

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026690.D
 Acq On : 10 Aug 2023 20:32
 Operator : SY/MD
 Sample : 03967-02MS
 Misc : 5.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A48K2MS

Quant Time: Aug 11 02:04:03 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	651262	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.629	117	525497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.556	152	163590	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.369	65	272998	25.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.000%		
7) Chloroethane-d5		2.893	69	212185	26.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.600%		
11) 1,1-Dichloroethene-d2		4.021	65	131308	24.937	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.760%		
21) 2-Butanone-d5		7.075	46	122571	39.833	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 79.660%		
24) Chloroform-d		7.648	84	589435	26.966	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.880%		
26) 1,2-Dichloroethane-d4		8.307	65	336525	27.898	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 111.600%		
32) Benzene-d6		8.270	84	1185777	32.741	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 130.960%		
36) 1,2-Dichloropropane-d6		9.276	67	371418	32.923	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 131.680%#		
41) Toluene-d8		10.318	98	960614	30.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 123.600%		
43) trans-1,3-Dichloroprop...		10.575	79	109707	23.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 94.200%		
47) 2-Hexanone-d5		10.922	63	56584	47.734	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.460%		
56) 1,1,2,2-Tetrachloroeth...		12.690	84	248025	27.840	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 111.360%		
66) 1,2-Dichlorobenzene-d4		13.848	152	151521	25.878	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.520%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		2.015	85	195927	22.127	ug/L	96
3) Chloromethane		2.228	50	263088	21.729	ug/L	96
5) Vinyl chloride		2.375	62	265081	22.902	ug/L	97
6) Bromomethane		2.783	94	103706	15.378	ug/L	99
8) Chloroethane		2.930	64	155734	22.455	ug/L	99
9) Trichlorofluoromethane		3.259	101	214653	22.597	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...		4.070	101	207090	20.183	ug/L	99
12) 1,1-Dichloroethene		4.045	96	212170	22.041	ug/L	88
13) Acetone		4.118	43	99658	32.573	ug/L	97
14) Carbon disulfide		4.393	76	572383	16.528	ug/L	99
15) Methyl Acetate		4.673	43	100324	16.370	ug/L	99
16) Methylene chloride		4.917	84	241692	19.185	ug/L	95
17) trans-1,2-Dichloroethene		5.429	96	233908	21.775	ug/L	99
18) Methyl tert-butyl Ether		5.423	73	416455	25.623	ug/L	99
19) 1,1-Dichloroethane		6.216	63	512860	23.198	ug/L	98
20) cis-1,2-Dichloroethene		7.173	96	258093	22.354	ug/L	97
22) 2-Butanone		7.173	43	204065	45.258	ug/L	95
23) Bromochloromethane		7.514	128	116393	23.337	ug/L	97
25) Chloroform		7.673	83	476246	22.298	ug/L	99

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 Response via : Initial Calibration

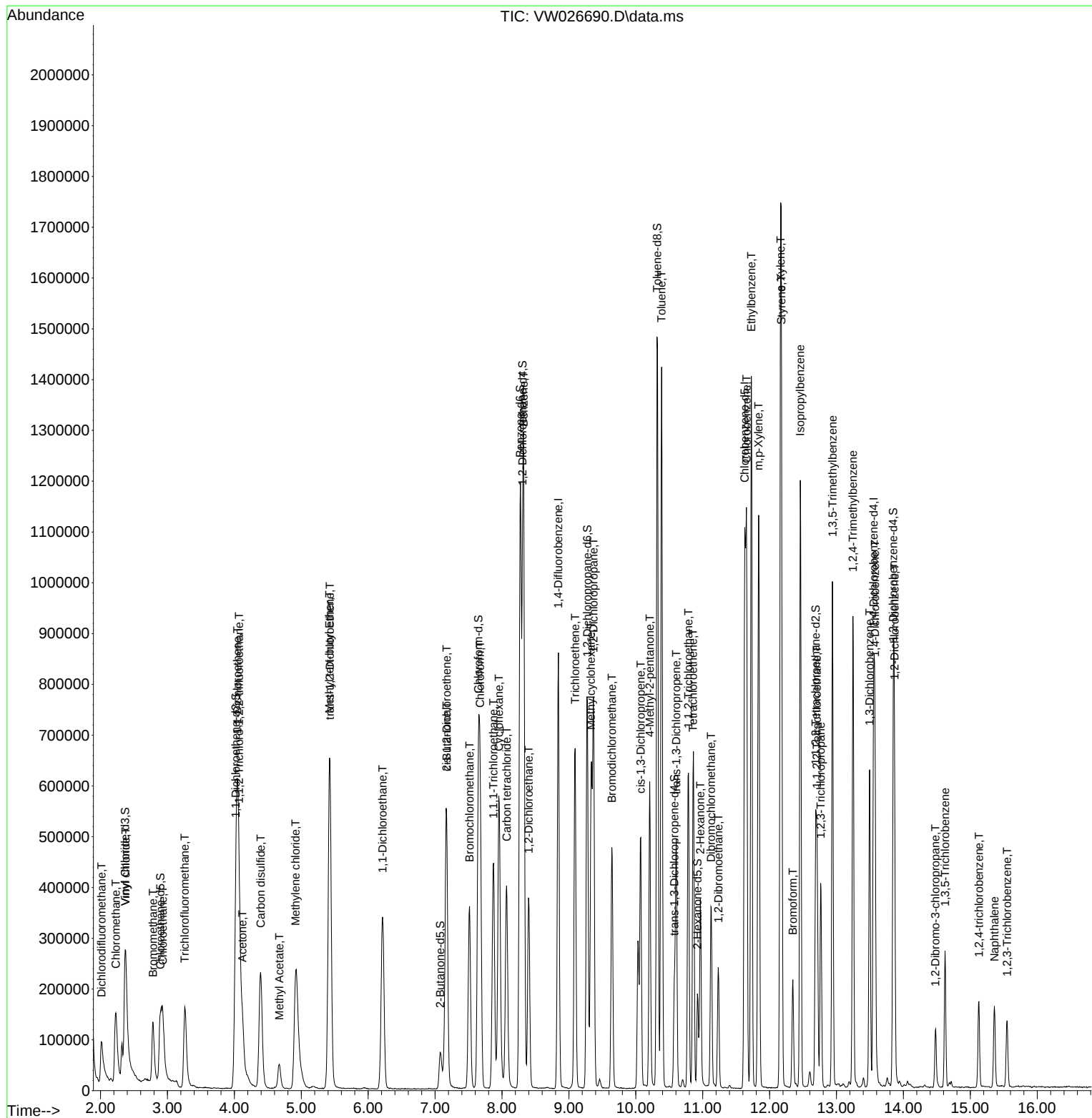
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27) 1,2-Dichloroethane	8.398	62	347349	23.312	ug/L	99
29) Cyclohexane	7.953	56	330807	20.356	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	362387	26.423	ug/L	99
31) Carbon tetrachloride	8.069	117	306358	24.431	ug/L	95
33) Benzene	8.325	78	1042965	27.254	ug/L	100
34) Trichloroethene	9.093	95	240672	24.693	ug/L	96
35) Methylcyclohexane	9.331	83	229916	13.789	ug/L	100
37) 1,2-Dichloropropane	9.367	63	284741	27.165	ug/L	99
38) Bromodichloromethane	9.642	83	318466	25.899	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	289654	19.209	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	399860	58.646	ug/L	99
42) Toluene	10.386	91	1000724	25.851	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	256829	19.788	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	193867	27.043	ug/L	98
46) Tetrachloroethene	10.855	164	141300	19.955	ug/L	98
48) 2-Hexanone	10.965	43	253467	54.633	ug/L	95
49) Dibromochloromethane	11.123	129	183253	24.441	ug/L	97
50) 1,2-Dibromoethane	11.233	107	159105	23.654	ug/L	99
51) Chlorobenzene	11.654	112	524462	21.448	ug/L	99
52) Ethylbenzene	11.727	91	938355	21.615	ug/L	99
53) m,p-Xylene	11.836	106	339452	21.107	ug/L	93
54) o-Xylene	12.166	106	317210	21.134	ug/L	99
55) Styrene	12.178	104	458971	17.586	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	208249	22.938	ug/L	98
59) Bromoform	12.349	173	91745	35.801	ug/L	97
60) Isopropylbenzene	12.458	105	723205	29.735	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	169927	42.822	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	493461	25.669	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	475538	25.243	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	235745	22.287	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	242440	21.963	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	207661	21.589	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	30188	31.556	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	73800	10.327	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	51503	8.500	ug/L	94
71) Naphthalene	15.360	128	131715	11.396	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	41510	7.596	ug/L	99

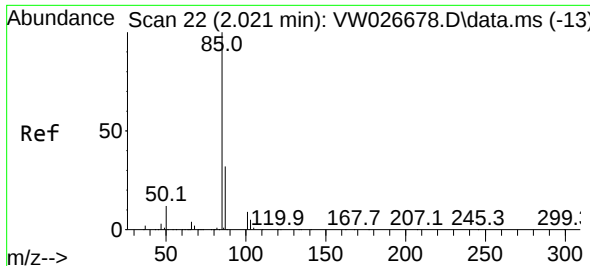
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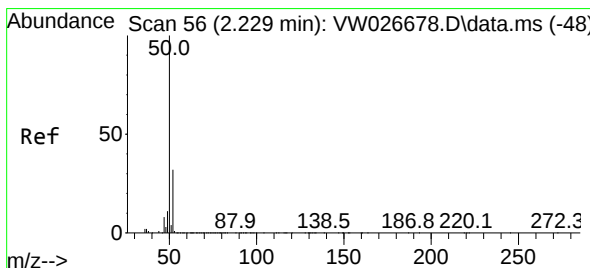
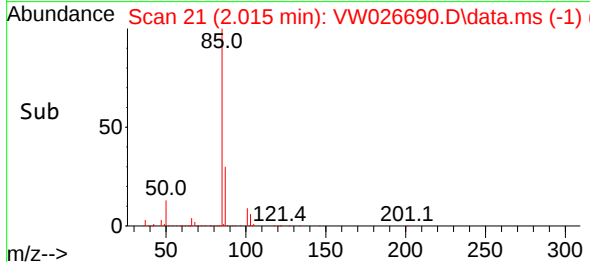
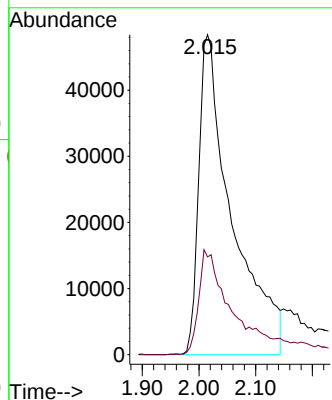
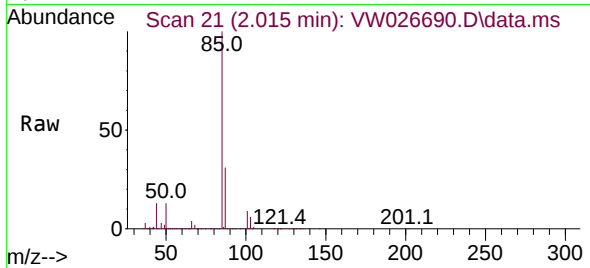




#2
 Dichlorodifluoromethane
 Concen: 22.127 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026690.D
 Acq: 10 Aug 2023 20:32

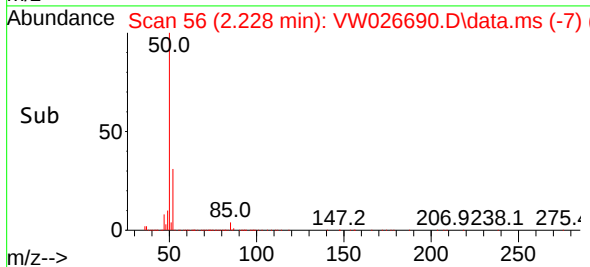
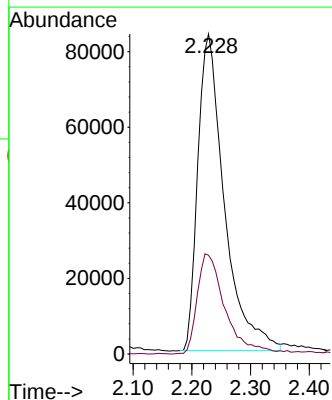
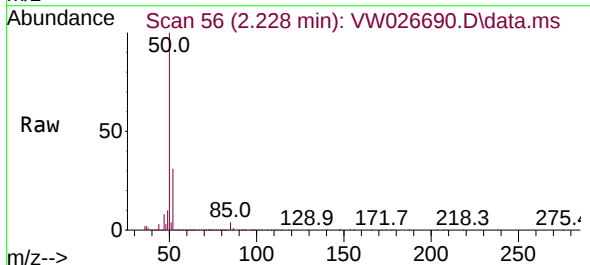
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 ClientSampleId :
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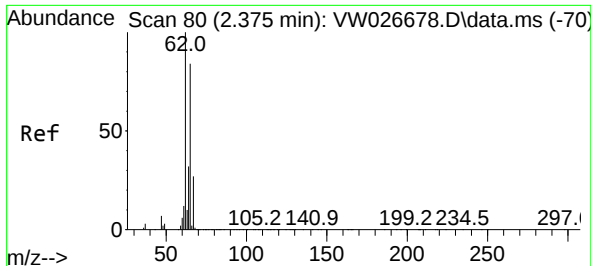
Tgt Ion: 85 Resp: 195927
 Ion Ratio Lower Upper
 85 100
 87 26.5 19.5 29.3



#3
 Chloromethane
 Concen: 21.729 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW026690.D
 Acq: 10 Aug 2023 20:32

Tgt Ion: 50 Resp: 263088
 Ion Ratio Lower Upper
 50 100
 52 30.8 23.0 42.8

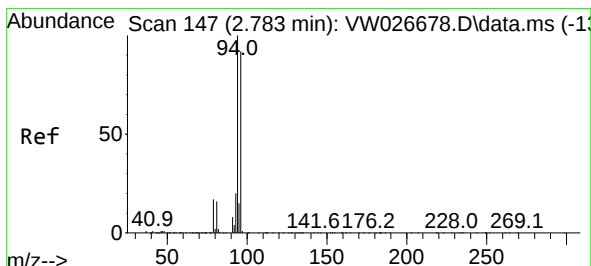
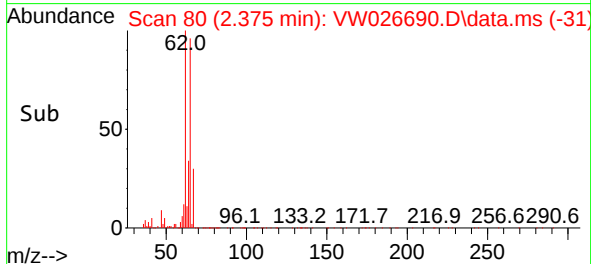
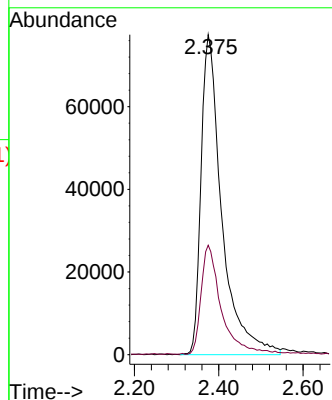
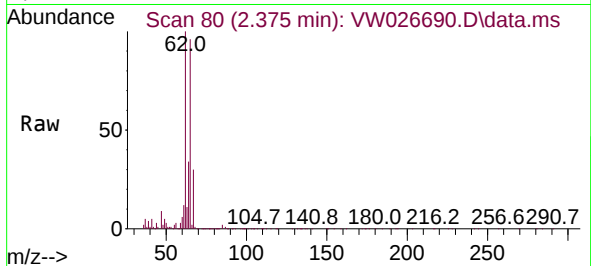




#5
 Vinyl chloride
 Concen: 22.902 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026690.D
 Acq: 10 Aug 2023 20:32

