

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081123\
 Data File : VW026697.D
 Acq On : 11 Aug 2023 08:57
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025575

Quant Time: Aug 12 00:35:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:00:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	550176	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	522933	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	286339	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	234093	25.883	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.520%
7) Chloroethane-d5	2.893	69	175283	26.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.240%
11) 1,1-Dichloroethene-d2	4.021	65	109333	24.579	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.320%
21) 2-Butanone-d5	7.081	46	107394	41.313	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.620%
24) Chloroform-d	7.648	84	469053	25.402	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	8.307	65	251614	24.692	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.760%
32) Benzene-d6	8.276	84	977031	27.109	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.440%
36) 1,2-Dichloropropane-d6	9.276	67	292056	26.016	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.080%
41) Toluene-d8	10.319	98	839396	27.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.520%
43) trans-1,3-Dichloroprop...	10.575	79	118061	25.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.880%
47) 2-Hexanone-d5	10.922	63	53152	45.059	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215684	24.328	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.320%
66) 1,2-Dichlorobenzene-d4	13.849	152	251635	24.553	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	198270	26.506	ug/L	# 86
3) Chloromethane	2.223	50	259801	25.400	ug/L	99
5) Vinyl chloride	2.375	62	274365	28.059	ug/L	100
6) Bromomethane	2.783	94	149640	26.267	ug/L	98
8) Chloroethane	2.936	64	157441	26.872	ug/L	99
9) Trichlorofluoromethane	3.265	101	215200	26.817	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	233154	26.898	ug/L	98
12) 1,1-Dichloroethene	4.045	96	219608	27.005	ug/L	94
13) Acetone	4.131	43	128629	49.766	ug/L	97
14) Carbon disulfide	4.393	76	786872	26.896	ug/L	99
15) Methyl Acetate	4.667	43	118194	22.829	ug/L	100
16) Methylene chloride	4.923	84	268241	25.204	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	244410	26.934	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	343326	25.005	ug/L	99
19) 1,1-Dichloroethane	6.216	63	493702	26.434	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	256904	26.339	ug/L	98
22) 2-Butanone	7.173	43	174770	45.883	ug/L	100
23) Bromochloromethane	7.514	128	107134	25.427	ug/L	97
25) Chloroform	7.679	83	462478	25.632	ug/L	100

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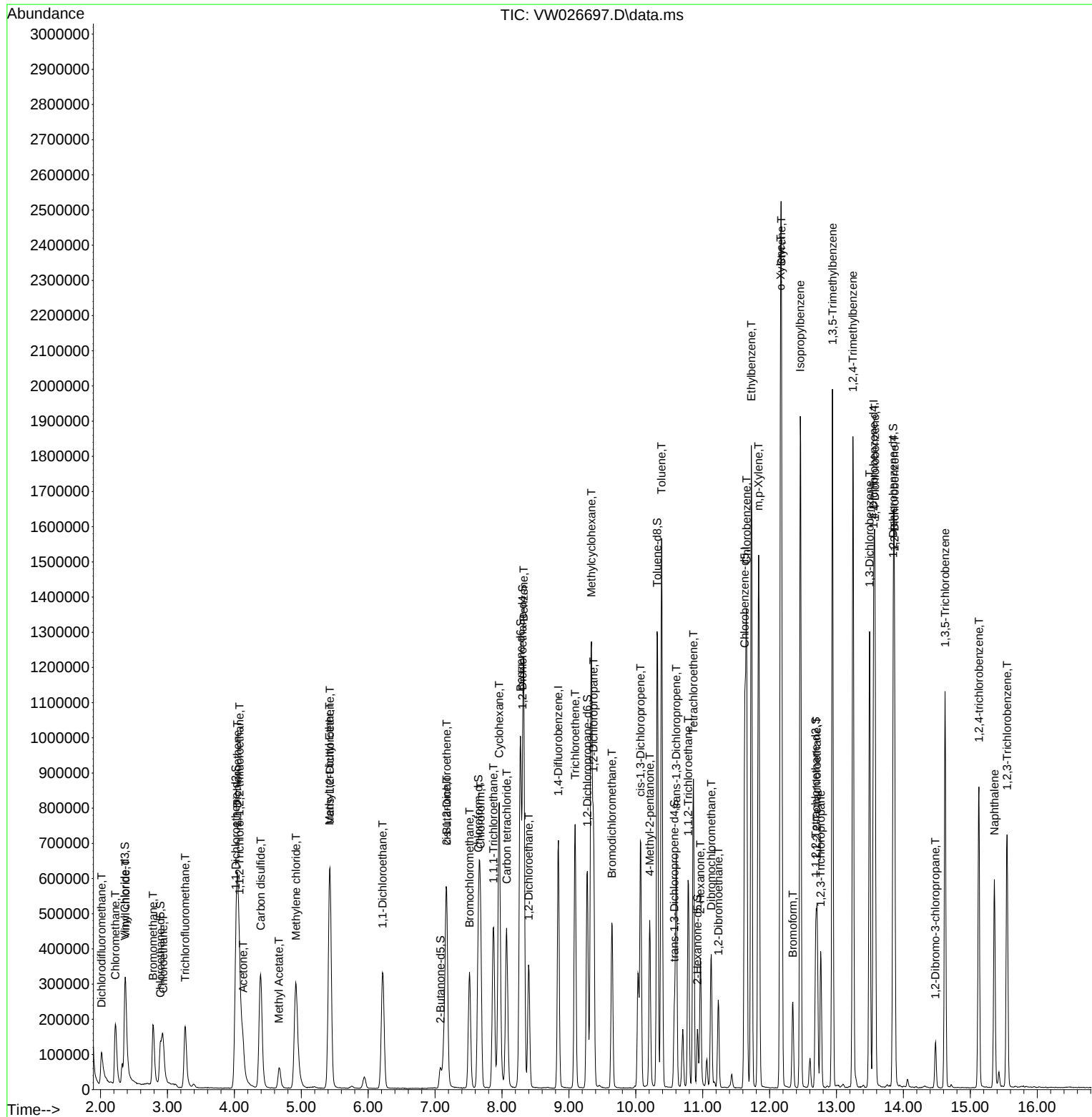
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	314040	24.949	ug/L	98
29) Cyclohexane	7.959	56	464381	28.716	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	376938	27.619	ug/L	99
31) Carbon tetrachloride	8.069	117	343775	27.549	ug/L	96
33) Benzene	8.325	78	1047813	27.515	ug/L	100
34) Trichloroethene	9.093	95	264139	27.234	ug/L	99
35) Methylcyclohexane	9.337	83	481654	29.029	ug/L	99
37) 1,2-Dichloropropane	9.368	63	282766	27.109	ug/L	99
38) Bromodichloromethane	9.642	83	319652	26.123	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	408720	27.238	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	324949	47.893	ug/L	100
42) Toluene	10.386	91	1090253	28.301	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	345943	26.784	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	184353	25.842	ug/L	98
46) Tetrachloroethene	10.861	164	189822	26.939	ug/L	97
48) 2-Hexanone	10.965	43	242147	52.449	ug/L	100
49) Dibromochloromethane	11.129	129	195178	26.159	ug/L	92
50) 1,2-Dibromoethane	11.233	107	167151	24.972	ug/L	92
51) Chlorobenzene	11.654	112	651970	26.793	ug/L	99
52) Ethylbenzene	11.727	91	1228523	28.438	ug/L	98
53) m,p-Xylene	11.837	106	458287	28.636	ug/L	90
54) o-Xylene	12.166	106	420804	28.173	ug/L	98
55) Styrene	12.178	104	746510	28.744	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	220912	24.452	ug/L	100
59) Bromoform	12.349	173	109850	24.490	ug/L	95
60) Isopropylbenzene	12.459	105	1169153	27.463	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	163433	23.530	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	959036	28.501	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	950645	28.830	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	487730	26.343	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	482307	24.962	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	430299	25.558	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	36163	21.597	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.623	180	308320	24.649	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	246938	23.285	ug/L	95
71) Naphthalene	15.360	128	468273	23.148	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	224546	23.475	ug/L	98

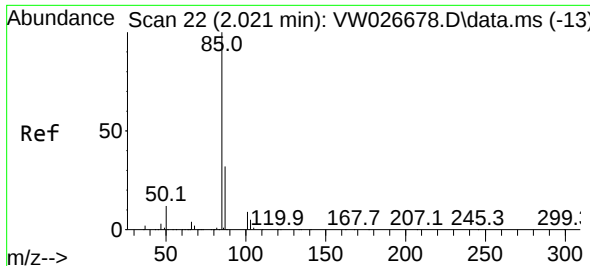
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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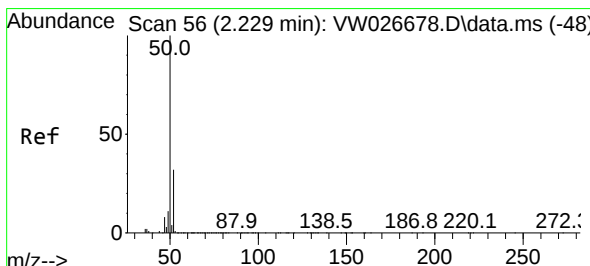
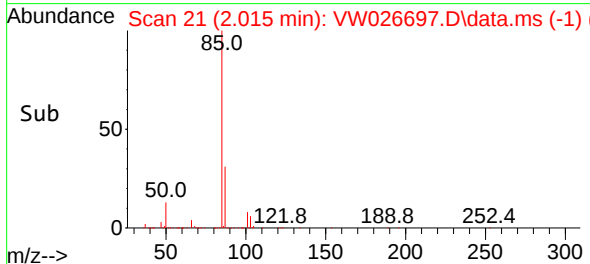
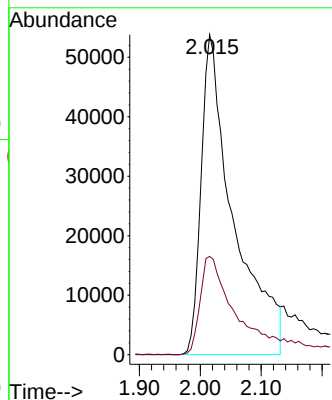
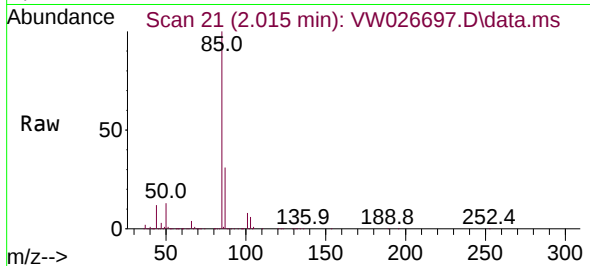




#2
 Dichlorodifluoromethane
 Concen: 26.506 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026697.D
 Acq: 11 Aug 2023 08:57

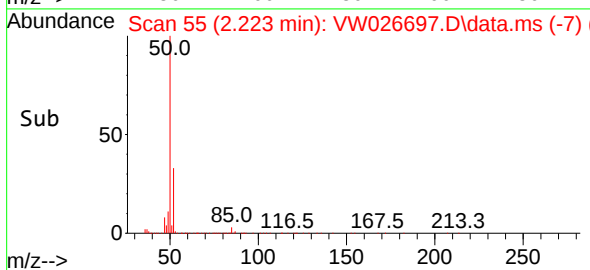
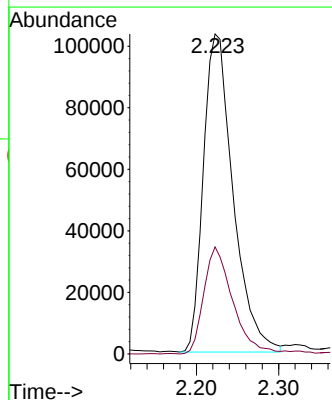
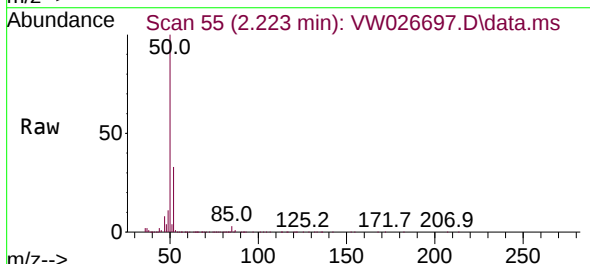
Instrument :
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 ClientSampleId :
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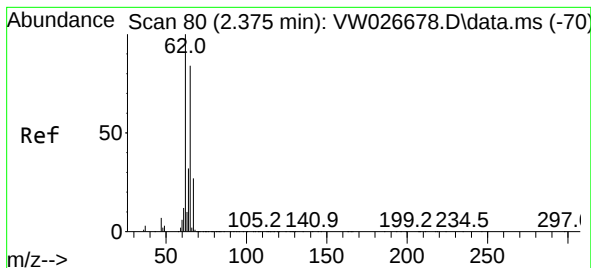
Tgt Ion: 85 Resp: 198270
 Ion Ratio Lower Upper
 85 100
 87 31.4 19.5 29.3#



#3
 Chloromethane
 Concen: 25.400 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026697.D
 Acq: 11 Aug 2023 08:57

Tgt Ion: 50 Resp: 259801
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.8





#5

Vinyl chloride

Concen: 28.059 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

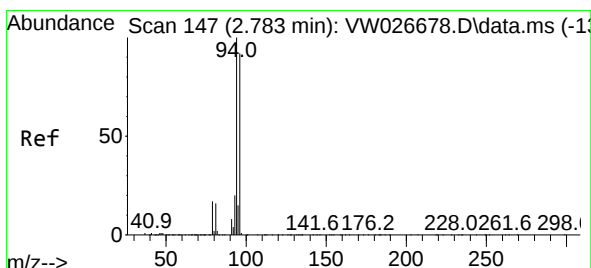
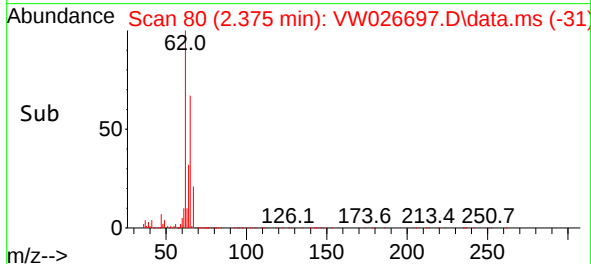
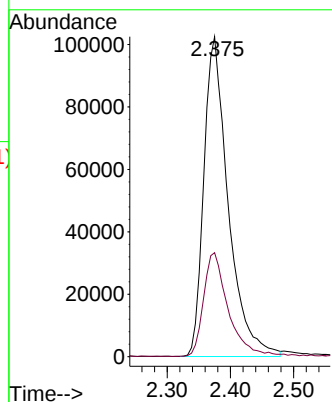
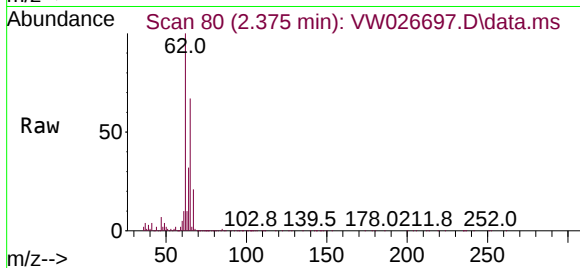
VSTD025575

Tgt Ion: 62 Resp: 274365

Ion Ratio Lower Upper

62 100

64 32.5 22.7 42.3



#6

Bromomethane

Concen: 26.267 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.000 min

Lab File: VW026697.D

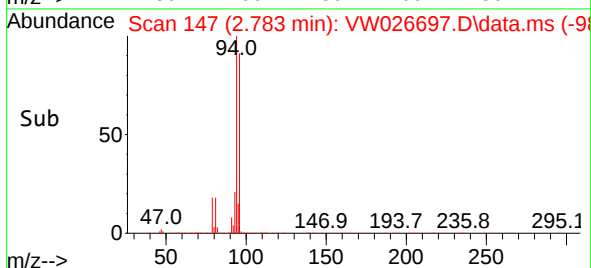
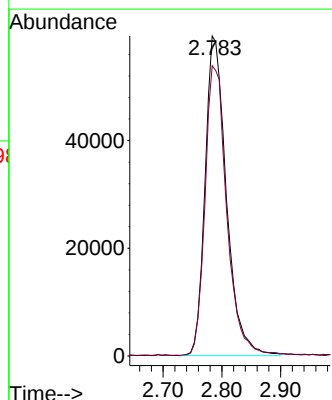
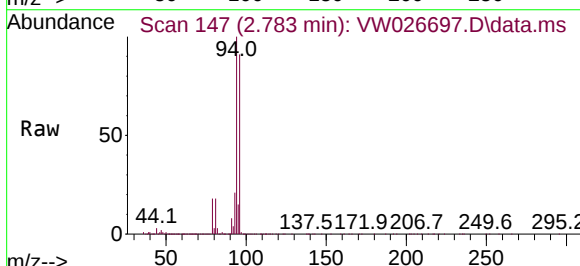
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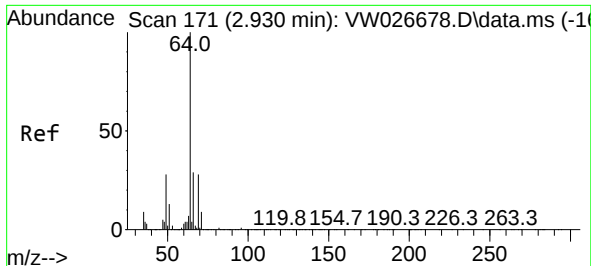
Tgt Ion: 94 Resp: 149640

