

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
 Data File : VW026583IC.D
 Acq On : 11 Jul 2023 08:12
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 06:32:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 06:31:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	559561	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	497365	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	236143	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	26380	2.795	ug/L	0.00
7) Chloroethane-d5	3.064	69	304	0.046	ug/L	0.16
11) 1,1-Dichloroethene-d2	4.015	65	12190	2.750	ug/L	0.00
21) 2-Butanone-d5	7.088	46	14934	4.916	ug/L	0.01
24) Chloroform-d	7.648	84	43227	2.683	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	23906	2.658	ug/L	0.00
32) Benzene-d6	8.270	84	85459	2.503	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	26415	2.516	ug/L	0.00
41) Toluene-d8	10.325	98	69184	2.363	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	9600	2.281	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7359	3.592	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	22848	2.570	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	22279	2.570	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	17470	2.685	ug/L	92
3) Chloromethane	2.216	50	24597	2.727	ug/L	93
5) Vinyl chloride	2.369	62	27121	2.853	ug/L	96
6) Bromomethane	2.783	94	15077	2.984	ug/L	97
8) Chloroethane	2.930	64	15081	2.838	ug/L	93
9) Trichlorofluoromethane	3.265	101	18504	2.628	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	10143	1.311	ug/L #	68
12) 1,1-Dichloroethene	4.039	96	20031	2.672	ug/L	93
13) Acetone	4.125	43	14056	6.406	ug/L	92
14) Carbon disulfide	4.387	76	71312	2.714	ug/L	98
15) Methyl Acetate	4.417	43	381	0.073	ug/L	92
16) Methylene chloride	4.923	84	42230	4.286	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	21133	2.637	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	31521	2.513	ug/L #	89
19) 1,1-Dichloroethane	6.216	63	42996	2.683	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	20823	2.509	ug/L	91
22) 2-Butanone	7.173	43	14390	4.310	ug/L	95
23) Bromochloromethane	7.520	128	9588	2.697	ug/L	99
25) Chloroform	7.679	83	39333	2.679	ug/L	96
27) 1,2-Dichloroethane	8.404	62	28913	2.797	ug/L	99
29) Cyclohexane	7.953	56	35922	2.320	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	32498	2.666	ug/L	100
31) Carbon tetrachloride	8.069	117	28325	2.560	ug/L	99
33) Benzene	8.325	78	87587	2.556	ug/L	100
34) Trichloroethene	9.093	95	22938	2.606	ug/L	95
35) Methylcyclohexane	9.337	83	36874	2.333	ug/L	96
37) 1,2-Dichloropropane	9.368	63	23857	2.621	ug/L #	93
38) Bromodichloromethane	9.642	83	26467	2.560	ug/L	92
39) cis-1,3-Dichloropropene	10.075	75	30868	2.356	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	30635	4.460	ug/L	99
42) Toluene	10.386	91	83821	2.422	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	25285	2.288	ug/L	97

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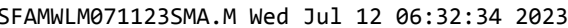
Quant Time: Jul 12 06:32:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 06:31:13 2023
 Response via : Initial Calibration

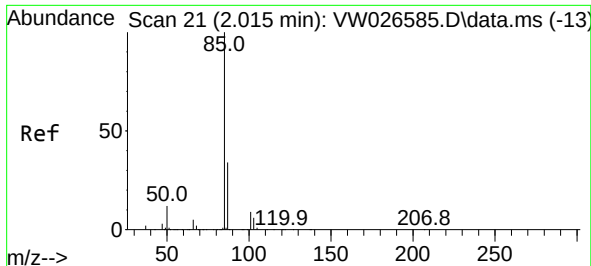
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	16870	2.656	ug/L	95
46) Tetrachloroethene	10.861	164	16010	2.562	ug/L	96
48) 2-Hexanone	10.971	43	21085	4.398	ug/L	97
49) Dibromochloromethane	11.129	129	16155	2.569	ug/L	85
50) 1,2-Dibromoethane	11.233	107	15869	2.650	ug/L	98
51) Chlorobenzene	11.654	112	55179	2.600	ug/L	97
52) Ethylbenzene	11.727	91	90650	2.353	ug/L	96
53) m,p-Xylene	11.837	106	32854	2.344	ug/L	99
54) o-Xylene	12.160	106	29100	2.212	ug/L	94
55) Styrene	12.178	104	50894	2.293	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.715	83	22653	2.718	ug/L	92
59) Bromoform	12.349	173	9560	2.560	ug/L #	95
60) Isopropylbenzene	12.465	105	82751	2.265	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	17525	2.748	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	59981	2.140	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	57440	2.067	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	39338	2.566	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	42469	2.778	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	36364	2.680	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	3972	2.616	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	26723	2.634	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	21136	2.539	ug/L	98
71) Naphthalene	15.360	128	40379	2.142	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	19600	2.501	ug/L	97

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

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Quant Title : SFAM01.0
QLast Update : Wed Jul 12 06:31:13 2023
Response via : Initial Calibration

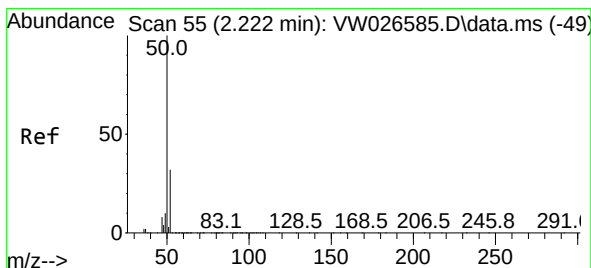
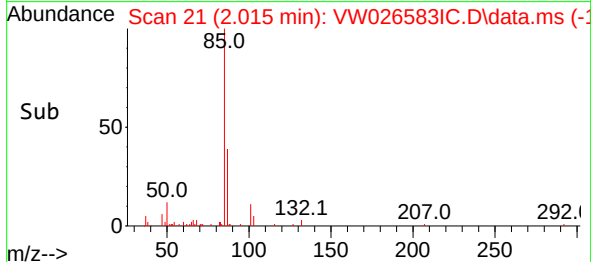
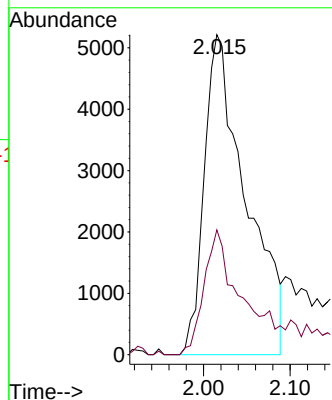
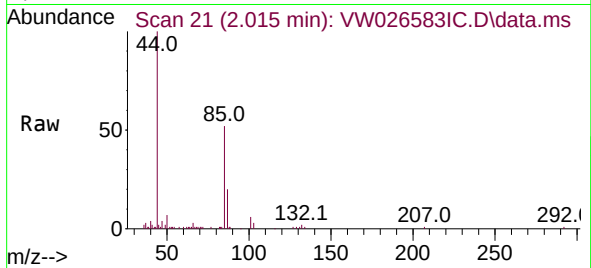




#2
Dichlorodifluoromethane
Concen: 2.685 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

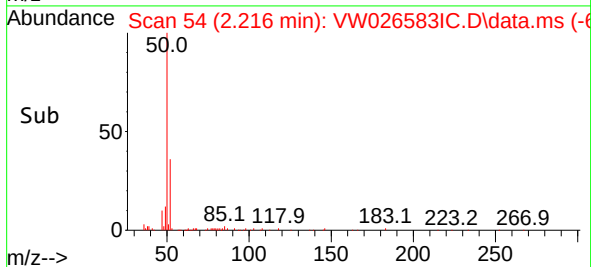
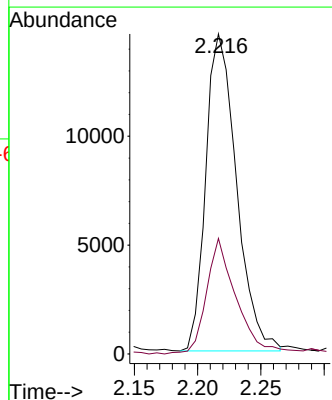
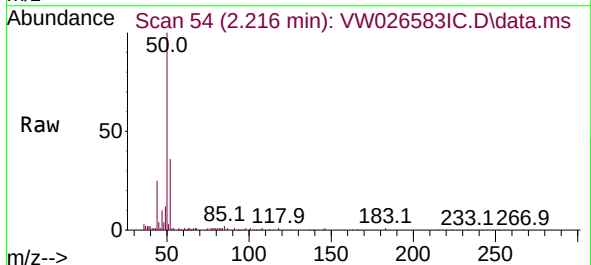
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MSVOA_W
ClientSampleId :

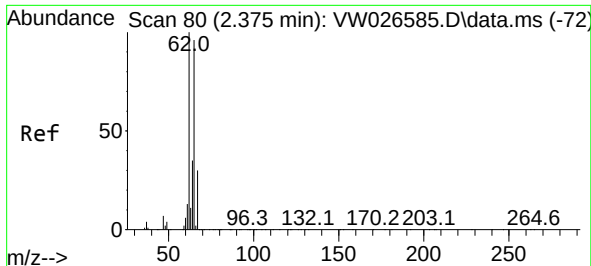
Tgt Ion: 85 Resp: 17470
Ion Ratio Lower Upper
85 100
87 30.9 21.4 32.0



#3
Chloromethane
Concen: 2.727 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Tgt Ion: 50 Resp: 24597
Ion Ratio Lower Upper
50 100
52 36.1 22.5 41.7

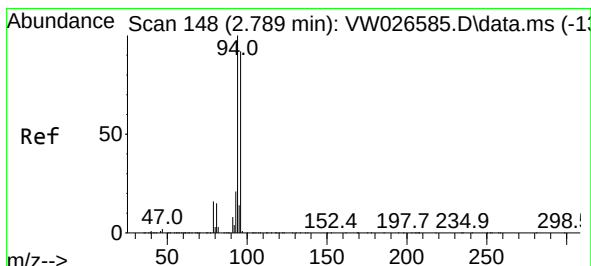
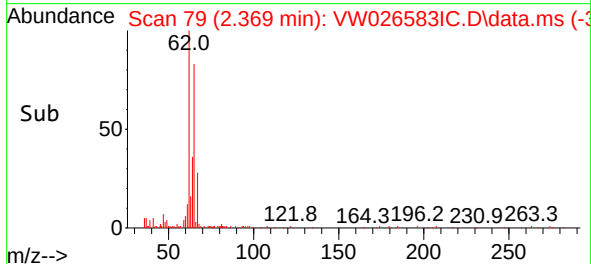
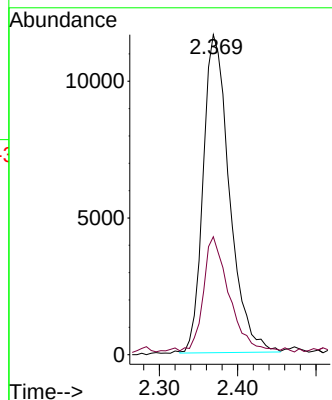
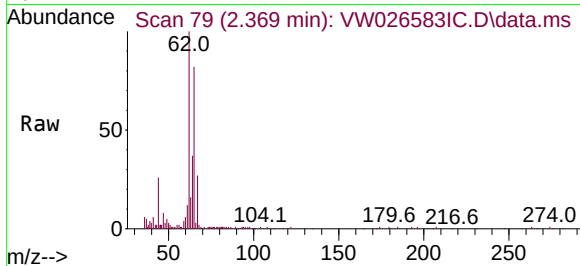




#5
 Vinyl chloride
 Concen: 2.853 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026583IC.D
 Acq: 11 Jul 2023 08:12

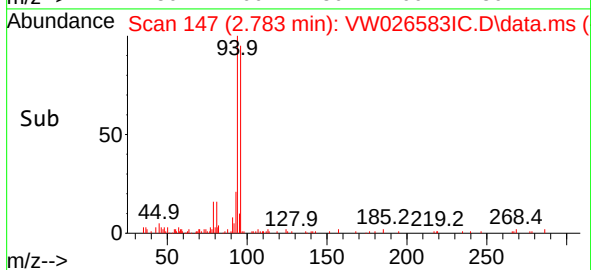
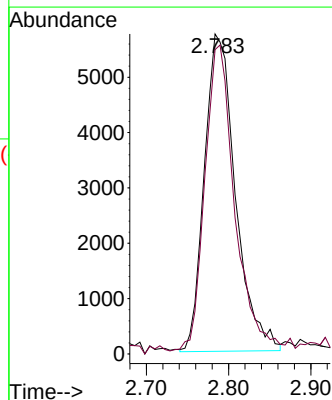
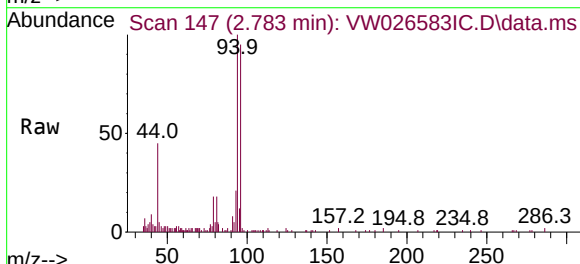
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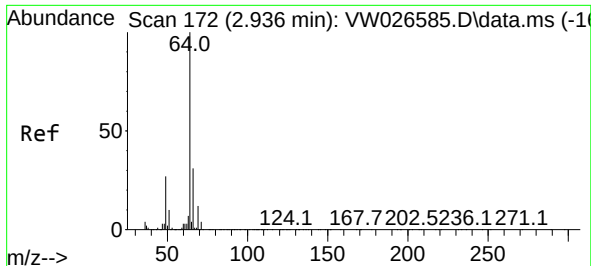
Tgt Ion: 62 Resp: 27121
 Ion Ratio Lower Upper
 62 100
 64 36.9 24.2 45.0



#6
 Bromomethane
 Concen: 2.984 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026583IC.D
 Acq: 11 Jul 2023 08:12

Tgt Ion: 94 Resp: 15077
 Ion Ratio Lower Upper
 94 100
 96 95.1 64.5 119.9

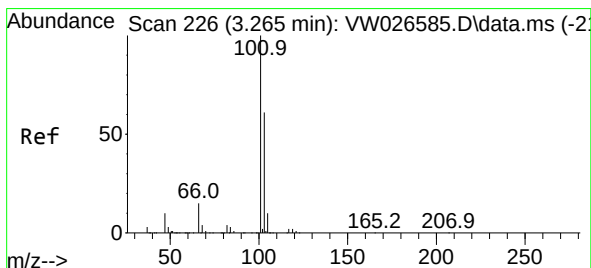
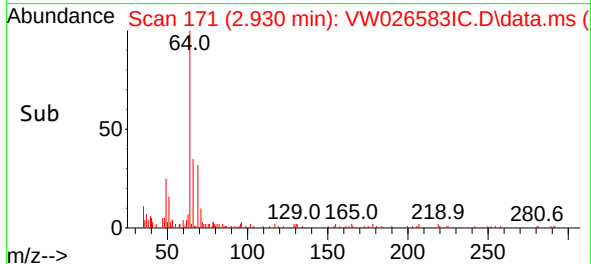
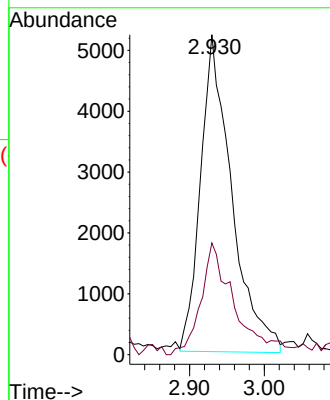
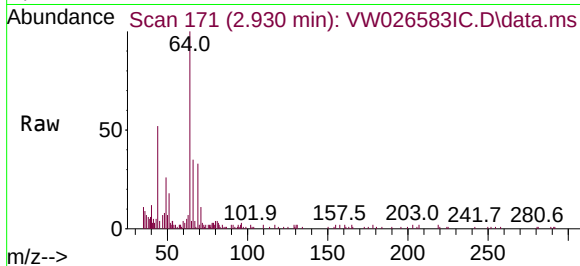




#8
Chloroethane
Concen: 2.838 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