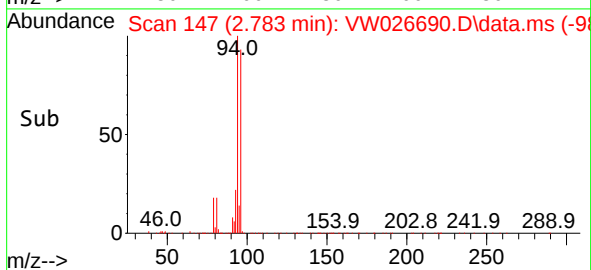
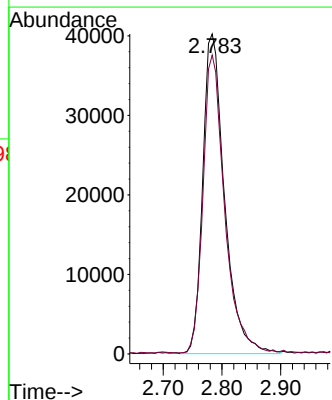
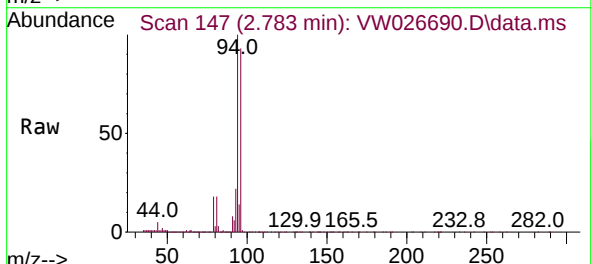
Instrument :
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 ClientSampleId :
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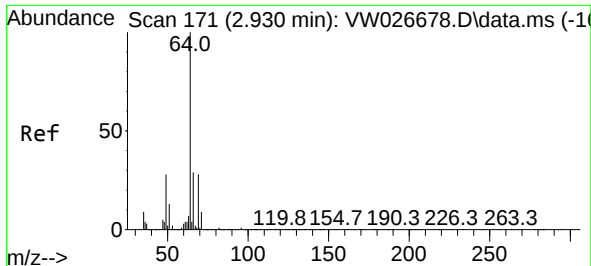
Tgt Ion: 62 Resp: 265081
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.7 42.3



#6
 Bromomethane
 Concen: 15.378 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026690.D
 Acq: 10 Aug 2023 20:32

Tgt Ion: 94 Resp: 103706
 Ion Ratio Lower Upper
 94 100
 96 93.4 64.8 120.3

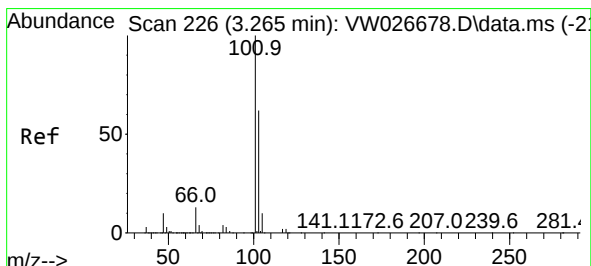
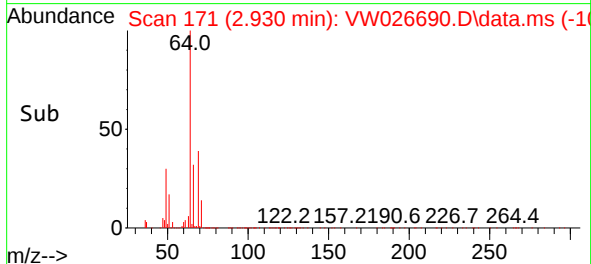
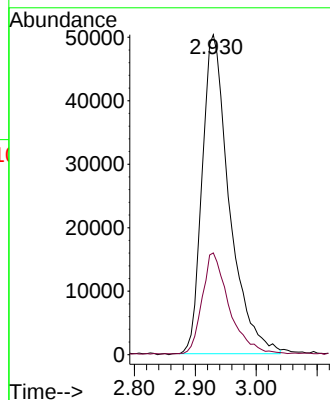
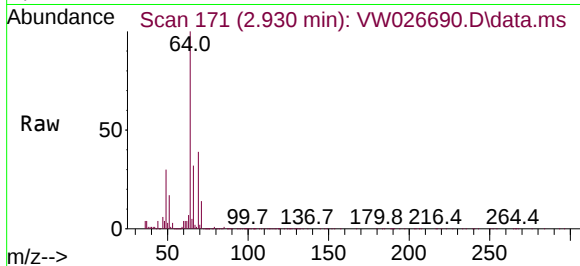




#8
Chloroethane
Concen: 22.455 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

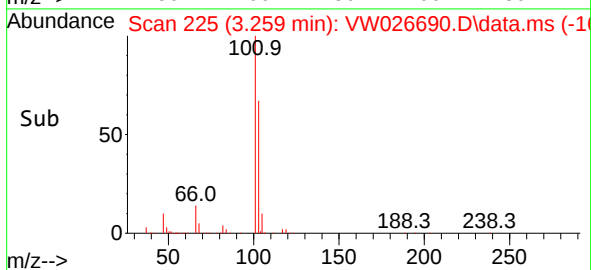
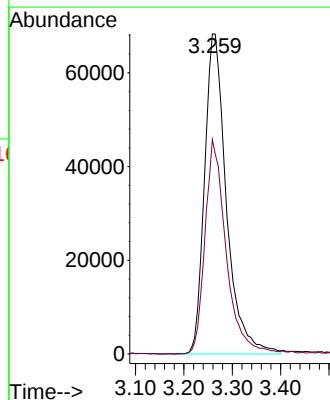
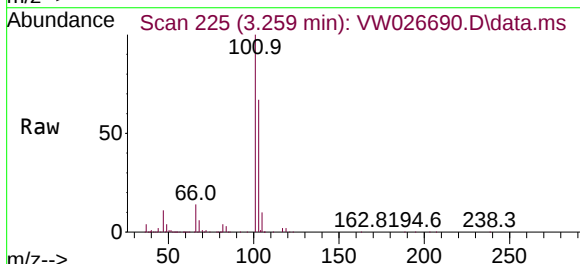
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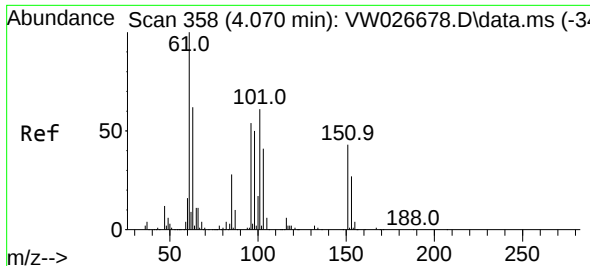
Tgt Ion: 64 Resp: 155734
Ion Ratio Lower Upper
64 100
66 31.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.597 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

Tgt Ion: 101 Resp: 214653
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9

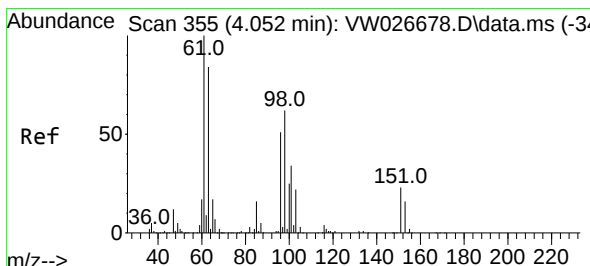
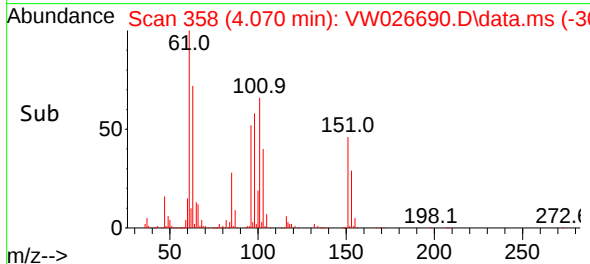
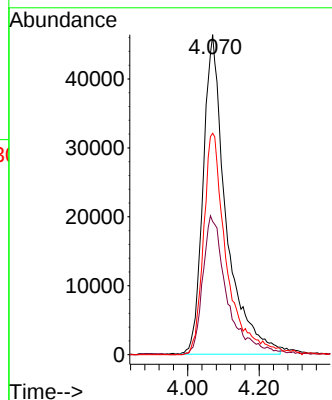
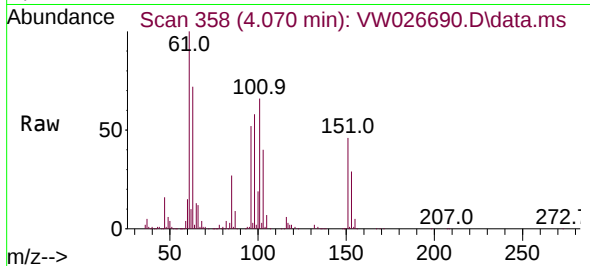




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.183 ug/L
 RT: 4.070 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW026690.D
 Acq: 10 Aug 2023 20:32

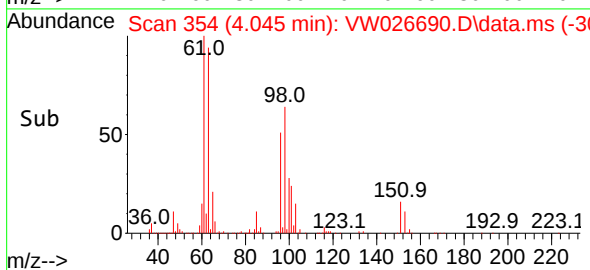
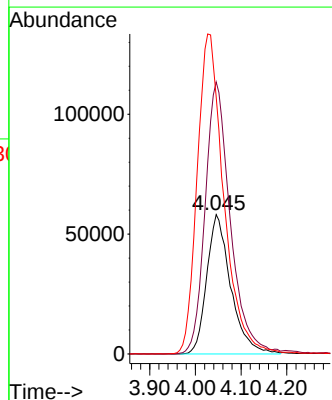
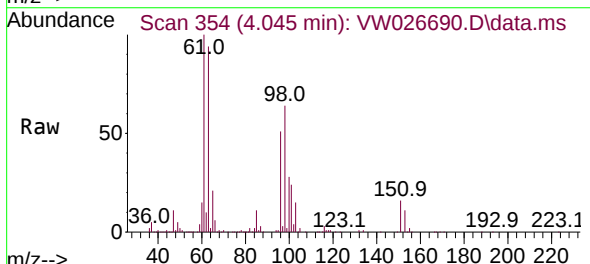
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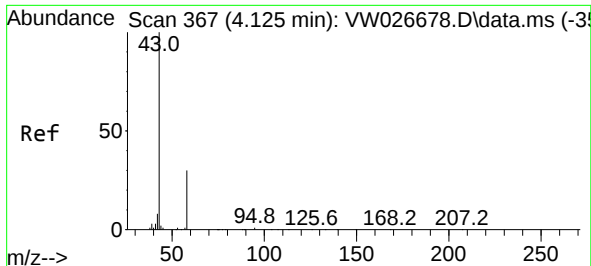
Tgt Ion:101 Resp: 207090
 Ion Ratio Lower Upper
 101 100
 85 40.5 32.8 49.2
 151 67.1 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 22.041 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW026690.D
 Acq: 10 Aug 2023 20:32

Tgt Ion: 96 Resp: 212170
 Ion Ratio Lower Upper
 96 100
 61 195.1 133.2 247.4
 63 184.3 109.0 202.4





#13

Acetone

Concen: 32.573 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Instrument :

MSVOA_W

ClientSampleId :

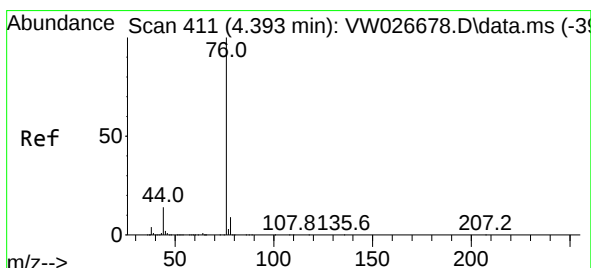
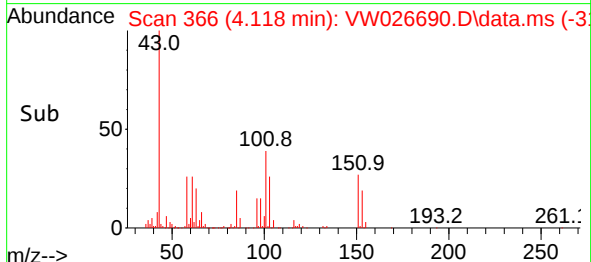
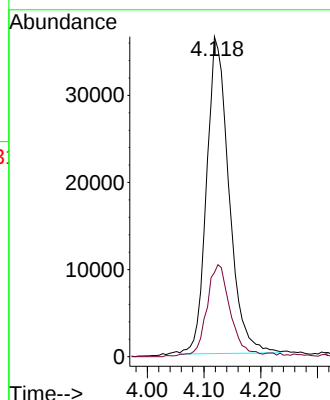
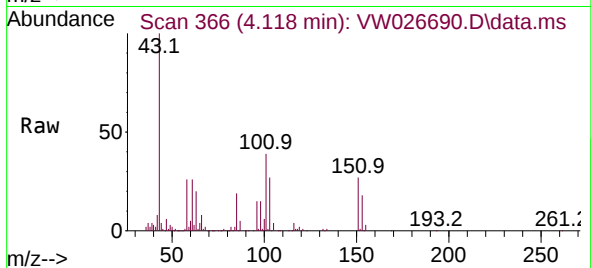
A48K2MS

Tgt Ion: 43 Resp: 99658

Ion Ratio Lower Upper

43 100

58 30.1 0.0 57.4



#14

Carbon disulfide

Concen: 16.528 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW026690.D

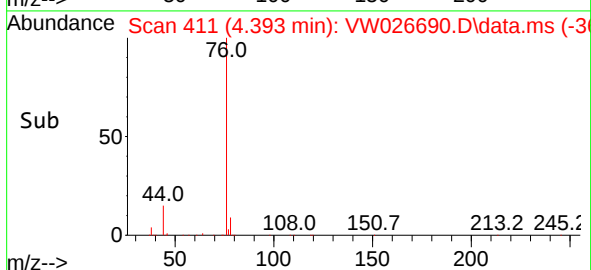
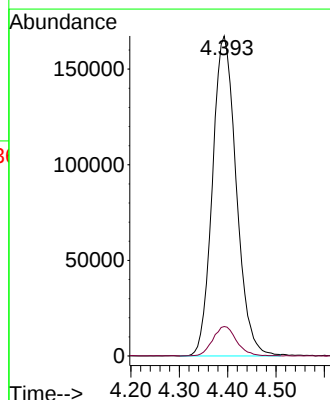
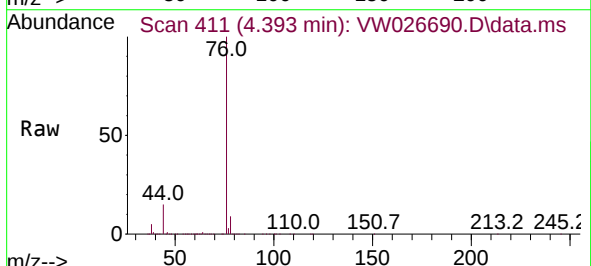
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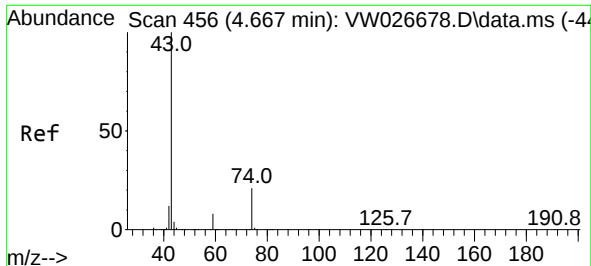
Tgt Ion: 76 Resp: 572383

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

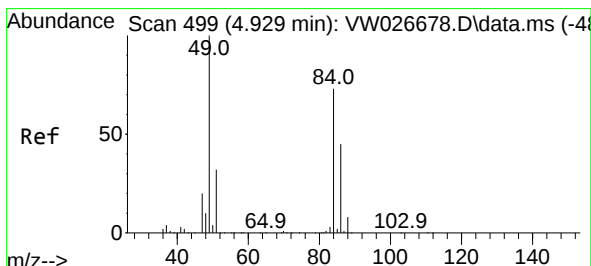
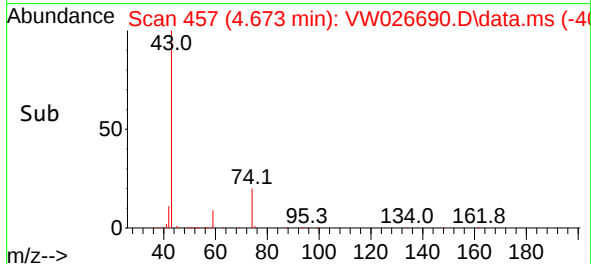
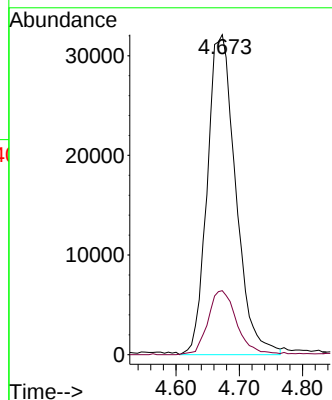
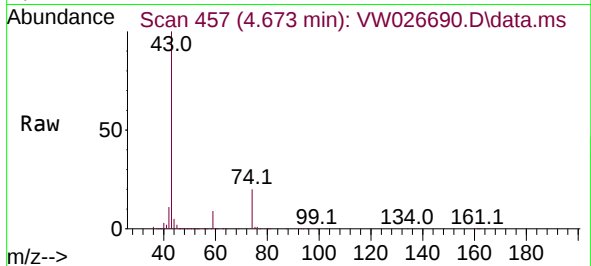




