

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052223\
 Data File : VW026024.D
 Acq On : 22 May 2023 13:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025496

Quant Time: May 23 01:24:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 23 01:22:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	575449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	523695	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	256484	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	159325	19.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.160%
7) Chloroethane-d5	2.893	69	144863	23.962	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.840%
11) 1,1-Dichloroethene-d2	4.021	65	84174	20.614	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.440%
21) 2-Butanone-d5	7.075	46	150624	55.874	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.740%
24) Chloroform-d	7.648	84	428565	25.828	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.320%
26) 1,2-Dichloroethane-d4	8.301	65	231974	24.723	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.880%
32) Benzene-d6	8.270	84	817339	23.885	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.560%
36) 1,2-Dichloropropane-d6	9.270	67	270204	24.679	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.720%
41) Toluene-d8	10.319	98	692431	22.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.760%
43) trans-1,3-Dichloroprop...	10.575	79	101431	22.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.400%
47) 2-Hexanone-d5	10.922	63	108109	57.907	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	233256	27.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	229911	24.590	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	150832	23.461	ug/L #	81
3) Chloromethane	2.222	50	237938	25.101	ug/L	99
5) Vinyl chloride	2.375	62	250304	25.511	ug/L	98
6) Bromomethane	2.783	94	138632	25.978	ug/L	94
8) Chloroethane	2.930	64	155204	27.819	ug/L	100
9) Trichlorofluoromethane	3.265	101	145120	19.599	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	217485	27.007	ug/L #	69
12) 1,1-Dichloroethene	4.051	96	194966	25.333	ug/L	87
13) Acetone	4.125	43	91491	38.275	ug/L	99
14) Carbon disulfide	4.393	76	603165	23.175	ug/L	99
15) Methyl Acetate	4.667	43	123560	26.231	ug/L	99
16) Methylene chloride	4.917	84	235516	19.845	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	216907	25.835	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	333604	26.180	ug/L	99
19) 1,1-Dichloroethane	6.210	63	467729	27.115	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	242553	26.928	ug/L	98
22) 2-Butanone	7.167	43	152595	46.232	ug/L	98
23) Bromochloromethane	7.508	128	103535	27.132	ug/L	95
25) Chloroform	7.673	83	447444	28.223	ug/L	98

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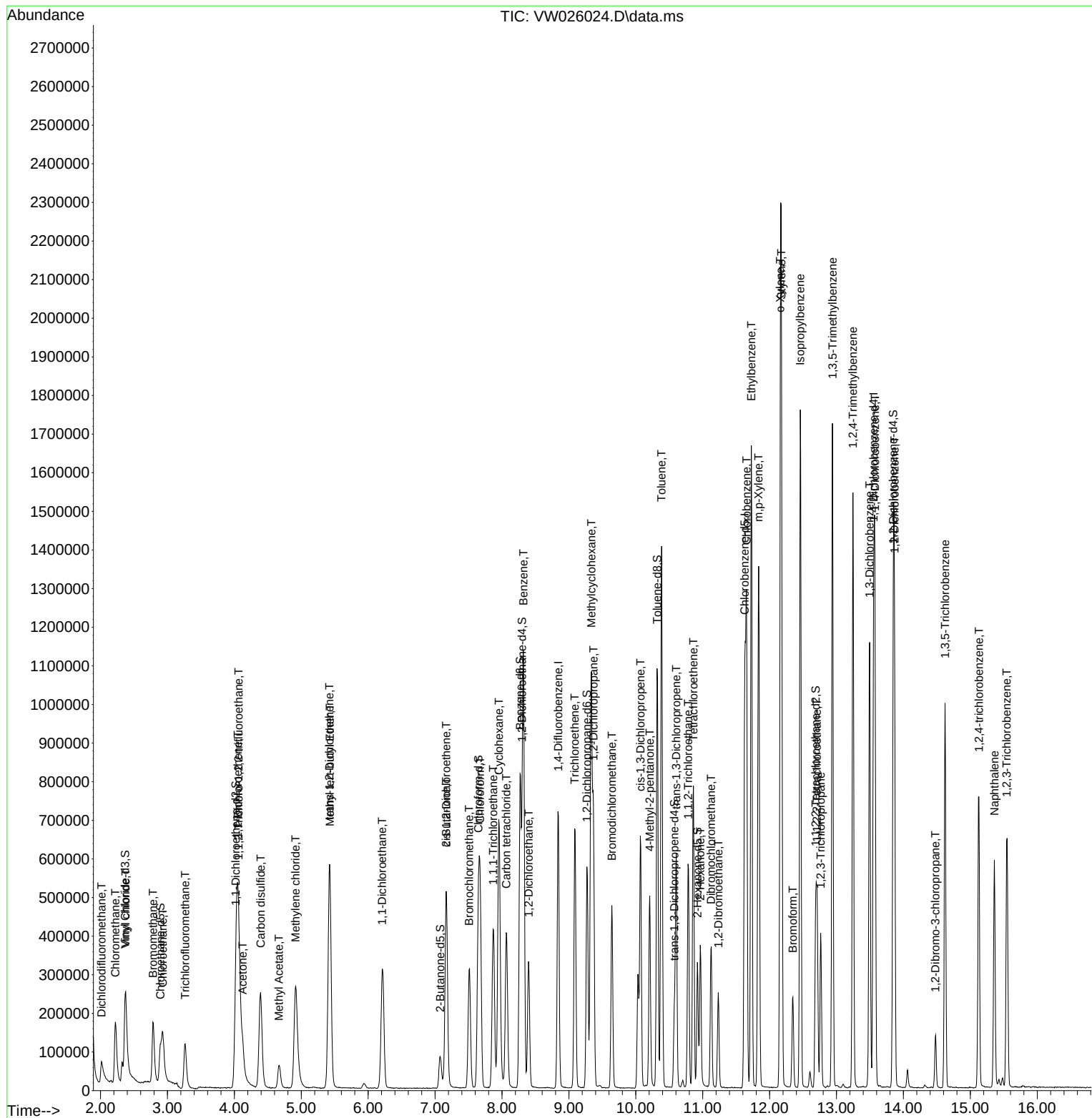
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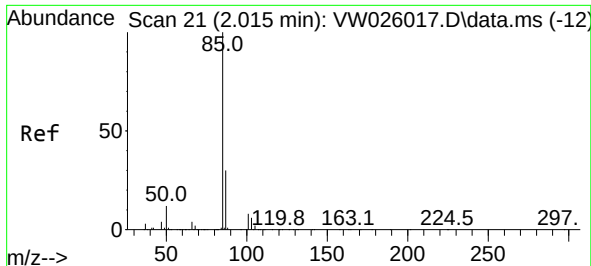
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	296190	26.306	ug/L	99
29) Cyclohexane	7.953	56	403067	24.836	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	338764	26.450	ug/L	99
31) Carbon tetrachloride	8.063	117	303923	26.369	ug/L	100
33) Benzene	8.319	78	965462	26.647	ug/L	100
34) Trichloroethene	9.087	95	239906	25.804	ug/L	96
35) Methylcyclohexane	9.337	83	414148	25.045	ug/L	99
37) 1,2-Dichloropropane	9.367	63	266513	26.848	ug/L	99
38) Bromodichloromethane	9.642	83	311041	27.312	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	377138	25.907	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	348444	53.928	ug/L	99
42) Toluene	10.386	91	985392	26.617	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	319851	26.517	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	179078	26.969	ug/L	96
46) Tetrachloroethene	10.861	164	164545	25.157	ug/L	96
48) 2-Hexanone	10.965	43	239510	51.743	ug/L	99
49) Dibromochloromethane	11.123	129	186799	27.173	ug/L	100
50) 1,2-Dibromoethane	11.233	107	160981	26.298	ug/L	98
51) Chlorobenzene	11.654	112	610401	26.615	ug/L	100
52) Ethylbenzene	11.727	91	1120114	26.897	ug/L	98
53) m,p-Xylene	11.837	106	407045	26.557	ug/L	95
54) o-Xylene	12.160	106	389185	26.940	ug/L	97
55) Styrene	12.178	104	686866	27.779	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	225351	27.198	ug/L	97
59) Bromoform	12.349	173	103987	27.372	ug/L	99
60) Isopropylbenzene	12.458	105	1083755	27.798	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	161975	26.721	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	864546	27.998	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	784318	27.524	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	441081	26.281	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	444590	26.220	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	407751	27.242	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	35215	25.053	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	285522	25.629	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	227063	24.329	ug/L	99
71) Naphthalene	15.360	128	463345	26.303	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	210133	25.375	ug/L	99

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

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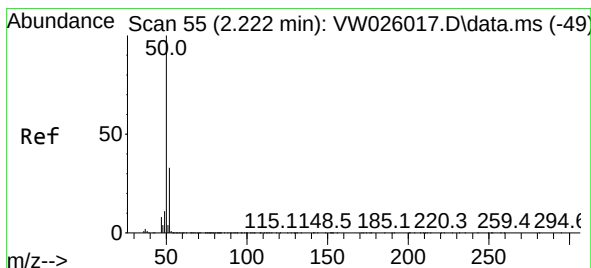
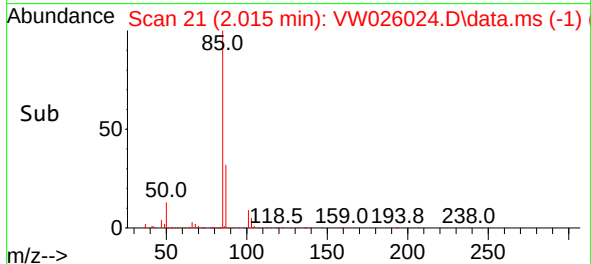
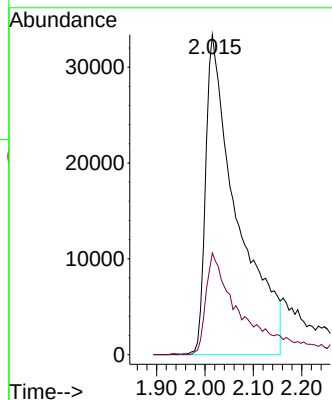
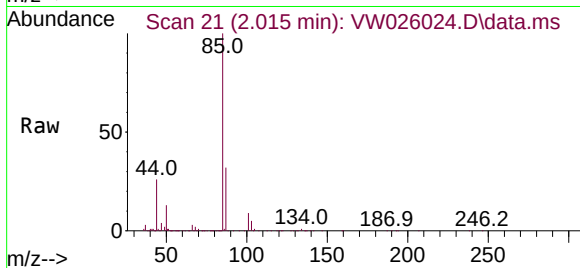




#2
Dichlorodifluoromethane
Concen: 23.461 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

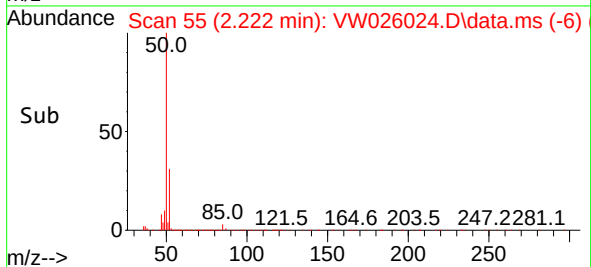
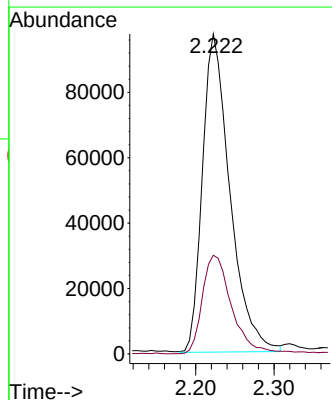
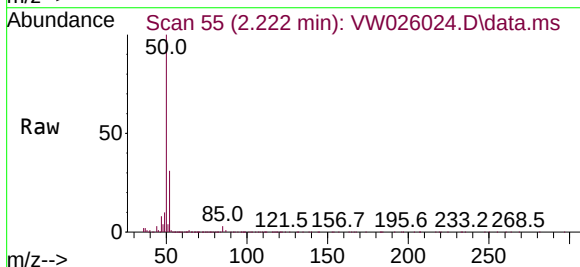
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

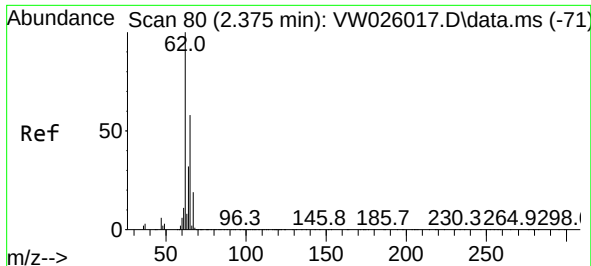
Tgt Ion: 85 Resp: 150832
Ion Ratio Lower Upper
85 100
87 20.4 24.7 37.1#



#3
Chloromethane
Concen: 25.101 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion: 50 Resp: 237938
Ion Ratio Lower Upper
50 100
52 30.9 22.1 41.1

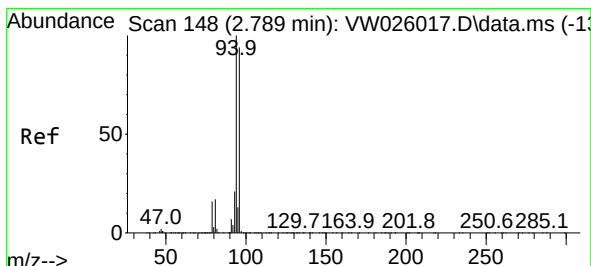
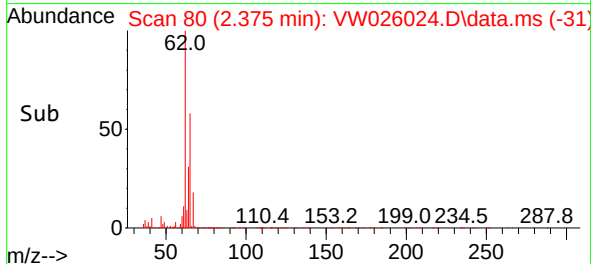
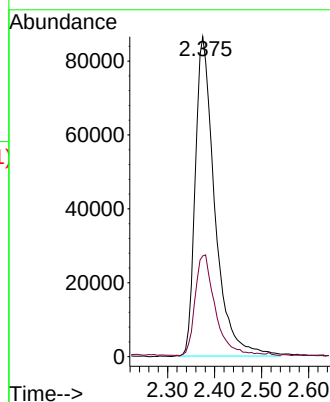
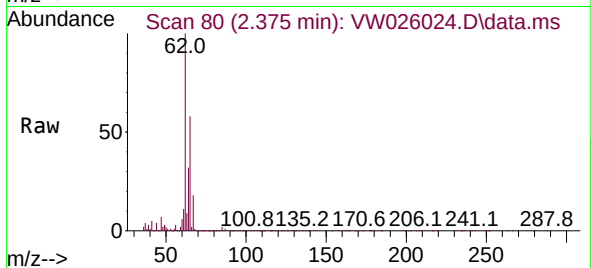




#5
 Vinyl chloride
 Concen: 25.511 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026024.D
 Acq: 22 May 2023 13:56

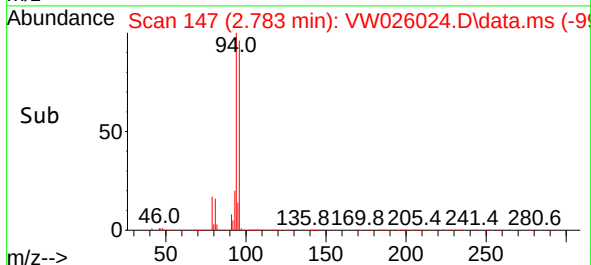
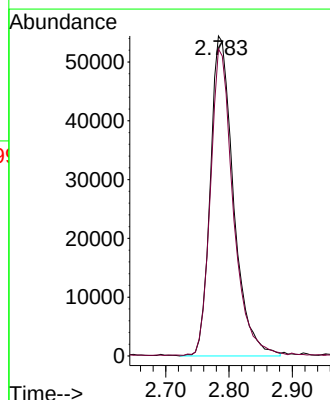
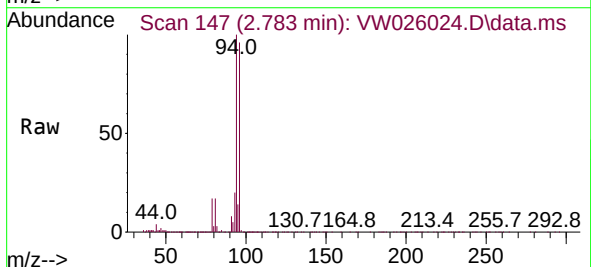
Instrument :
 MSVOA_W
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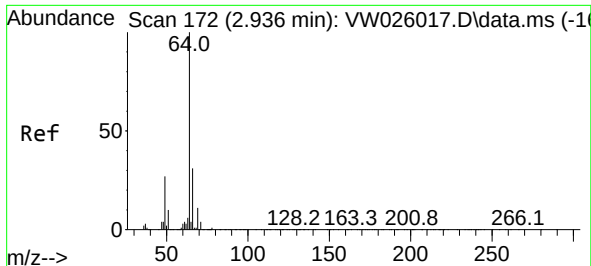
Tgt Ion: 62 Resp: 250304
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.7 42.3



