

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100523\
 Data File : VW027247.D
 Acq On : 05 Oct 2023 19:42
 Operator : SY/MD
 Sample : 04747-11MS
 Misc : 5.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E05J6MS

Quant Time: Oct 06 01:27:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1030133	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	982734	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	519324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	345471	21.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.360%
7) Chloroethane-d5	2.893	69	288350	22.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.160%
11) 1,1-Dichloroethene-d2	4.021	65	140523	20.897	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.600%
21) 2-Butanone-d5	7.081	46	194535	58.141	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.280%
24) Chloroform-d	7.648	84	696095	23.089	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	8.307	65	350578	24.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.040%
32) Benzene-d6	8.276	84	1399075	23.230	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.920%
36) 1,2-Dichloropropane-d6	9.276	67	443489	24.596	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	10.325	98	1233239	23.204	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	10.575	79	173293	24.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.960%
47) 2-Hexanone-d5	10.922	63	177655	64.408	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	402105	29.139	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	404138	23.210	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	240715	17.983	ug/L	# 89
3) Chloromethane	2.228	50	370131	20.485	ug/L	99
5) Vinyl chloride	2.381	62	395847	20.066	ug/L	99
6) Bromomethane	2.783	94	245951	18.924	ug/L	100
8) Chloroethane	2.930	64	246728	20.608	ug/L	99
9) Trichlorofluoromethane	3.271	101	284133	17.138	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	292079	17.509	ug/L	98
12) 1,1-Dichloroethene	4.045	96	299233	18.776	ug/L	86
13) Acetone	4.125	43	199137	48.164	ug/L	98
14) Carbon disulfide	4.393	76	921634	17.230	ug/L	99
15) Methyl Acetate	4.673	43	164926	23.799	ug/L	96
16) Methylene chloride	4.923	84	395679	19.621	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	323800	18.883	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	454296	21.171	ug/L	99
19) 1,1-Dichloroethane	6.222	63	646914	20.230	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	361711	19.789	ug/L	95
22) 2-Butanone	7.173	43	254159	49.704	ug/L	98
23) Bromochloromethane	7.514	128	168879	20.248	ug/L	99
25) Chloroform	7.673	83	629186	20.173	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100523\
 Data File : VW027247.D
 Acq On : 05 Oct 2023 19:42
 Operator : SY/MD
 Sample : 04747-11MS
 Misc : 5.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E05J6MS

Quant Time: Oct 06 01:27:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

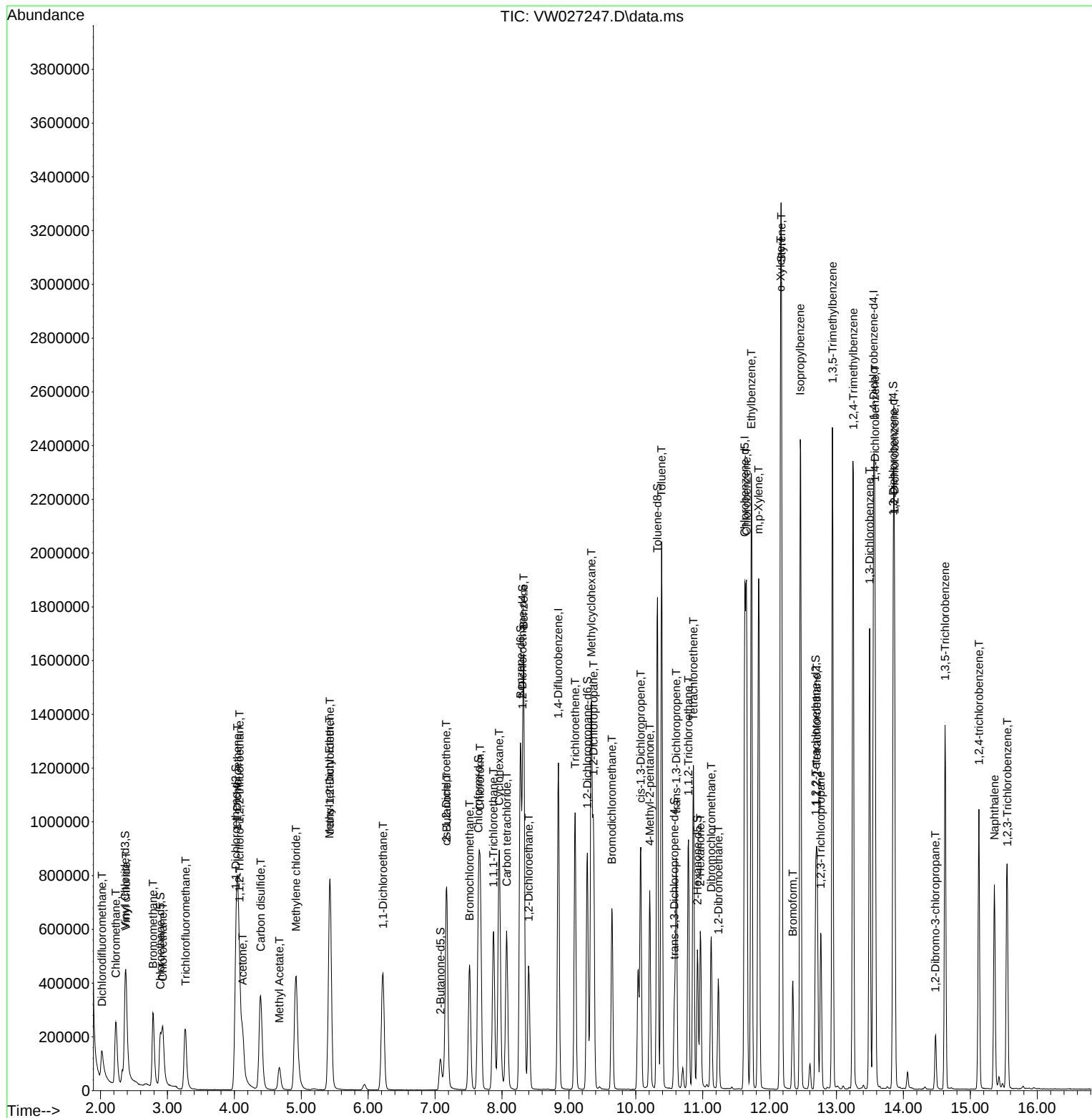
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	405950	21.247	ug/L	100
29) Cyclohexane	7.959	56	527122	20.161	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	488483	19.996	ug/L	98
31) Carbon tetrachloride	8.069	117	444401	19.260	ug/L	100
33) Benzene	8.325	78	1441256	20.750	ug/L	100
34) Trichloroethene	9.093	95	352907	19.456	ug/L	94
35) Methylcyclohexane	9.337	83	586054	19.210	ug/L	97
37) 1,2-Dichloropropane	9.367	63	387365	21.644	ug/L	98
38) Bromodichloromethane	9.642	83	458322	21.322	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	562903	21.346	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	466592	53.738	ug/L	99
42) Toluene	10.386	91	1497967	21.000	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	475853	22.018	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	301338	23.266	ug/L	95
46) Tetrachloroethene	10.861	164	270782	18.991	ug/L	96
48) 2-Hexanone	10.965	43	362296	53.225	ug/L	100
49) Dibromochloromethane	11.129	129	305054	21.717	ug/L	95
50) 1,2-Dibromoethane	11.233	107	277190	23.064	ug/L	98
51) Chlorobenzene	11.654	112	956136	20.199	ug/L	99
52) Ethylbenzene	11.727	91	1648653	20.574	ug/L	100
53) m,p-Xylene	11.837	106	632399	20.581	ug/L	92
54) o-Xylene	12.166	106	591764	20.616	ug/L	98
55) Styrene	12.178	104	1059058	21.434	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	379176	24.407	ug/L	99
59) Bromoform	12.349	173	185045	22.565	ug/L	99
60) Isopropylbenzene	12.458	105	1587200	20.755	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	258983	24.358	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1246330	20.787	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	1241268	21.126	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	689051	19.523	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	669890	18.891	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	629117	20.336	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	53591	23.531	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	419147	18.442	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	322254	17.972	ug/L	96
71) Naphthalene	15.360	128	636646	20.124	ug/L	99
72) 1,2,3-Trichlorobenzene	15.555	180	297090	18.665	ug/L	99