#15
Methyl Acetate
Concen: 16.370 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

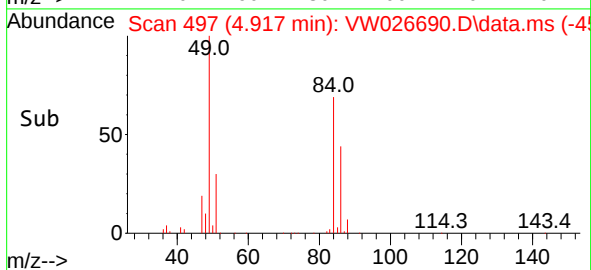
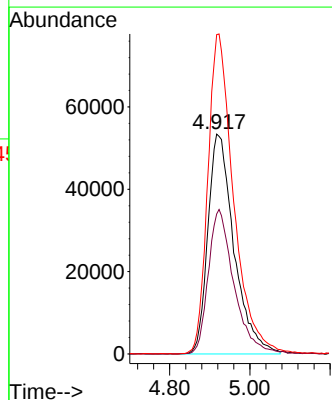
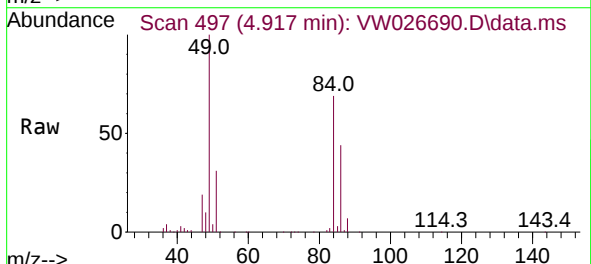
Instrument :
MSVOA_W
ClientSampleId :
A48K2MS

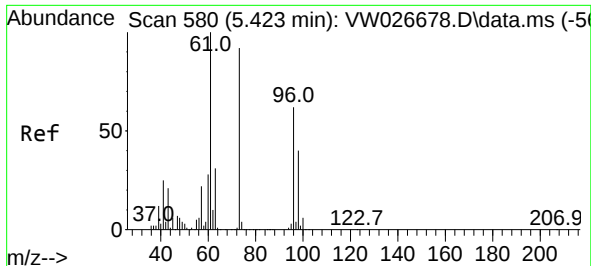
Tgt Ion: 43 Resp: 100324
Ion Ratio Lower Upper
43 100
74 20.2 16.4 24.6



#16
Methylene chloride
Concen: 19.185 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.012 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

Tgt Ion: 84 Resp: 241692
Ion Ratio Lower Upper
84 100
86 63.7 43.5 80.9
49 145.3 96.0 178.2





#17

trans-1,2-Dichloroethene

Concen: 21.775 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Instrument :

MSVOA_W

ClientSampleId :

A48K2MS

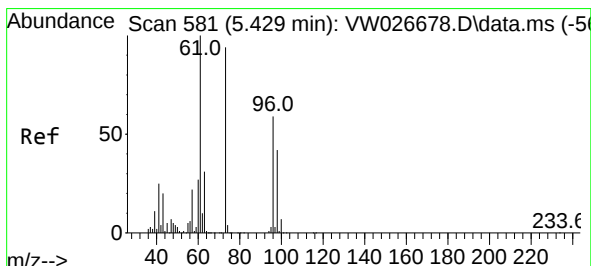
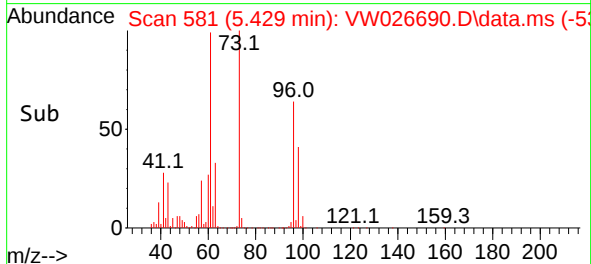
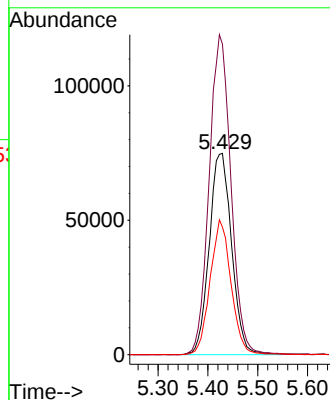
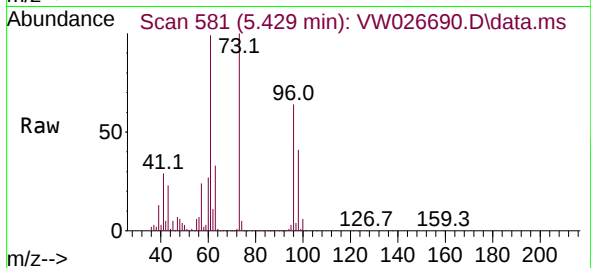
Tgt Ion: 96 Resp: 233908

Ion Ratio Lower Upper

96 100

61 154.3 109.4 203.2

98 63.4 43.6 81.0



#18

Methyl tert-butyl Ether

Concen: 25.623 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

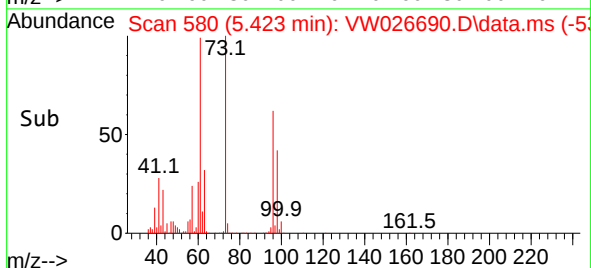
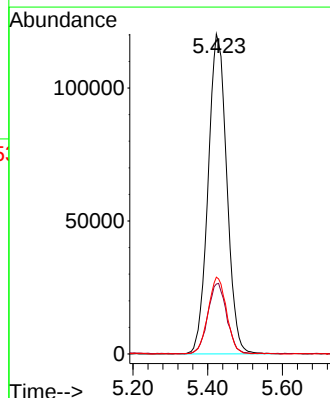
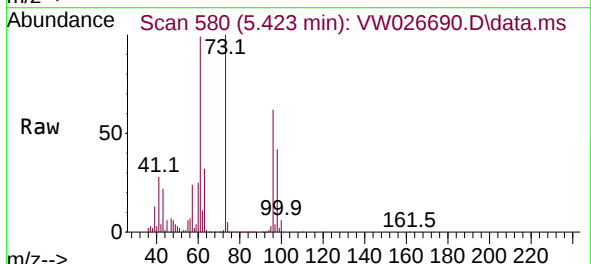
Tgt Ion: 73 Resp: 416455

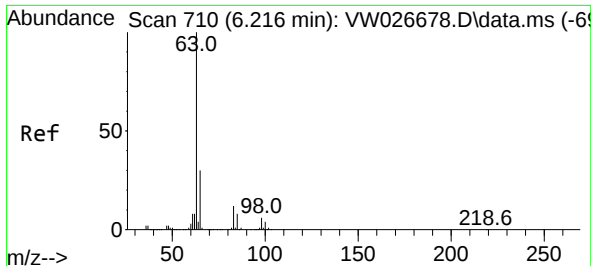
Ion Ratio Lower Upper

73 100

43 22.5 18.0 27.0

57 23.7 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.198 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Instrument :

MSVOA_W

ClientSampleId :

A48K2MS

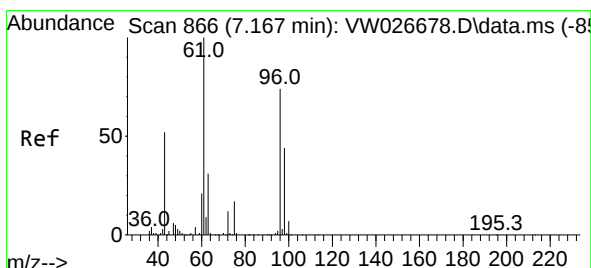
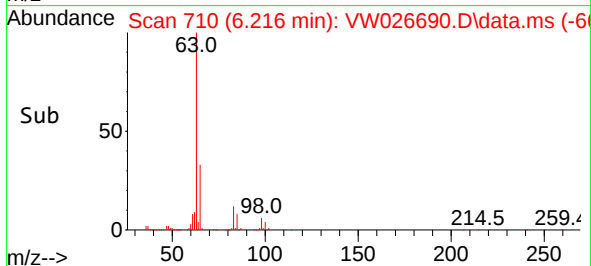
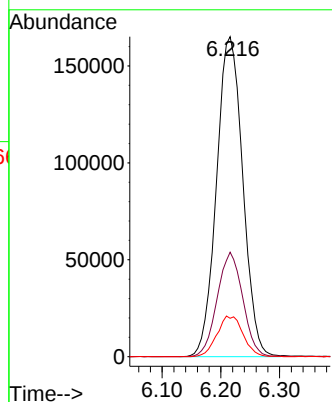
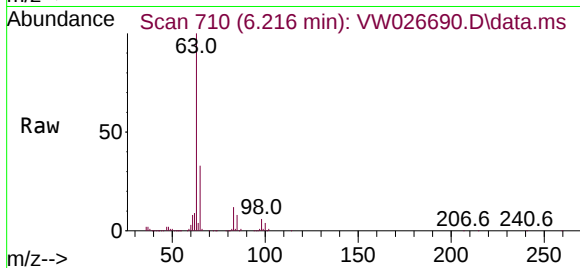
Tgt Ion: 63 Resp: 512860

Ion Ratio Lower Upper

63 100

65 32.6 21.8 40.6

83 12.0 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 22.354 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

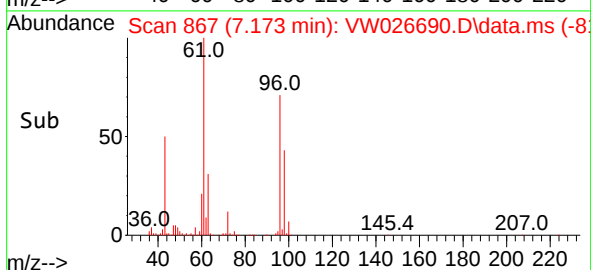
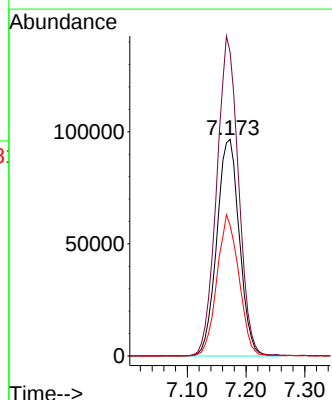
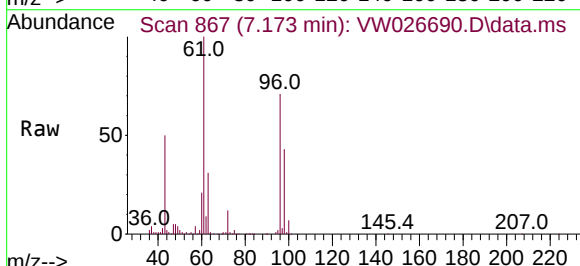
Tgt Ion: 96 Resp: 258093

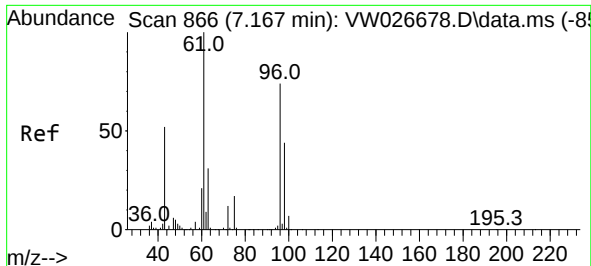
Ion Ratio Lower Upper

96 100

61 140.3 101.2 188.0

98 60.3 43.8 81.3

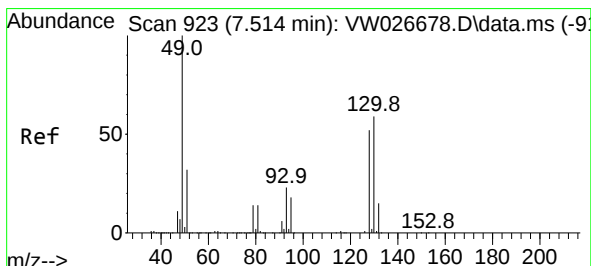
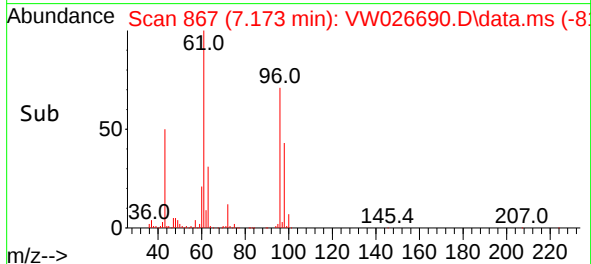
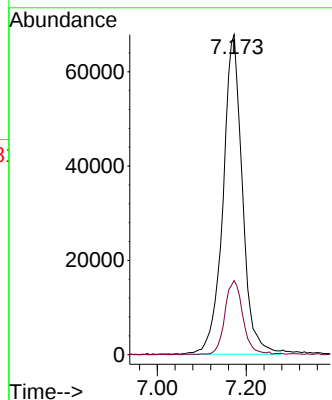
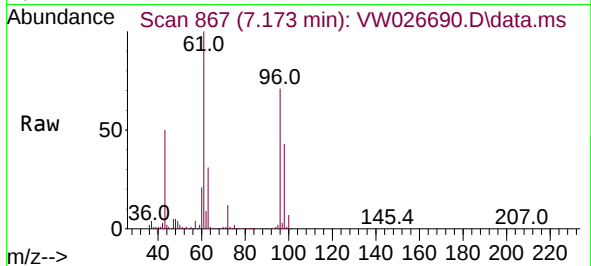




#22
2-Butanone
Concen: 45.258 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

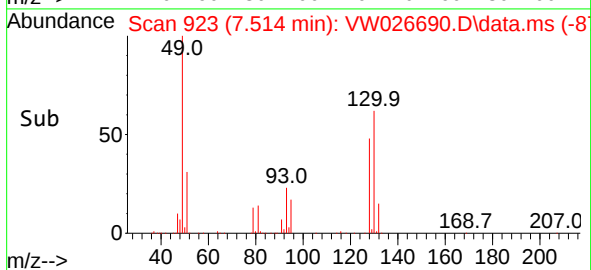
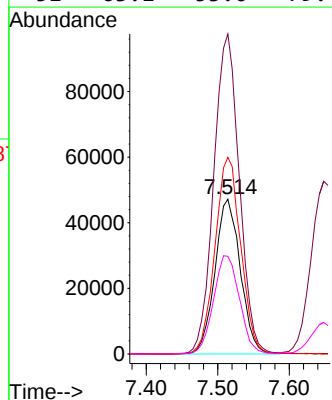
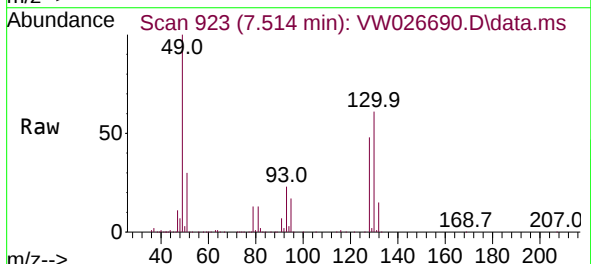
Instrument :
MSVOA_W
ClientSampleId :
A48K2MS

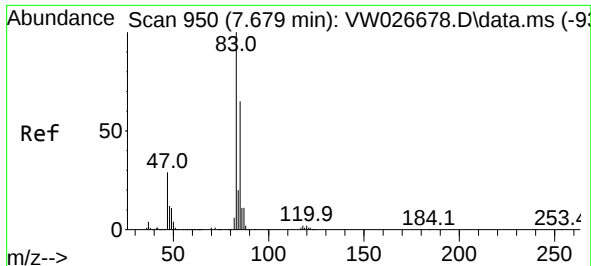
Tgt Ion: 43 Resp: 204065
Ion Ratio Lower Upper
43 100
72 21.4 11.8 35.4



#23
Bromochloromethane
Concen: 23.337 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

Tgt Ion:128 Resp: 116393
Ion Ratio Lower Upper
128 100
49 206.8 143.1 265.7
130 127.1 91.8 170.4
51 63.1 53.0 79.4