#6
 Bromomethane
 Concen: 25.978 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026024.D
 Acq: 22 May 2023 13:56

Tgt Ion: 94 Resp: 138632
 Ion Ratio Lower Upper
 94 100
 96 96.0 63.1 117.1

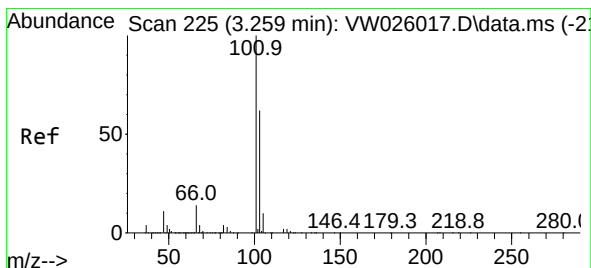
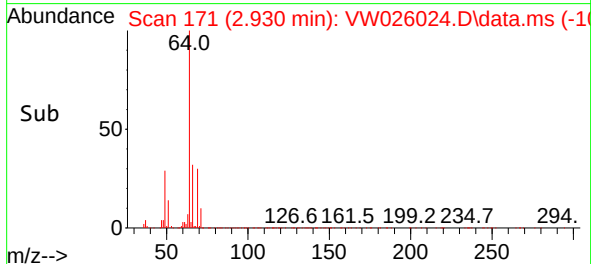
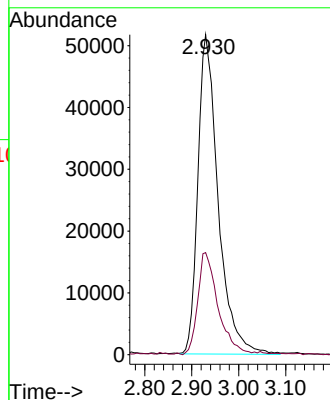
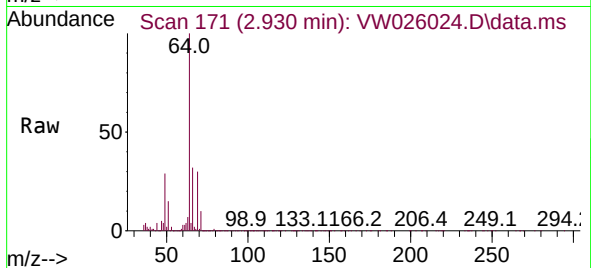




#8
Chloroethane
Concen: 27.819 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

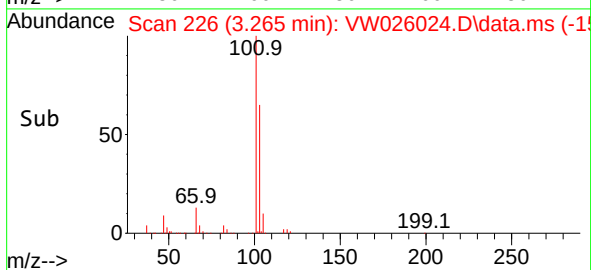
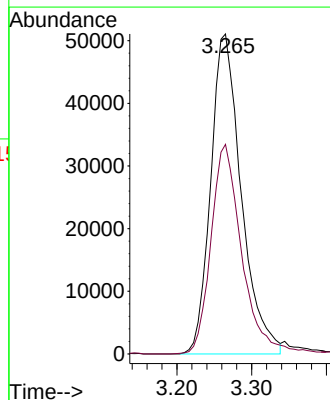
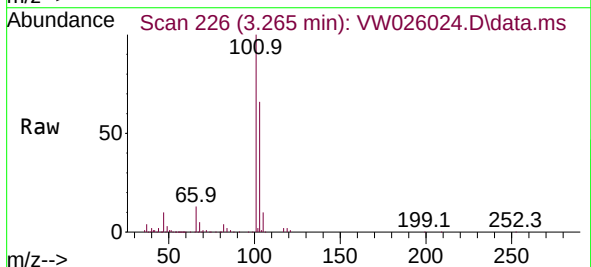
Instrument :
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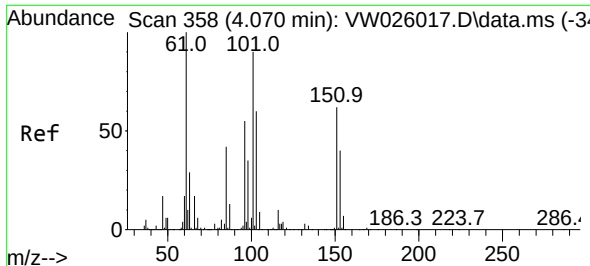
Tgt Ion: 64 Resp: 155204
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 19.599 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion:101 Resp: 145120
Ion Ratio Lower Upper
101 100
103 66.2 50.6 76.0

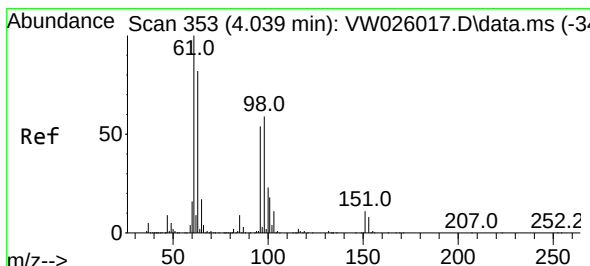
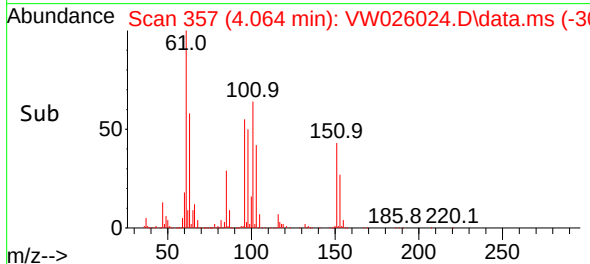
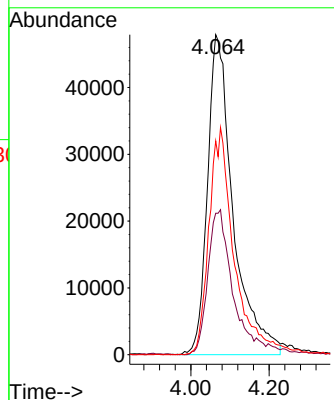
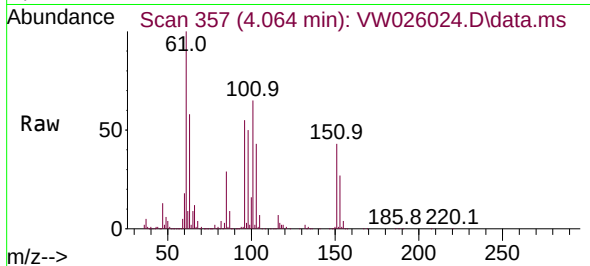




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.007 ug/L
 RT: 4.064 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW026024.D
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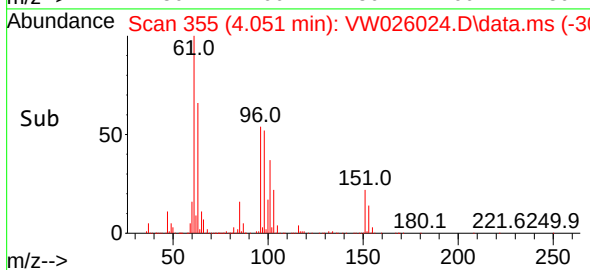
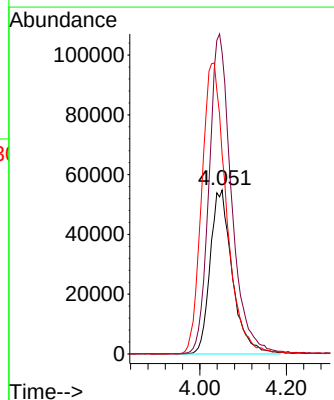
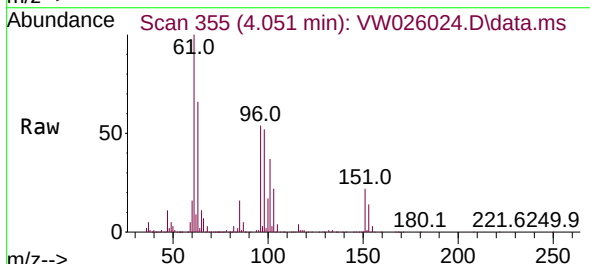
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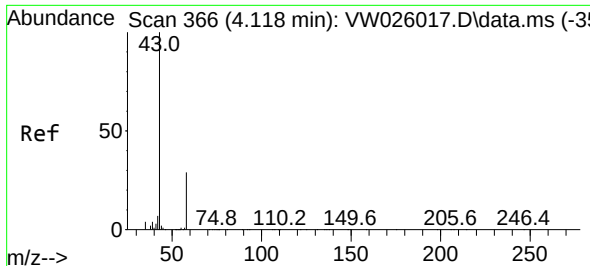
Tgt Ion:101 Resp: 217485
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.9 50.9
 151 27.7 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 25.333 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.012 min
 Lab File: VW026024.D
 Acq: 22 May 2023 13:56

Tgt Ion: 96 Resp: 194966
 Ion Ratio Lower Upper
 96 100
 61 183.9 135.0 250.8
 63 121.8 104.9 194.7

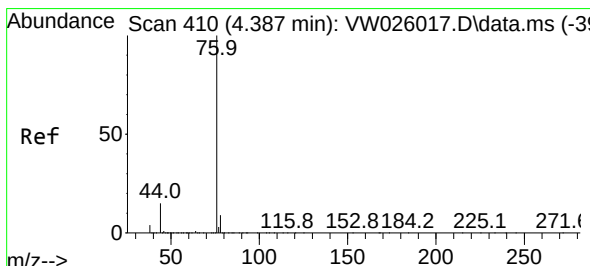
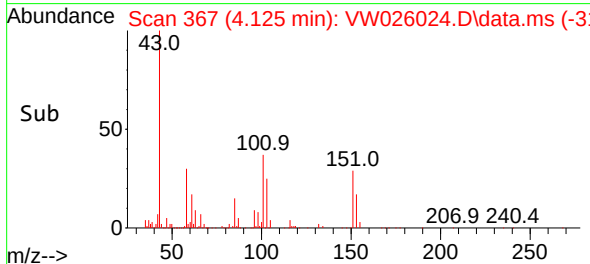
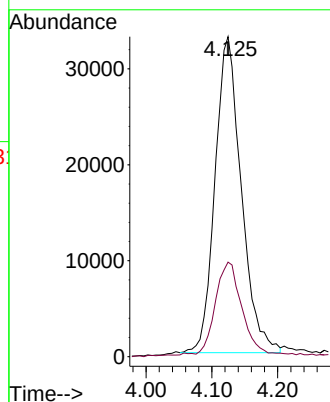
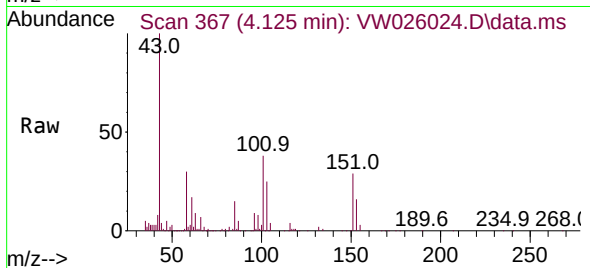




#13
Acetone
Concen: 38.275 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

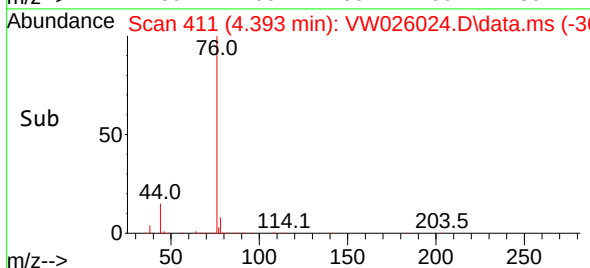
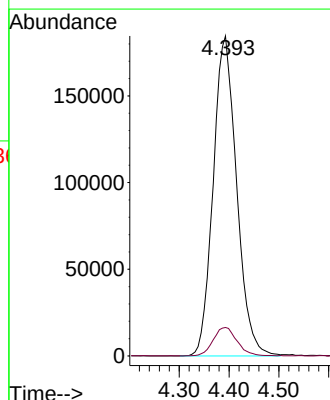
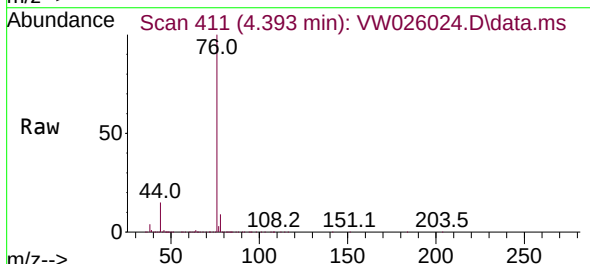
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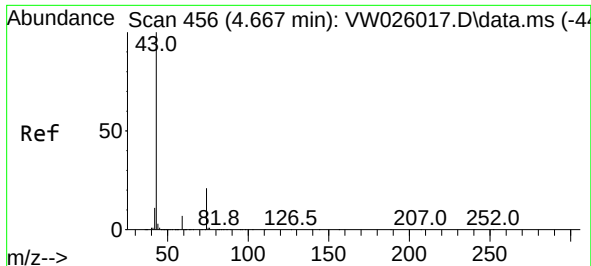
Tgt Ion: 43 Resp: 91491
Ion Ratio Lower Upper
43 100
58 28.4 0.0 58.2



#14
Carbon disulfide
Concen: 23.175 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion: 76 Resp: 603165
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

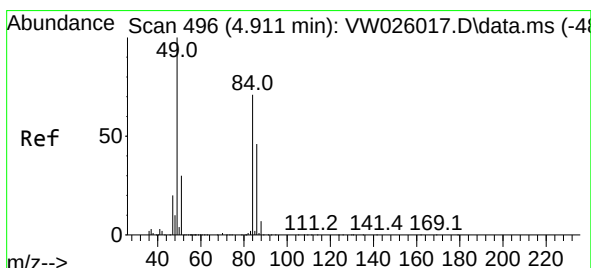
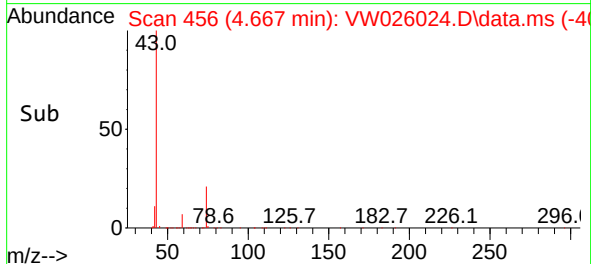
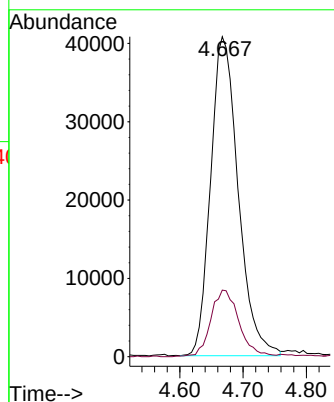
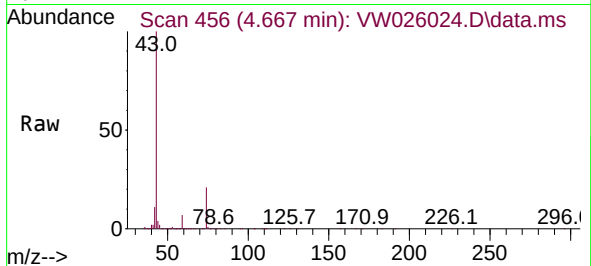