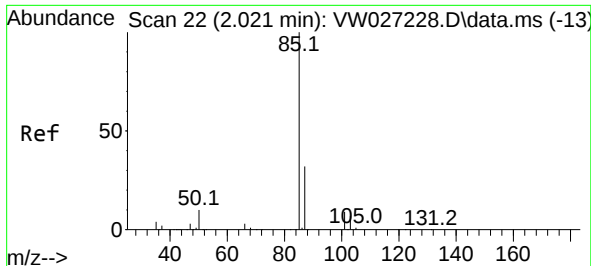
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100523\
 Data File : VW027247.D
 Acq On : 05 Oct 2023 19:42
 Operator : SY/MD
 Sample : 04747-11MS
 Misc : 5.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E05J6MS

Quant Time: Oct 06 01:27:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

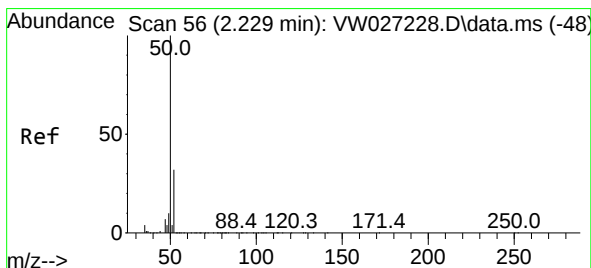
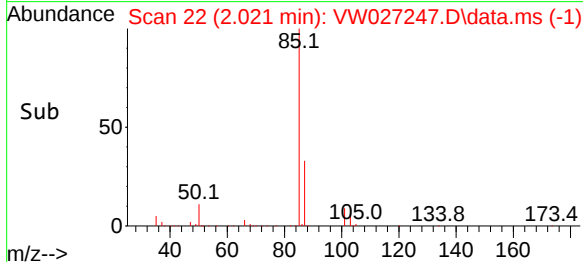
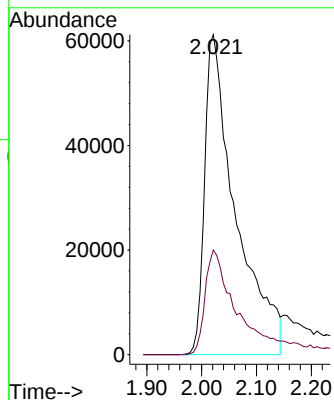
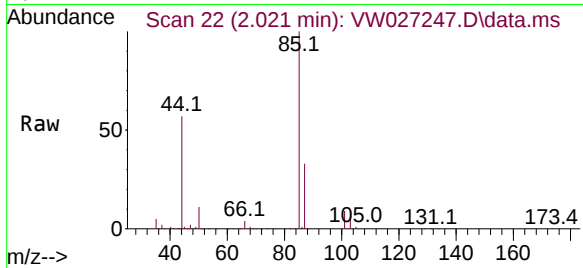




#2
 Dichlorodifluoromethane
 Concen: 17.983 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027247.D
 Acq: 05 Oct 2023 19:42

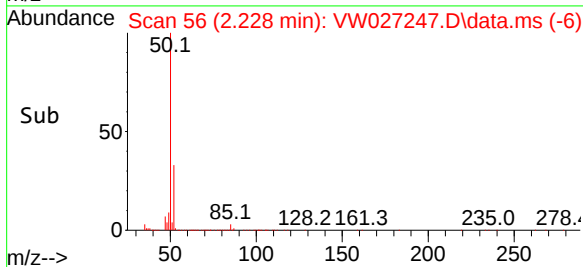
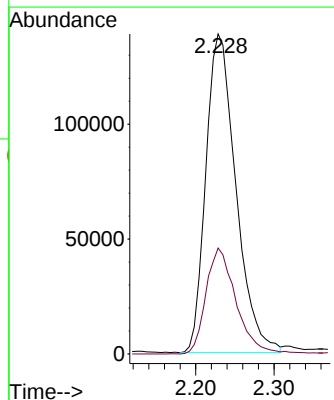
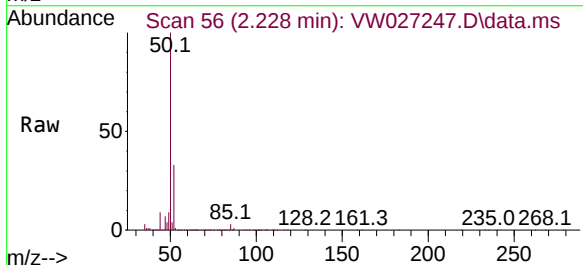
Instrument :
 MSVOA_W
 ClientSampleId :
 E05J6MS

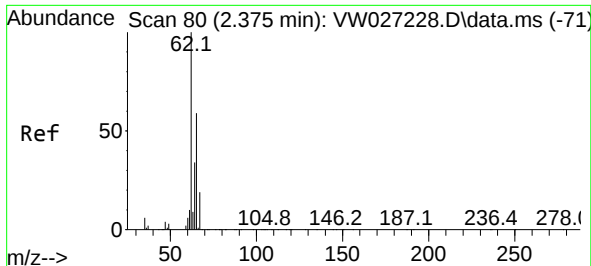
Tgt Ion: 85 Resp: 240715
 Ion Ratio Lower Upper
 85 100
 87 33.6 22.1 33.1#



#3
 Chloromethane
 Concen: 20.485 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027247.D
 Acq: 05 Oct 2023 19:42

Tgt Ion: 50 Resp: 370131
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.5 43.7

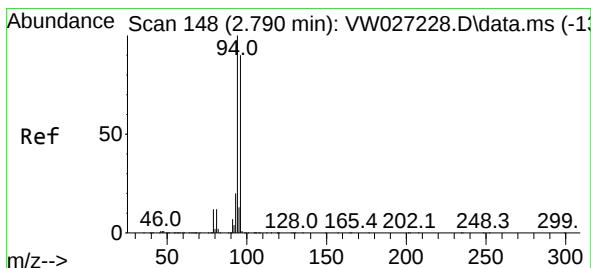
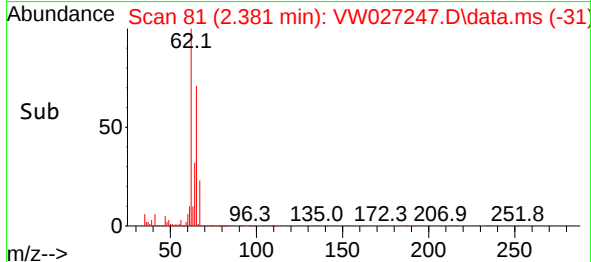
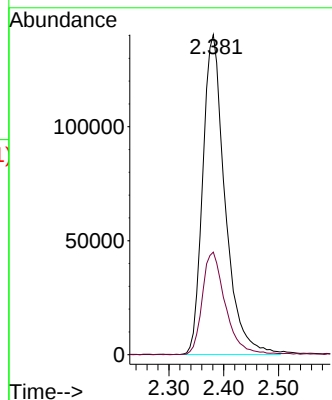
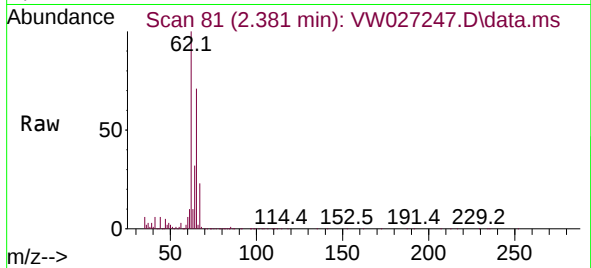




#5
 Vinyl chloride
 Concen: 20.066 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027247.D
 Acq: 05 Oct 2023 19:42

