

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050323\
 Data File : VW025811.D
 Acq On : 03 May 2023 08:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025592

Quant Time: May 04 01:18:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 01:20:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	605563	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	540001	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	266995	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	235046	27.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.560%	
7) Chloroethane-d5	2.899	69	171369	26.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.760%	
11) 1,1-Dichloroethene-d2	4.021	65	110898	25.809	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.240%	
21) 2-Butanone-d5	7.075	46	114422	40.334	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 80.660%	
24) Chloroform-d	7.648	84	435715	24.953	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 99.800%	
26) 1,2-Dichloroethane-d4	8.301	65	233458	23.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 94.560%	
32) Benzene-d6	8.276	84	888653	25.185	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 100.760%	
36) 1,2-Dichloropropane-d6	9.270	67	274784	24.340	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 97.360%	
41) Toluene-d8	10.325	98	796798	25.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 101.280%	
43) trans-1,3-Dichloroprop...	10.575	79	104130	22.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 91.000%	
47) 2-Hexanone-d5	10.922	63	76396	39.685	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 79.360%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	194308	22.582	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 90.320%	
66) 1,2-Dichlorobenzene-d4	13.849	152	226885	23.311	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.223	50	252001	25.262	ug/L	99
5) Vinyl chloride	2.375	62	277421	26.869	ug/L	99
6) Bromomethane	2.789	94	141733	25.239	ug/L	94
8) Chloroethane	2.936	64	153556	26.155	ug/L	99
9) Trichlorofluoromethane	3.271	101	194572	24.971	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	219404	25.891	ug/L	99
12) 1,1-Dichloroethene	4.045	96	206505	25.498	ug/L	95
13) Acetone	4.125	43	112817	44.850	ug/L	98
14) Carbon disulfide	4.387	76	700872	25.590	ug/L	100
15) Methyl Acetate	4.667	43	104895	21.161	ug/L	99
16) Methylene chloride	4.911	84	226537	18.140	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	217367	24.602	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	298439	22.256	ug/L	100
19) 1,1-Dichloroethane	6.216	63	448468	24.706	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	227921	24.045	ug/L	97
22) 2-Butanone	7.167	43	144605	41.633	ug/L	99
23) Bromochloromethane	7.514	128	96552	24.044	ug/L	97
25) Chloroform	7.673	83	409881	24.568	ug/L	98
27) 1,2-Dichloroethane	8.398	62	279511	23.590	ug/L	99

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 Response via : Initial Calibration

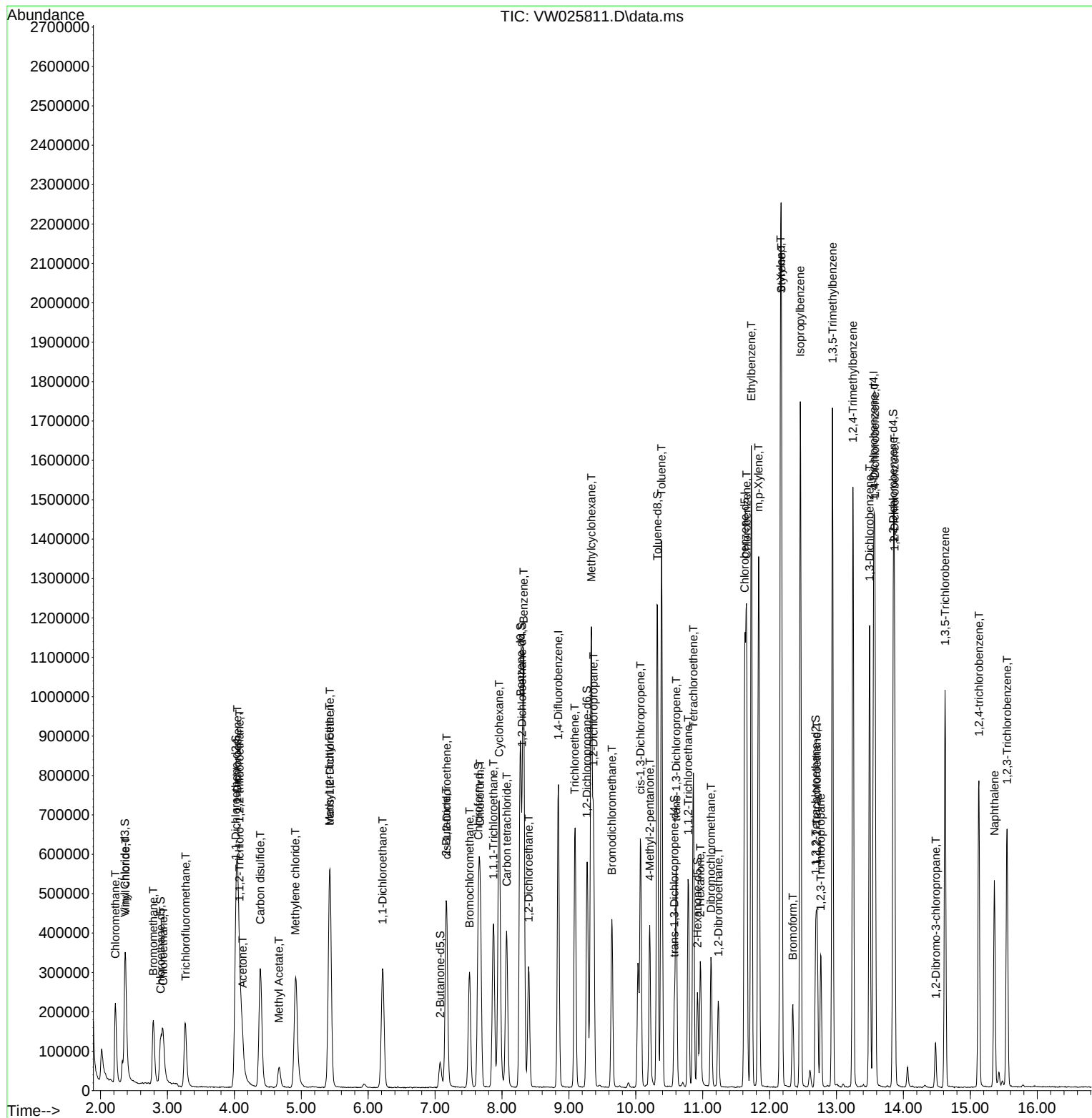
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	427404	25.541	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	334671	25.342	ug/L	99
31) Carbon tetrachloride	8.069	117	300896	25.318	ug/L	98
33) Benzene	8.325	78	940434	25.172	ug/L	100
34) Trichloroethene	9.087	95	236441	24.663	ug/L	94
35) Methylcyclohexane	9.337	83	436137	25.578	ug/L	100
37) 1,2-Dichloropropane	9.368	63	253765	24.792	ug/L	98
38) Bromodichloromethane	9.642	83	287447	24.478	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	360122	23.991	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	286559	43.011	ug/L	99
42) Toluene	10.386	91	972500	25.476	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	293313	23.583	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	160264	23.406	ug/L	98
46) Tetrachloroethene	10.861	164	166688	24.715	ug/L	97
48) 2-Hexanone	10.965	43	214079	44.853	ug/L	99
49) Dibromochloromethane	11.123	129	168572	23.781	ug/L	95
50) 1,2-Dibromoethane	11.233	107	146156	23.155	ug/L	98
51) Chlorobenzene	11.654	112	583034	24.654	ug/L	98
52) Ethylbenzene	11.727	91	1089843	25.380	ug/L	99
53) m,p-Xylene	11.837	106	405880	25.682	ug/L	94
54) o-Xylene	12.166	106	381595	25.617	ug/L	91
55) Styrene	12.178	104	649974	25.493	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	190309	22.275	ug/L	97
59) Bromoform	12.349	173	92103	23.289	ug/L	98
60) Isopropylbenzene	12.459	105	1060920	26.141	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	139673	22.135	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	853235	26.543	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	774911	26.124	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	438595	25.104	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	422586	23.941	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	382449	24.546	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	29289	20.017	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	282277	24.340	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	225122	23.171	ug/L	98
71) Naphthalene	15.360	128	414442	22.601	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	204224	23.690	ug/L	99

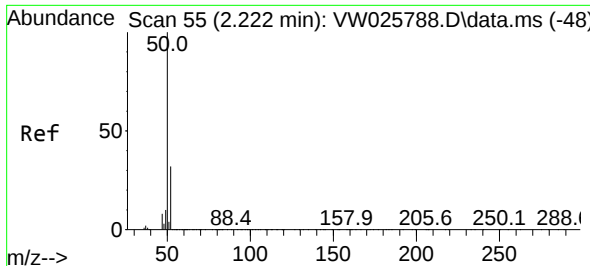
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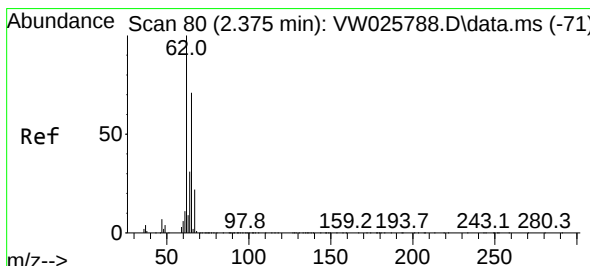
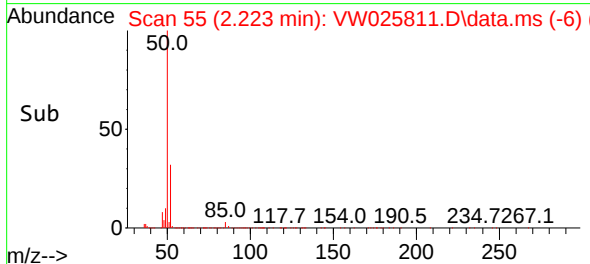
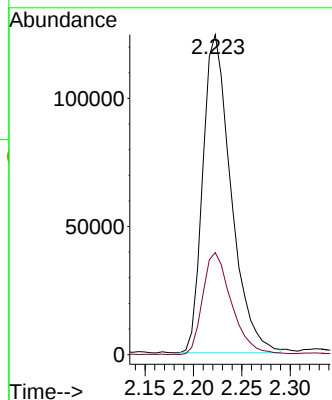
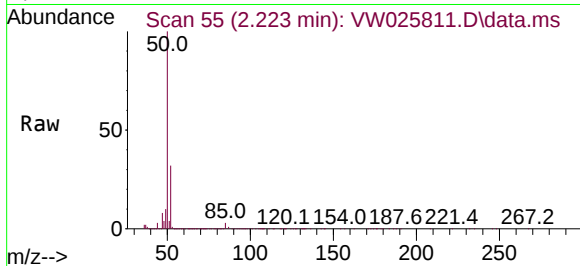




#3
Chloromethane
Concen: 25.262 ug/L
RT: 2.223 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

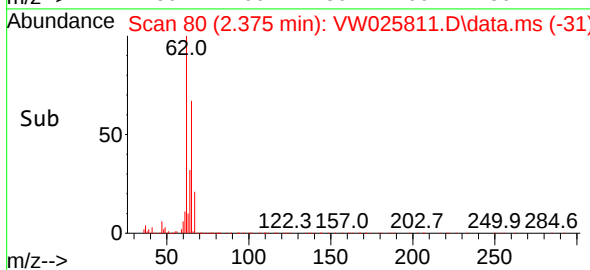
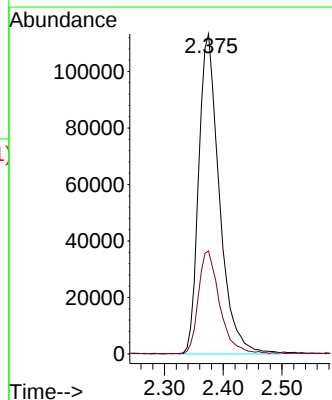
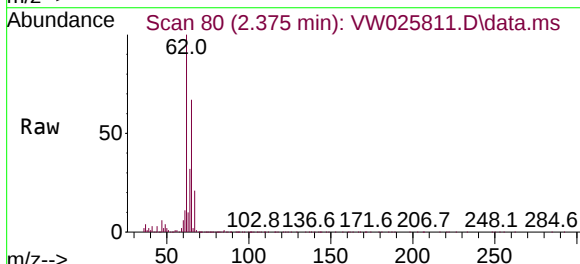
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MSVOA_W
ClientSampleId :
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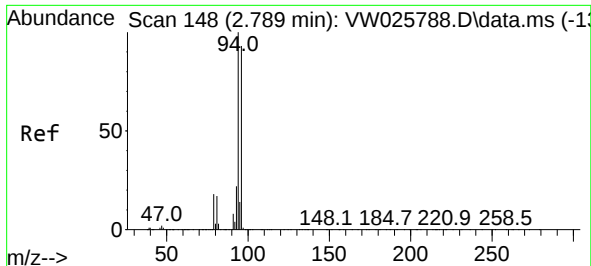
Tgt Ion: 50 Resp: 252001
Ion Ratio Lower Upper
50 100
52 31.9 22.1 41.1



#5
Vinyl chloride
Concen: 26.869 ug/L
RT: 2.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion: 62 Resp: 277421
Ion Ratio Lower Upper
62 100
64 32.2 22.7 42.3

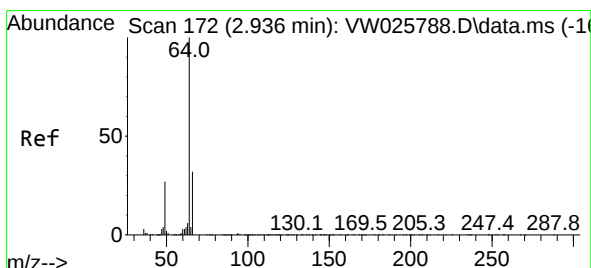
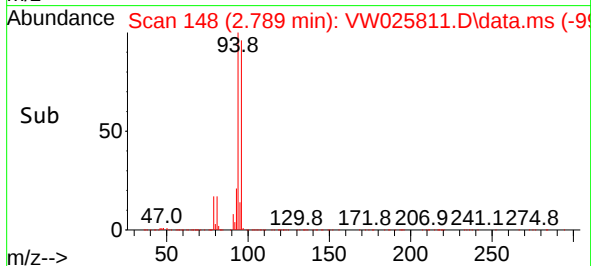
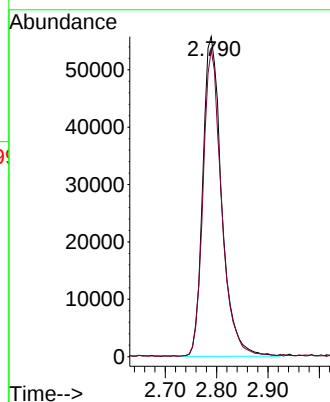
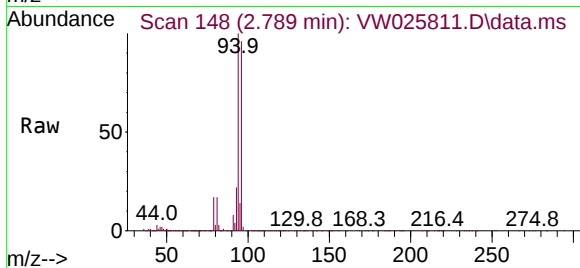




#6
Bromomethane
Concen: 25.239 ug/L
RT: 2.789 min Scan# 148
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

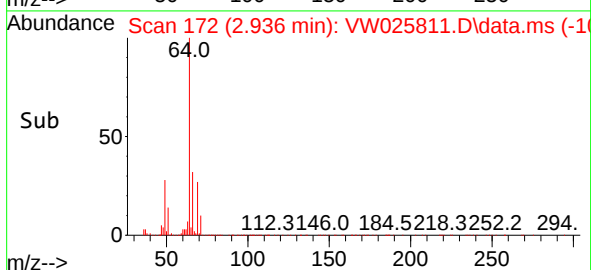
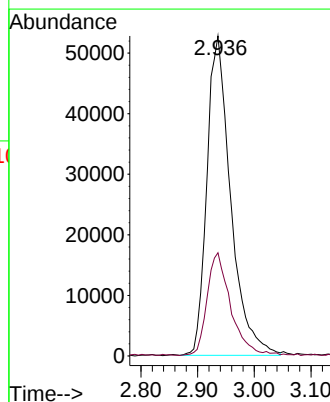
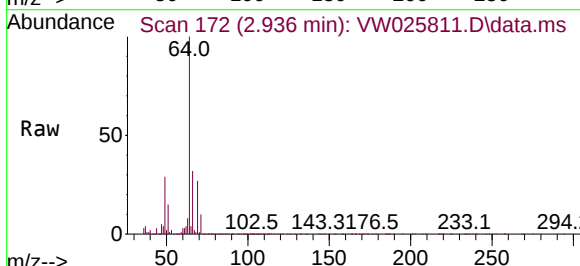
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ClientSampleId :
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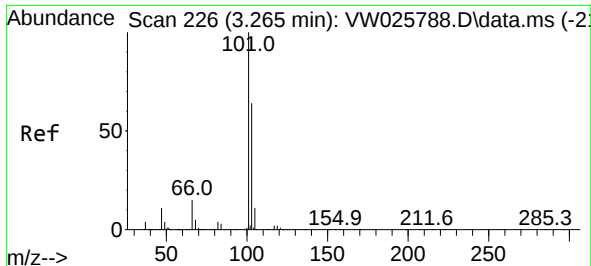
Tgt Ion: 94 Resp: 141733
Ion Ratio Lower Upper
94 100
96 95.9 63.1 117.1