#15
Methyl Acetate
Concen: 26.231 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

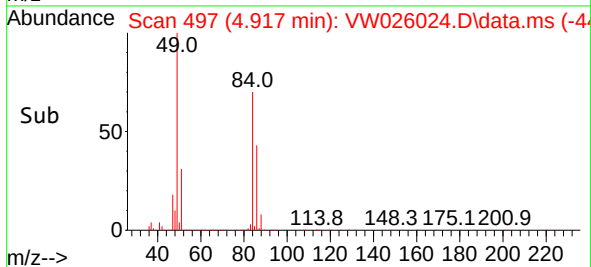
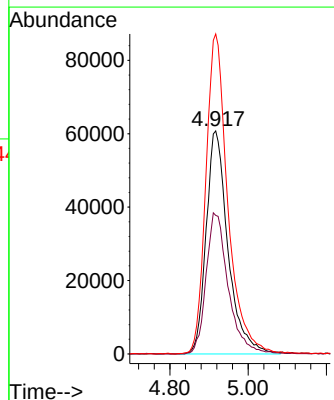
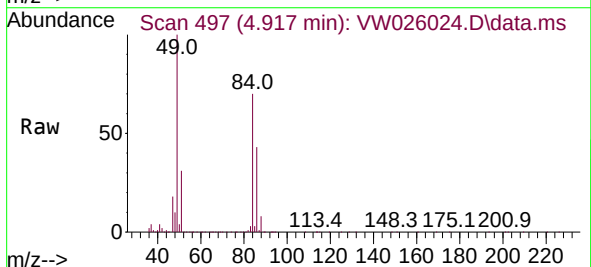
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

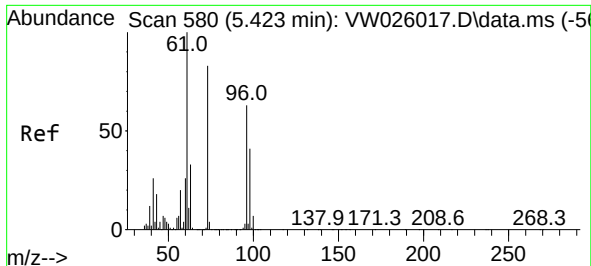
Tgt Ion: 43 Resp: 123560
Ion Ratio Lower Upper
43 100
74 20.0 16.5 24.7



#16
Methylene chloride
Concen: 19.845 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion: 84 Resp: 235516
Ion Ratio Lower Upper
84 100
86 62.1 41.7 77.5
49 143.5 95.3 177.1

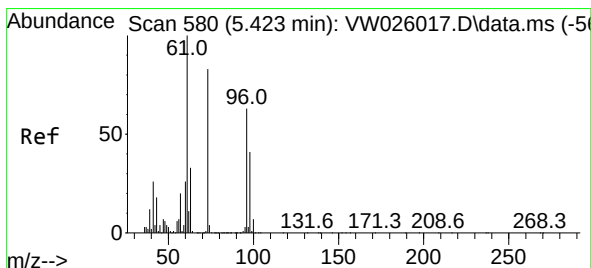
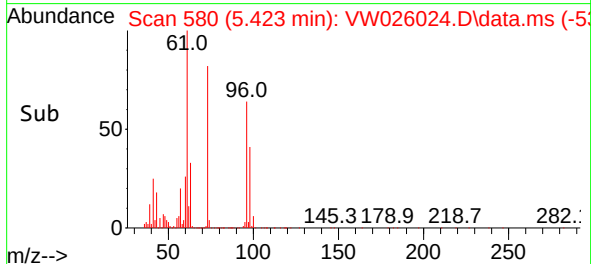
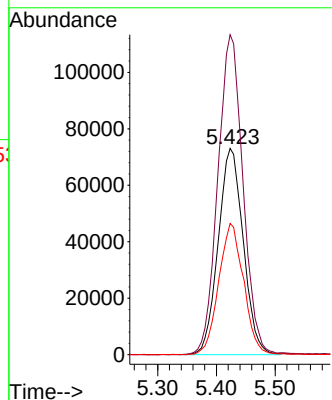
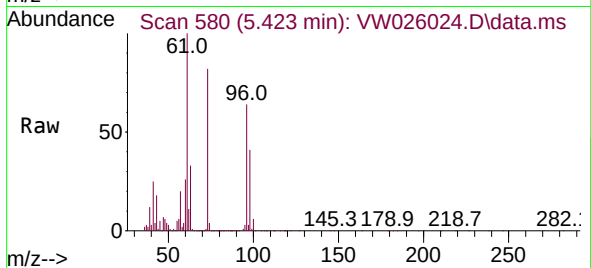




#17
trans-1,2-Dichloroethene
Concen: 25.835 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

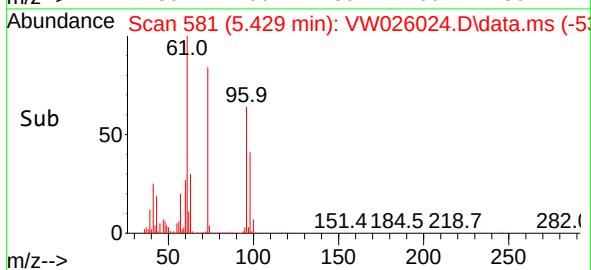
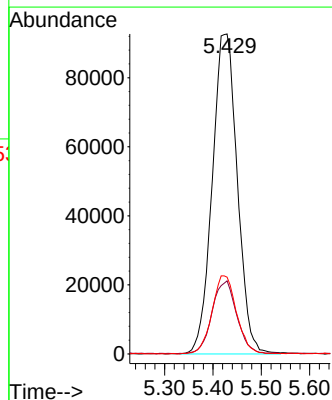
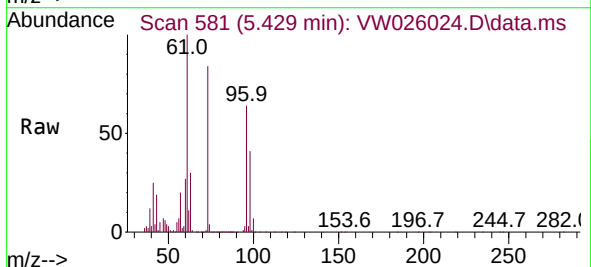
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

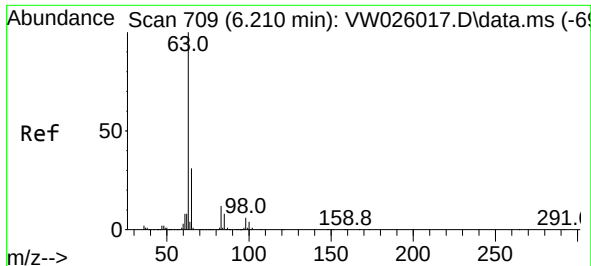
Tgt Ion: 96 Resp: 216907
Ion Ratio Lower Upper
96 100
61 155.2 108.1 200.9
98 63.6 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 26.180 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion: 73 Resp: 333604
Ion Ratio Lower Upper
73 100
43 22.2 18.2 27.4
57 24.0 19.2 28.8





#19

1,1-Dichloroethane

Concen: 27.115 ug/L

RT: 6.210 min Scan# 709

Delta R.T. -0.000 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

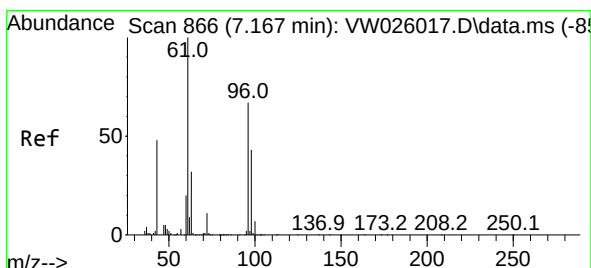
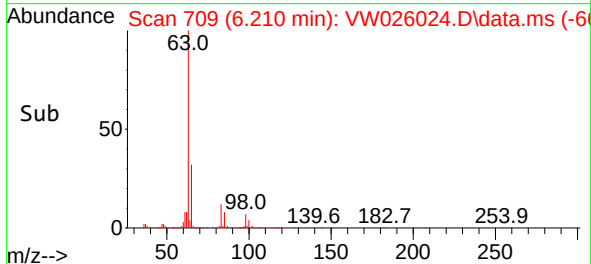
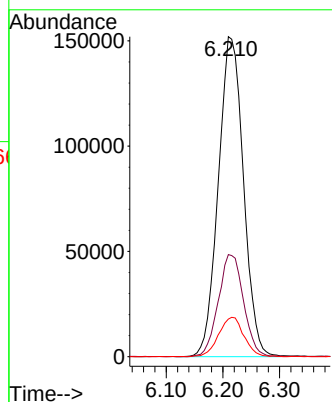
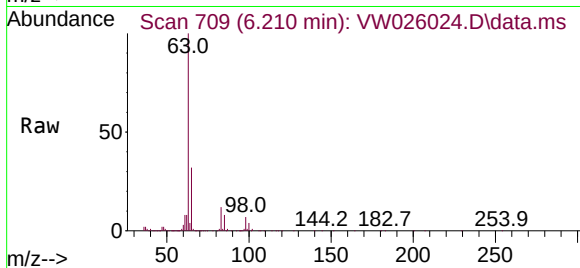
Tgt Ion: 63 Resp: 467729

Ion Ratio Lower Upper

63 100

65 31.9 22.4 41.6

83 11.8 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 26.928 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

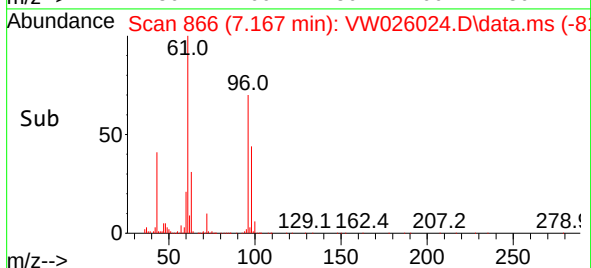
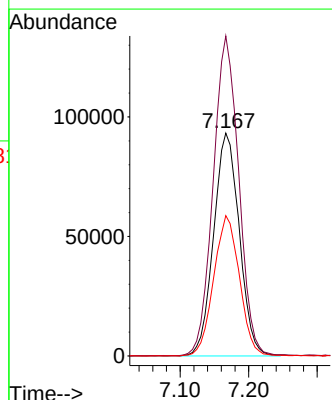
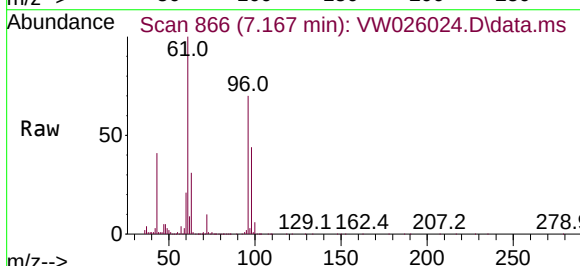
Tgt Ion: 96 Resp: 242553

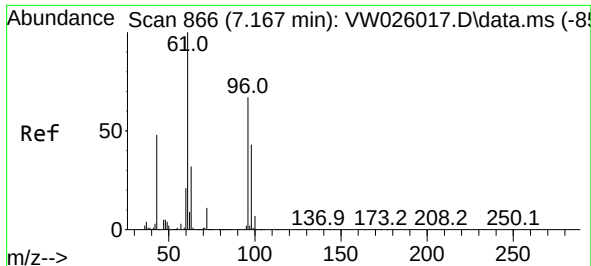
Ion Ratio Lower Upper

96 100

61 143.6 98.6 183.0

98 63.0 45.2 84.0

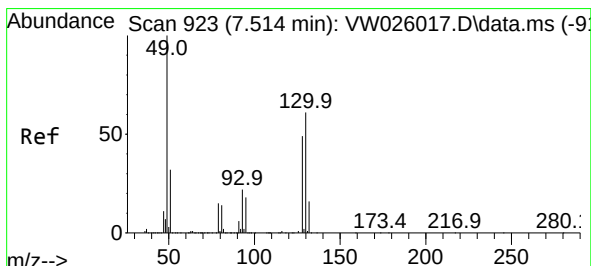
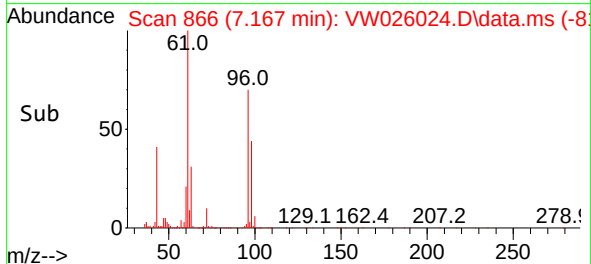
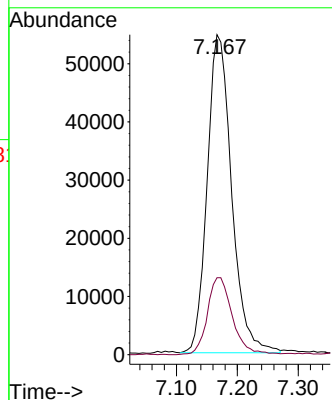
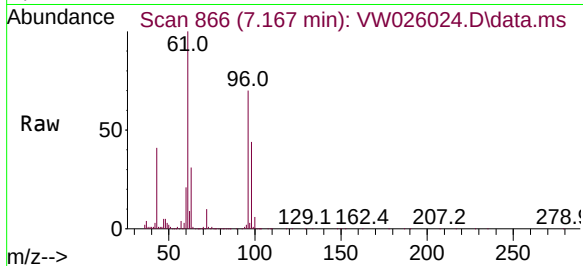




#22
2-Butanone
Concen: 46.232 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

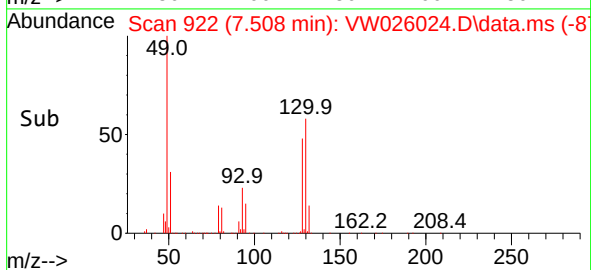
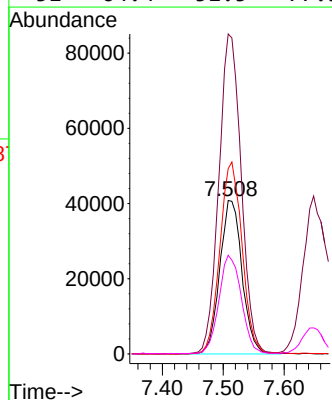
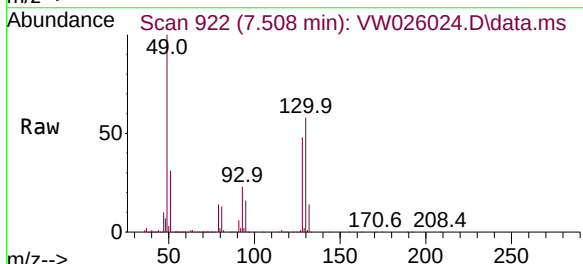
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

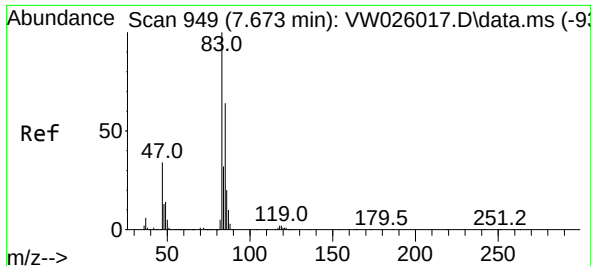
Tgt Ion: 43 Resp: 152595
Ion Ratio Lower Upper
43 100
72 24.5 11.8 35.4



#23
Bromochloromethane
Concen: 27.132 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion: 128 Resp: 103535
Ion Ratio Lower Upper
128 100
49 208.6 151.5 281.5
130 120.7 91.3 169.6
51 64.4 51.5 77.3

