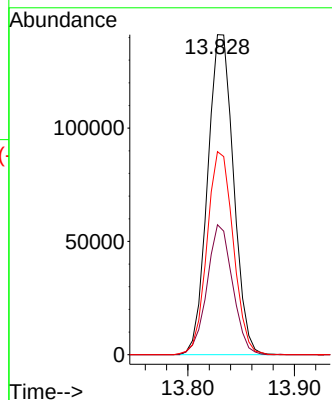
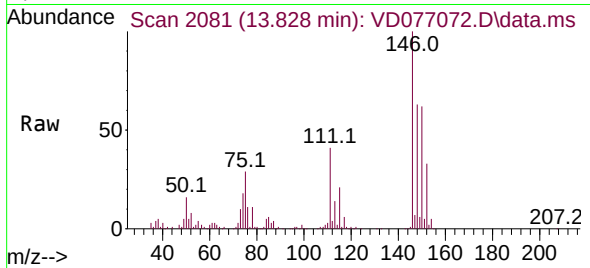




#67
1,2-Dichlorobenzene
Concen: 23.359 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

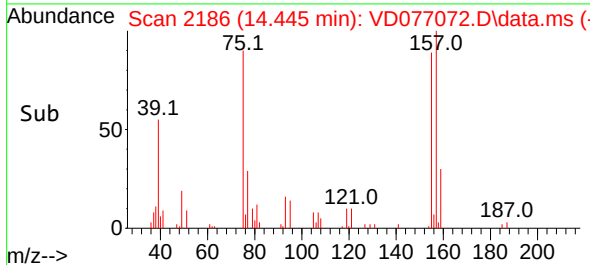
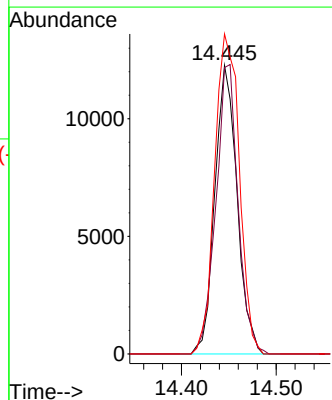
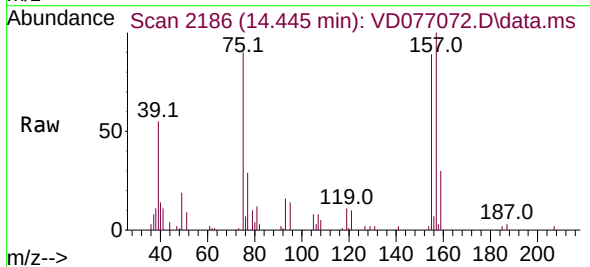
Instrument :
MSVOA_D
ClientSampleId :

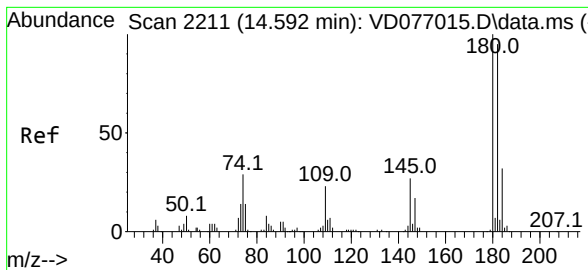
Tgt Ion:146 Resp: 239264
Ion Ratio Lower Upper
146 100
111 40.6 31.3 46.9
148 63.5 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 22.471 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

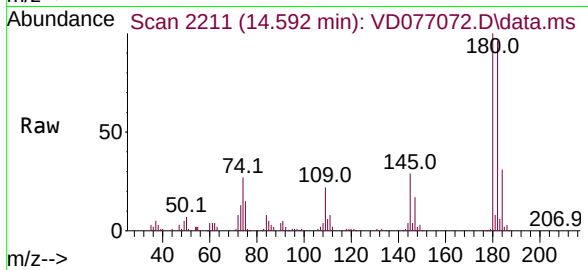
Tgt Ion: 75 Resp: 20004
Ion Ratio Lower Upper
75 100
155 99.2 76.2 114.4
157 110.9 89.4 134.2



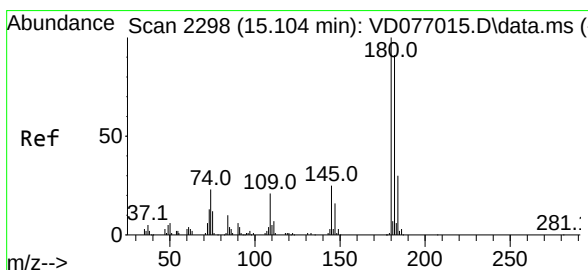
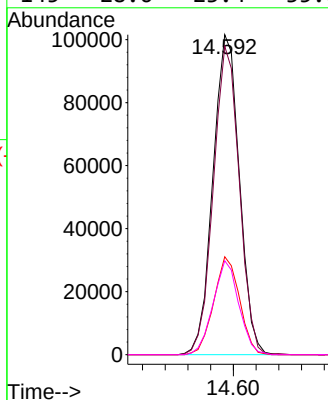
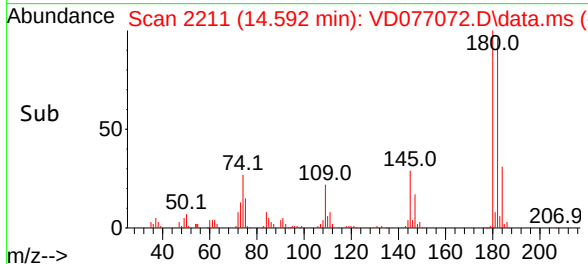


