

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026691.D
 Acq On : 10 Aug 2023 20:56
 Operator : SY/MD
 Sample : 03967-03MSD
 Misc : 4.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A48K2MSD

Quant Time: Aug 11 02:04:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:00:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	649991	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	544692	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	185042	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	276585	25.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.520%	
7) Chloroethane-d5	2.893	69	207659	26.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.560%	
11) 1,1-Dichloroethene-d2	4.027	65	128140	24.383	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.520%	
21) 2-Butanone-d5	7.081	46	94108	30.643	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 61.280%	
24) Chloroform-d	7.648	84	581495	26.655	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 106.640%	
26) 1,2-Dichloroethane-d4	8.307	65	331416	27.529	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 110.120%	
32) Benzene-d6	8.276	84	1153703	30.733	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 122.920%	
36) 1,2-Dichloropropane-d6	9.270	67	365966	31.297	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 125.200%#	
41) Toluene-d8	10.319	98	947223	29.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 117.560%	
43) trans-1,3-Dichloroprop...	10.575	79	101906	21.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 84.440%	
47) 2-Hexanone-d5	10.922	63	41857	34.066	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 68.140%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	241895	26.195	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 104.760%	
66) 1,2-Dichlorobenzene-d4	13.849	152	159932	24.148	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	193869	21.937	ug/L #	86
3) Chloromethane	2.229	50	264056	21.851	ug/L	100
5) Vinyl chloride	2.375	62	269889	23.363	ug/L	96
6) Bromomethane	2.783	94	93264	13.857	ug/L	97
8) Chloroethane	2.930	64	160562	23.196	ug/L	95
9) Trichlorofluoromethane	3.259	101	212861	22.453	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	214312	20.928	ug/L #	70
12) 1,1-Dichloroethene	4.045	96	216443	22.529	ug/L	88
13) Acetone	4.125	43	99807	32.685	ug/L	96
14) Carbon disulfide	4.393	76	518166	14.992	ug/L	100
15) Methyl Acetate	4.667	43	84344	13.789	ug/L	98
16) Methylene chloride	4.923	84	249318	19.829	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	238202	22.219	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	426655	26.302	ug/L	100
19) 1,1-Dichloroethane	6.216	63	520398	23.585	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	261911	22.729	ug/L	99
22) 2-Butanone	7.173	43	208448	46.321	ug/L	92
23) Bromochloromethane	7.514	128	121867	24.482	ug/L	96
25) Chloroform	7.679	83	493603	23.156	ug/L	96

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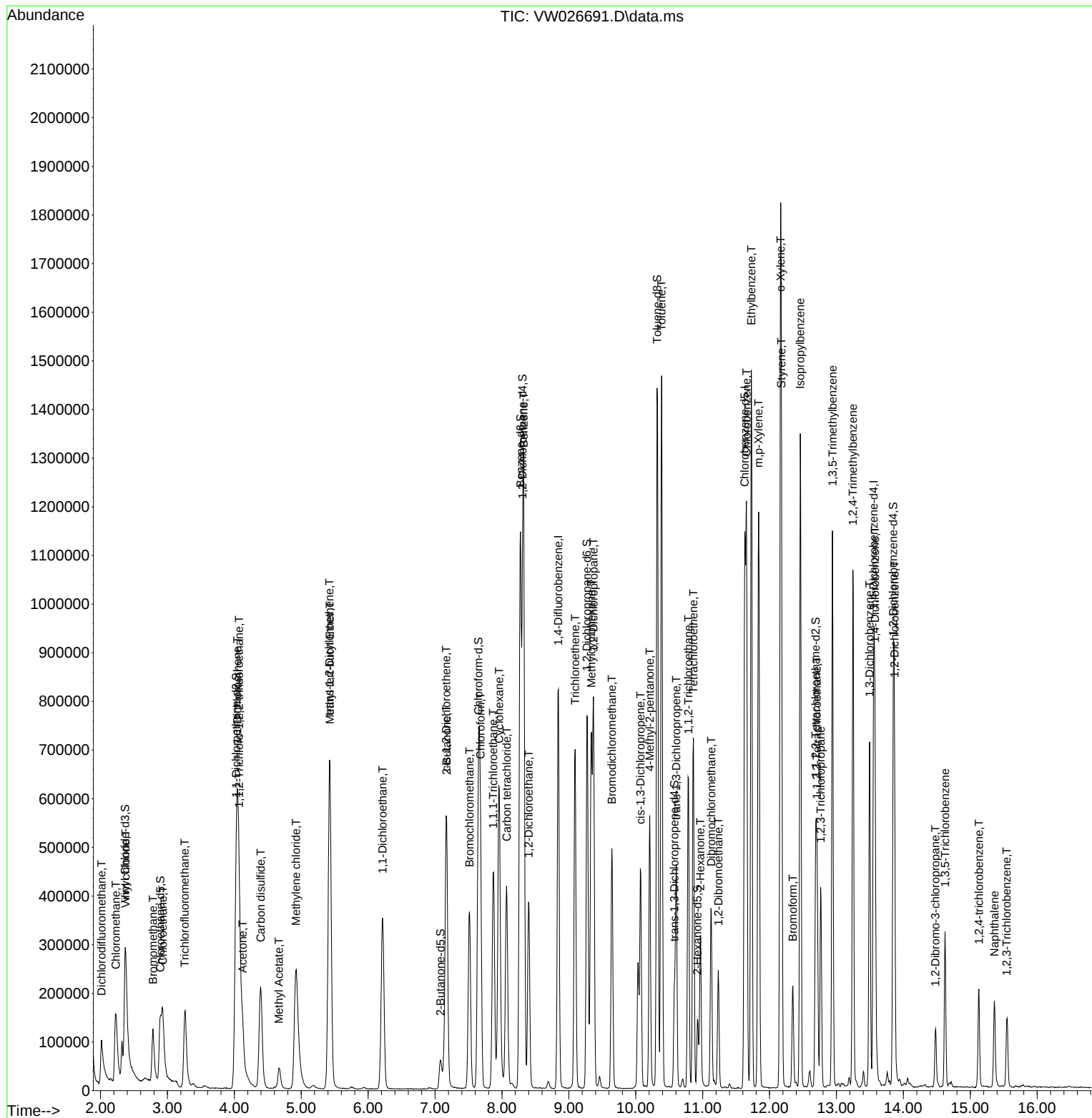
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	356910	24.000	ug/L	100
29) Cyclohexane	7.959	56	367703	21.829	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	367455	25.849	ug/L	100
31) Carbon tetrachloride	8.069	117	320961	24.694	ug/L	96
33) Benzene	8.325	78	1067817	26.920	ug/L	100
34) Trichloroethene	9.093	95	249952	24.742	ug/L	97
35) Methylcyclohexane	9.337	83	263689	15.257	ug/L	99
37) 1,2-Dichloropropane	9.368	63	296127	27.256	ug/L	99
38) Bromodichloromethane	9.642	83	327407	25.688	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	264180	16.902	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	373954	52.914	ug/L	99
42) Toluene	10.386	91	1017406	25.355	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	243563	18.104	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	195614	26.326	ug/L	98
46) Tetrachloroethene	10.861	164	154612	21.066	ug/L	90
48) 2-Hexanone	10.965	43	219772	45.701	ug/L	95
49) Dibromochloromethane	11.130	129	190615	24.527	ug/L	95
50) 1,2-Dibromoethane	11.233	107	158521	22.736	ug/L	98
51) Chlorobenzene	11.654	112	560495	22.114	ug/L	98
52) Ethylbenzene	11.727	91	988719	21.973	ug/L	95
53) m,p-Xylene	11.837	106	363910	21.830	ug/L	89
54) o-Xylene	12.166	106	341748	21.966	ug/L	98
55) Styrene	12.178	104	432275	15.980	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	209337	22.245	ug/L	98
59) Bromoform	12.349	173	94225	32.506	ug/L	96
60) Isopropylbenzene	12.459	105	810987	29.478	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	173441	38.641	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	556961	25.613	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	553471	25.974	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	257985	21.562	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	263179	21.077	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	225868	20.760	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	31356	28.977	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	87903	10.875	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	59629	8.701	ug/L	98
71) Naphthalene	15.360	128	144723	11.070	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	44060	7.128	ug/L	94

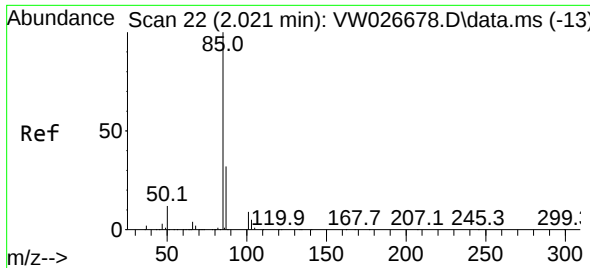
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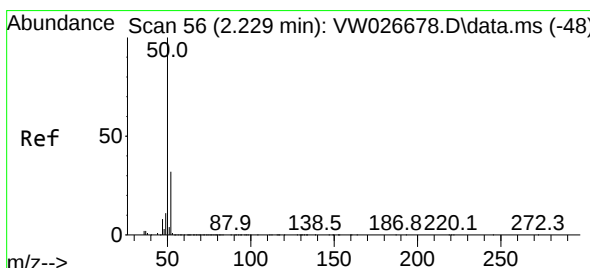
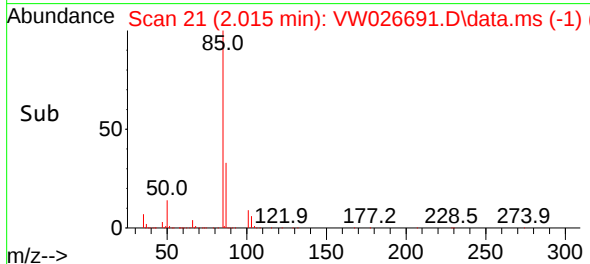
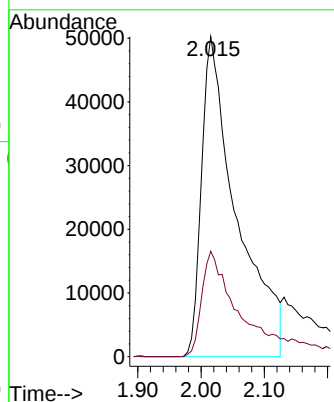
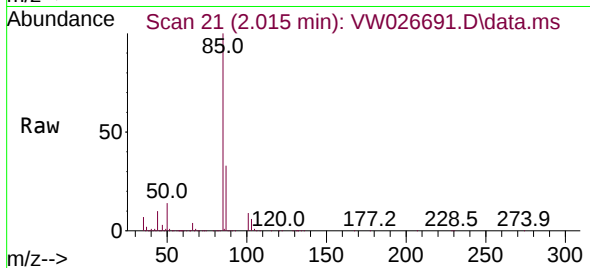




#2
 Dichlorodifluoromethane
 Concen: 21.937 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026691.D
 Acq: 10 Aug 2023 20:56

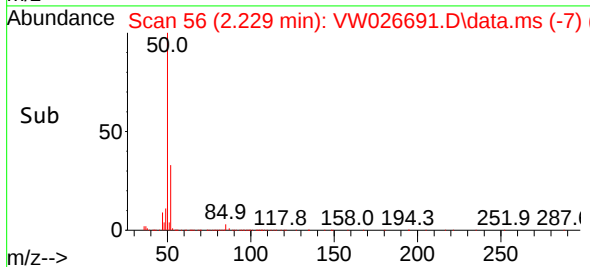
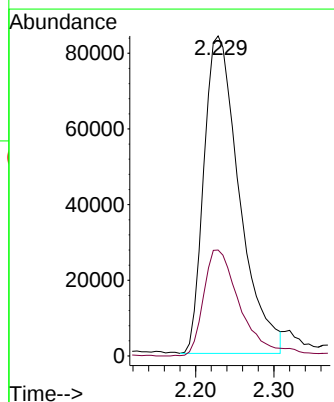
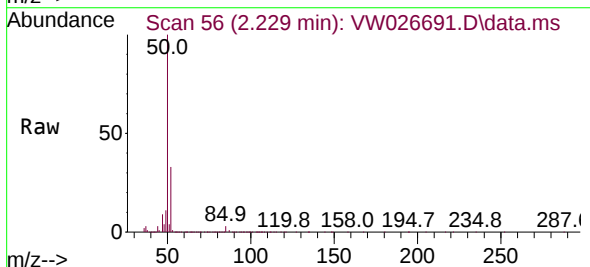
Instrument :
 MSVOA_W
 ClientSampleId :
 A48K2MSD

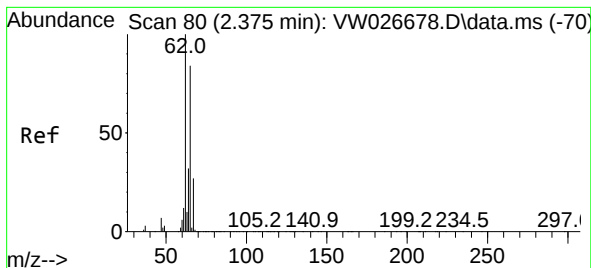
Tgt Ion: 85 Resp: 193869
 Ion Ratio Lower Upper
 85 100
 87 31.3 19.5 29.3#



#3
 Chloromethane
 Concen: 21.851 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026691.D
 Acq: 10 Aug 2023 20:56

Tgt Ion: 50 Resp: 264056
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.8





#5

Vinyl chloride

Concen: 23.363 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

Instrument :

MSVOA_W

ClientSampleId :

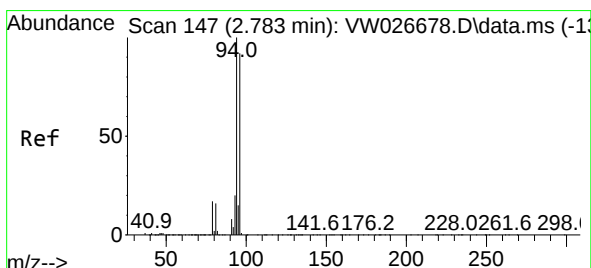
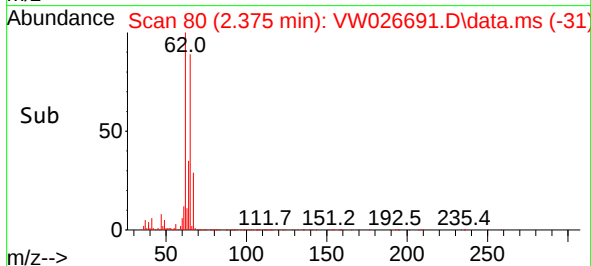
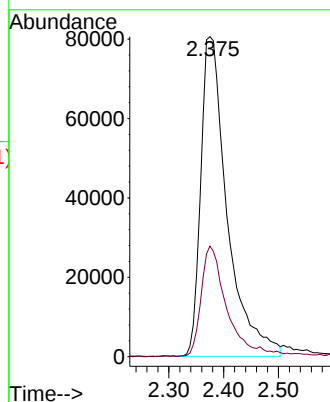
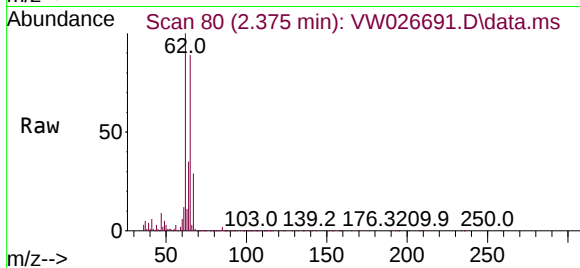
A48K2MSD

Tgt Ion: 62 Resp: 269889

Ion Ratio Lower Upper

62 100

64 34.6 22.7 42.3



#6

Bromomethane

Concen: 13.857 ug/L

RT: 2.783 min Scan# 147

Delta R.T. 0.000 min

Lab File: VW026691.D

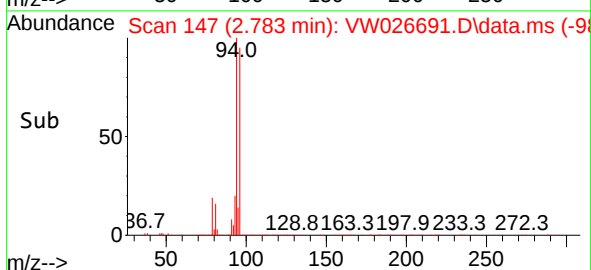
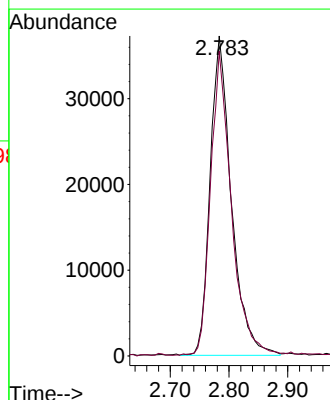
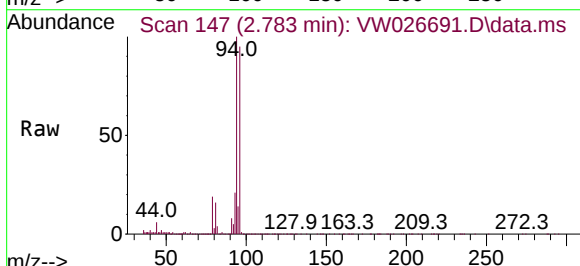
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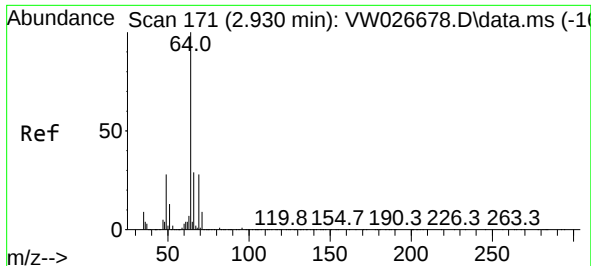
Tgt Ion: 94 Resp: 93264