Ion Ratio Lower Upper

94 100

96 90.7 64.8 120.3

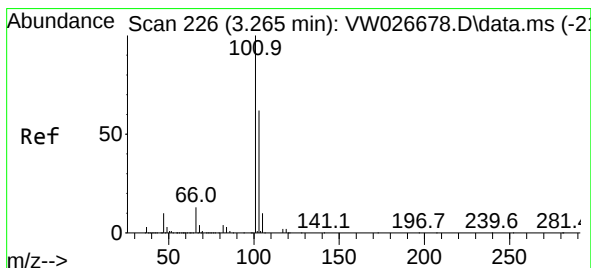
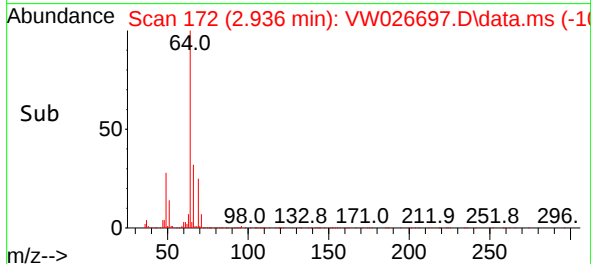
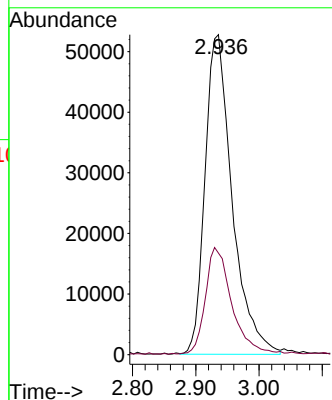
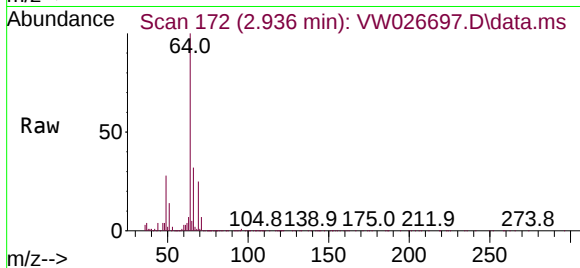




#8
Chloroethane
Concen: 26.872 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

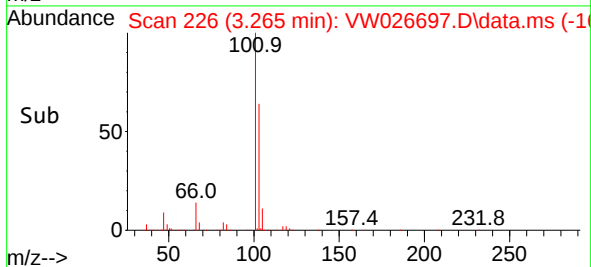
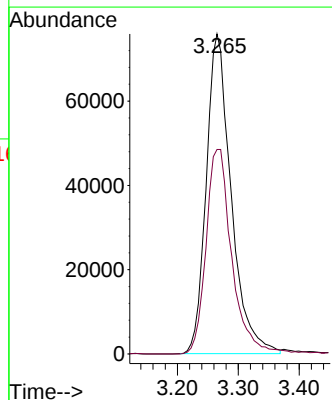
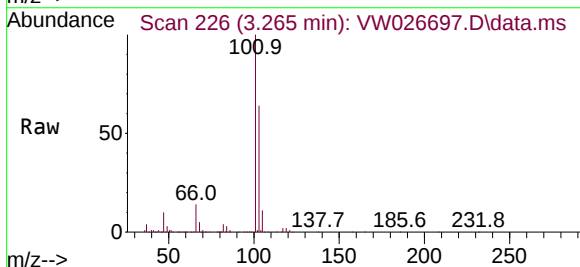
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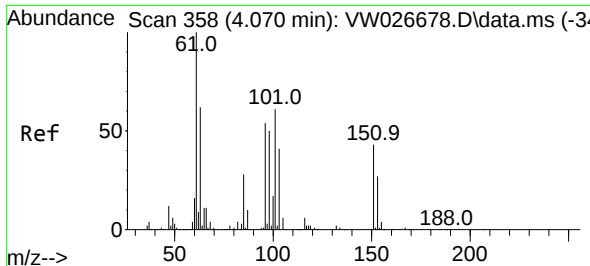
Tgt Ion: 64 Resp: 157441
Ion Ratio Lower Upper
64 100
66 31.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 26.817 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion: 101 Resp: 215200
Ion Ratio Lower Upper
101 100
103 66.3 51.9 77.9

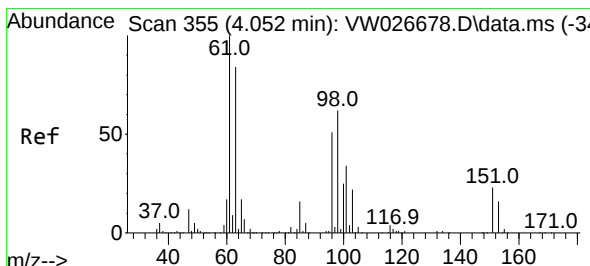
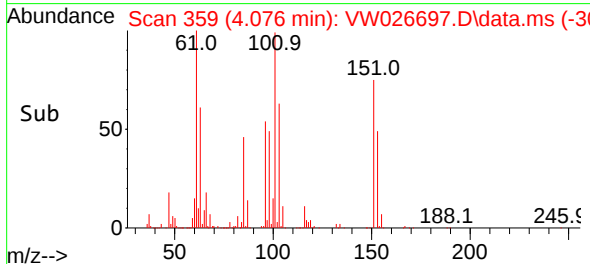
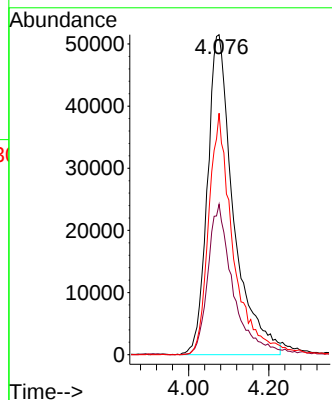
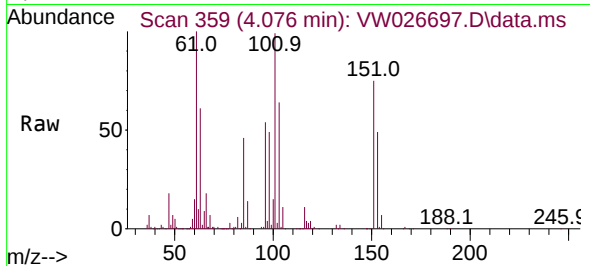




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.898 ug/L
RT: 4.076 min Scan# 358
Delta R.T. 0.006 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

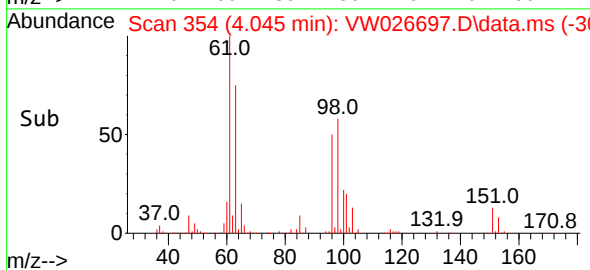
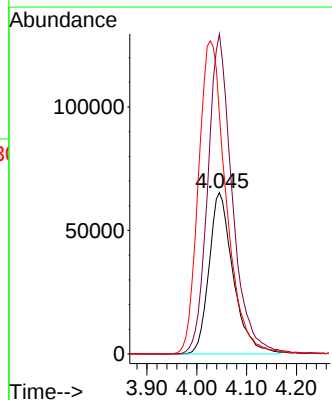
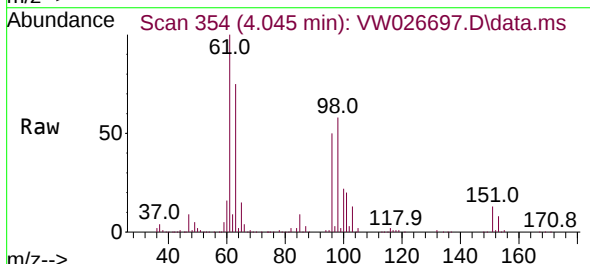
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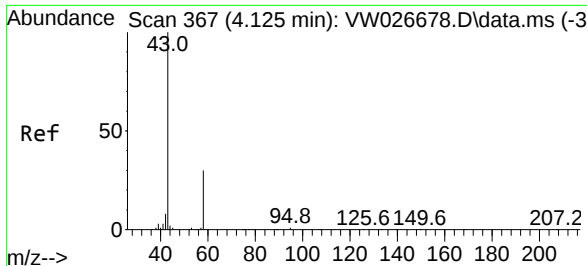
Tgt Ion:101 Resp: 233154
Ion Ratio Lower Upper
101 100
85 43.7 32.8 49.2
151 68.9 54.4 81.6



#12
1,1-Dichloroethene
Concen: 27.005 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion: 96 Resp: 219608
Ion Ratio Lower Upper
96 100
61 198.5 133.2 247.4
63 148.5 109.0 202.4

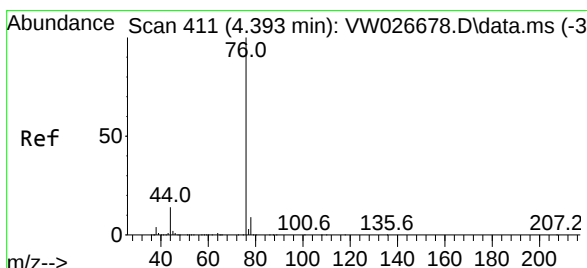
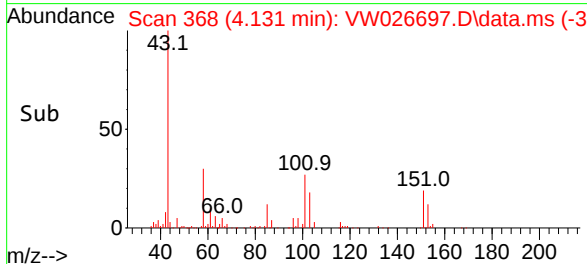
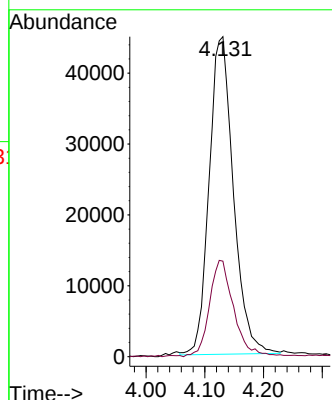
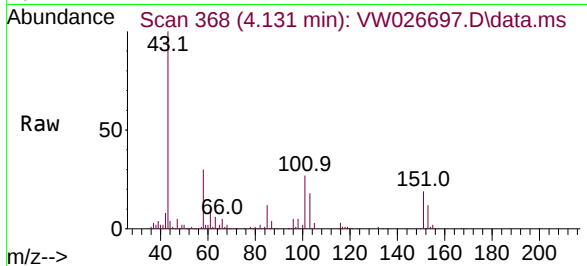




#13
Acetone
Concen: 49.766 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW026697.D
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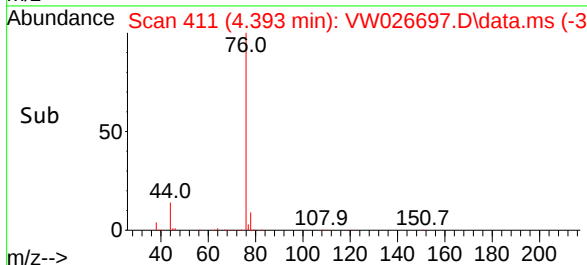
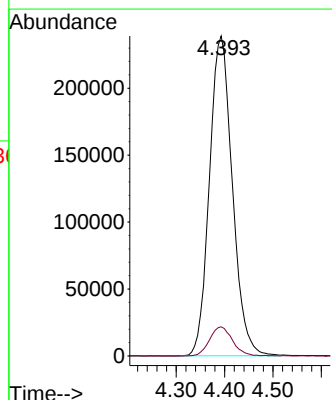
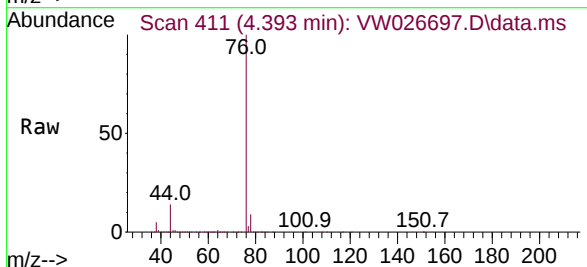
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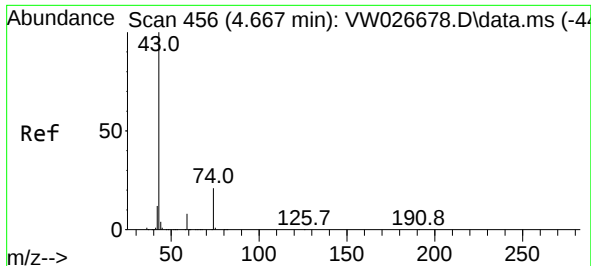
Tgt Ion: 43 Resp: 128629
Ion Ratio Lower Upper
43 100
58 30.3 0.0 57.4



#14
Carbon disulfide
Concen: 26.896 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion: 76 Resp: 786872
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

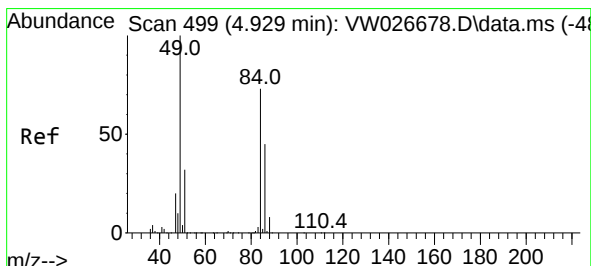
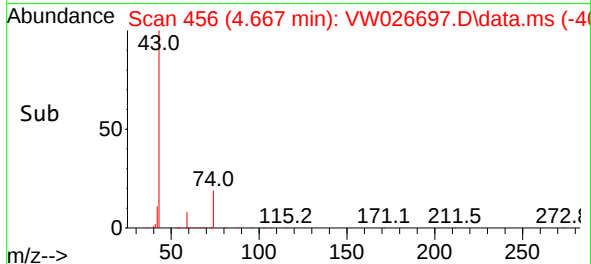
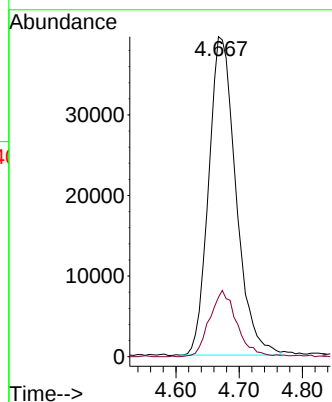
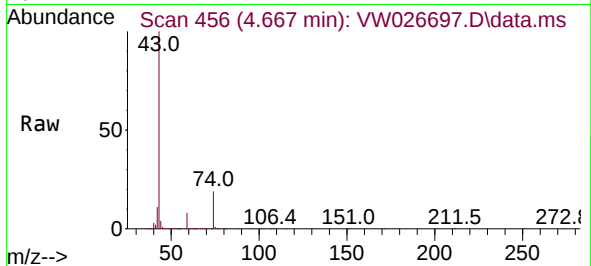




#15
Methyl Acetate
Concen: 22.829 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