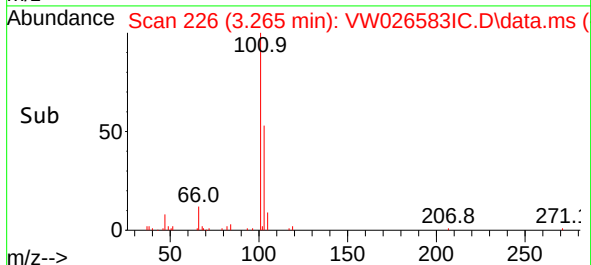
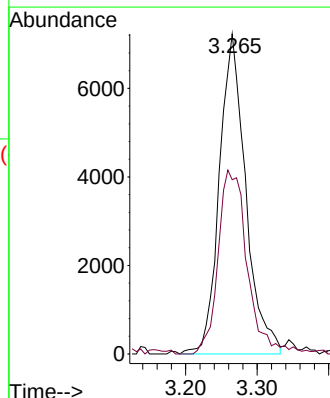
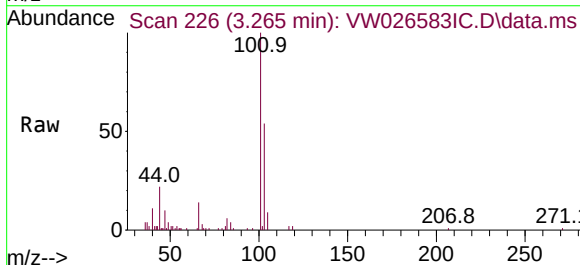
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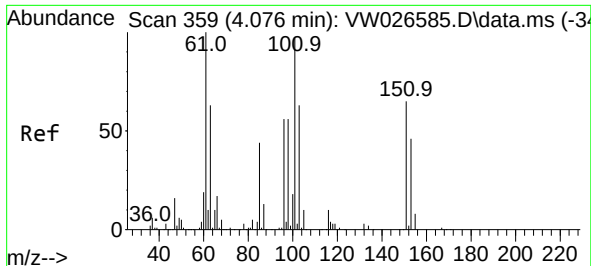
Tgt Ion: 64 Resp: 15081
Ion Ratio Lower Upper
64 100
66 34.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 2.628 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Tgt Ion: 101 Resp: 18504
Ion Ratio Lower Upper
101 100
103 60.2 50.3 75.5

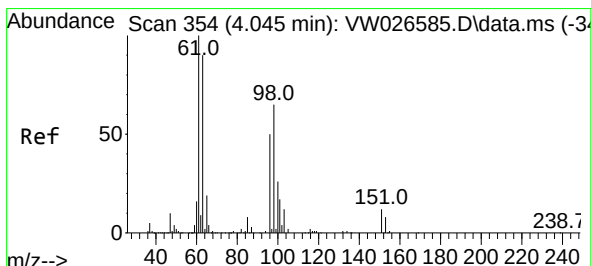
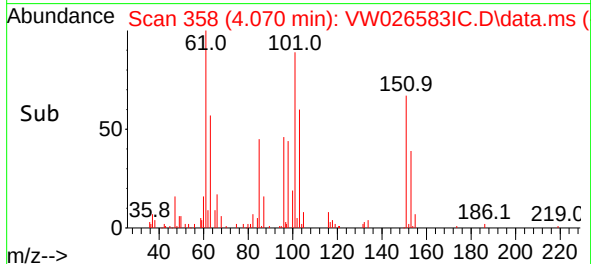
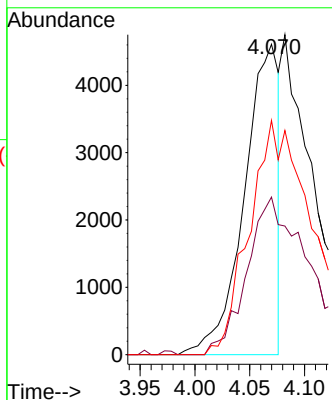
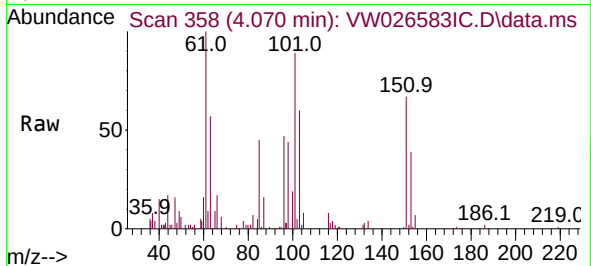




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.311 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW026583IC.D
 Acq: 11 Jul 2023 08:12

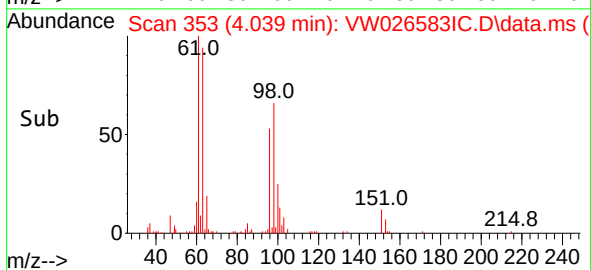
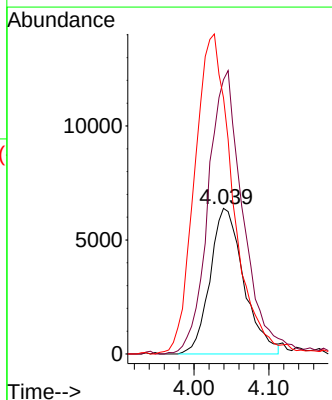
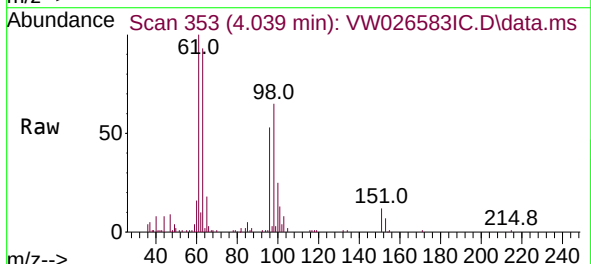
Instrument :
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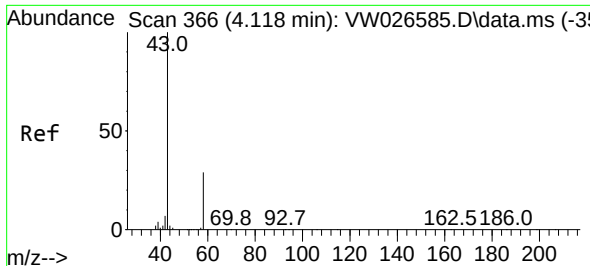
Tgt Ion:101 Resp: 10143
 Ion Ratio Lower Upper
 101 100
 85 93.7 36.1 54.1#
 151 65.6 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 2.672 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW026583IC.D
 Acq: 11 Jul 2023 08:12

Tgt Ion: 96 Resp: 20031
 Ion Ratio Lower Upper
 96 100
 61 188.4 140.8 261.4
 63 176.1 127.7 237.3





#13

Acetone

Concen: 6.406 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Instrument :

MSVOA_W

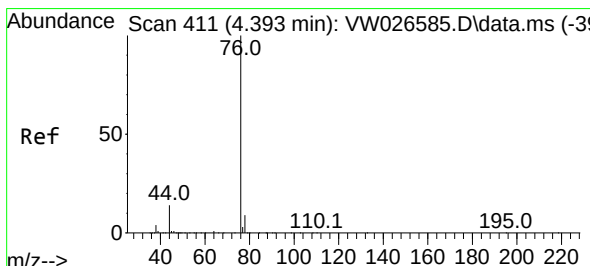
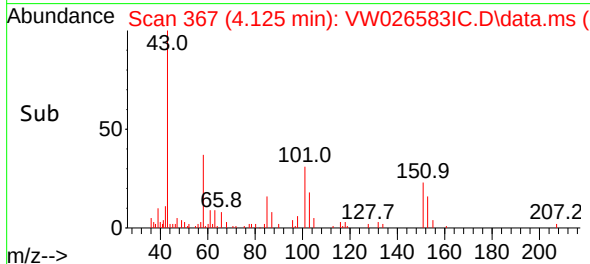
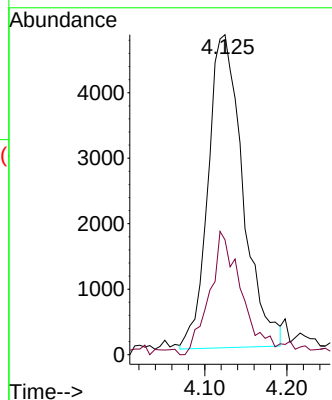
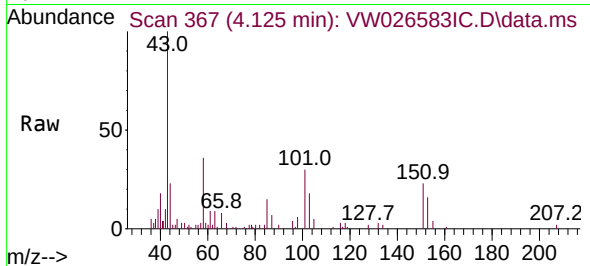
ClientSampleId :

Tgt Ion: 43 Resp: 14056

Ion Ratio Lower Upper

43 100

58 36.0 0.0 63.2



#14

Carbon disulfide

Concen: 2.714 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW026583IC.D

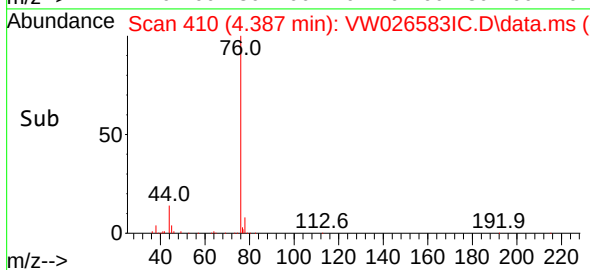
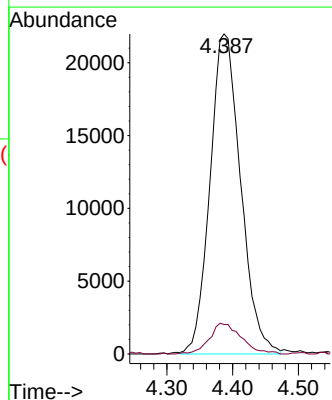
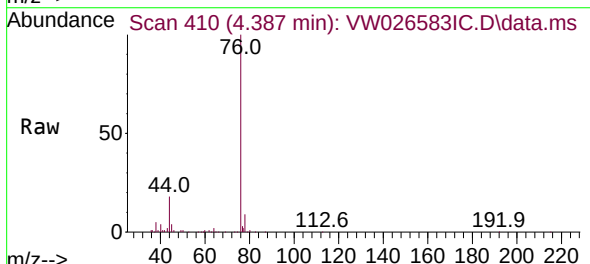
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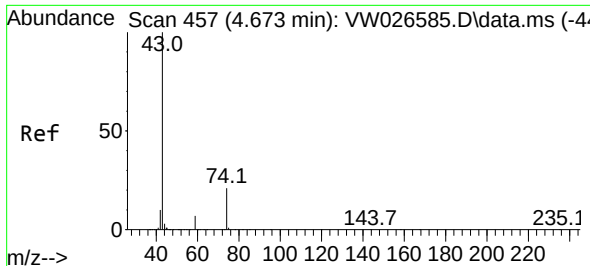
Tgt Ion: 76 Resp: 71312

Ion Ratio Lower Upper

76 100

78 9.2 6.9 10.3

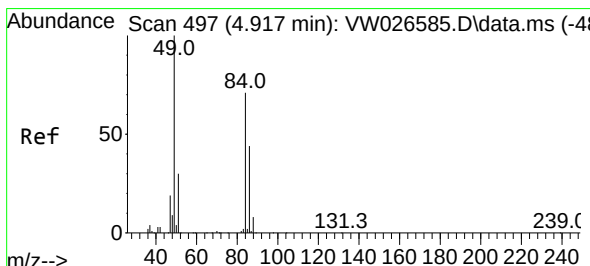
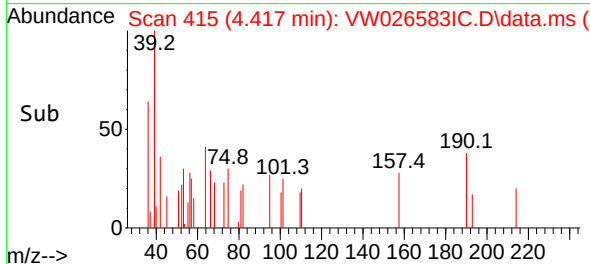
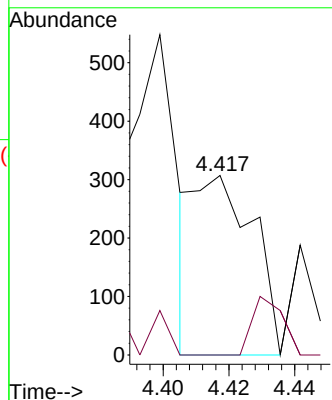
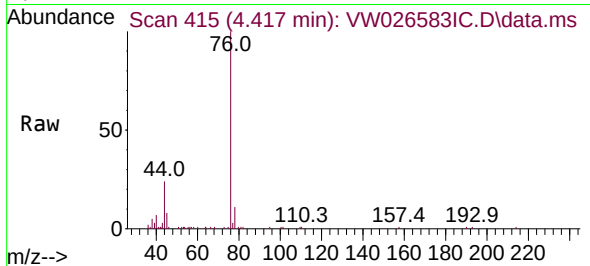




#15
Methyl Acetate
Concen: 0.073 ug/L
RT: 4.417 min Scan# 415
Delta R.T. -0.256 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

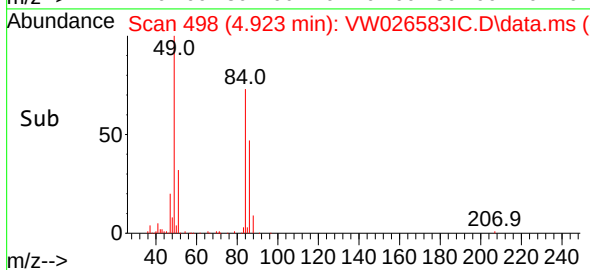
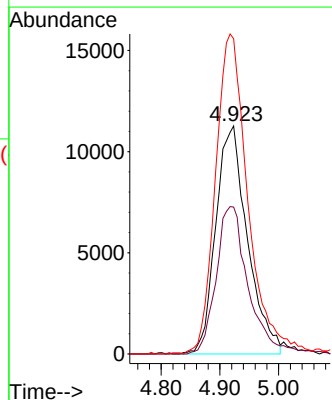
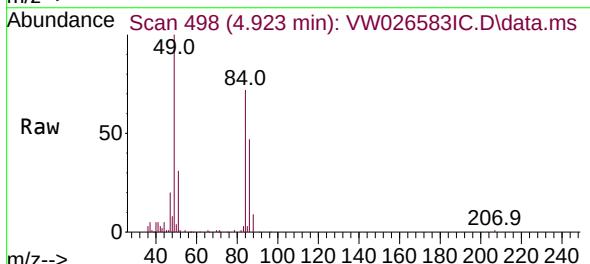
Instrument :
MSVOA_W
ClientSampleId :

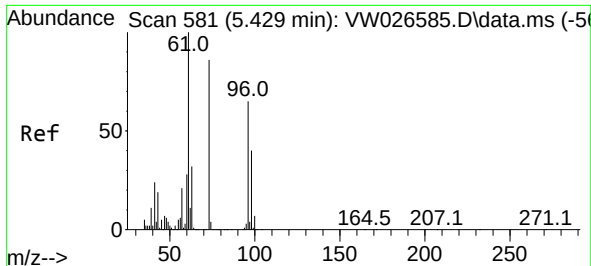
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
74 16.8 16.3 24.5



#16
Methylene chloride
Concen: 4.286 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Tgt Ion: 84 Resp: 42230
Ion Ratio Lower Upper
84 100
86 64.4 43.8 81.3
49 138.2 99.2 184.2