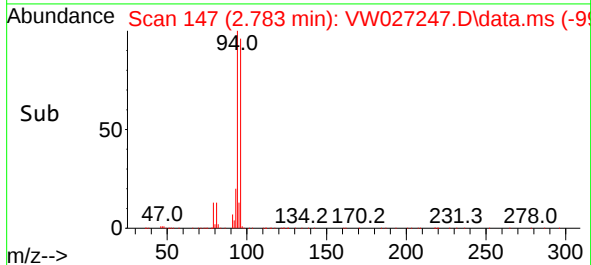
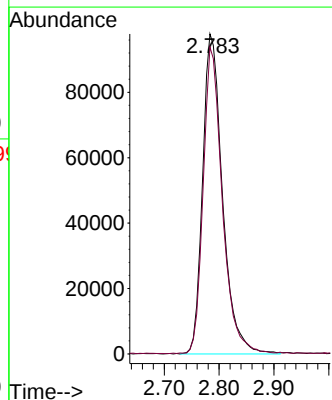
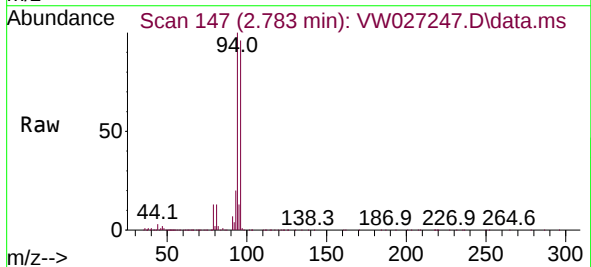
Instrument :
 MSVOA_W
 ClientSampleId :
 E05J6MS

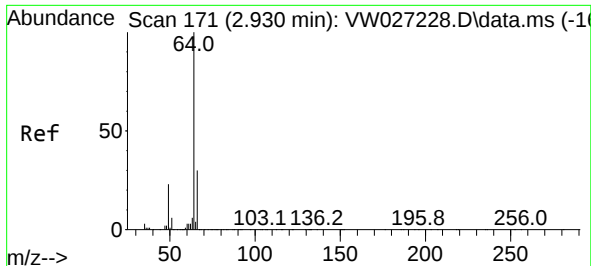
Tgt Ion: 62 Resp: 395847
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.2 41.2



#6
 Bromomethane
 Concen: 18.924 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW027247.D
 Acq: 05 Oct 2023 19:42

Tgt Ion: 94 Resp: 245951
 Ion Ratio Lower Upper
 94 100
 96 95.9 66.8 124.0

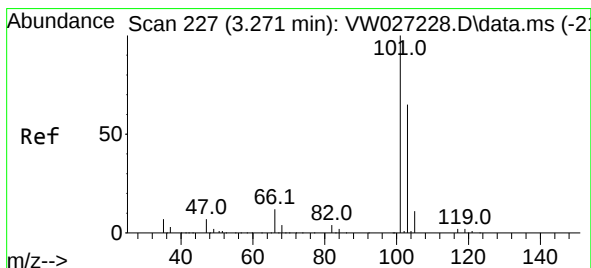
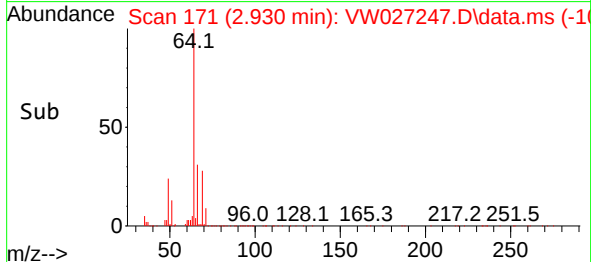
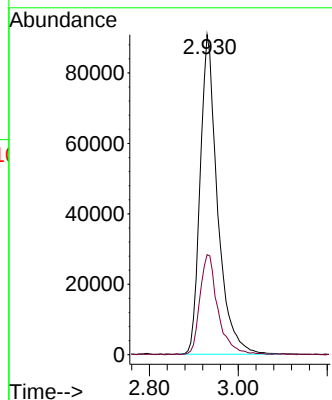
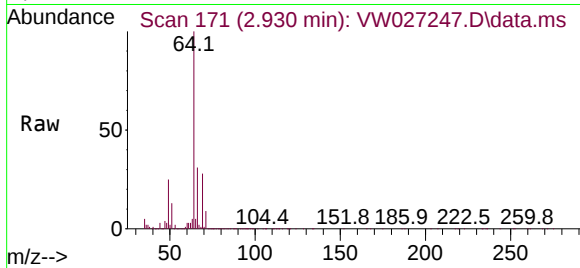




#8
Chloroethane
Concen: 20.608 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

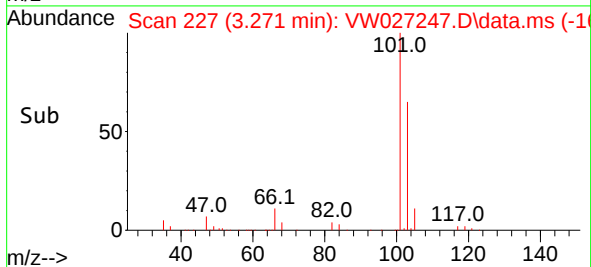
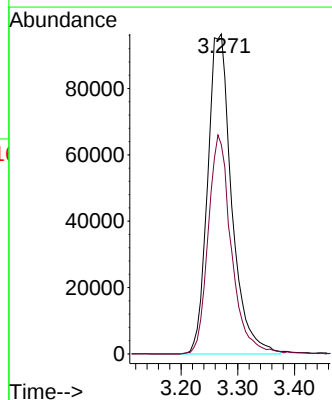
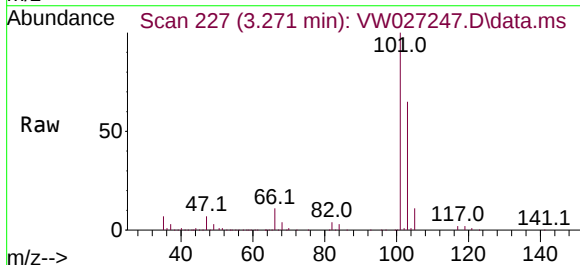
Instrument :
MSVOA_W
ClientSampleId :
E05J6MS

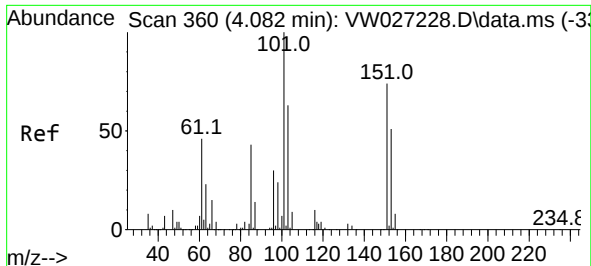
Tgt Ion: 64 Resp: 246728
Ion Ratio Lower Upper
64 100
66 31.2 21.5 39.9



#9
Trichlorofluoromethane
Concen: 17.138 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Tgt Ion: 101 Resp: 284133
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0

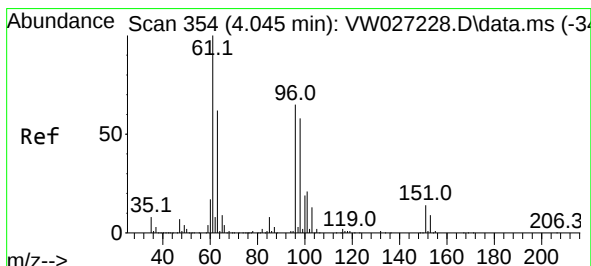
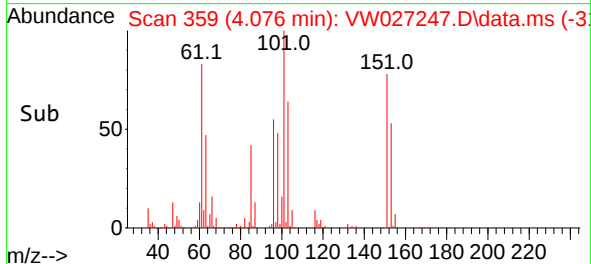
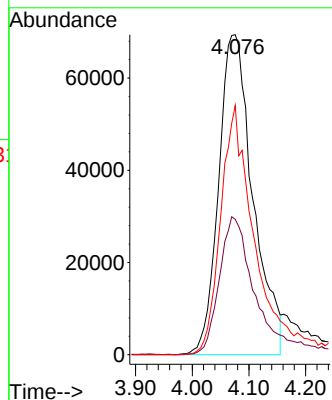
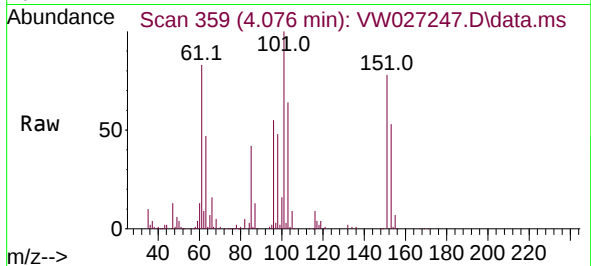