#8
Chloroethane
Concen: 26.155 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion: 64 Resp: 153556
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.3

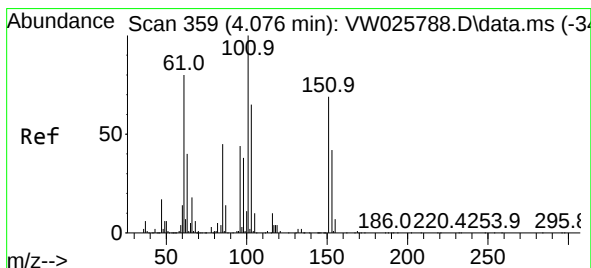
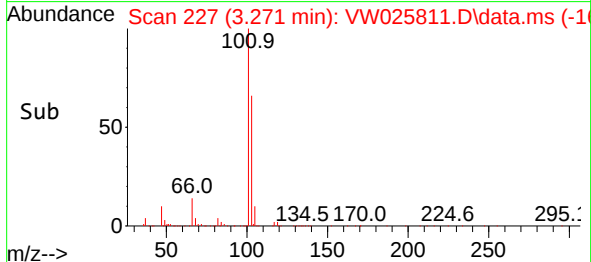
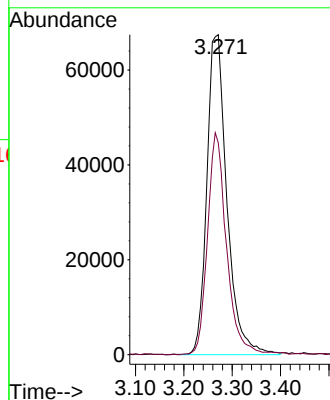
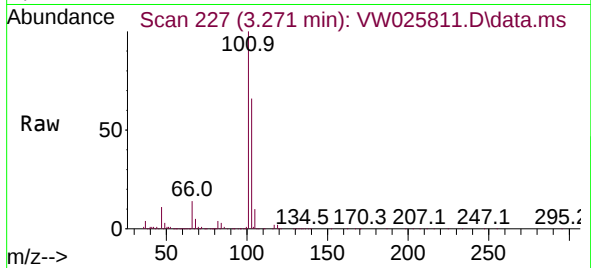




#9
 Trichlorofluoromethane
 Concen: 24.971 ug/L
 RT: 3.271 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025811.D
 Acq: 03 May 2023 08:21

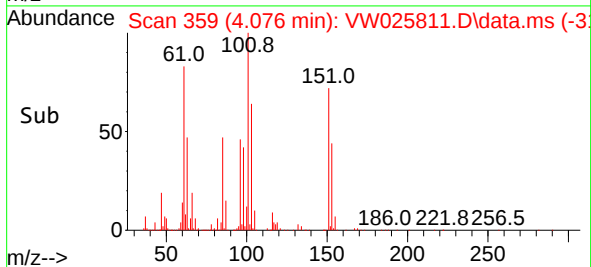
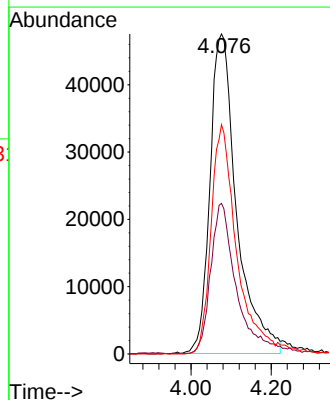
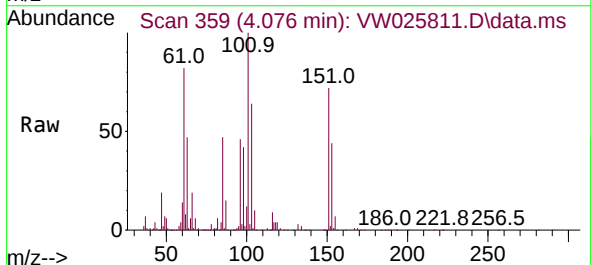
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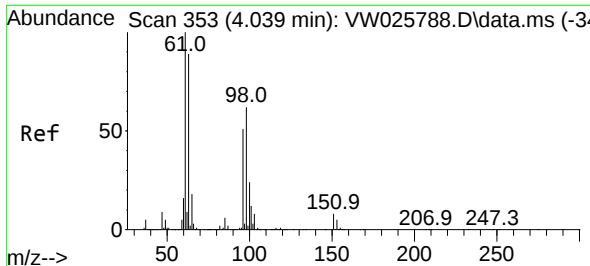
Tgt Ion:101 Resp: 194572
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.6 76.0



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.891 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW025811.D
 Acq: 03 May 2023 08:21

Tgt Ion:101 Resp: 219404
 Ion Ratio Lower Upper
 101 100
 85 44.0 33.9 50.9
 151 68.0 54.2 81.2

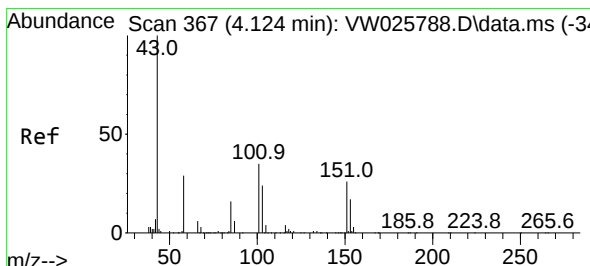
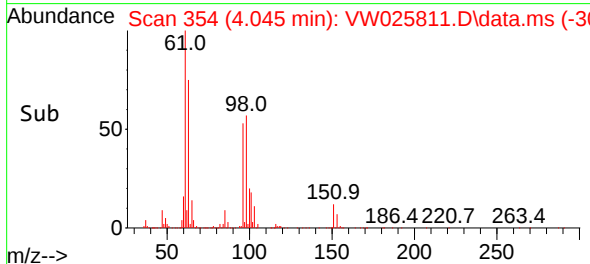
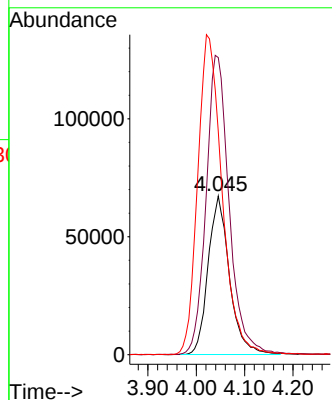
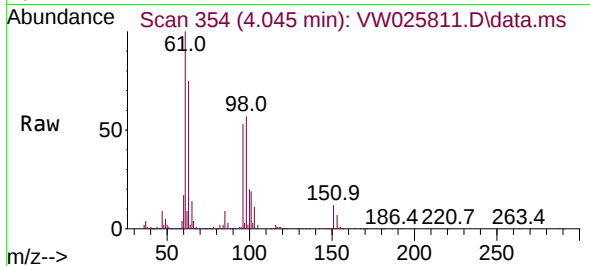




#12
1,1-Dichloroethene
Concen: 25.498 ug/L
RT: 4.045 min Scan# 353
Delta R.T. 0.006 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

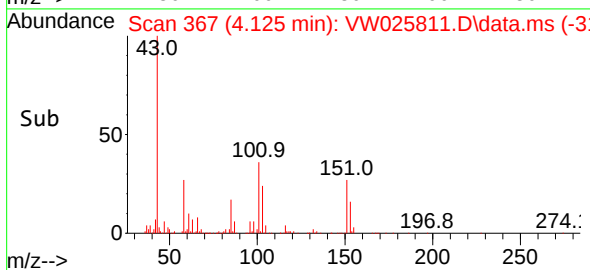
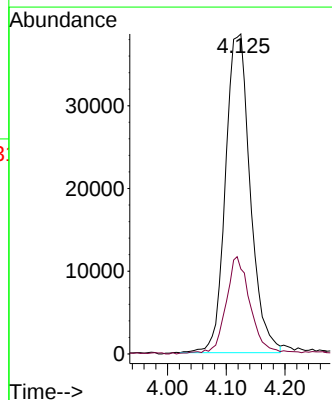
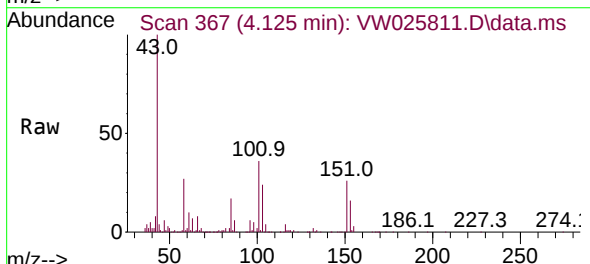
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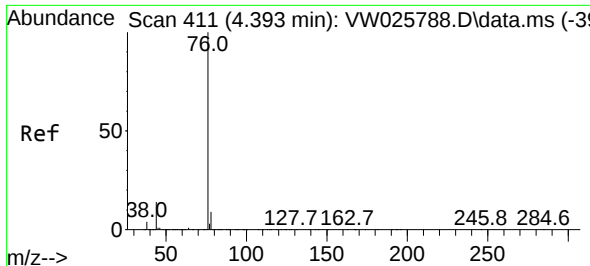
Tgt Ion: 96 Resp: 206505
Ion Ratio Lower Upper
96 100
61 187.3 135.0 250.8
63 140.7 104.9 194.7



#13
Acetone
Concen: 44.850 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion: 43 Resp: 112817
Ion Ratio Lower Upper
43 100
58 28.2 0.0 58.2

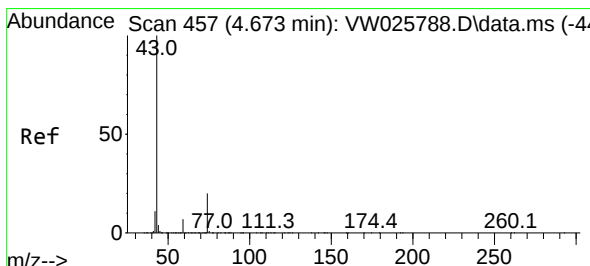
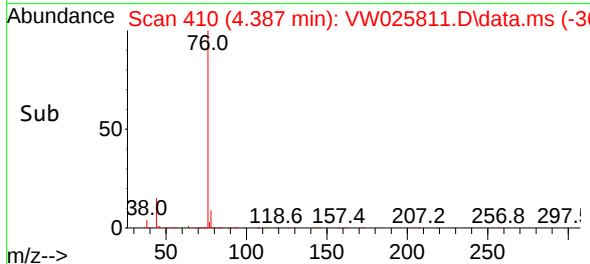
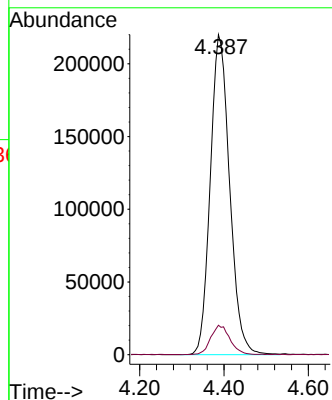
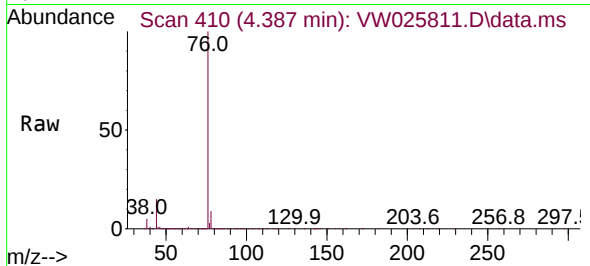




#14
Carbon disulfide
Concen: 25.590 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

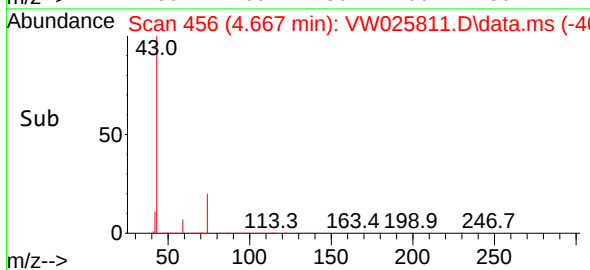
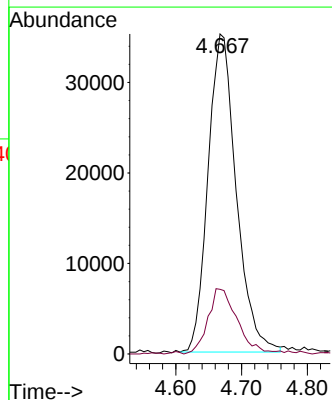
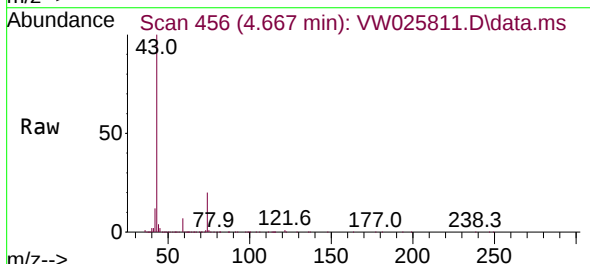
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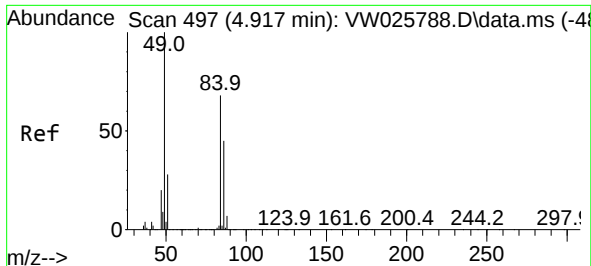
Tgt Ion: 76 Resp: 700872
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#15
Methyl Acetate
Concen: 21.161 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW025811.D
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Tgt Ion: 43 Resp: 104895
Ion Ratio Lower Upper
43 100
74 20.9 16.5 24.7

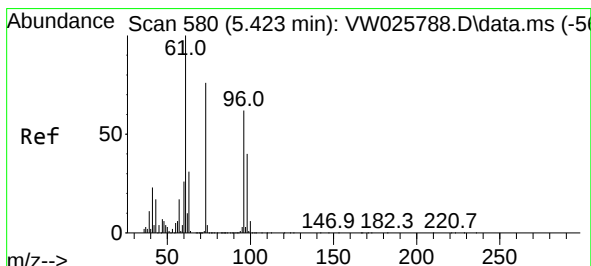
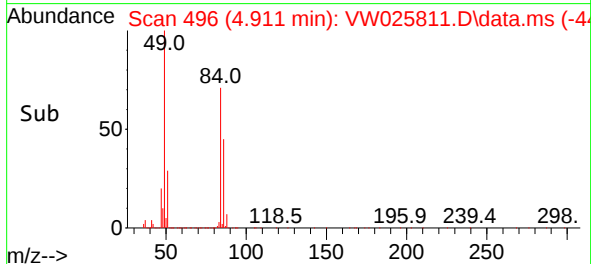
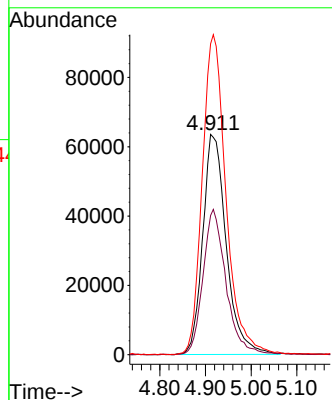
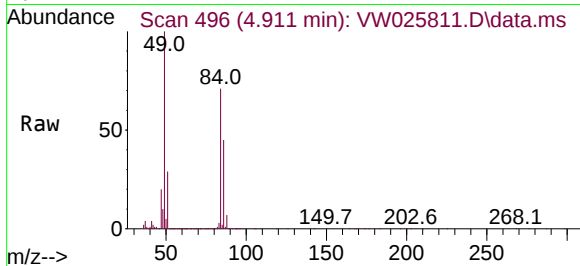