Ion Ratio Lower Upper

94 100

96 95.2 64.8 120.3

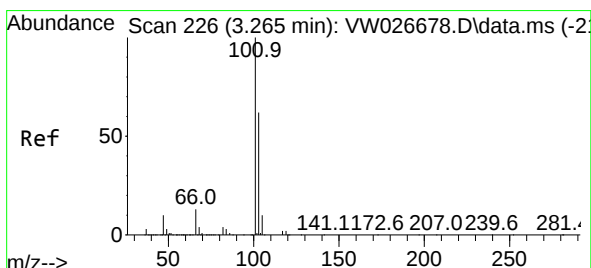
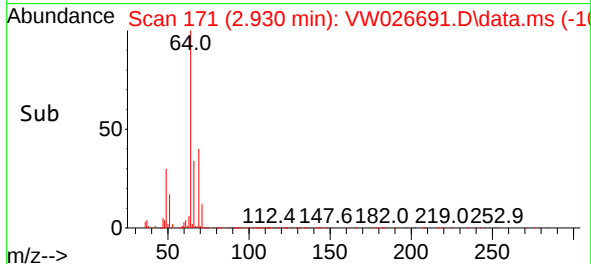
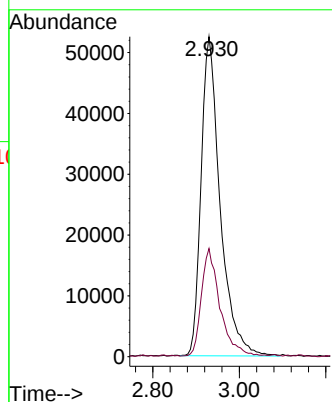
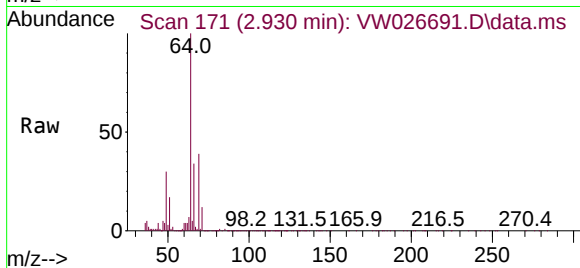




#8
Chloroethane
Concen: 23.196 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

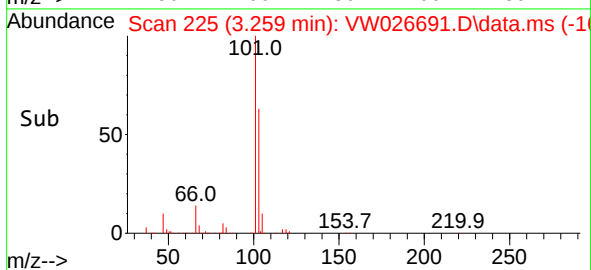
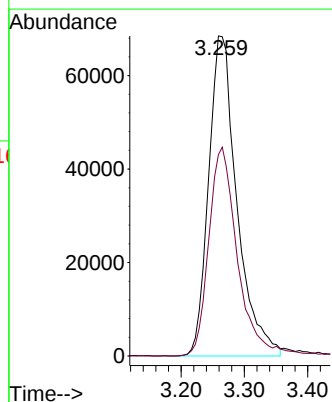
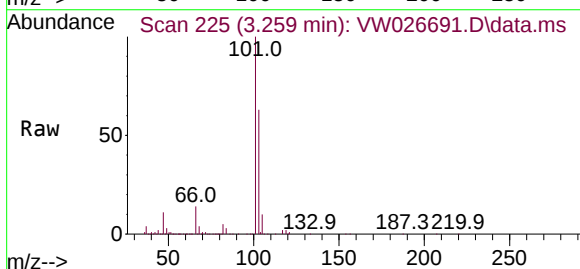
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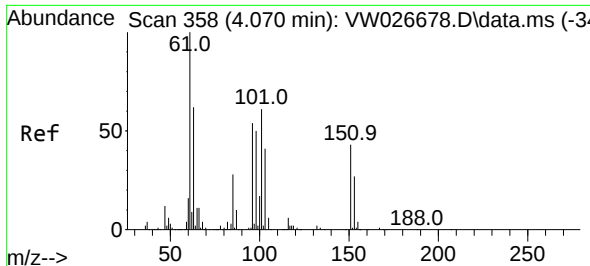
Tgt Ion: 64 Resp: 160562
Ion Ratio Lower Upper
64 100
66 33.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.453 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Tgt Ion: 101 Resp: 212861
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9

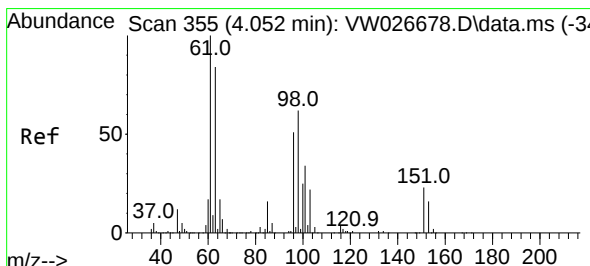
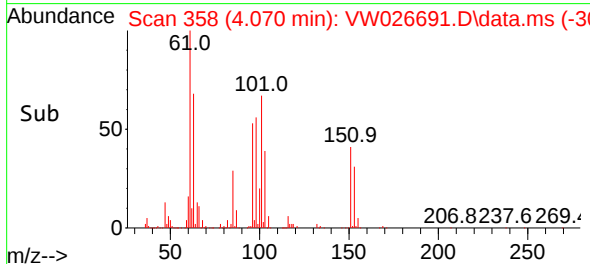
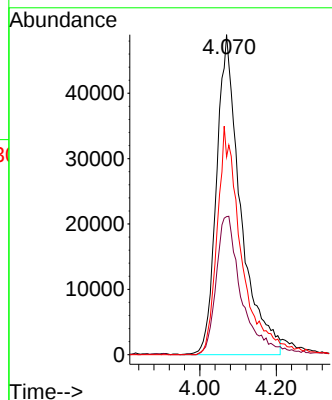
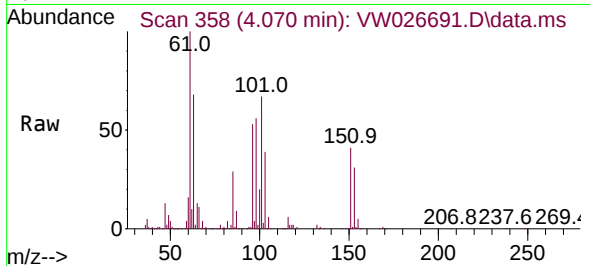




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.928 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW026691.D
 Acq: 10 Aug 2023 20:56

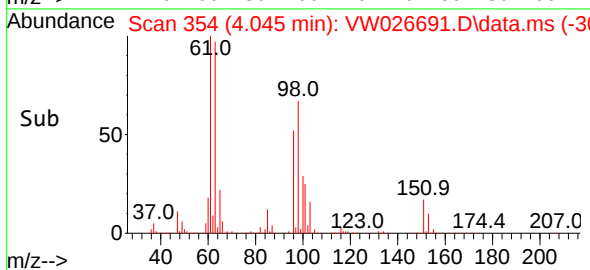
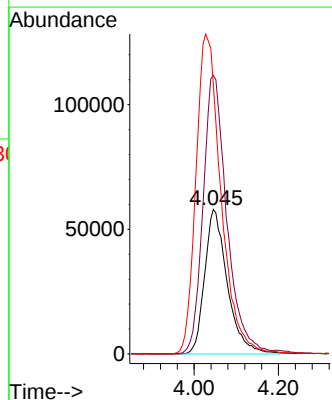
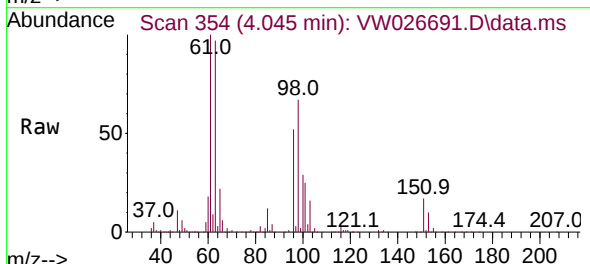
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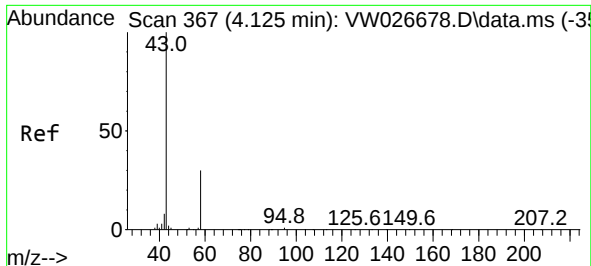
Tgt Ion:101 Resp: 214312
 Ion Ratio Lower Upper
 101 100
 85 42.1 32.8 49.2
 151 29.5 54.4 81.6#



#12
 1,1-Dichloroethene
 Concen: 22.529 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW026691.D
 Acq: 10 Aug 2023 20:56

Tgt Ion: 96 Resp: 216443
 Ion Ratio Lower Upper
 96 100
 61 192.8 133.2 247.4
 63 186.5 109.0 202.4





#13

Acetone

Concen: 32.685 ug/L

RT: 4.125 min Scan# 30

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

Instrument :

MSVOA_W

ClientSampleId :

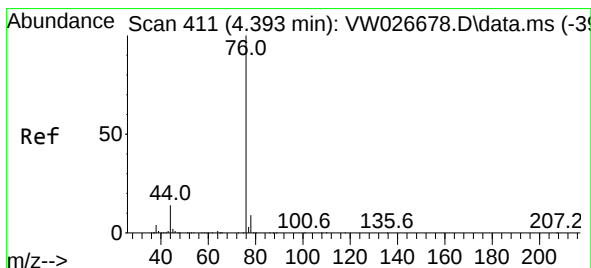
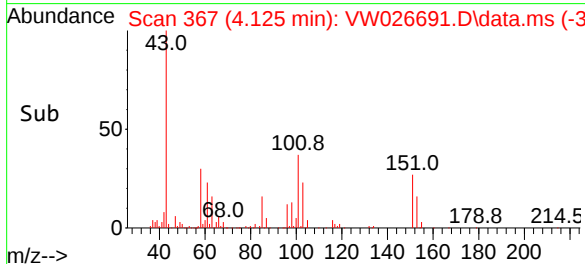
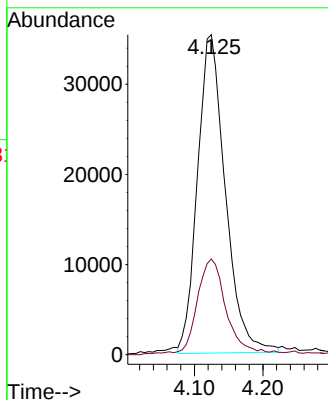
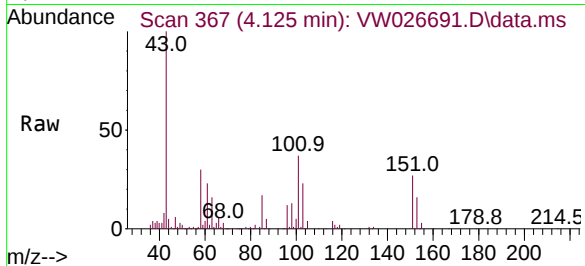
A48K2MSD

Tgt Ion: 43 Resp: 99807

Ion Ratio Lower Upper

43 100

58 30.6 0.0 57.4



#14

Carbon disulfide

Concen: 14.992 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

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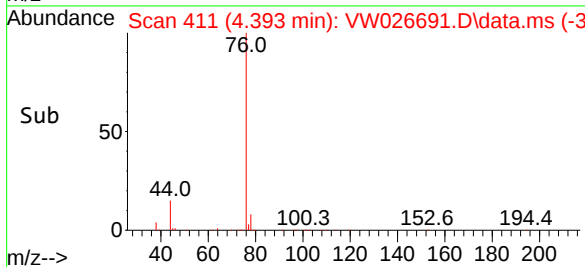
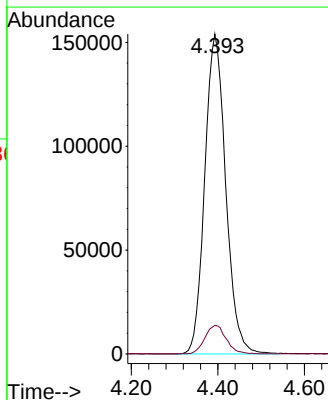
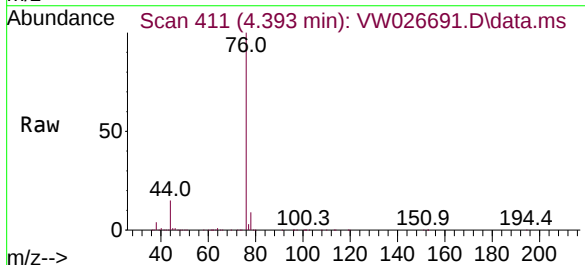
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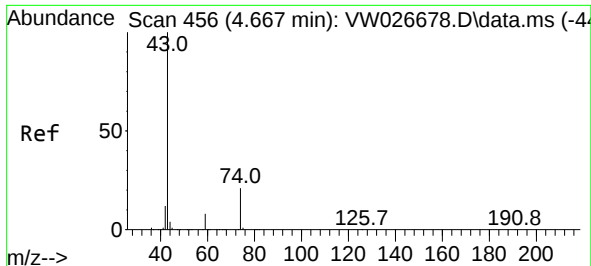
Tgt Ion: 76 Resp: 518166

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

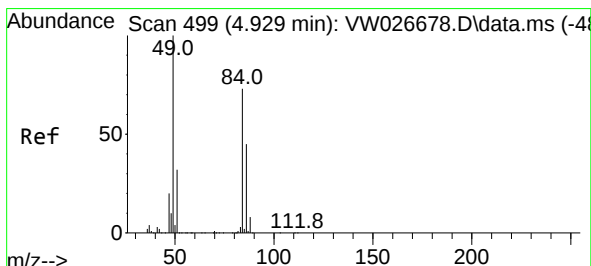
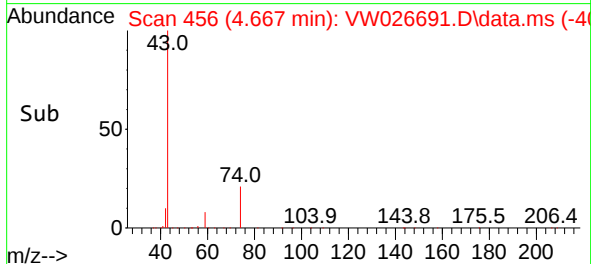
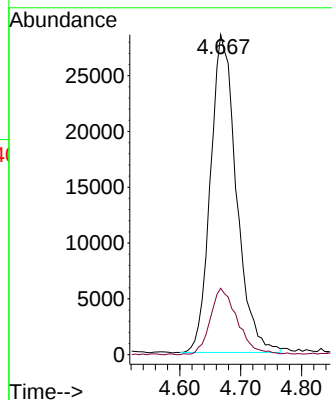
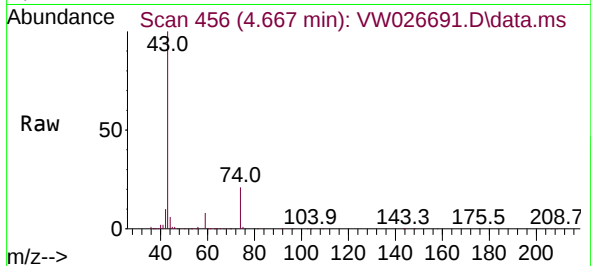




#15
Methyl Acetate
Concen: 13.789 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