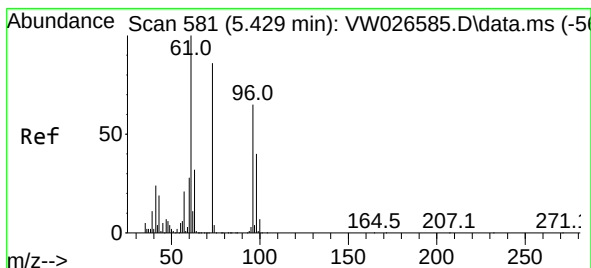
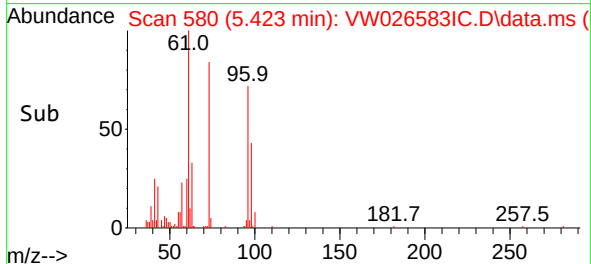
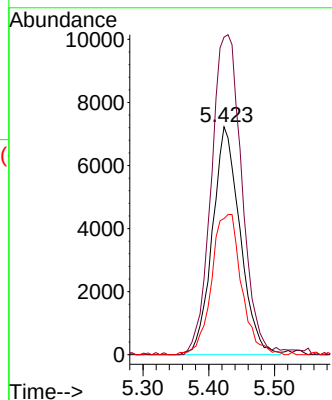
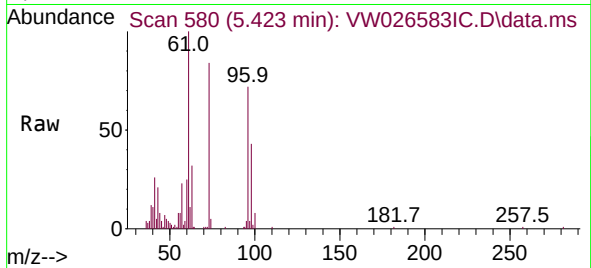




#17
trans-1,2-Dichloroethene
Concen: 2.637 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

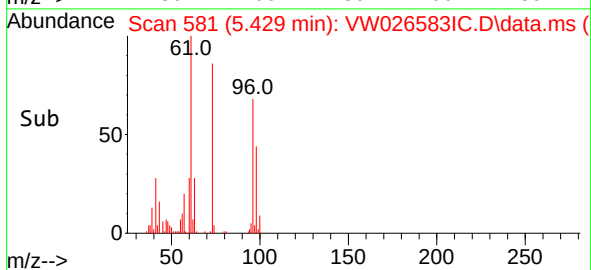
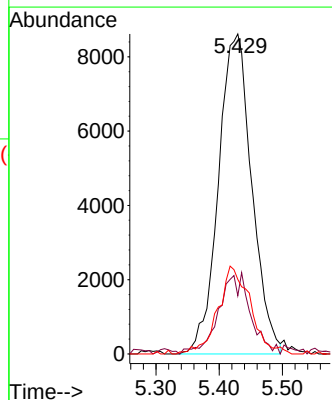
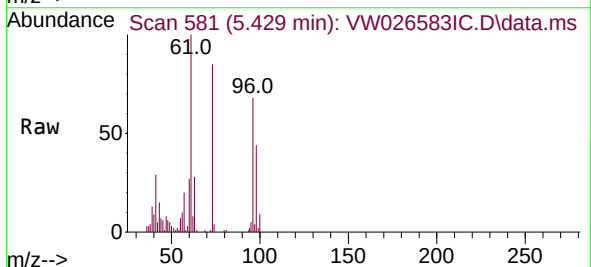
Instrument :
MSVOA_W
ClientSampleId :

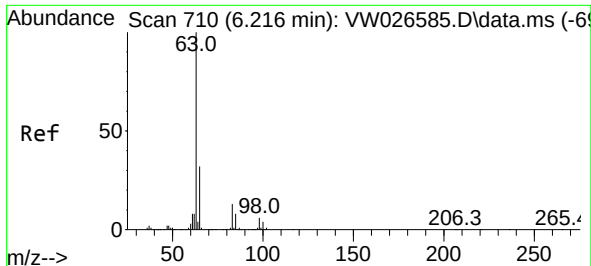
Tgt Ion: 96 Resp: 21133
Ion Ratio Lower Upper
96 100
61 139.4 108.1 200.9
98 59.8 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 2.513 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Tgt Ion: 73 Resp: 31521
Ion Ratio Lower Upper
73 100
43 12.6 17.4 26.2#
57 26.0 19.3 28.9





#19

1,1-Dichloroethane

Concen: 2.683 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Instrument :

MSVOA_W

ClientSampleId :

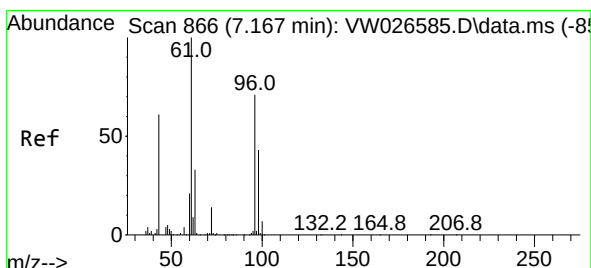
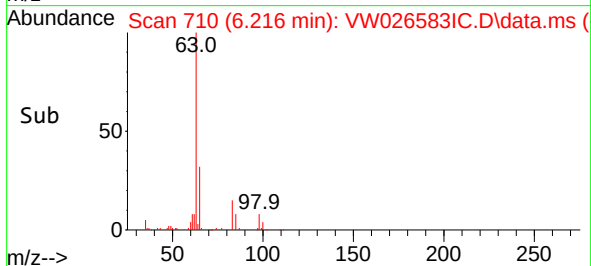
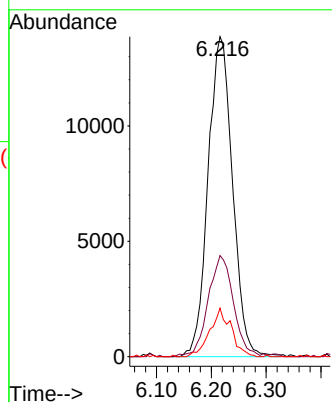
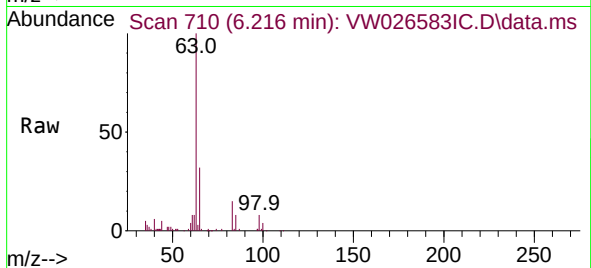
Tgt Ion: 63 Resp: 42996

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

83 15.1 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 2.509 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

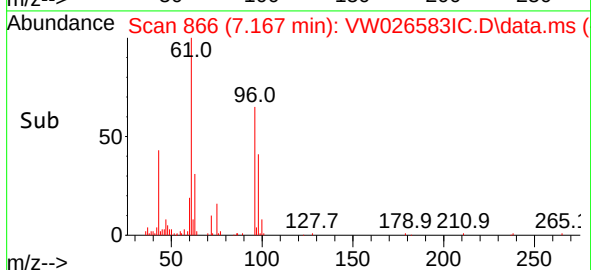
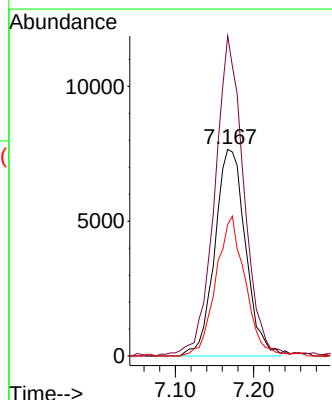
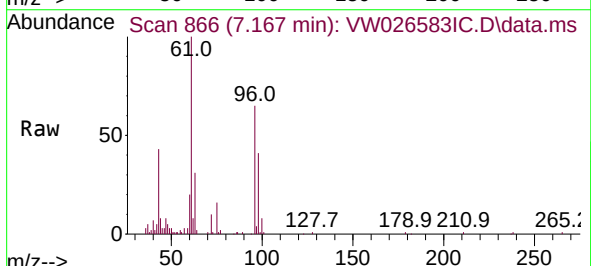
Tgt Ion: 96 Resp: 20823

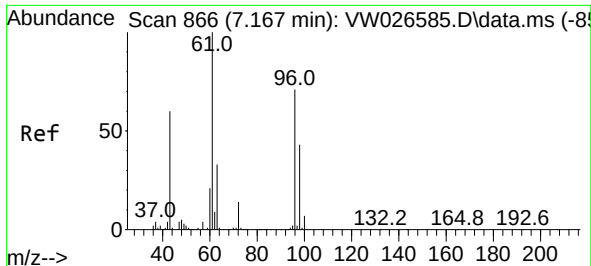
Ion Ratio Lower Upper

96 100

61 154.9 98.8 183.6

98 63.6 42.4 78.6

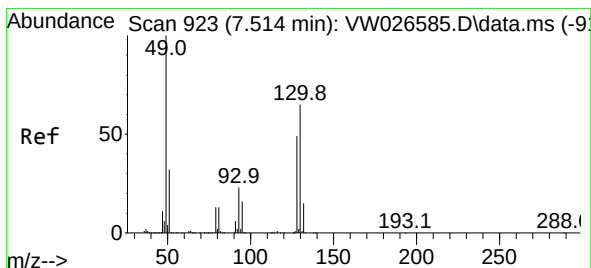
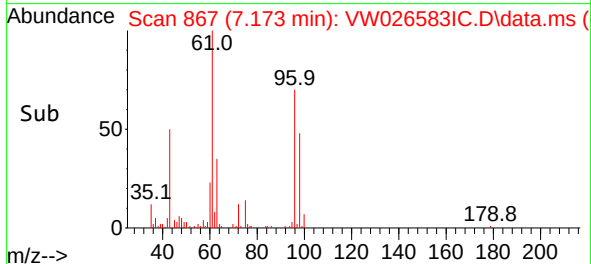
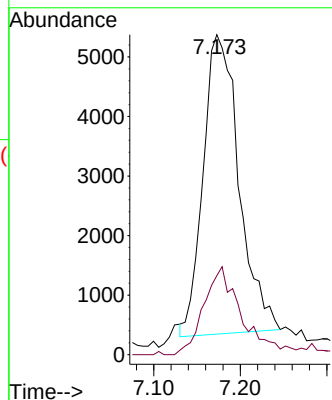
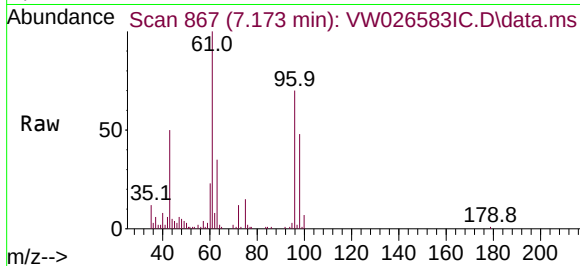




#22
2-Butanone
Concen: 4.310 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

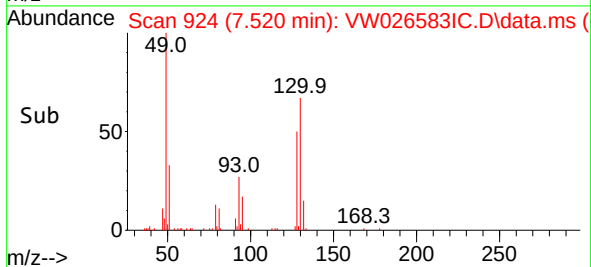
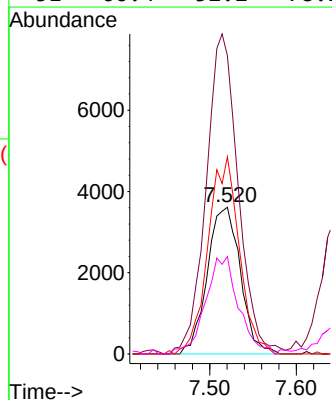
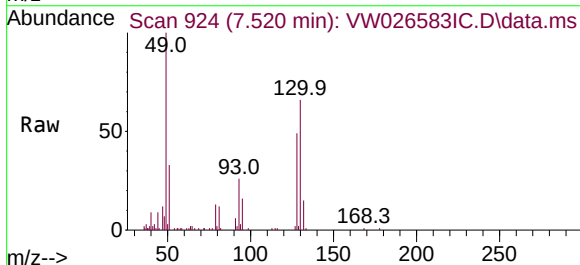
Instrument :
MSVOA_W
ClientSampleId :

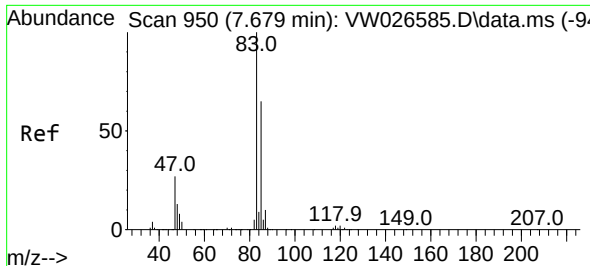
Tgt Ion: 43 Resp: 14390
Ion Ratio Lower Upper
43 100
72 26.3 11.9 35.5



#23
Bromochloromethane
Concen: 2.697 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Tgt Ion: 128 Resp: 9588
Ion Ratio Lower Upper
128 100
49 203.2 142.1 263.9
130 134.3 92.9 172.5
51 66.4 52.2 78.2

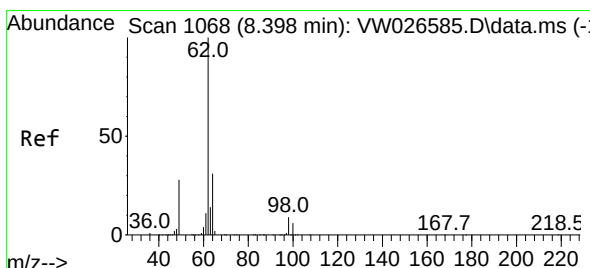
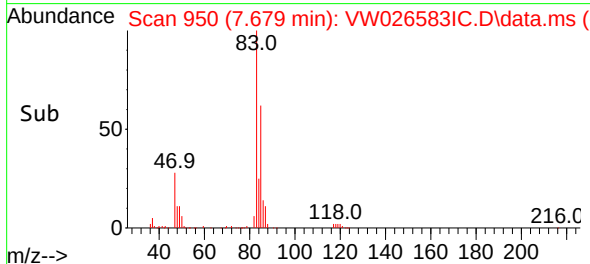
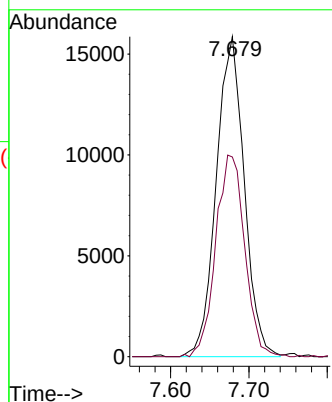
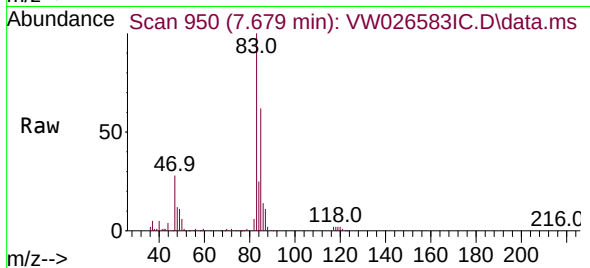




#25
Chloroform
Concen: 2.679 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