#16
Methylene chloride
Concen: 18.140 ug/L
RT: 4.911 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

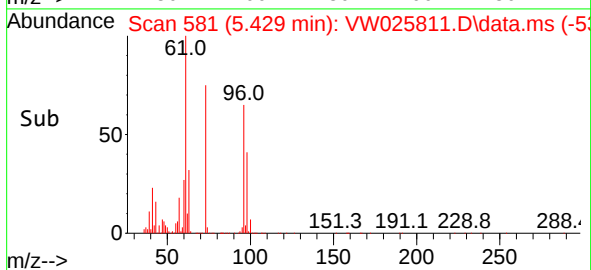
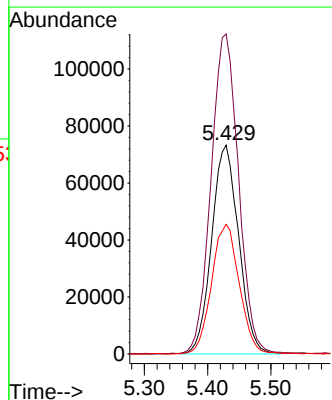
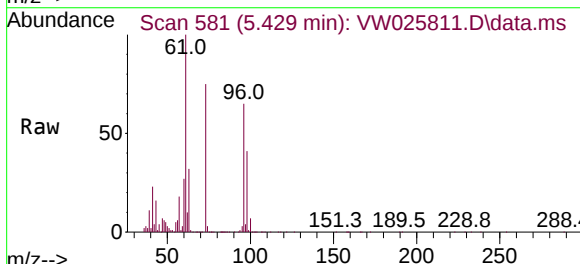
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

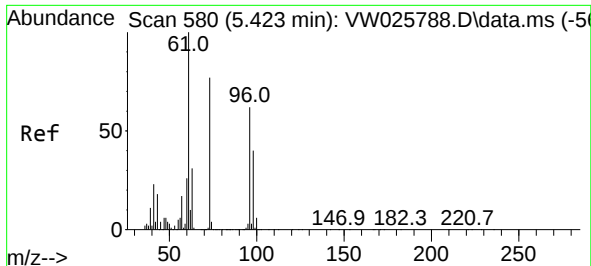
Tgt Ion: 84 Resp: 226537
Ion Ratio Lower Upper
84 100
86 63.2 41.7 77.5
49 141.2 95.3 177.1



#17
trans-1,2-Dichloroethene
Concen: 24.602 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion: 96 Resp: 217367
Ion Ratio Lower Upper
96 100
61 153.2 108.1 200.9
98 62.1 44.0 81.8

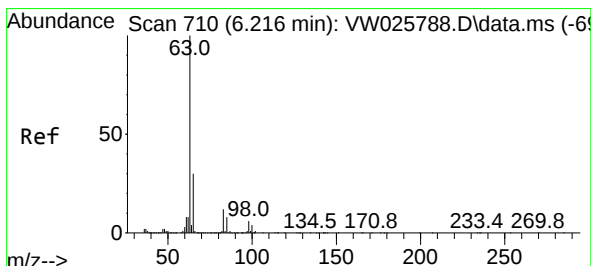
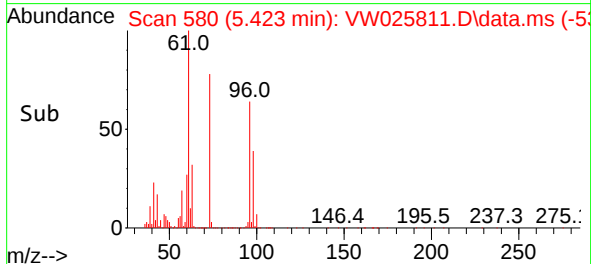
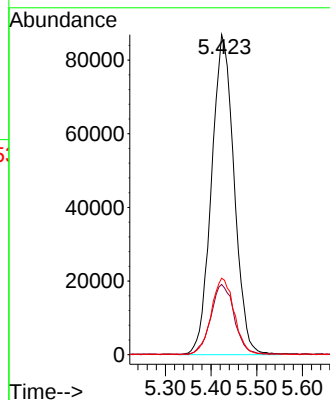
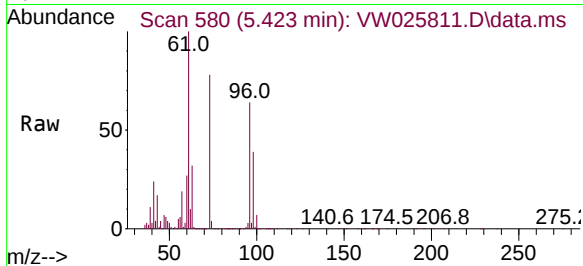




#18
Methyl tert-butyl Ether
Concen: 22.256 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

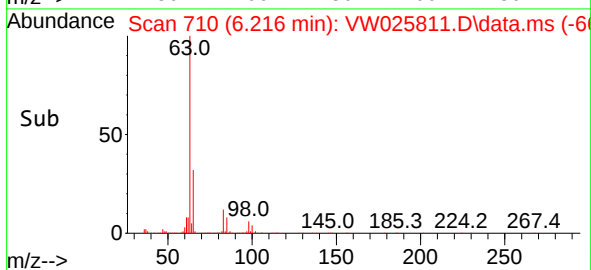
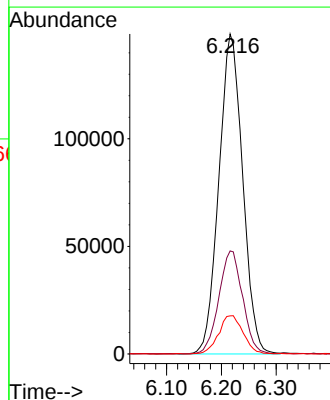
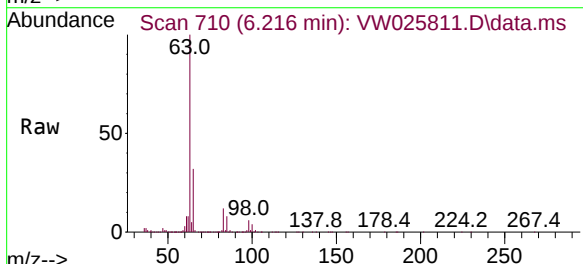
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

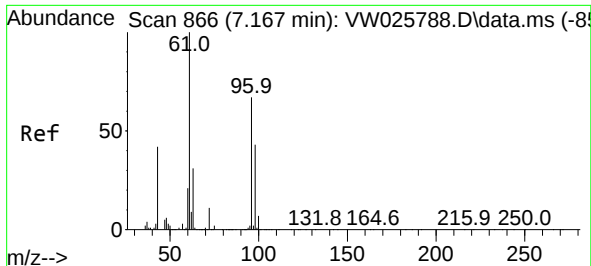
Tgt Ion: 73 Resp: 298439
Ion Ratio Lower Upper
73 100
43 22.8 18.2 27.4
57 24.4 19.2 28.8



#19
1,1-Dichloroethane
Concen: 24.706 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion: 63 Resp: 448468
Ion Ratio Lower Upper
63 100
65 32.2 22.4 41.6
83 11.9 8.7 16.1

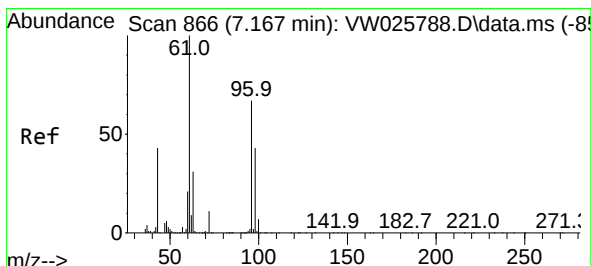
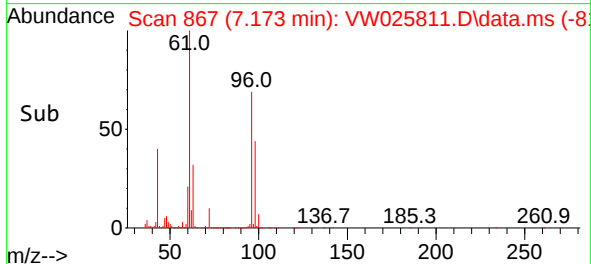
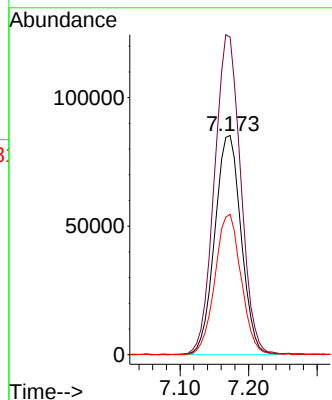
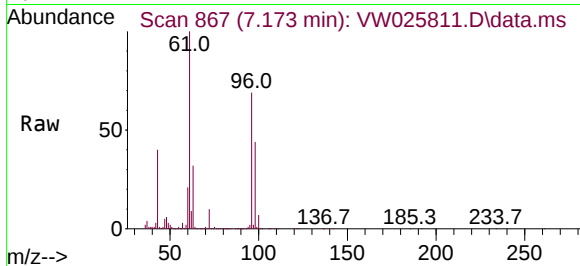




#20
 cis-1,2-Dichloroethene
 Concen: 24.045 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW025811.D
 Acq: 03 May 2023 08:21

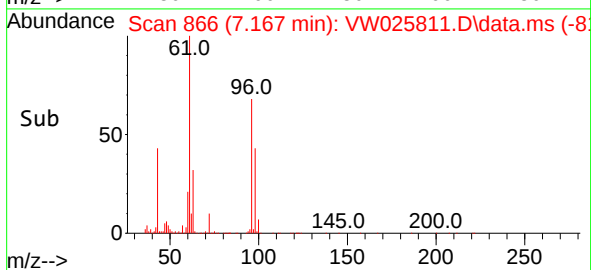
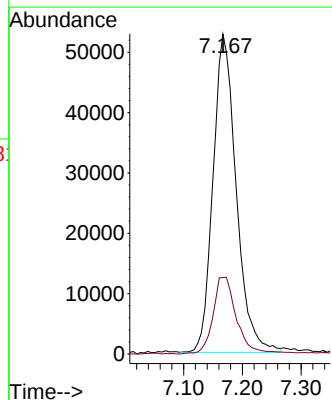
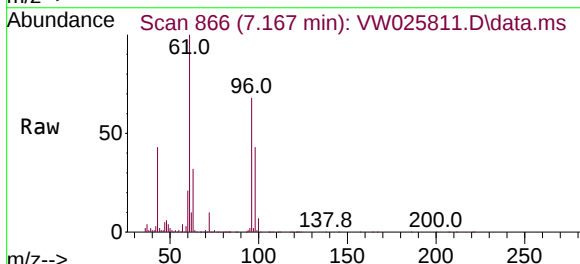
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025592

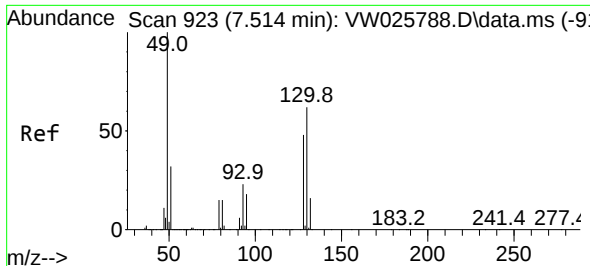
Tgt Ion: 96 Resp: 227921
 Ion Ratio Lower Upper
 96 100
 61 144.9 98.6 183.0
 98 64.0 45.2 84.0



#22
 2-Butanone
 Concen: 41.633 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW025811.D
 Acq: 03 May 2023 08:21

Tgt Ion: 43 Resp: 144605
 Ion Ratio Lower Upper
 43 100
 72 24.3 11.8 35.4

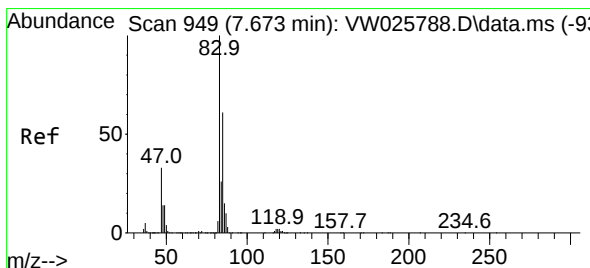
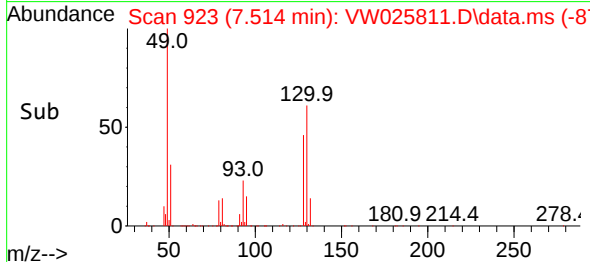
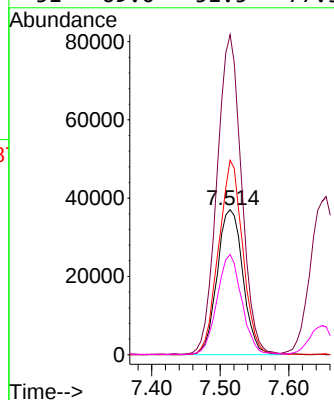
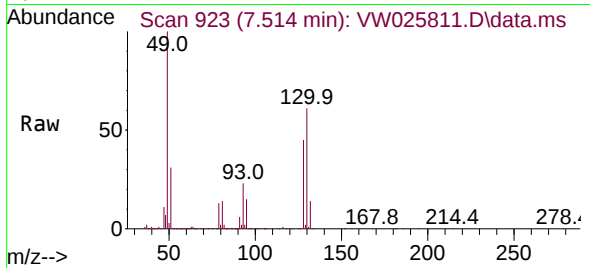




#23
Bromochloromethane
Concen: 24.044 ug/L
RT: 7.514 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

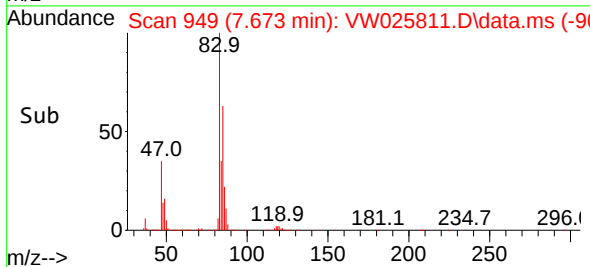
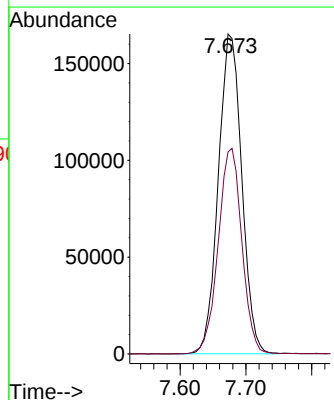
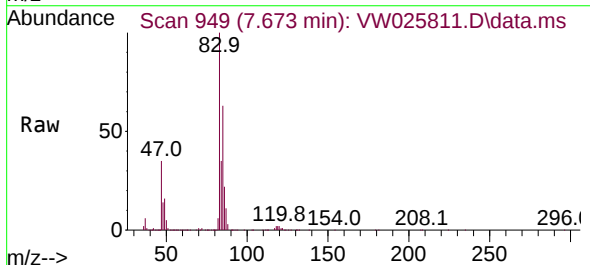
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

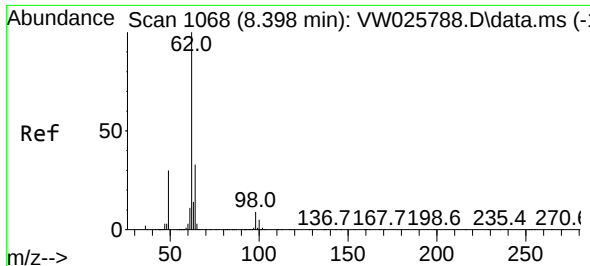
Tgt Ion:	128	Resp:	96552
Ion Ratio	Lower	Upper	
128	100		
49	220.7	151.5	281.5
130	134.1	91.3	169.6
51	69.0	51.5	77.3



#25
Chloroform
Concen: 24.568 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion:	83	Resp:	409881
Ion Ratio	Lower	Upper	
83	100		
85	63.2	45.1	83.9





#27

1,2-Dichloroethane

Concen: 23.590 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

Instrument :