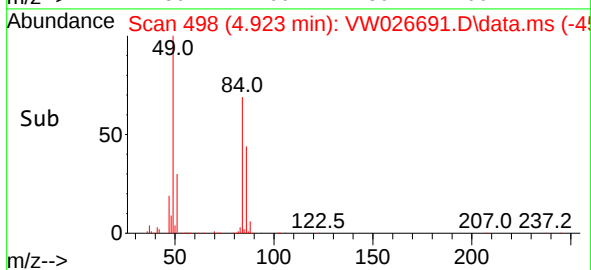
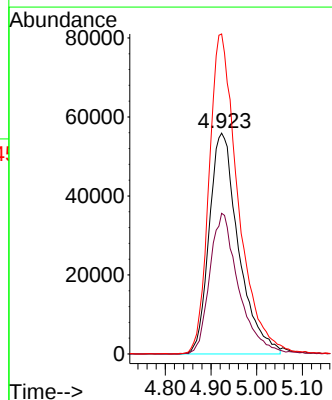
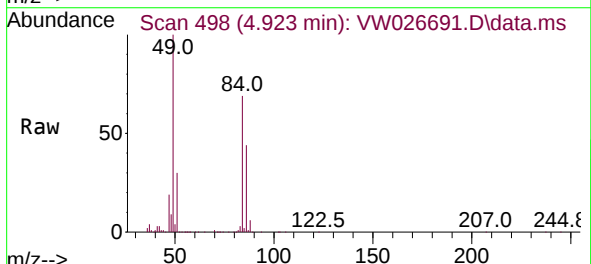
Instrument :
MSVOA_W
ClientSampleId :
A48K2MSD

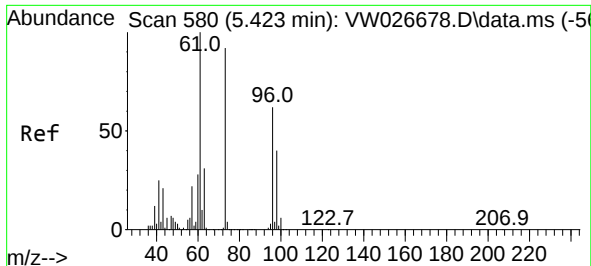
Tgt Ion: 43 Resp: 84344
Ion Ratio Lower Upper
43 100
74 21.5 16.4 24.6



#16
Methylene chloride
Concen: 19.829 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.006 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Tgt Ion: 84 Resp: 249318
Ion Ratio Lower Upper
84 100
86 63.7 43.5 80.9
49 145.0 96.0 178.2





#17

trans-1,2-Dichloroethene

Concen: 22.219 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

Instrument :

MSVOA_W

ClientSampleId :

A48K2MSD

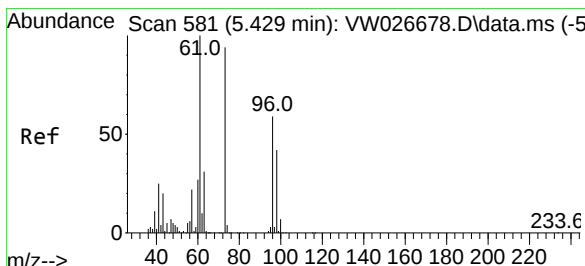
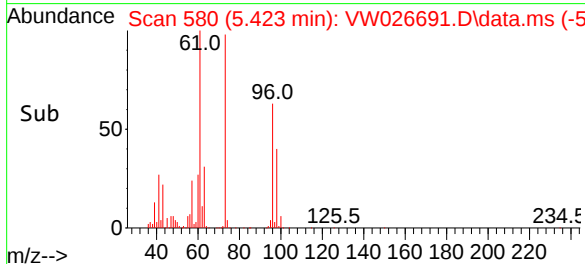
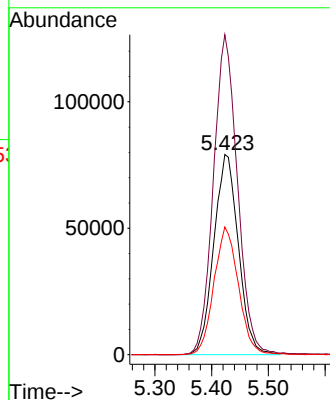
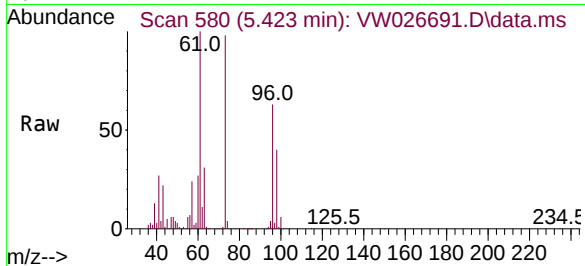
Tgt Ion: 96 Resp: 238202

Ion Ratio Lower Upper

96 100

61 159.8 109.4 203.2

98 63.8 43.6 81.0



#18

Methyl tert-butyl Ether

Concen: 26.302 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

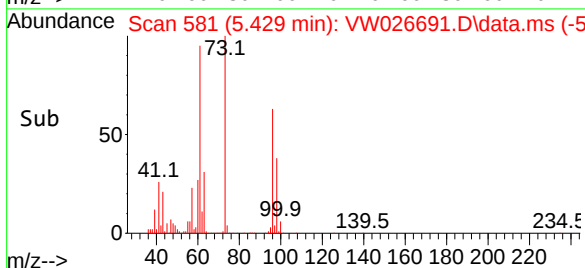
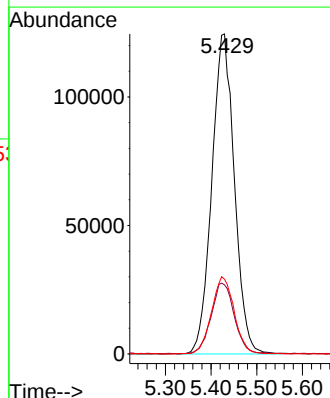
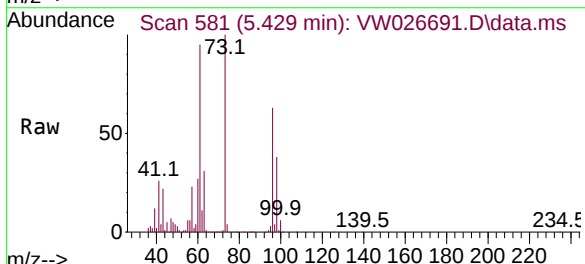
Tgt Ion: 73 Resp: 426655

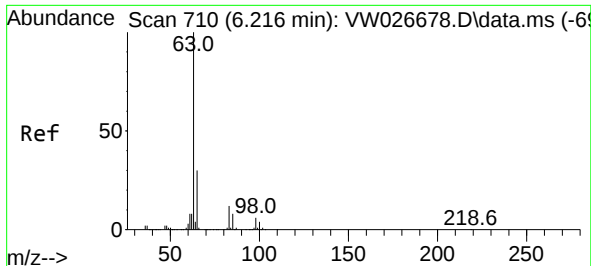
Ion Ratio Lower Upper

73 100

43 22.5 18.0 27.0

57 24.0 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.585 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

Instrument :

MSVOA_W

ClientSampleId :

A48K2MSD

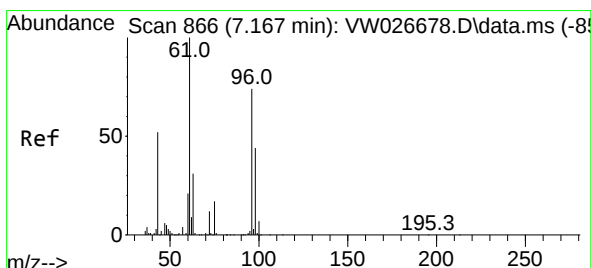
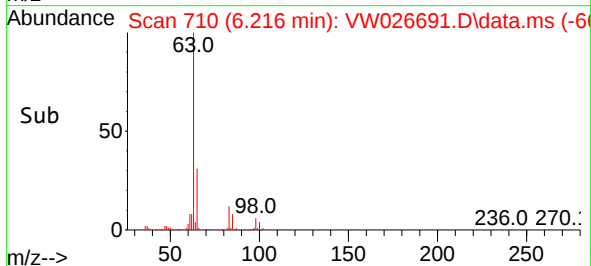
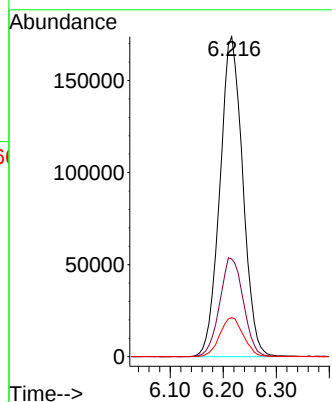
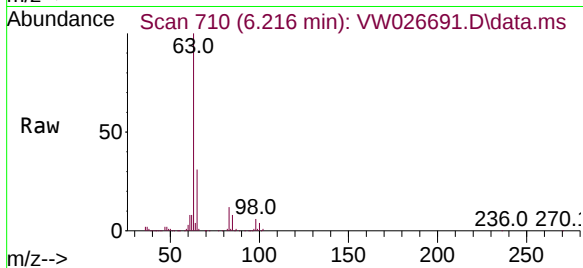
Tgt Ion: 63 Resp: 520398

Ion Ratio Lower Upper

63 100

65 30.5 21.8 40.6

83 12.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 22.729 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

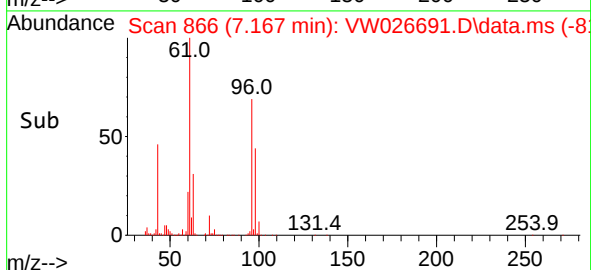
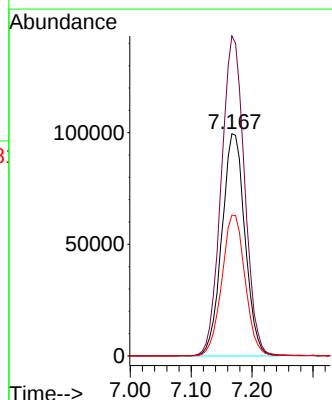
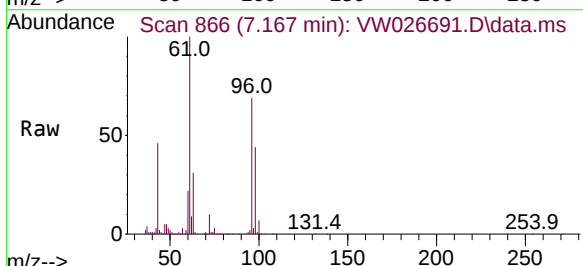
Tgt Ion: 96 Resp: 261911

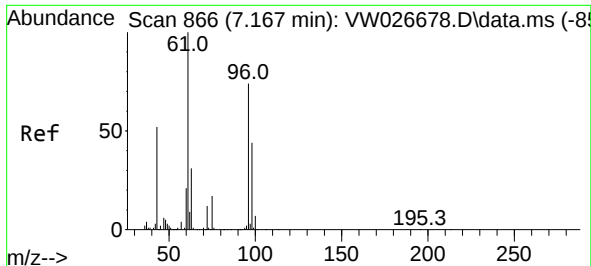
Ion Ratio Lower Upper

96 100

61 144.0 101.2 188.0

98 63.3 43.8 81.3

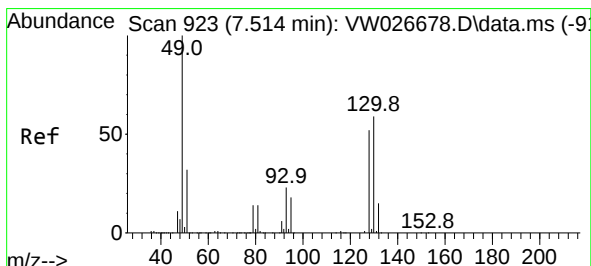
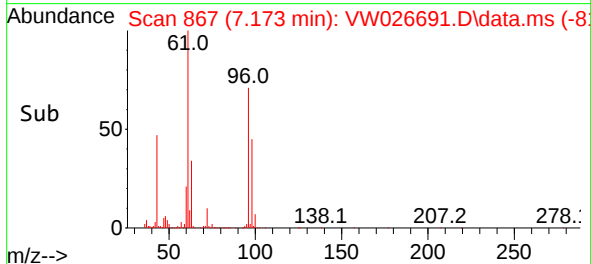
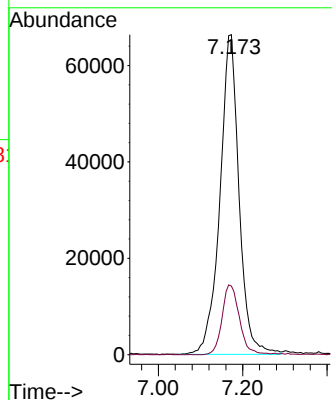
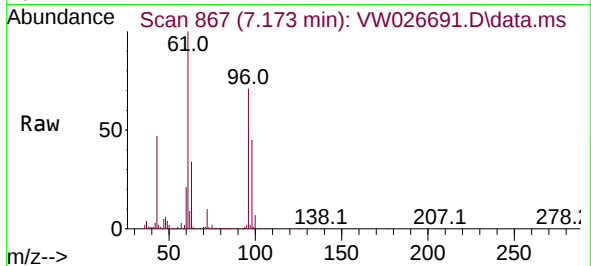




#22
2-Butanone
Concen: 46.321 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

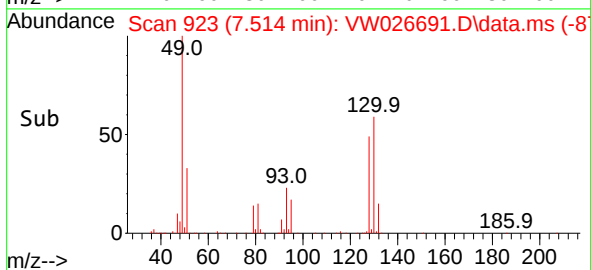
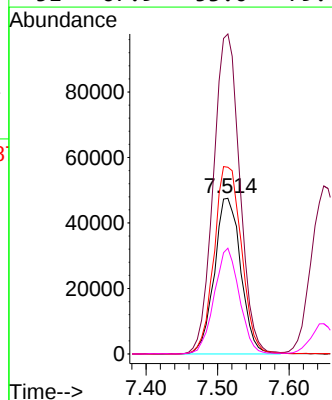
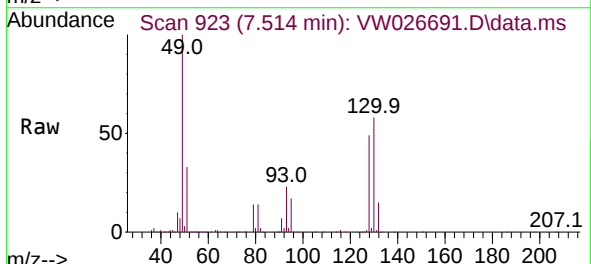
Instrument :
MSVOA_W
ClientSampleId :
A48K2MSD

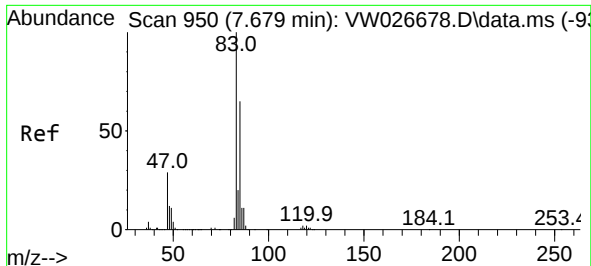
Tgt Ion: 43 Resp: 208448
Ion Ratio Lower Upper
43 100
72 19.7 11.8 35.4



#23
Bromochloromethane
Concen: 24.482 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Tgt Ion: 128 Resp: 121867
Ion Ratio Lower Upper
128 100
49 205.6 143.1 265.7
130 120.0 91.8 170.4
51 67.9 53.0 79.4