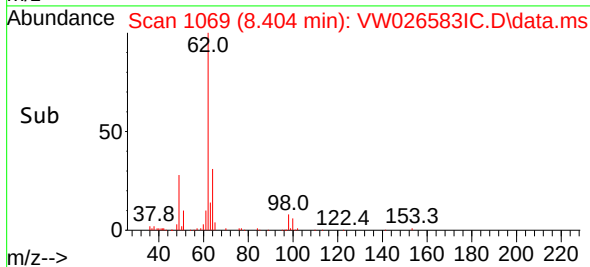
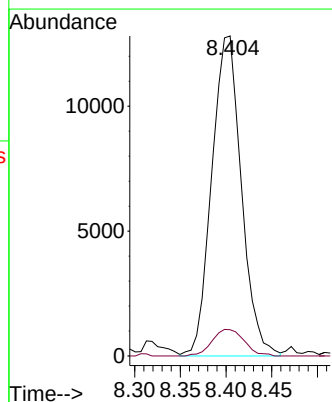
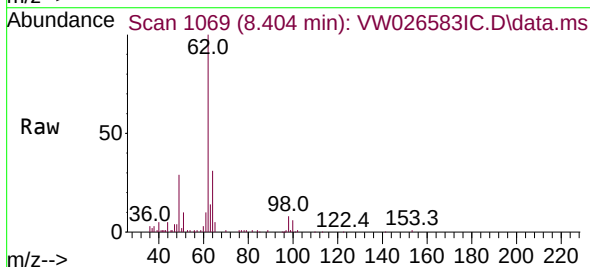
Instrument :
MSVOA_W
ClientSampleId :

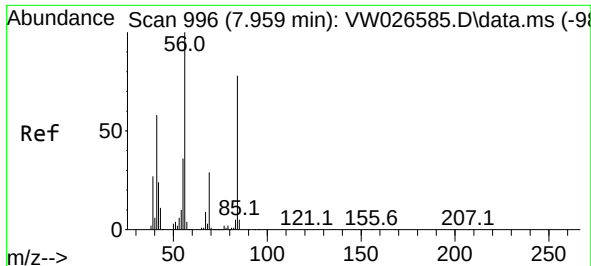
Tgt Ion: 83 Resp: 39333
Ion Ratio Lower Upper
83 100
85 62.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 2.797 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Tgt Ion: 62 Resp: 28913
Ion Ratio Lower Upper
62 100
98 8.2 6.7 10.1





#29

Cyclohexane

Concen: 2.320 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW026583IC.D

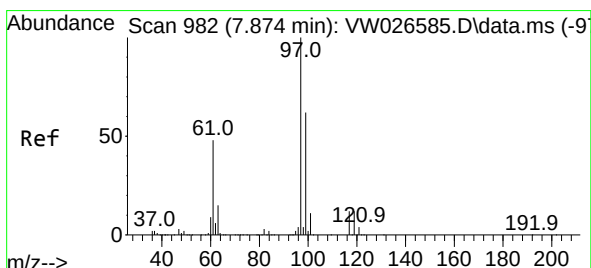
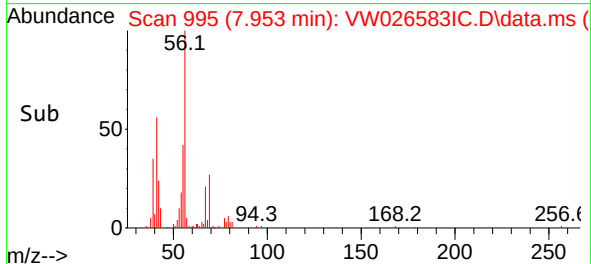
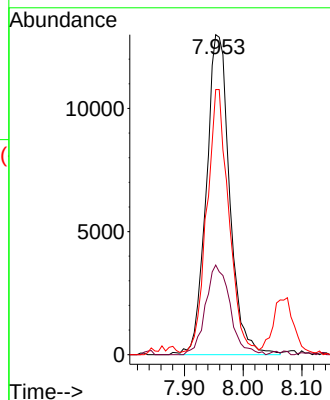
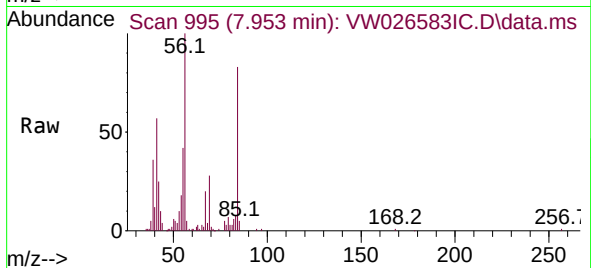
Acq: 11 Jul 2023 08:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56	Resp: 35922
Ion Ratio	Lower Upper
56 100	
69 29.1	23.4 35.0
84 76.7	62.6 94.0



#30

1,1,1-Trichloroethane

Concen: 2.666 ug/L

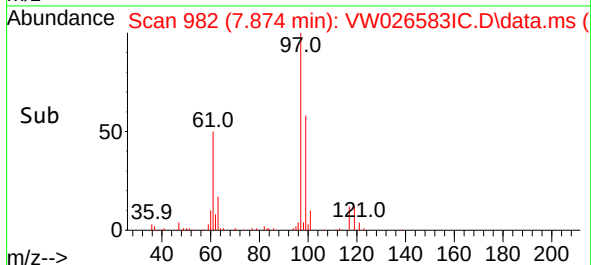
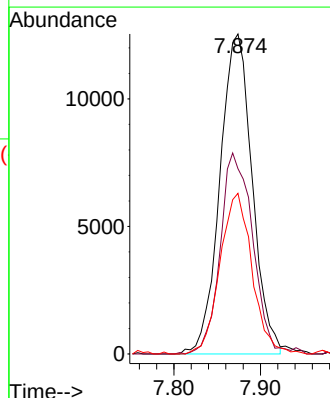
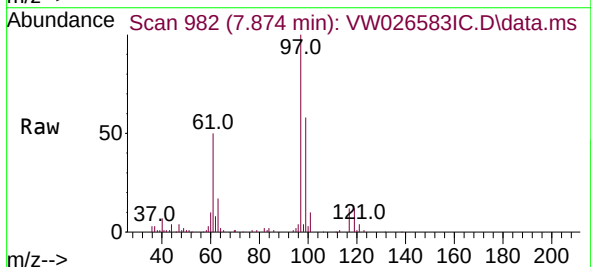
RT: 7.874 min Scan# 982

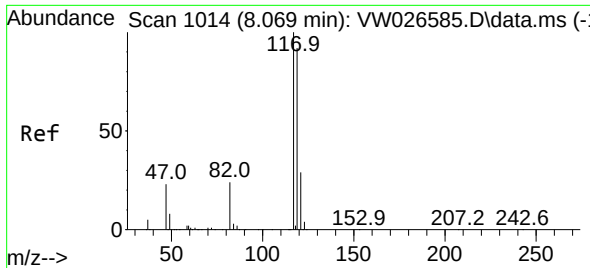
Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

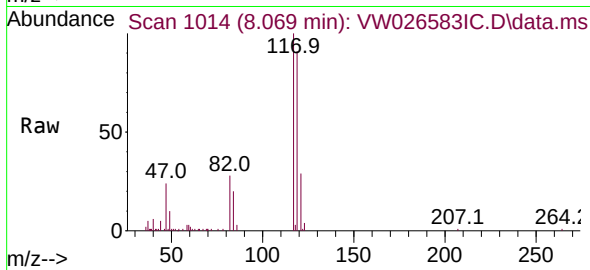
Tgt Ion: 97	Resp: 32498
Ion Ratio	Lower Upper
97 100	
99 62.3	49.9 74.9
61 49.9	39.8 59.8



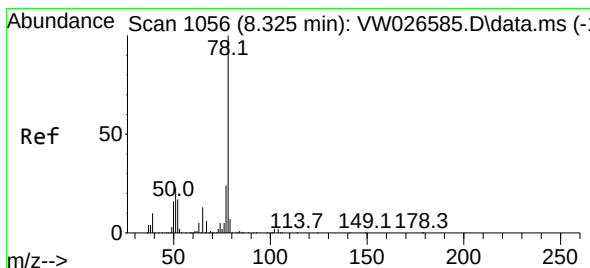
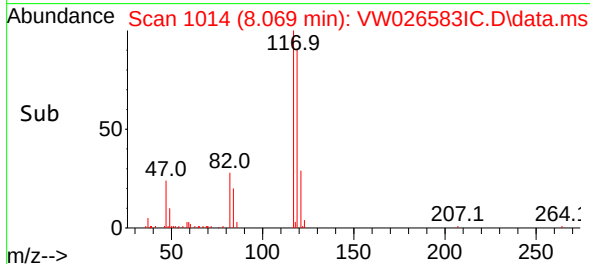
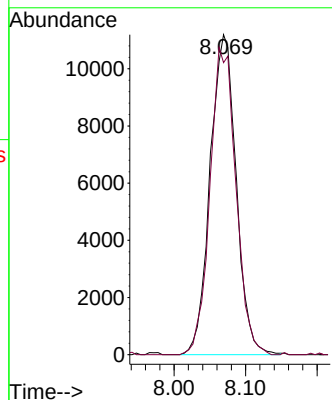


#31
Carbon tetrachloride
Concen: 2.560 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Instrument :
MSVOA_W
ClientSampleId :

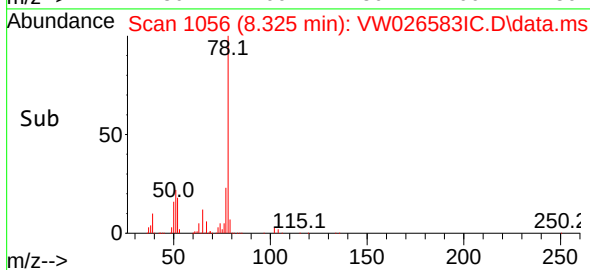
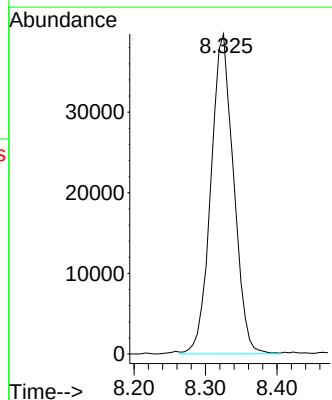
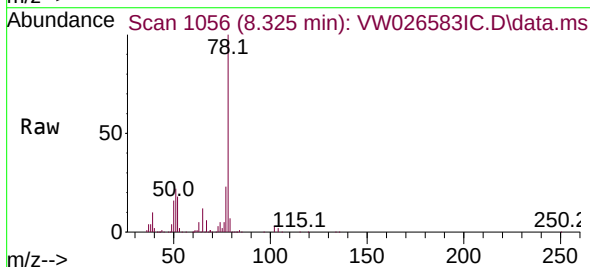


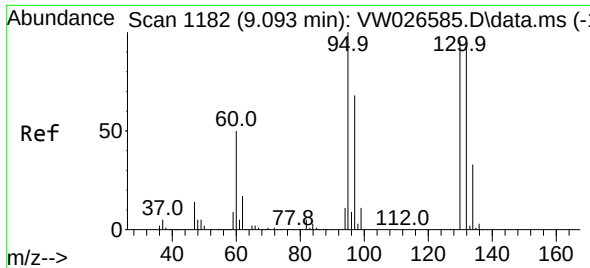
Tgt Ion:117 Resp: 28325
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7



#33
Benzene
Concen: 2.556 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

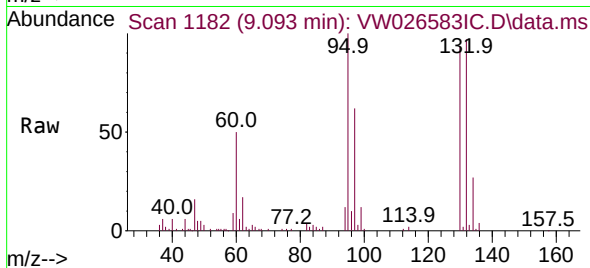
Tgt Ion: 78 Resp: 87587



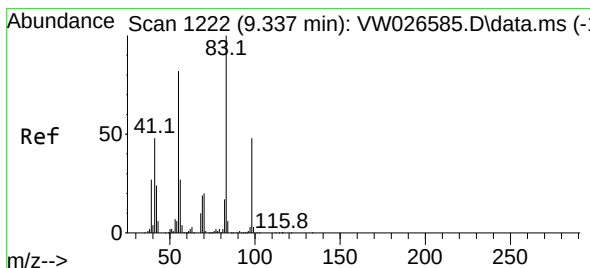
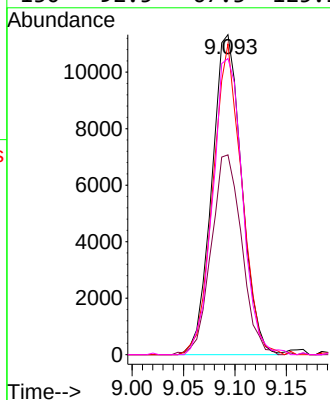


#34
Trichloroethene
Concen: 2.606 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Instrument :
MSVOA_W
ClientSampleId :

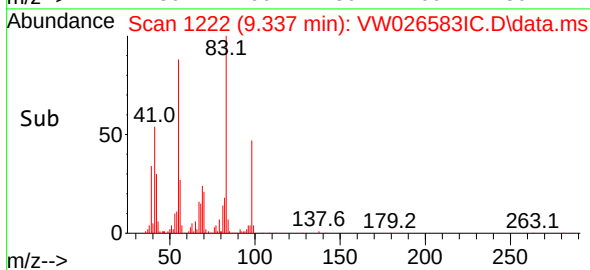
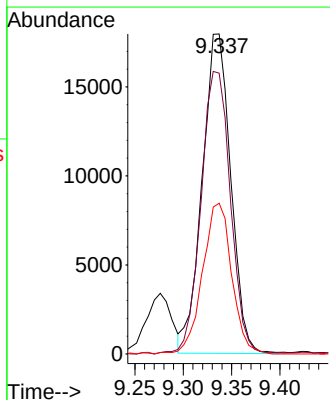
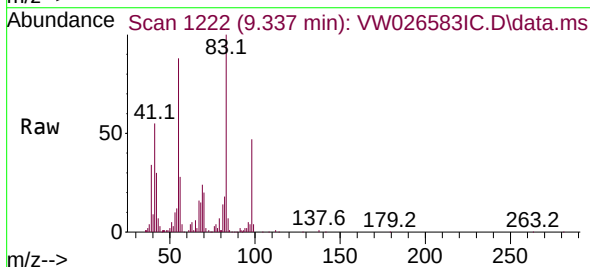


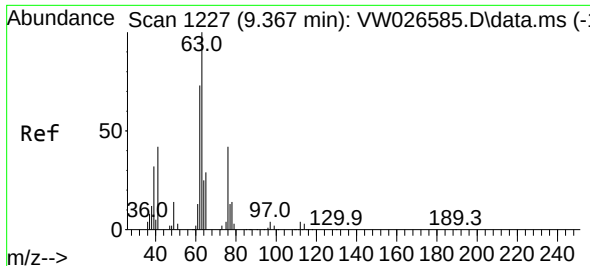
Tgt Ion	95	97	132	130
Ratio	100	62.4	97.1	92.5
Lower		47.9	65.0	67.3
Upper		88.9	120.8	125.1



#35
Methylcyclohexane
Concen: 2.333 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Tgt Ion	83	55	98
Ratio	100	91.2	47.9
Lower		68.7	37.3
Upper		103.1	55.9





#37

1,2-Dichloropropane

Concen: 2.621 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Instrument :

MSVOA_W

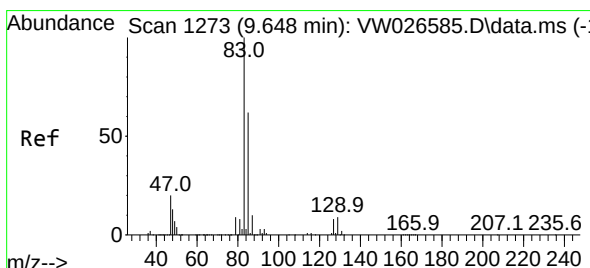
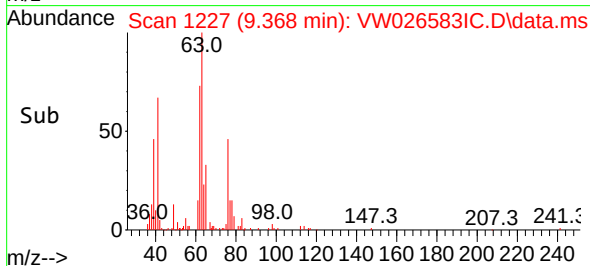
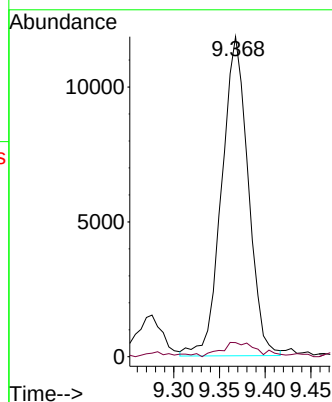
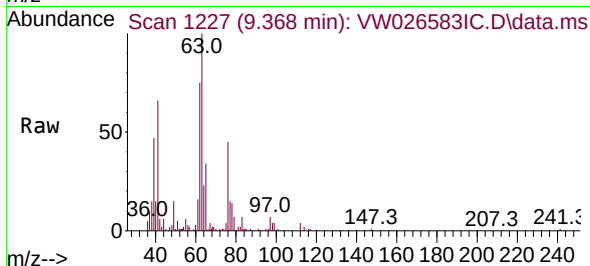
ClientSampleId :