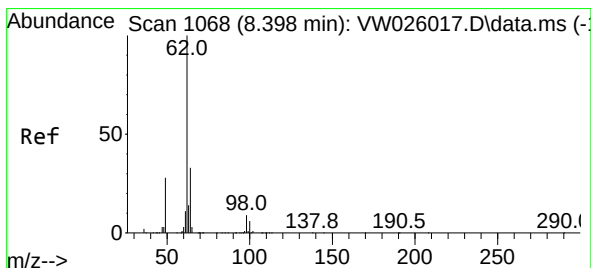
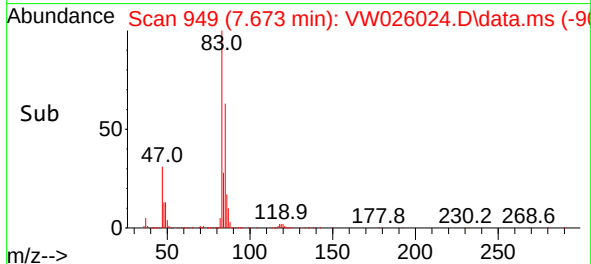
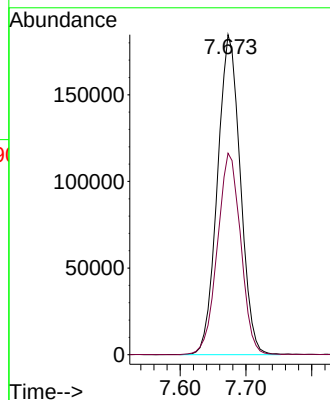
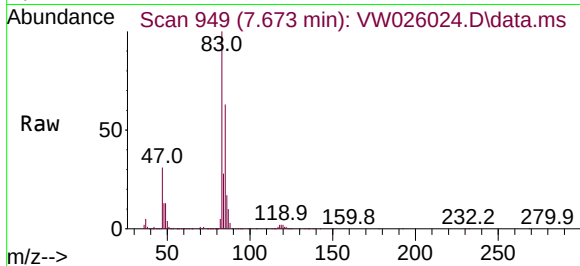




#25
Chloroform
Concen: 28.223 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

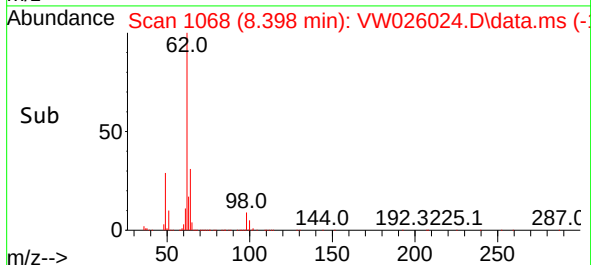
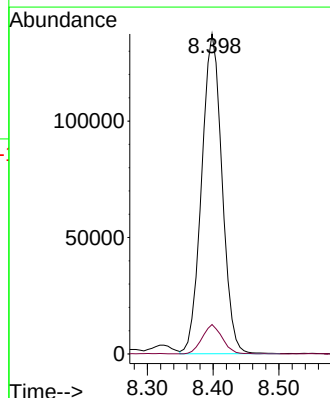
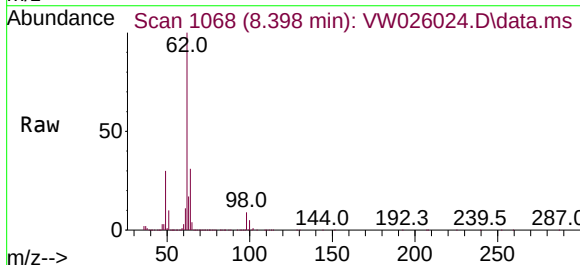
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

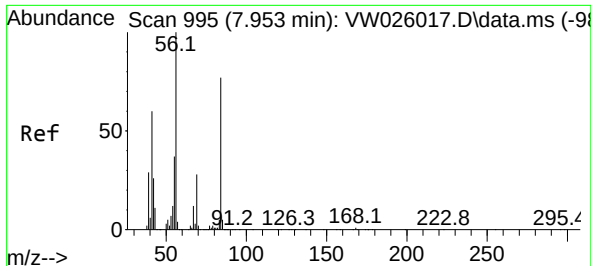
Tgt Ion: 83 Resp: 447444
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 26.306 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion: 62 Resp: 296190
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8

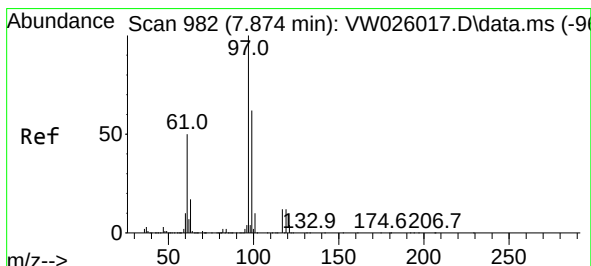
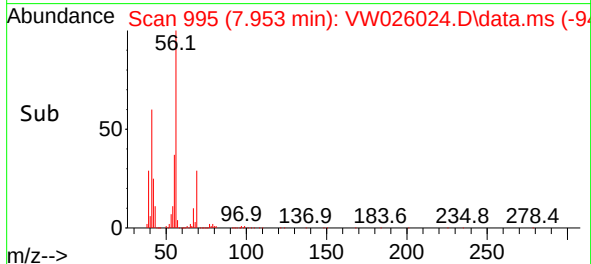
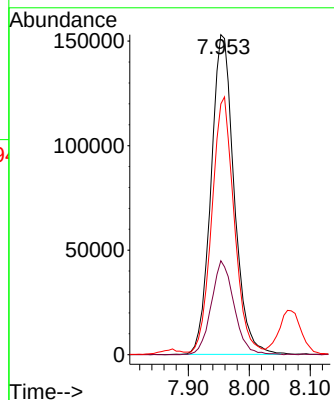
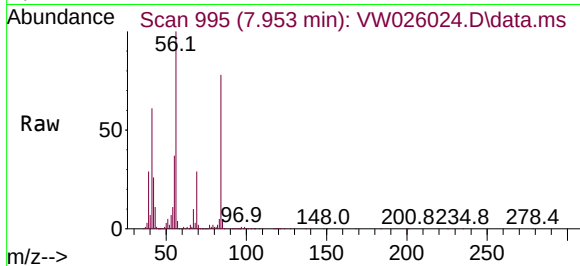




#29
Cyclohexane
Concen: 24.836 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

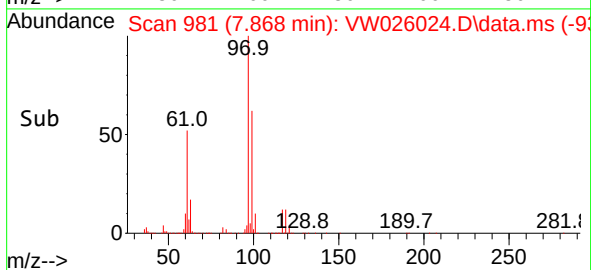
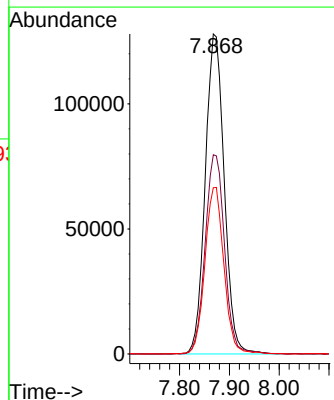
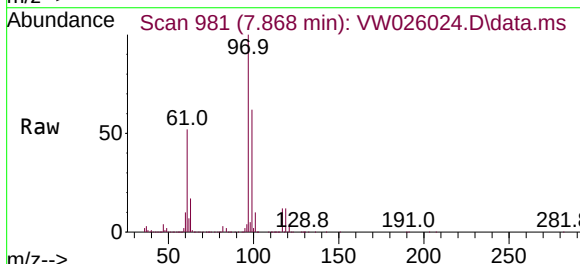
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

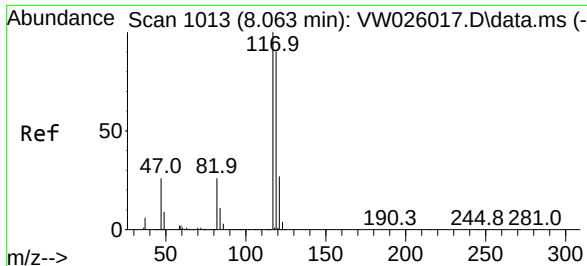
Tgt Ion: 56 Resp: 403067
Ion Ratio Lower Upper
56 100
69 28.9 23.4 35.0
84 78.6 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 26.450 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion: 97 Resp: 338764
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 51.7 40.4 60.6

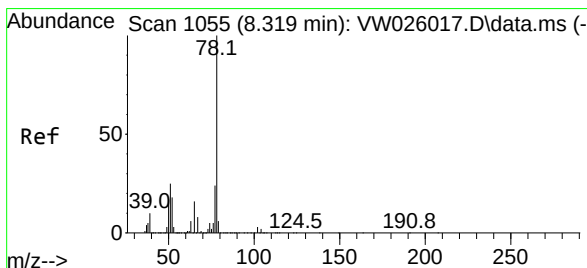
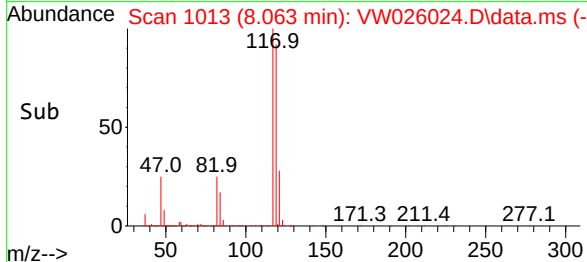
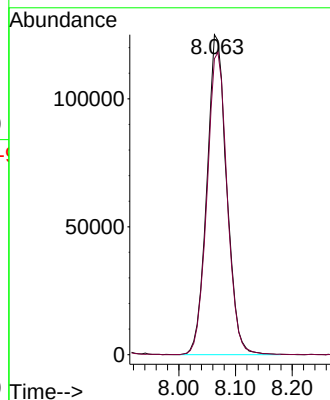
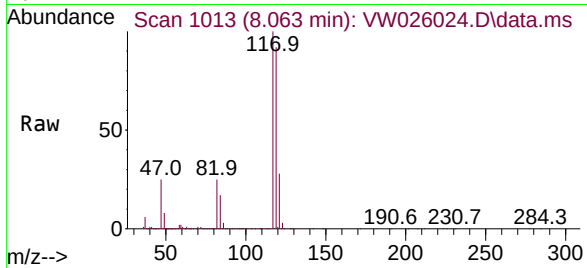




#31
Carbon tetrachloride
Concen: 26.369 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

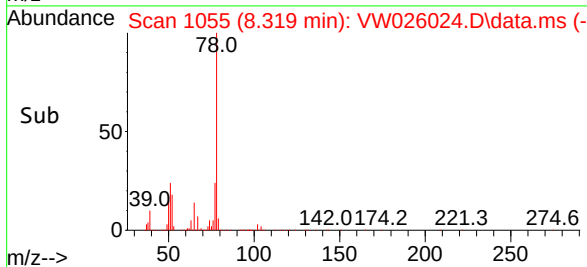
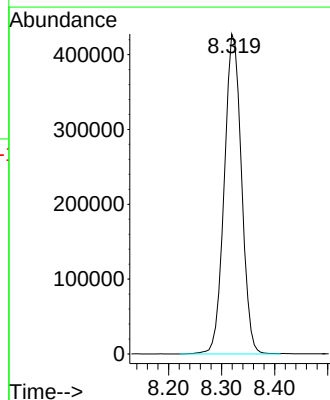
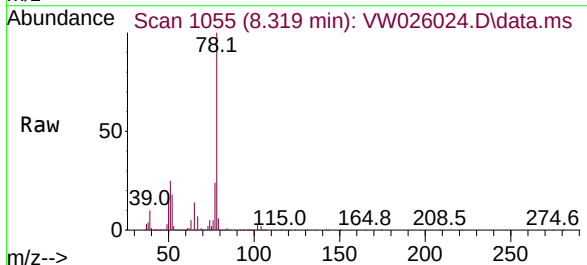
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

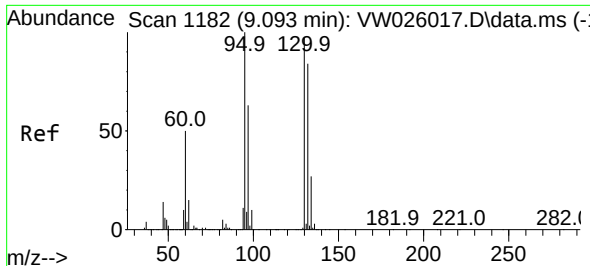
Tgt Ion:117 Resp: 303923
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 26.647 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion: 78 Resp: 965462



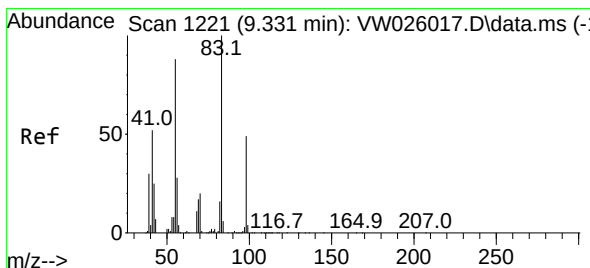
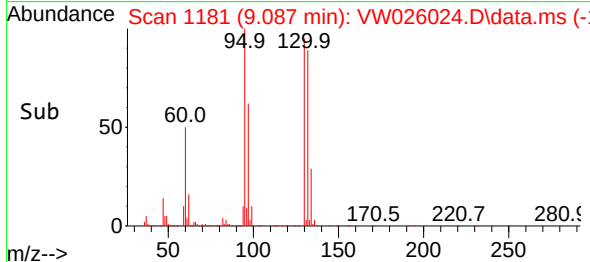
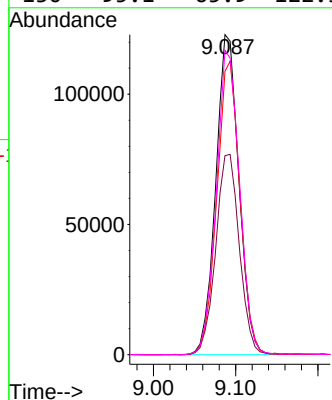
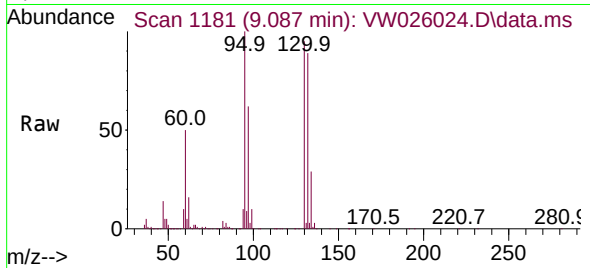


#34
Trichloroethene
Concen: 25.804 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

Tgt Ion: 95 Resp: 239906

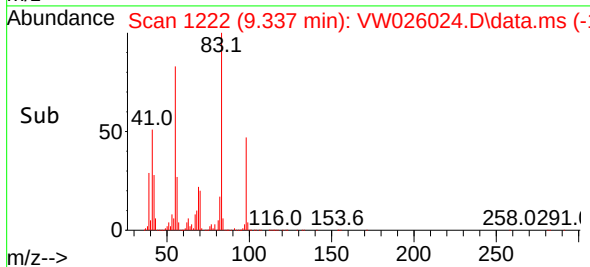
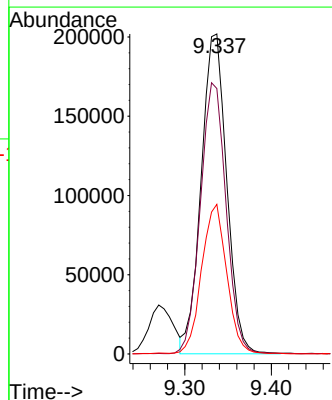
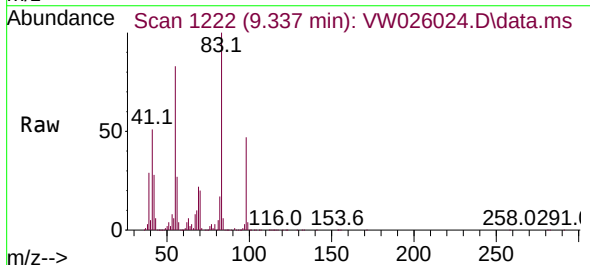
Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.9	85.3
132	88.6	66.0	122.6
130	95.1	65.9	122.3