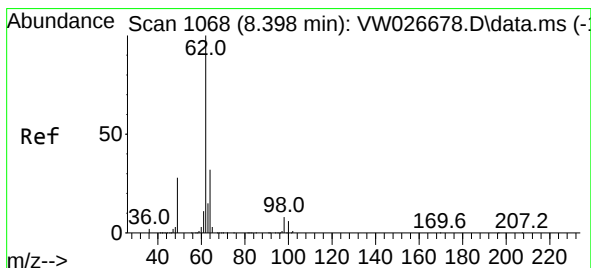
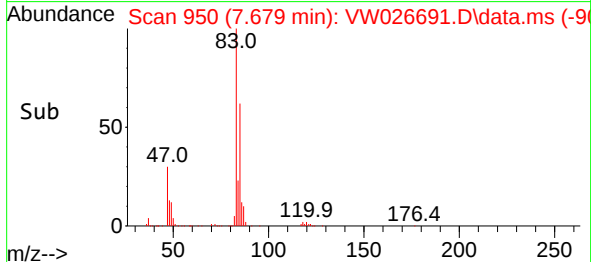
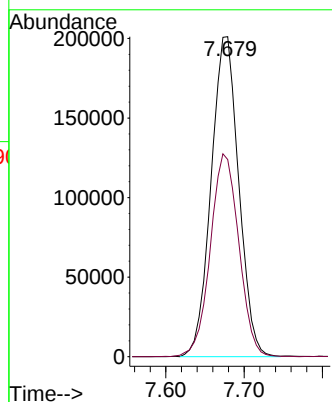
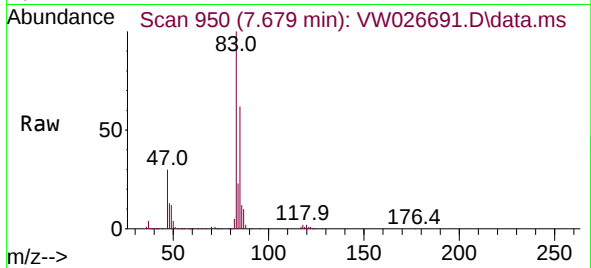




#25
Chloroform
Concen: 23.156 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

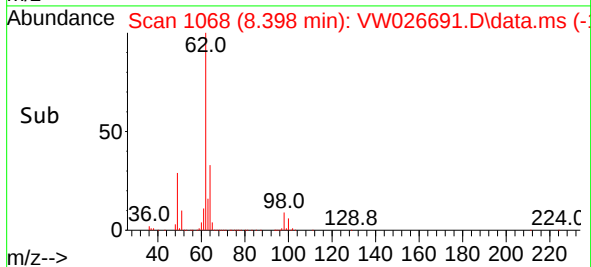
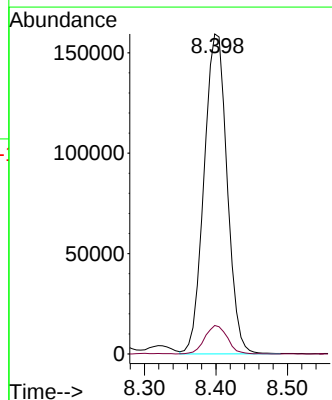
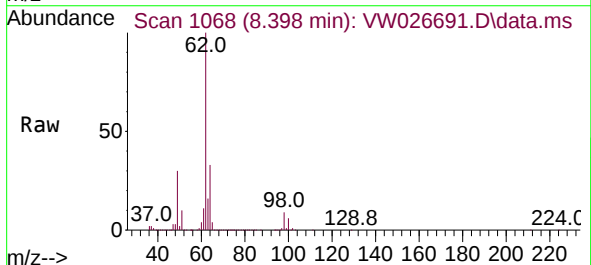
Instrument :
MSVOA_W
ClientSampleId :
A48K2MSD

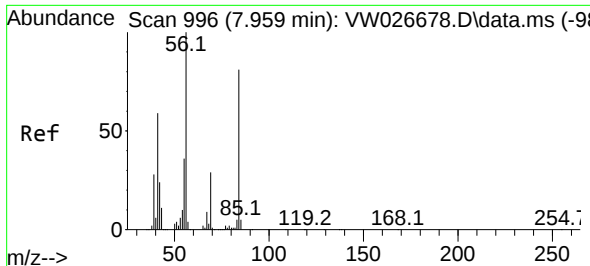
Tgt Ion: 83 Resp: 493603
Ion Ratio Lower Upper
83 100
85 61.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 24.000 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Tgt Ion: 62 Resp: 356910
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7

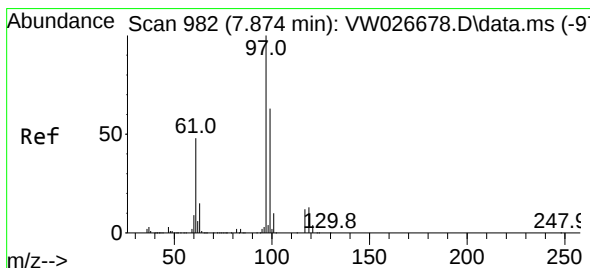
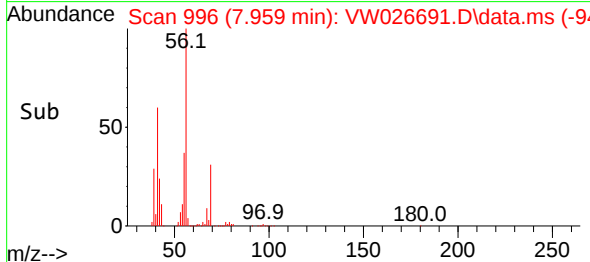
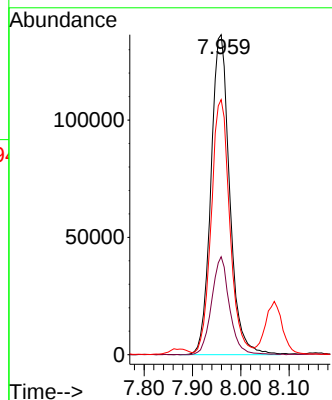
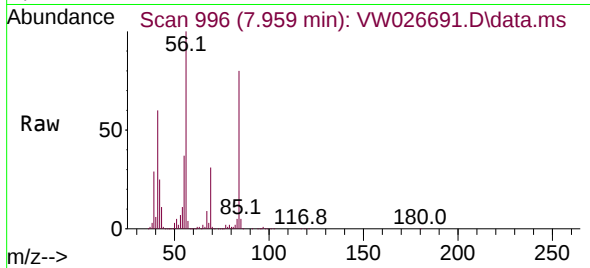




#29
Cyclohexane
Concen: 21.829 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

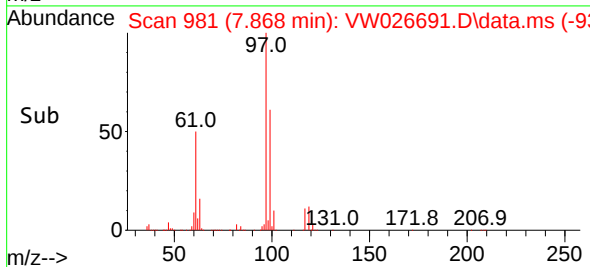
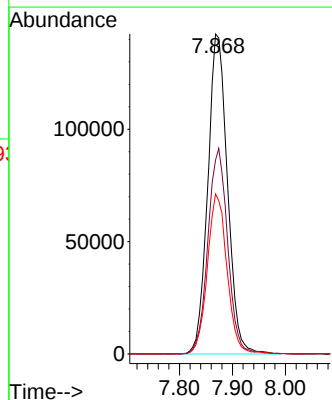
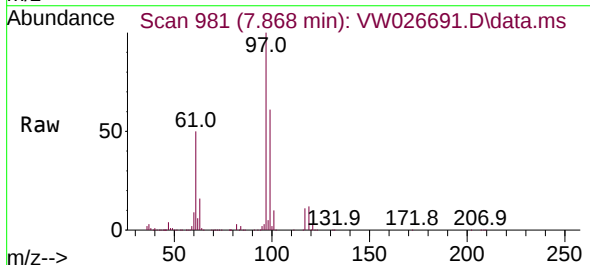
Instrument :
MSVOA_W
ClientSampleId :
A48K2MSD

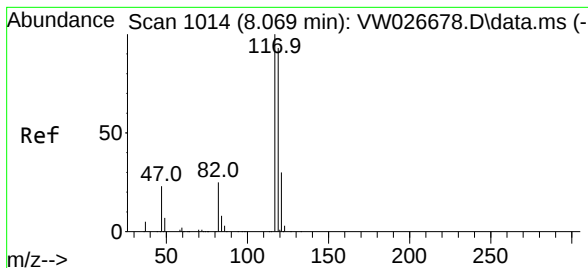
Tgt Ion: 56 Resp: 367703
Ion Ratio Lower Upper
56 100
69 29.1 23.2 34.8
84 78.5 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 25.849 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Tgt Ion: 97 Resp: 367455
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 49.4 39.2 58.8

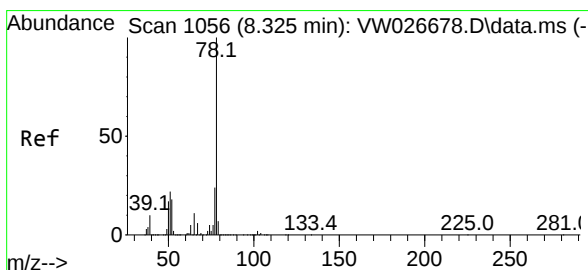
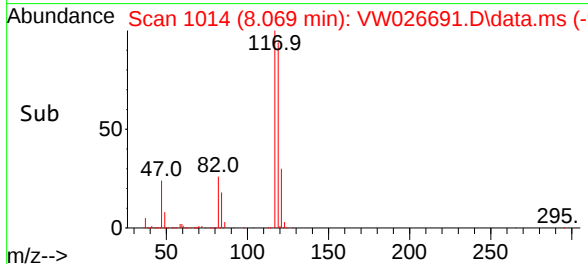
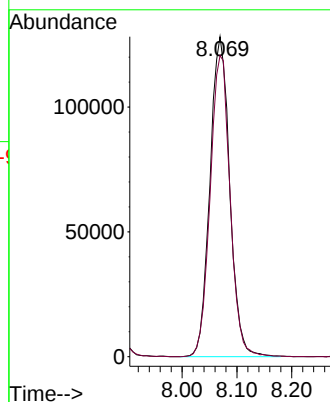
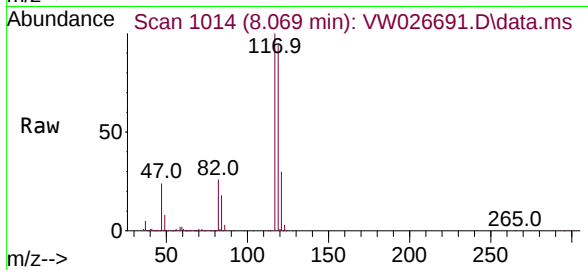




#31
Carbon tetrachloride
Concen: 24.694 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

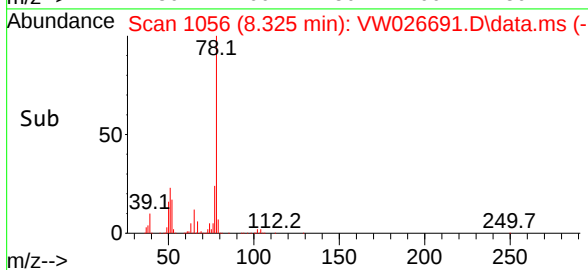
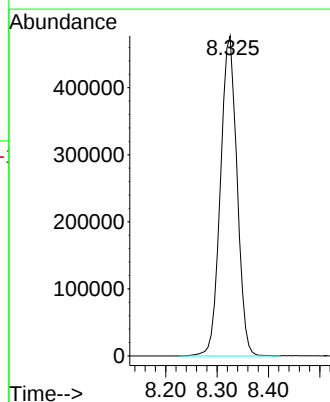
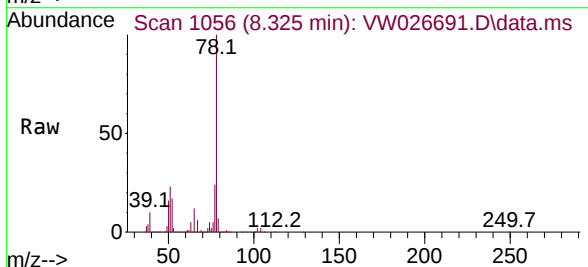
Instrument :
MSVOA_W
ClientSampleId :
A48K2MSD

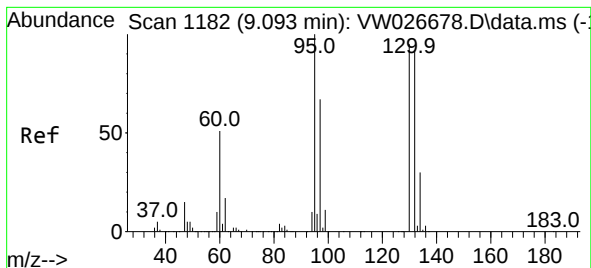
Tgt Ion:117 Resp: 320961
Ion Ratio Lower Upper
117 100
119 94.7 73.0 109.4



#33
Benzene
Concen: 26.920 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Tgt Ion: 78 Resp: 1067817





#34

Trichloroethene

Concen: 24.742 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

Instrument :

MSVOA_W

ClientSampleId :

A48K2MSD

Tgt Ion: 95 Resp: 249952

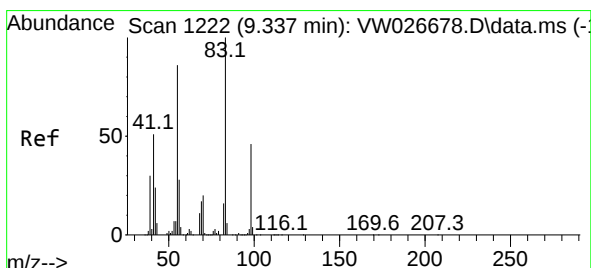
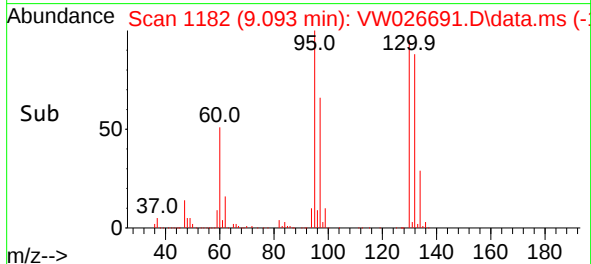
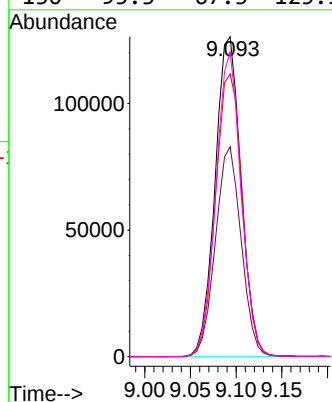
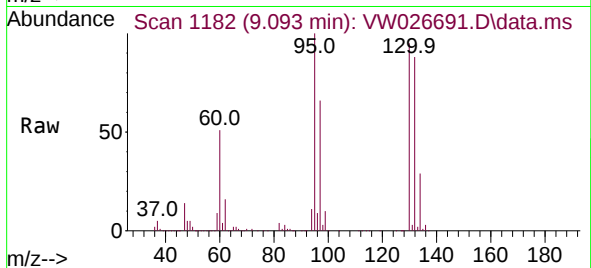
Ion Ratio Lower Upper

95 100

97 65.6 44.6 82.8

132 88.4 66.4 123.2

130 95.3 67.3 125.1



#35

Methylcyclohexane

Concen: 15.257 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

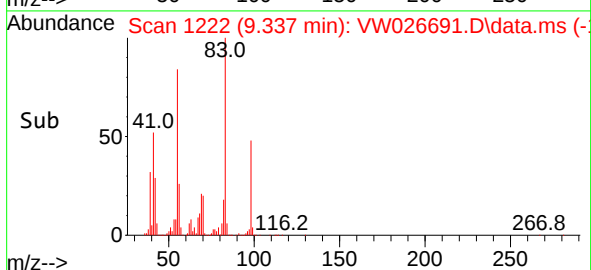
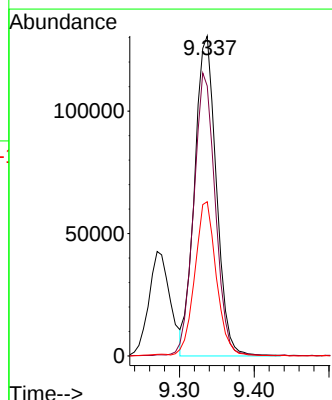
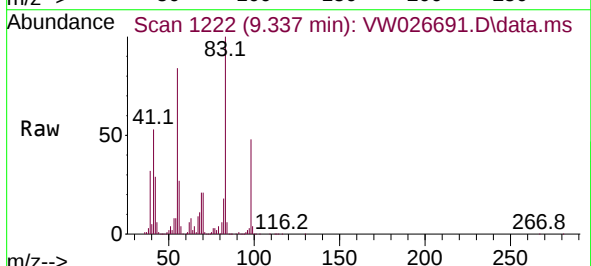
Tgt Ion: 83 Resp: 263689