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 17.509 ug/L
RT: 4.076 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

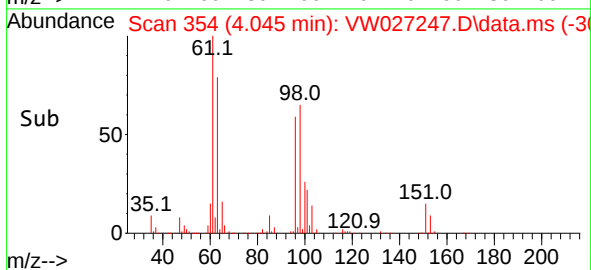
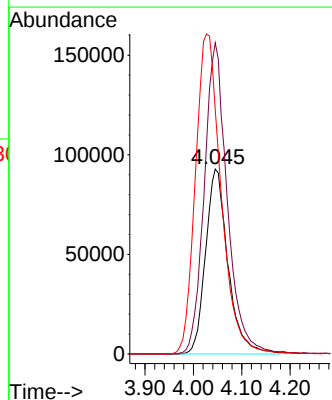
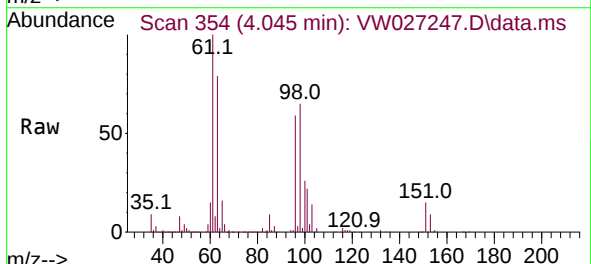
Instrument :
MSVOA_W
ClientSampleId :
E05J6MS

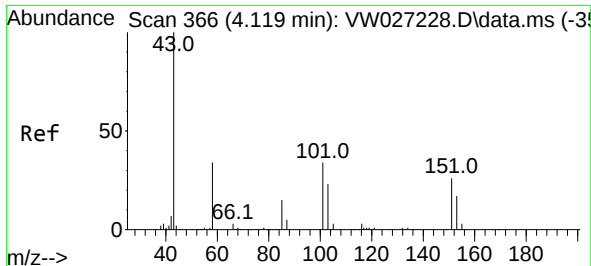
Tgt Ion:101 Resp: 292079
Ion Ratio Lower Upper
101 100
85 43.4 33.1 49.7
151 74.4 58.6 87.8



#12
1,1-Dichloroethene
Concen: 18.776 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Tgt Ion: 96 Resp: 299233
Ion Ratio Lower Upper
96 100
61 168.3 109.8 204.0
63 132.1 76.9 142.7

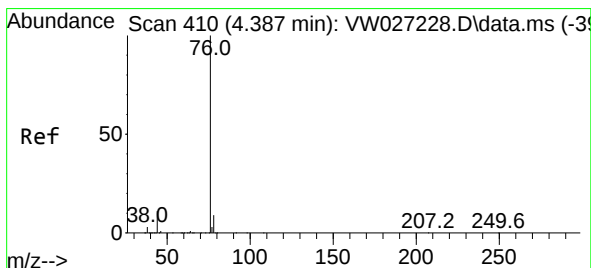
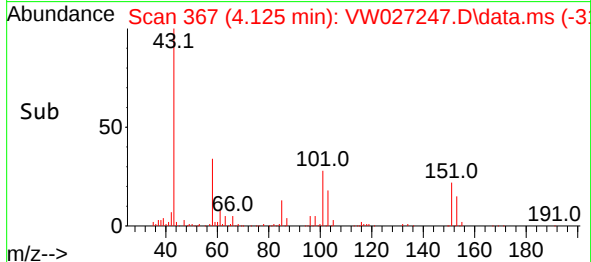
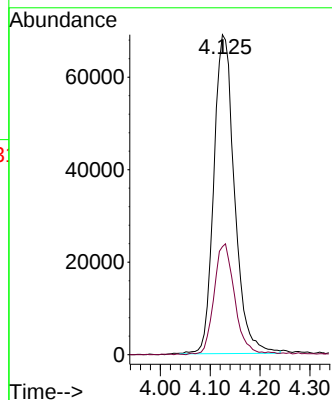
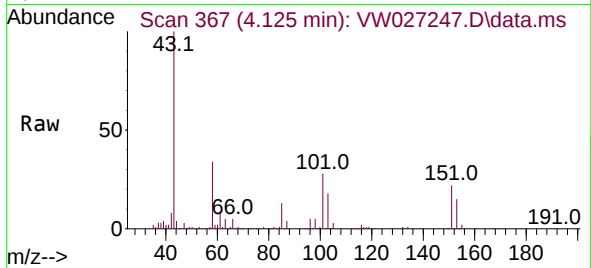




#13
Acetone
Concen: 48.164 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

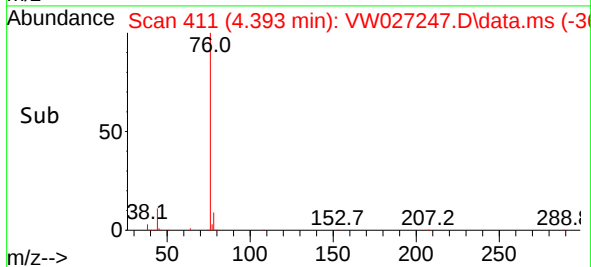
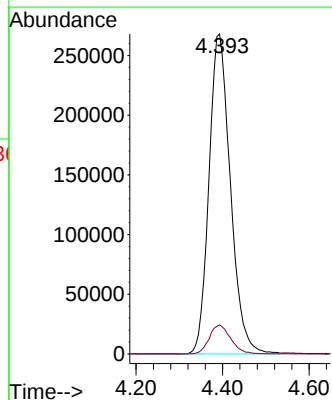
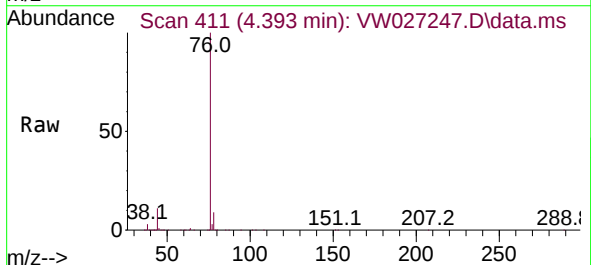
Instrument :
MSVOA_W
ClientSampleId :
E05J6MS

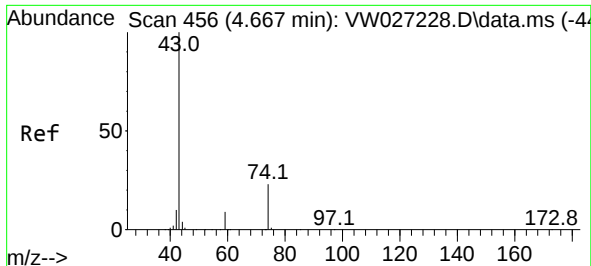
Tgt Ion: 43 Resp: 199137
Ion Ratio Lower Upper
43 100
58 33.9 0.0 70.4



#14
Carbon disulfide
Concen: 17.230 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Tgt Ion: 76 Resp: 921634
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