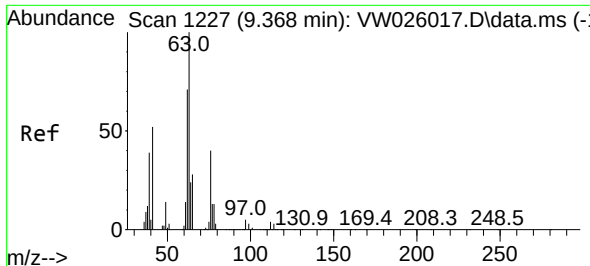


#35
Methylcyclohexane
Concen: 25.045 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion: 83 Resp: 414148

Ion	Ratio	Lower	Upper
83	100		
55	85.1	69.0	103.4
98	46.0	37.1	55.7





#37

1,2-Dichloropropane

Concen: 26.848 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

Instrument :

MSVOA_W

ClientSampleId :

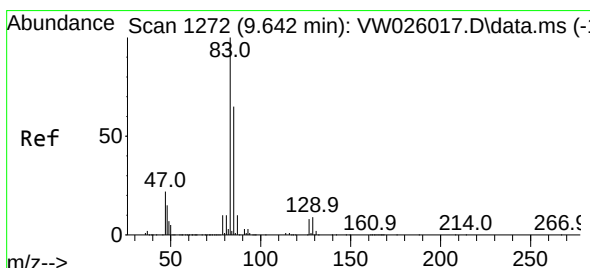
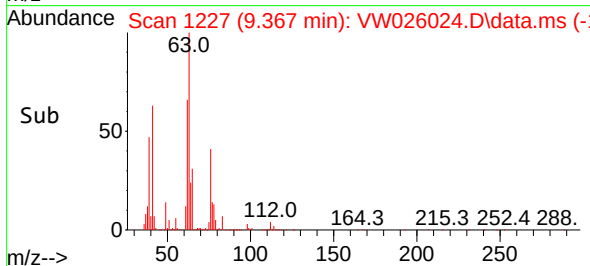
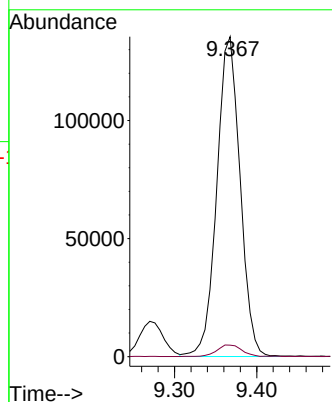
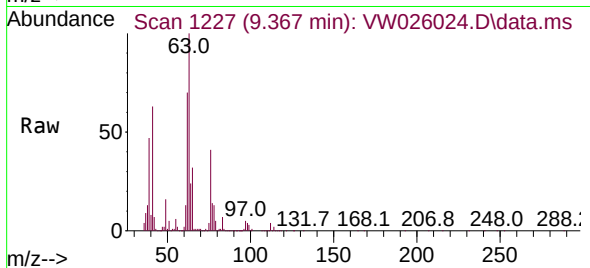
VSTD025496

Tgt Ion: 63 Resp: 266513

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 27.312 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

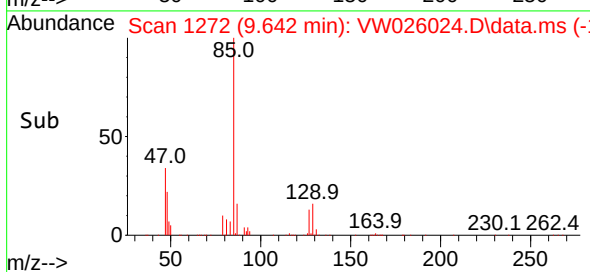
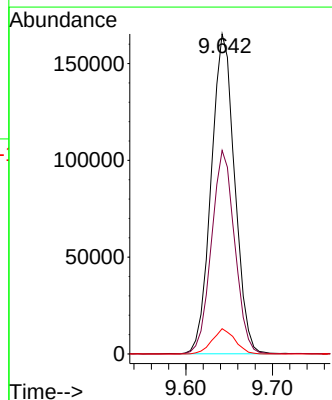
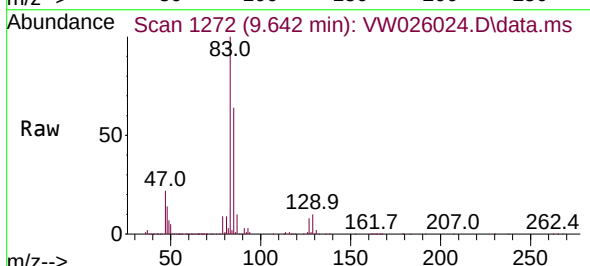
Tgt Ion: 83 Resp: 311041

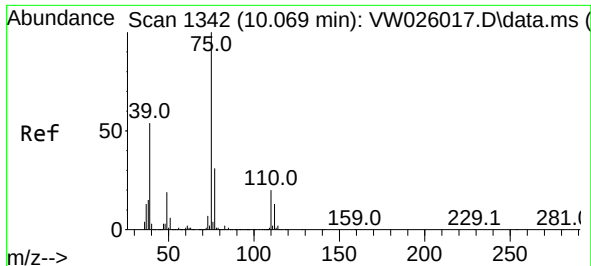
Ion Ratio Lower Upper

83 100

85 63.6 44.4 82.5

127 7.9 6.5 9.7

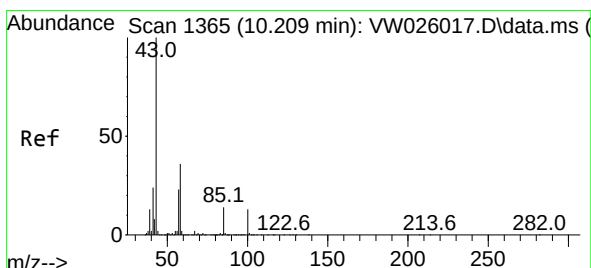
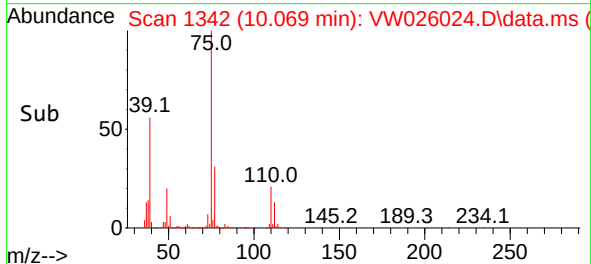
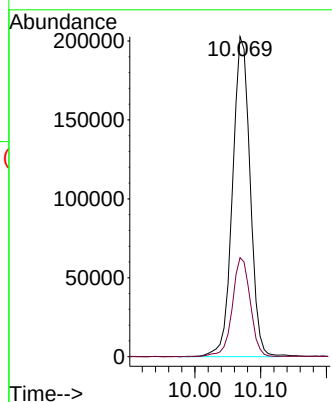
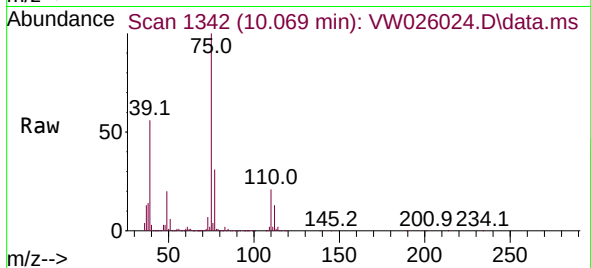




#39
 cis-1,3-Dichloropropene
 Concen: 25.907 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW026024.D
 Acq: 22 May 2023 13:56

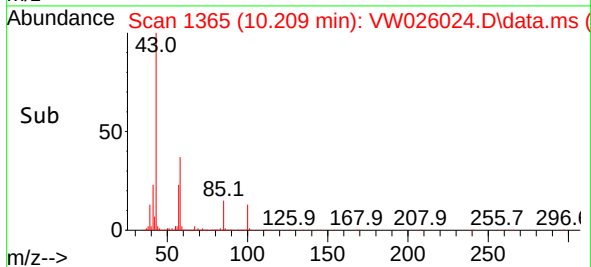
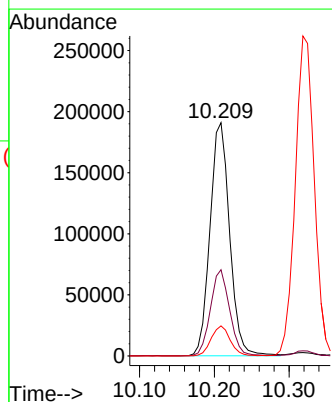
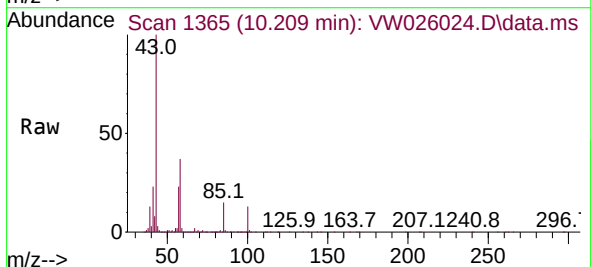
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025496

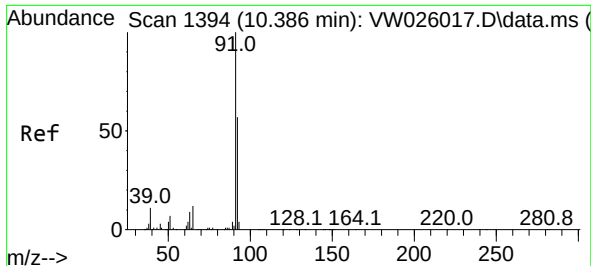
Tgt Ion: 75 Resp: 377138
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 53.928 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026024.D
 Acq: 22 May 2023 13:56

Tgt Ion: 43 Resp: 348444
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.4 44.0
 100 12.6 10.1 15.1

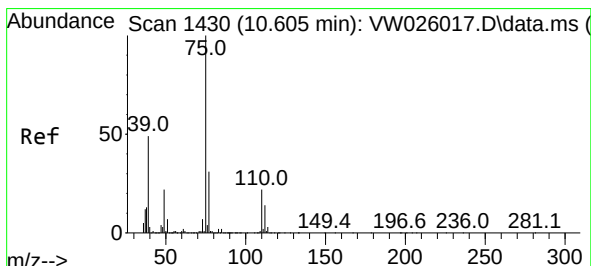
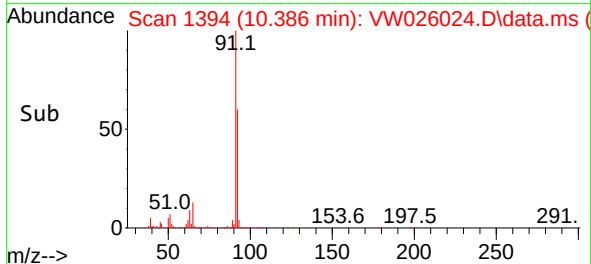
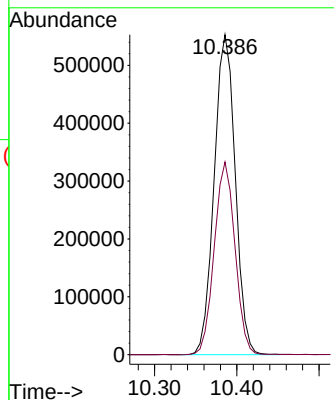
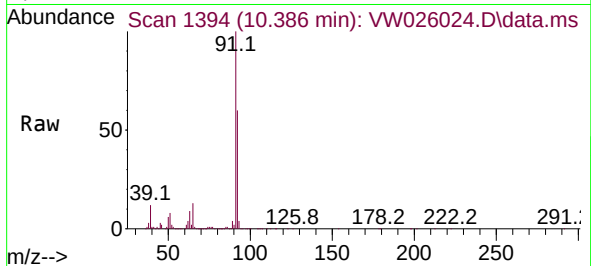




#42
Toluene
Concen: 26.617 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

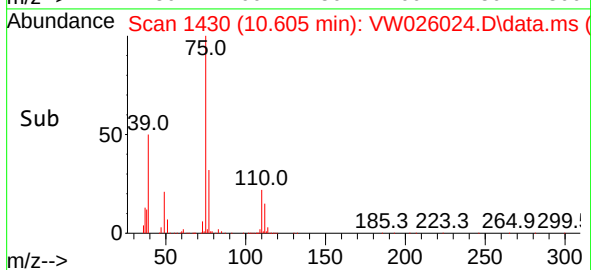
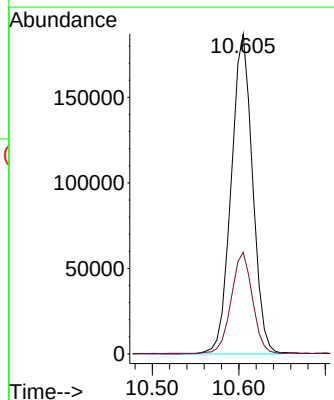
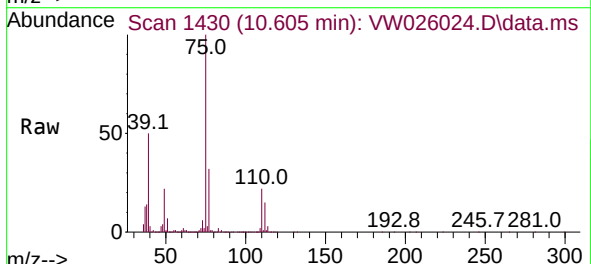
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

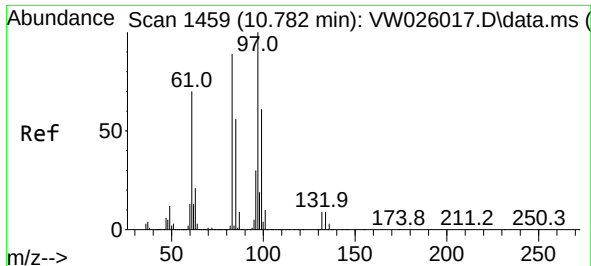
Tgt Ion: 91 Resp: 985392
Ion Ratio Lower Upper
91 100
92 60.2 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 26.517 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion: 75 Resp: 319851
Ion Ratio Lower Upper
75 100
77 31.7 21.8 40.4

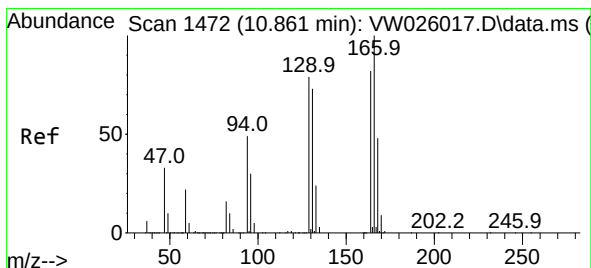
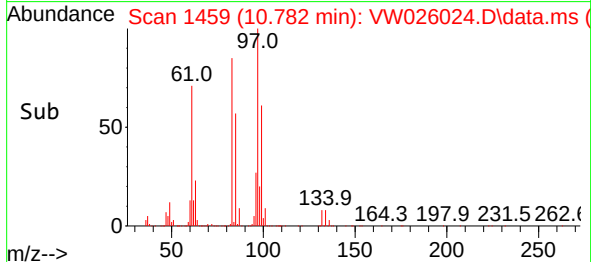
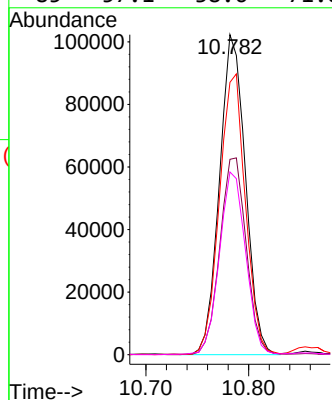
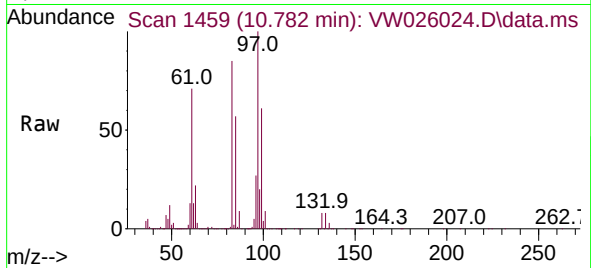




#45
1,1,2-Trichloroethane
Concen: 26.969 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