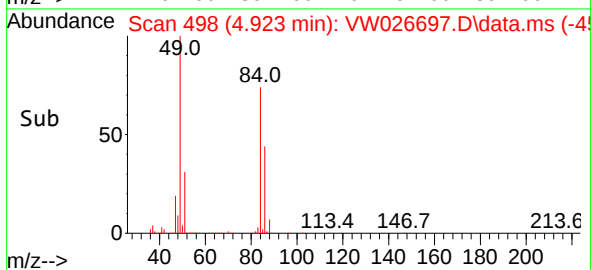
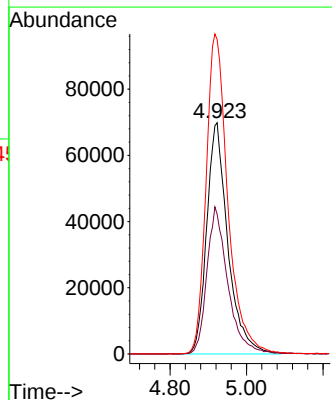
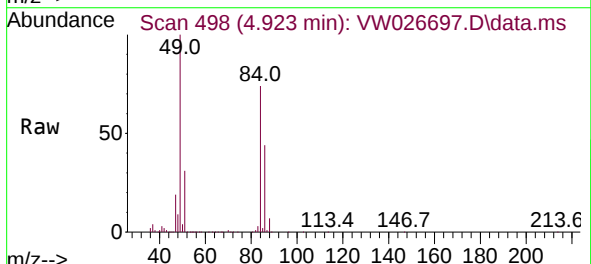
Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

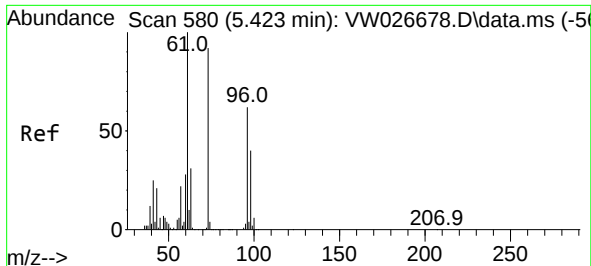
Tgt Ion: 43 Resp: 118194
Ion Ratio Lower Upper
43 100
74 20.6 16.4 24.6



#16
Methylene chloride
Concen: 25.204 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.006 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion: 84 Resp: 268241
Ion Ratio Lower Upper
84 100
86 60.4 43.5 80.9
49 136.0 96.0 178.2





#17

trans-1,2-Dichloroethene

Concen: 26.934 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025575

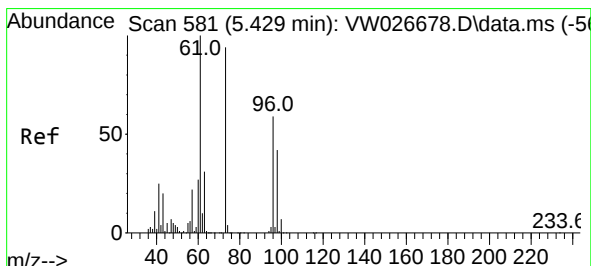
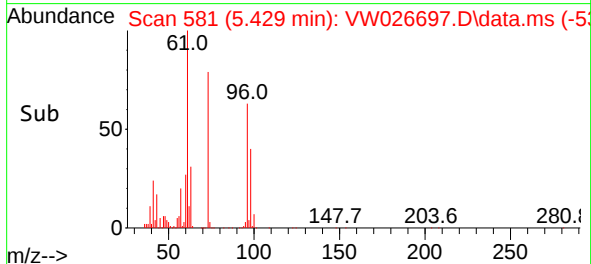
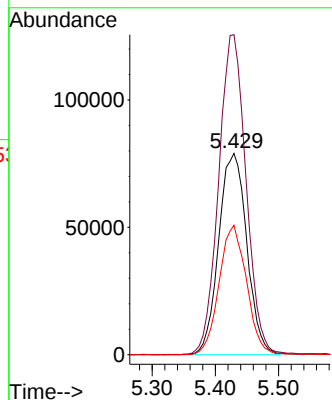
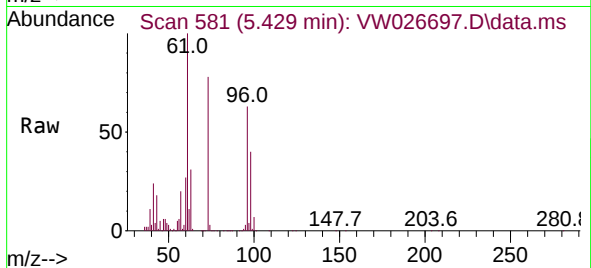
Tgt Ion: 96 Resp: 244410

Ion Ratio Lower Upper

96 100

61 158.9 109.4 203.2

98 64.3 43.6 81.0



#18

Methyl tert-butyl Ether

Concen: 25.005 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

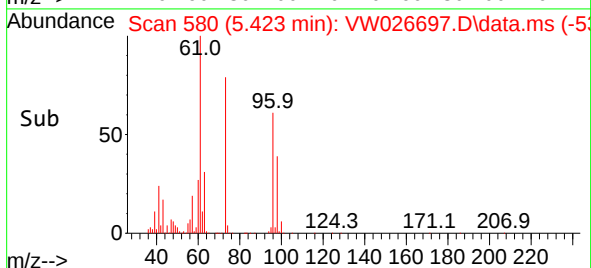
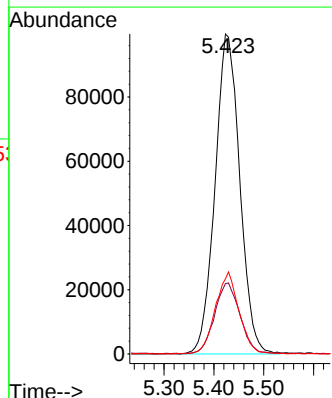
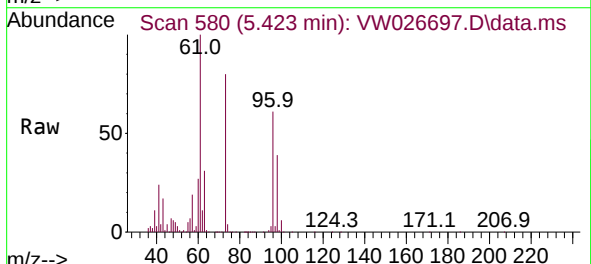
Tgt Ion: 73 Resp: 343326

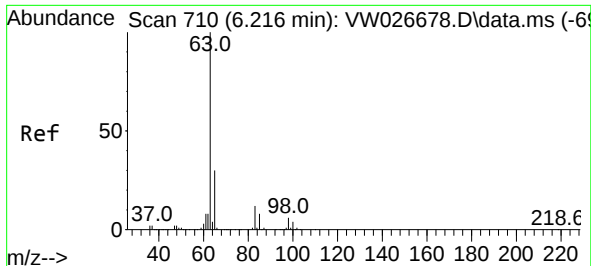
Ion Ratio Lower Upper

73 100

43 23.0 18.0 27.0

57 24.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 26.434 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

Instrument :

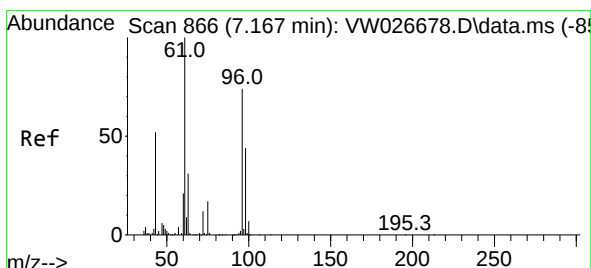
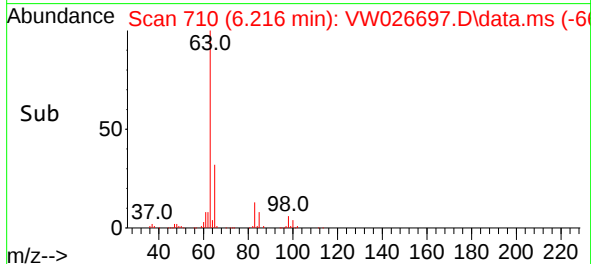
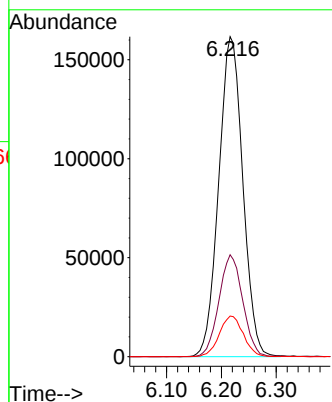
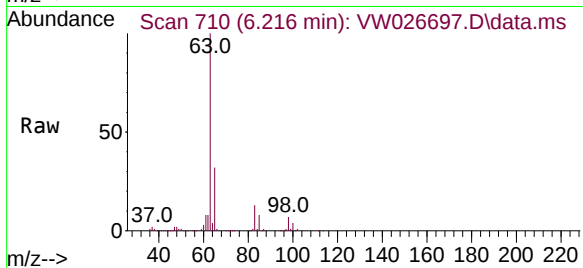
MSVOA_W

ClientSampleId :

VSTD025575

Tgt Ion: 63 Resp: 493702

Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.8	40.6
83	12.7	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 26.339 ug/L

RT: 7.173 min Scan# 867

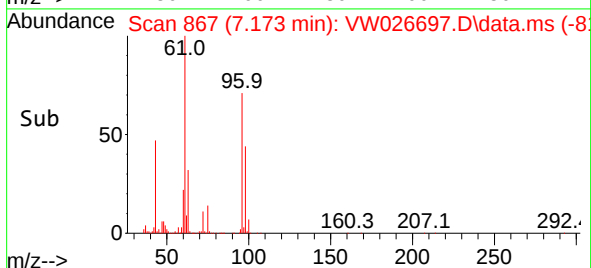
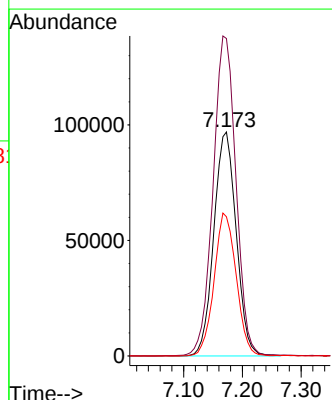
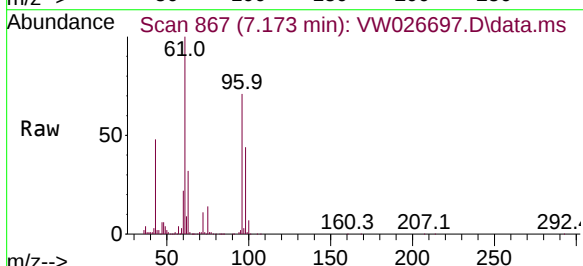
Delta R.T. 0.006 min

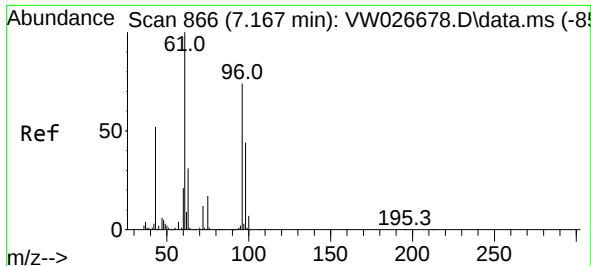
Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

Tgt Ion: 96 Resp: 256904

Ion	Ratio	Lower	Upper
96	100		
61	141.8	101.2	188.0
98	62.2	43.8	81.3

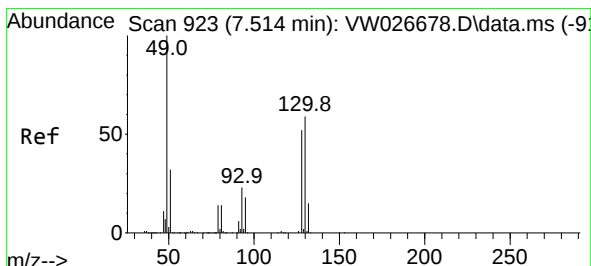
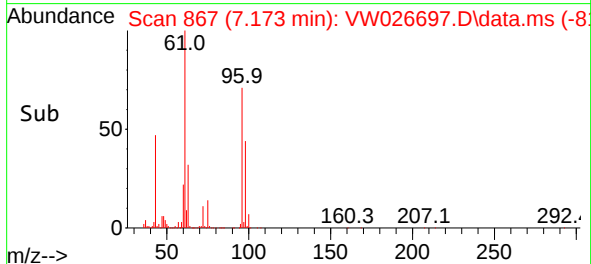
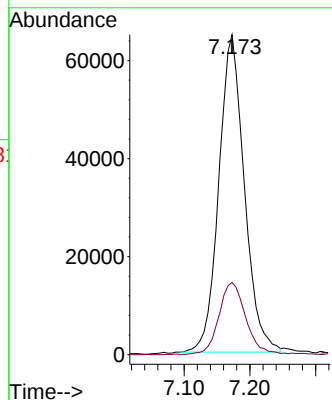
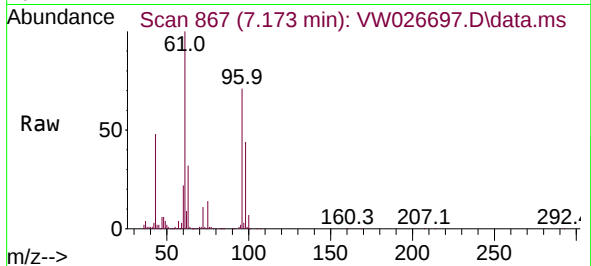




#22
2-Butanone
Concen: 45.883 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

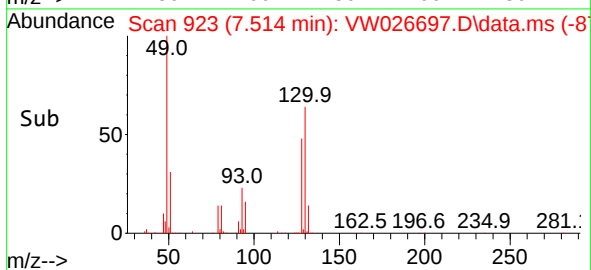
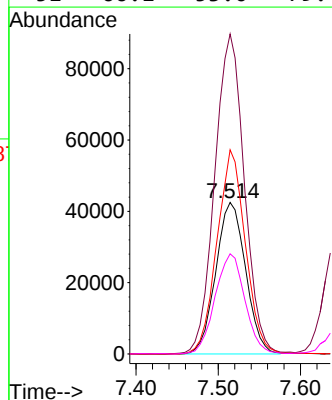
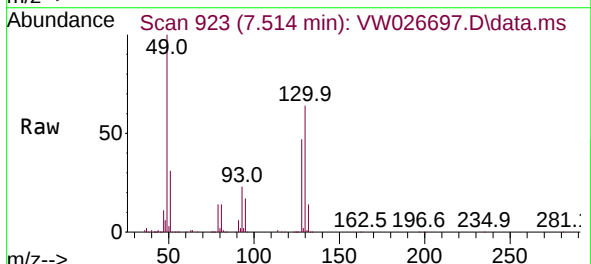
Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

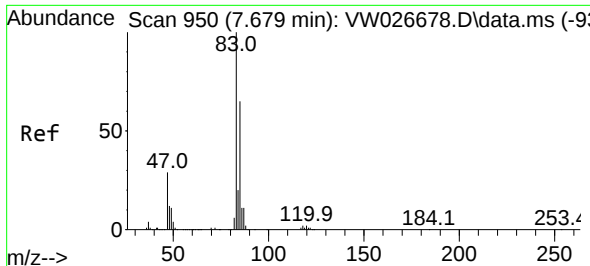
Tgt Ion: 43 Resp: 174770
Ion Ratio Lower Upper
43 100
72 23.7 11.8 35.4



#23
Bromochloromethane
Concen: 25.427 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion: 128 Resp: 107134
Ion Ratio Lower Upper
128 100
49 211.2 143.1 265.7
130 134.7 91.8 170.4
51 66.1 53.0 79.4