MSVOA_W

ClientSampleId :

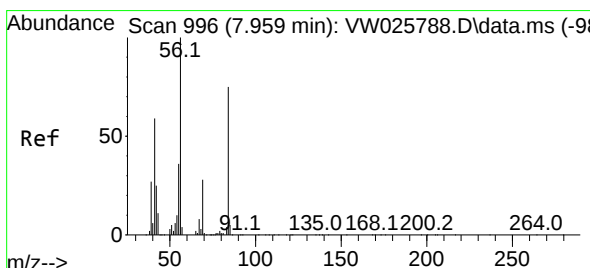
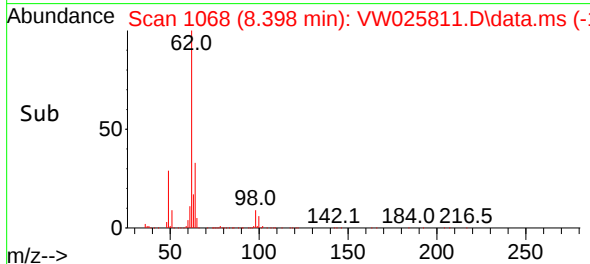
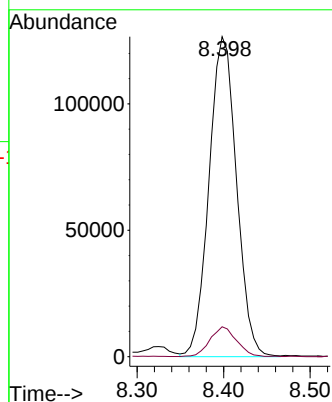
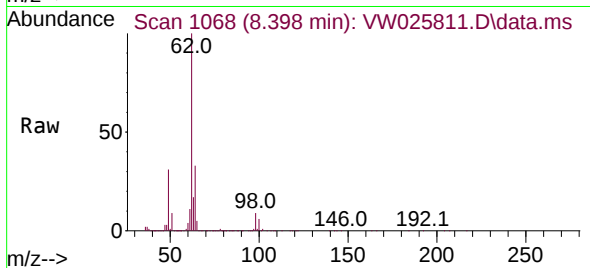
VSTD025592

Tgt Ion: 62 Resp: 279511

Ion Ratio Lower Upper

62 100

98 9.3 7.2 10.8



#29

Cyclohexane

Concen: 25.541 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

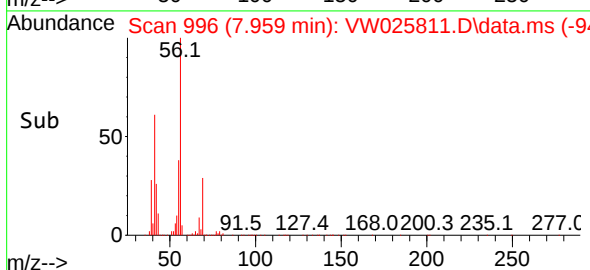
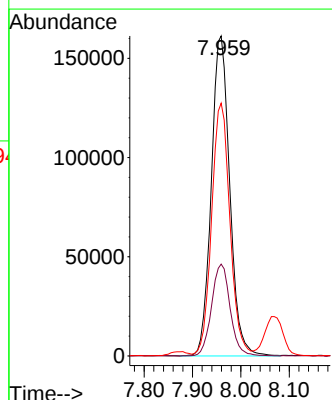
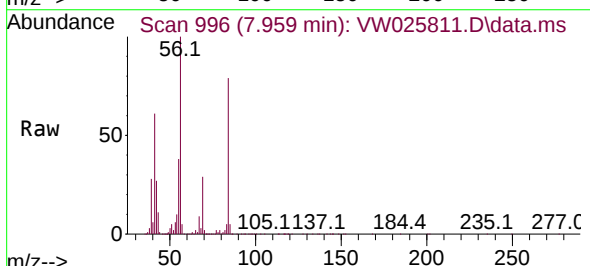
Tgt Ion: 56 Resp: 427404

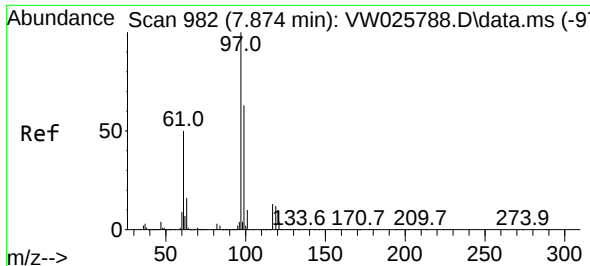
Ion Ratio Lower Upper

56 100

69 28.9 23.4 35.0

84 78.2 63.3 94.9

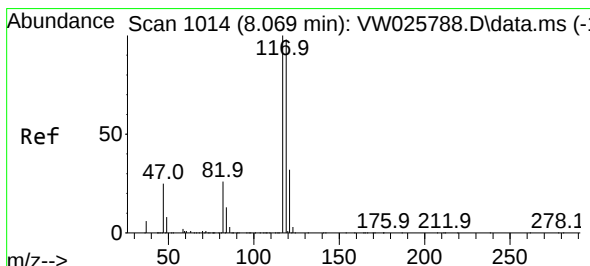
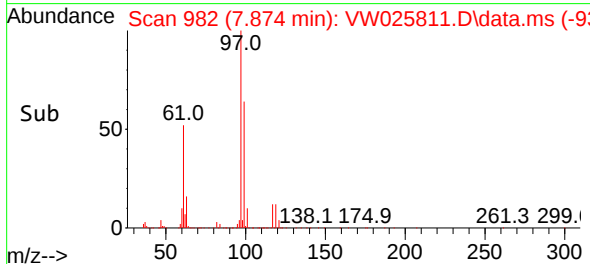
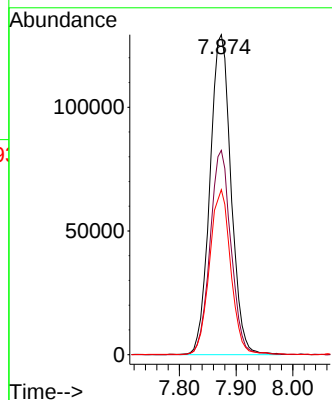
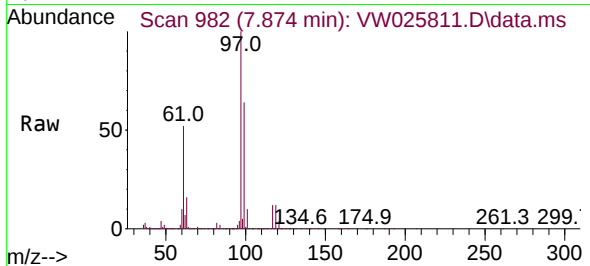




#30
1,1,1-Trichloroethane
Concen: 25.342 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

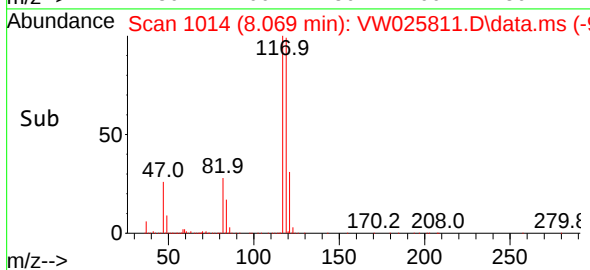
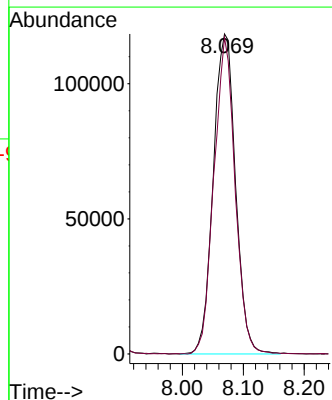
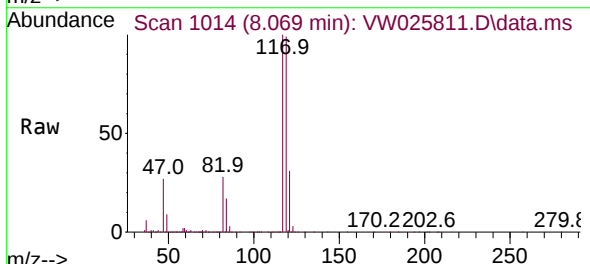
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

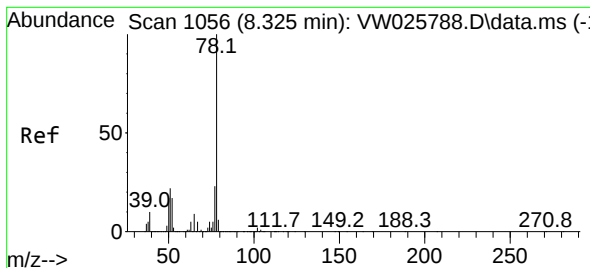
Tgt Ion: 97 Resp: 334671
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 51.5 40.4 60.6



#31
Carbon tetrachloride
Concen: 25.318 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion: 117 Resp: 300896
Ion Ratio Lower Upper
117 100
119 93.8 76.9 115.3





#33

Benzene

Concen: 25.172 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

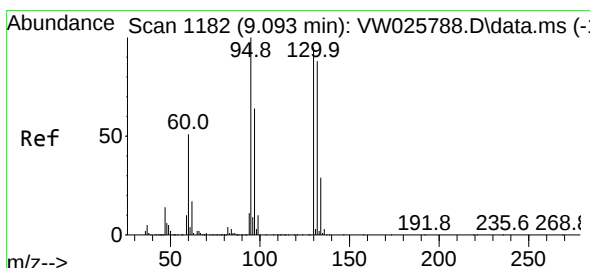
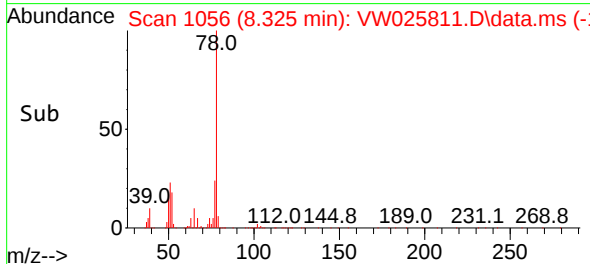
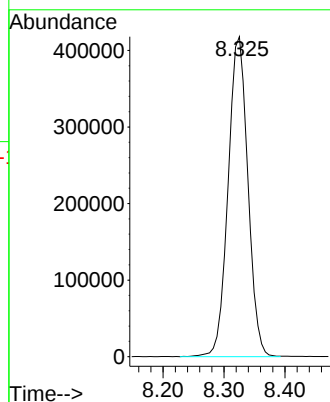
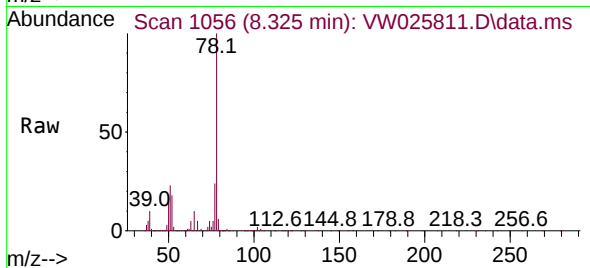
Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

Tgt Ion: 78 Resp: 940434



#34

Trichloroethene

Concen: 24.663 ug/L

RT: 9.087 min Scan# 1181

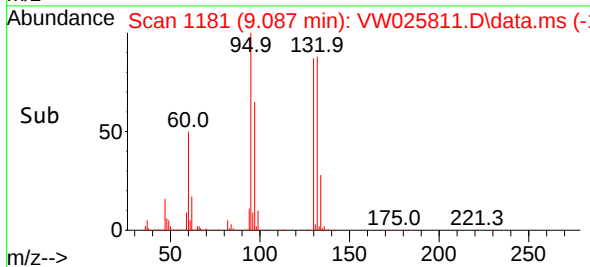
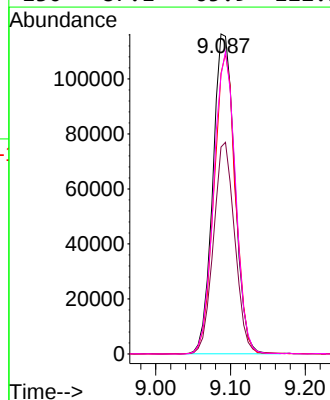
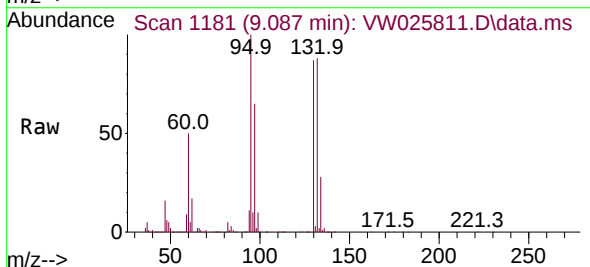
Delta R.T. -0.006 min

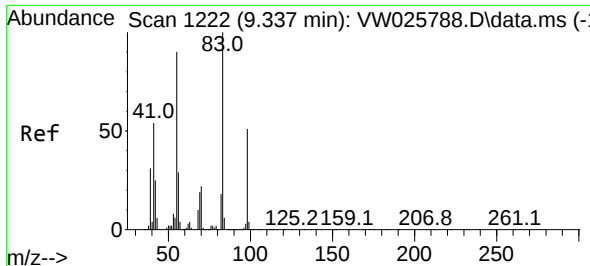
Lab File: VW025811.D

Acq: 03 May 2023 08:21

Tgt Ion: 95 Resp: 236441

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.9	85.3
132	87.7	66.0	122.6
130	87.1	65.9	122.3

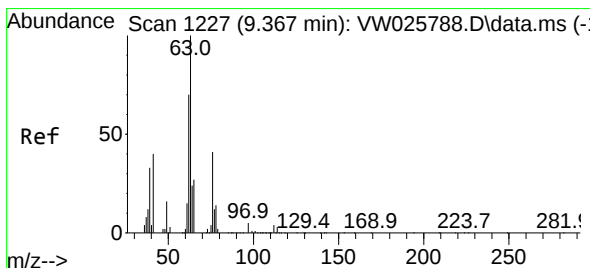
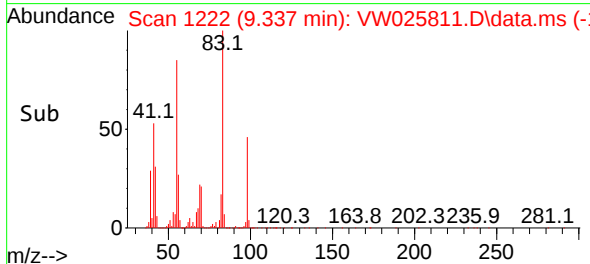
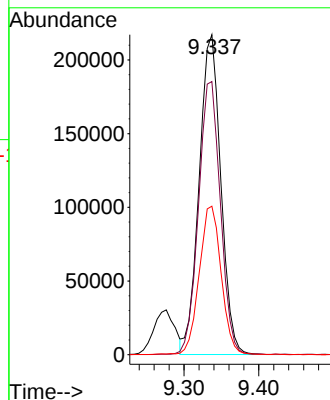
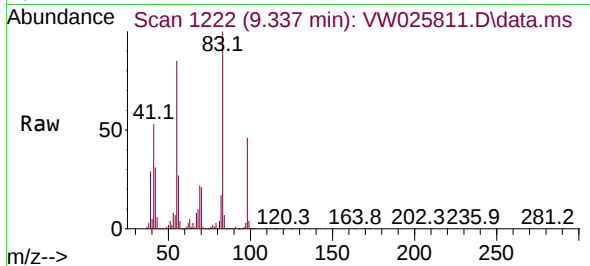




#35
Methylcyclohexane
Concen: 25.578 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

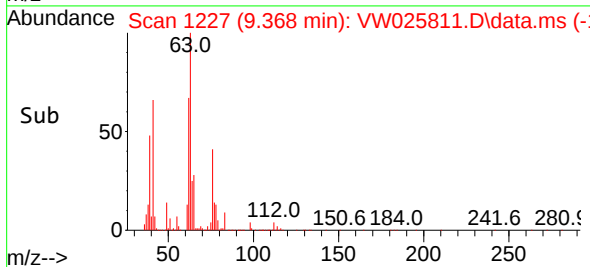
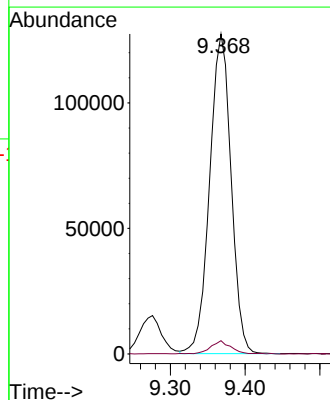
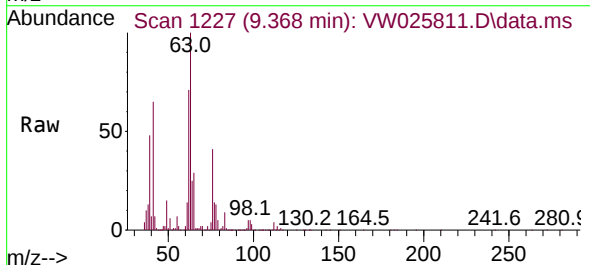
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