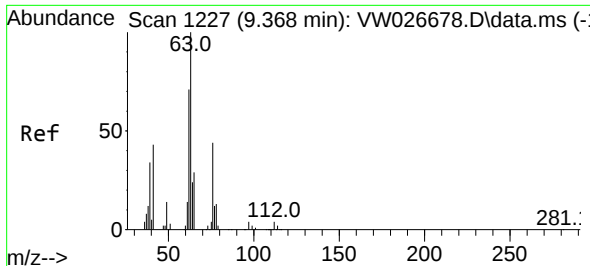
Ion Ratio Lower Upper

83 100

55 87.4 69.3 103.9

98 48.0 37.4 56.0





#37

1,2-Dichloropropane

Concen: 27.256 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

Instrument :

MSVOA_W

ClientSampleId :

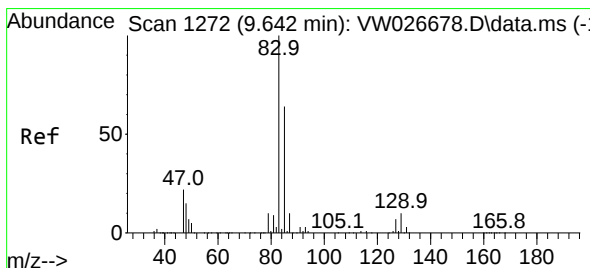
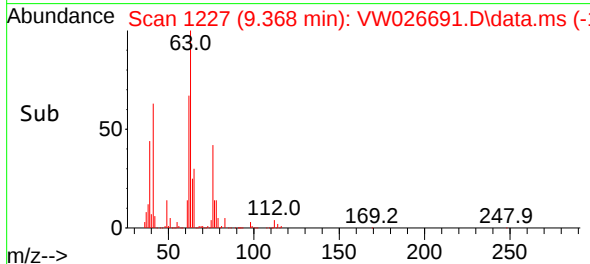
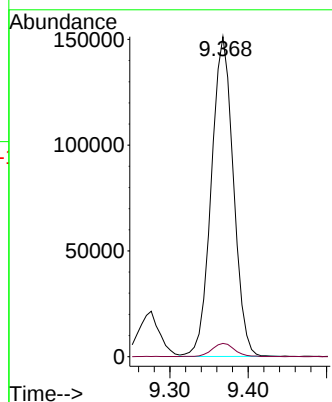
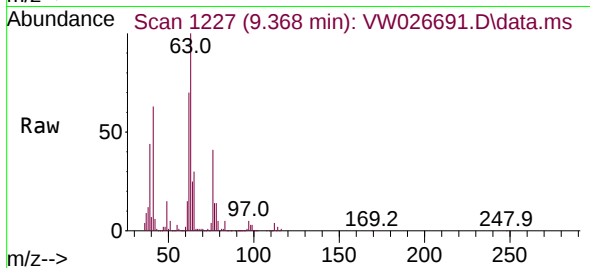
A48K2MSD

Tgt Ion: 63 Resp: 296127

Ion Ratio Lower Upper

63 100

112 4.2 3.1 4.7



#38

Bromodichloromethane

Concen: 25.688 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

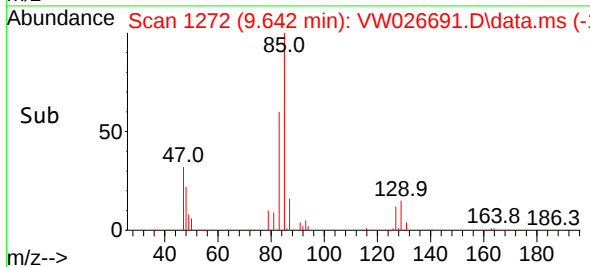
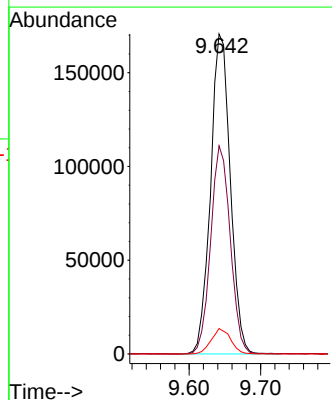
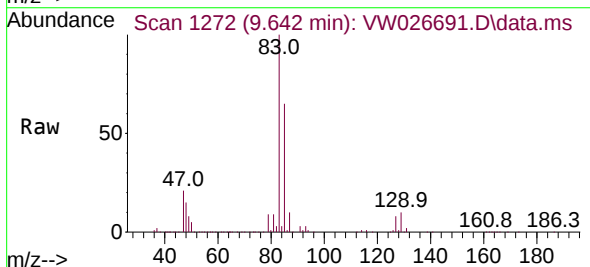
Tgt Ion: 83 Resp: 327407

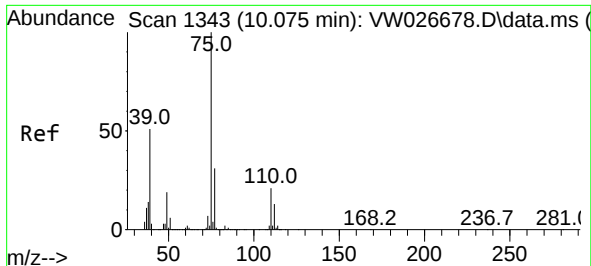
Ion Ratio Lower Upper

83 100

85 65.0 45.4 84.2

127 7.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 16.902 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

Instrument :

MSVOA_W

ClientSampleId :

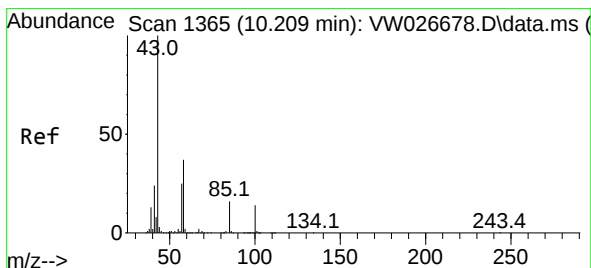
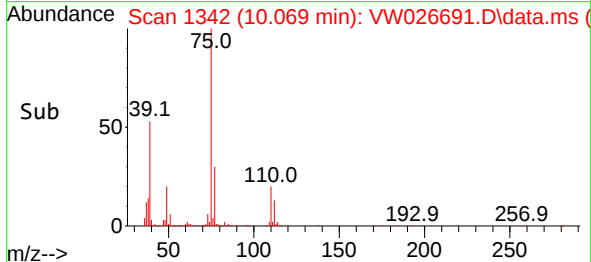
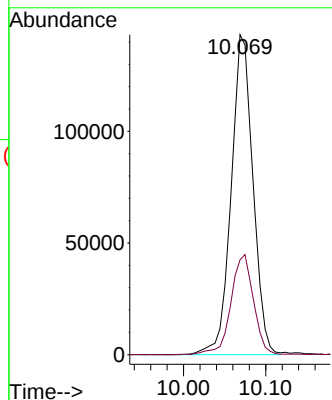
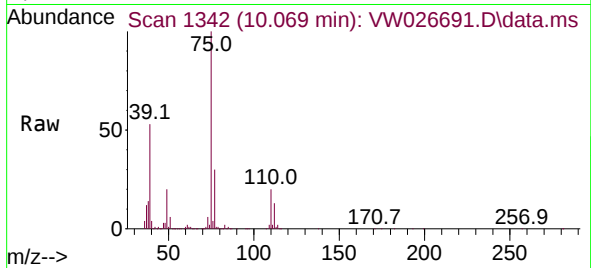
A48K2MSD

Tgt Ion: 75 Resp: 264180

Ion Ratio Lower Upper

75 100

77 29.7 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 52.914 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

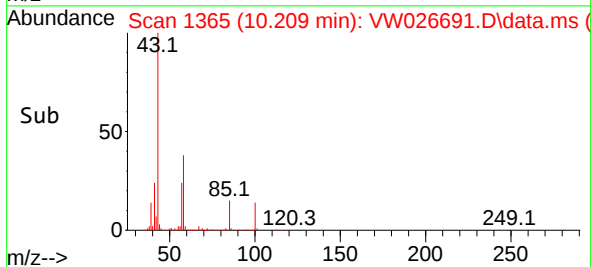
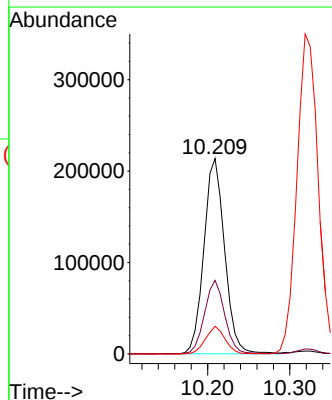
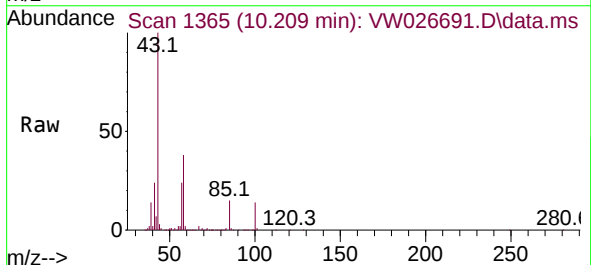
Tgt Ion: 43 Resp: 373954

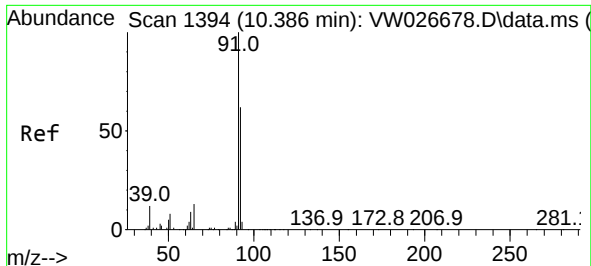
Ion Ratio Lower Upper

43 100

58 37.0 29.2 43.8

100 13.4 10.7 16.1

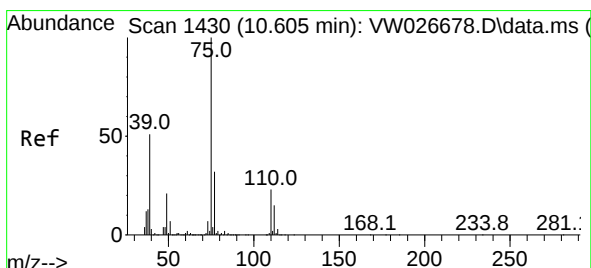
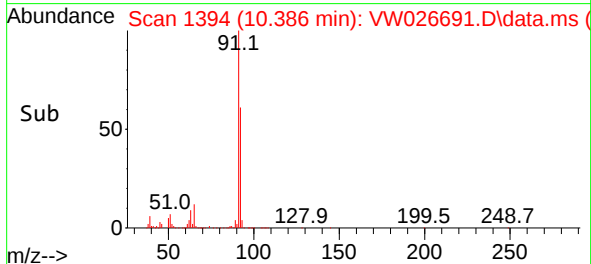
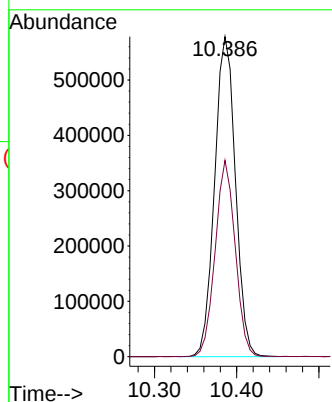
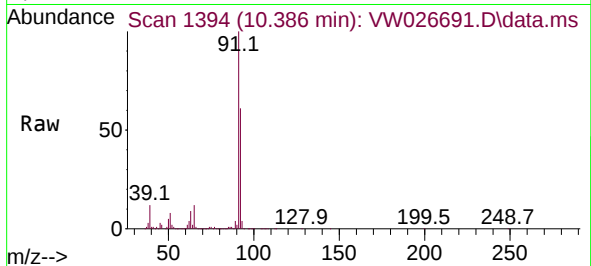




#42
Toluene
Concen: 25.355 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

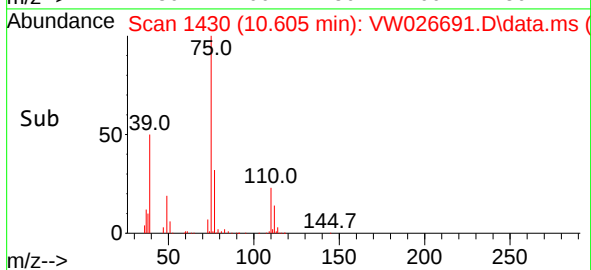
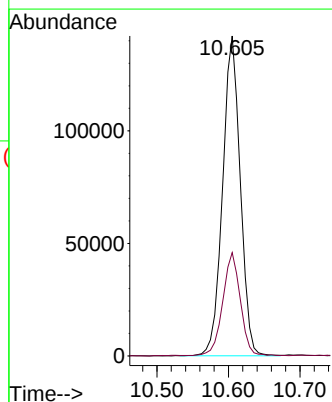
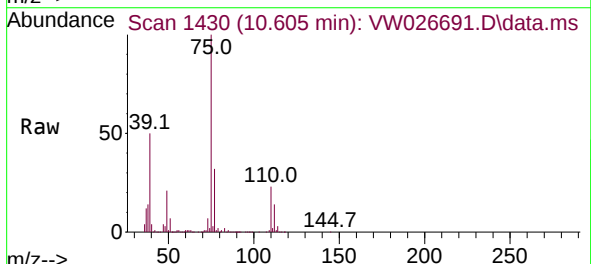
Instrument :
MSVOA_W
ClientSampleId :
A48K2MSD

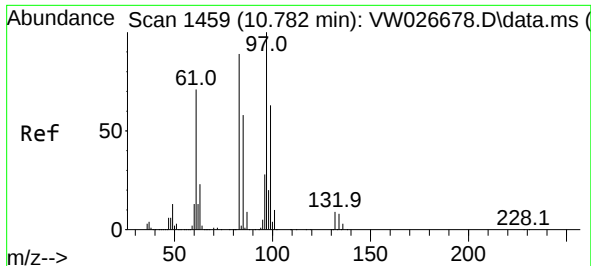
Tgt Ion: 91 Resp: 1017406
Ion Ratio Lower Upper
91 100
92 61.4 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 18.104 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Tgt Ion: 75 Resp: 243563
Ion Ratio Lower Upper
75 100
77 32.3 21.2 39.4

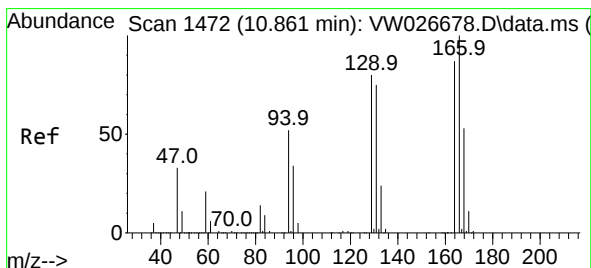
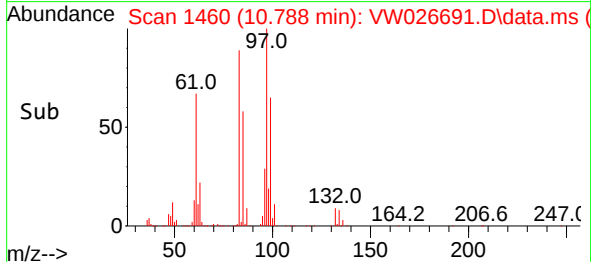
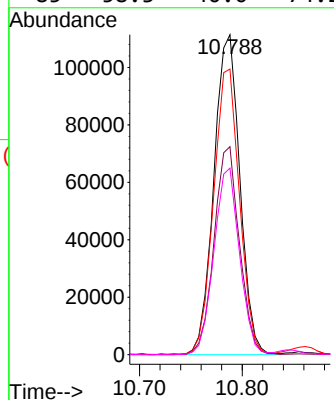
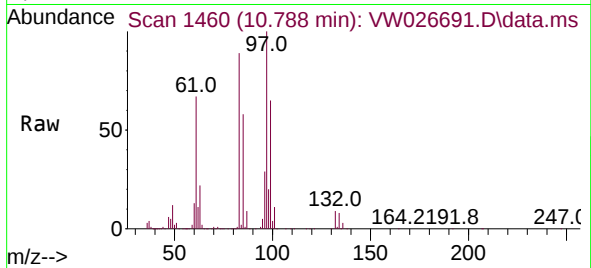




#45
1,1,2-Trichloroethane
Concen: 26.326 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