Tgt Ion: 63 Resp: 23857

Ion Ratio Lower Upper

63 100

112 2.1 3.4 5.2#



#38

Bromodichloromethane

Concen: 2.560 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

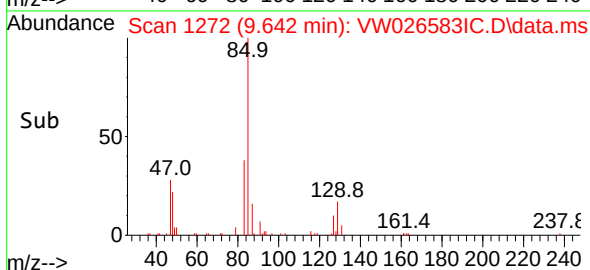
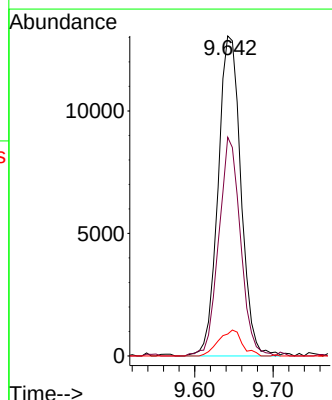
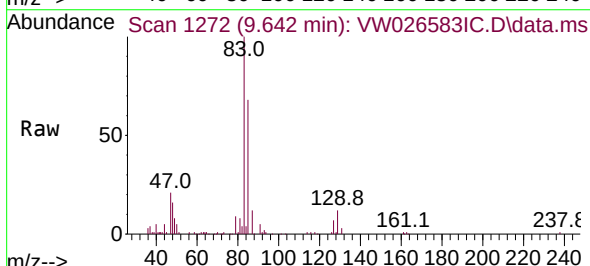
Tgt Ion: 83 Resp: 26467

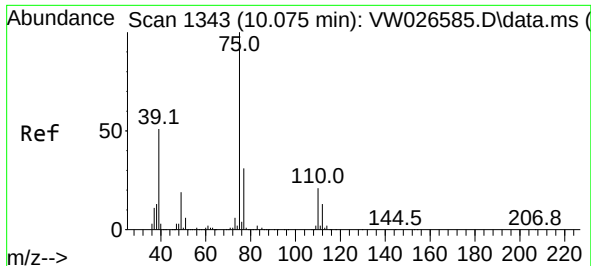
Ion Ratio Lower Upper

83 100

85 68.4 43.3 80.3

127 6.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 2.356 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Instrument :

MSVOA_W

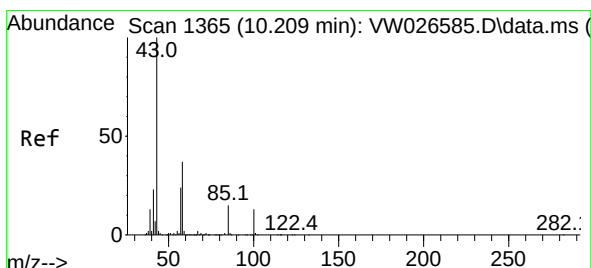
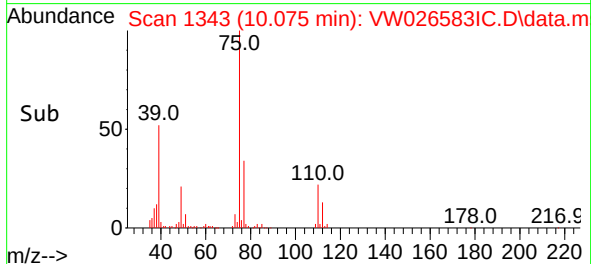
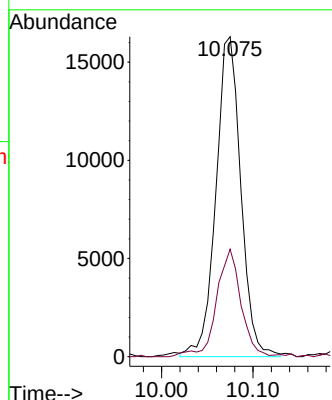
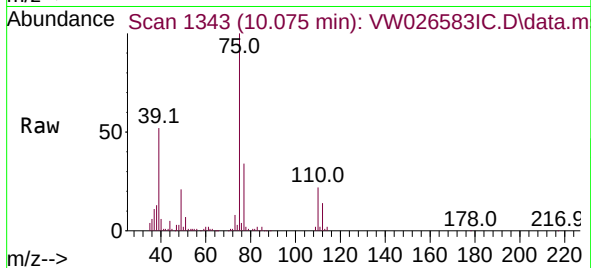
ClientSampleId :

Tgt Ion: 75 Resp: 30868

Ion Ratio Lower Upper

75 100

77 33.6 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 4.460 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

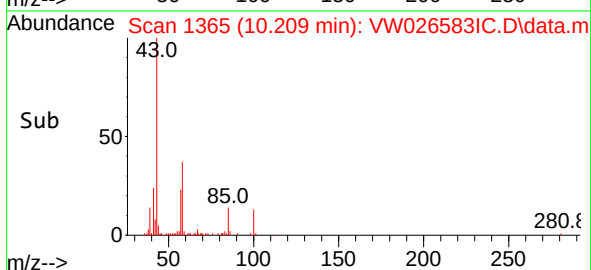
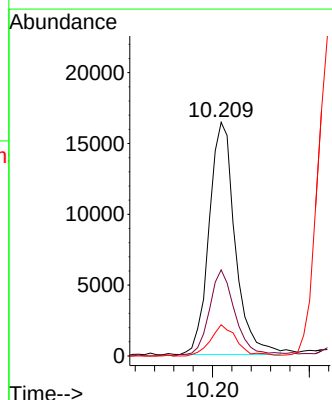
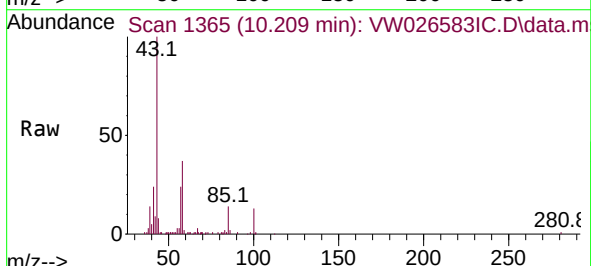
Tgt Ion: 43 Resp: 30635

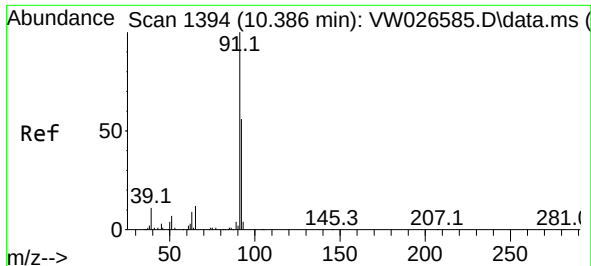
Ion Ratio Lower Upper

43 100

58 36.4 29.8 44.8

100 12.8 10.7 16.1

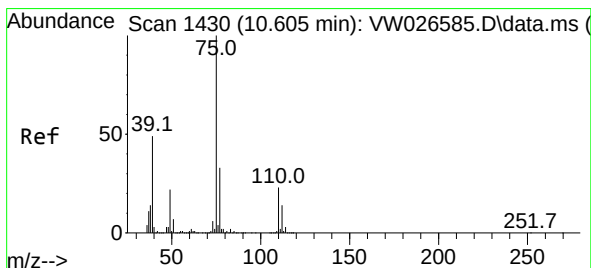
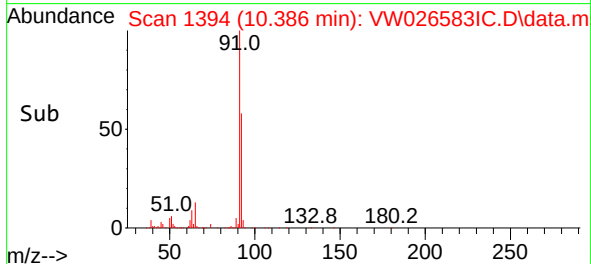
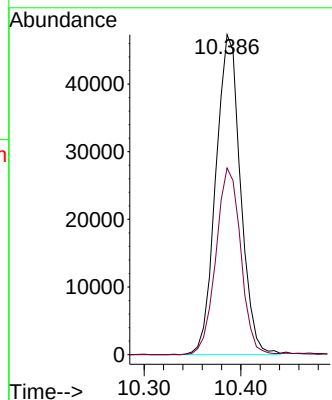
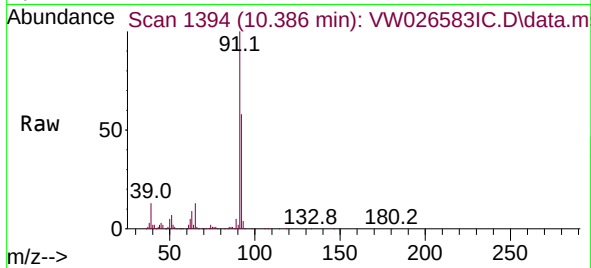




#42
Toluene
Concen: 2.422 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

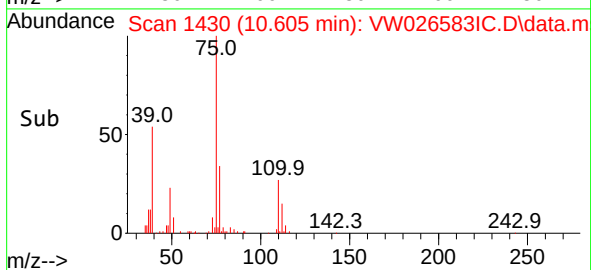
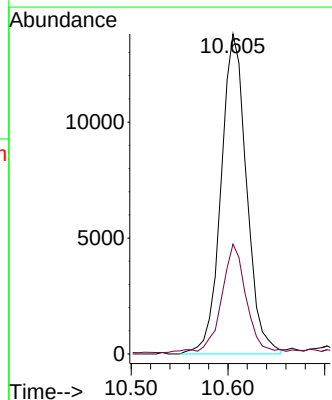
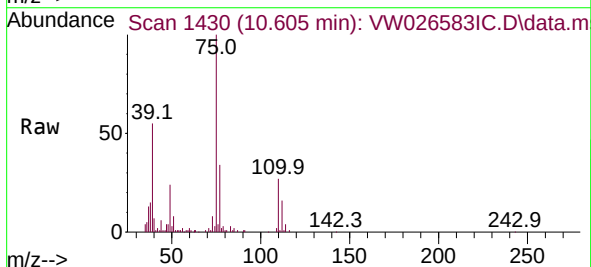
Instrument :
MSVOA_W
ClientSampleId :

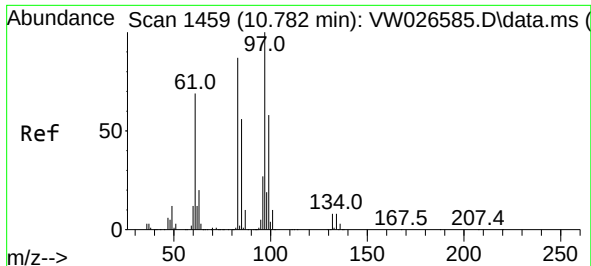
Tgt Ion: 91 Resp: 83821
Ion Ratio Lower Upper
91 100
92 58.4 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 2.288 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Tgt Ion: 75 Resp: 25285
Ion Ratio Lower Upper
75 100
77 34.3 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 2.656 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 16870

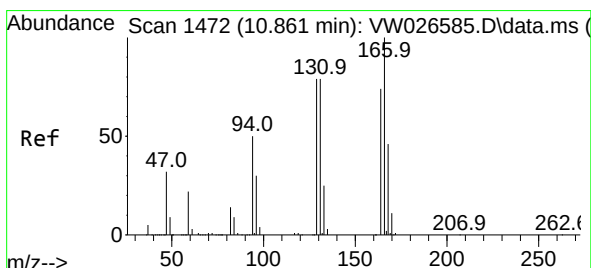
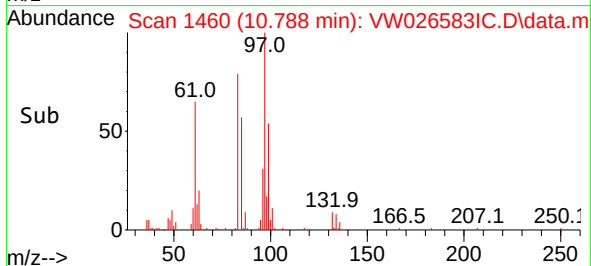
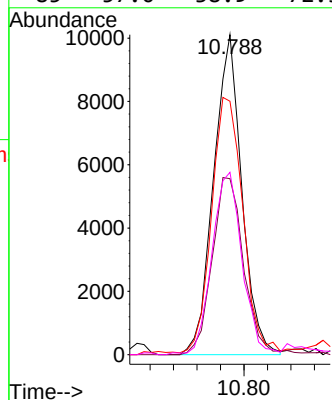
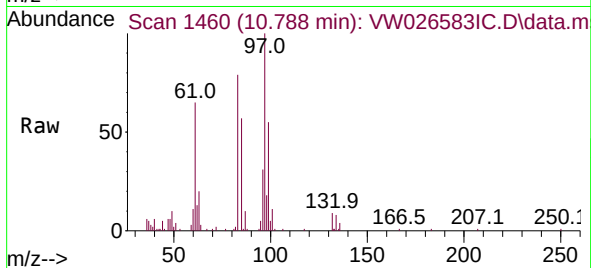
Ion Ratio Lower Upper

97 100

99 55.0 40.5 75.3

83 79.2 61.0 113.2

85 57.0 38.9 72.3



#46

Tetrachloroethene

Concen: 2.562 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Tgt Ion:164 Resp: 16010

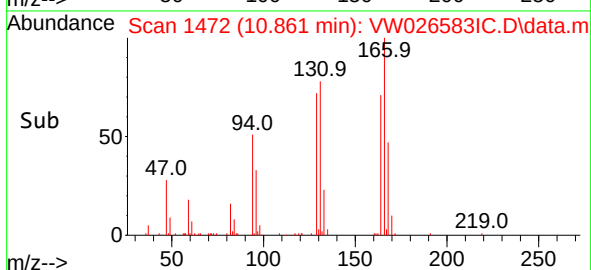
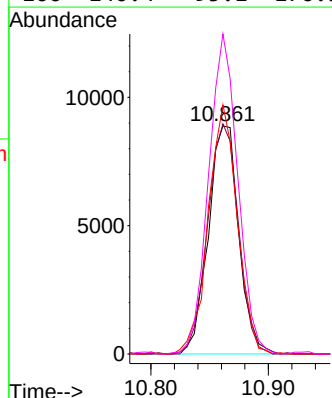
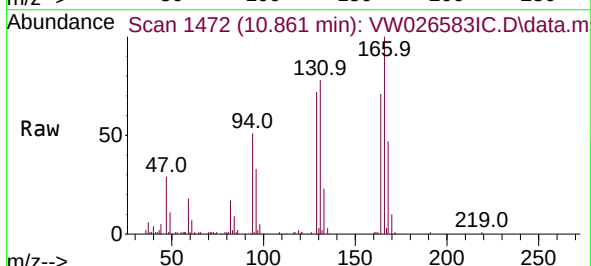
Ion Ratio Lower Upper