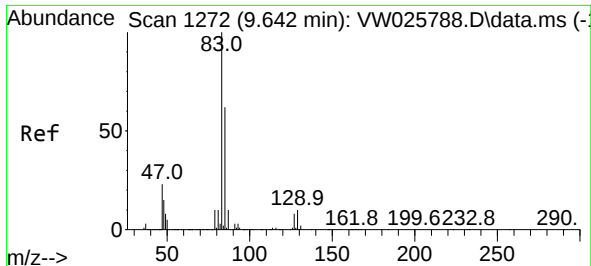
Tgt Ion: 83 Resp: 436137
Ion Ratio Lower Upper
83 100
55 86.3 69.0 103.4
98 47.0 37.1 55.7



#37
1,2-Dichloropropane
Concen: 24.792 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion: 63 Resp: 253765
Ion Ratio Lower Upper
63 100
112 3.6 3.3 4.9

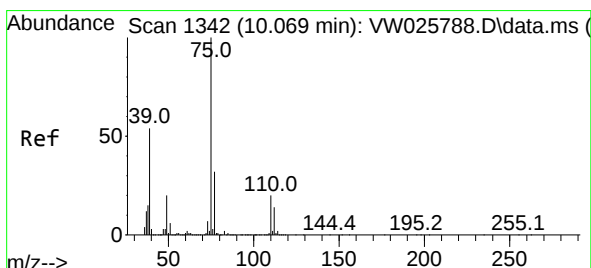
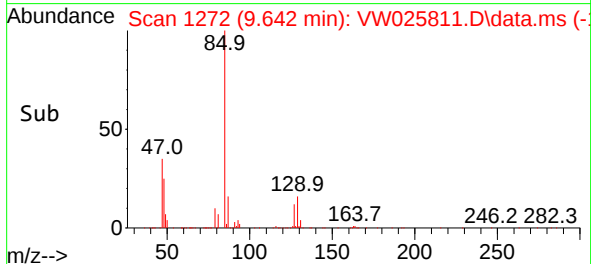
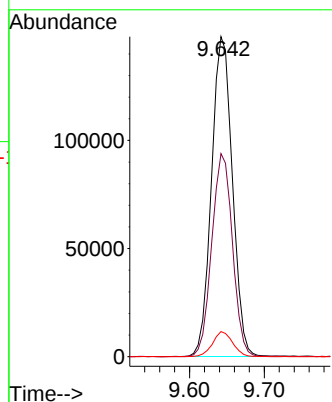
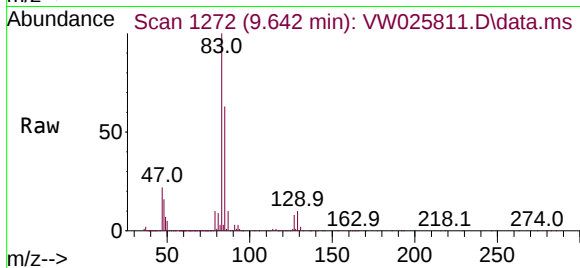




#38
Bromodichloromethane
Concen: 24.478 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

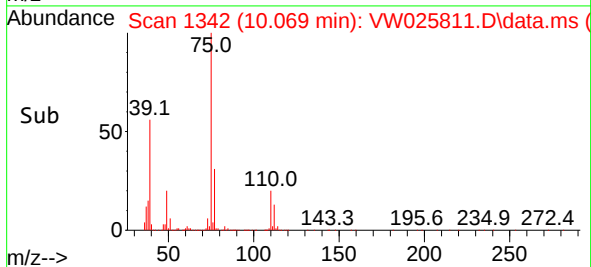
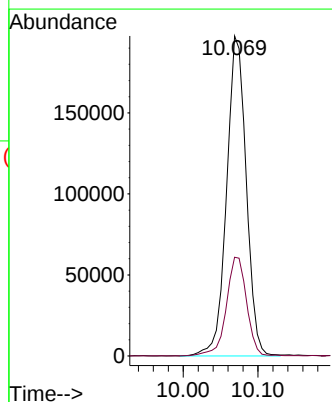
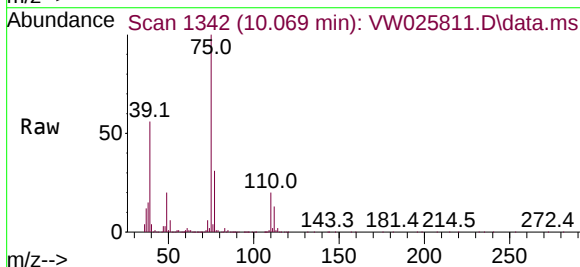
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

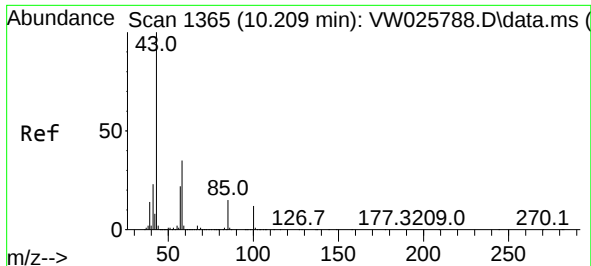
Tgt Ion: 83 Resp: 287447
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.5
127 7.9 6.5 9.7



#39
cis-1,3-Dichloropropene
Concen: 23.991 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion: 75 Resp: 360122
Ion Ratio Lower Upper
75 100
77 30.9 22.4 41.6

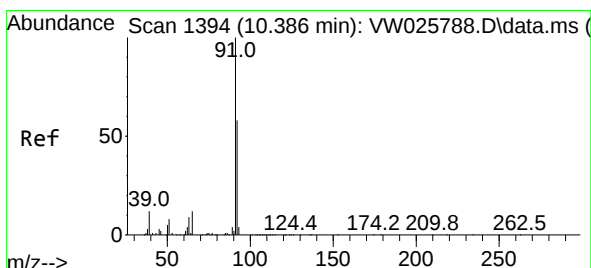
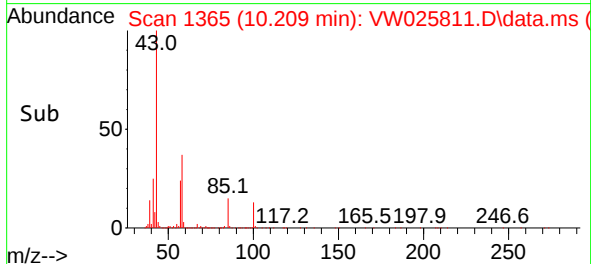
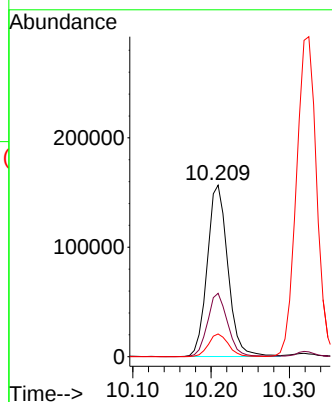
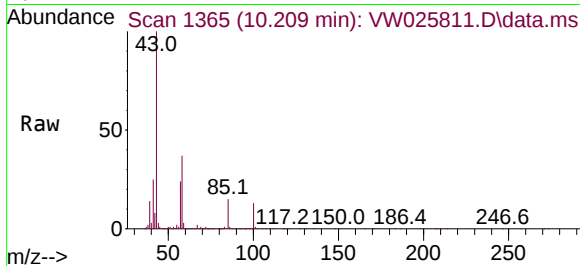




#40
4-Methyl-2-pentanone
Concen: 43.011 ug/L
RT: 10.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

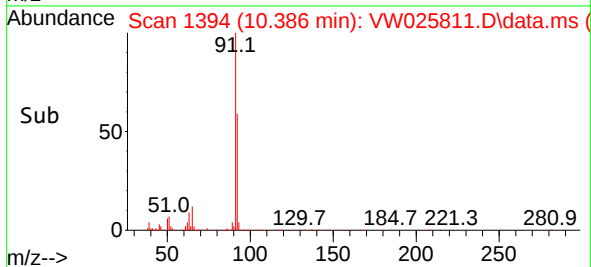
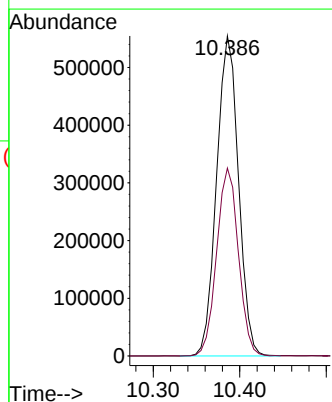
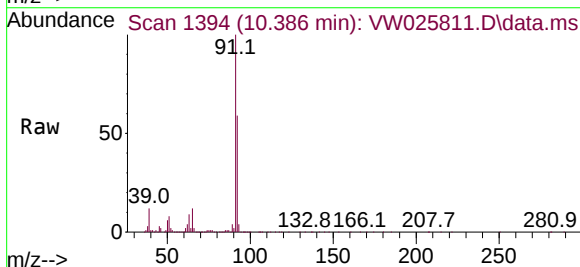
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

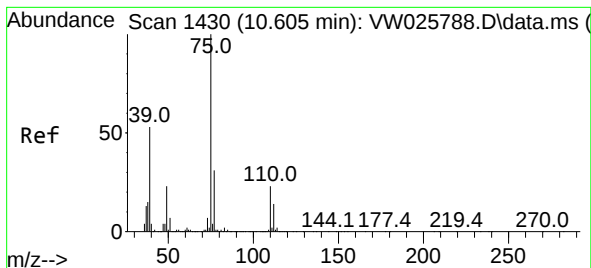
Tgt Ion: 43 Resp: 286559
Ion Ratio Lower Upper
43 100
58 35.9 29.4 44.0
100 13.0 10.1 15.1



#42
Toluene
Concen: 25.476 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion: 91 Resp: 972500
Ion Ratio Lower Upper
91 100
92 58.7 40.2 74.6





#44

trans-1,3-Dichloropropene

Concen: 23.583 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

Instrument :

MSVOA_W

ClientSampleId :

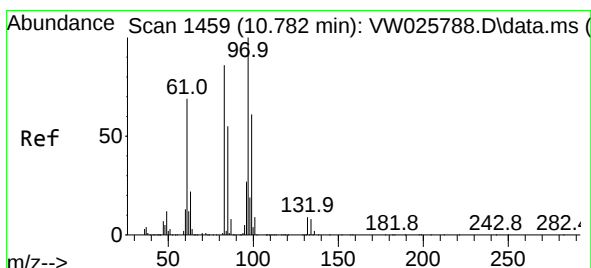
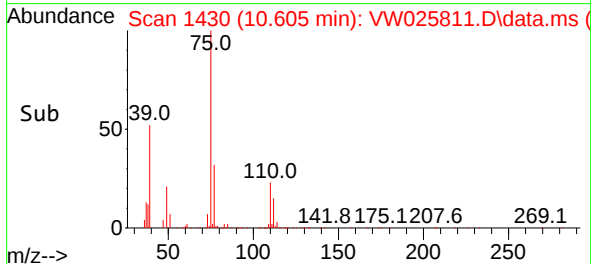
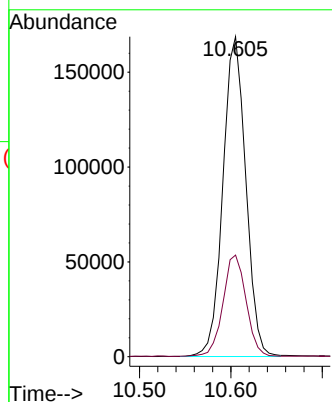
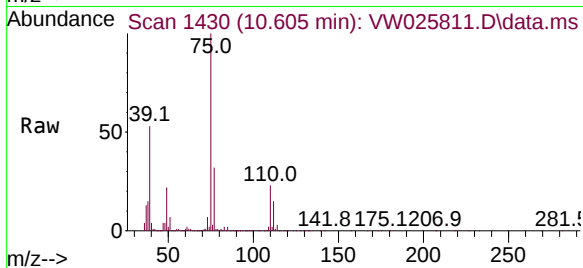
VSTD025592

Tgt Ion: 75 Resp: 293313

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



#45

1,1,2-Trichloroethane

Concen: 23.406 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

Tgt Ion: 97 Resp: 160264

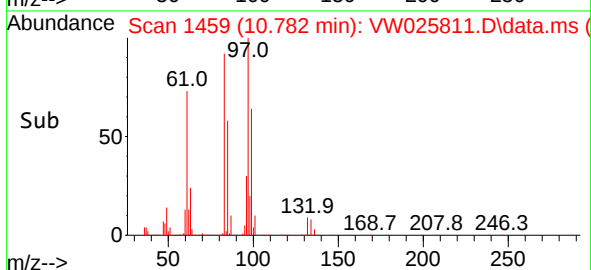
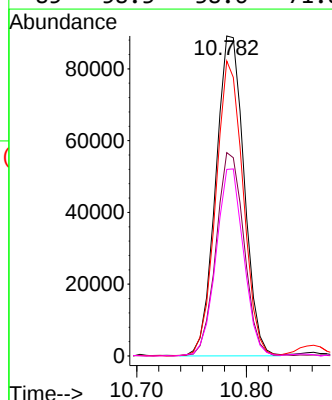
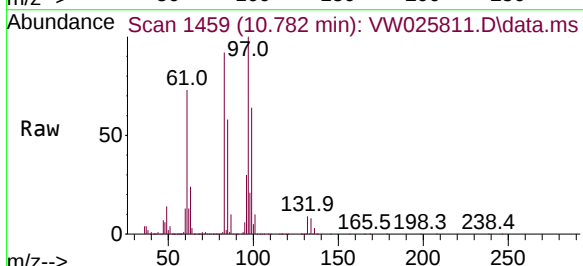
Ion Ratio Lower Upper

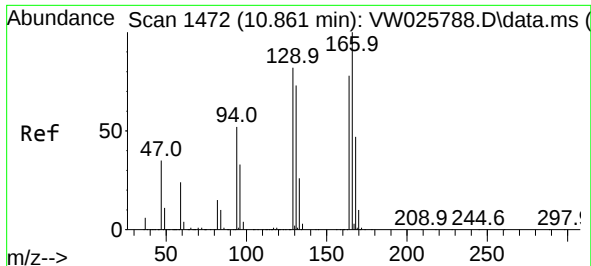
97 100

99 63.6 44.5 82.7

83 92.2 63.0 117.0

85 58.3 38.6 71.8

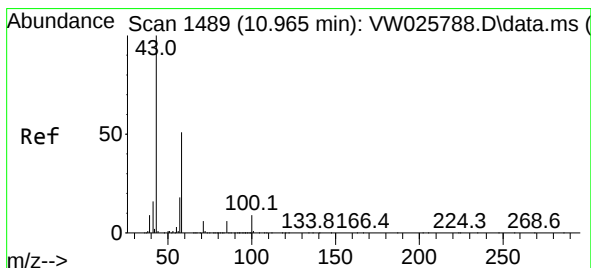
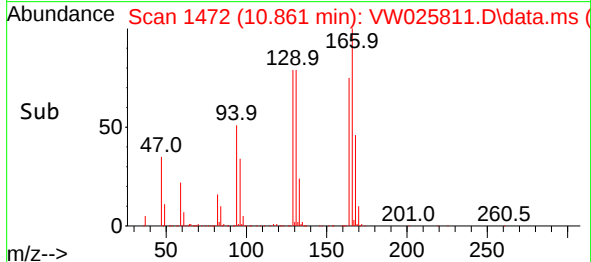
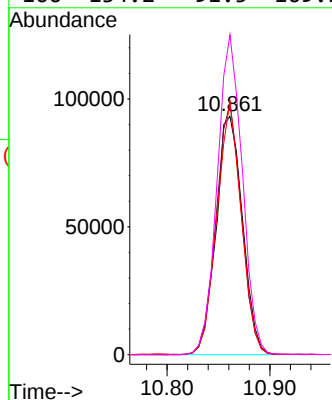
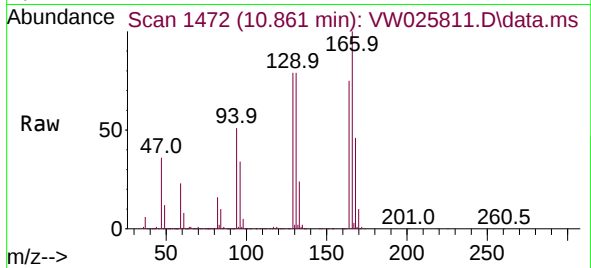