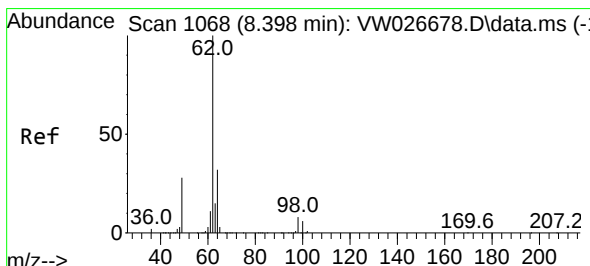
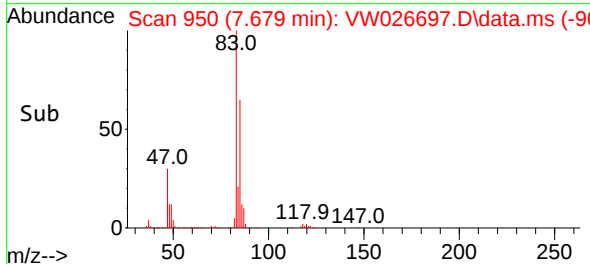
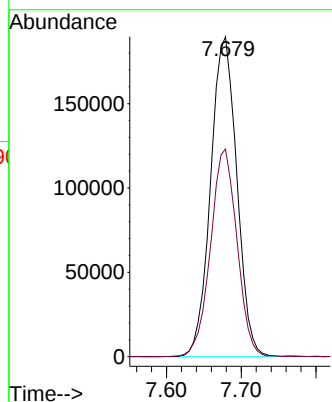
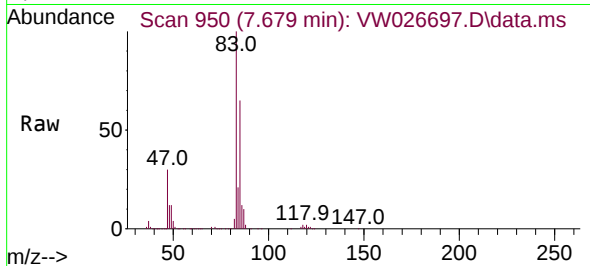




#25
Chloroform
Concen: 25.632 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

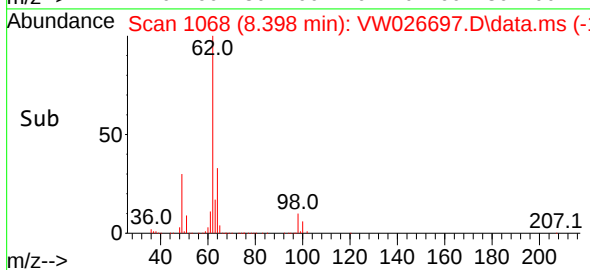
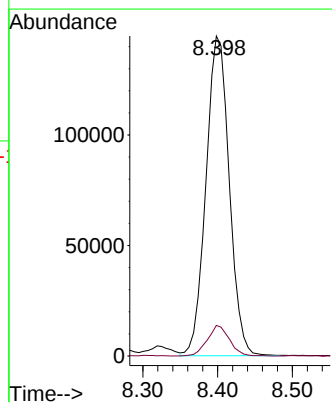
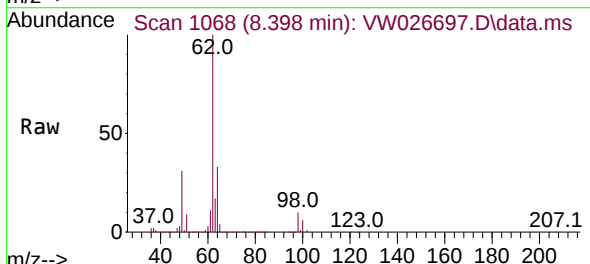
Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

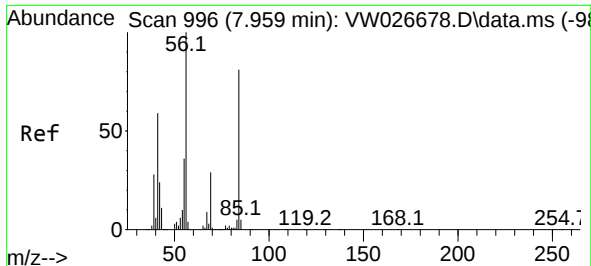
Tgt Ion: 83 Resp: 462478
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.2



#27
1,2-Dichloroethane
Concen: 24.949 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion: 62 Resp: 314040
Ion Ratio Lower Upper
62 100
98 9.6 7.1 10.7

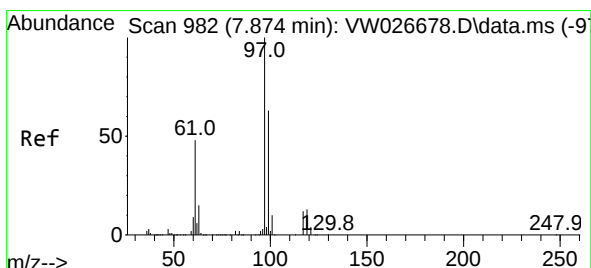
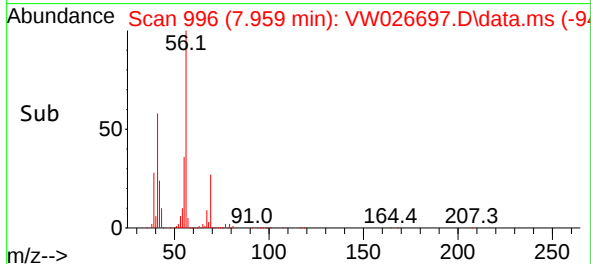
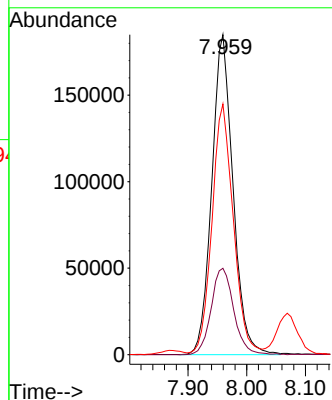
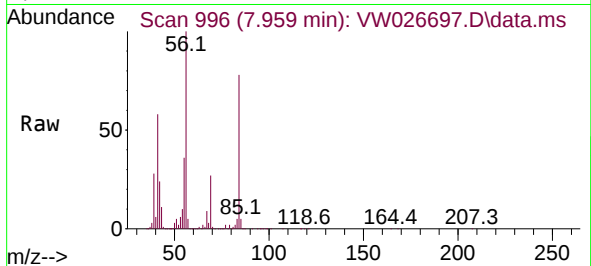




#29
Cyclohexane
Concen: 28.716 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

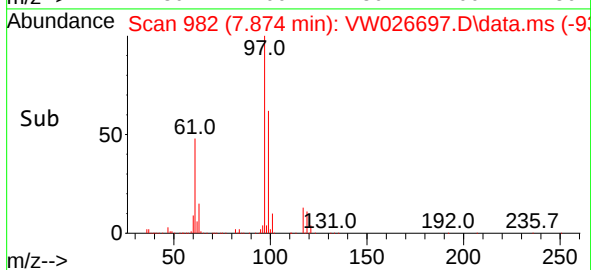
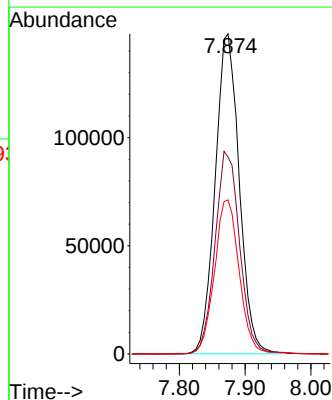
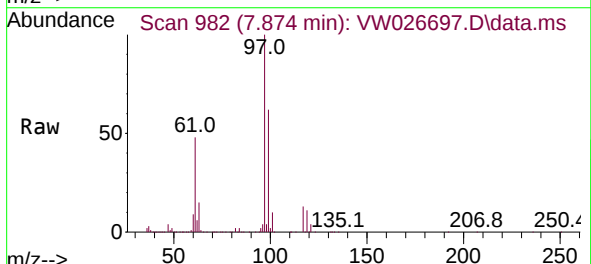
Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

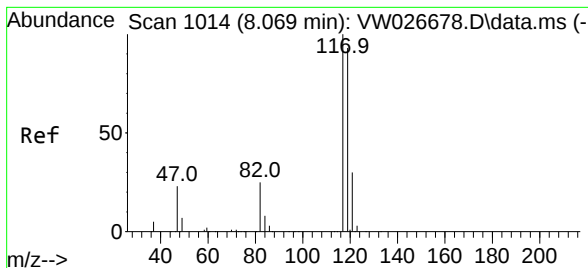
Tgt Ion: 56 Resp: 464381
Ion Ratio Lower Upper
56 100
69 28.6 23.2 34.8
84 78.8 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 27.619 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion: 97 Resp: 376938
Ion Ratio Lower Upper
97 100
99 64.9 51.2 76.8
61 49.2 39.2 58.8

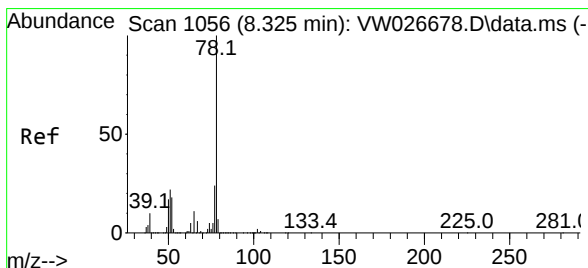
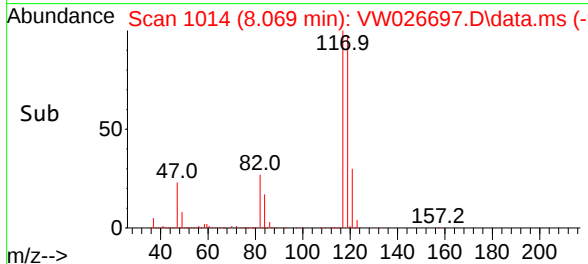
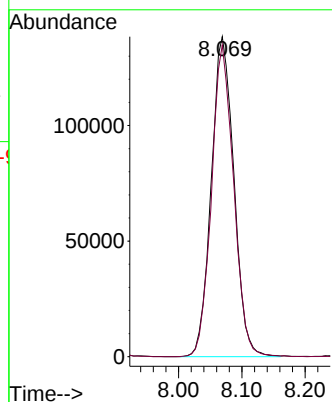
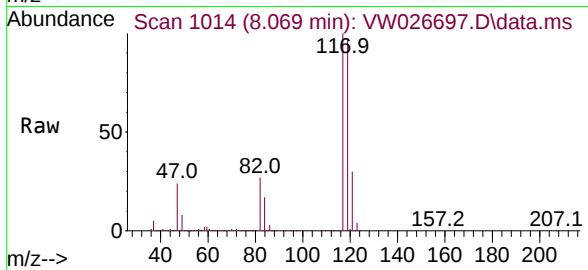




#31
Carbon tetrachloride
Concen: 27.549 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

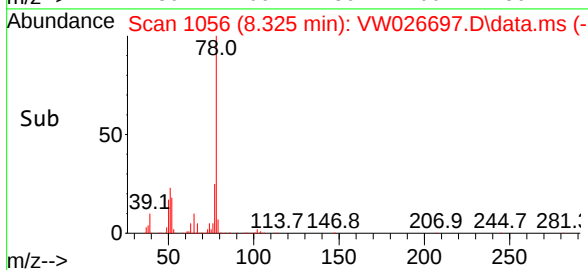
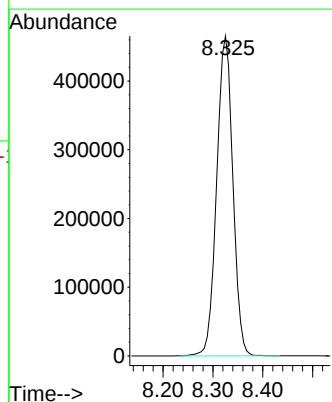
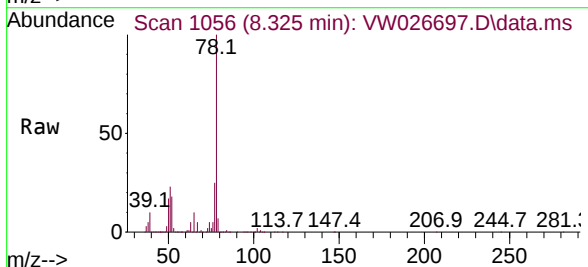
Instrument : MSVOA_W
ClientSampleId : VSTD025575

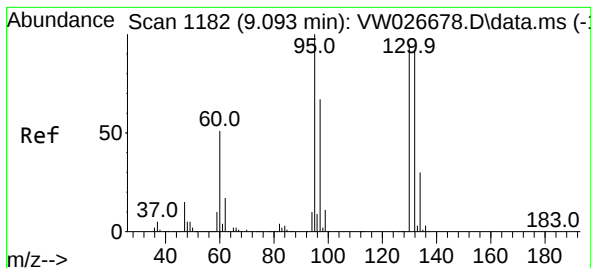
Tgt Ion:117 Resp: 343775
Ion Ratio Lower Upper
117 100
119 95.2 73.0 109.4



#33
Benzene
Concen: 27.515 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion: 78 Resp: 1047813





#34

Trichloroethene

Concen: 27.234 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025575

Tgt Ion: 95 Resp: 264139

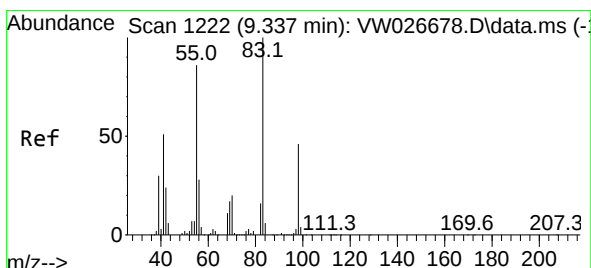
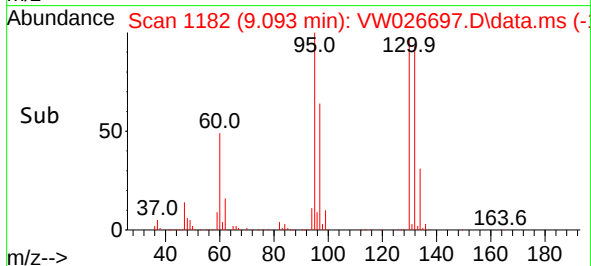
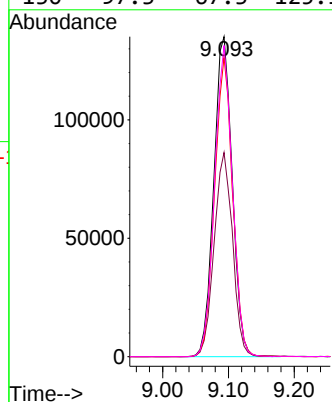
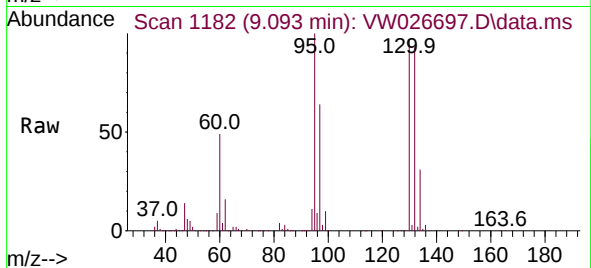
Ion Ratio Lower Upper

95 100

97 63.8 44.6 82.8

132 93.5 66.4 123.2

130 97.3 67.3 125.1



#35

Methylcyclohexane

Concen: 29.029 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

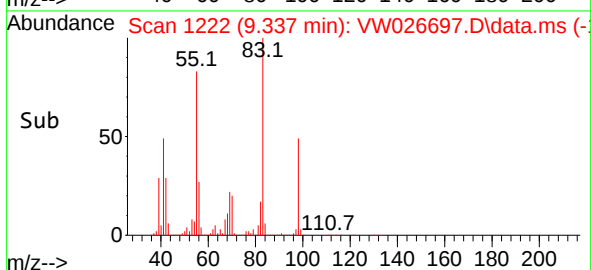
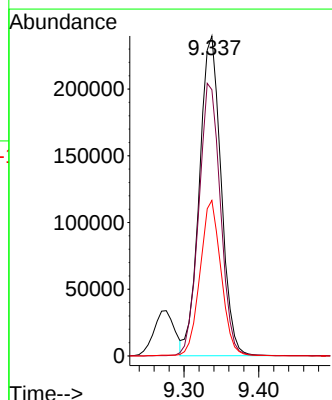
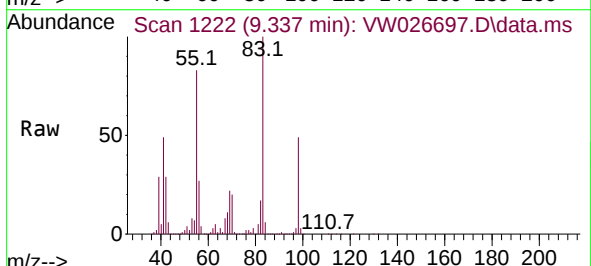
Tgt Ion: 83 Resp: 481654