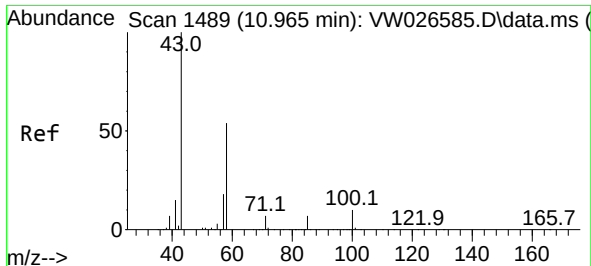
164 100

129 101.0 75.5 140.1

131 109.3 74.8 138.8

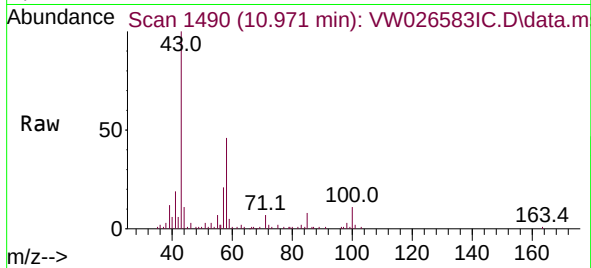
166 140.4 95.1 176.5



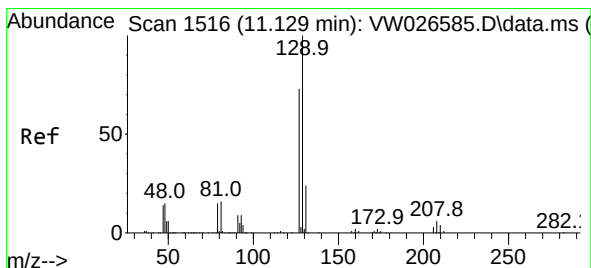
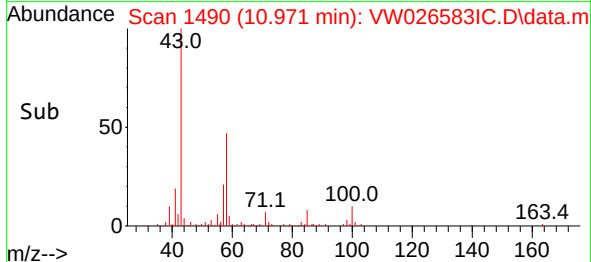
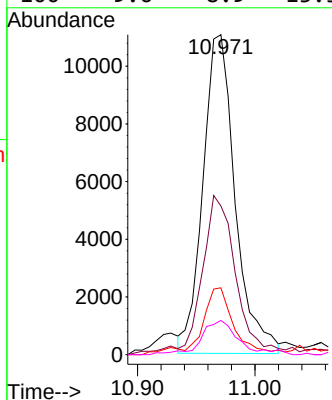


#48
2-Hexanone
Concen: 4.398 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Instrument :
MSVOA_W
ClientSampleId :

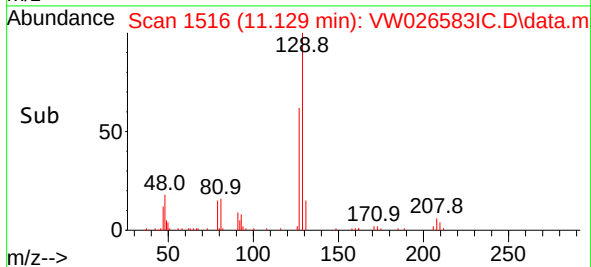
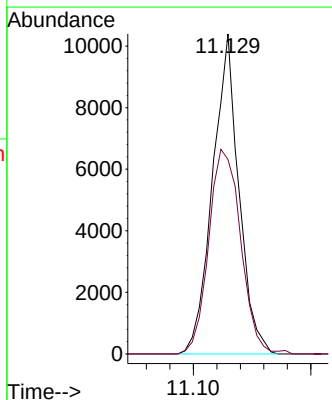
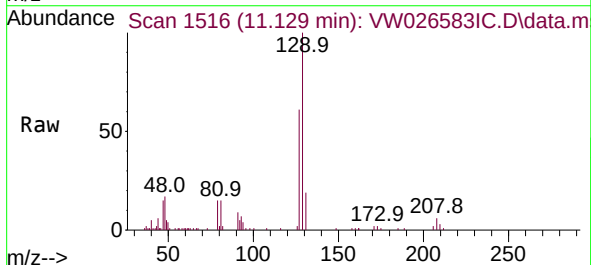


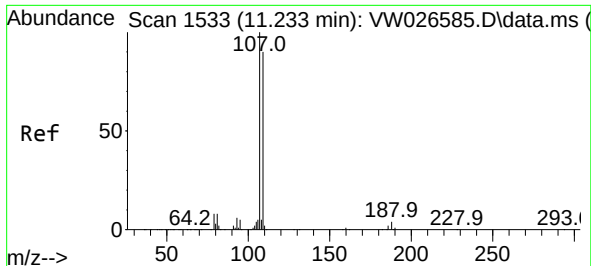
Tgt Ion: 43	Resp: 21085
Ion Ratio	Lower Upper
43 100	
58 50.8	42.1 63.1
57 19.4	14.8 22.2
100 9.6	8.9 13.3



#49
Dibromochloromethane
Concen: 2.569 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Tgt Ion:129	Resp:	16155	
Ion	Ratio	Lower	Upper
129	100		
127	60.8	51.2	95.2





#50

1,2-Dibromoethane

Concen: 2.650 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

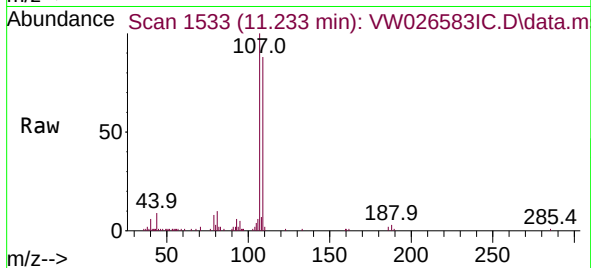
Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Instrument :

MSVOA_W

ClientSampleId :



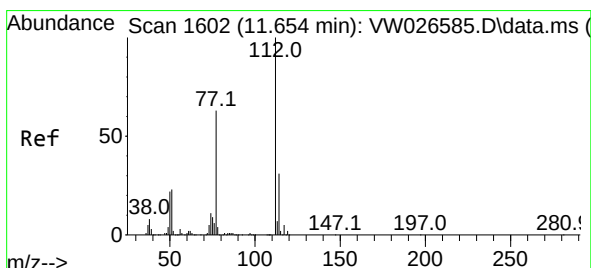
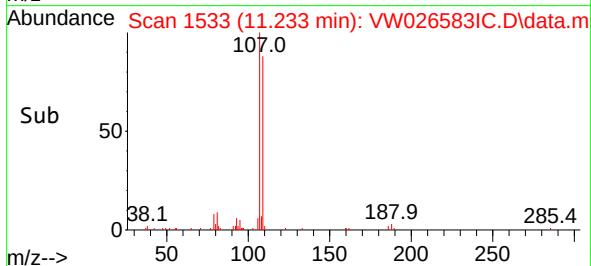
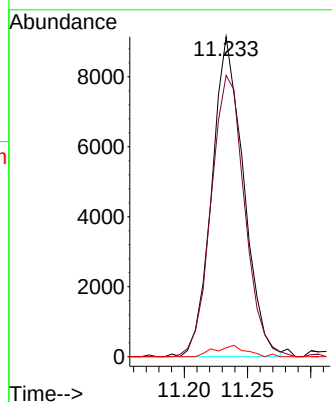
Tgt Ion:107 Resp: 15869

Ion Ratio Lower Upper

107 100

109 87.9 62.9 116.7

188 2.8 2.8 4.2



#51

Chlorobenzene

Concen: 2.600 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

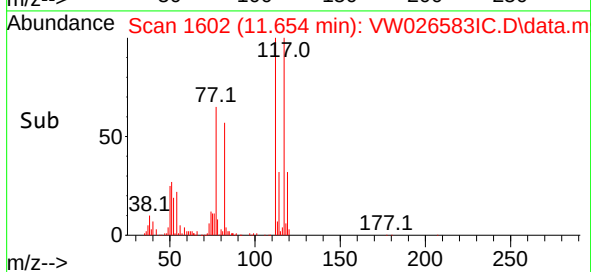
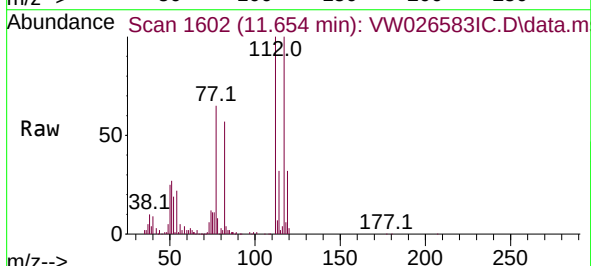
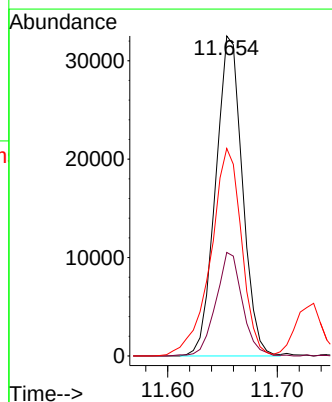
Tgt Ion:112 Resp: 55179

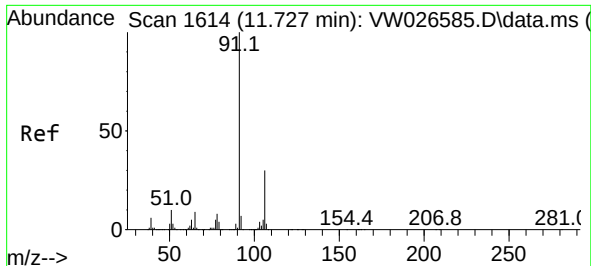
Ion Ratio Lower Upper

112 100

114 32.4 21.6 40.2

77 64.9 50.3 75.5

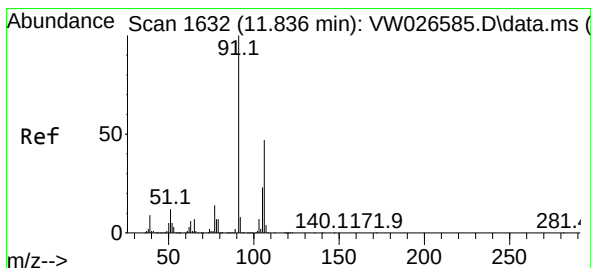
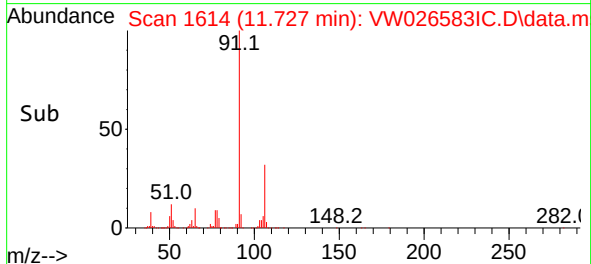
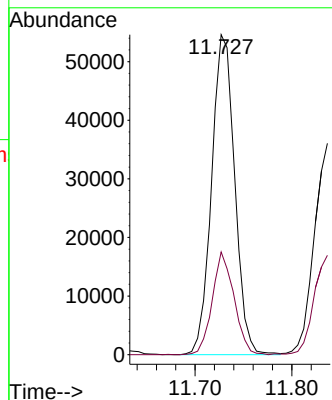
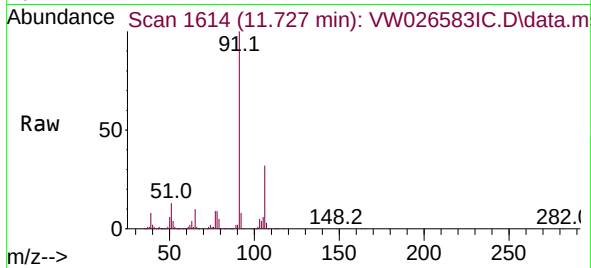




#52
Ethylbenzene
Concen: 2.353 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

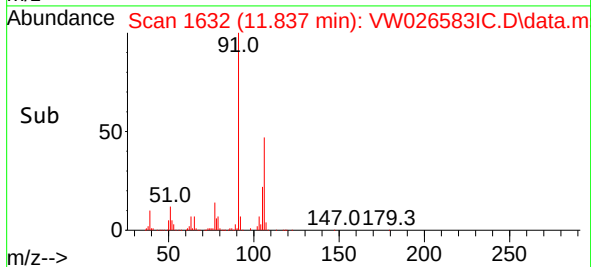
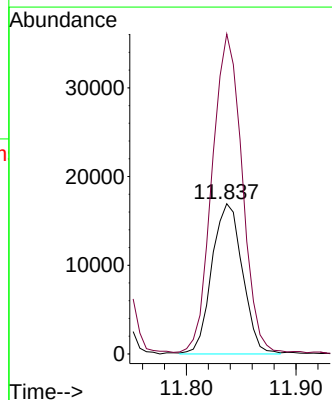
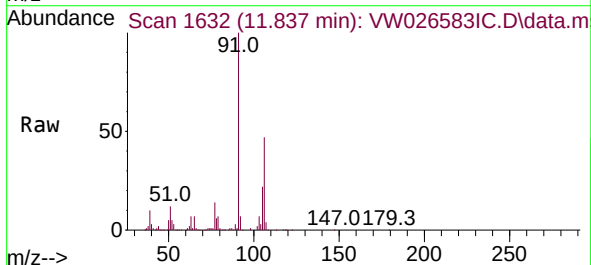
Instrument :
MSVOA_W
ClientSampleId :

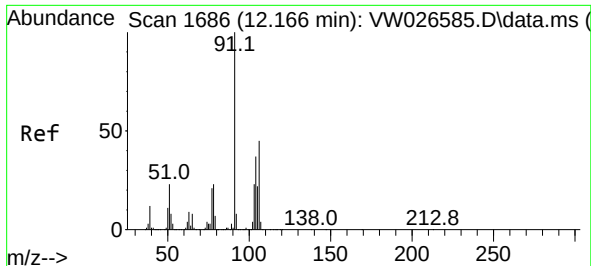
Tgt Ion: 91 Resp: 90650
Ion Ratio Lower Upper
91 100
106 32.1 20.8 38.6



#53
m,p-Xylene
Concen: 2.344 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Tgt Ion:106 Resp: 32854
Ion Ratio Lower Upper
106 100
91 212.9 150.3 279.1

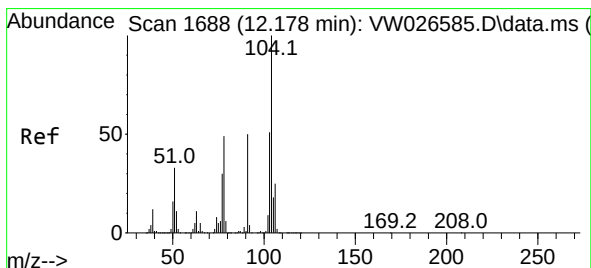
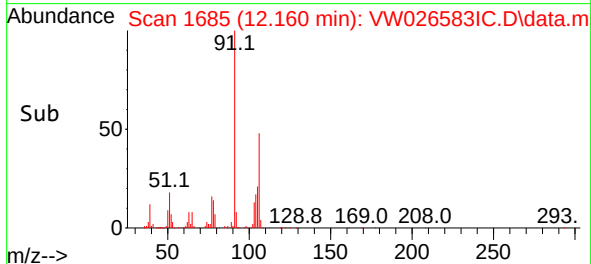
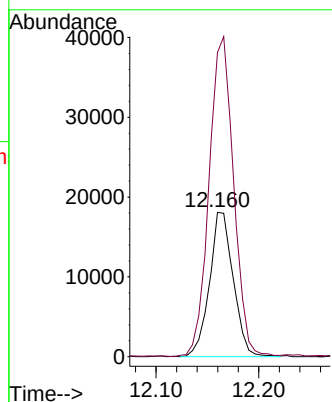
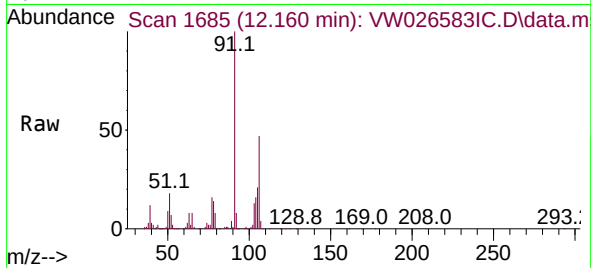