#46
Tetrachloroethene
Concen: 24.715 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

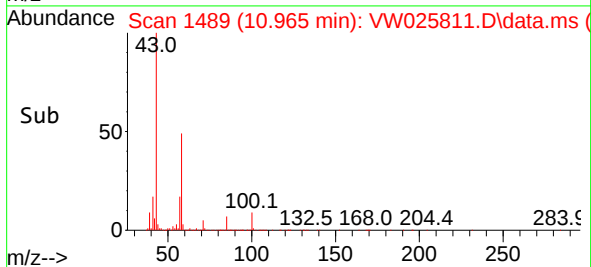
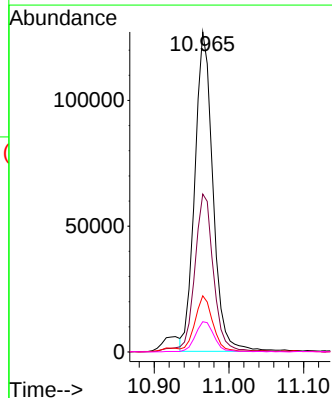
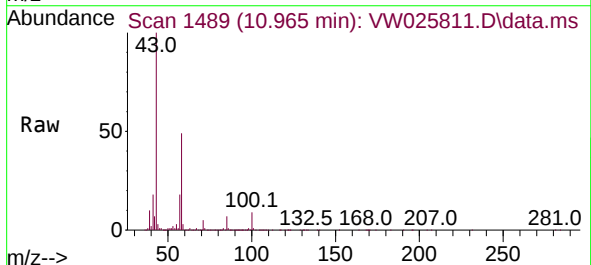
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

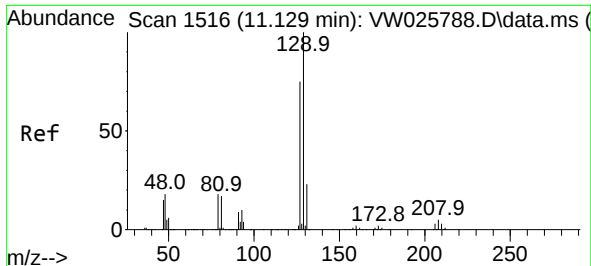
Tgt Ion:164 Resp: 166688
Ion Ratio Lower Upper
164 100
129 105.4 74.3 138.1
131 106.1 71.3 132.3
166 134.2 91.5 169.9



#48
2-Hexanone
Concen: 44.853 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion: 43 Resp: 214079
Ion Ratio Lower Upper
43 100
58 51.6 40.8 61.2
57 16.8 13.6 20.4
100 9.7 8.0 12.0





#49

Dibromochloromethane

Concen: 23.781 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

Instrument :

MSVOA_W

ClientSampleId :

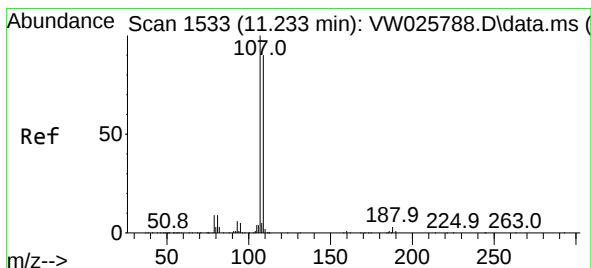
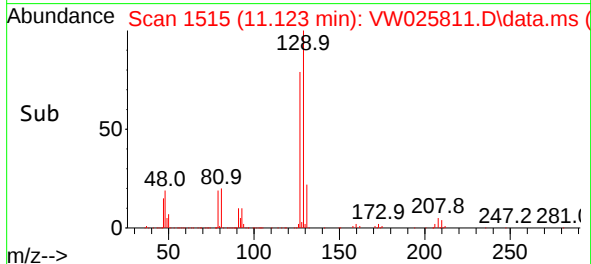
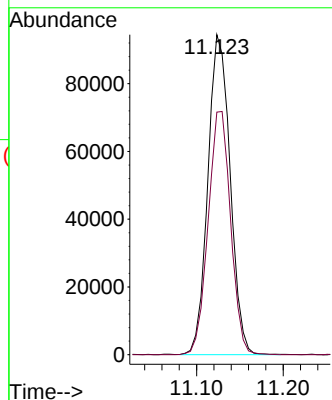
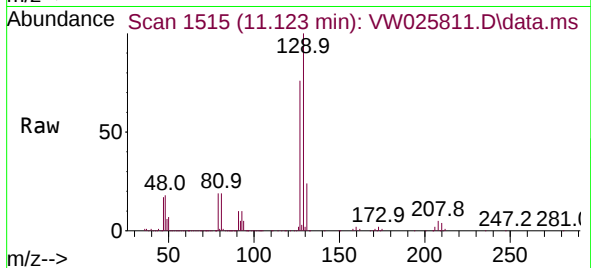
VSTD025592

Tgt Ion:129 Resp: 168572

Ion Ratio Lower Upper

129 100

127 75.8 56.1 104.3



#50

1,2-Dibromoethane

Concen: 23.155 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

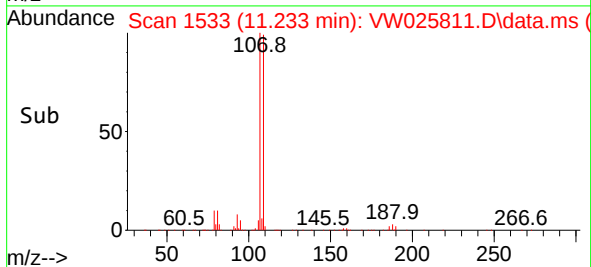
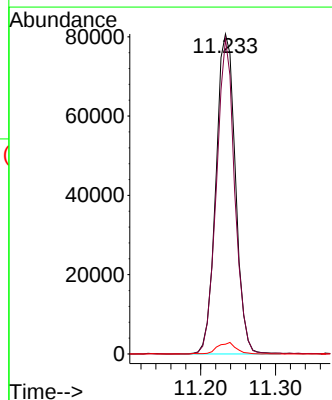
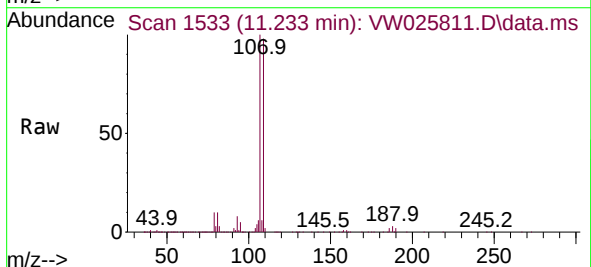
Tgt Ion:107 Resp: 146156

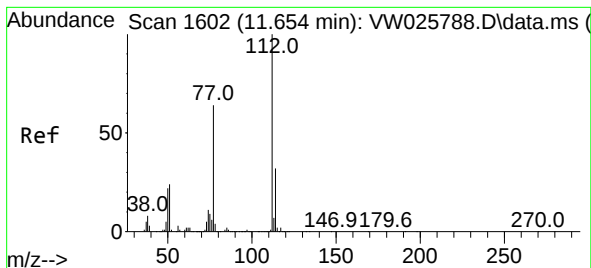
Ion Ratio Lower Upper

107 100

109 98.4 67.5 125.4

188 3.1 2.6 4.0





#51

Chlorobenzene

Concen: 24.654 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

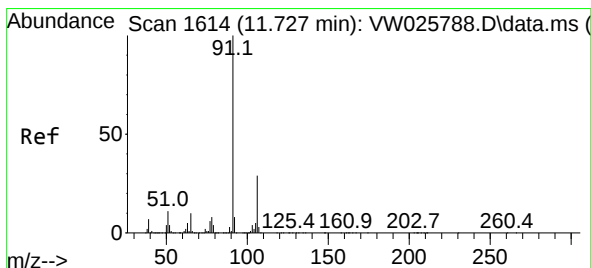
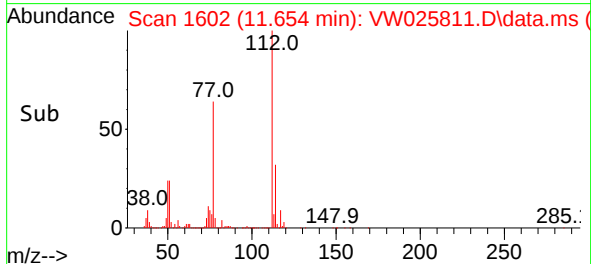
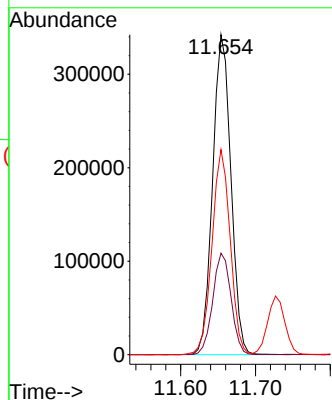
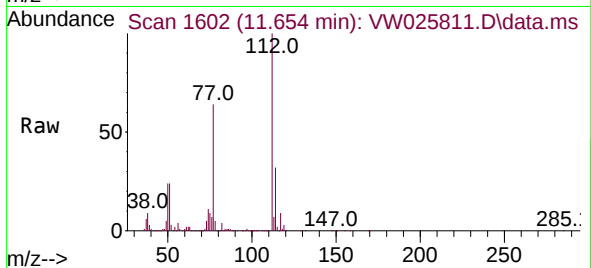
Tgt Ion:112 Resp: 583034

Ion Ratio Lower Upper

112 100

114 31.7 22.7 42.3

77 64.1 53.0 79.6



#52

Ethylbenzene

Concen: 25.380 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW025811.D

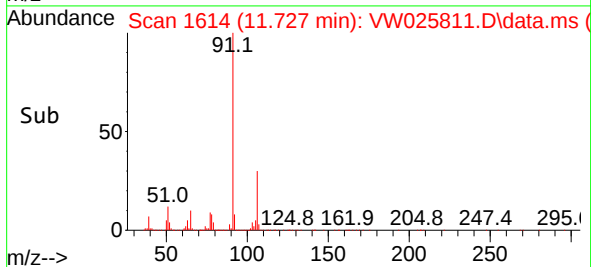
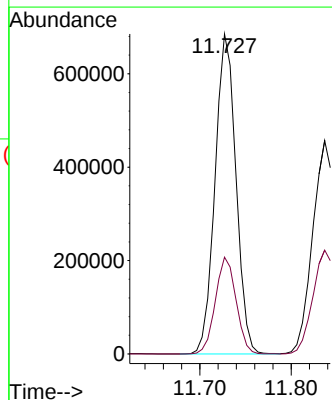
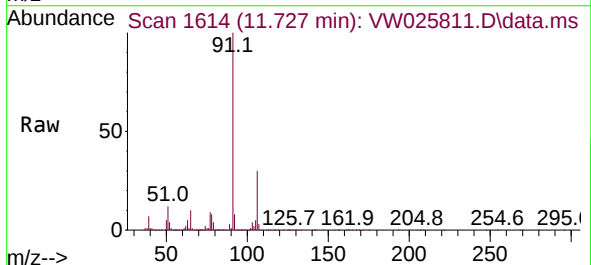
Acq: 03 May 2023 08:21

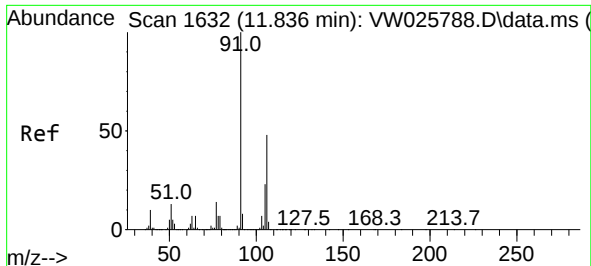
Tgt Ion: 91 Resp: 1089843

Ion Ratio Lower Upper

91 100

106 30.3 20.8 38.6

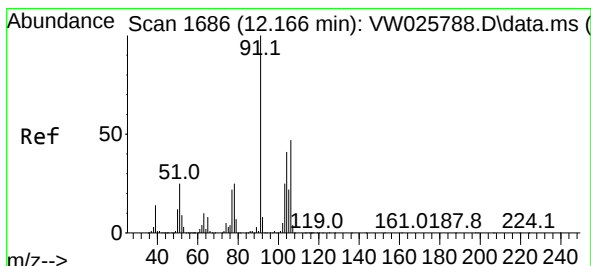
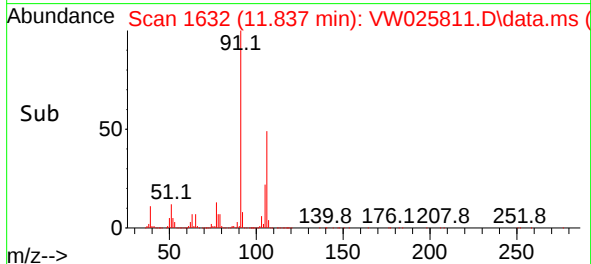
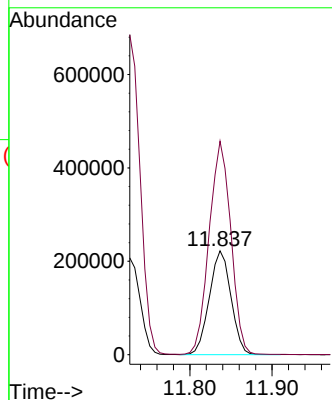
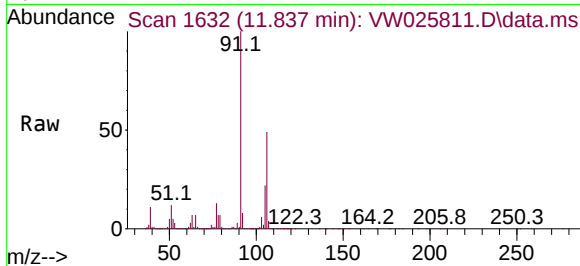




#53
m,p-Xylene
Concen: 25.682 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

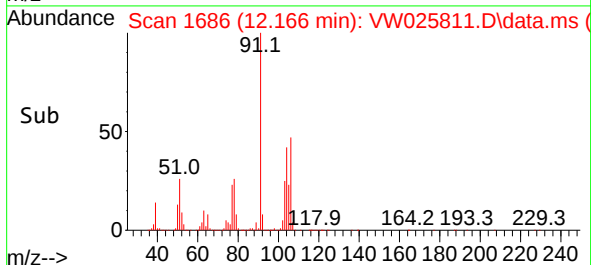
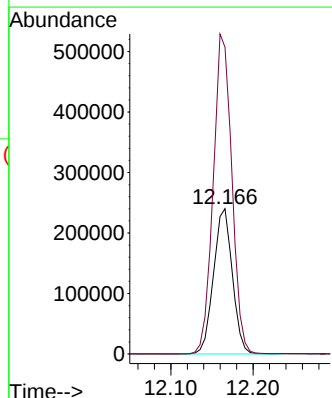
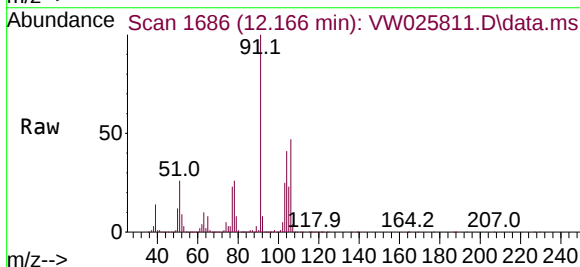
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

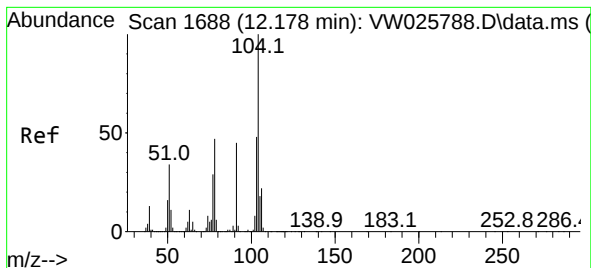
Tgt Ion:106 Resp: 405880
Ion Ratio Lower Upper
106 100
91 205.3 150.1 278.9