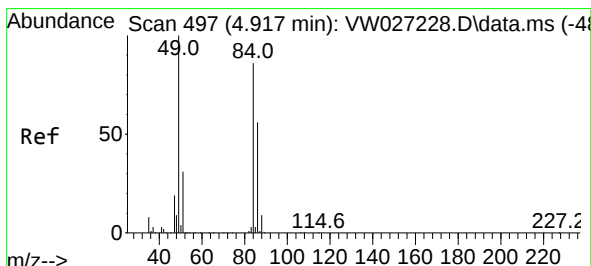
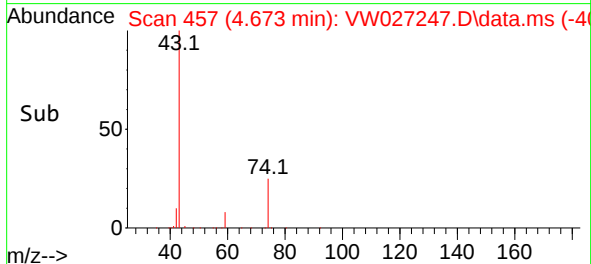
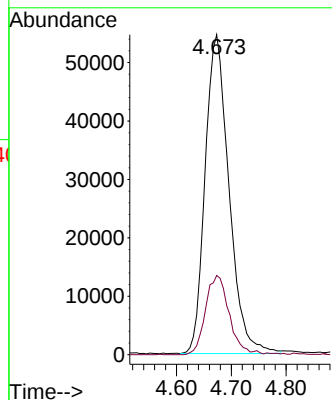
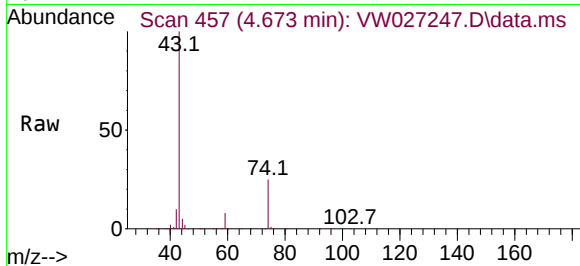




#15
Methyl Acetate
Concen: 23.799 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

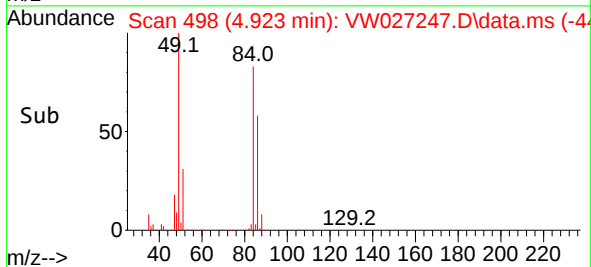
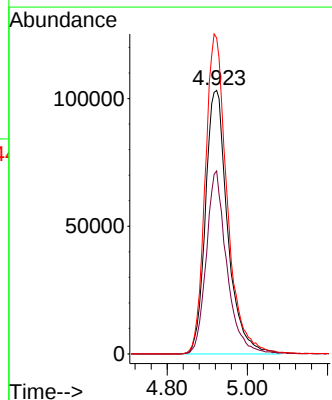
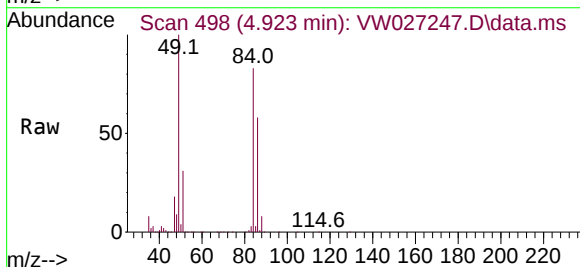
Instrument :
MSVOA_W
ClientSampleId :
E05J6MS

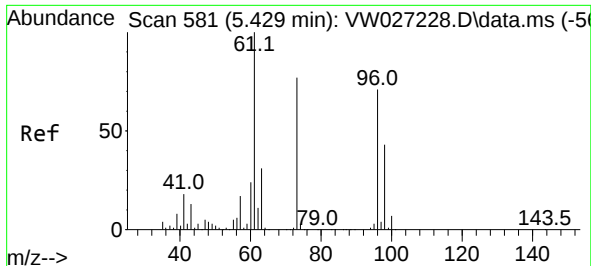
Tgt Ion: 43 Resp: 164926
Ion Ratio Lower Upper
43 100
74 24.2 20.8 31.2



#16
Methylene chloride
Concen: 19.621 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Tgt Ion: 84 Resp: 395679
Ion Ratio Lower Upper
84 100
86 69.4 45.1 83.9
49 119.9 80.9 150.3

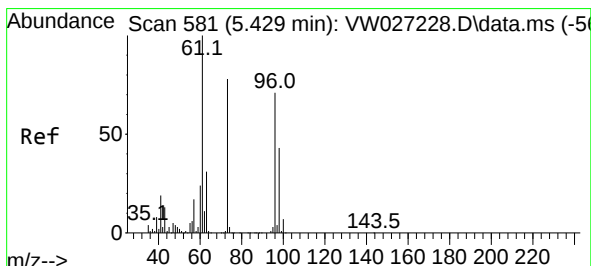
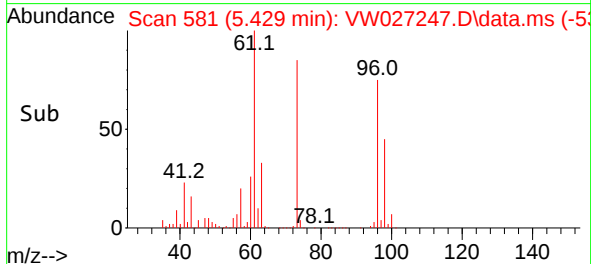
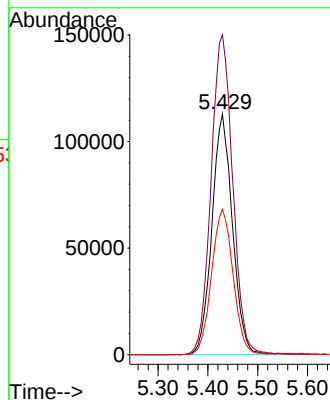
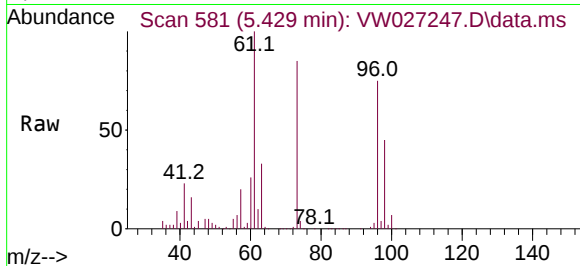




#17
trans-1,2-Dichloroethene
Concen: 18.883 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

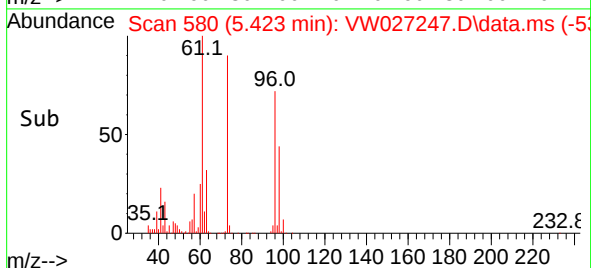
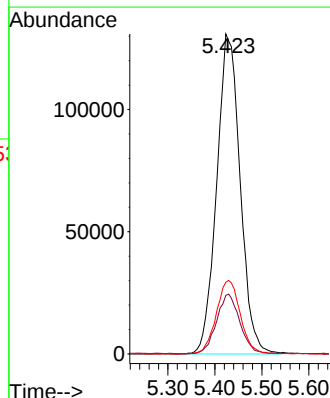
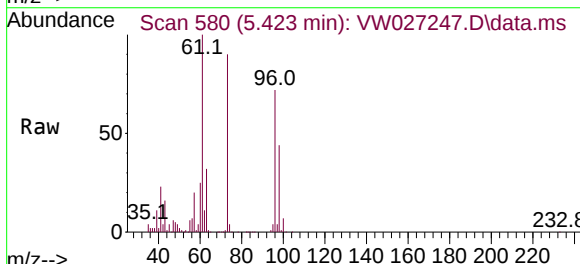
Instrument :
MSVOA_W
ClientSampleId :
E05J6MS

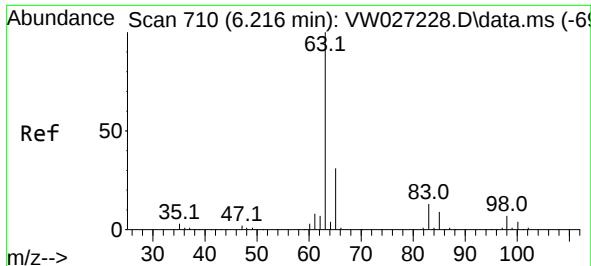
Tgt Ion: 96 Resp: 323800
Ion Ratio Lower Upper
96 100
61 132.9 93.5 173.7
98 60.3 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 21.171 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Tgt Ion: 73 Resp: 454296
Ion Ratio Lower Upper
73 100
43 18.4 14.2 21.2
57 23.4 18.3 27.5