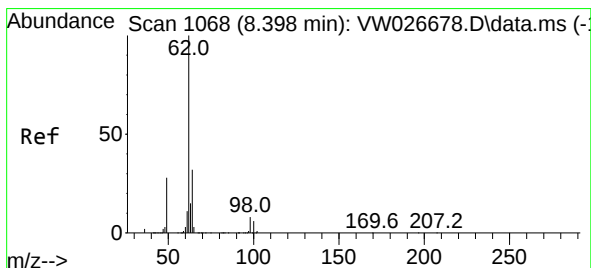
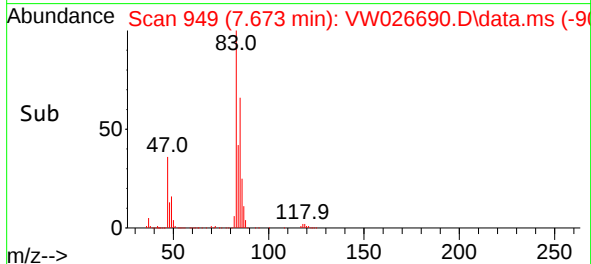
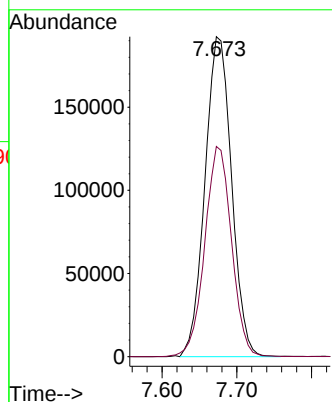
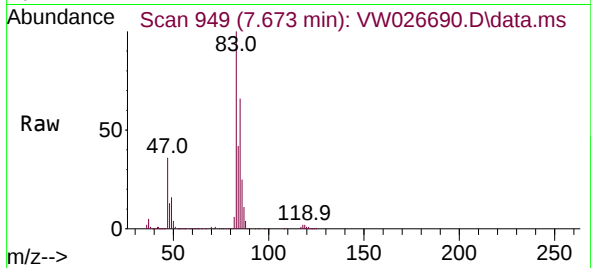




#25
Chloroform
Concen: 22.298 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

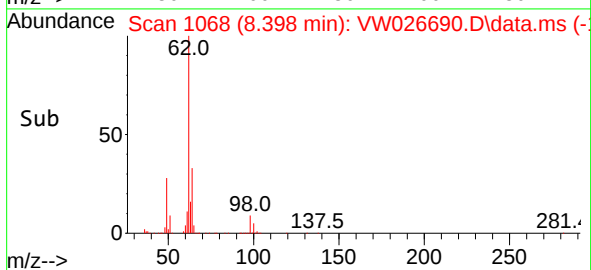
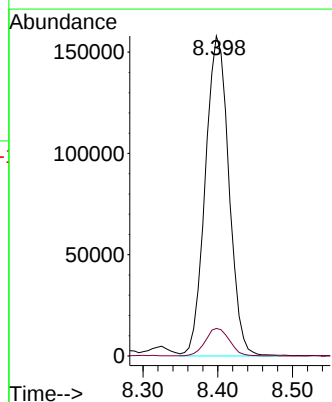
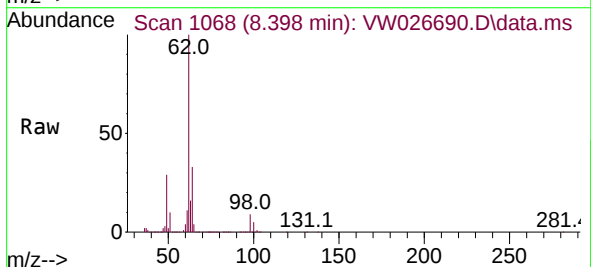
Instrument :
MSVOA_W
ClientSampleId :
A48K2MS

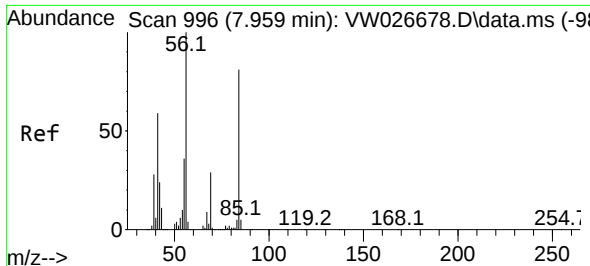
Tgt Ion: 83 Resp: 476246
Ion Ratio Lower Upper
83 100
85 65.7 45.4 84.2



#27
1,2-Dichloroethane
Concen: 23.312 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

Tgt Ion: 62 Resp: 347349
Ion Ratio Lower Upper
62 100
98 8.6 7.1 10.7





#29

Cyclohexane

Concen: 20.356 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Instrument :

MSVOA_W

ClientSampleId :

A48K2MS

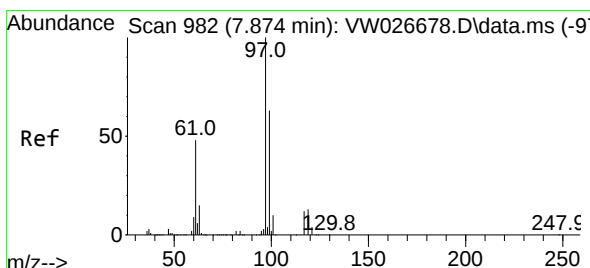
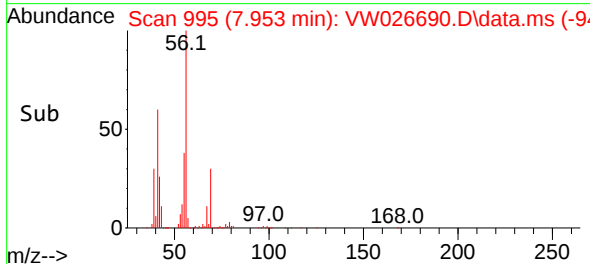
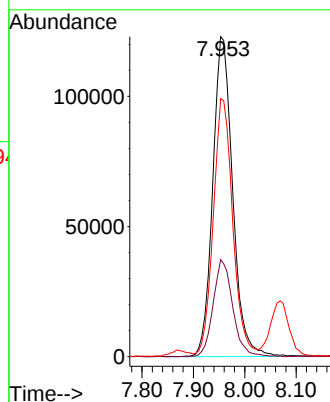
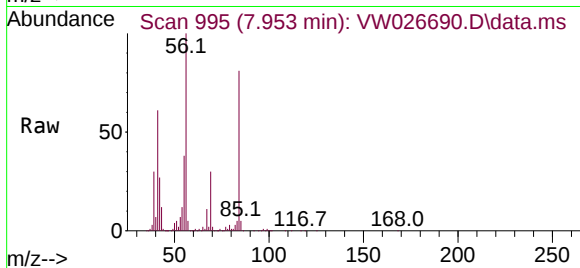
Tgt Ion: 56 Resp: 330807

Ion Ratio Lower Upper

56 100

69 29.9 23.2 34.8

84 79.1 62.7 94.1



#30

1,1,1-Trichloroethane

Concen: 26.423 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

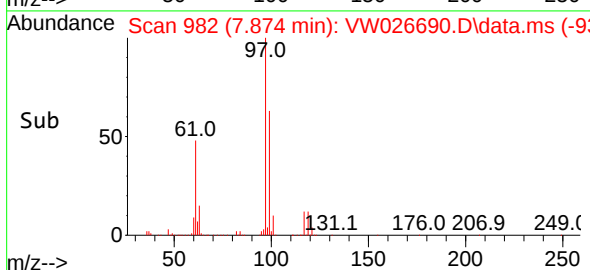
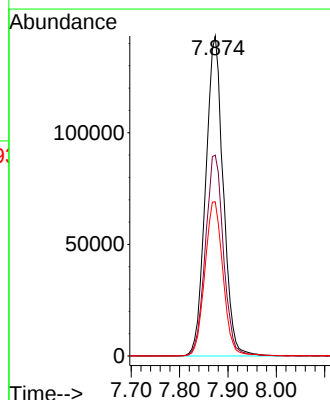
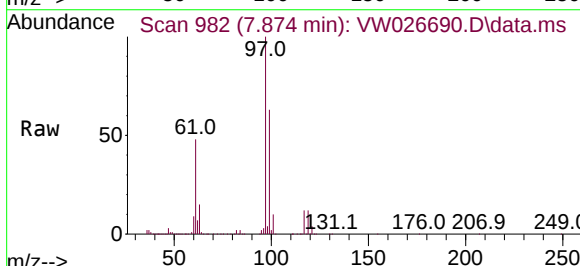
Tgt Ion: 97 Resp: 362387

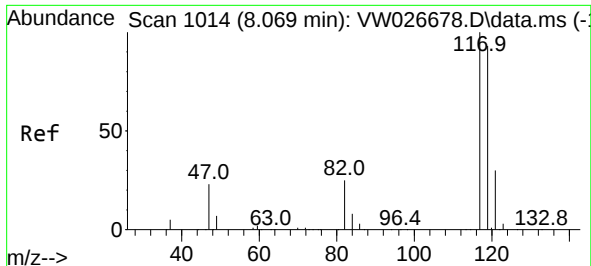
Ion Ratio Lower Upper

97 100

99 64.3 51.2 76.8

61 49.6 39.2 58.8

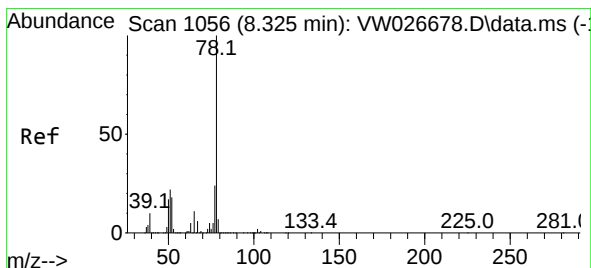
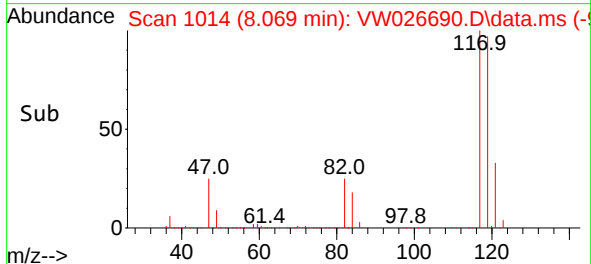
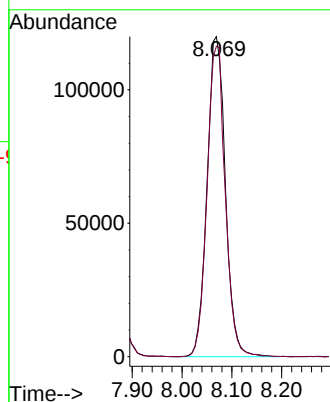
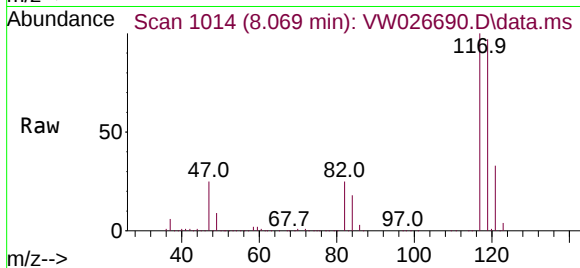




#31
Carbon tetrachloride
Concen: 24.431 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

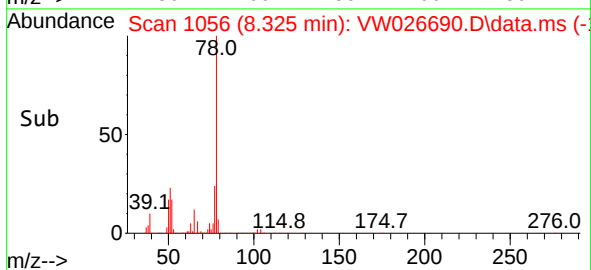
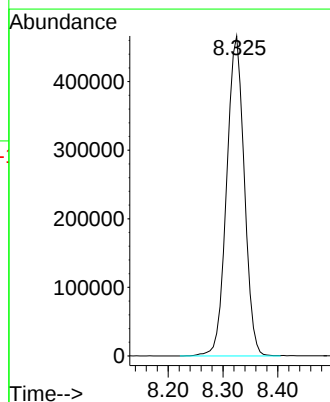
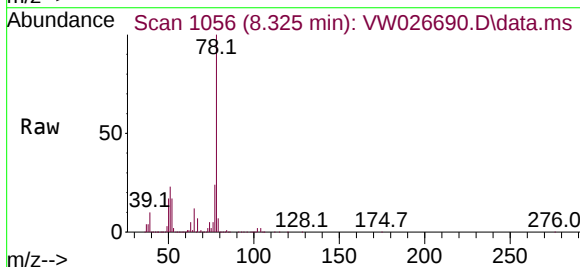
Instrument :
MSVOA_W
ClientSampleId :
A48K2MS

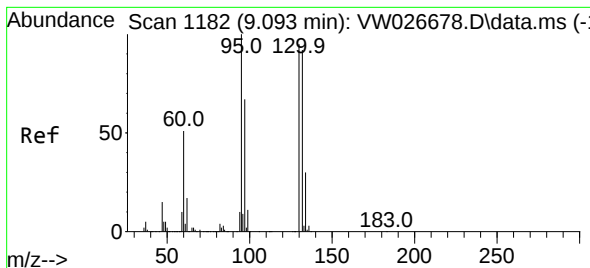
Tgt Ion:117 Resp: 306358
Ion Ratio Lower Upper
117 100
119 96.2 73.0 109.4



#33
Benzene
Concen: 27.254 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

Tgt Ion: 78 Resp: 1042965





#34

Trichloroethene

Concen: 24.693 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Instrument :

MSVOA_W

ClientSampleId :

A48K2MS

Tgt Ion: 95 Resp: 240672

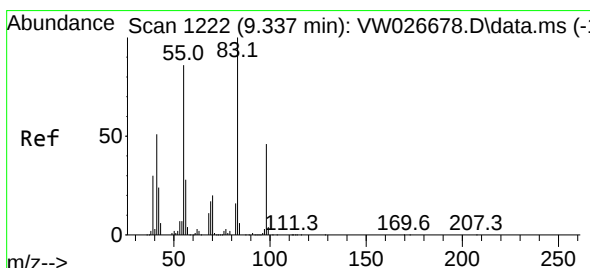
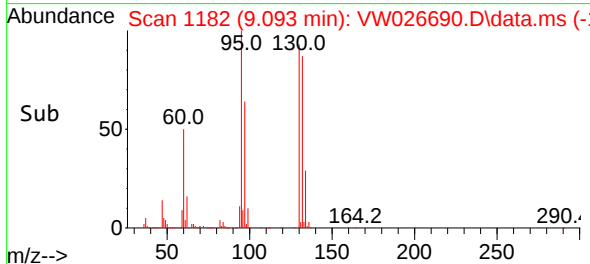
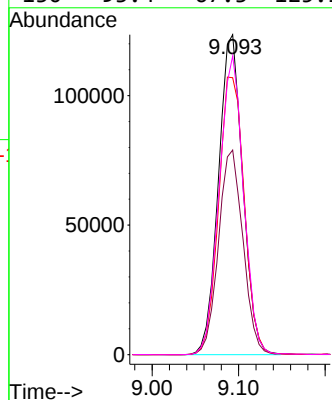
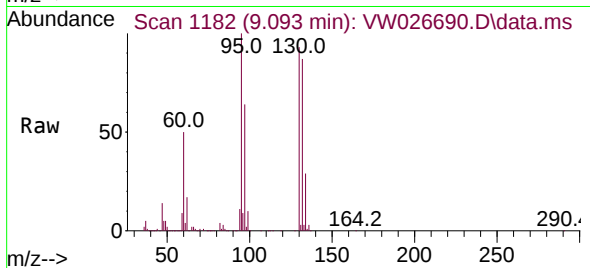
Ion Ratio Lower Upper

95 100

97 64.0 44.6 82.8

132 86.6 66.4 123.2

130 93.4 67.3 125.1



#35

Methylcyclohexane

Concen: 13.789 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

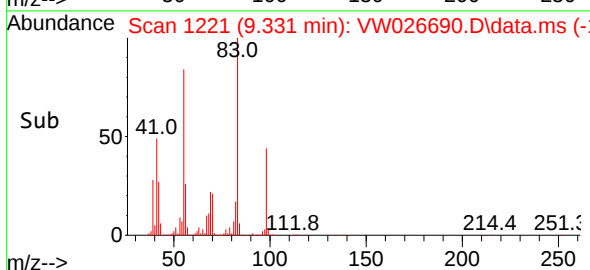
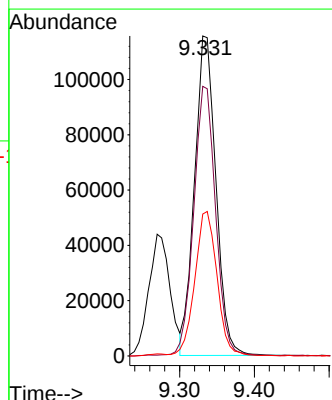
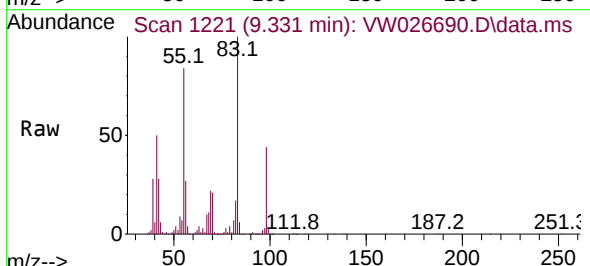
Tgt Ion: 83 Resp: 229916