#54
o-Xylene
Concen: 25.617 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion:106 Resp: 381595
Ion Ratio Lower Upper
106 100
91 211.0 157.8 293.1





#55

Styrene

Concen: 25.493 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

Instrument :

MSVOA_W

ClientSampleId :

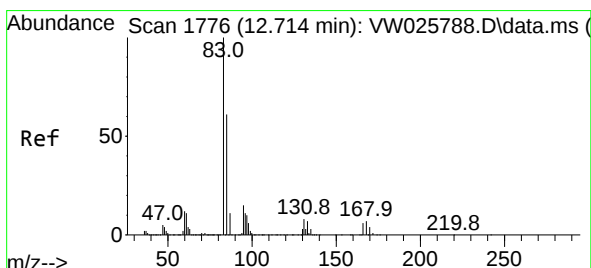
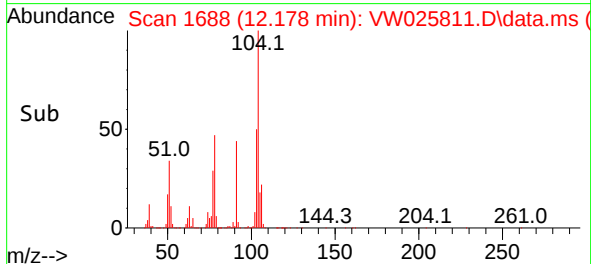
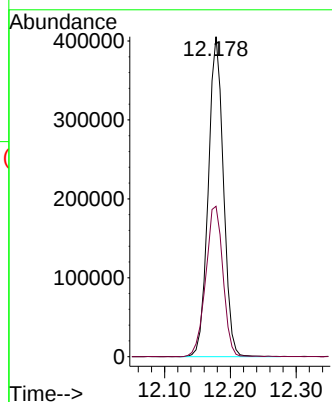
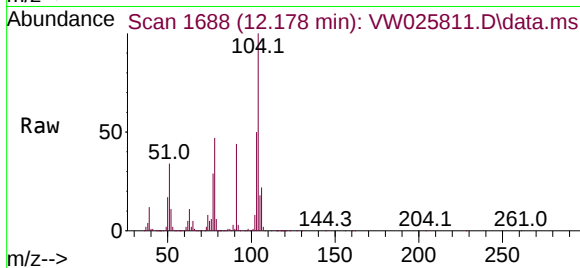
VSTD025592

Tgt Ion:104 Resp: 649974

Ion Ratio Lower Upper

104 100

78 47.0 33.4 62.0



#57

1,1,2,2-Tetrachloroethane

Concen: 22.275 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

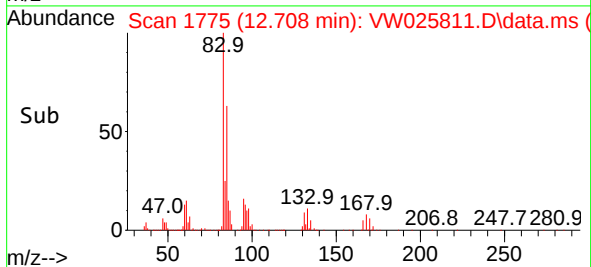
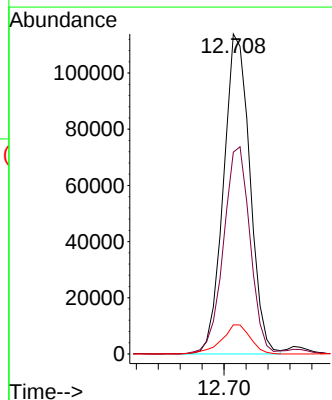
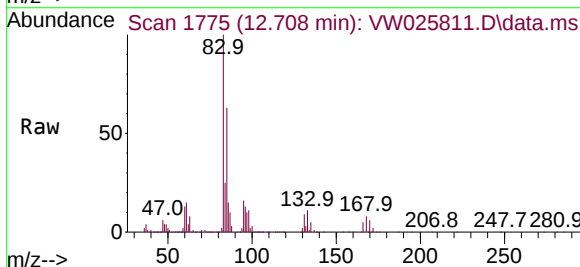
Tgt Ion: 83 Resp: 190309

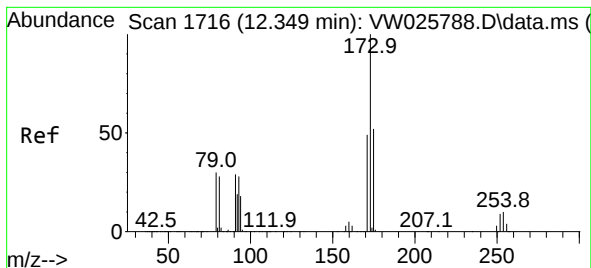
Ion Ratio Lower Upper

83 100

85 63.0 45.6 84.8

131 9.1 8.1 12.1





#59

Bromoform

Concen: 23.289 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

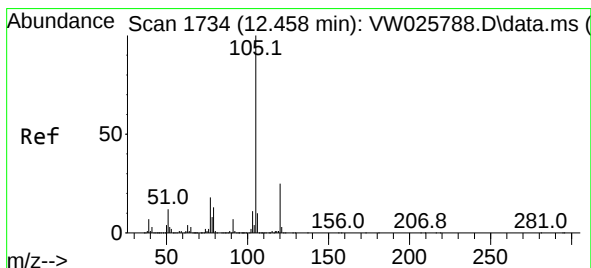
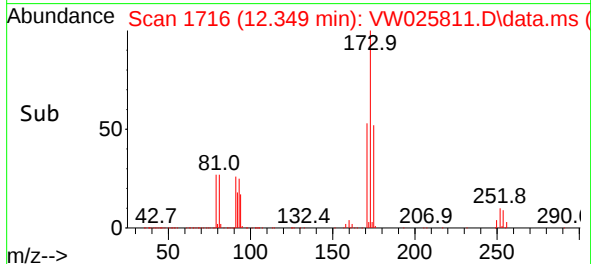
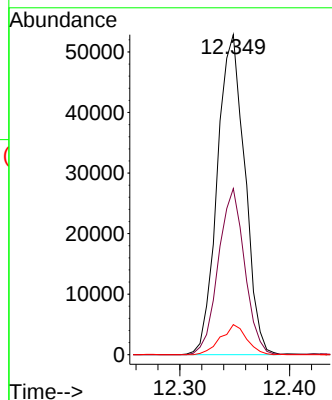
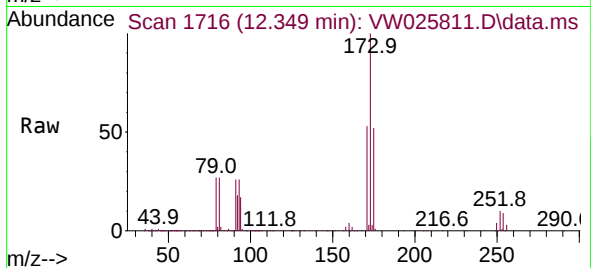
Tgt Ion:173 Resp: 92103

Ion Ratio Lower Upper

173 100

175 49.6 38.6 57.8

254 8.9 7.6 11.4



#60

Isopropylbenzene

Concen: 26.141 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

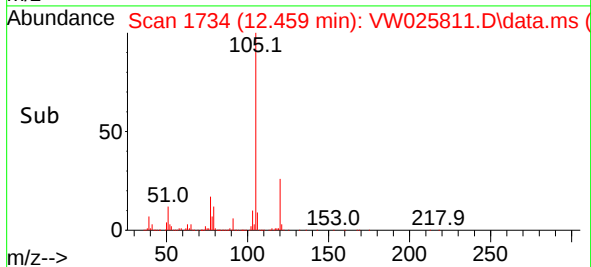
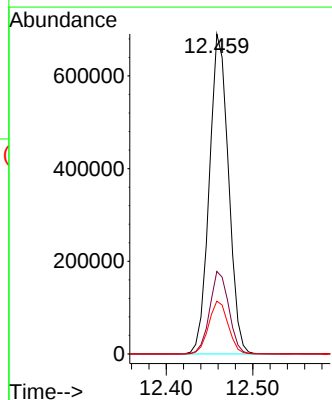
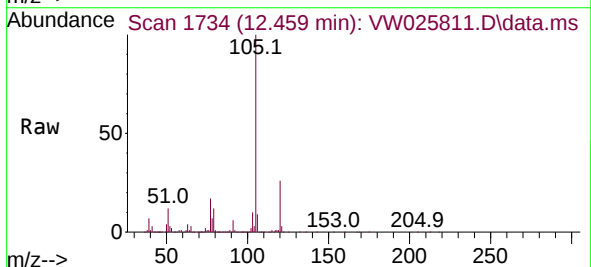
Tgt Ion:105 Resp: 1060920

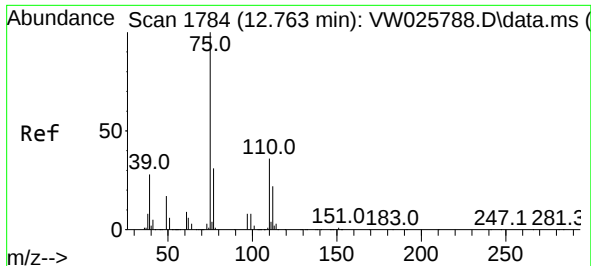
Ion Ratio Lower Upper

105 100

120 25.7 21.1 31.7

77 16.7 13.4 20.0





#61

1,2,3-Trichloropropane

Concen: 22.135 ug/L

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

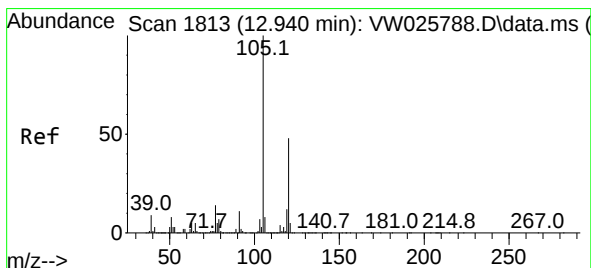
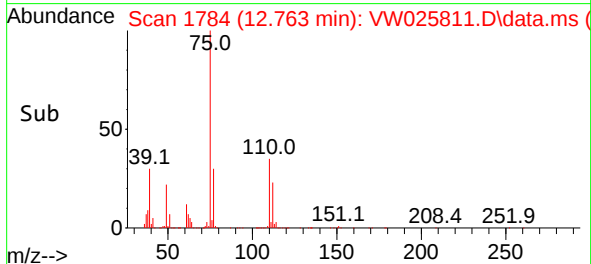
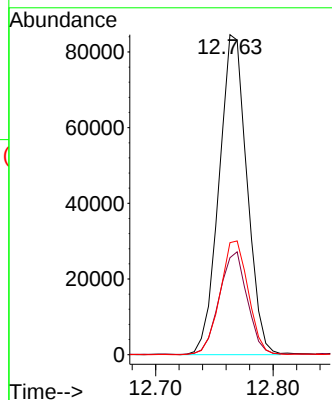
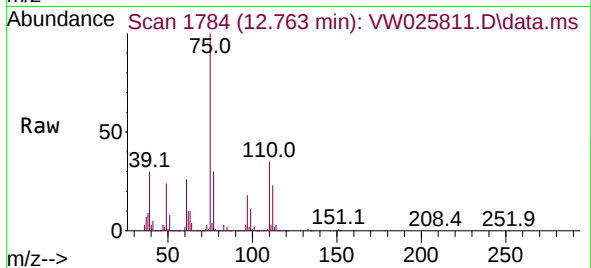
Tgt Ion: 75 Resp: 139673

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

110 36.0 27.6 41.4



#62

1,3,5-Trimethylbenzene

Concen: 26.543 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW025811.D

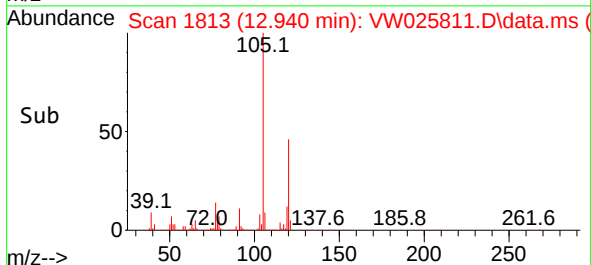
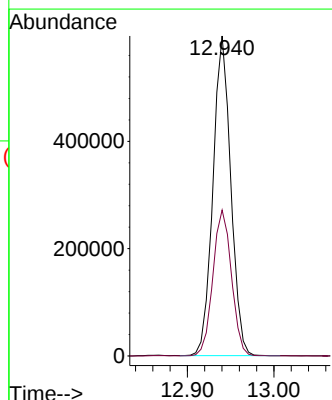
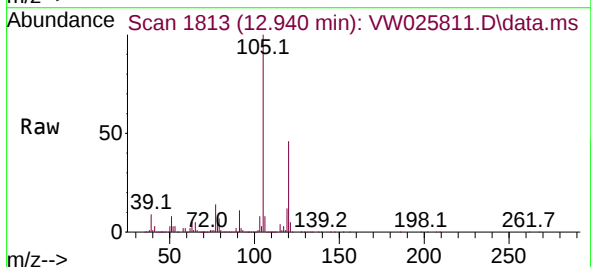
Acq: 03 May 2023 08:21

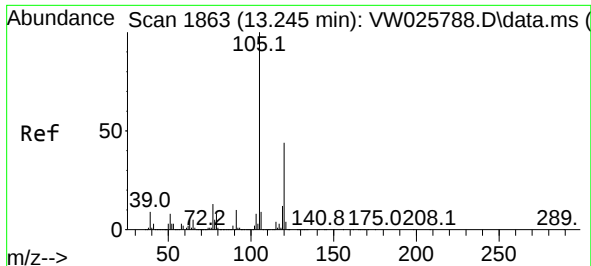
Tgt Ion: 105 Resp: 853235

Ion Ratio Lower Upper

105 100

120 47.5 37.1 55.7

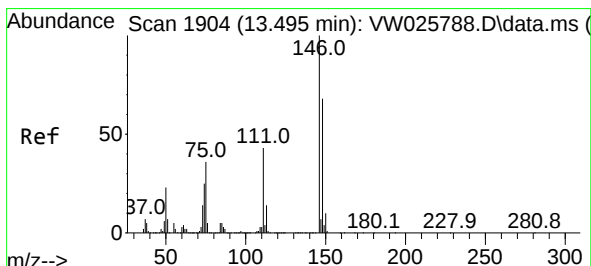
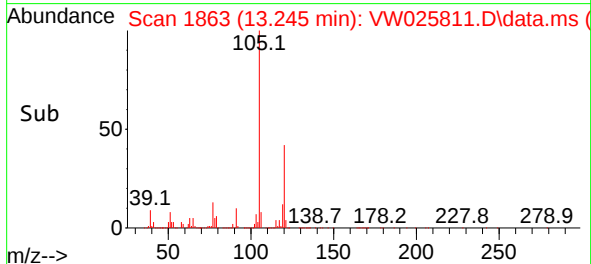
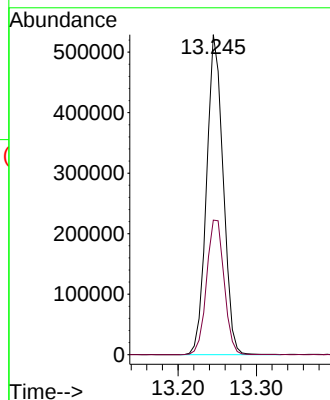
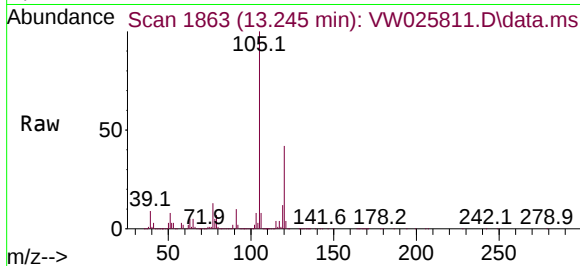




#63
1,2,4-Trimethylbenzene
Concen: 26.124 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