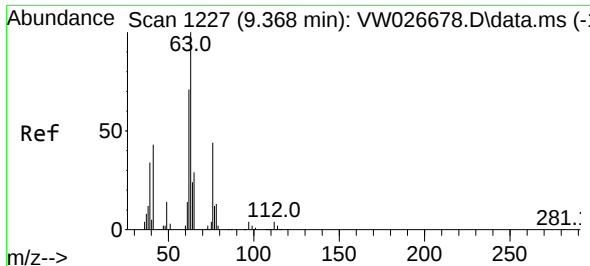
Ion Ratio Lower Upper

83 100

55 85.4 69.3 103.9

98 47.1 37.4 56.0





#37

1,2-Dichloropropane

Concen: 27.109 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

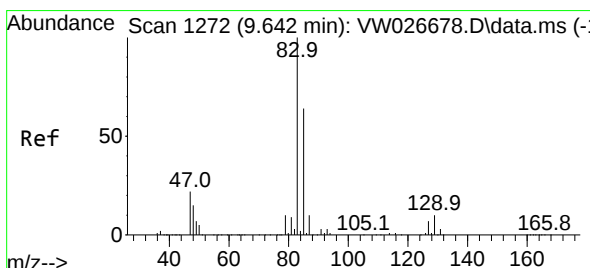
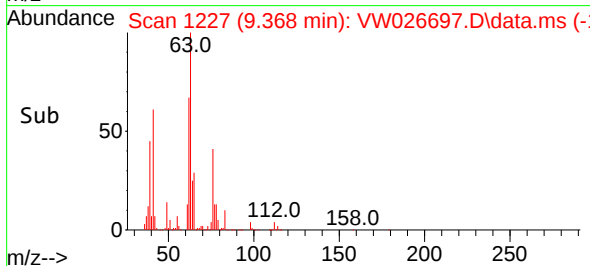
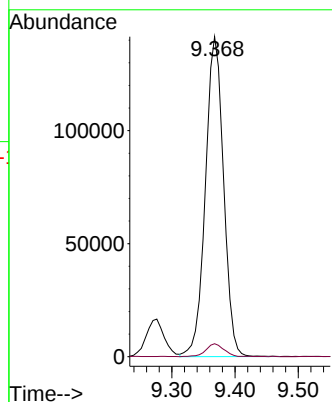
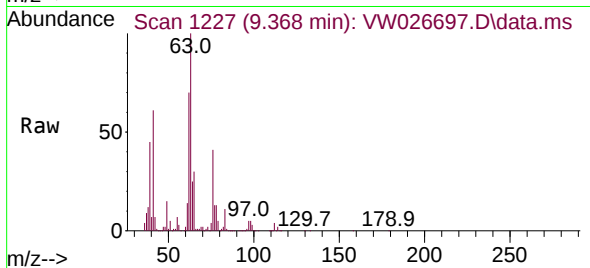
VSTD025575

Tgt Ion: 63 Resp: 282766

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 26.123 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

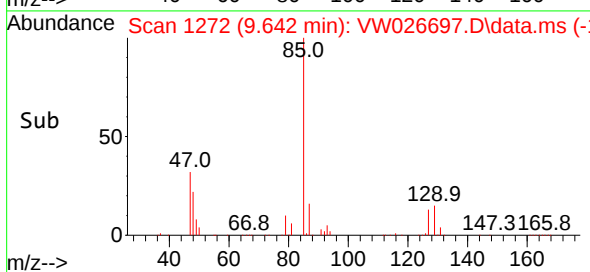
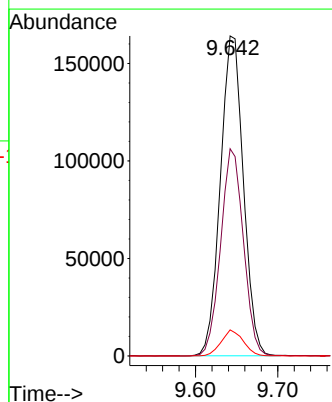
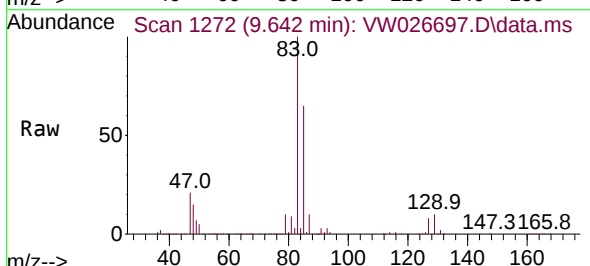
Tgt Ion: 83 Resp: 319652

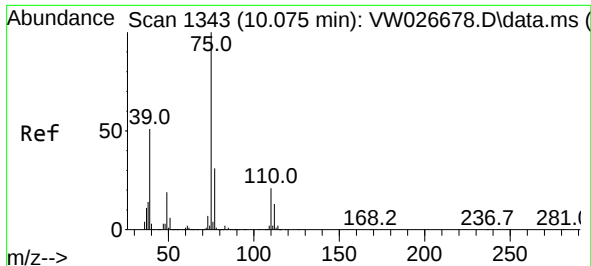
Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2

127 8.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 27.238 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

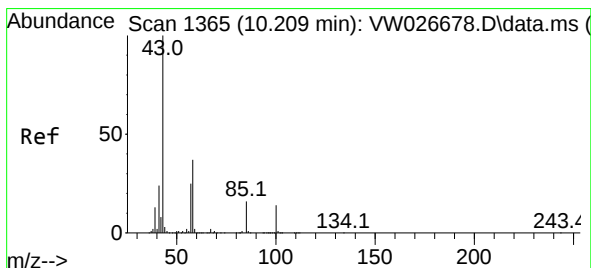
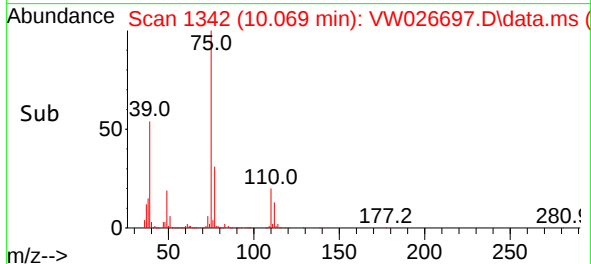
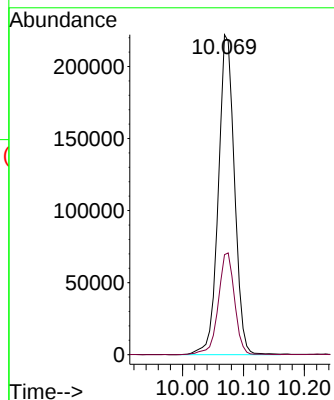
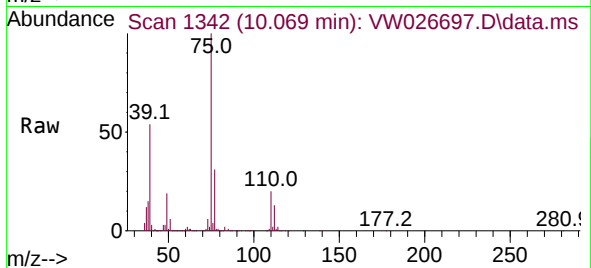
VSTD025575

Tgt Ion: 75 Resp: 408720

Ion Ratio Lower Upper

75 100

77 31.3 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 47.893 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

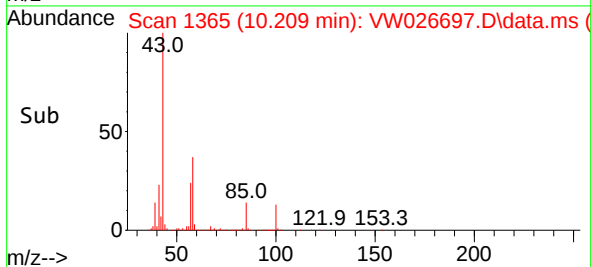
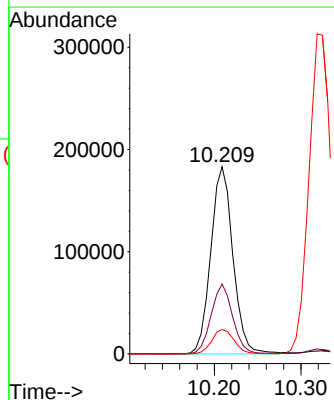
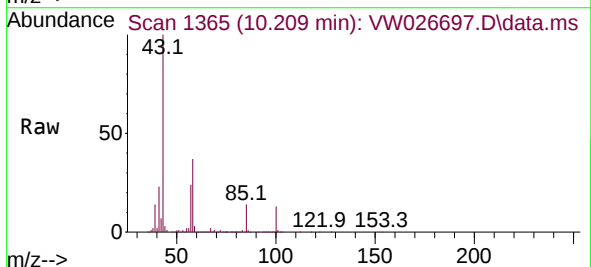
Tgt Ion: 43 Resp: 324949

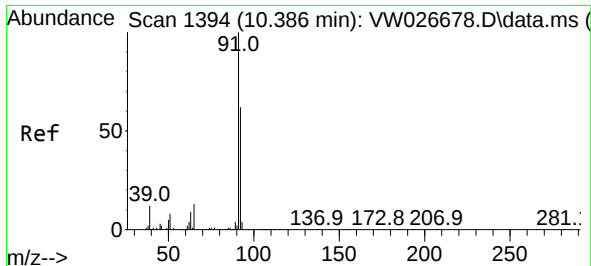
Ion Ratio Lower Upper

43 100

58 36.7 29.2 43.8

100 13.4 10.7 16.1

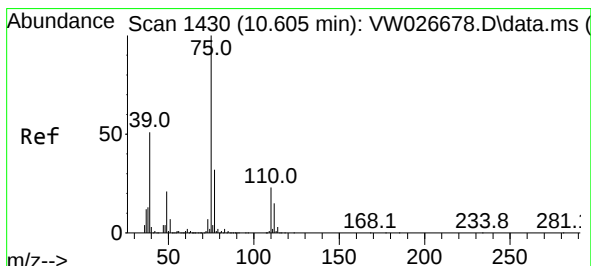
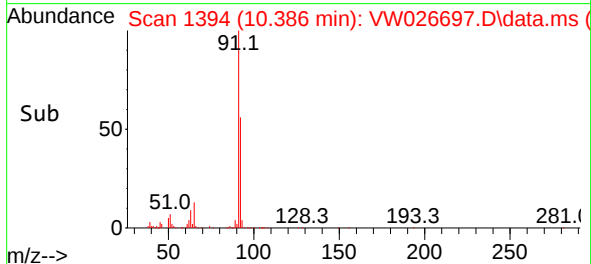
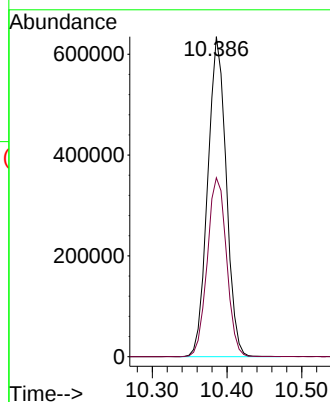
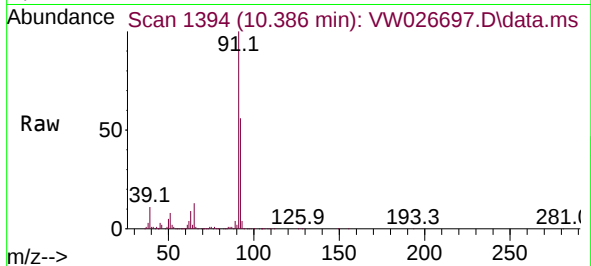




#42
Toluene
Concen: 28.301 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

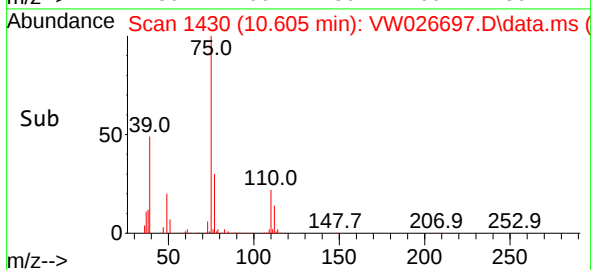
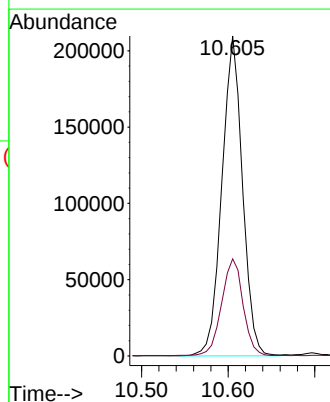
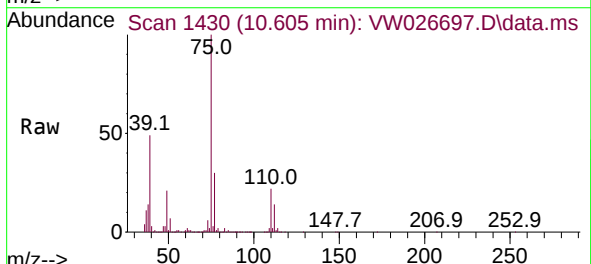
Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

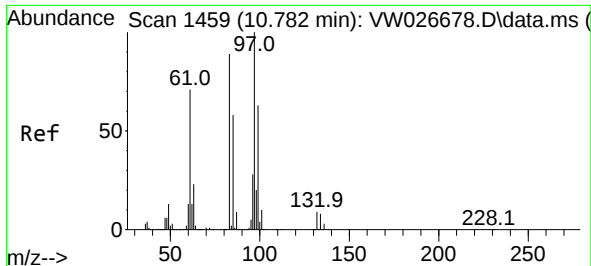
Tgt Ion: 91 Resp: 1090253
Ion Ratio Lower Upper
91 100
92 55.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 26.784 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion: 75 Resp: 345943
Ion Ratio Lower Upper
75 100
77 30.4 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 25.842 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025575

Tgt Ion: 97 Resp: 184353

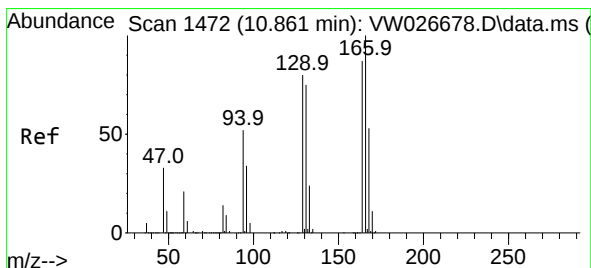
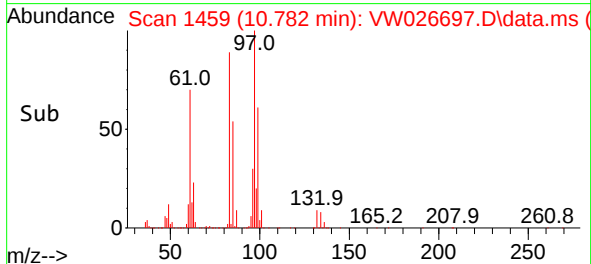
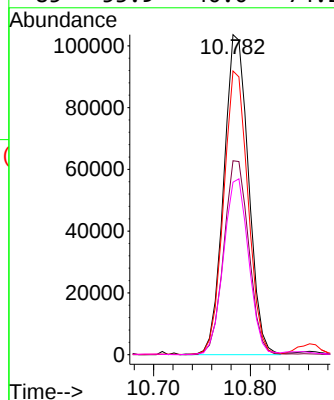
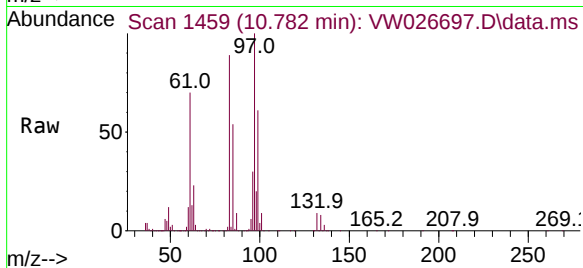
Ion Ratio Lower Upper