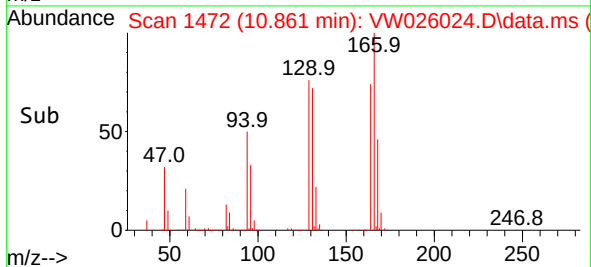
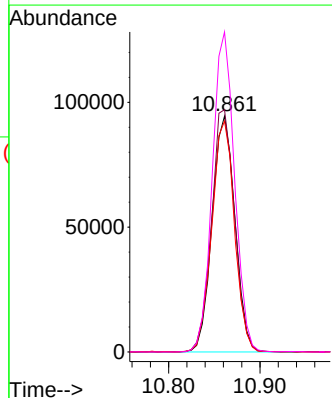
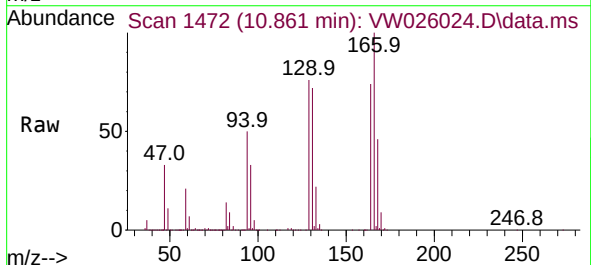
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

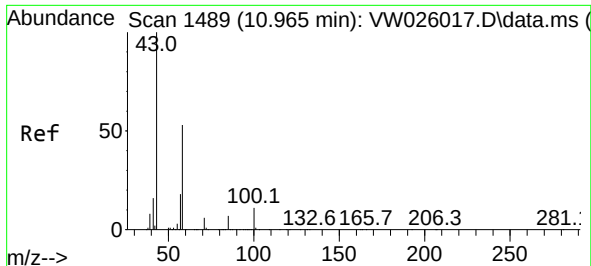
Tgt Ion: 97	Resp: 179078		
Ion	Ratio	Lower	Upper
97	100		
99	61.1	44.5	82.7
83	85.1	63.0	117.0
85	57.1	38.6	71.8



#46
Tetrachloroethene
Concen: 25.157 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt	Ion:164	Resp:	164545
Ion	Ratio	Lower	Upper
164	100		
129	102.7	74.3	138.1
131	97.9	71.3	132.3
166	135.7	91.5	169.9



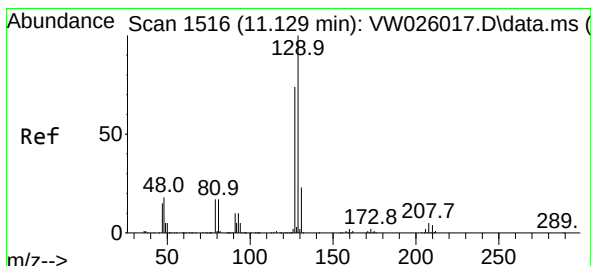
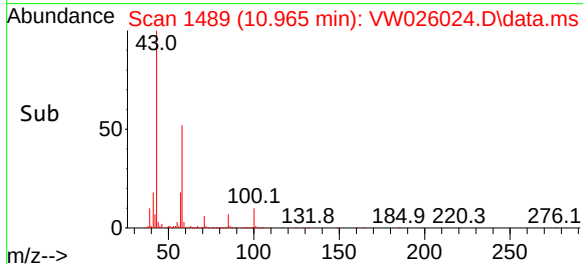
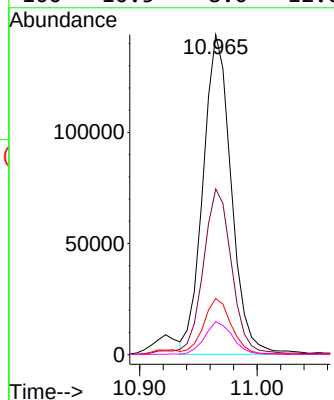
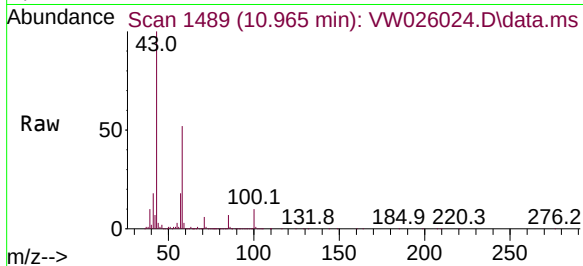


#48
2-Hexanone
Concen: 51.743 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

Tgt Ion: 43 Resp: 239510

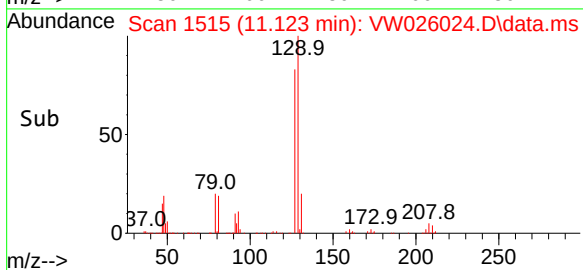
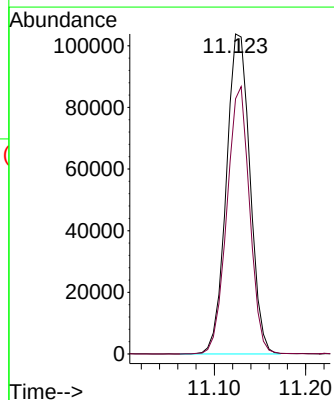
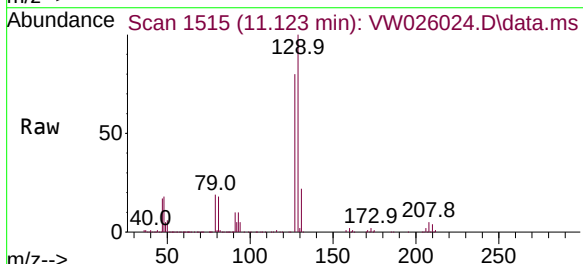
Ion	Ratio	Lower	Upper
43	100		
58	51.9	40.8	61.2
57	17.5	13.6	20.4
100	10.5	8.0	12.0

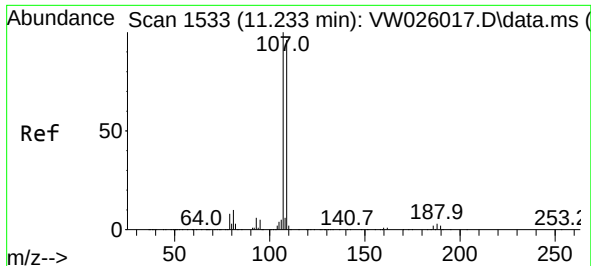


#49
Dibromochloromethane
Concen: 27.173 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion: 129 Resp: 186799

Ion	Ratio	Lower	Upper
129	100		
127	79.8	56.1	104.3





#50

1,2-Dibromoethane

Concen: 26.298 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

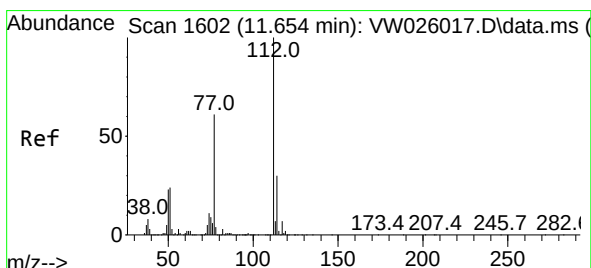
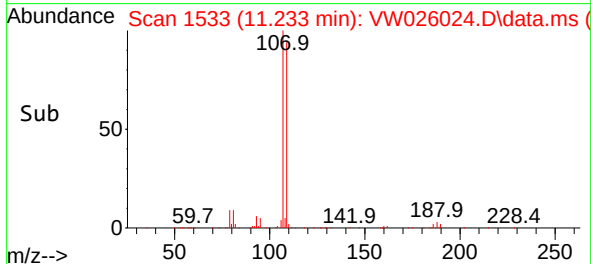
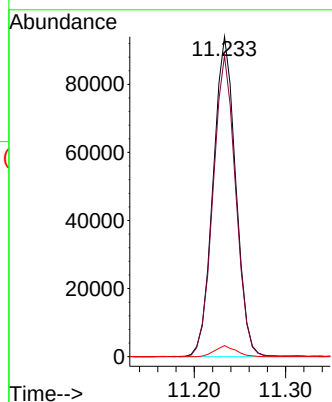
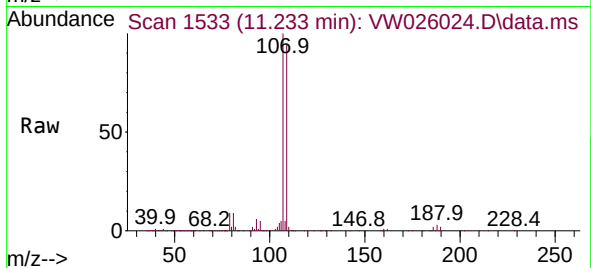
Tgt Ion:107 Resp: 160981

Ion Ratio Lower Upper

107 100

109 94.1 67.5 125.4

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 26.615 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

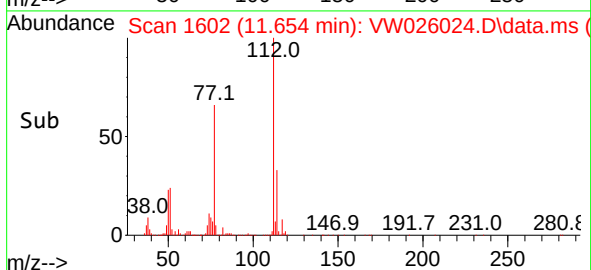
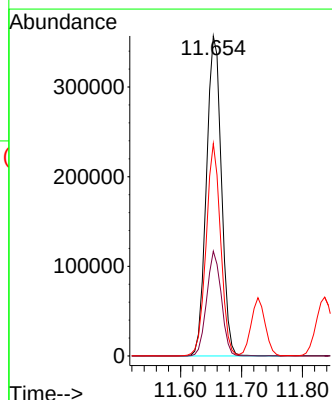
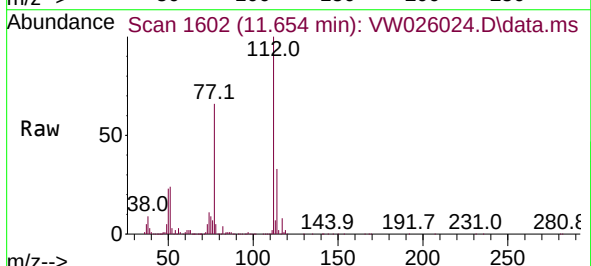
Tgt Ion:112 Resp: 610401

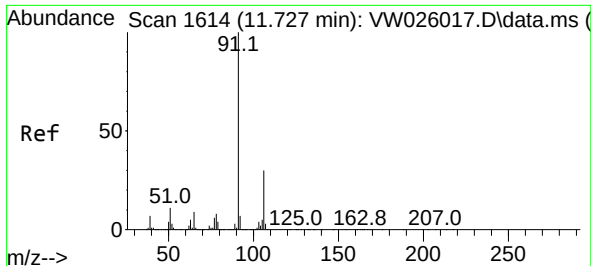
Ion Ratio Lower Upper

112 100

114 32.7 22.7 42.3

77 66.3 53.0 79.6

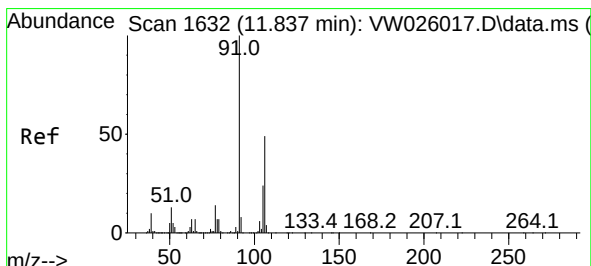
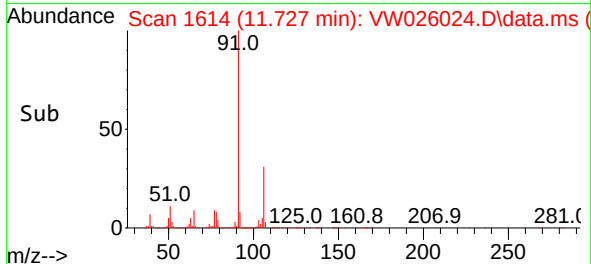
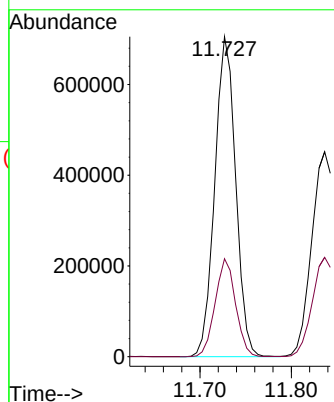
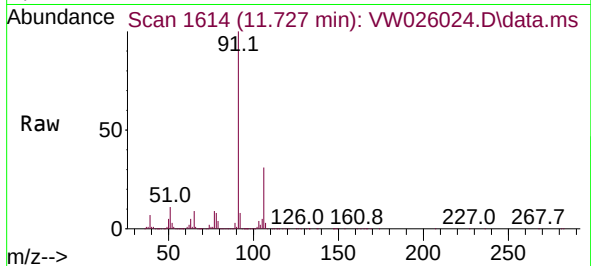




#52
Ethylbenzene
Concen: 26.897 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

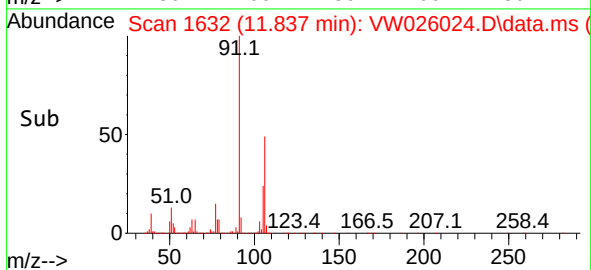
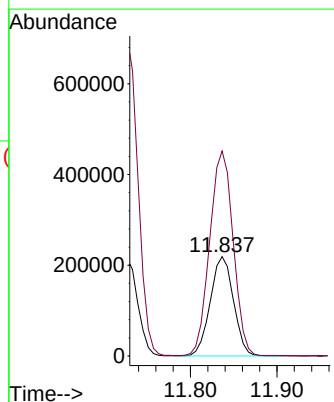
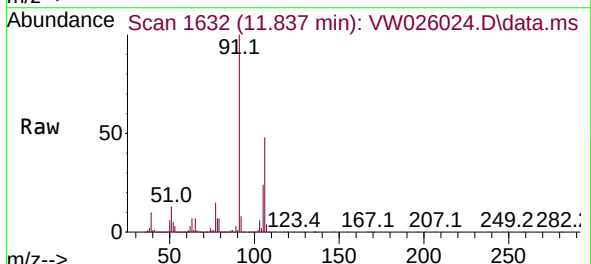
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

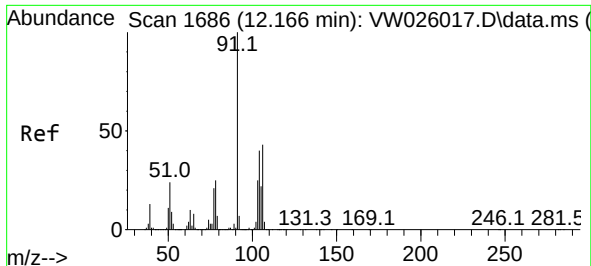
Tgt Ion: 91 Resp: 1120114
Ion Ratio Lower Upper
91 100
106 30.6 20.8 38.6



#53
m,p-Xylene
Concen: 26.557 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion:106 Resp: 407045
Ion Ratio Lower Upper
106 100
91 206.2 150.1 278.9