#54
o-Xylene
Concen: 2.212 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

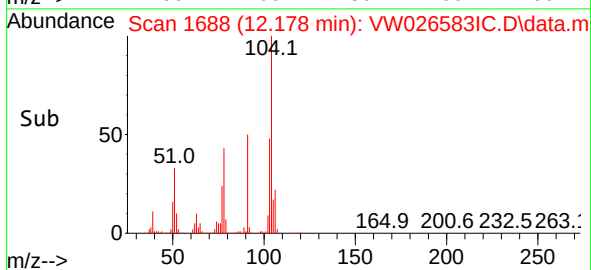
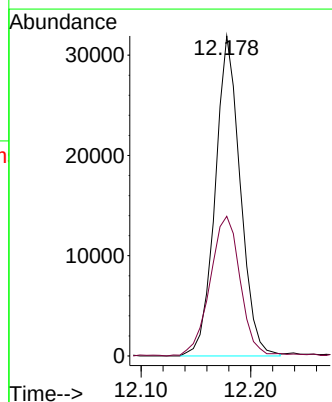
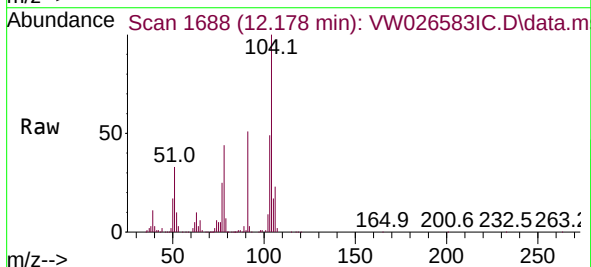
Instrument :
MSVOA_W
ClientSampleId :

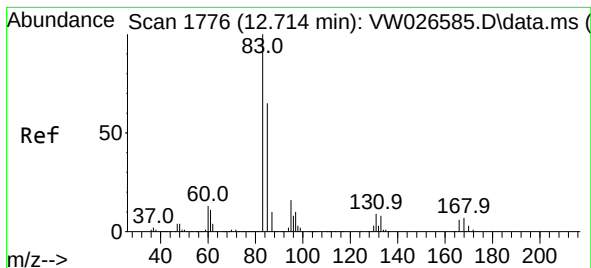
Tgt Ion:106 Resp: 29100
Ion Ratio Lower Upper
106 100
91 210.7 154.3 286.5



#55
Styrene
Concen: 2.293 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Tgt Ion:104 Resp: 50894
Ion Ratio Lower Upper
104 100
78 43.7 34.6 64.2

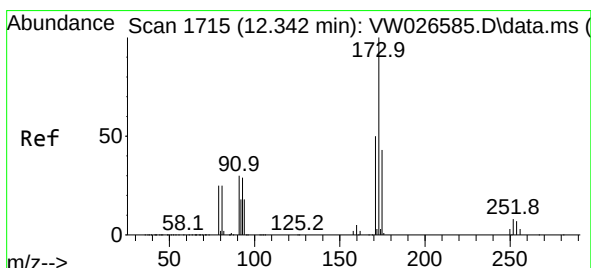
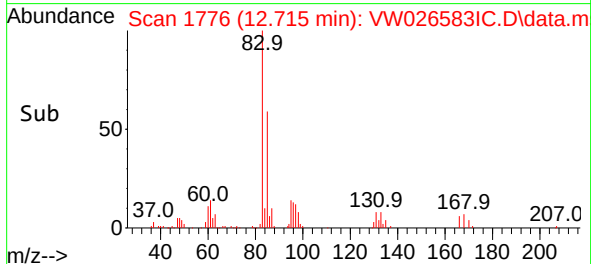
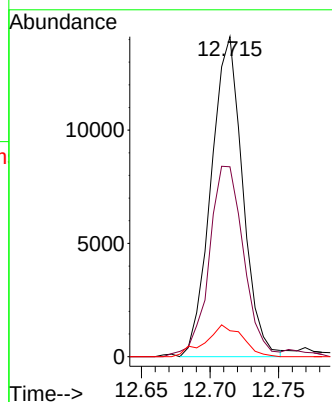
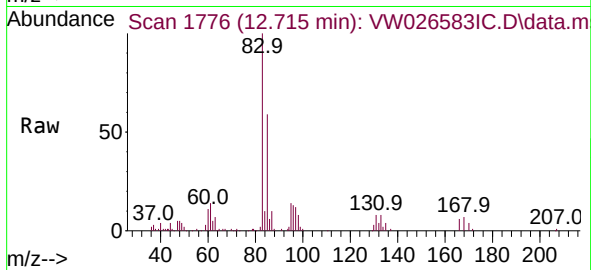




#57
1,1,2,2-Tetrachloroethane
Concen: 2.718 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

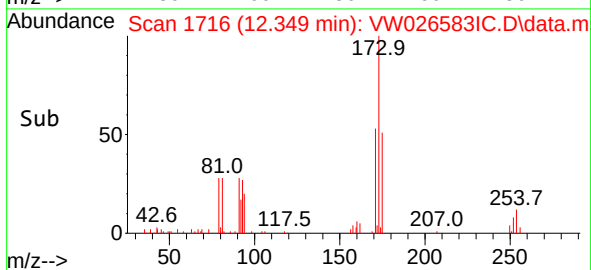
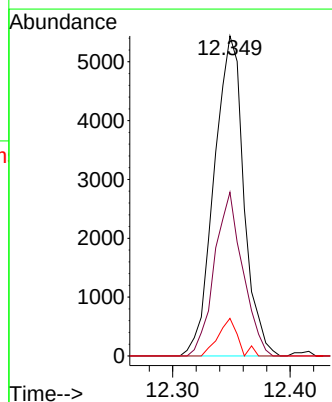
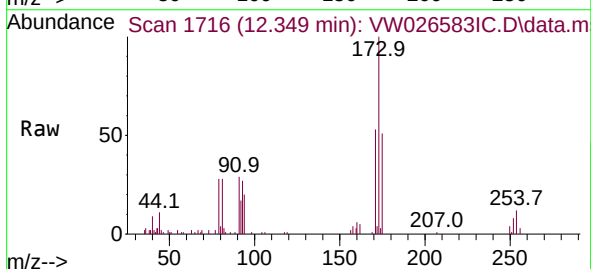
Instrument :
MSVOA_W
ClientSampleId :

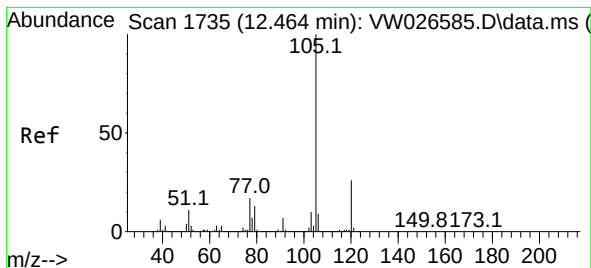
Tgt Ion: 83 Resp: 22653
Ion Ratio Lower Upper
83 100
85 59.3 46.2 85.8
131 8.1 7.2 10.8



#59
Bromoform
Concen: 2.560 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW026583IC.D
Acq: 11 Jul 2023 08:12

Tgt Ion: 173 Resp: 9560
Ion Ratio Lower Upper
173 100
175 48.8 36.6 54.8
254 7.2 7.8 11.6#





#60

Isopropylbenzene

Concen: 2.265 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026583IC.D

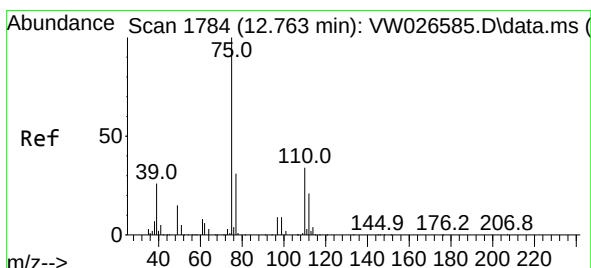
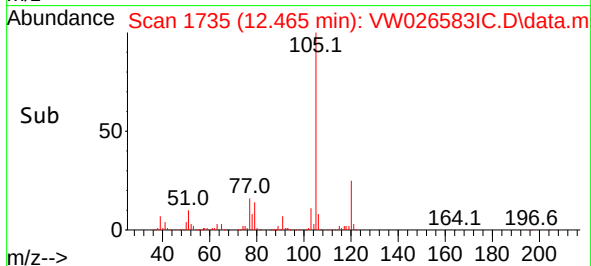
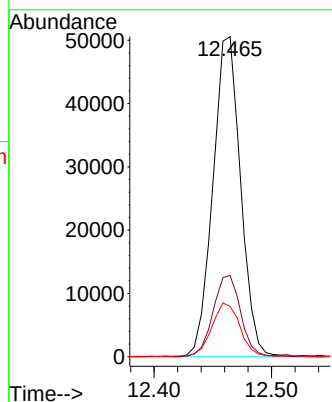
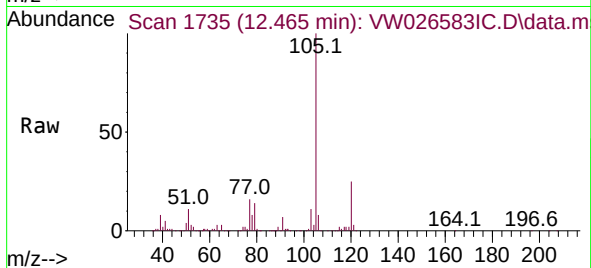
Acq: 11 Jul 2023 08:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	82751
Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.5	30.7
77	17.2	13.4	20.2



#61

1,2,3-Trichloropropane

Concen: 2.748 ug/L

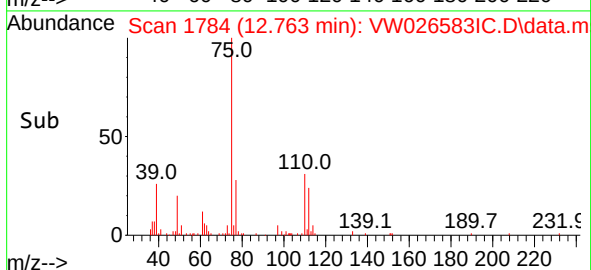
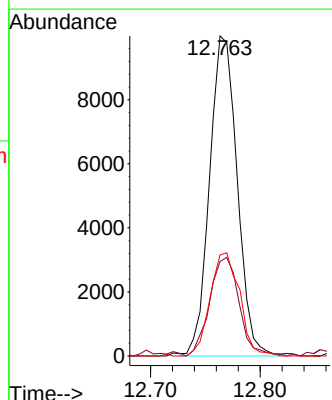
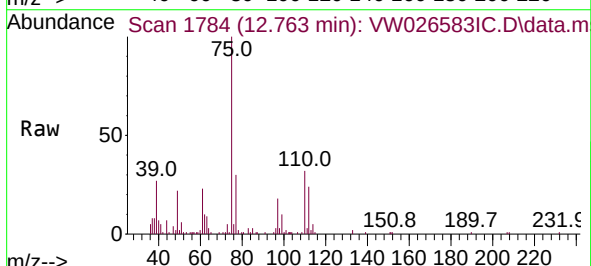
RT: 12.763 min Scan# 1784

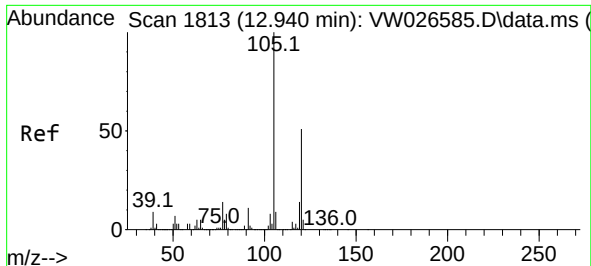
Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Tgt Ion:	75	Resp:	17525
Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.7	38.5
110	34.3	28.3	42.5





#62

1,3,5-Trimethylbenzene

Concen: 2.140 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Instrument :

MSVOA_W

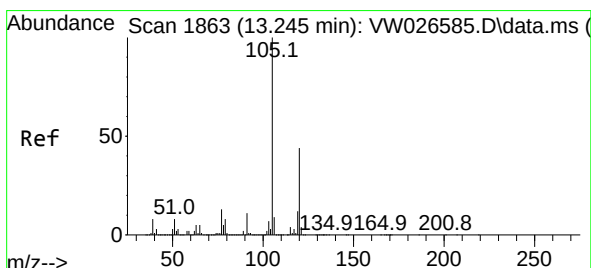
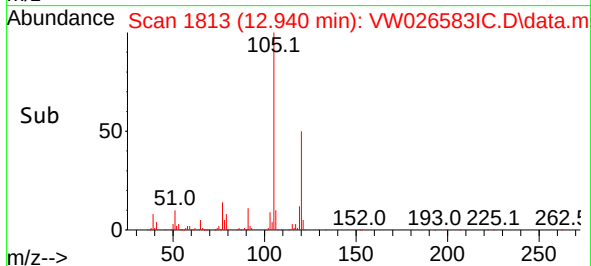
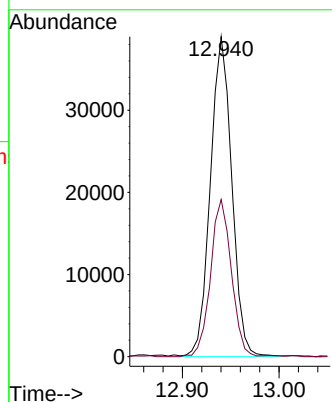
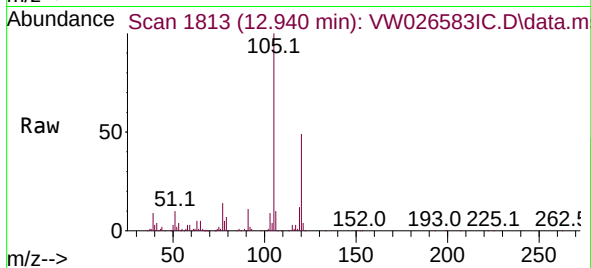
ClientSampleId :

Tgt Ion:105 Resp: 59981

Ion Ratio Lower Upper

105 100

120 47.5 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 2.067 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026583IC.D

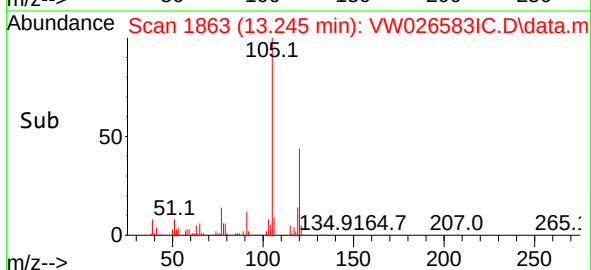
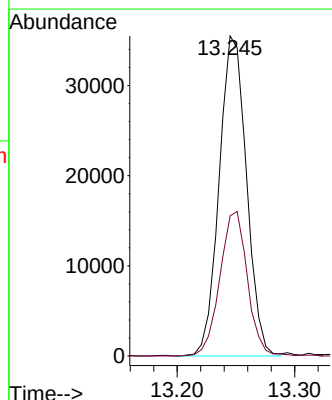
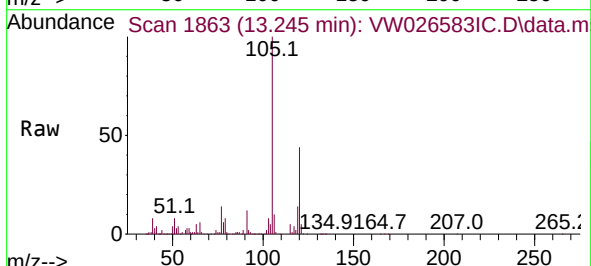
Acq: 11 Jul 2023 08:12

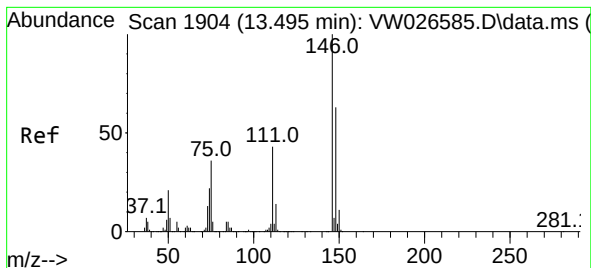
Tgt Ion:105 Resp: 57440

Ion Ratio Lower Upper

105 100

120 45.4 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 2.566 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