97 100

99 60.6 44.2 82.0

83 88.6 61.9 114.9

85 53.9 40.0 74.2



#46

Tetrachloroethene

Concen: 26.939 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

Tgt Ion:164 Resp: 189822

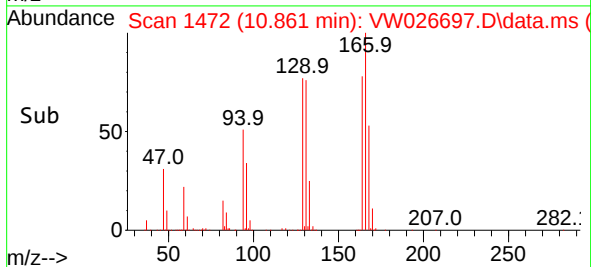
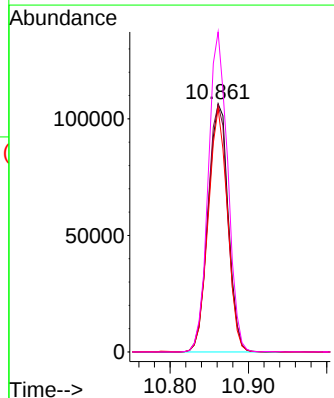
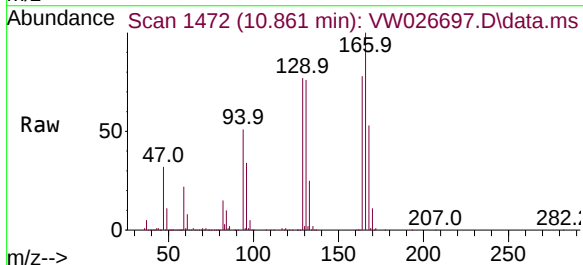
Ion Ratio Lower Upper

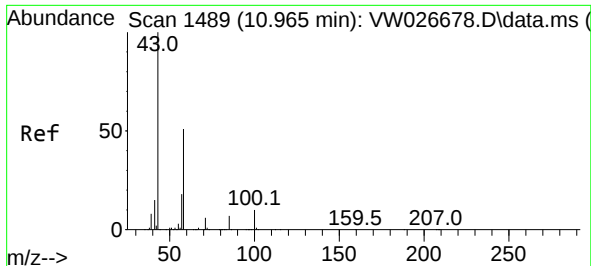
164 100

129 99.7 68.1 126.5

131 98.1 65.5 121.7

166 128.9 89.1 165.5

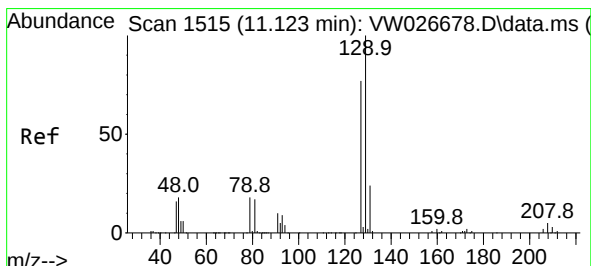
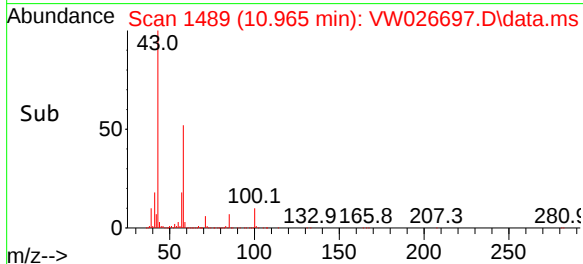
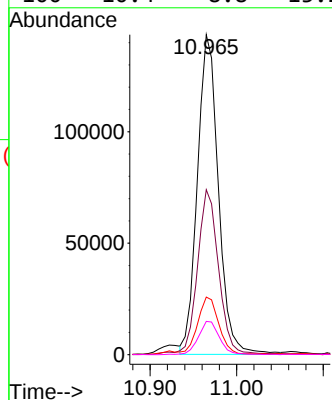
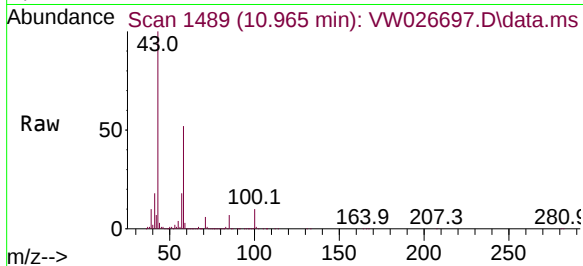




#48
2-Hexanone
Concen: 52.449 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

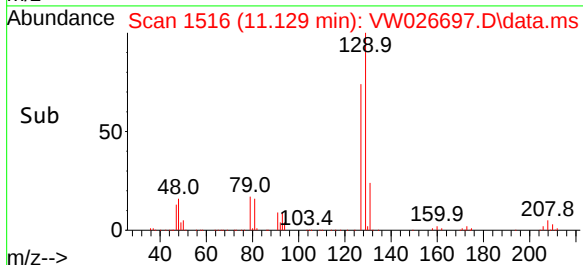
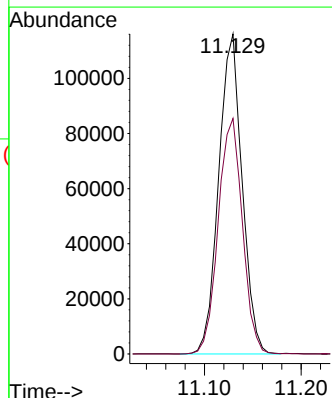
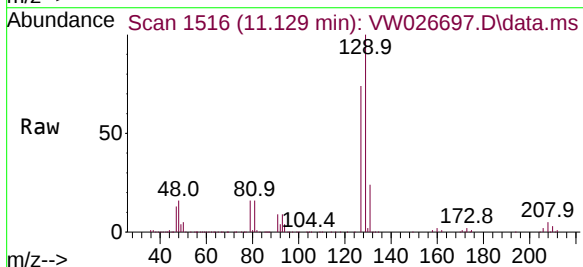
Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

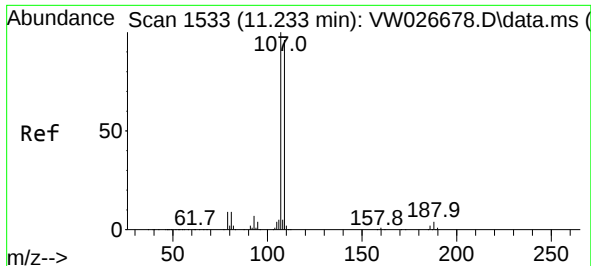
Tgt Ion: 43 Resp: 242147
Ion Ratio Lower Upper
43 100
58 51.5 41.1 61.7
57 18.0 14.3 21.5
100 10.4 8.8 13.2



#49
Dibromochloromethane
Concen: 26.159 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion:129 Resp: 195178
Ion Ratio Lower Upper
129 100
127 73.6 56.6 105.2

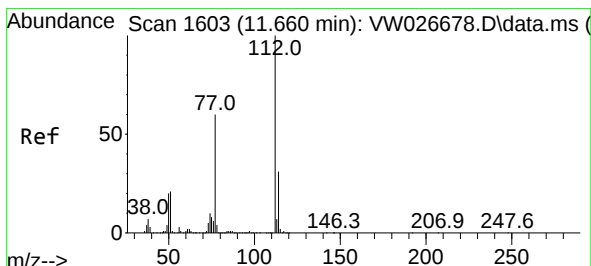
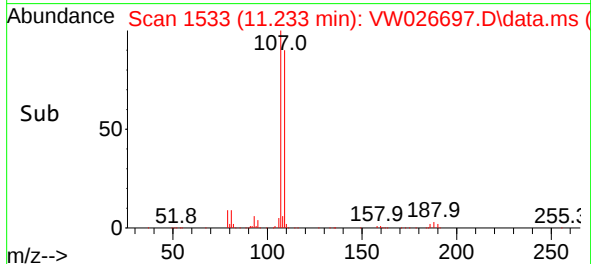
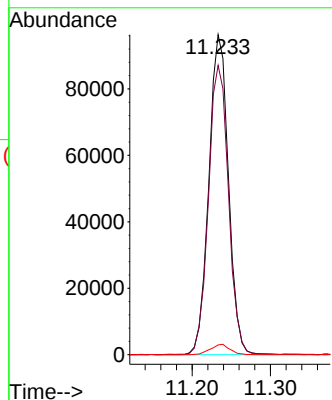
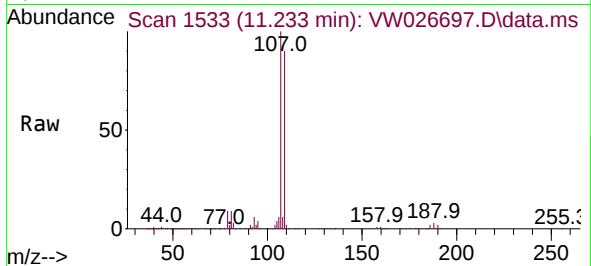




#50
1,2-Dibromoethane
Concen: 24.972 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

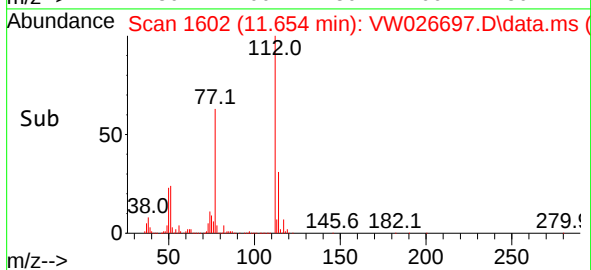
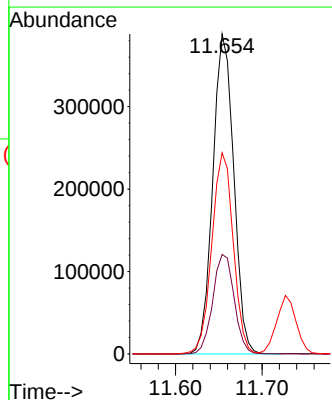
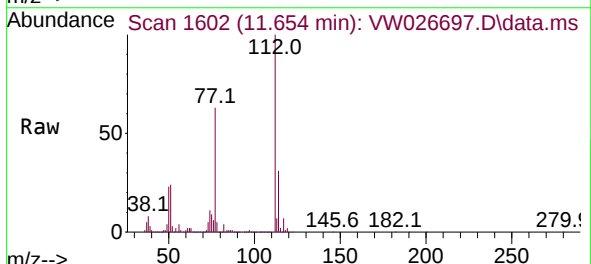
Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

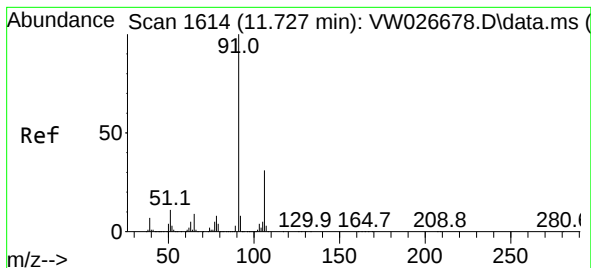
Tgt Ion:107 Resp: 167151
Ion Ratio Lower Upper
107 100
109 90.4 68.8 127.8
188 3.0 2.7 4.1



#51
Chlorobenzene
Concen: 26.793 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion:112 Resp: 651970
Ion Ratio Lower Upper
112 100
114 31.1 22.4 41.6
77 62.9 50.2 75.2

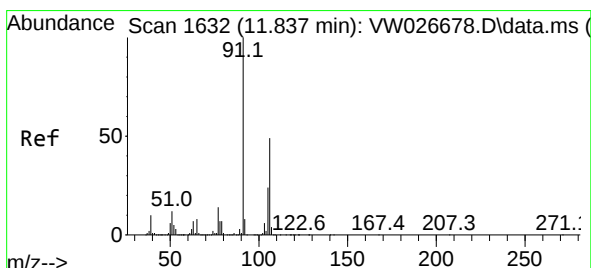
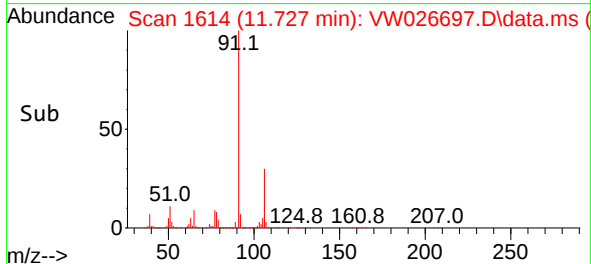
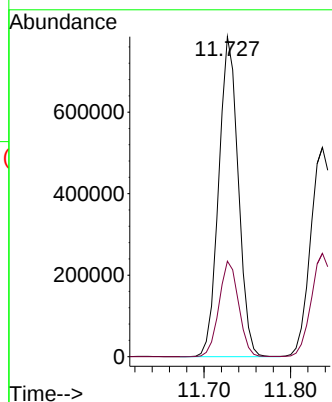
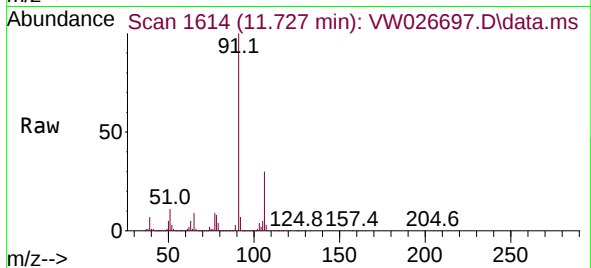




#52
Ethylbenzene
Concen: 28.438 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

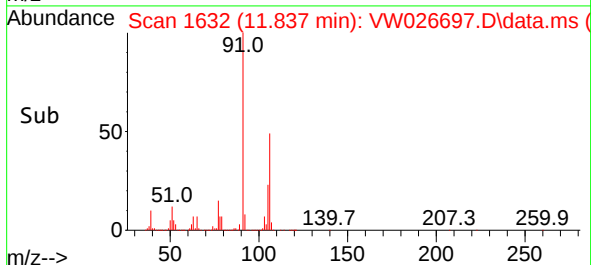
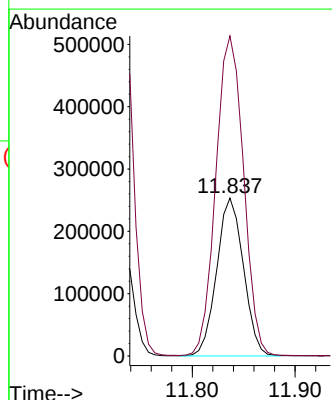
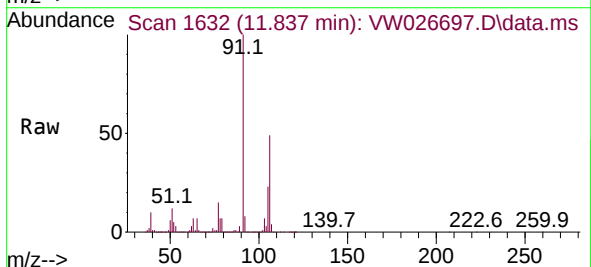
Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

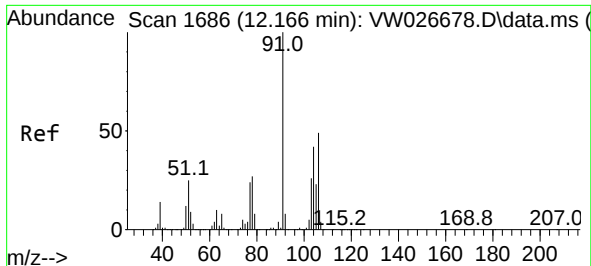
Tgt Ion: 91 Resp: 1228523
Ion Ratio Lower Upper
91 100
106 29.8 20.2 37.6



#53
m,p-Xylene
Concen: 28.636 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion: 106 Resp: 458287
Ion Ratio Lower Upper
106 100
91 202.6 152.9 284.1