#19

1,1-Dichloroethane

Concen: 20.230 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

E05J6MS

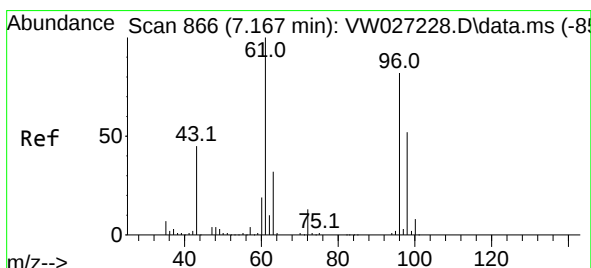
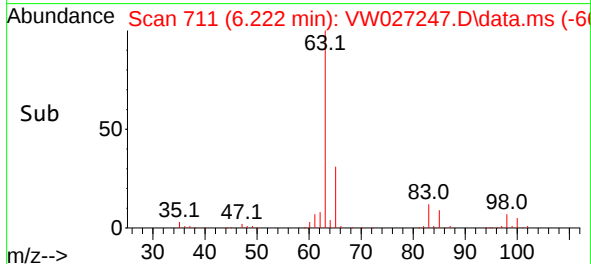
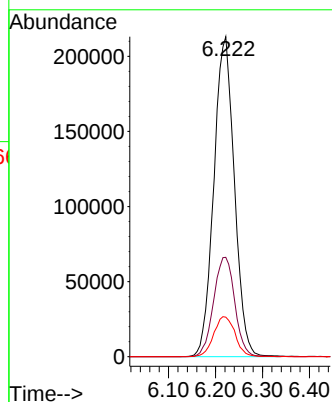
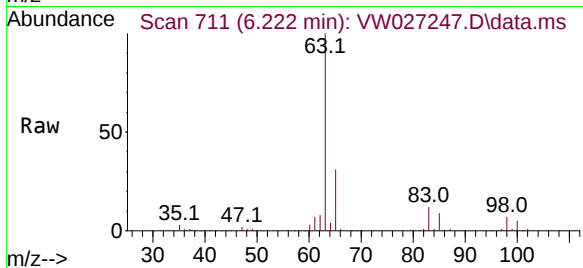
Tgt Ion: 63 Resp: 646914

Ion Ratio Lower Upper

63 100

65 31.1 22.5 41.9

83 12.4 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 19.789 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

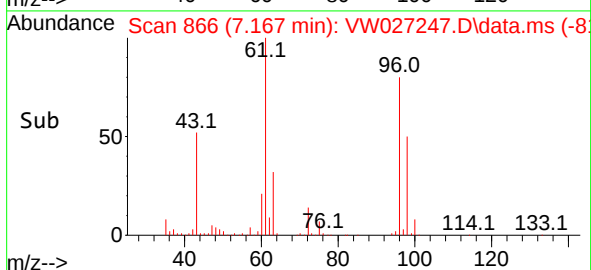
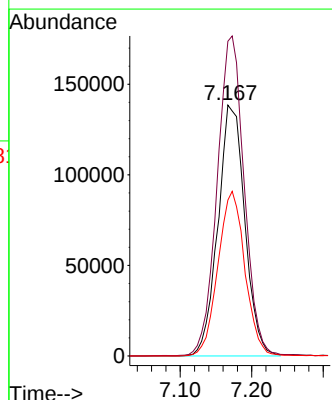
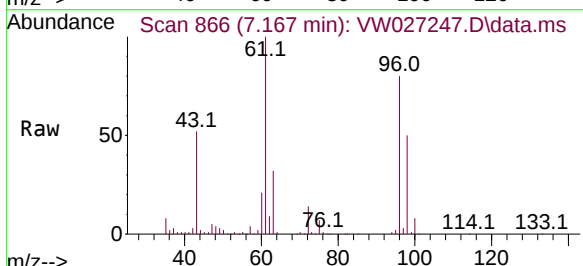
Tgt Ion: 96 Resp: 361711

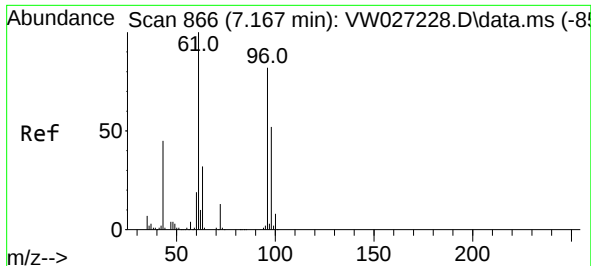
Ion Ratio Lower Upper

96 100

61 125.4 82.7 153.5

98 62.1 43.0 80.0

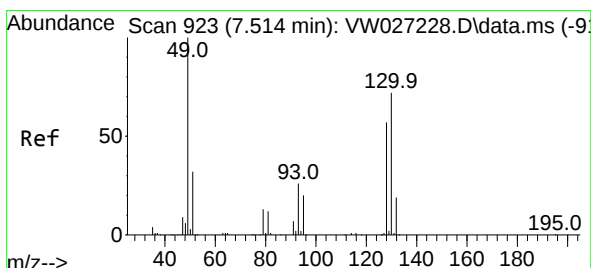
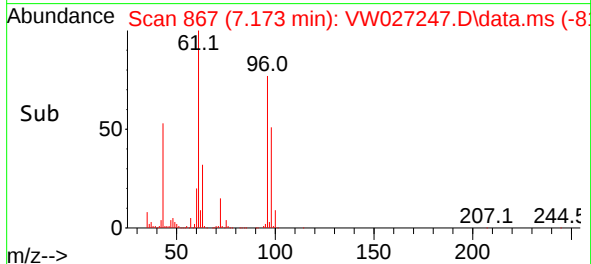
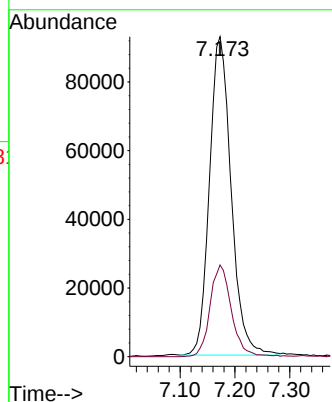
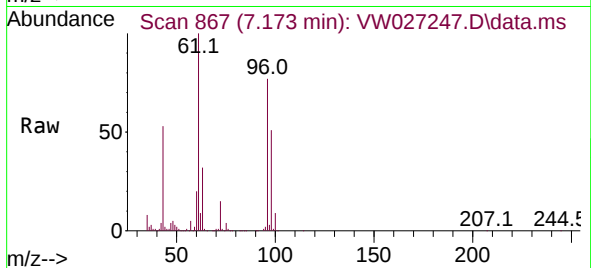




#22
2-Butanone
Concen: 49.704 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

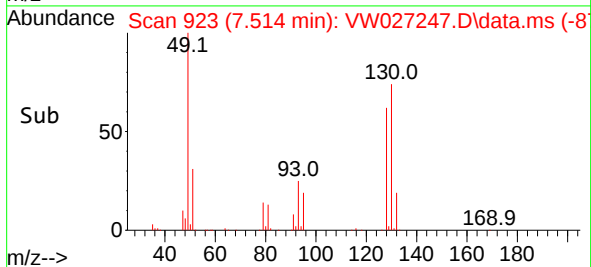
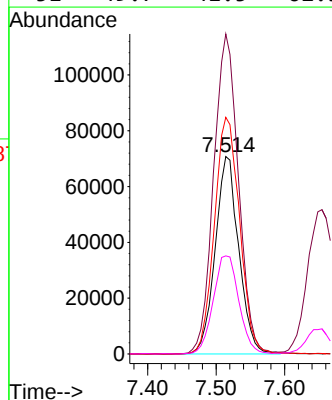
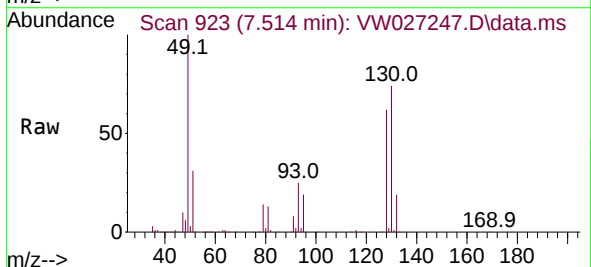
Instrument :
MSVOA_W
ClientSampleId :
E05J6MS