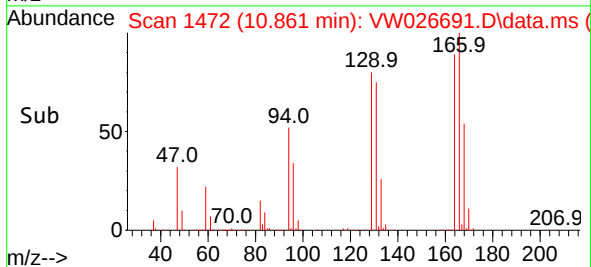
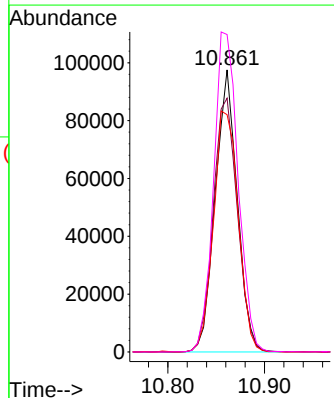
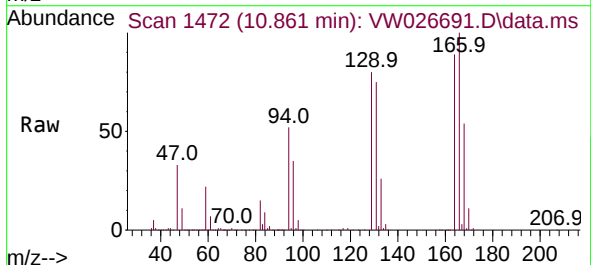
Instrument :
MSVOA_W
ClientSampleId :
A48K2MSD

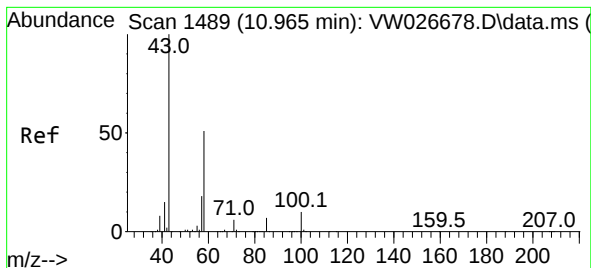
Tgt Ion:	97	Resp:	195614
Ion	Ratio	Lower	Upper
97	100		
99	65.0	44.2	82.0
83	89.3	61.9	114.9
85	58.3	40.0	74.2



#46
Tetrachloroethene
Concen: 21.066 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Tgt Ion:	164	Resp:	154612
Ion	Ratio	Lower	Upper
164	100		
129	90.0	68.1	126.5
131	84.1	65.5	121.7
166	112.6	89.1	165.5





#48

2-Hexanone

Concen: 45.701 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

Instrument :

MSVOA_W

ClientSampleId :

A48K2MSD

Tgt Ion: 43 Resp: 219772

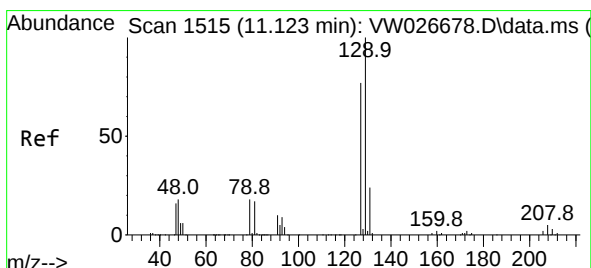
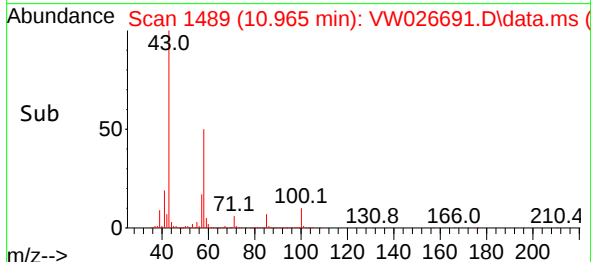
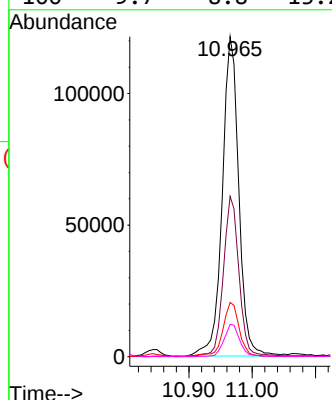
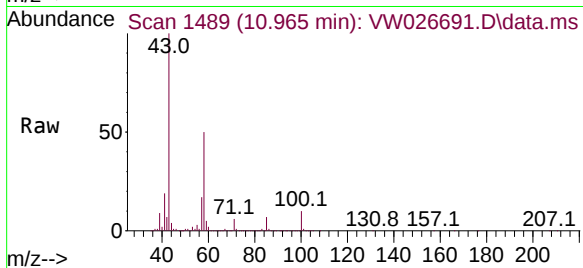
Ion Ratio Lower Upper

43 100

58 47.8 41.1 61.7

57 16.2 14.3 21.5

100 9.7 8.8 13.2



#49

Dibromochloromethane

Concen: 24.527 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW026691.D

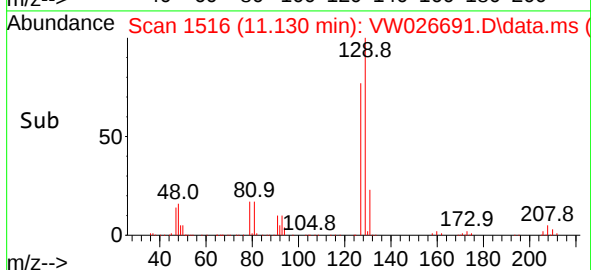
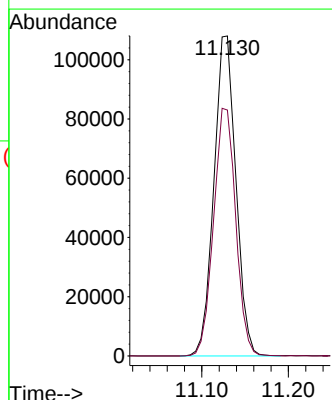
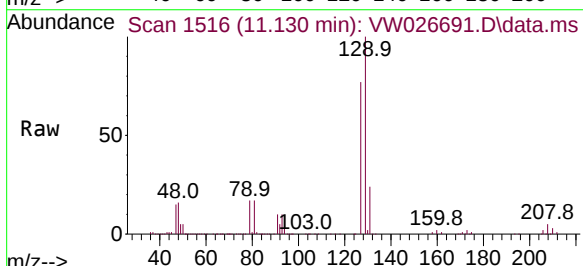
Acq: 10 Aug 2023 20:56

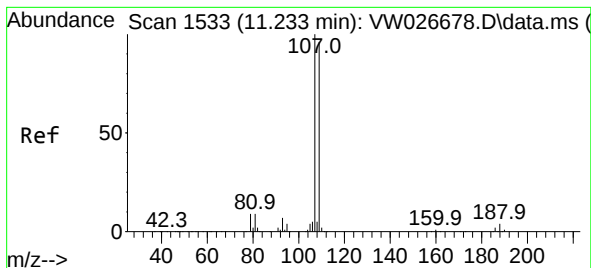
Tgt Ion:129 Resp: 190615

Ion Ratio Lower Upper

129 100

127 76.9 56.6 105.2

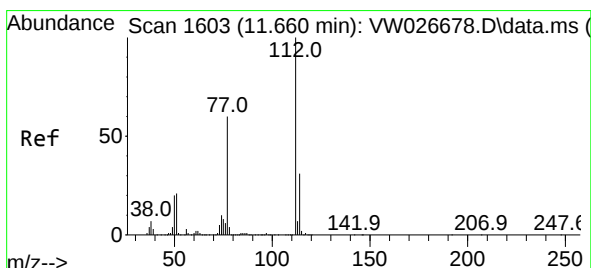
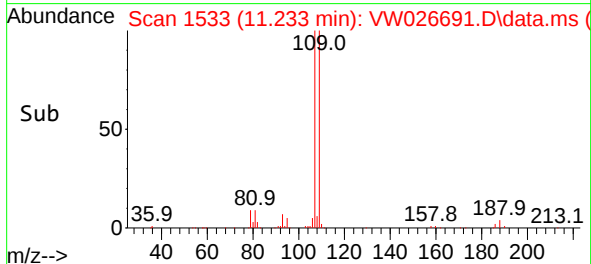
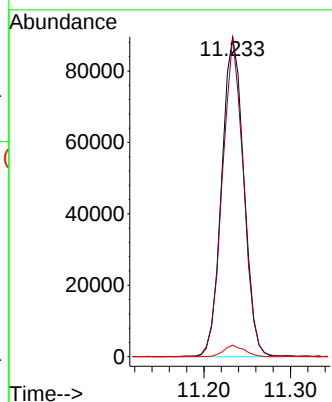
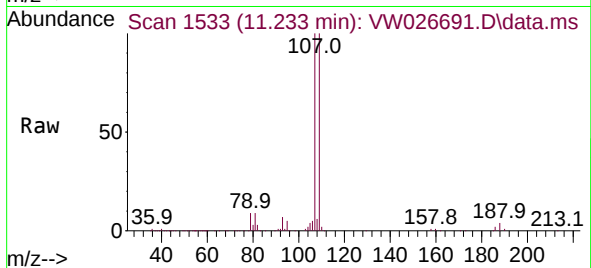




#50
1,2-Dibromoethane
Concen: 22.736 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

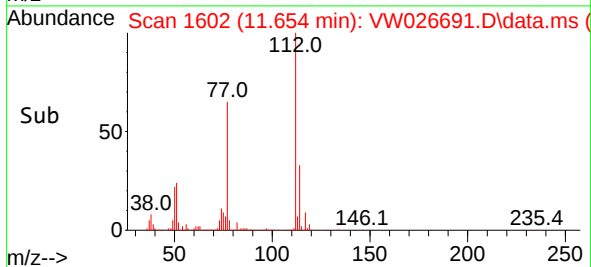
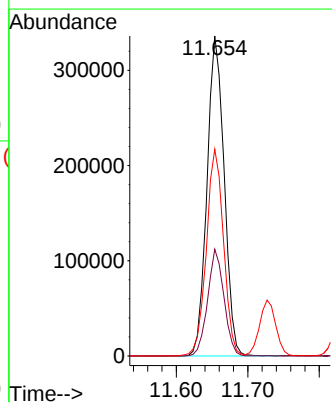
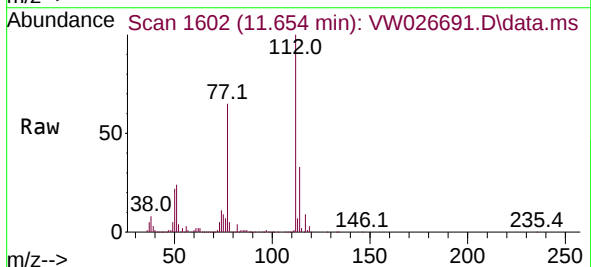
Instrument :
MSVOA_W
ClientSampleId :
A48K2MSD

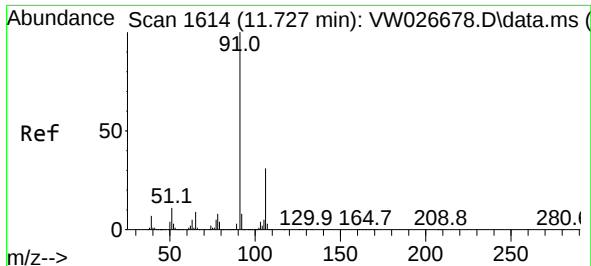
Tgt Ion:107 Resp: 158521
Ion Ratio Lower Upper
107 100
109 100.2 68.8 127.8
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 22.114 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Tgt Ion:112 Resp: 560495
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 64.6 50.2 75.2

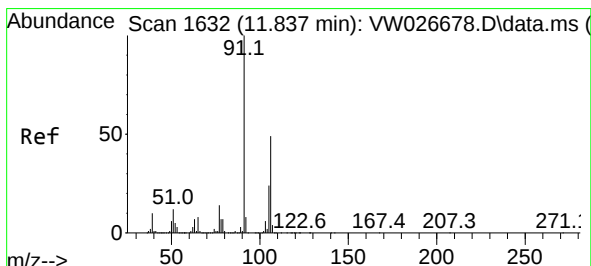
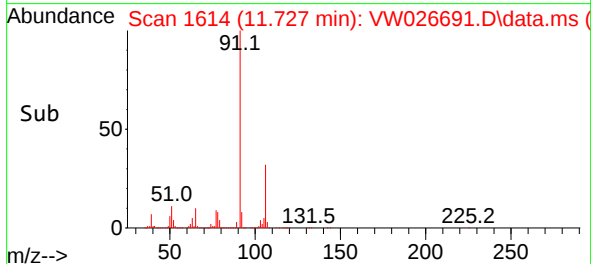
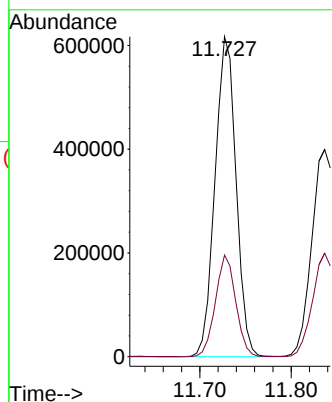
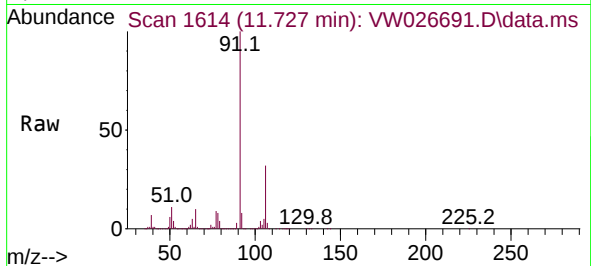




#52
Ethylbenzene
Concen: 21.973 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

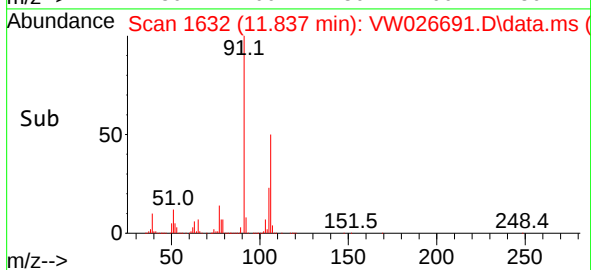
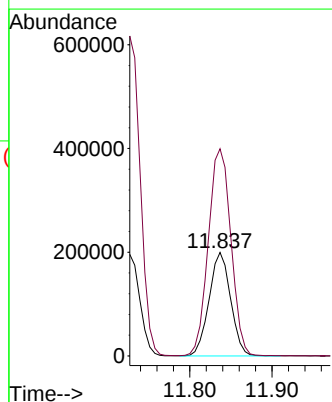
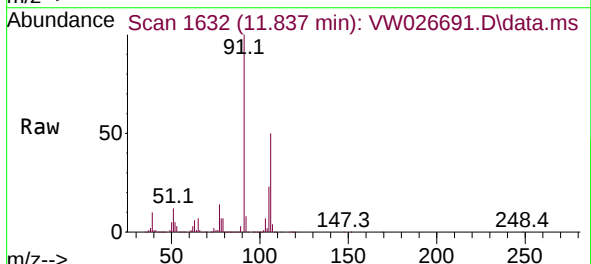
Instrument :
MSVOA_W
ClientSampleId :
A48K2MSD

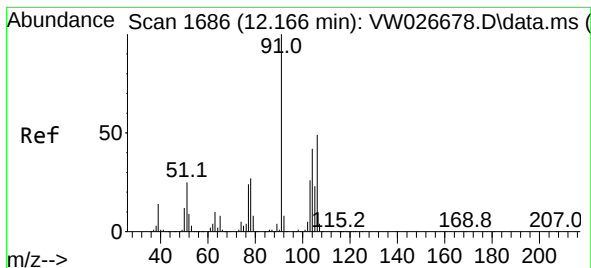
Tgt Ion: 91 Resp: 988719
Ion Ratio Lower Upper
91 100
106 31.7 20.2 37.6



#53
m,p-Xylene
Concen: 21.830 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Tgt Ion: 106 Resp: 363910
Ion Ratio Lower Upper
106 100
91 200.3 152.9 284.1

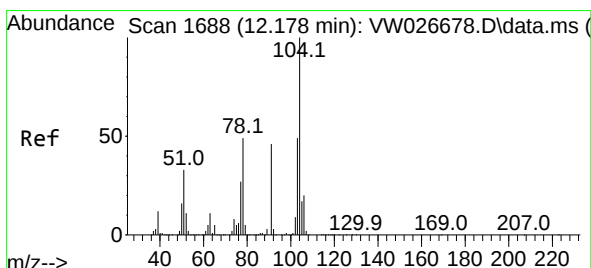
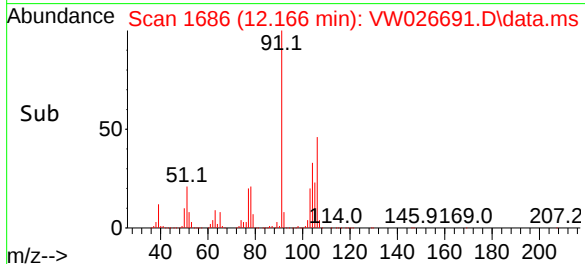
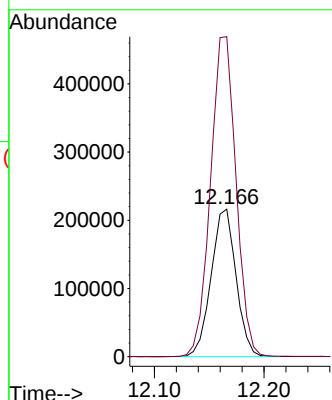
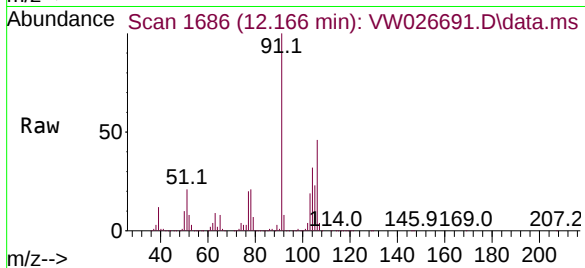