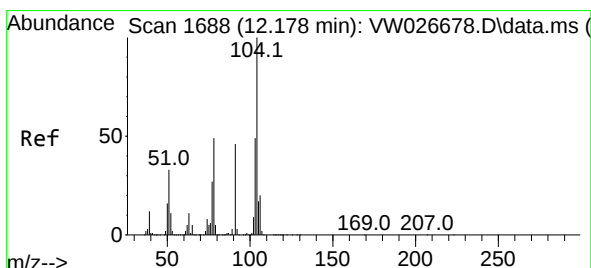
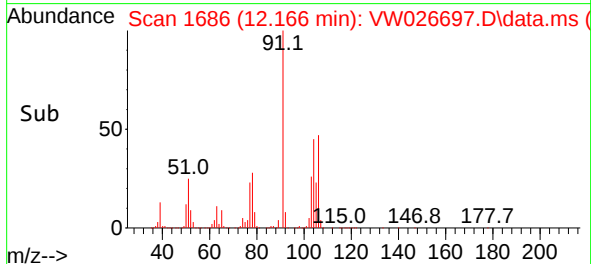
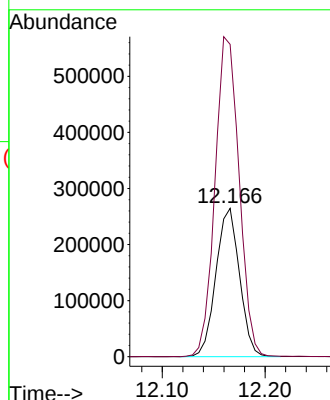
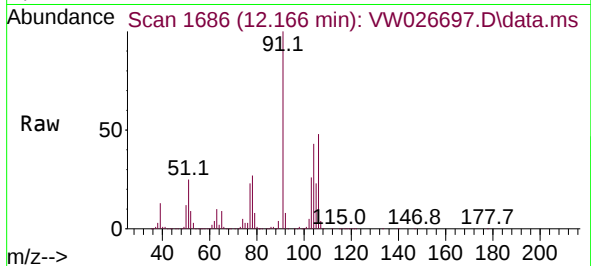




#54
o-Xylene
Concen: 28.173 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

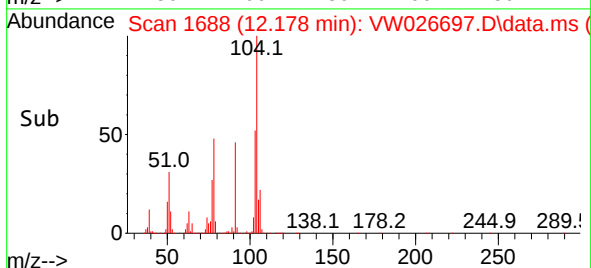
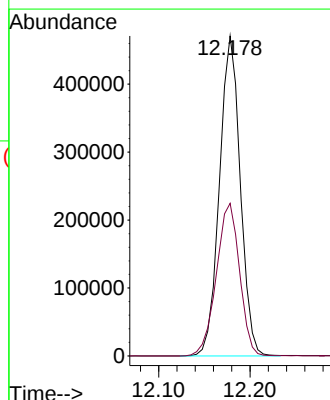
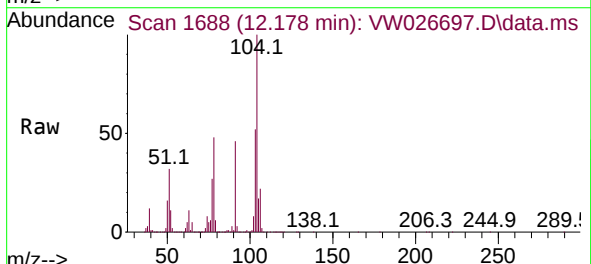
Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

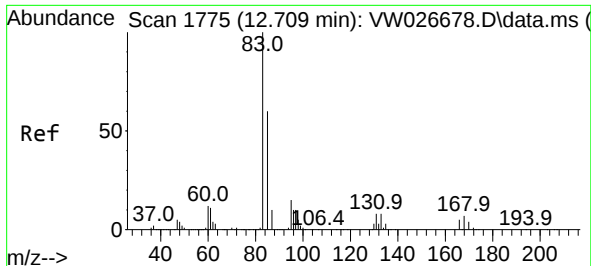
Tgt Ion:106 Resp: 420804
Ion Ratio Lower Upper
106 100
91 210.5 149.9 278.3



#55
Styrene
Concen: 28.744 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion:104 Resp: 746510
Ion Ratio Lower Upper
104 100
78 47.7 33.0 61.2





#57

1,1,2-Tetrachloroethane

Concen: 24.452 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025575

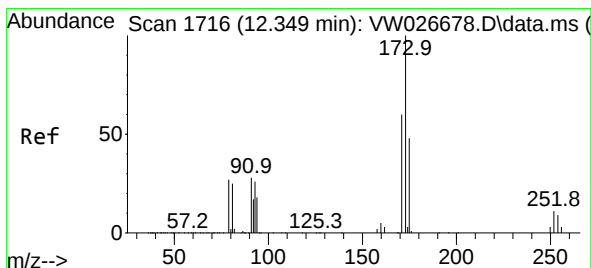
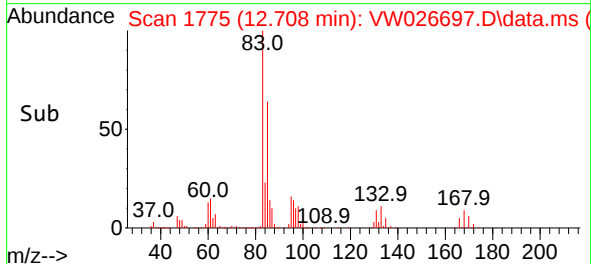
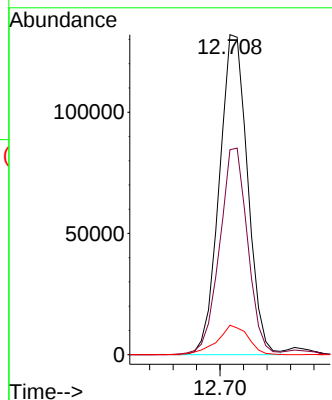
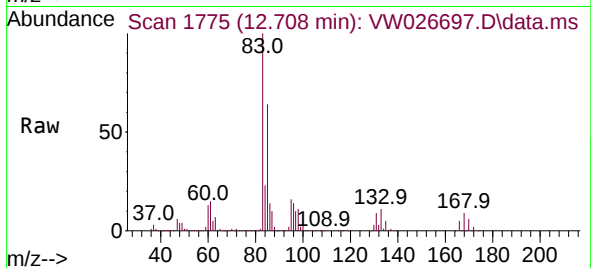
Tgt Ion: 83 Resp: 220912

Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.3

131 9.2 7.4 11.0



#59

Bromoform

Concen: 24.490 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

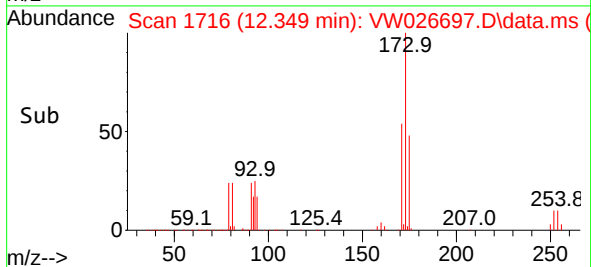
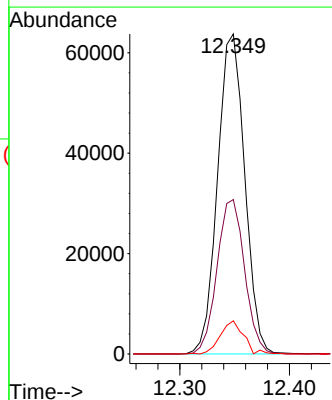
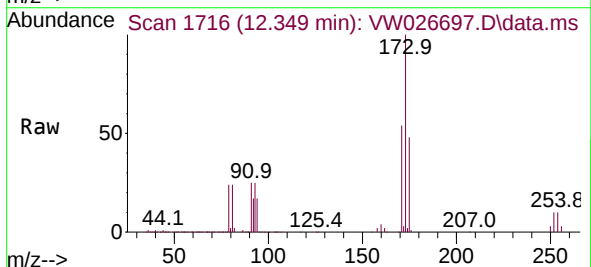
Tgt Ion: 173 Resp: 109850

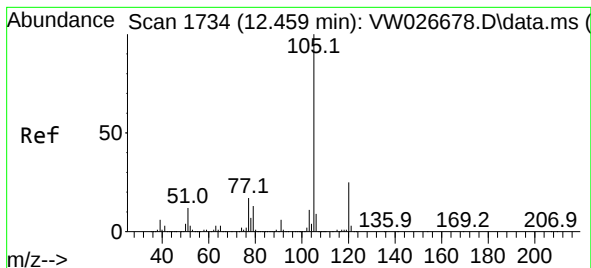
Ion Ratio Lower Upper

173 100

175 49.0 36.6 55.0

254 8.5 7.8 11.6





#60

Isopropylbenzene

Concen: 27.463 ug/L

RT: 12.459 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025575

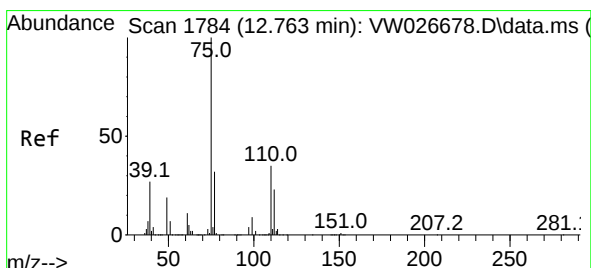
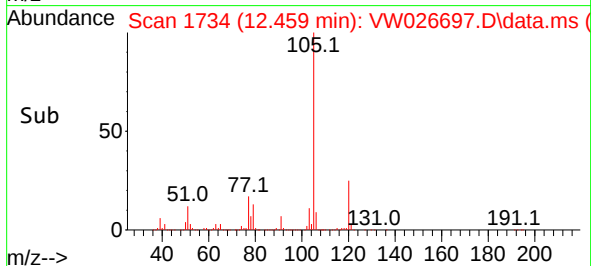
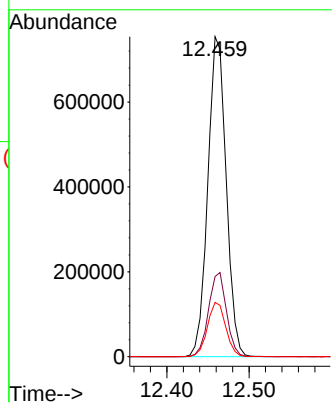
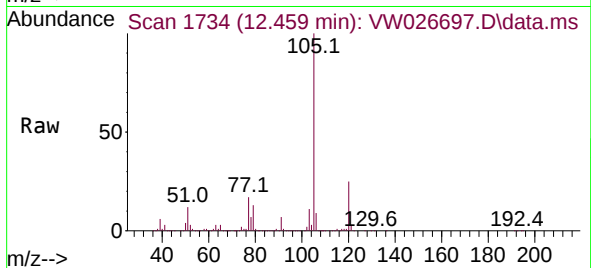
Tgt Ion:105 Resp: 1169153

Ion Ratio Lower Upper

105 100

120 25.7 21.0 31.6

77 16.9 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 23.530 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

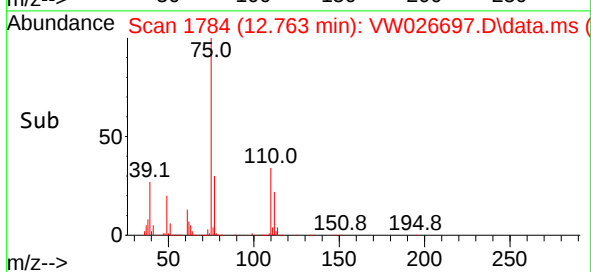
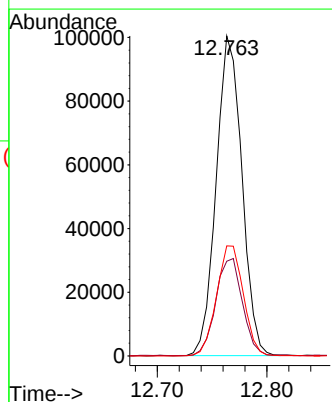
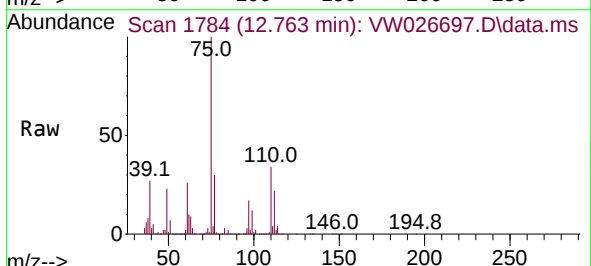
Tgt Ion: 75 Resp: 163433

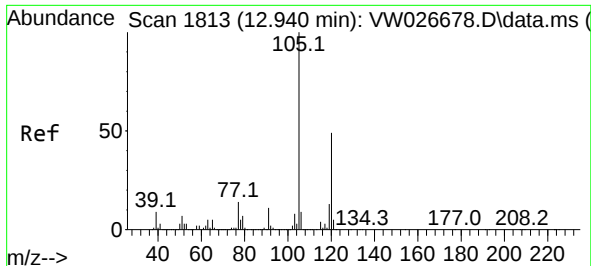
Ion Ratio Lower Upper

75 100

77 31.4 26.1 39.1

110 35.9 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 28.501 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

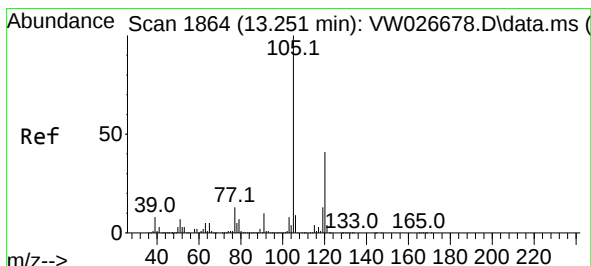
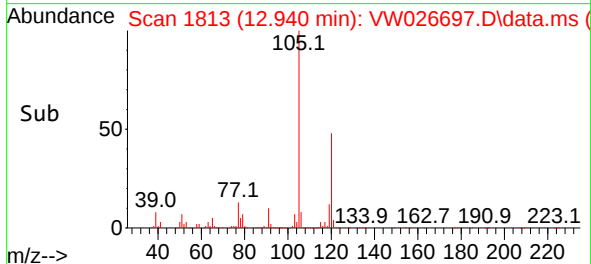
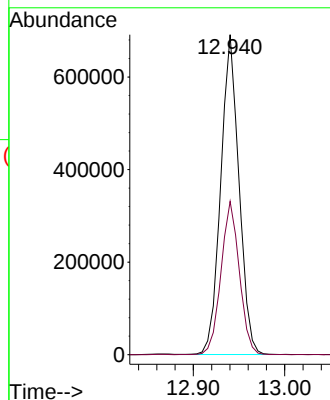
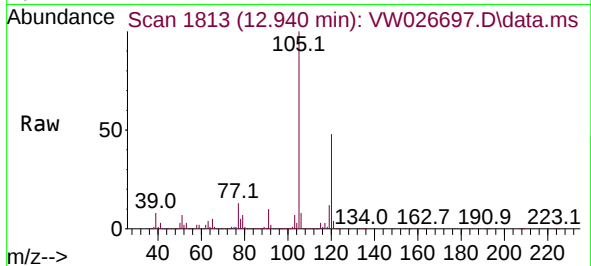
VSTD025575

Tgt Ion:105 Resp: 959036

Ion Ratio Lower Upper

105 100

120 48.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 28.830 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.006 min

Lab File: VW026697.D

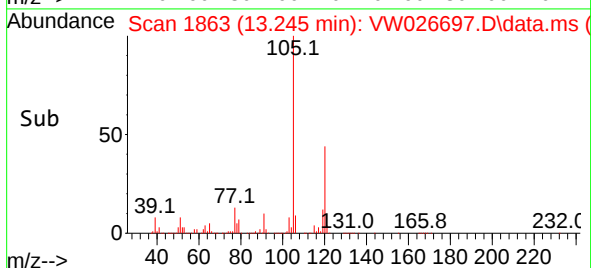
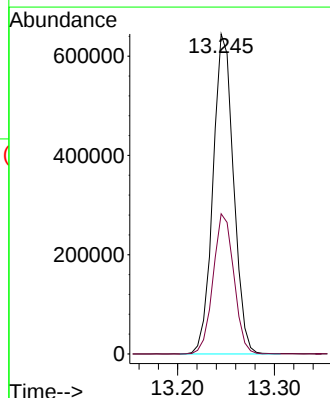
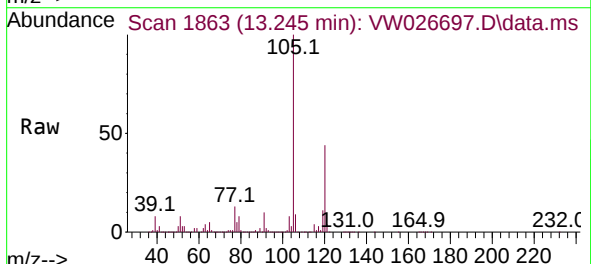
Acq: 11 Aug 2023 08:57