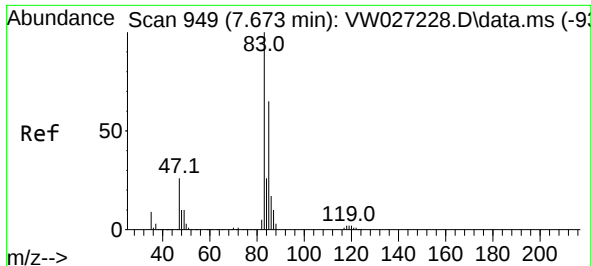
Tgt Ion: 43 Resp: 254159
Ion Ratio Lower Upper
43 100
72 28.3 14.6 44.0



#23
Bromochloromethane
Concen: 20.248 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Tgt Ion: 128 Resp: 168879
Ion Ratio Lower Upper
128 100
49 162.1 112.1 208.1
130 119.9 83.9 155.7
51 49.7 41.5 62.3

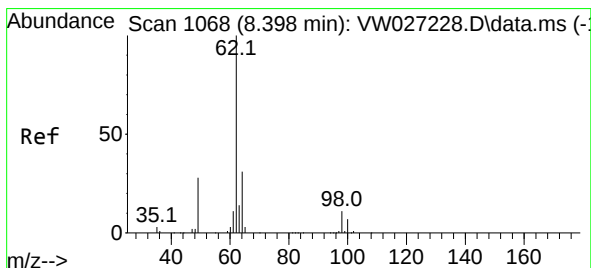
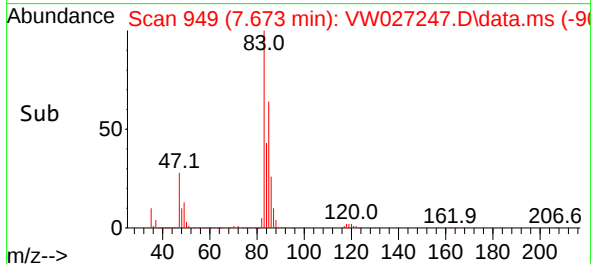
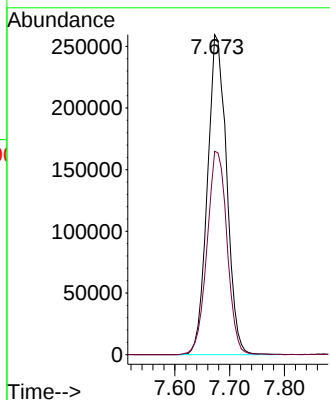
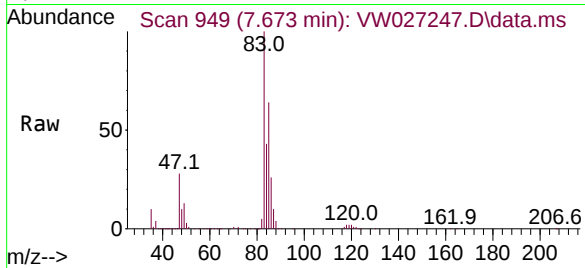




#25
Chloroform
Concen: 20.173 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

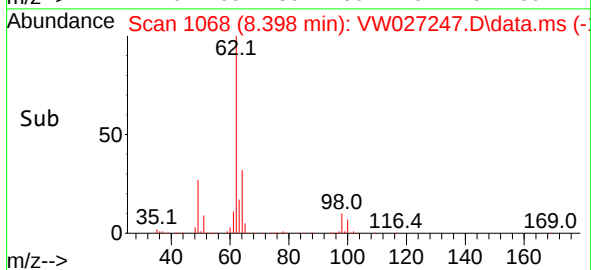
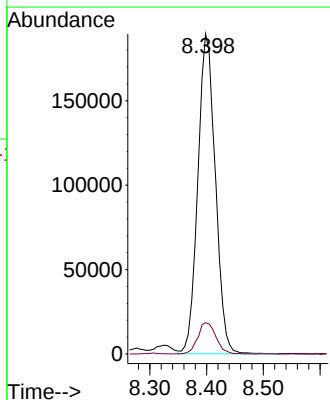
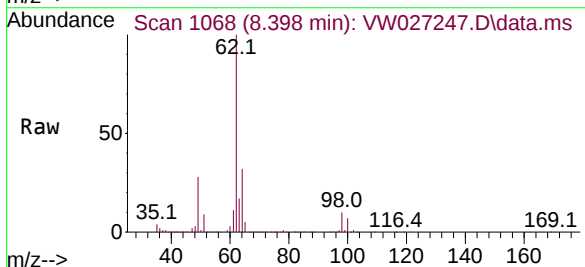
Instrument :
MSVOA_W
ClientSampleId :
E05J6MS

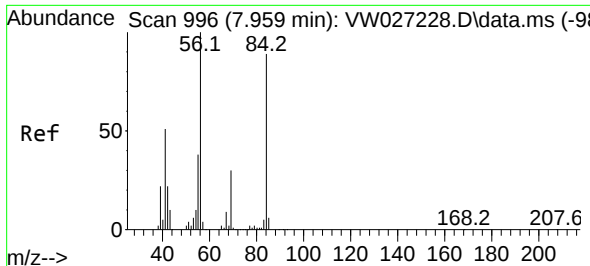
Tgt Ion: 83 Resp: 629186
Ion Ratio Lower Upper
83 100
85 63.5 47.7 88.5



#27
1,2-Dichloroethane
Concen: 21.247 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

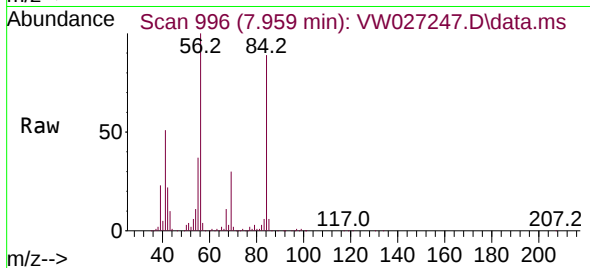
Tgt Ion: 62 Resp: 405950
Ion Ratio Lower Upper
62 100
98 9.8 7.9 11.9





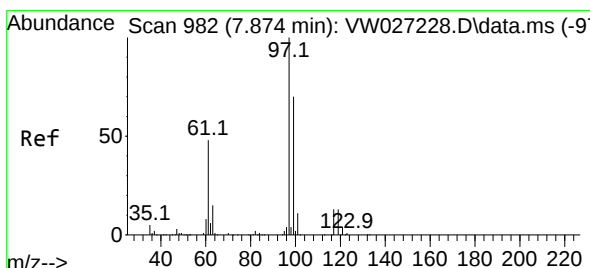
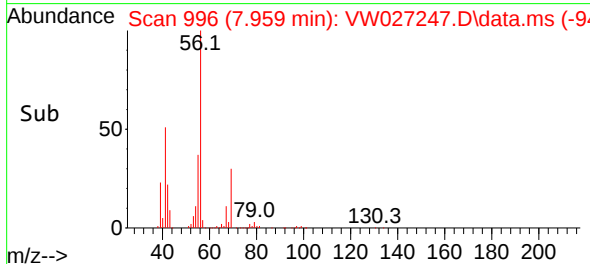
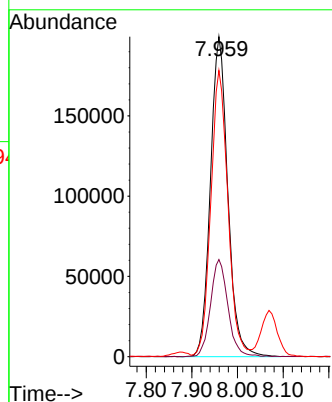
#29
Cyclohexane
Concen: 20.161 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Instrument :
MSVOA_W
ClientSampleId :
E05J6MS