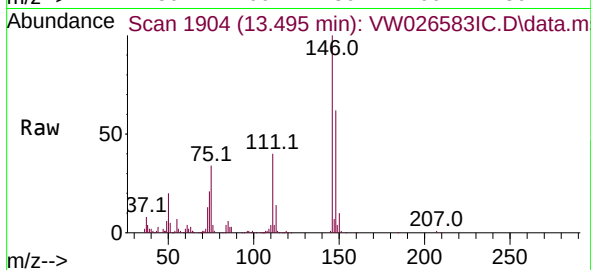
Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Instrument :

MSVOA_W

ClientSampleId :



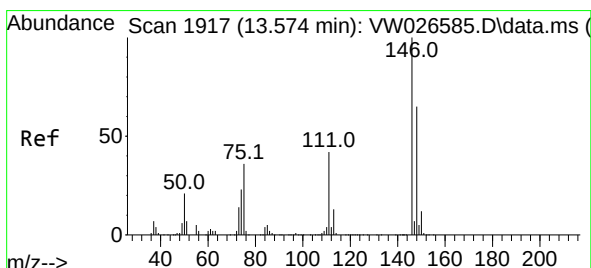
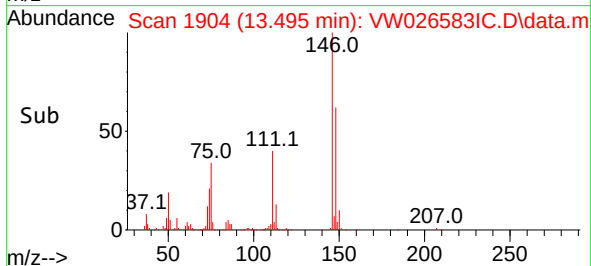
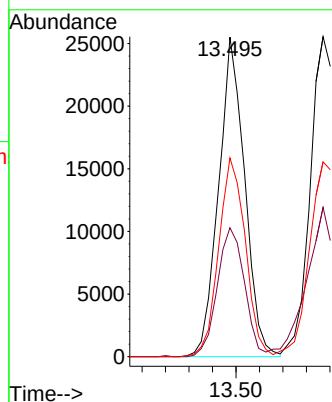
Tgt Ion:146 Resp: 39338

Ion Ratio Lower Upper

146 100

111 40.4 30.4 56.4

148 62.2 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 2.778 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

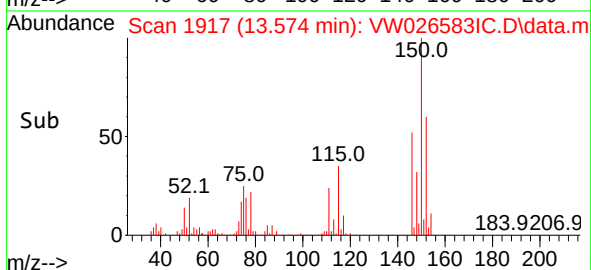
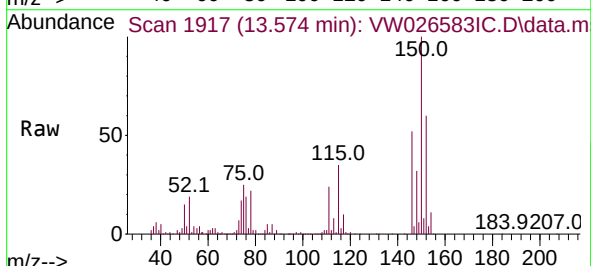
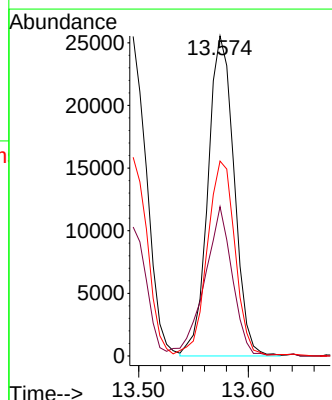
Tgt Ion:146 Resp: 42469

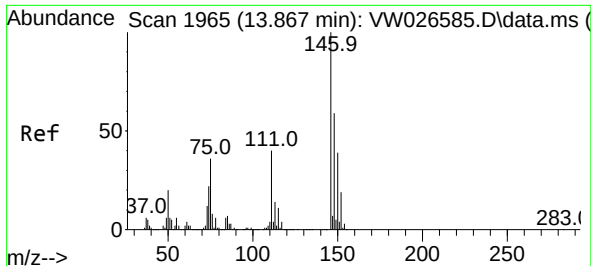
Ion Ratio Lower Upper

146 100

111 46.7 29.7 55.1

148 60.9 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 2.680 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

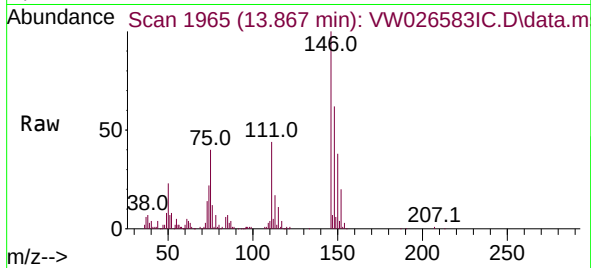
Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Instrument :

MSVOA_W

ClientSampleId :



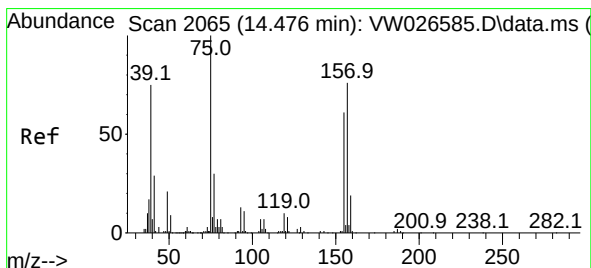
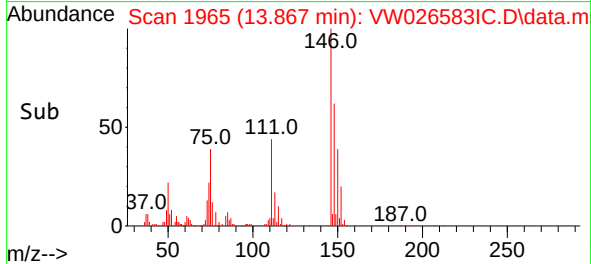
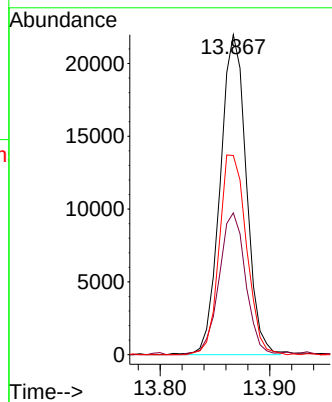
Tgt Ion:146 Resp: 36364

Ion Ratio Lower Upper

146 100

111 44.3 31.8 47.8

148 62.3 46.9 70.3



#68

1,2-Dibromo-3-chloropropane

Concen: 2.616 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

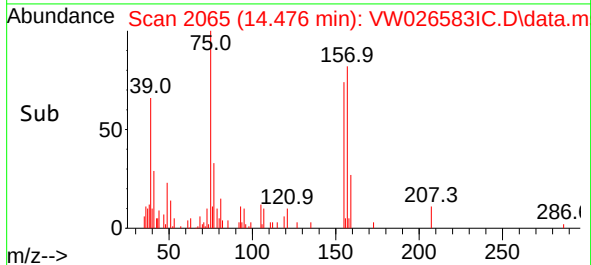
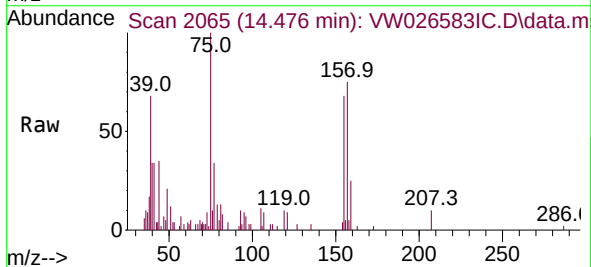
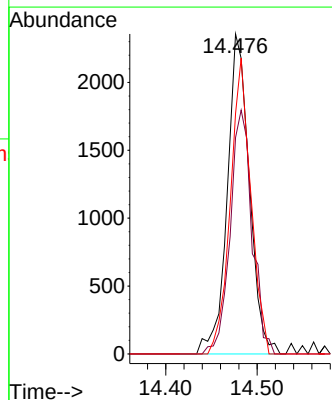
Tgt Ion: 75 Resp: 3972

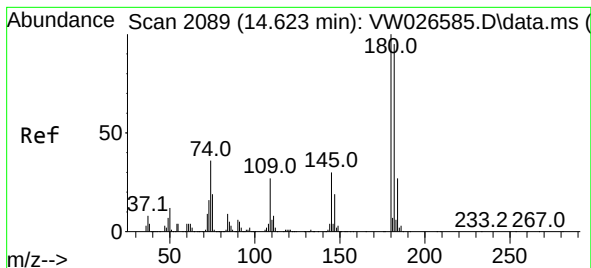
Ion Ratio Lower Upper

75 100

155 67.6 49.1 73.7

157 75.1 60.6 90.8





#69

1,3,5-Trichlorobenzene

Concen: 2.634 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 26723

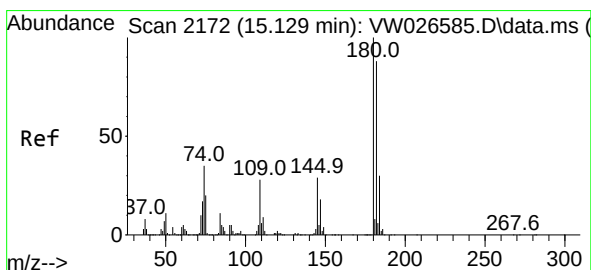
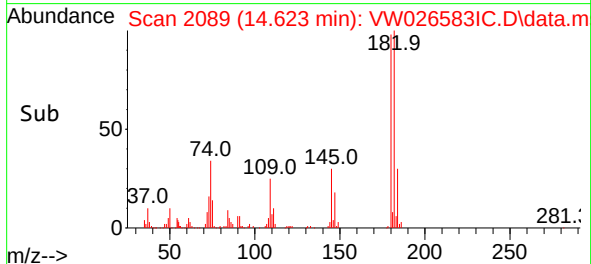
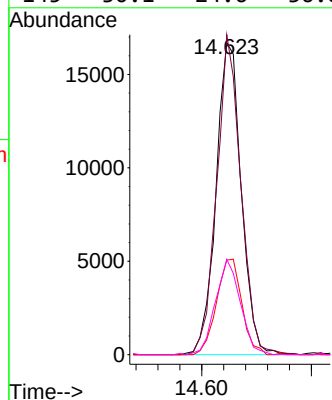
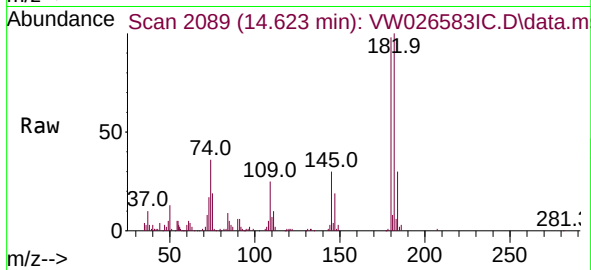
Ion Ratio Lower Upper

180 100

182 97.9 75.8 113.6

184 30.6 23.7 35.5

145 30.1 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 2.539 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

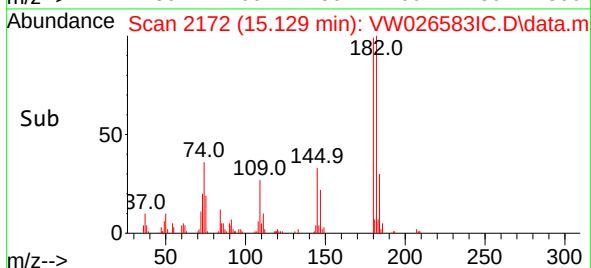
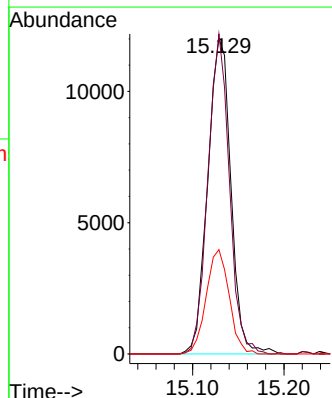
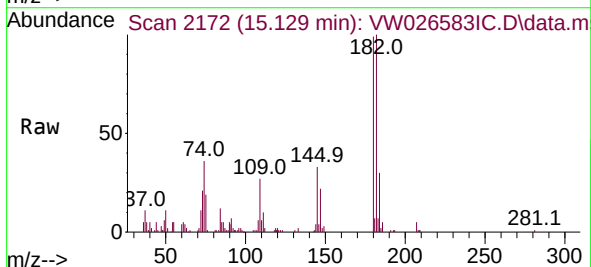
Tgt Ion:180 Resp: 21136

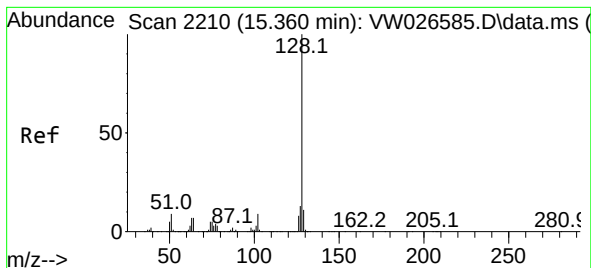
Ion Ratio Lower Upper

180 100

182 93.8 73.5 110.3

145 32.7 25.0 37.6





#71

Naphthalene

Concen: 2.142 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

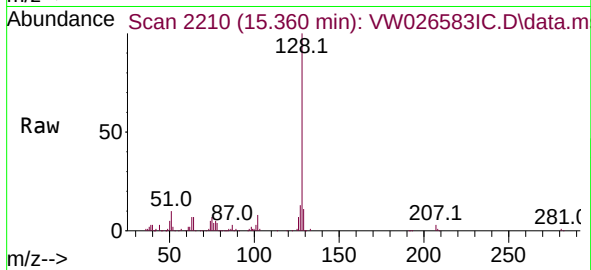
Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Instrument :

MSVOA_W

ClientSampleId :



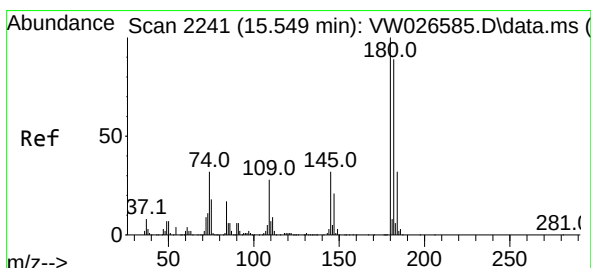
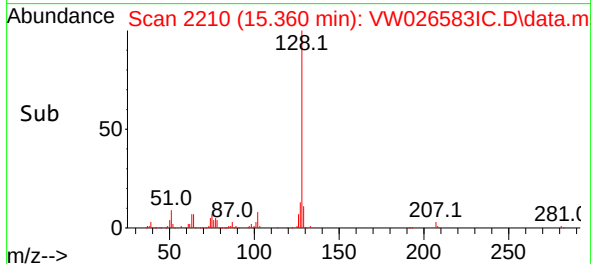
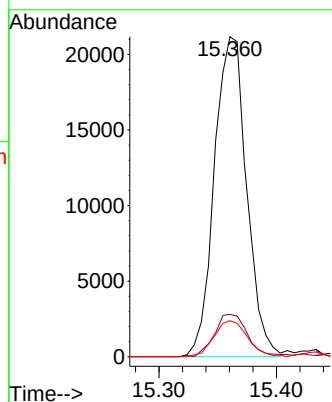
Tgt Ion:128 Resp: 40379

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 11.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.501 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026583IC.D

Acq: 11 Jul 2023 08:12

Tgt Ion:180 Resp: 19600

Ion Ratio Lower Upper

180 100

182 95.4 75.2 112.8

145 36.7 26.6 40.0