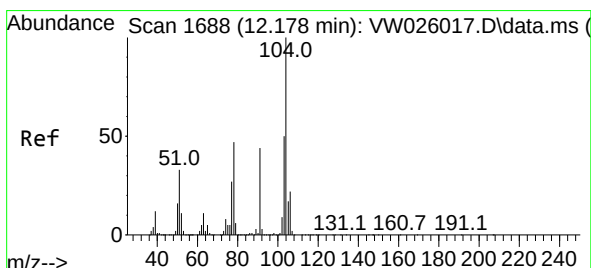
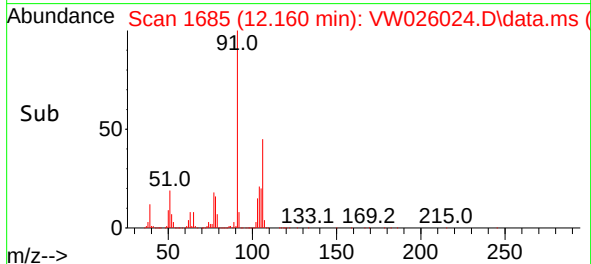
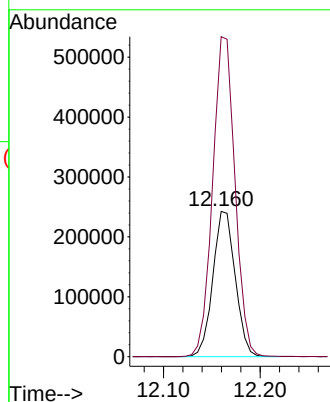
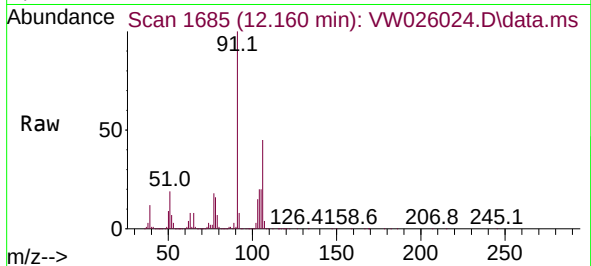




#54
o-Xylene
Concen: 26.940 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

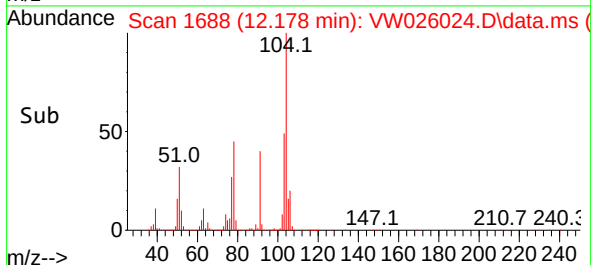
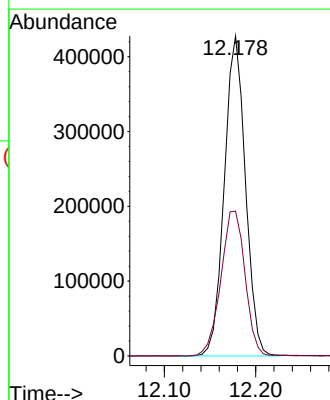
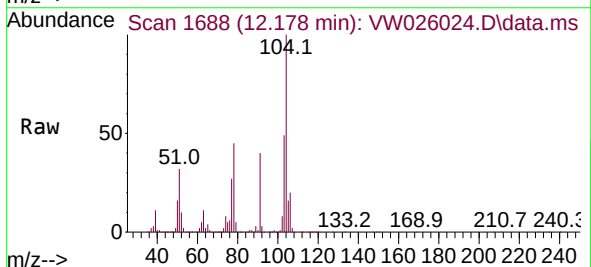
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

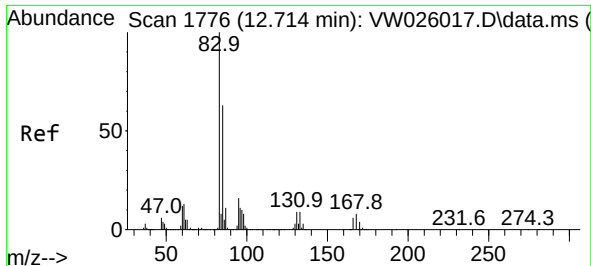
Tgt Ion:106 Resp: 389185
Ion Ratio Lower Upper
106 100
91 220.2 157.8 293.1



#55
Styrene
Concen: 27.779 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion:104 Resp: 686866
Ion Ratio Lower Upper
104 100
78 45.3 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 27.198 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

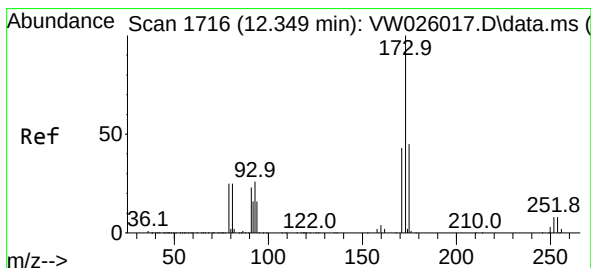
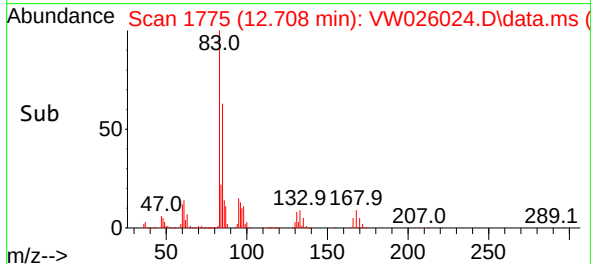
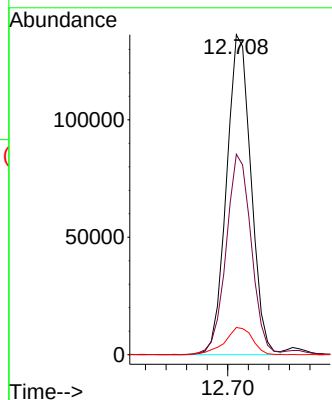
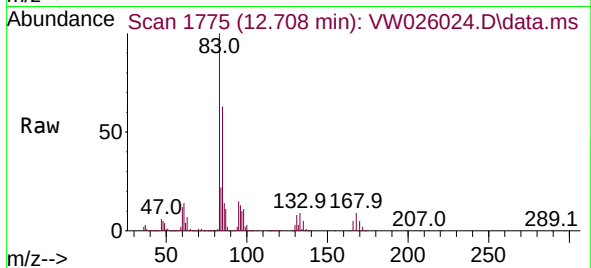
Tgt Ion: 83 Resp: 225351

Ion Ratio Lower Upper

83 100

85 62.6 45.6 84.8

131 8.5 8.1 12.1



#59

Bromoform

Concen: 27.372 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

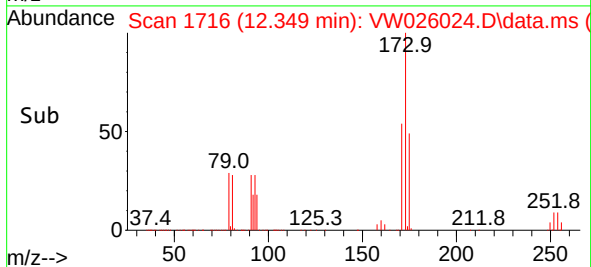
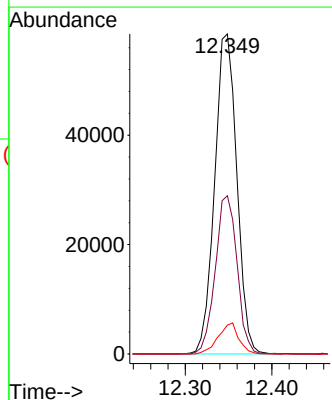
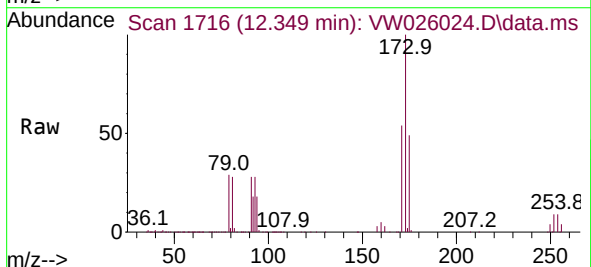
Tgt Ion:173 Resp: 103987

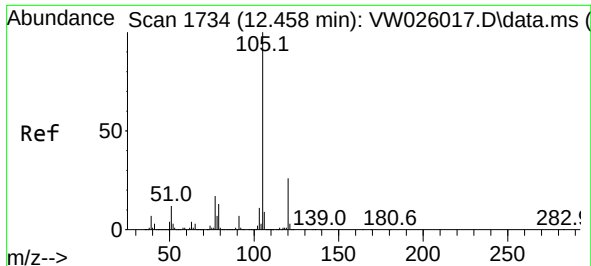
Ion Ratio Lower Upper

173 100

175 48.5 38.6 57.8

254 9.0 7.6 11.4

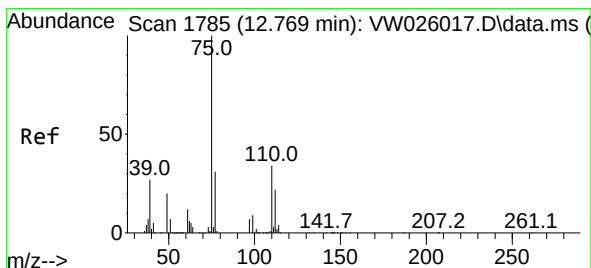
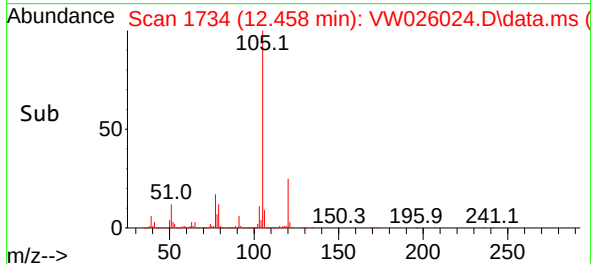
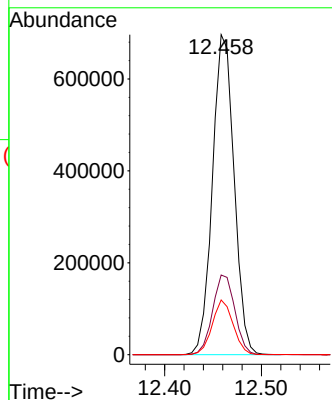
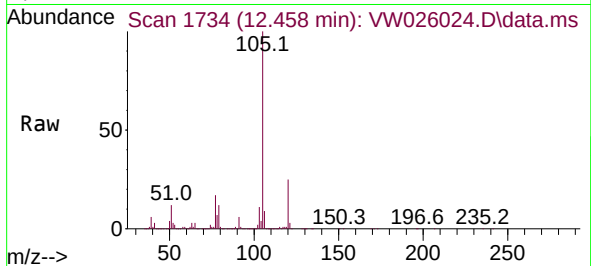




#60
Isopropylbenzene
Concen: 27.798 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

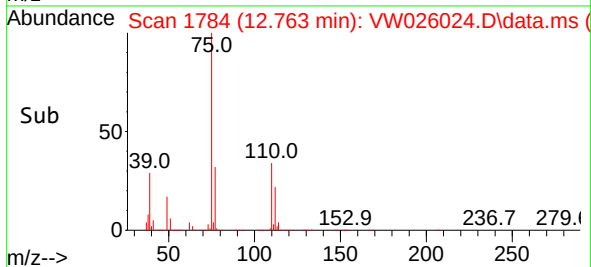
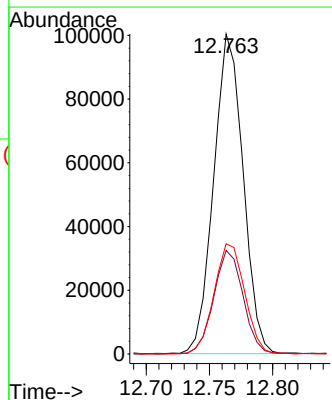
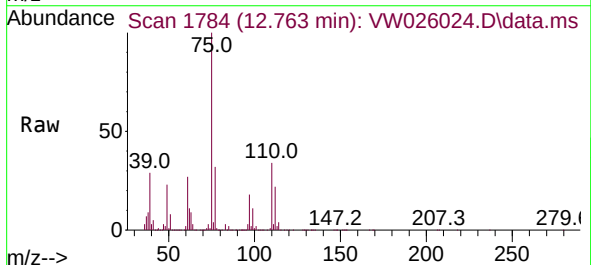
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

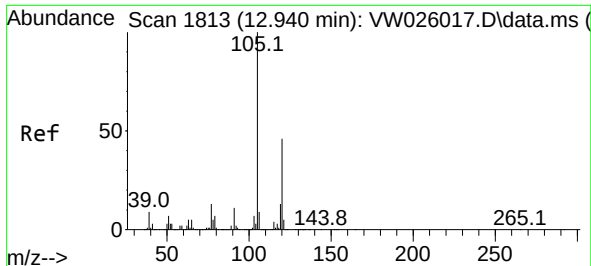
Tgt Ion:105 Resp: 1083755
Ion Ratio Lower Upper
105 100
120 25.5 21.1 31.7
77 16.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 26.721 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion: 75 Resp: 161975
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
110 36.0 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 27.998 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

Instrument :

MSVOA_W

ClientSampleId :

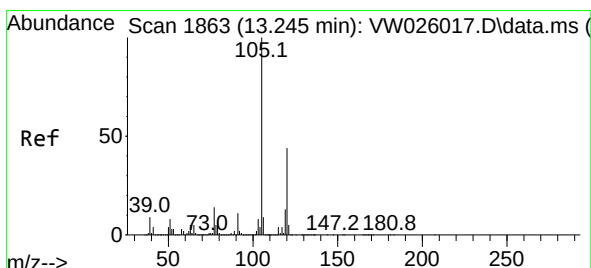
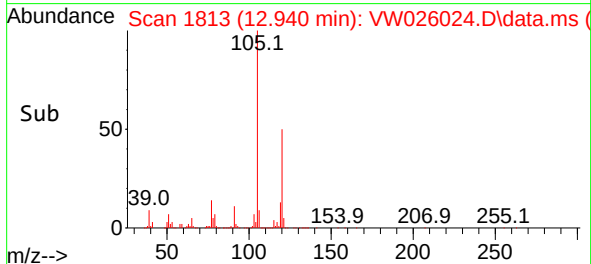
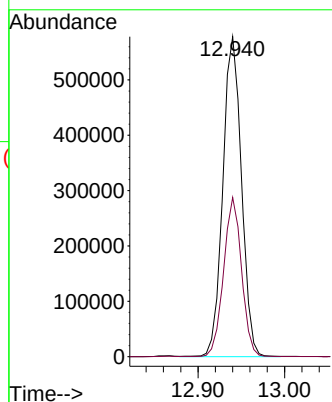
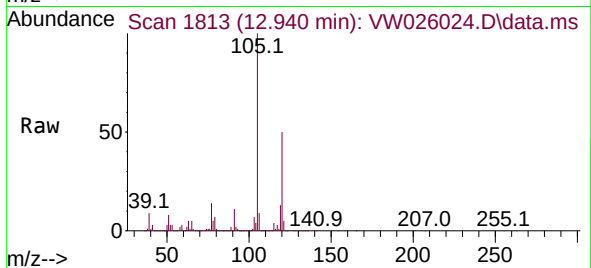
VSTD025496

Tgt Ion:105 Resp: 864546

Ion Ratio Lower Upper

105 100

120 47.9 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 27.524 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026024.D

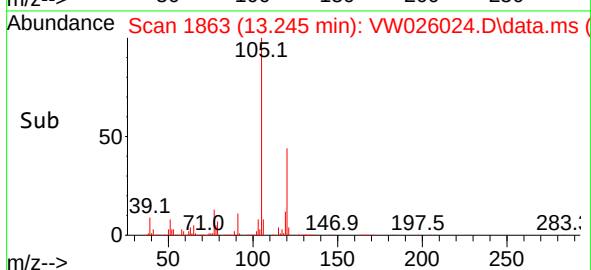
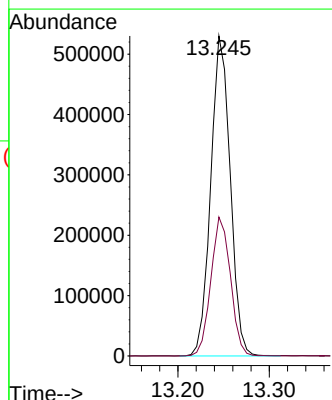
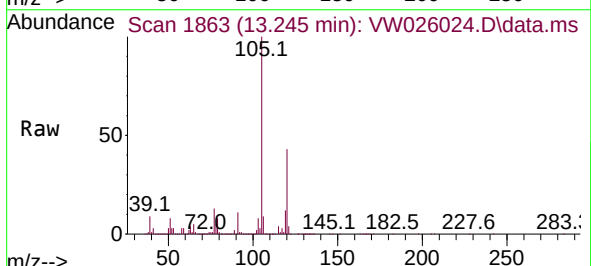
Acq: 22 May 2023 13:56