#69
 1,3,5-Trichlorobenzene
 Concen: 23.967 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077072.D
 Acq: 30 Aug 2023 09:18

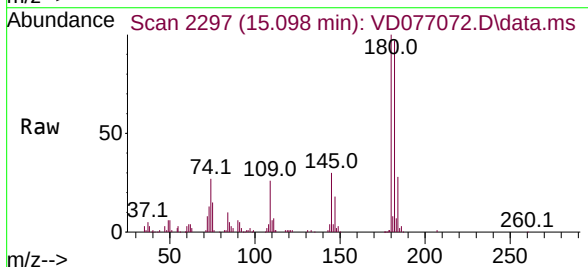
Instrument :
 MSVOA_D
 ClientSampleId :



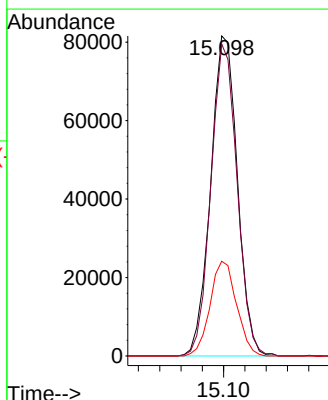
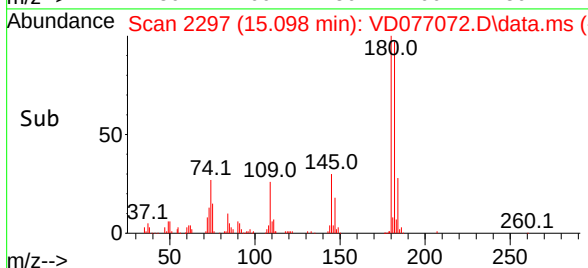
Tgt Ion:	180	Resp:	163878
Ion Ratio	Lower	Upper	
180	100		
182	94.5	77.1	115.7
184	29.9	25.0	37.4
145	28.6	23.4	35.0

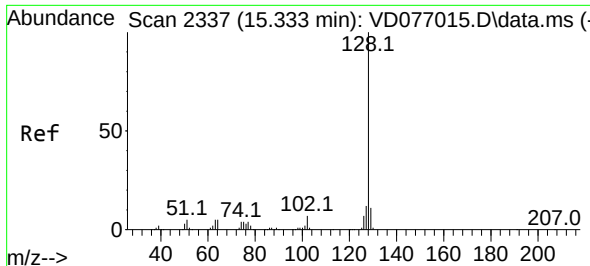


#70
 1,2,4-trichlorobenzene
 Concen: 23.691 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD077072.D
 Acq: 30 Aug 2023 09:18



Tgt Ion:	180	Resp:	142493
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.9	115.3
145	29.2	23.5	35.3

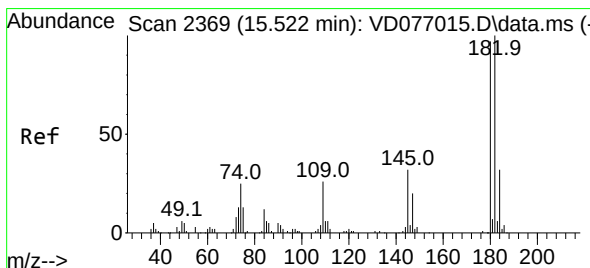
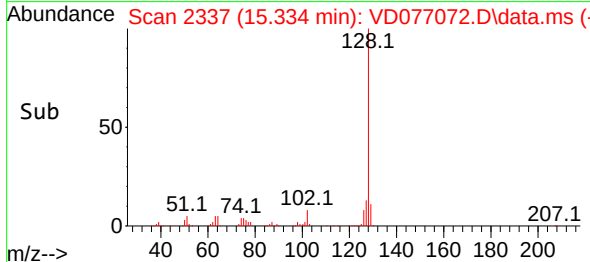
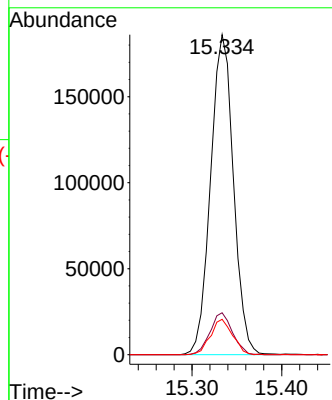
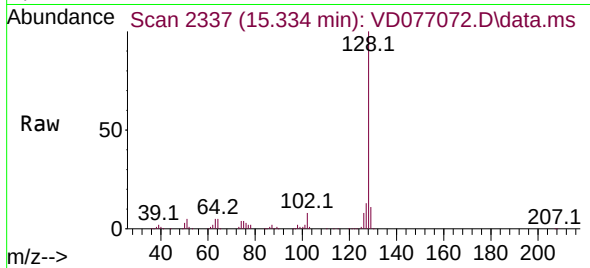




#71
Naphthalene
Concen: 23.299 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 329513
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.884 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077072.D
Acq: 30 Aug 2023 09:18

Tgt Ion:180 Resp: 135732
Ion Ratio Lower Upper
180 100
182 95.1 74.3 111.5
145 31.0 25.0 37.6