#54
o-Xylene
Concen: 21.966 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

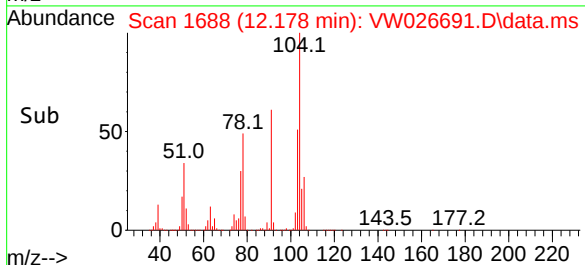
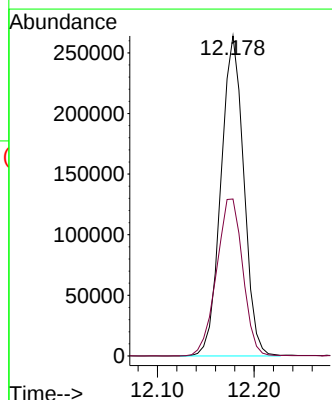
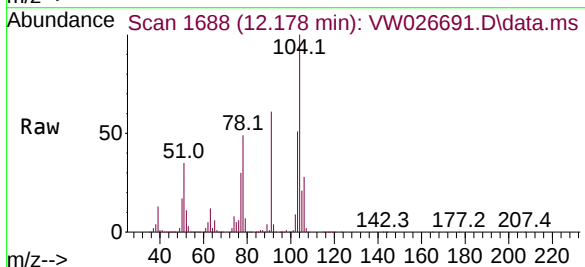
Instrument :
MSVOA_W
ClientSampleId :
A48K2MSD

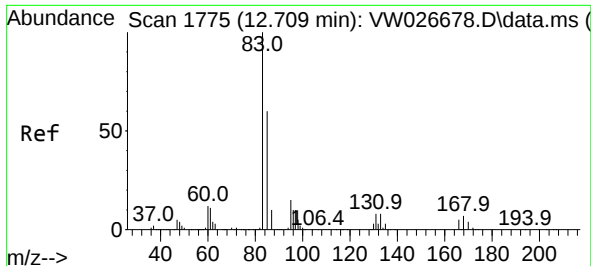
Tgt Ion:106 Resp: 341748
Ion Ratio Lower Upper
106 100
91 216.9 149.9 278.3



#55
Styrene
Concen: 15.980 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Tgt Ion:104 Resp: 432275
Ion Ratio Lower Upper
104 100
78 49.1 33.0 61.2





#57

1,1,2-Tetrachloroethane

Concen: 22.245 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

Instrument :

MSVOA_W

ClientSampleId :

A48K2MSD

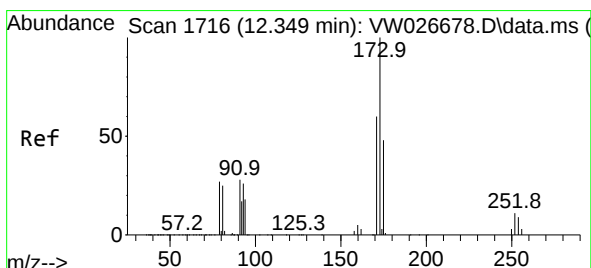
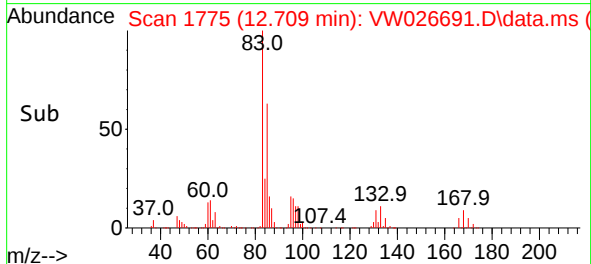
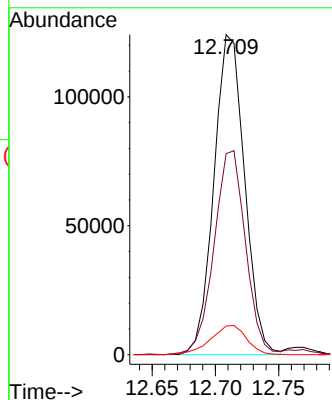
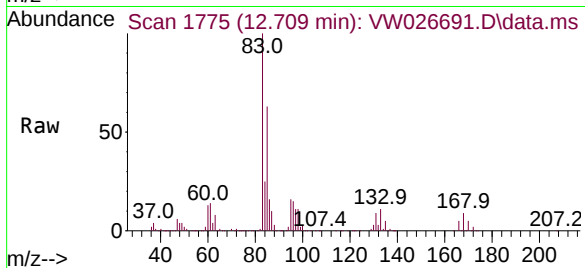
Tgt Ion: 83 Resp: 209337

Ion Ratio Lower Upper

83 100

85 62.8 44.9 83.3

131 9.0 7.4 11.0



#59

Bromoform

Concen: 32.506 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

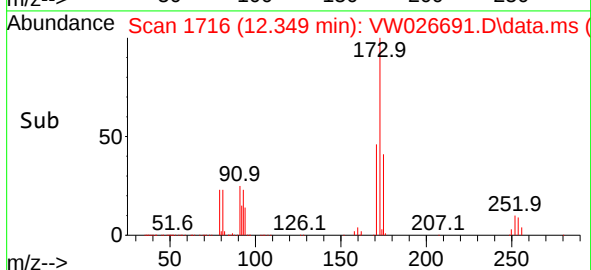
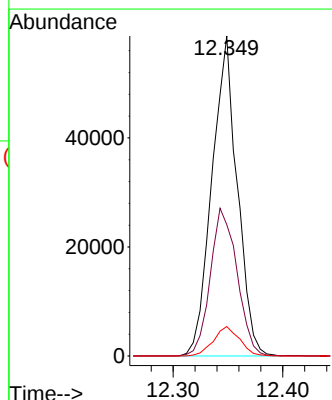
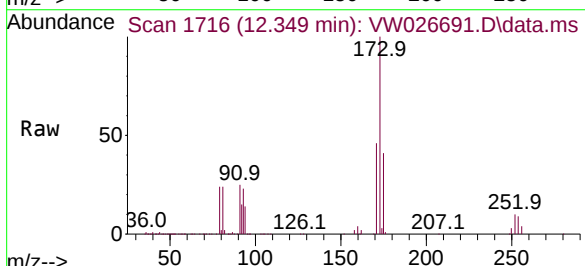
Tgt Ion: 173 Resp: 94225

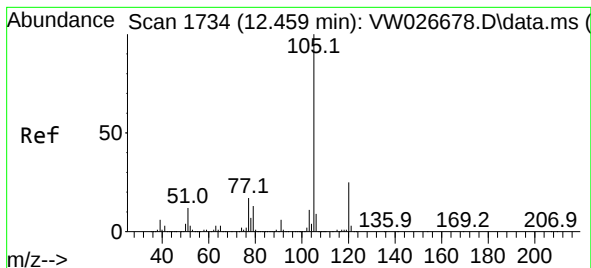
Ion Ratio Lower Upper

173 100

175 48.7 36.6 55.0

254 9.5 7.8 11.6





#60

Isopropylbenzene

Concen: 29.478 ug/L

RT: 12.459 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

Instrument :

MSVOA_W

ClientSampleId :

A48K2MSD

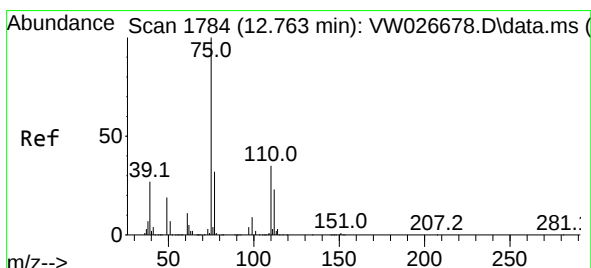
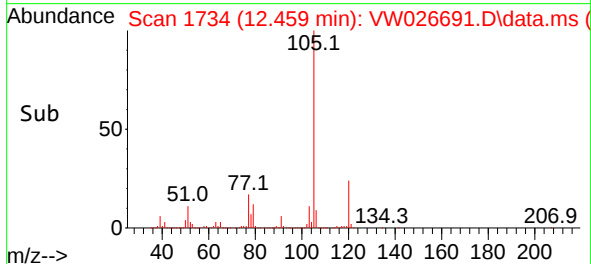
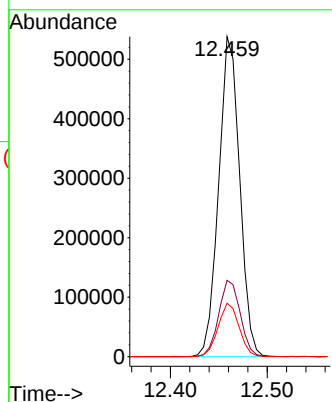
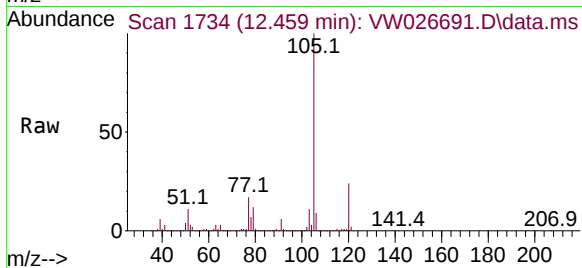
Tgt Ion:105 Resp: 810987

Ion Ratio Lower Upper

105 100

120 24.5 21.0 31.6

77 16.7 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 38.641 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

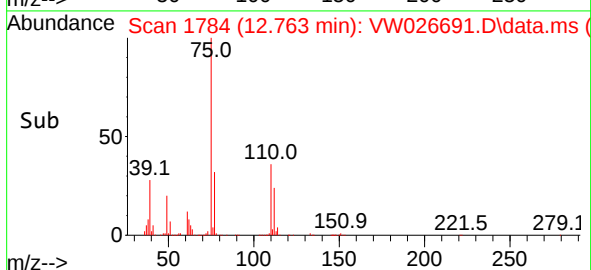
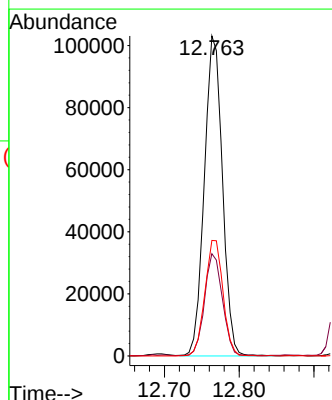
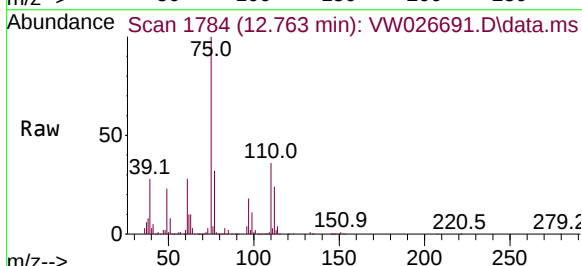
Tgt Ion: 75 Resp: 173441

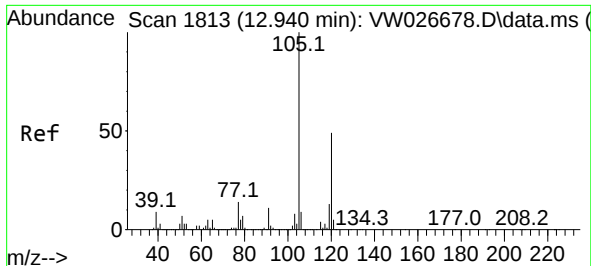
Ion Ratio Lower Upper

75 100

77 31.4 26.1 39.1

110 36.0 29.9 44.9

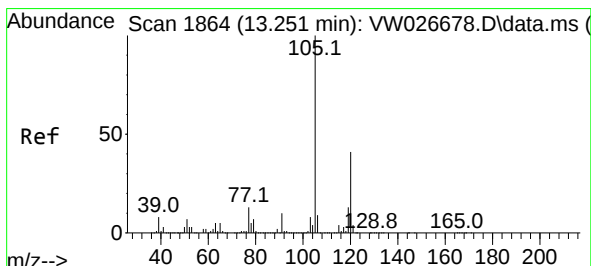
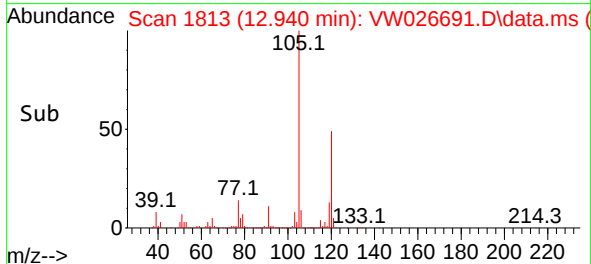
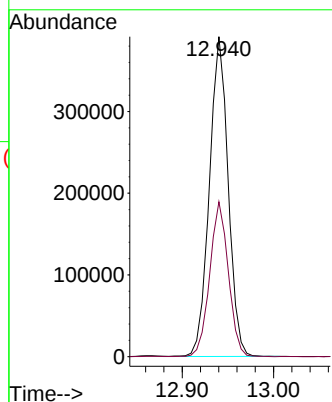
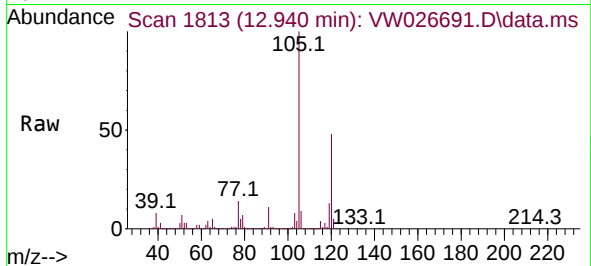




#62
1,3,5-Trimethylbenzene
Concen: 25.613 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

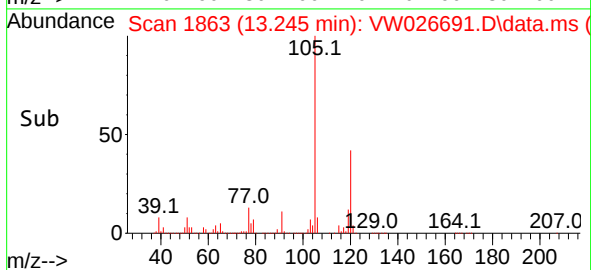
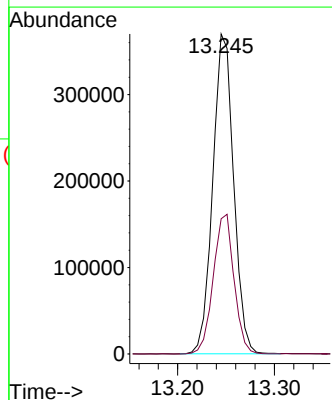
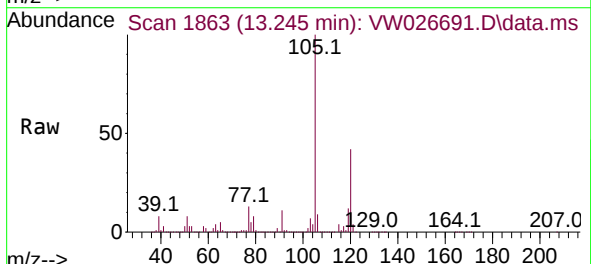
Instrument :
MSVOA_W
ClientSampleId :
A48K2MSD

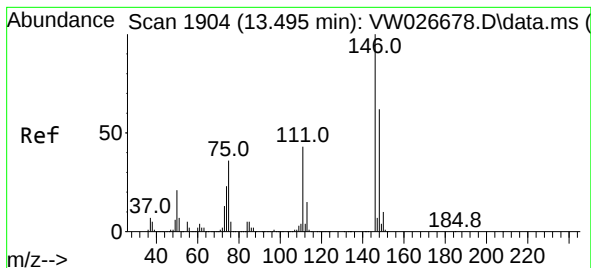
Tgt Ion:105 Resp: 556961
Ion Ratio Lower Upper
105 100
120 48.0 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 25.974 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Tgt Ion:105 Resp: 553471
Ion Ratio Lower Upper
105 100
120 43.5 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 21.562 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