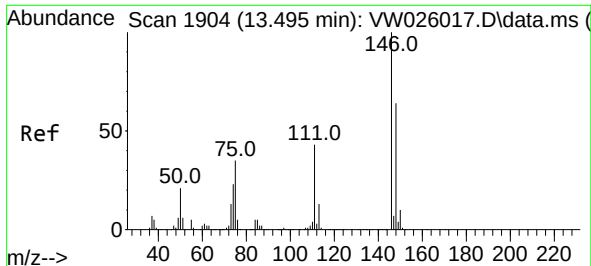
Tgt Ion:105 Resp: 784318

Ion Ratio Lower Upper

105 100

120 43.6 34.7 52.1

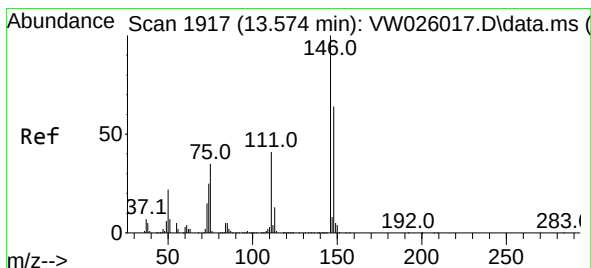
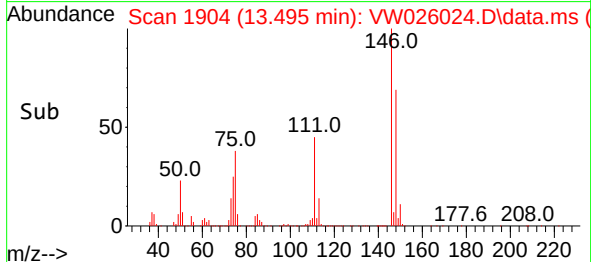
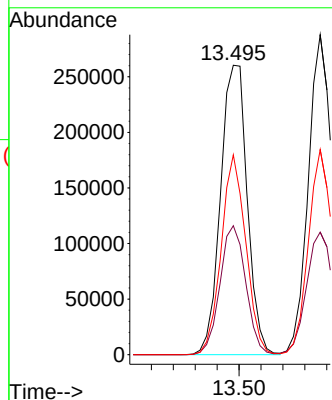
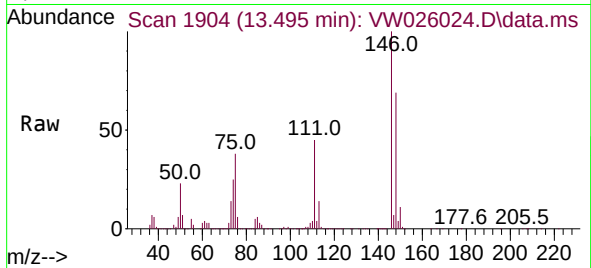




#64
1,3-Dichlorobenzene
Concen: 26.281 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

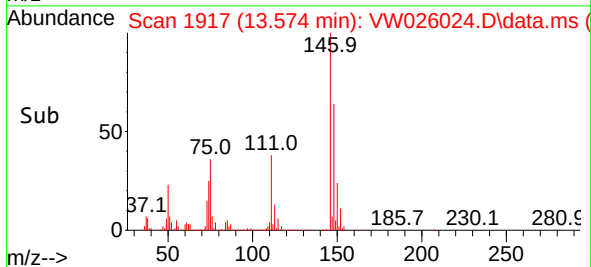
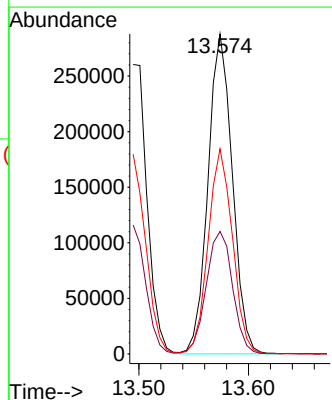
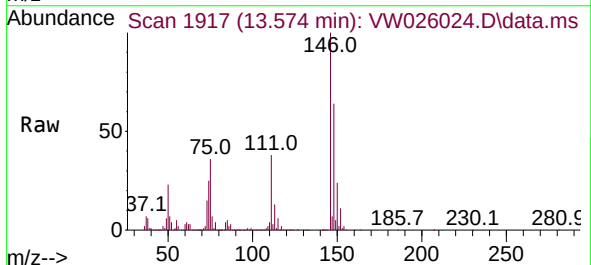
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

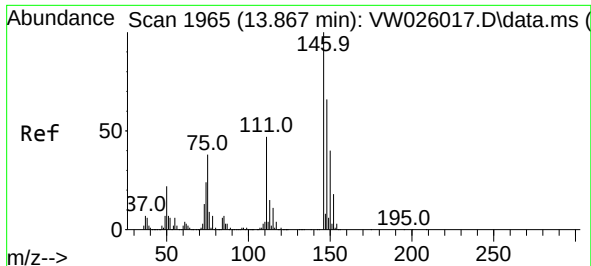
Tgt Ion:146 Resp: 441081
Ion Ratio Lower Upper
146 100
111 44.5 30.4 56.4
148 69.1 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 26.220 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026024.D
Acq: 22 May 2023 13:56

Tgt Ion:146 Resp: 444590
Ion Ratio Lower Upper
146 100
111 38.3 27.9 51.9
148 64.1 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 27.242 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

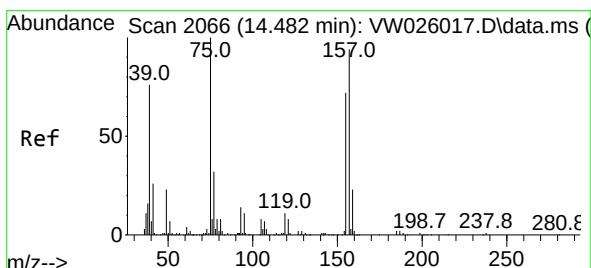
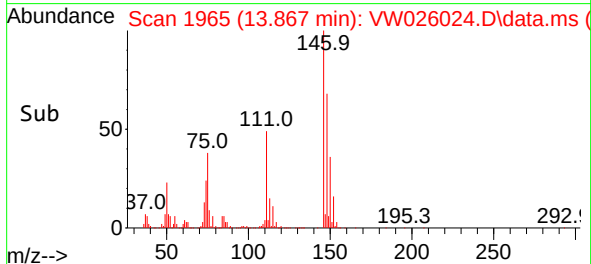
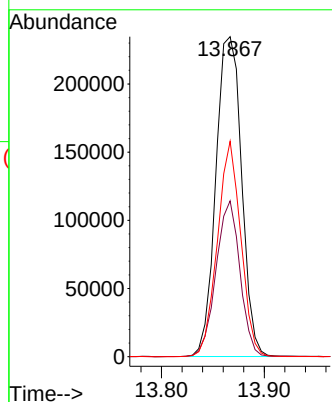
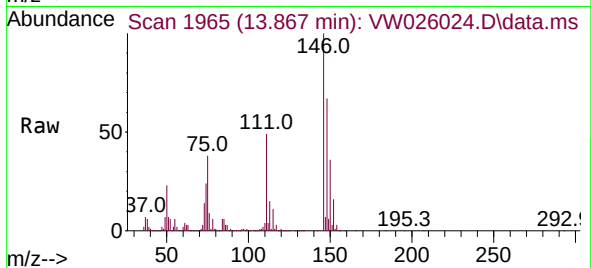
Tgt Ion:146 Resp: 407751

Ion Ratio Lower Upper

146 100

111 48.7 37.7 56.5

148 67.3 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.053 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

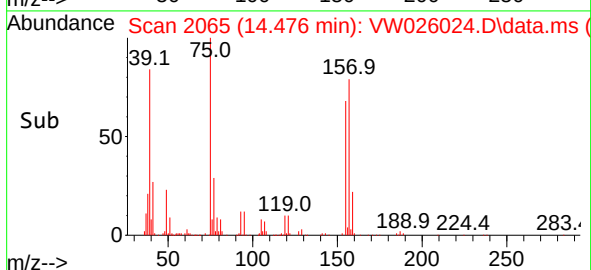
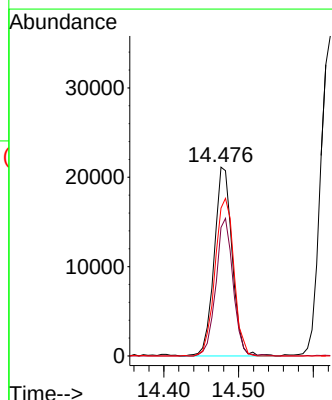
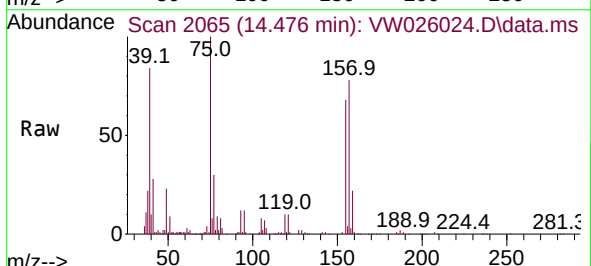
Tgt Ion: 75 Resp: 35215

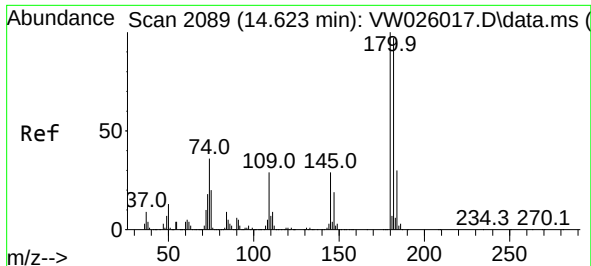
Ion Ratio Lower Upper

75 100

155 68.0 56.3 84.5

157 78.3 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 25.629 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

Tgt Ion:180 Resp: 285522

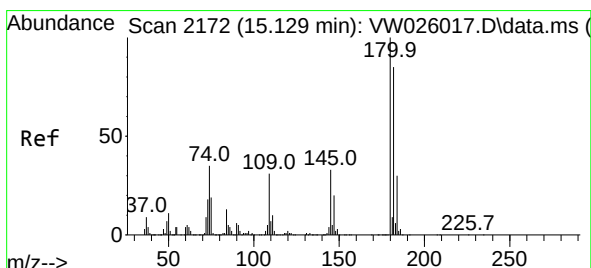
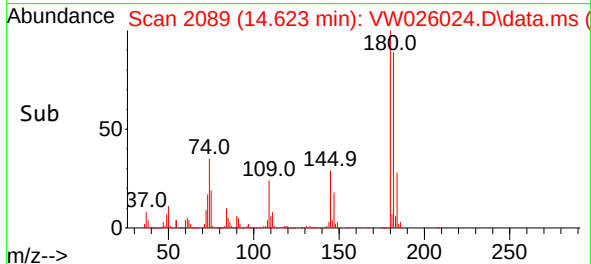
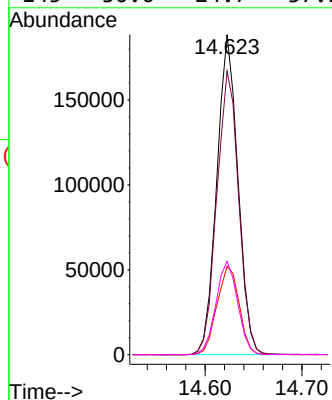
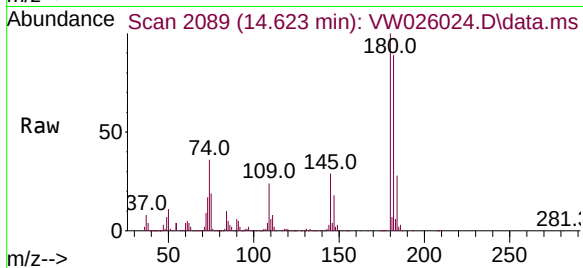
Ion Ratio Lower Upper

180 100

182 91.7 77.4 116.0

184 29.0 24.7 37.1

145 30.0 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 24.329 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

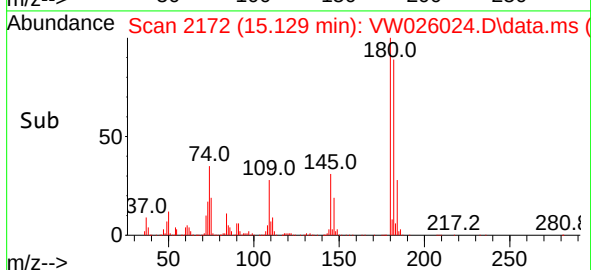
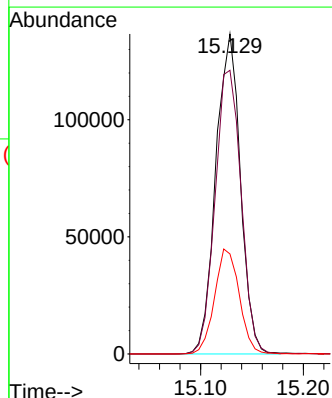
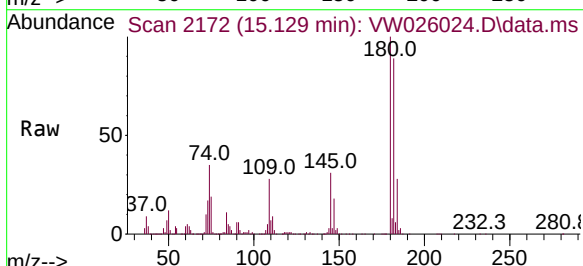
Tgt Ion:180 Resp: 227063

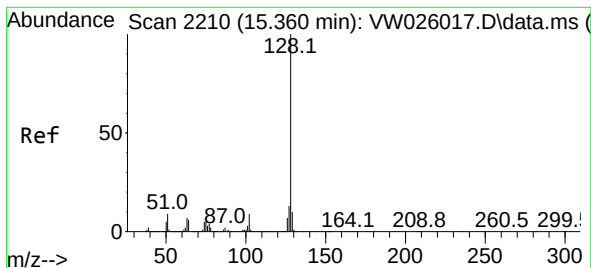
Ion Ratio Lower Upper

180 100

182 93.9 74.3 111.5

145 33.0 25.4 38.0





#71

Naphthalene

Concen: 26.303 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

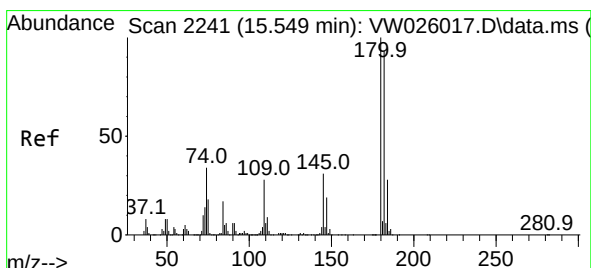
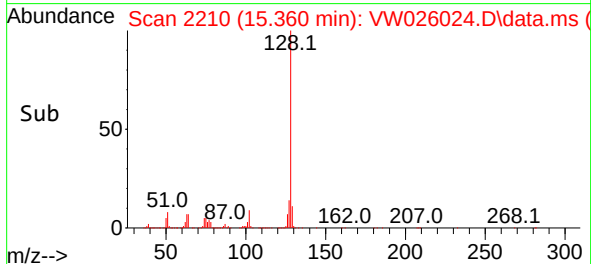
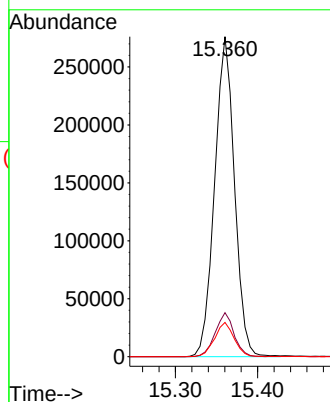
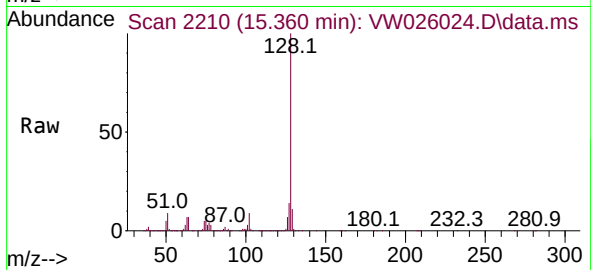
Tgt Ion:128 Resp: 463345

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.375 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW026024.D

Acq: 22 May 2023 13:56

Tgt Ion:180 Resp: 210133

Ion Ratio Lower Upper

180 100

182 94.3 76.1 114.1

145 34.3 28.0 42.0