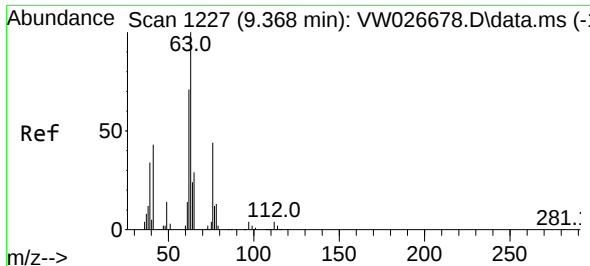
Ion Ratio Lower Upper

83 100

55 86.4 69.3 103.9

98 46.9 37.4 56.0





#37

1,2-Dichloropropane

Concen: 27.165 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Instrument :

MSVOA_W

ClientSampleId :

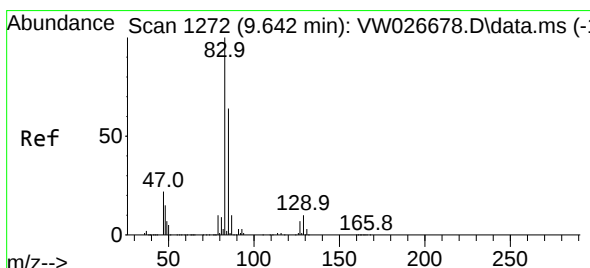
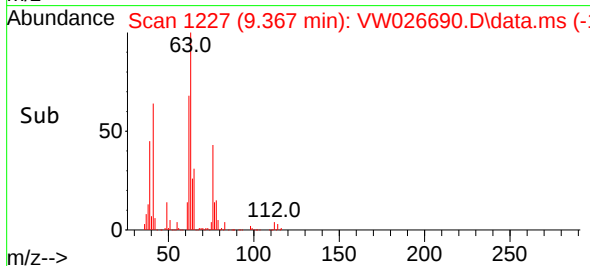
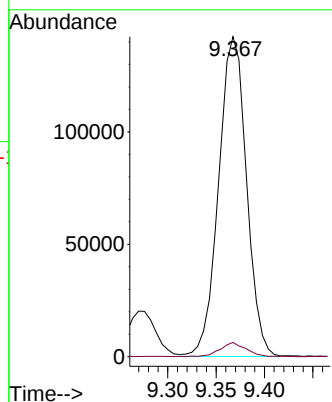
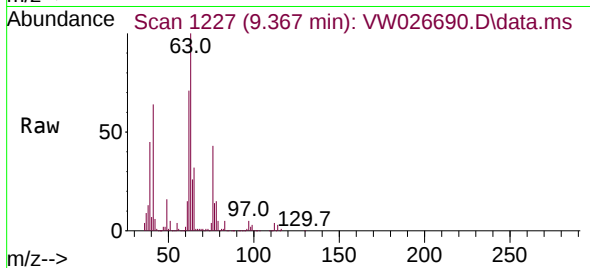
A48K2MS

Tgt Ion: 63 Resp: 284741

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 25.899 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

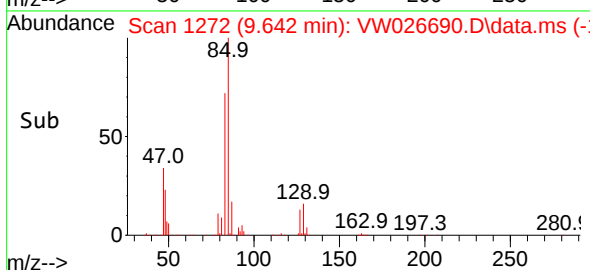
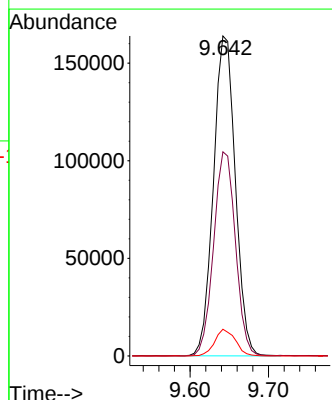
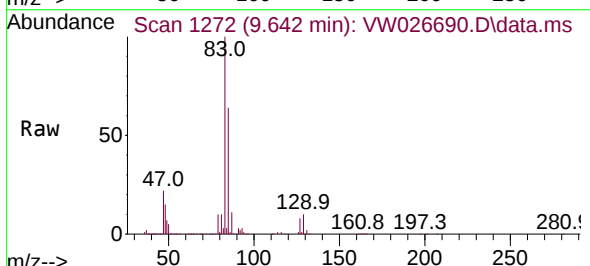
Tgt Ion: 83 Resp: 318466

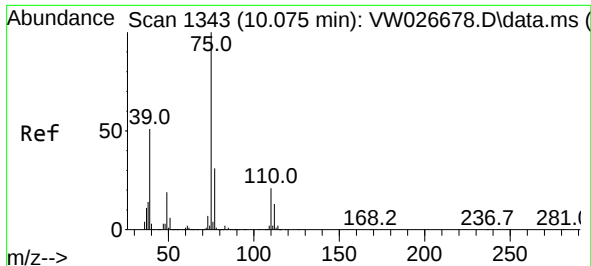
Ion Ratio Lower Upper

83 100

85 63.8 45.4 84.2

127 8.3 6.2 9.2

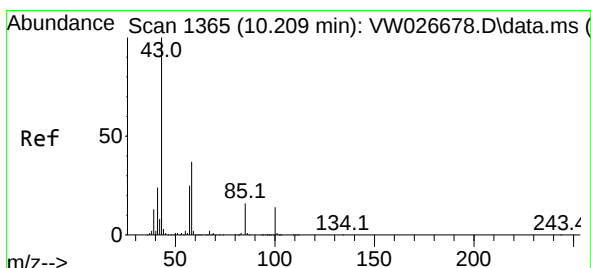
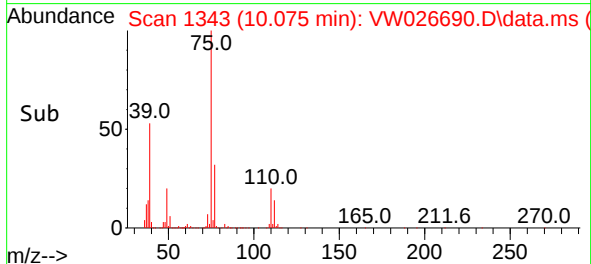
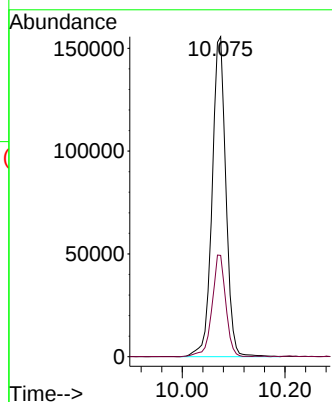
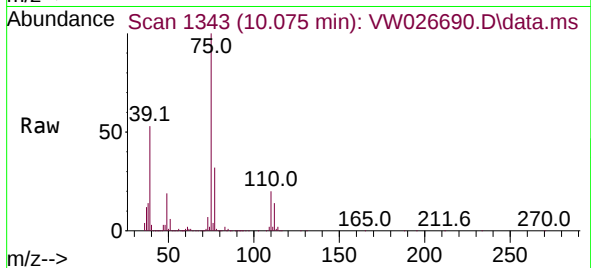




#39
 cis-1,3-Dichloropropene
 Concen: 19.209 ug/L
 RT: 10.075 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW026690.D
 Acq: 10 Aug 2023 20:32

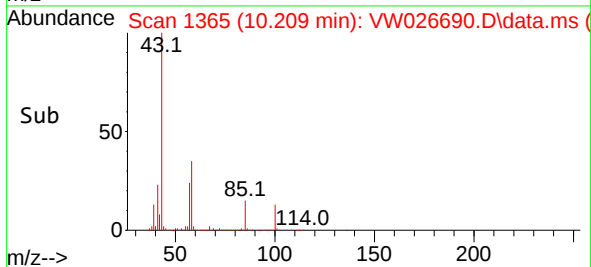
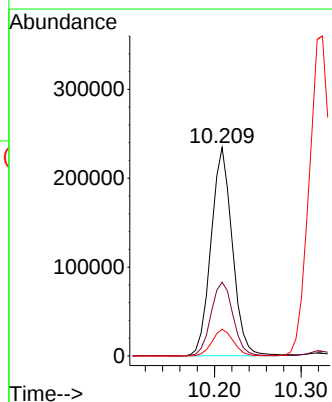
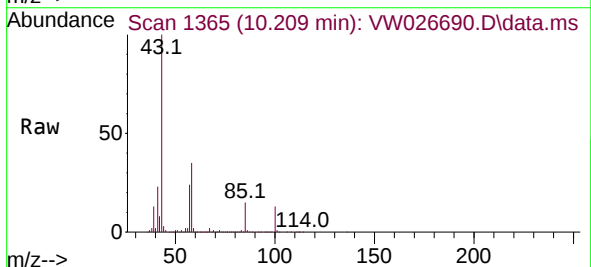
Instrument :
 MSVOA_W
 ClientSampleId :
 A48K2MS

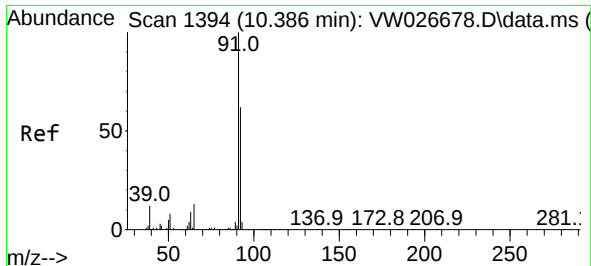
Tgt Ion: 75 Resp: 289654
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 58.646 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026690.D
 Acq: 10 Aug 2023 20:32

Tgt Ion: 43 Resp: 399860
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.2 43.8
 100 12.9 10.7 16.1

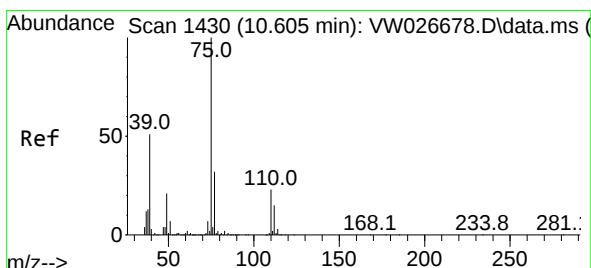
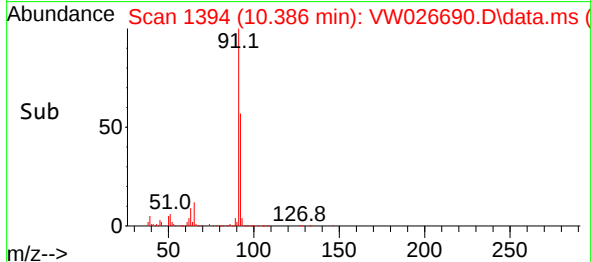
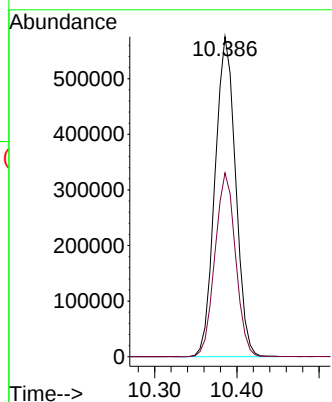
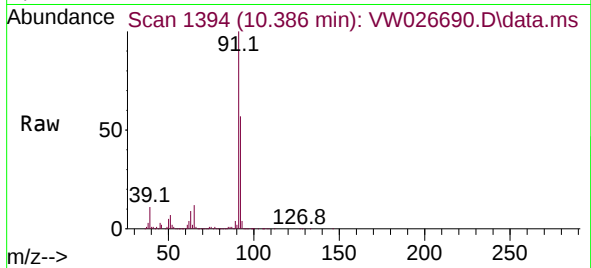




#42
Toluene
Concen: 25.851 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

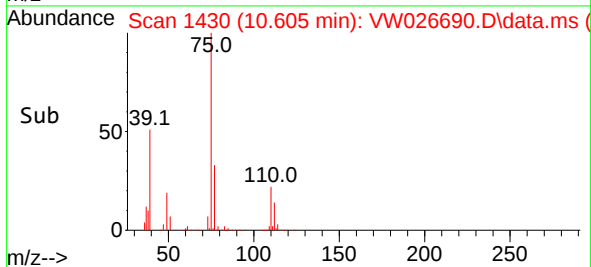
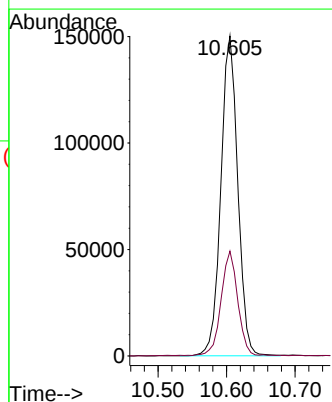
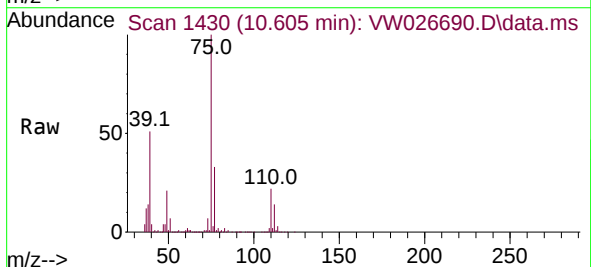
Instrument :
MSVOA_W
ClientSampleId :
A48K2MS

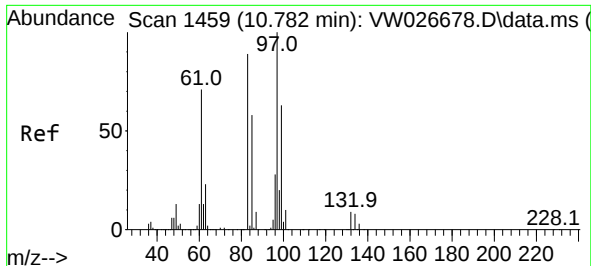
Tgt Ion: 91 Resp: 1000724
Ion Ratio Lower Upper
91 100
92 57.4 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 19.788 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

Tgt Ion: 75 Resp: 256829
Ion Ratio Lower Upper
75 100
77 32.8 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 27.043 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Instrument :

MSVOA_W

ClientSampleId :

A48K2MS

Tgt Ion: 97 Resp: 193867

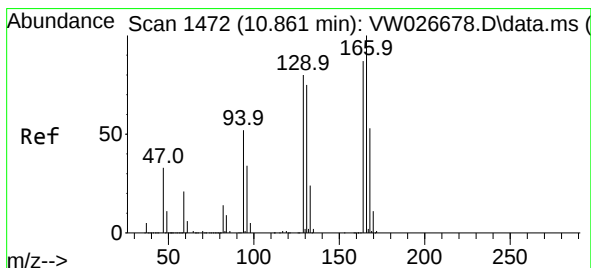
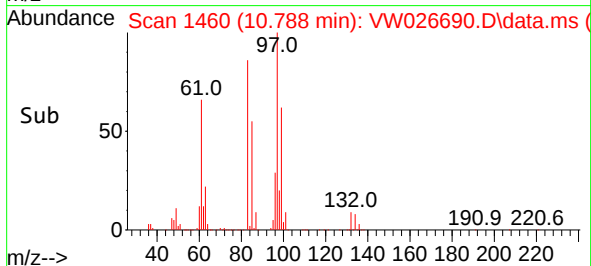
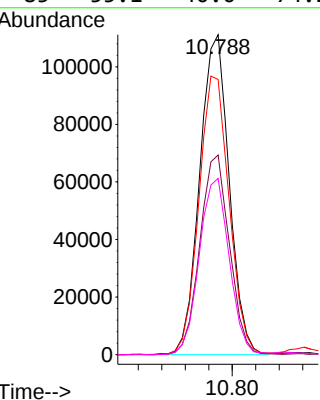
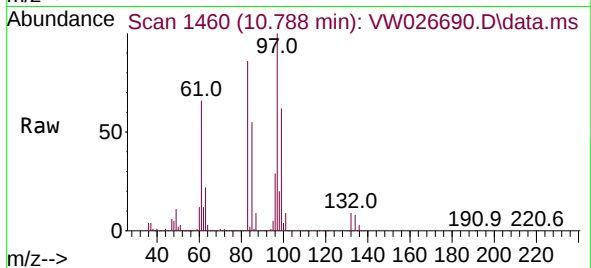
Ion Ratio Lower Upper

97 100

99 62.4 44.2 82.0

83 86.0 61.9 114.9

85 55.1 40.0 74.2



#46

Tetrachloroethene

Concen: 19.955 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Tgt Ion:164 Resp: 141300