Instrument :

MSVOA_W

ClientSampleId :

A48K2MSD

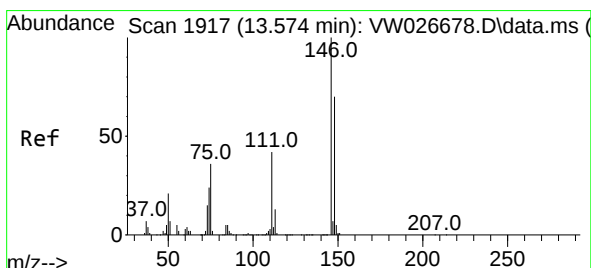
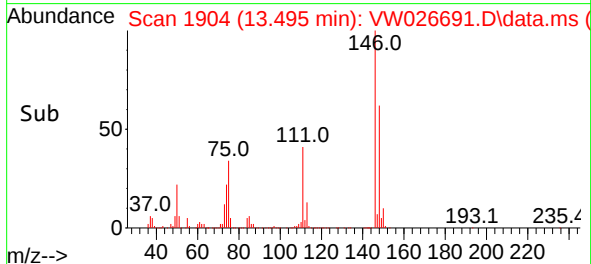
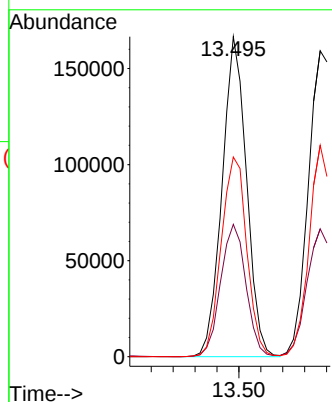
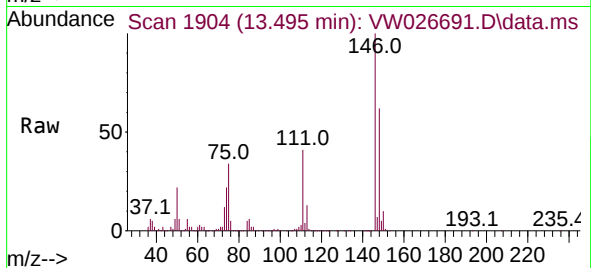
Tgt Ion:146 Resp: 257985

Ion Ratio Lower Upper

146 100

111 41.3 29.1 54.1

148 62.4 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 21.077 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

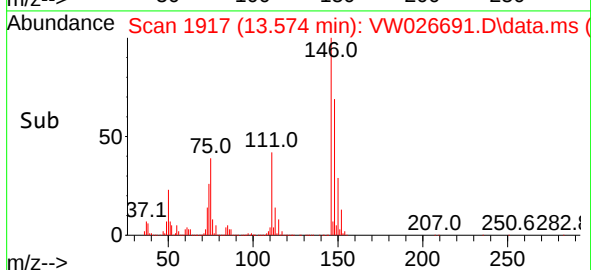
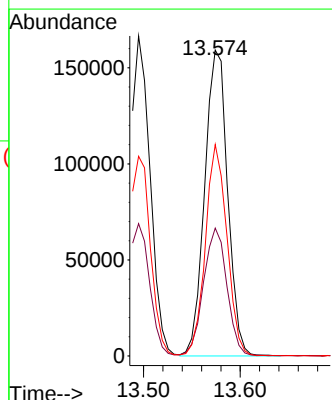
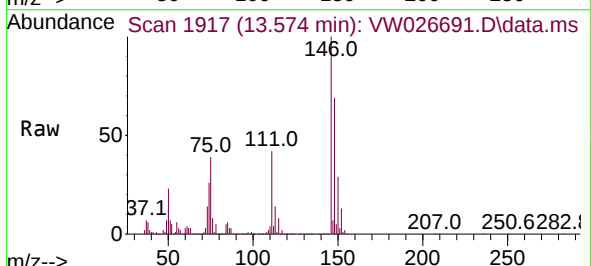
Tgt Ion:146 Resp: 263179

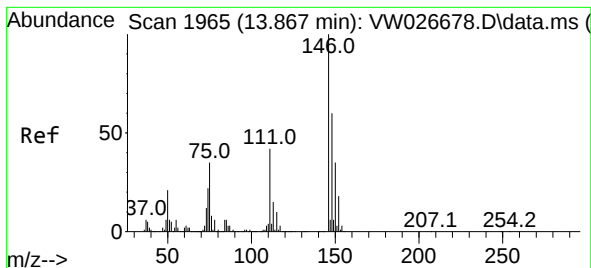
Ion Ratio Lower Upper

146 100

111 41.8 28.3 52.7

148 69.1 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 20.760 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

Instrument :

MSVOA_W

ClientSampleId :

A48K2MSD

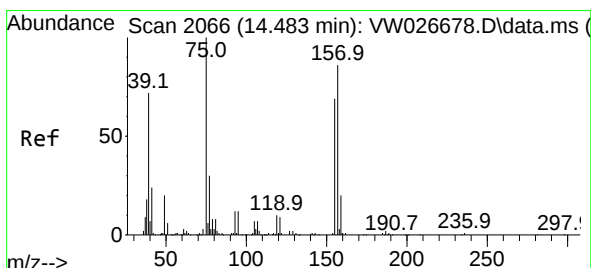
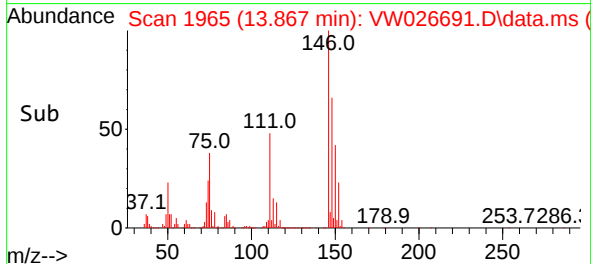
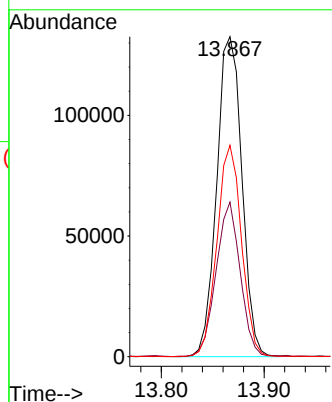
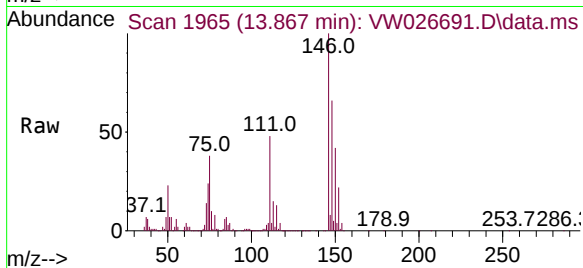
Tgt Ion:146 Resp: 225868

Ion Ratio Lower Upper

146 100

111 48.3 34.6 52.0

148 66.0 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 28.977 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026691.D

Acq: 10 Aug 2023 20:56

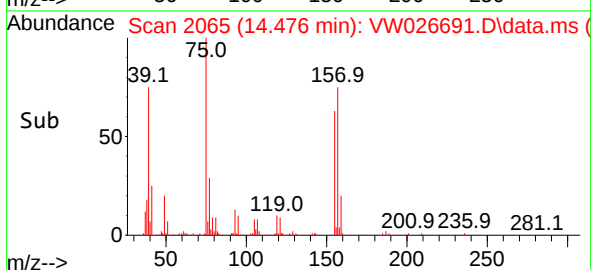
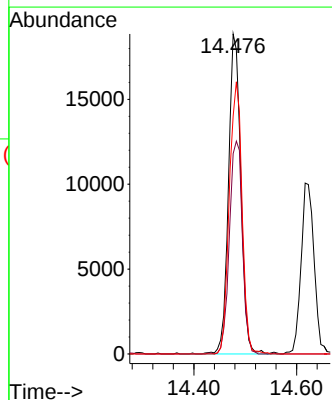
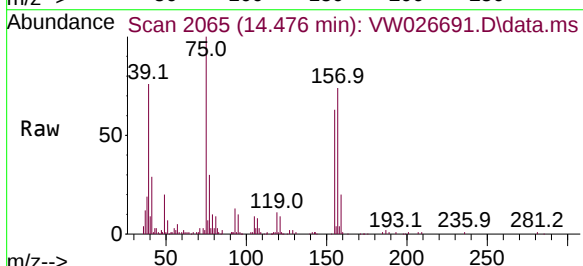
Tgt Ion: 75 Resp: 31356

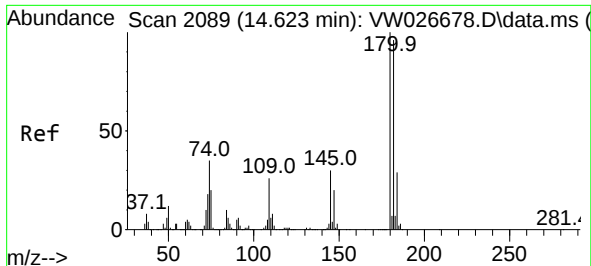
Ion Ratio Lower Upper

75 100

155 62.6 55.0 82.6

157 74.4 77.8 116.6#

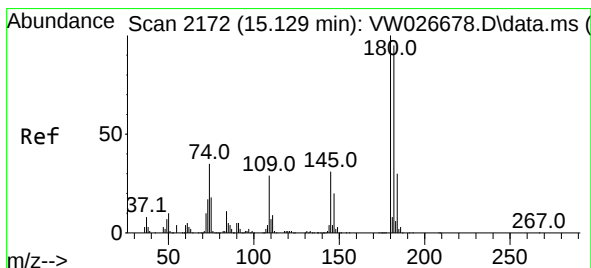
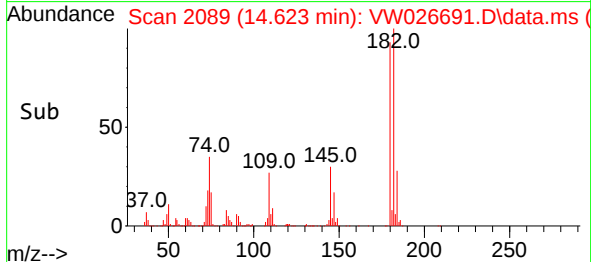
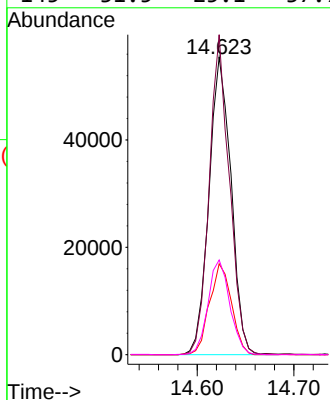
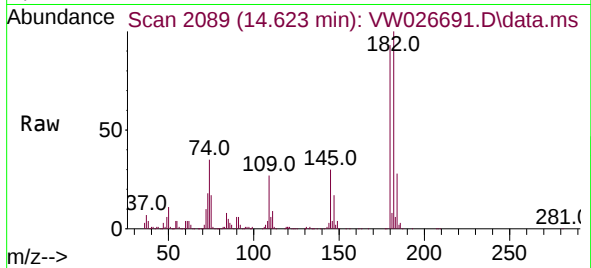




#69
 1,3,5-Trichlorobenzene
 Concen: 10.875 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW026691.D
 Acq: 10 Aug 2023 20:56

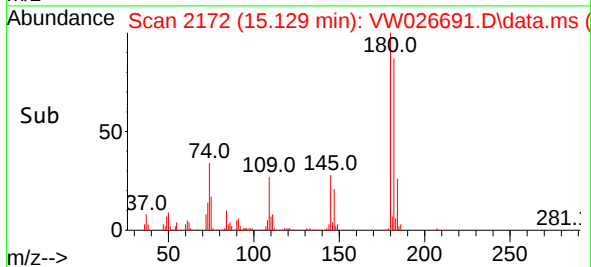
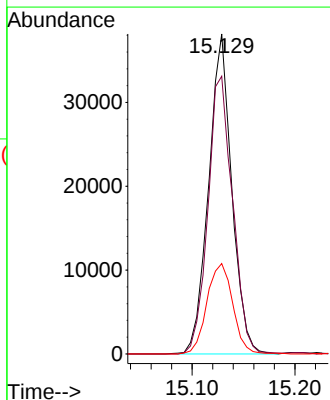
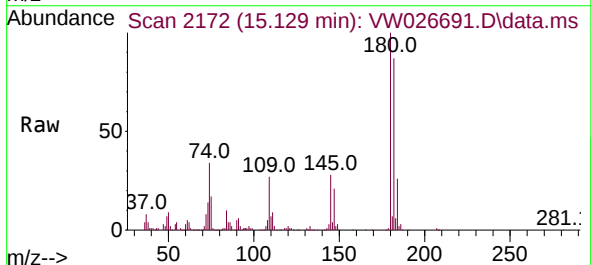
Instrument :
 MSVOA_W
 ClientSampleId :
 A48K2MSD

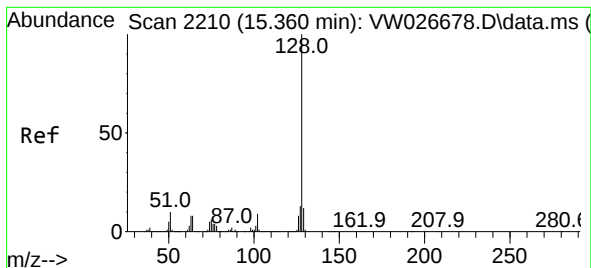
Tgt Ion:	180	Resp:	87903
Ion Ratio	Lower	Upper	
180	100		
182	98.2	75.2	112.8
184	30.5	23.8	35.8
145	31.5	25.1	37.7



#70
 1,2,4-trichlorobenzene
 Concen: 8.701 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW026691.D
 Acq: 10 Aug 2023 20:56

Tgt Ion:	180	Resp:	59629
Ion Ratio	Lower	Upper	
180	100		
182	92.3	72.5	108.7
145	31.4	24.7	37.1

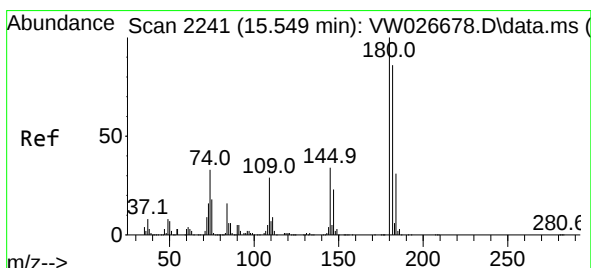
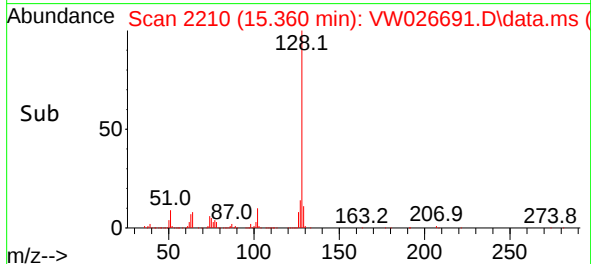
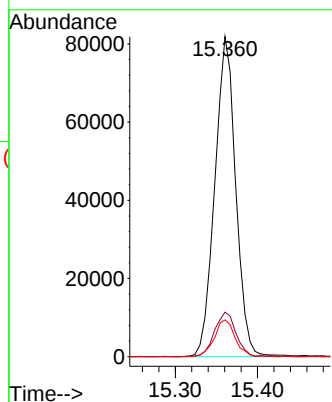
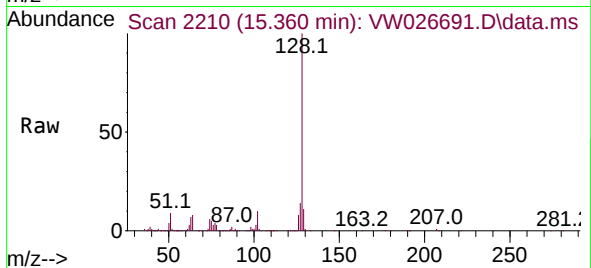




#71
Naphthalene
Concen: 11.070 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Instrument :
MSVOA_W
ClientSampleId :
A48K2MSD

Tgt Ion:128 Resp: 144723
Ion Ratio Lower Upper
128 100
127 14.2 10.7 16.1
129 11.5 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 7.128 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW026691.D
Acq: 10 Aug 2023 20:56

Tgt Ion:180 Resp: 44060
Ion Ratio Lower Upper
180 100
182 100.1 74.6 112.0
145 36.6 27.0 40.6