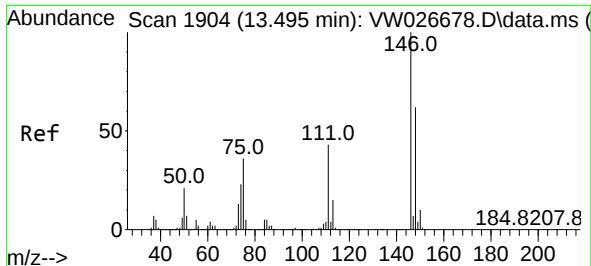
Tgt Ion:105 Resp: 950645

Ion Ratio Lower Upper

105 100

120 44.3 36.2 54.4

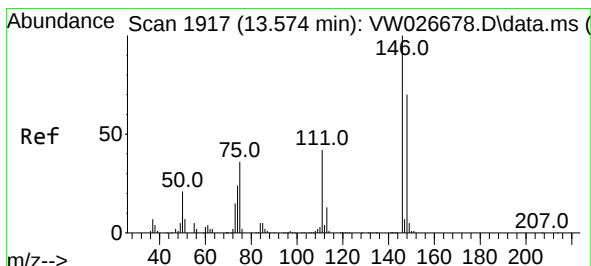
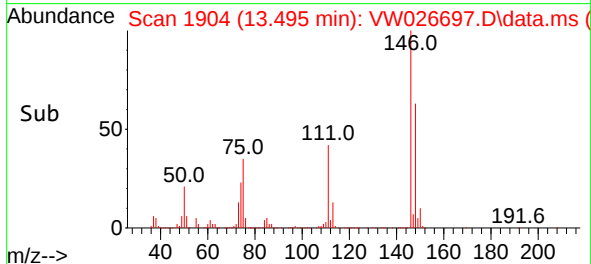
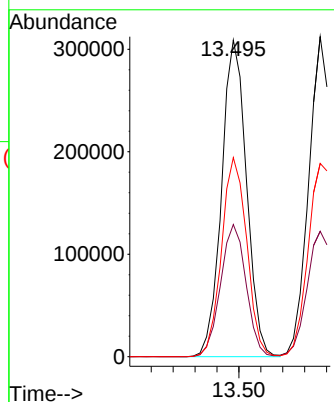
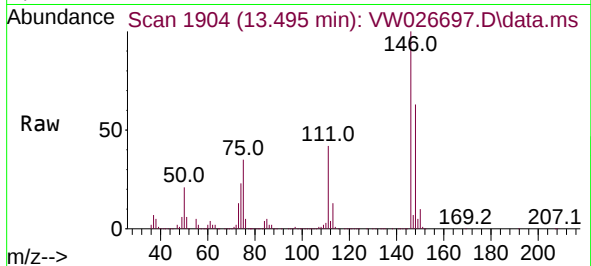




#64
1,3-Dichlorobenzene
Concen: 26.343 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

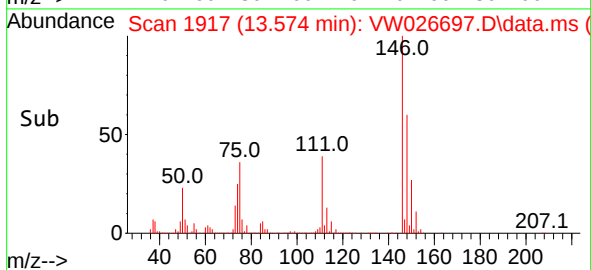
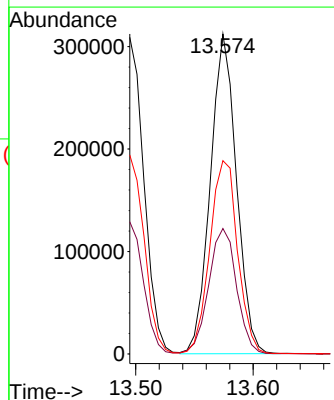
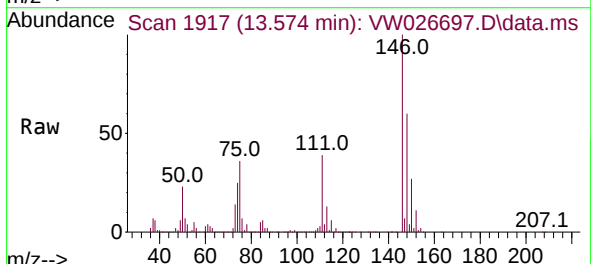
Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

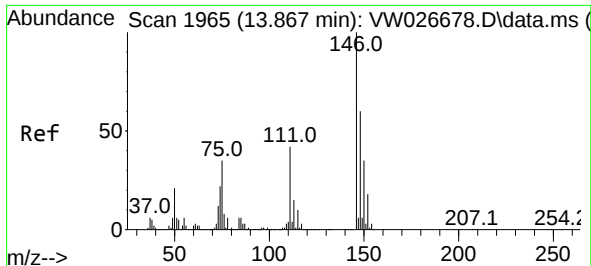
Tgt Ion:146 Resp: 487730
Ion Ratio Lower Upper
146 100
111 41.7 29.1 54.1
148 62.9 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 24.962 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion:146 Resp: 482307
Ion Ratio Lower Upper
146 100
111 39.2 28.3 52.7
148 60.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 25.558 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025575

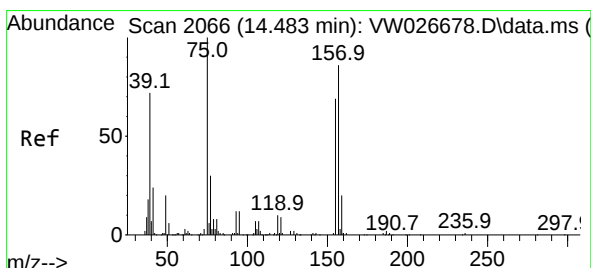
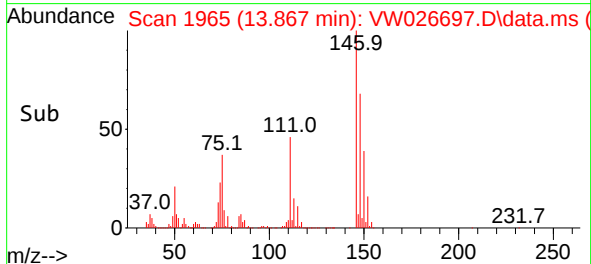
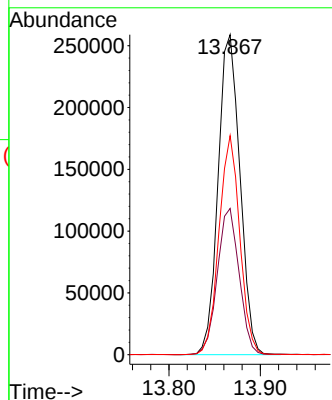
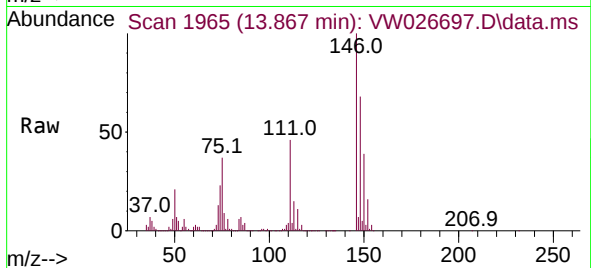
Tgt Ion:146 Resp: 430299

Ion Ratio Lower Upper

146 100

111 45.7 34.6 52.0

148 68.4 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.597 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

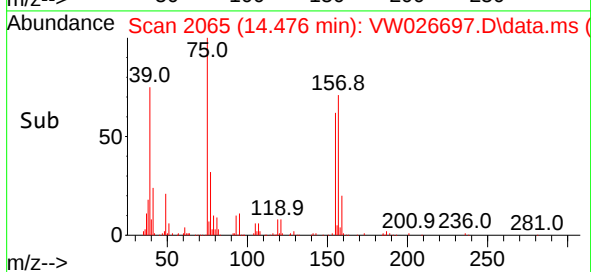
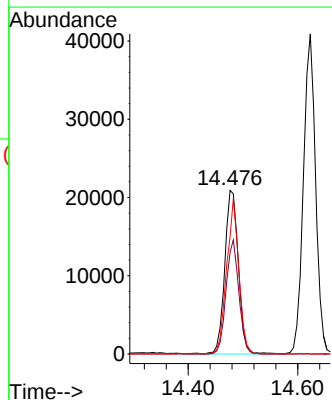
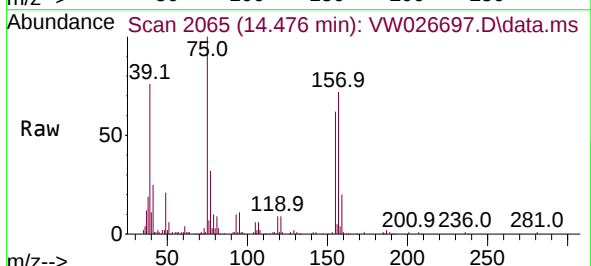
Tgt Ion: 75 Resp: 36163

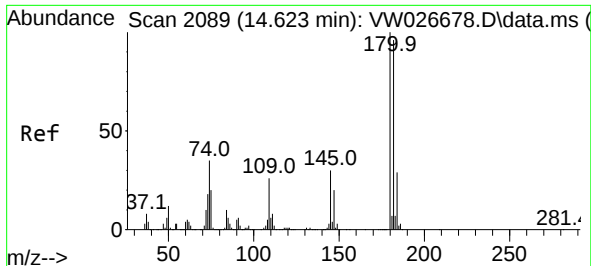
Ion Ratio Lower Upper

75 100

155 62.2 55.0 82.6

157 71.8 77.8 116.6#





#69

1,3,5-Trichlorobenzene

Concen: 24.649 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026697.D

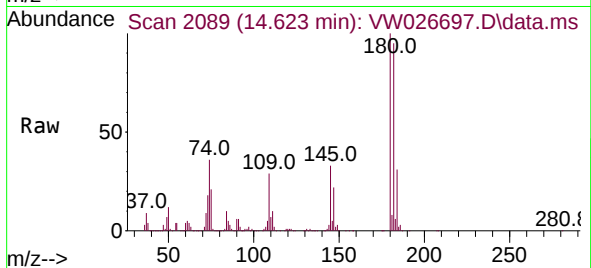
Acq: 11 Aug 2023 08:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025575



Tgt Ion:180 Resp: 308320

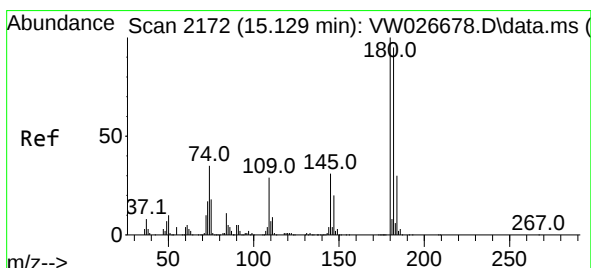
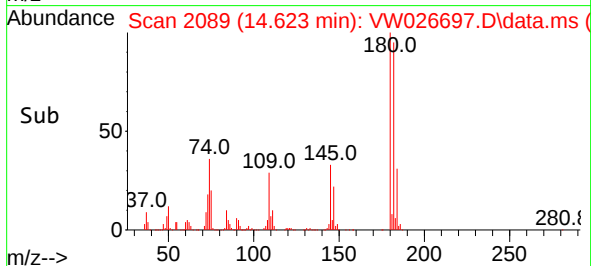
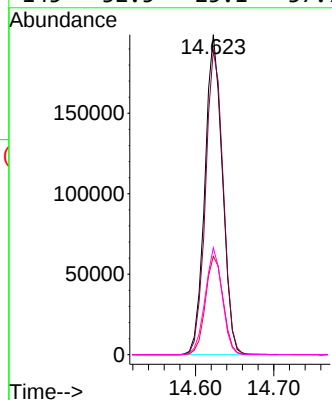
Ion Ratio Lower Upper

180 100

182 95.8 75.2 112.8

184 30.9 23.8 35.8

145 32.5 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 23.285 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026697.D

Acq: 11 Aug 2023 08:57

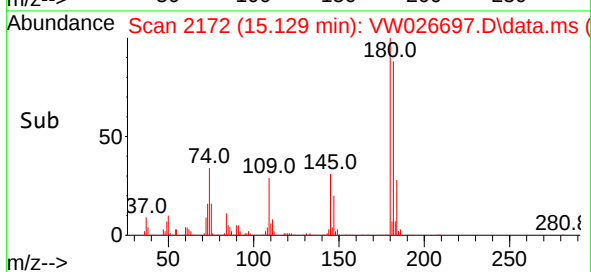
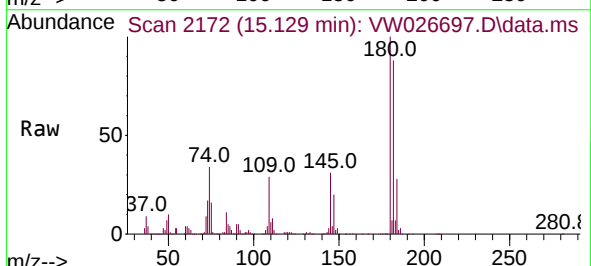
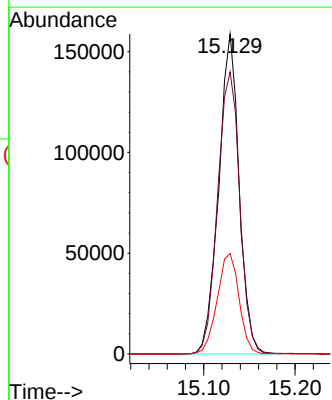
Tgt Ion:180 Resp: 246938

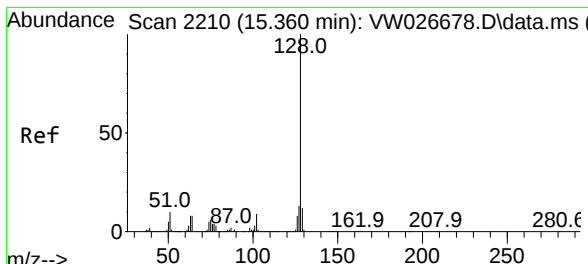
Ion Ratio Lower Upper

180 100

182 95.3 72.5 108.7

145 33.6 24.7 37.1



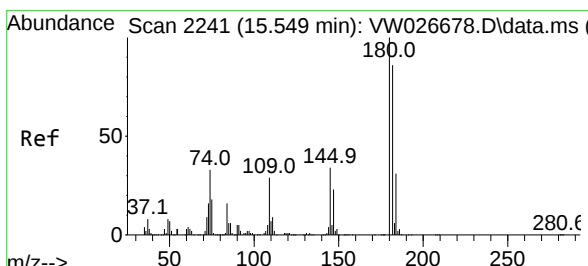
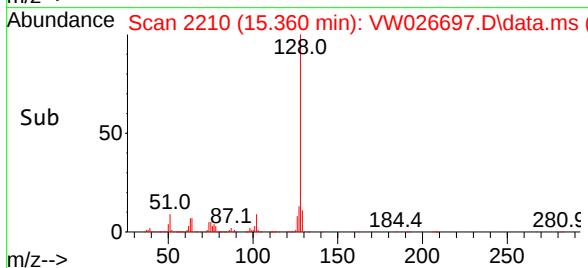
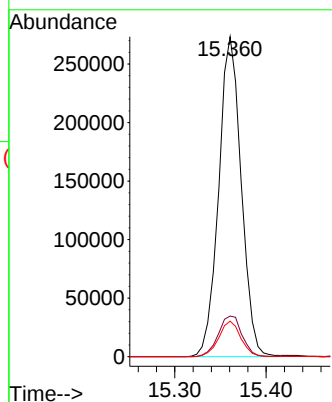
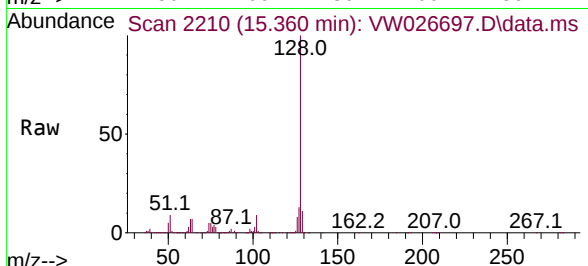


#71
Naphthalene
Concen: 23.148 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

Tgt Ion:128 Resp: 468273

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.9	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 23.475 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026697.D
Acq: 11 Aug 2023 08:57

Tgt Ion:180 Resp: 224546

Ion	Ratio	Lower	Upper
180	100		
182	95.9	74.6	112.0
145	34.7	27.0	40.6