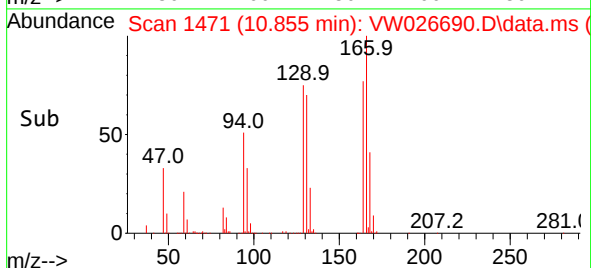
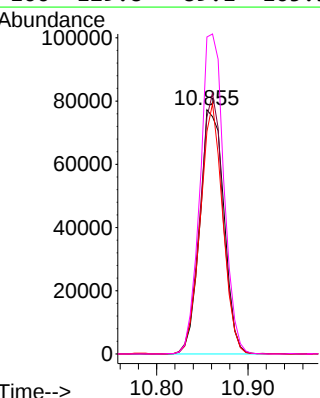
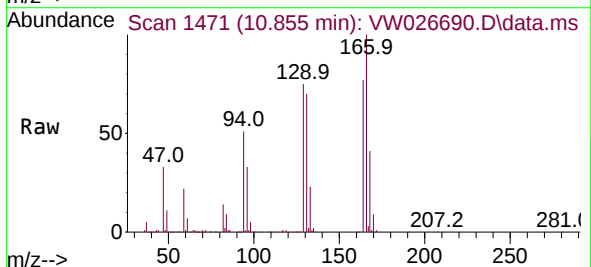
Ion Ratio Lower Upper

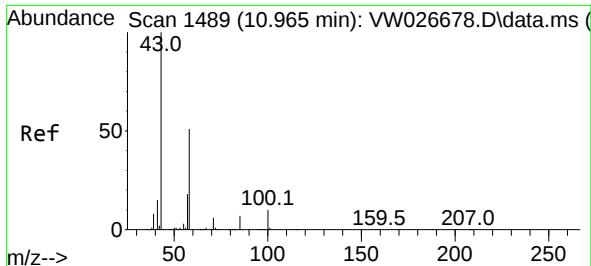
164 100

129 97.1 68.1 126.5

131 91.1 65.5 121.7

166 129.8 89.1 165.5

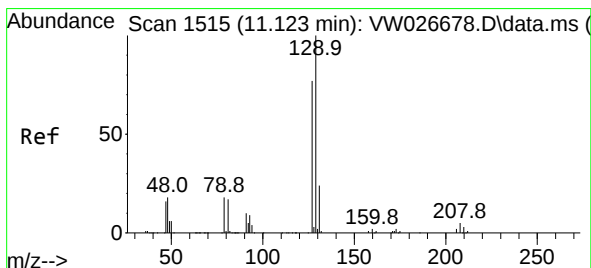
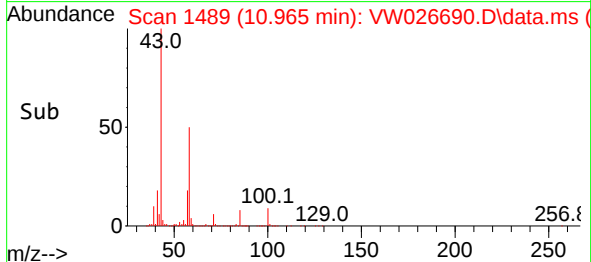
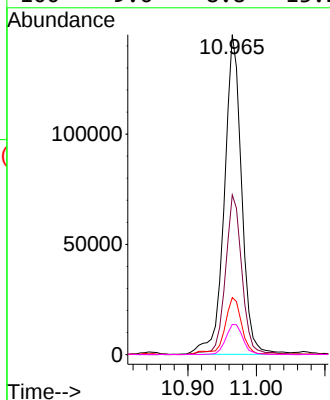
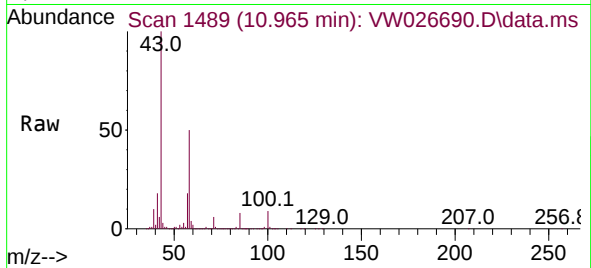




#48
2-Hexanone
Concen: 54.633 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

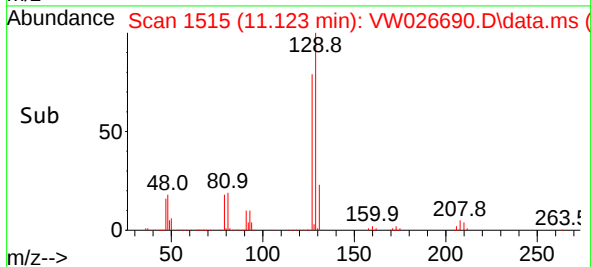
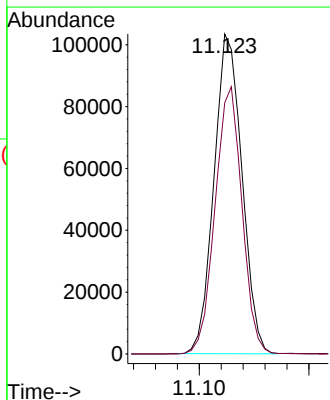
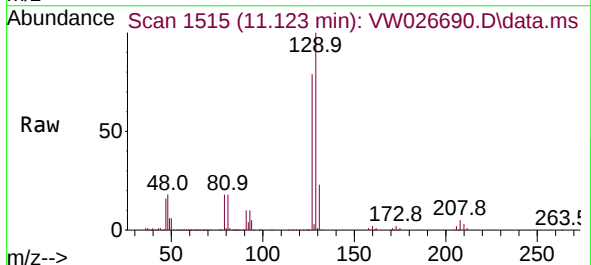
Instrument :
MSVOA_W
ClientSampleId :
A48K2MS

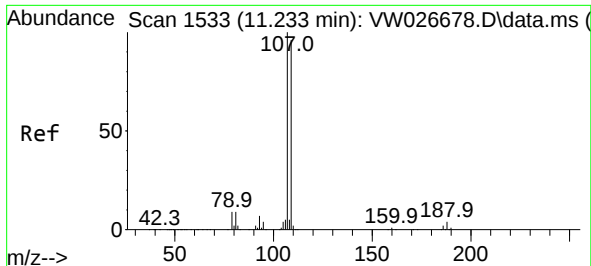
Tgt Ion: 43 Resp: 253467
Ion Ratio Lower Upper
43 100
58 47.5 41.1 61.7
57 16.8 14.3 21.5
100 9.6 8.8 13.2



#49
Dibromochloromethane
Concen: 24.441 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

Tgt Ion: 129 Resp: 183253
Ion Ratio Lower Upper
129 100
127 78.5 56.6 105.2





#50

1,2-Dibromoethane

Concen: 23.654 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Instrument :

MSVOA_W

ClientSampleId :

A48K2MS

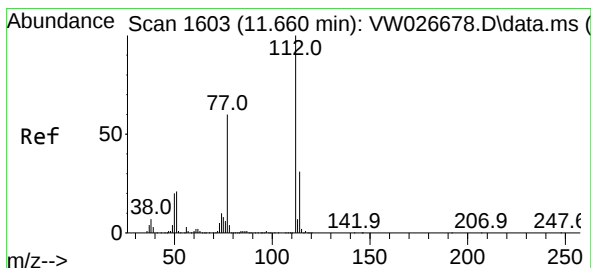
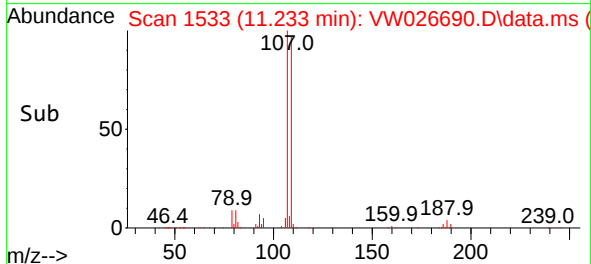
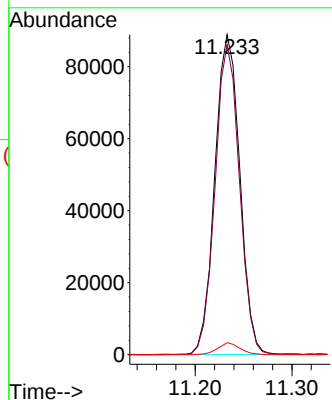
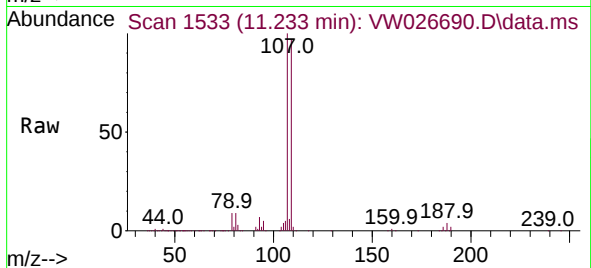
Tgt Ion:107 Resp: 159105

Ion Ratio Lower Upper

107 100

109 96.9 68.8 127.8

188 3.8 2.7 4.1



#51

Chlorobenzene

Concen: 21.448 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

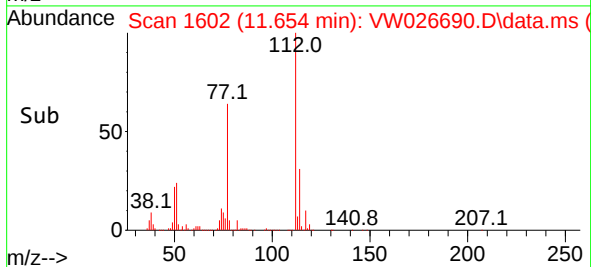
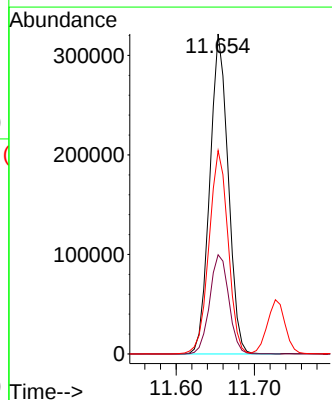
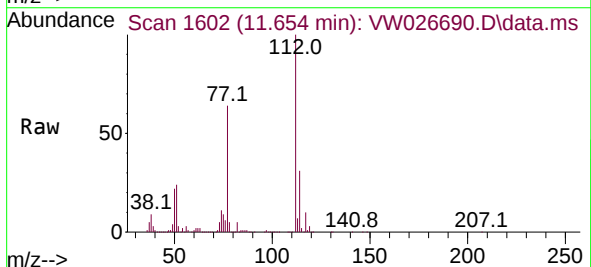
Tgt Ion:112 Resp: 524462

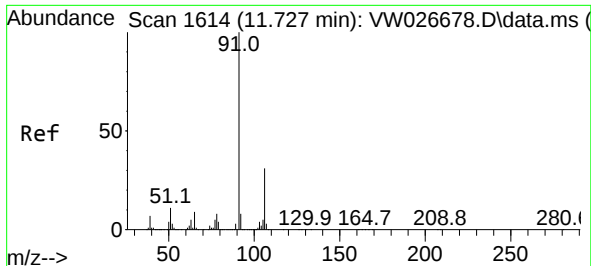
Ion Ratio Lower Upper

112 100

114 31.0 22.4 41.6

77 63.6 50.2 75.2





#52

Ethylbenzene

Concen: 21.615 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Instrument :

MSVOA_W

ClientSampleId :

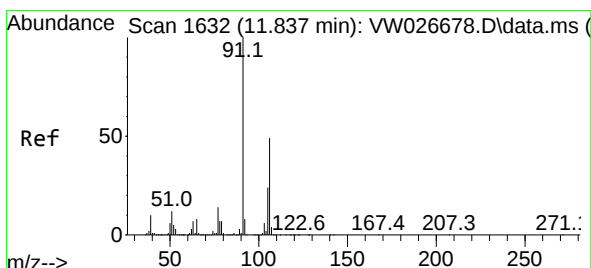
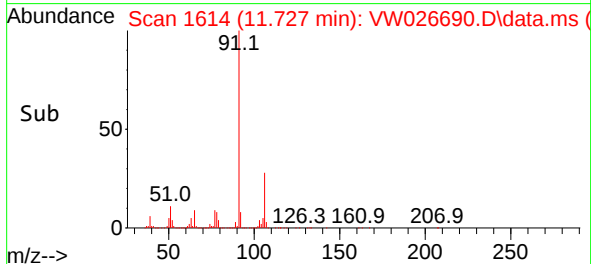
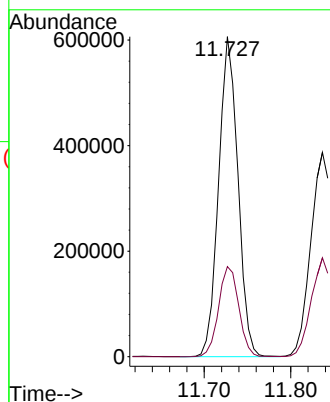
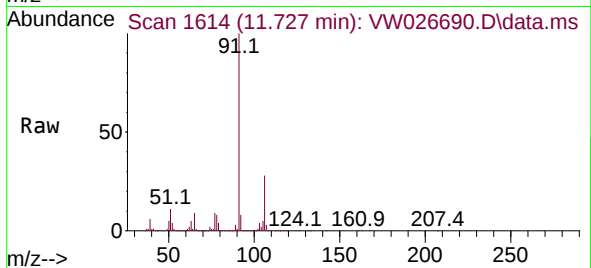
A48K2MS

Tgt Ion: 91 Resp: 938355

Ion Ratio Lower Upper

91 100

106 28.2 20.2 37.6



#53

m,p-Xylene

Concen: 21.107 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW026690.D

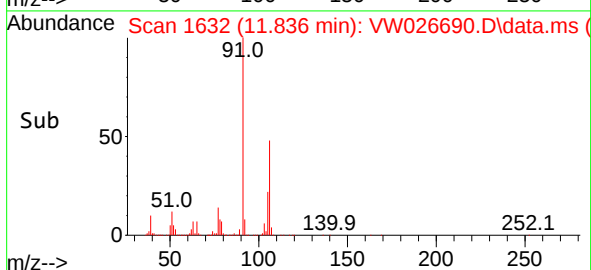
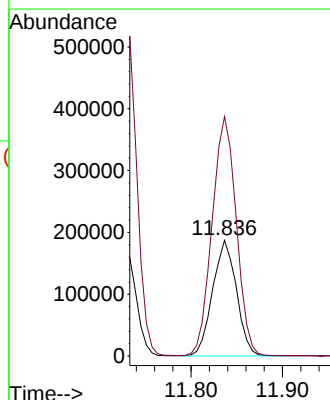
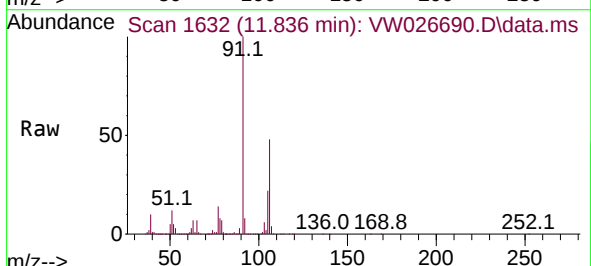
Acq: 10 Aug 2023 20:32

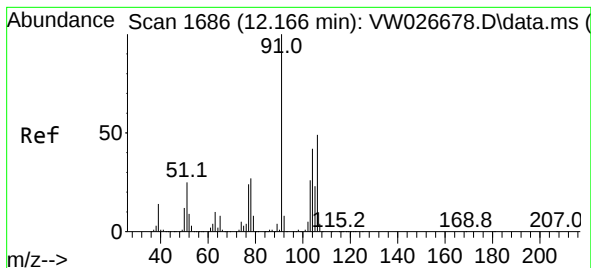
Tgt Ion:106 Resp: 339452

Ion Ratio Lower Upper

106 100

91 206.8 152.9 284.1

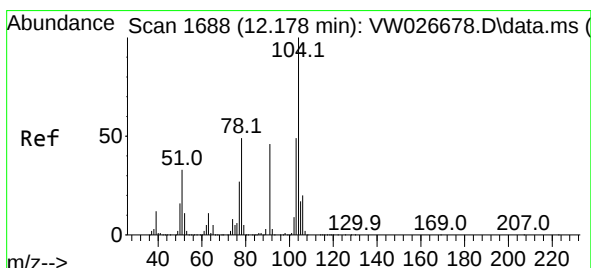
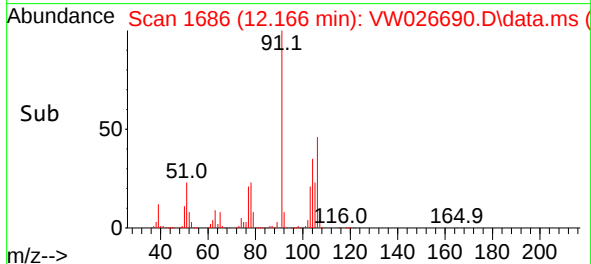
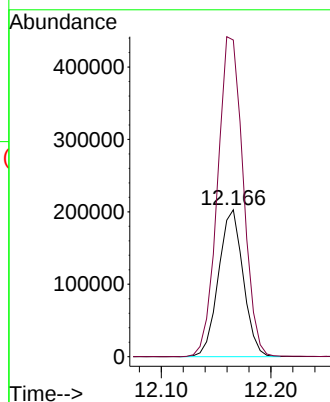
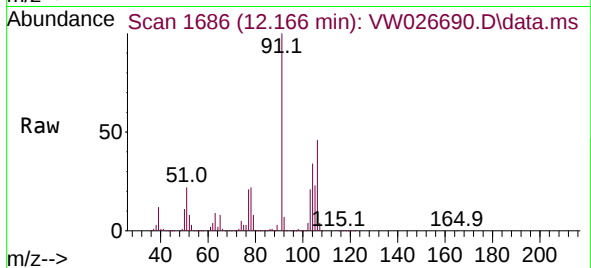