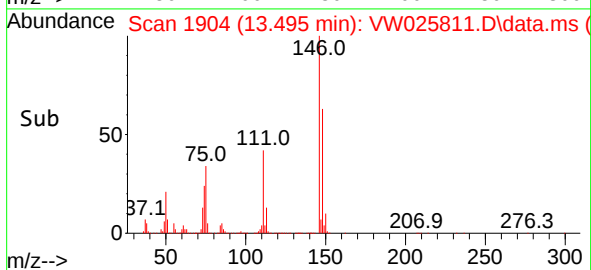
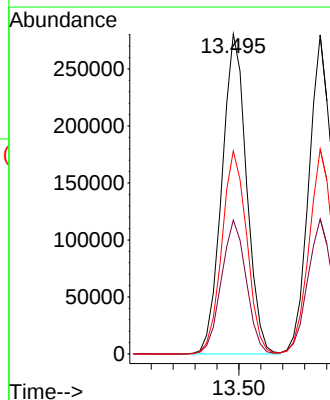
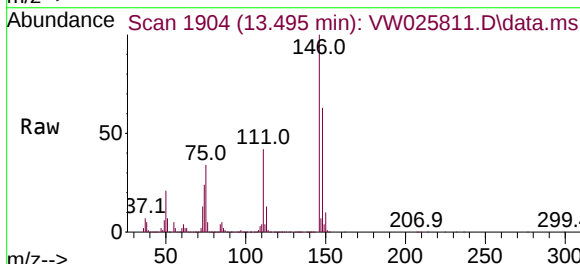
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

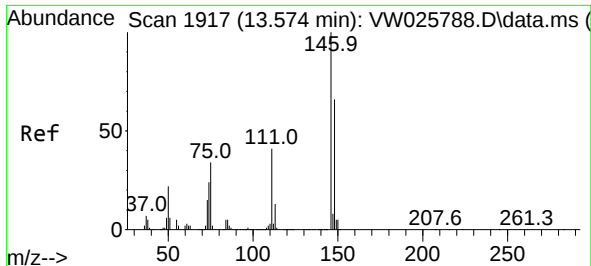
Tgt Ion:105 Resp: 774911
Ion Ratio Lower Upper
105 100
120 44.6 34.7 52.1



#64
1,3-Dichlorobenzene
Concen: 25.104 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion:146 Resp: 438595
Ion Ratio Lower Upper
146 100
111 41.9 30.4 56.4
148 63.5 40.8 75.8

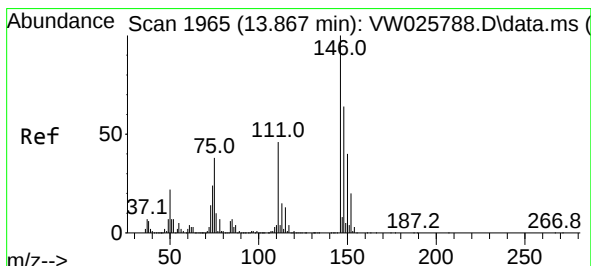
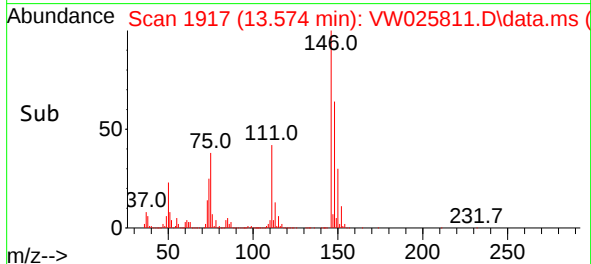
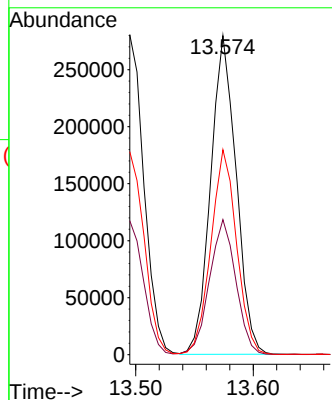
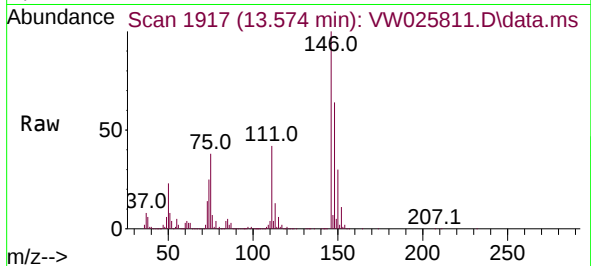




#65
1,4-Dichlorobenzene
Concen: 23.941 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

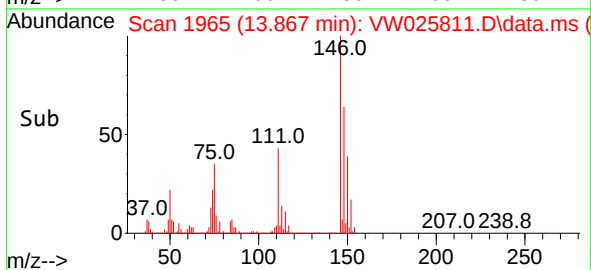
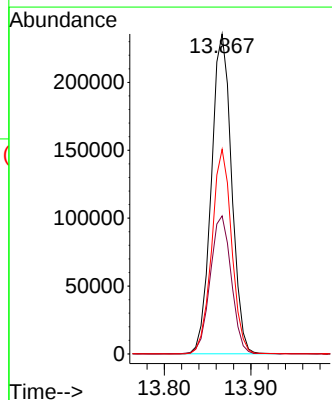
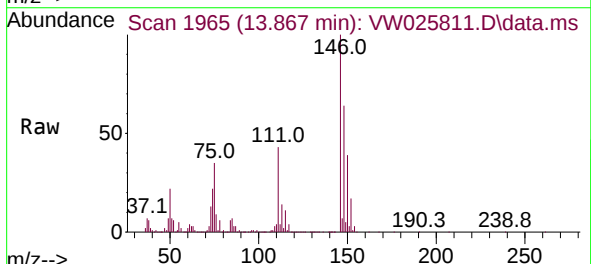
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

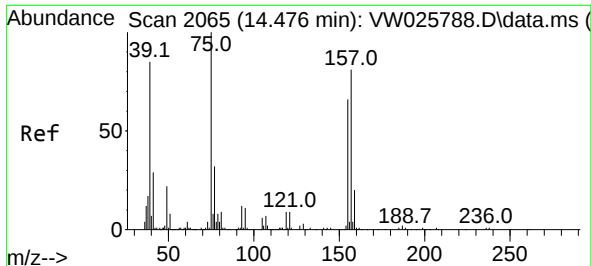
Tgt Ion:146 Resp: 422586
Ion Ratio Lower Upper
146 100
111 42.3 27.9 51.9
148 64.3 44.7 82.9



#67
1,2-Dichlorobenzene
Concen: 24.546 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion:146 Resp: 382449
Ion Ratio Lower Upper
146 100
111 43.1 37.7 56.5
148 63.9 49.4 74.0

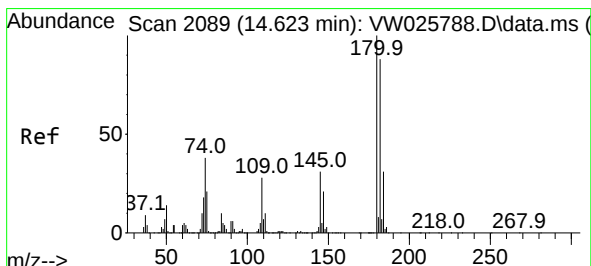
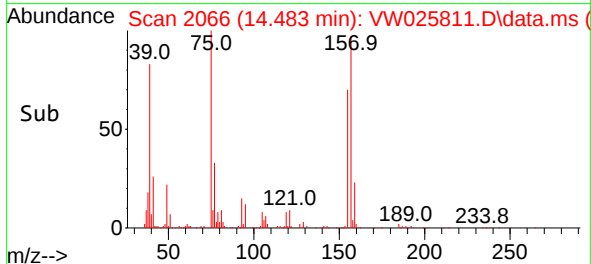
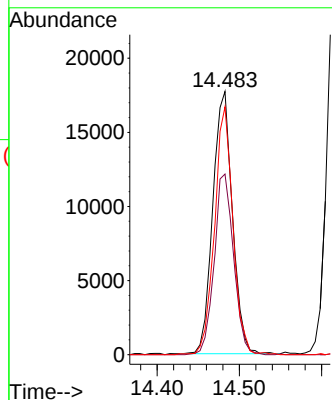
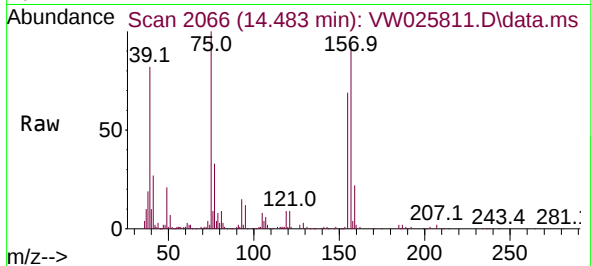




#68
1,2-Dibromo-3-chloropropane
Concen: 20.017 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

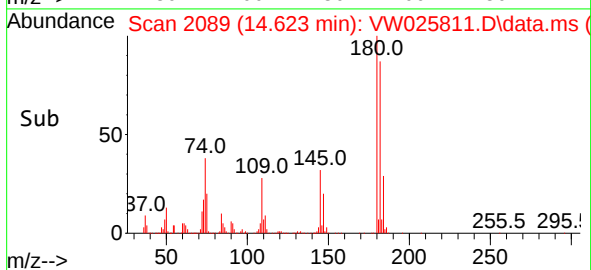
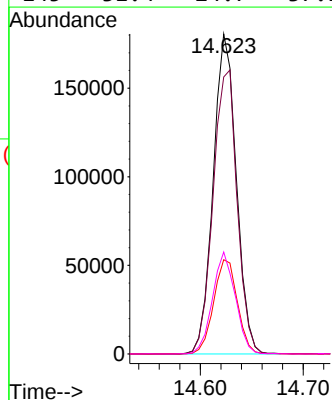
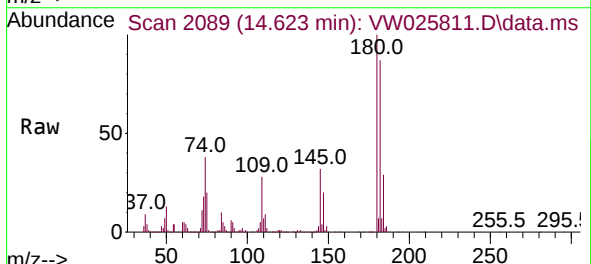
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

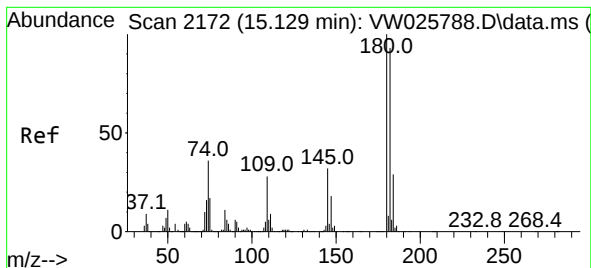
Tgt Ion: 75 Resp: 29289
Ion Ratio Lower Upper
75 100
155 68.6 56.3 84.5
157 94.2 66.3 99.5



#69
1,3,5-Trichlorobenzene
Concen: 24.340 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW025811.D
Acq: 03 May 2023 08:21

Tgt Ion:180 Resp: 282277
Ion Ratio Lower Upper
180 100
182 92.5 77.4 116.0
184 30.3 24.7 37.1
145 31.4 24.7 37.1





#70

1,2,4-trichlorobenzene

Concen: 23.171 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

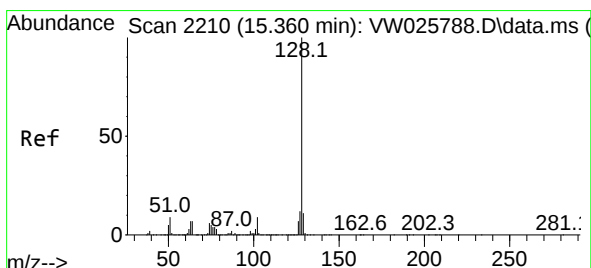
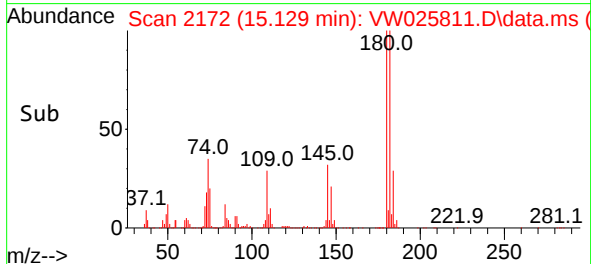
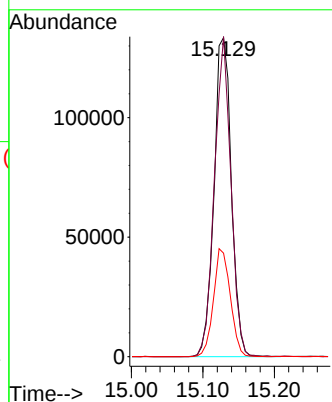
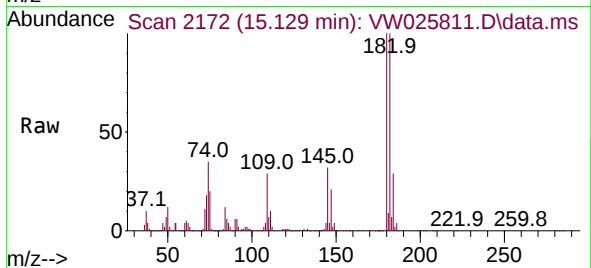
Tgt Ion:180 Resp: 225122

Ion Ratio Lower Upper

180 100

182 95.0 74.3 111.5

145 32.9 25.4 38.0



#71

Naphthalene

Concen: 22.601 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW025811.D

Acq: 03 May 2023 08:21

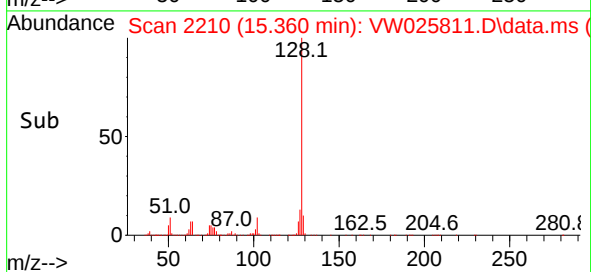
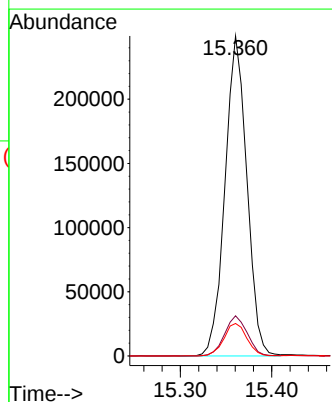
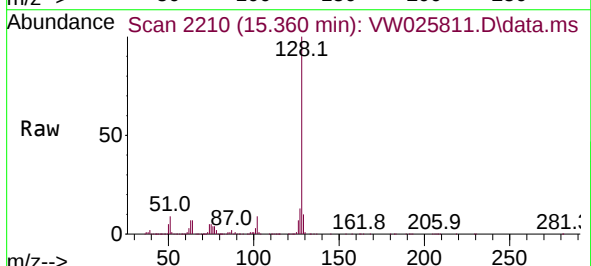
Tgt Ion:128 Resp: 414442

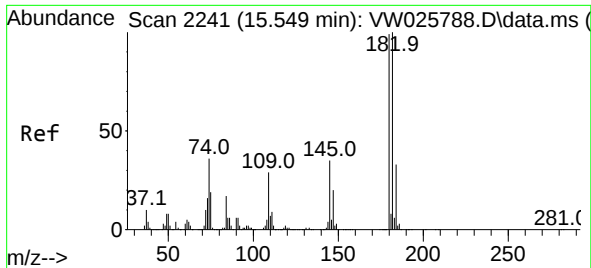
Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

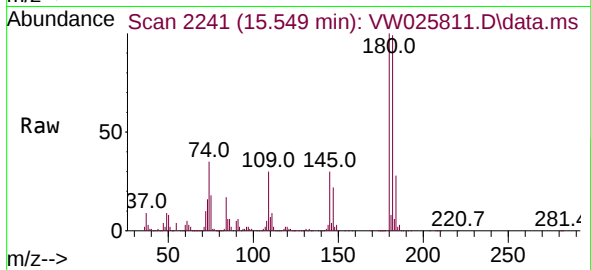
129 10.7 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 23.690 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025811.D
 Acq: 03 May 2023 08:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025592



Tgt Ion:	180	Resp:	204224
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.1	114.1
145	33.9	28.0	42.0