#54
o-Xylene
Concen: 21.134 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

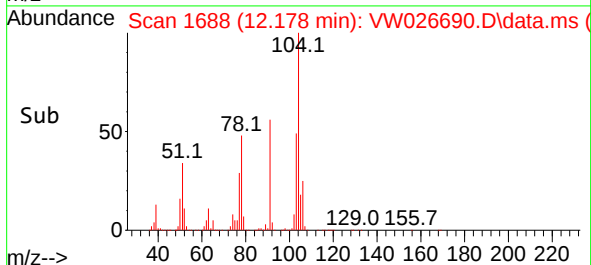
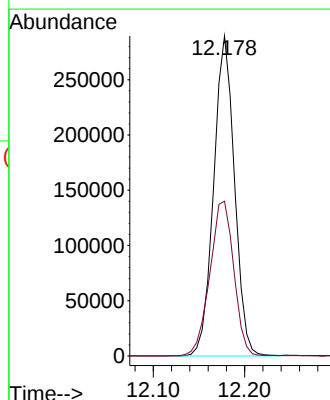
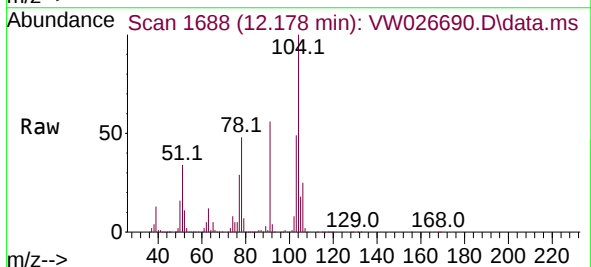
Instrument :
MSVOA_W
ClientSampleId :
A48K2MS

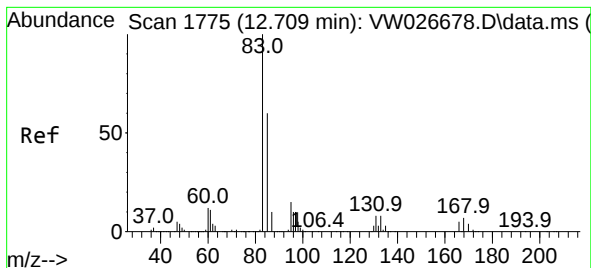
Tgt Ion:106 Resp: 317210
Ion Ratio Lower Upper
106 100
91 215.6 149.9 278.3



#55
Styrene
Concen: 17.586 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

Tgt Ion:104 Resp: 458971
Ion Ratio Lower Upper
104 100
78 48.3 33.0 61.2

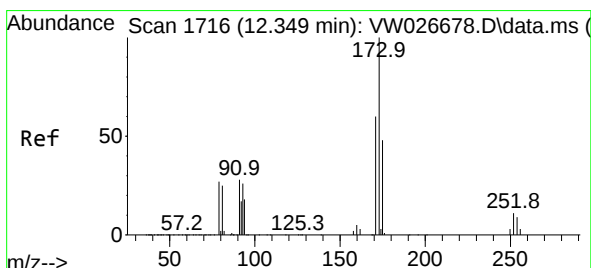
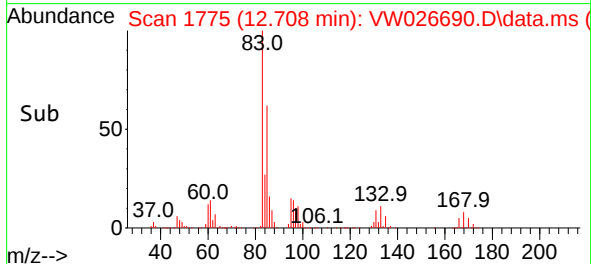
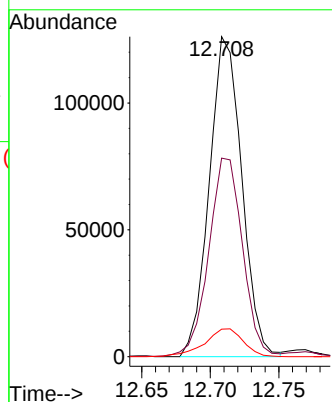
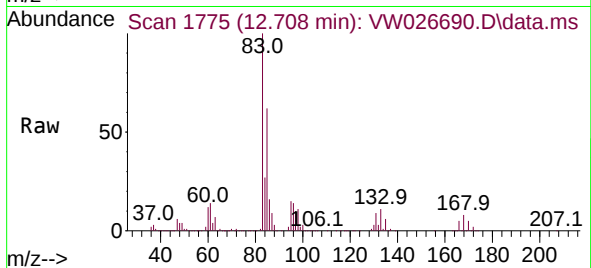




#57
1,1,2-Tetrachloroethane
Concen: 22.938 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

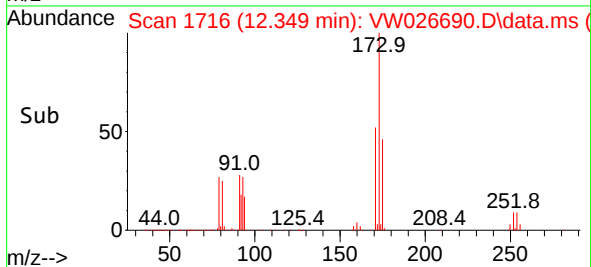
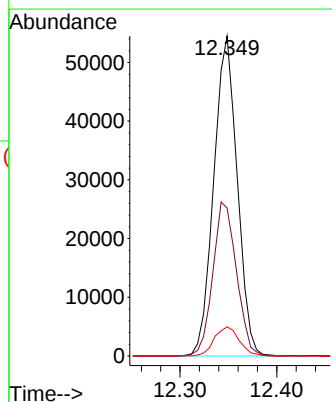
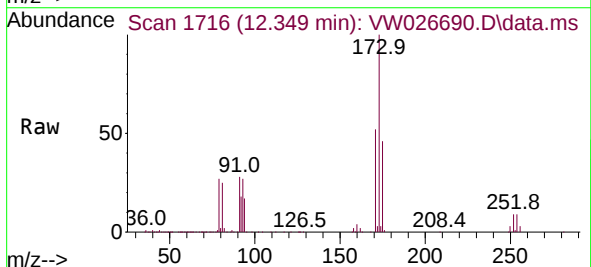
Instrument :
MSVOA_W
ClientSampleId :
A48K2MS

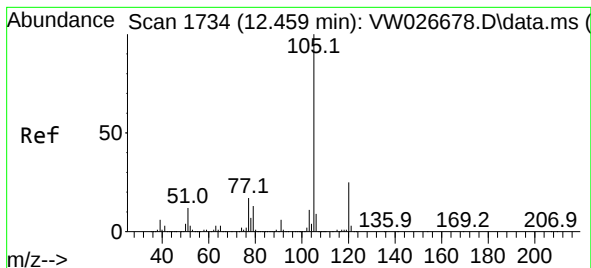
Tgt Ion: 83 Resp: 208249
Ion Ratio Lower Upper
83 100
85 62.1 44.9 83.3
131 8.6 7.4 11.0



#59
Bromoform
Concen: 35.801 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

Tgt Ion: 173 Resp: 91745
Ion Ratio Lower Upper
173 100
175 48.4 36.6 55.0
254 9.6 7.8 11.6





#60

Isopropylbenzene

Concen: 29.735 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Instrument :

MSVOA_W

ClientSampleId :

A48K2MS

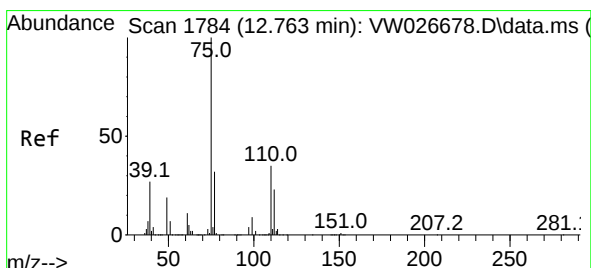
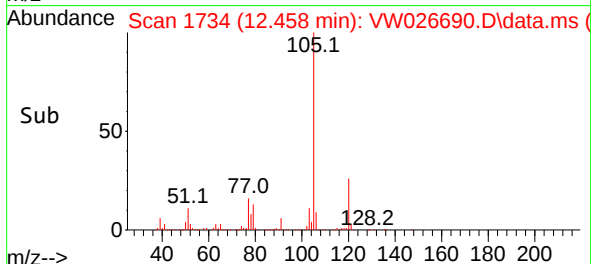
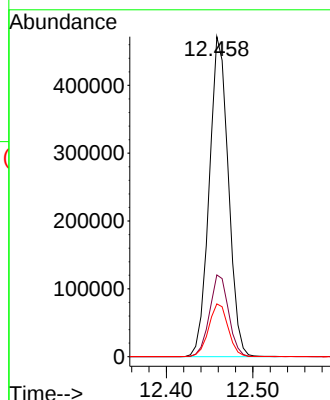
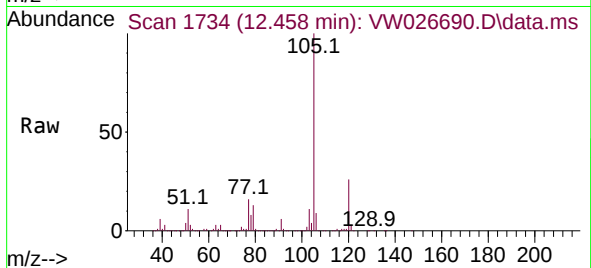
Tgt Ion:105 Resp: 723205

Ion Ratio Lower Upper

105 100

120 25.4 21.0 31.6

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 42.822 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

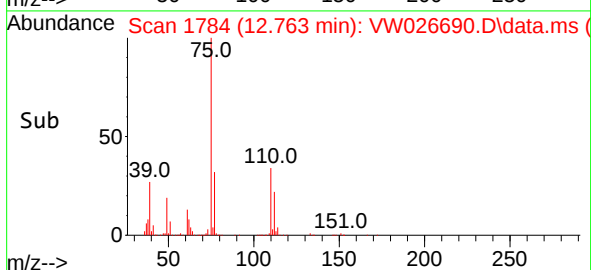
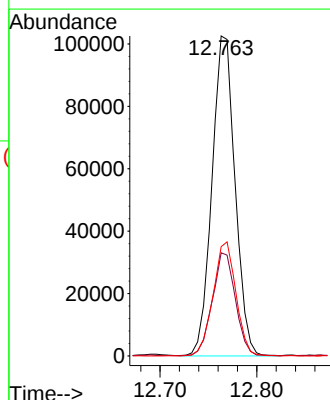
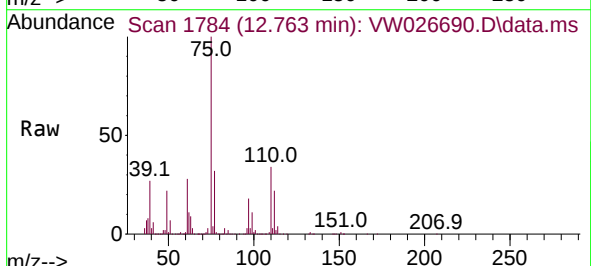
Tgt Ion: 75 Resp: 169927

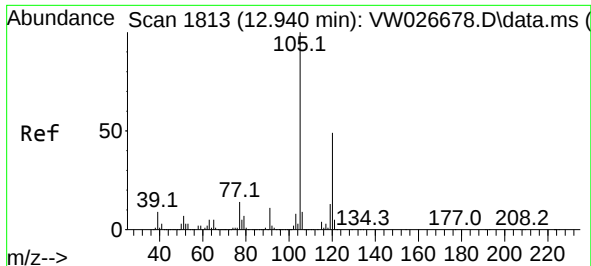
Ion Ratio Lower Upper

75 100

77 32.1 26.1 39.1

110 35.3 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 25.669 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Instrument :

MSVOA_W

ClientSampleId :

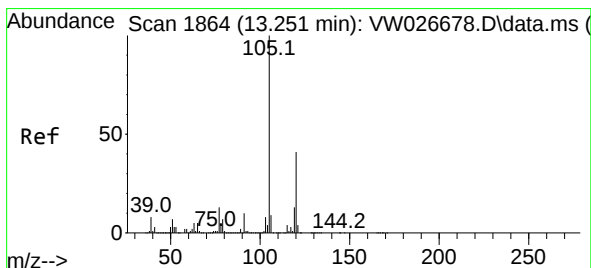
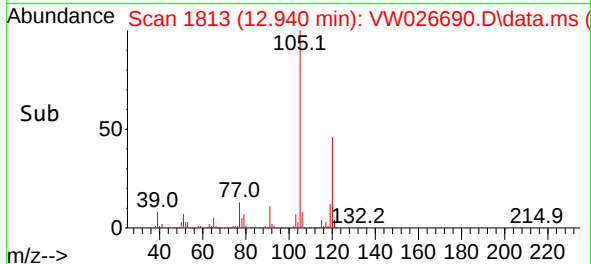
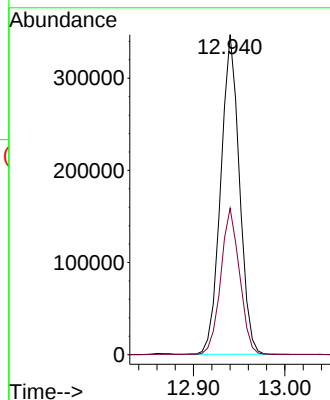
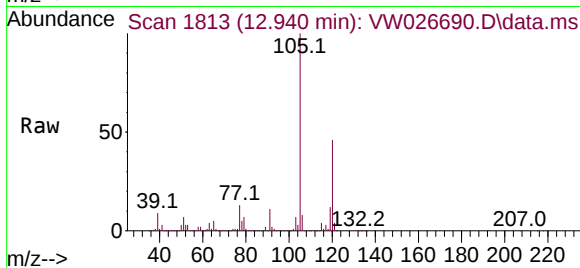
A48K2MS

Tgt Ion:105 Resp: 493461

Ion Ratio Lower Upper

105 100

120 46.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.243 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.006 min

Lab File: VW026690.D

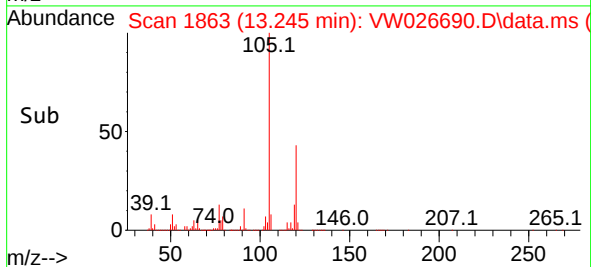
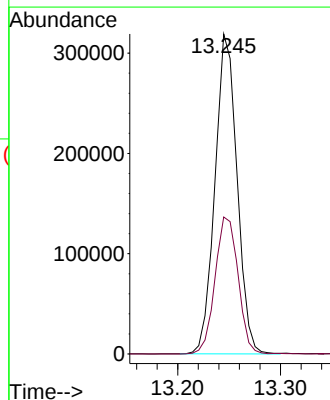
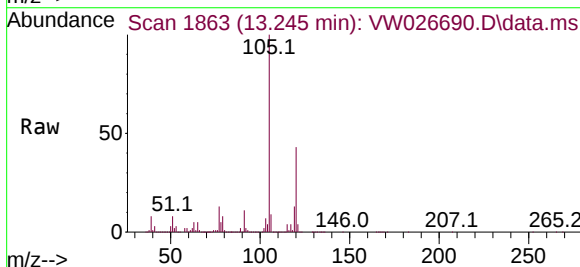
Acq: 10 Aug 2023 20:32

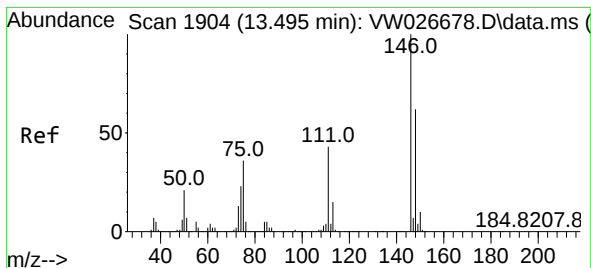
Tgt Ion:105 Resp: 475538

Ion Ratio Lower Upper

105 100

120 44.6 36.2 54.4

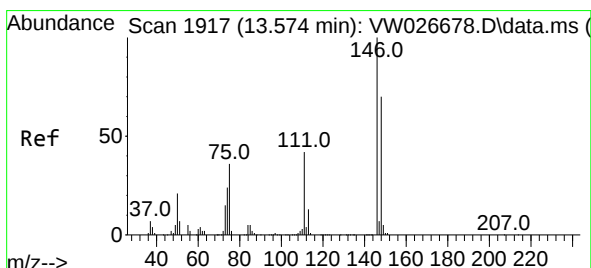
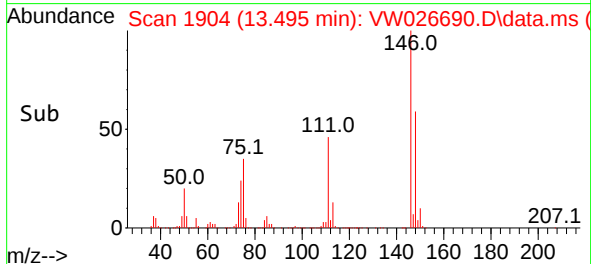
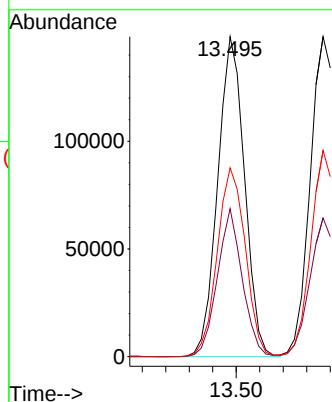
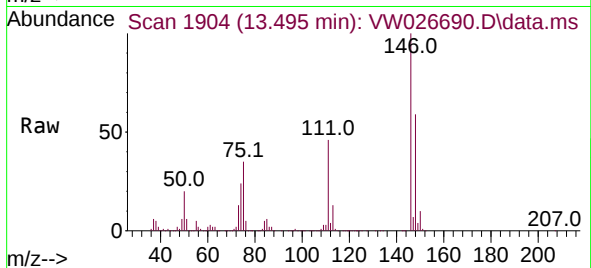




#64
1,3-Dichlorobenzene
Concen: 22.287 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

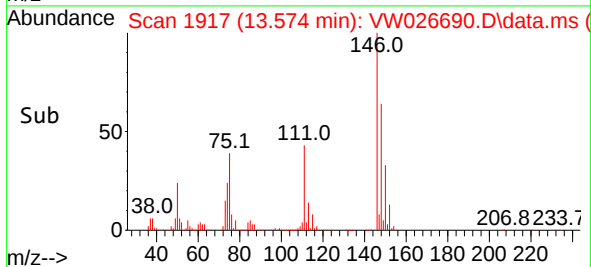
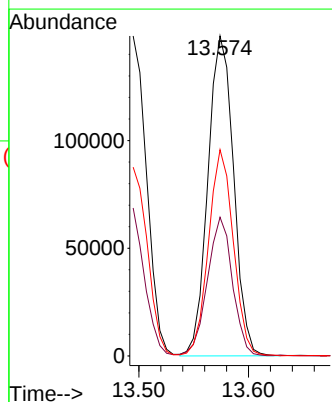
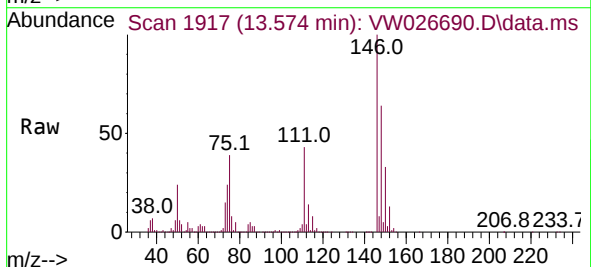
Instrument :
MSVOA_W
ClientSampleId :
A48K2MS

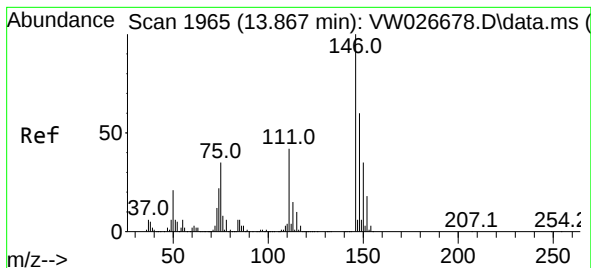
Tgt Ion:146 Resp: 235745
Ion Ratio Lower Upper
146 100
111 46.2 29.1 54.1
148 59.0 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 21.963 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

Tgt Ion:146 Resp: 242440
Ion Ratio Lower Upper
146 100
111 43.3 28.3 52.7
148 64.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 21.589 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Instrument :

MSVOA_W

ClientSampleId :

A48K2MS

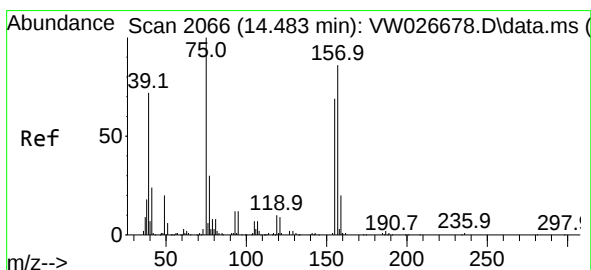
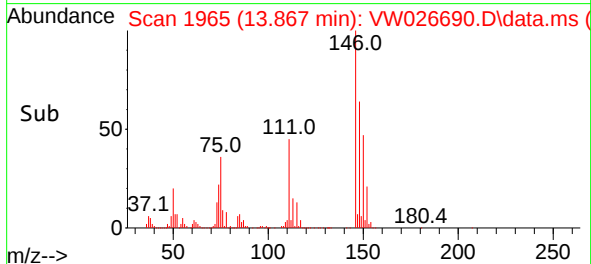
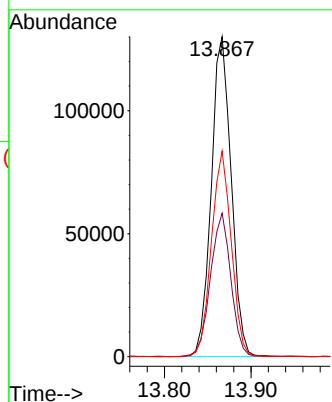
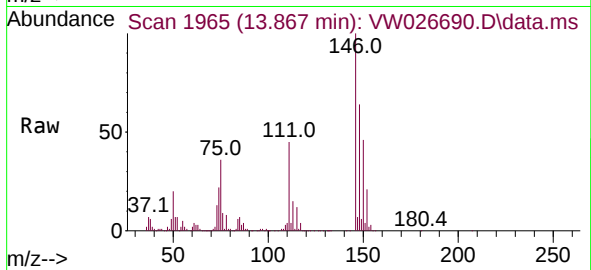
Tgt Ion:146 Resp: 207661

Ion Ratio Lower Upper

146 100

111 44.9 34.6 52.0

148 64.3 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 31.556 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

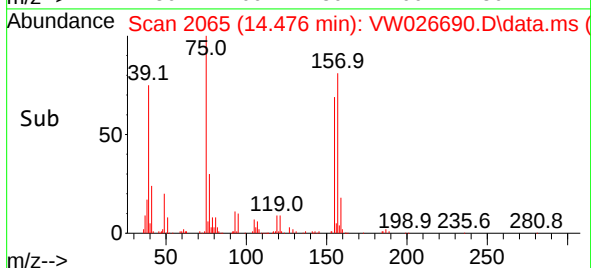
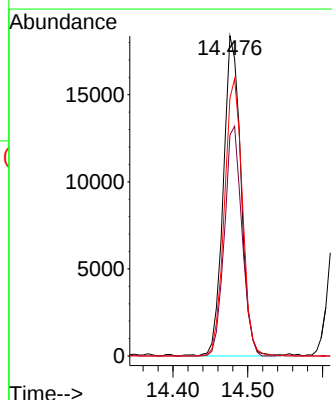
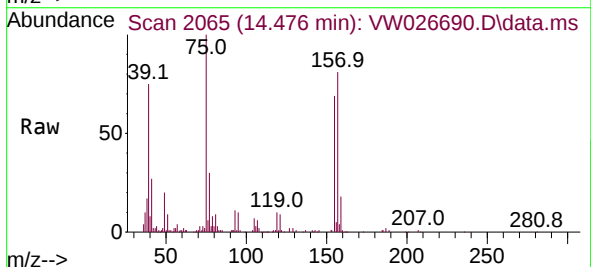
Tgt Ion: 75 Resp: 30188

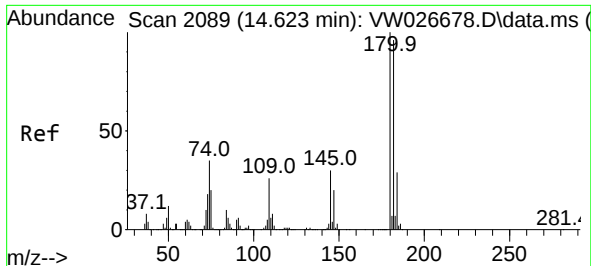
Ion Ratio Lower Upper

75 100

155 69.0 55.0 82.6

157 80.6 77.8 116.6

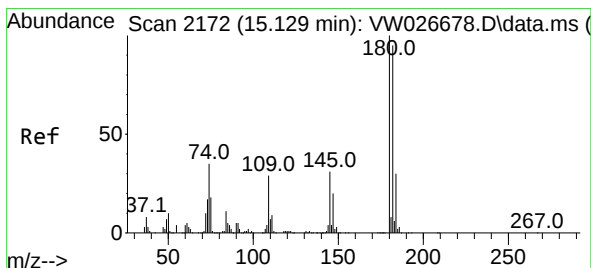
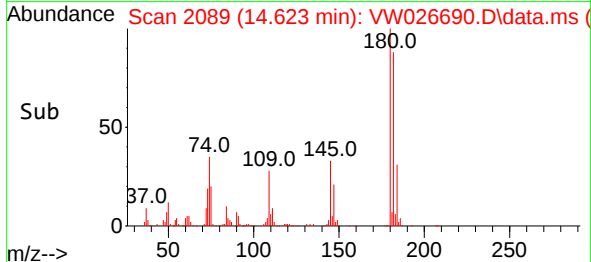
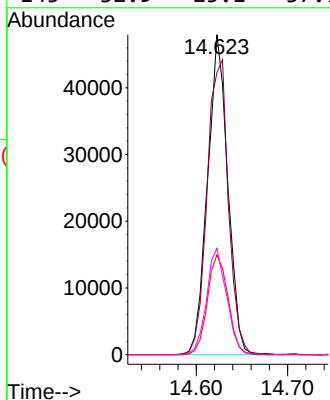
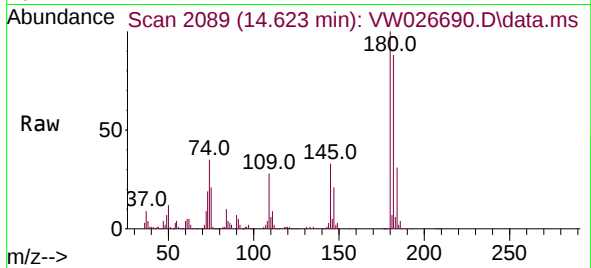




#69
1,3,5-Trichlorobenzene
Concen: 10.327 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

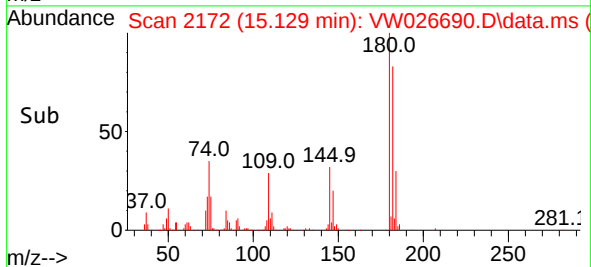
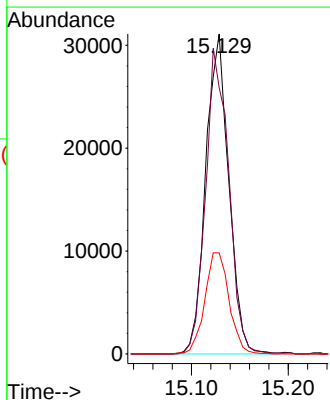
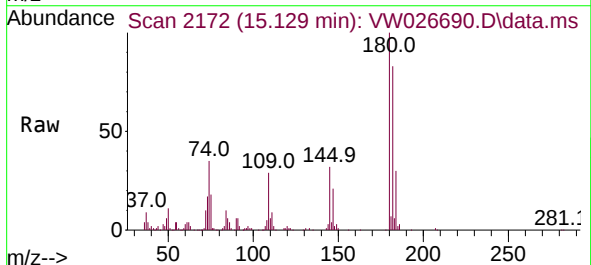
Instrument :
MSVOA_W
ClientSampleId :
A48K2MS

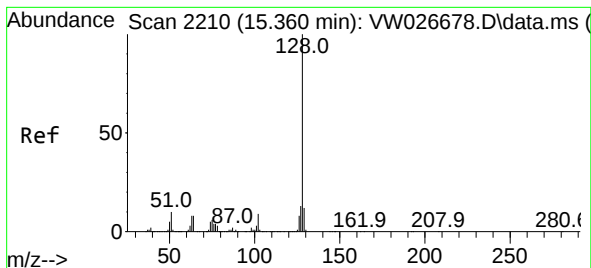
Tgt Ion:180	Resp:	73800
Ion Ratio	Lower	Upper
180	100	
182	96.7	75.2 112.8
184	31.6	23.8 35.8
145	32.9	25.1 37.7



#70
1,2,4-trichlorobenzene
Concen: 8.500 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026690.D
Acq: 10 Aug 2023 20:32

Tgt Ion:180	Resp:	51503
Ion Ratio	Lower	Upper
180	100	
182	96.1	72.5 108.7
145	33.4	24.7 37.1





#71

Naphthalene

Concen: 11.396 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Instrument :

MSVOA_W

ClientSampleId :

A48K2MS

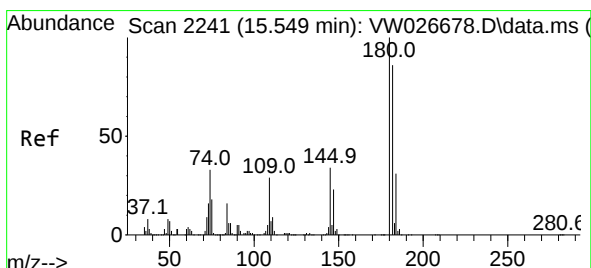
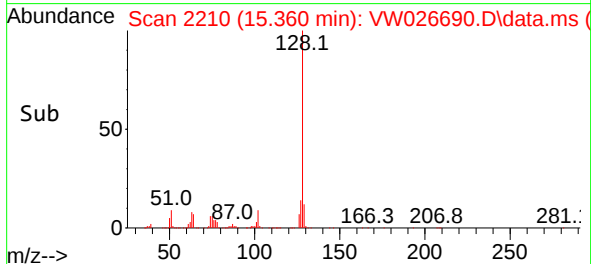
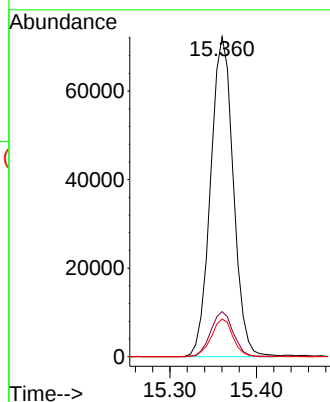
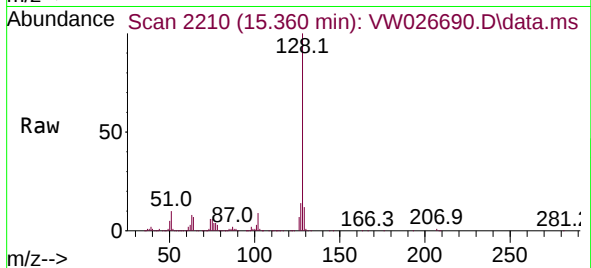
Tgt Ion:128 Resp: 131715

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.2 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 7.596 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026690.D

Acq: 10 Aug 2023 20:32

Tgt Ion:180 Resp: 41510

Ion Ratio Lower Upper

180 100

182 91.6 74.6 112.0

145 33.7 27.0 40.6