Tgt Ion: 56 Resp: 527122

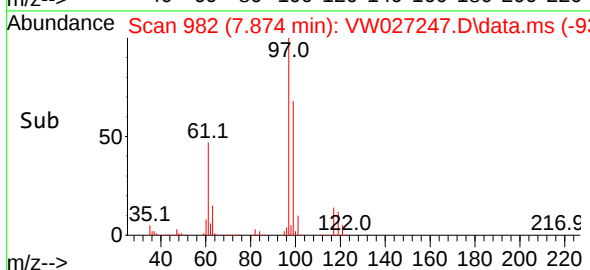
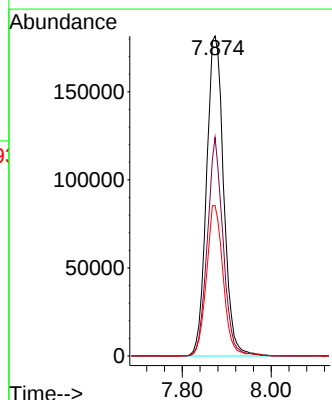
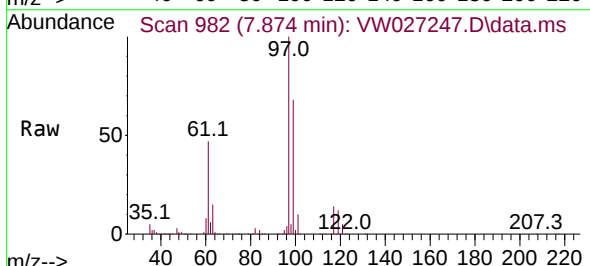
Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.0	37.4
84	87.7	69.9	104.9

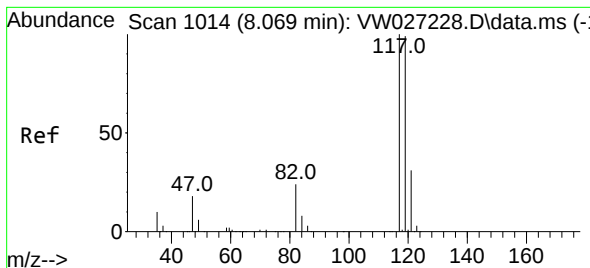


#30
1,1,1-Trichloroethane
Concen: 19.996 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Tgt Ion: 97 Resp: 488483

Ion	Ratio	Lower	Upper
97	100		
99	62.5	50.8	76.2
61	45.6	34.6	52.0





#31

Carbon tetrachloride

Concen: 19.260 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

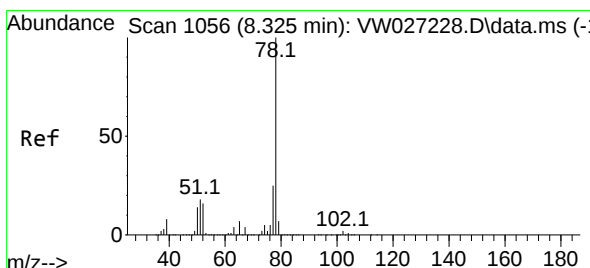
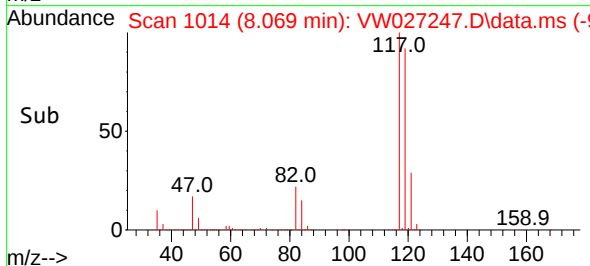
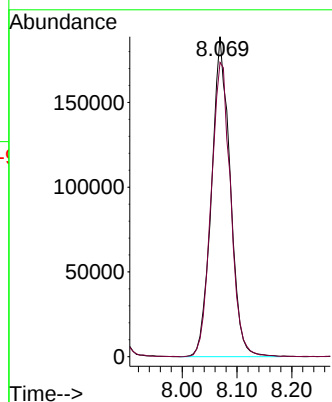
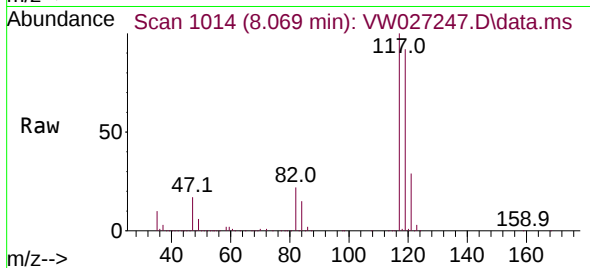
E05J6MS

Tgt Ion:117 Resp: 444401

Ion Ratio Lower Upper

117 100

119 96.4 77.0 115.6



#33

Benzene

Concen: 20.750 ug/L

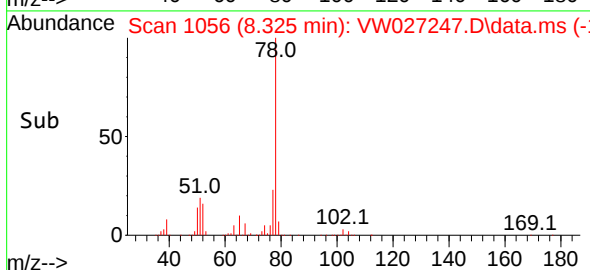
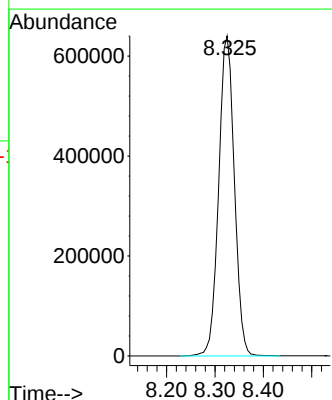
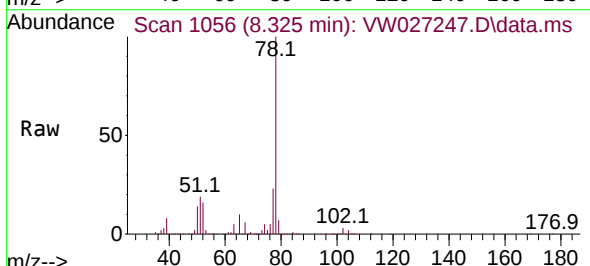
RT: 8.325 min Scan# 1056

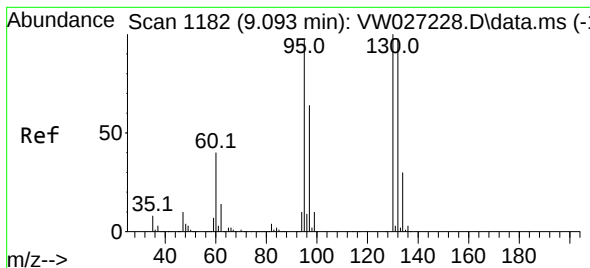
Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Tgt Ion: 78 Resp: 1441256





#34

Trichloroethene

Concen: 19.456 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

E05J6MS

Tgt Ion: 95 Resp: 352907

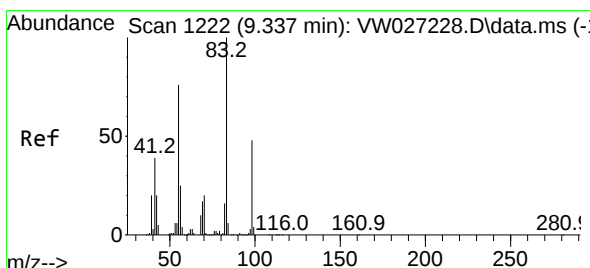
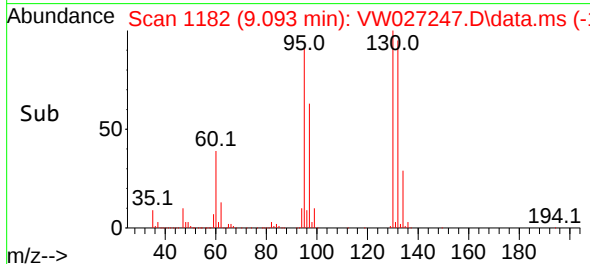
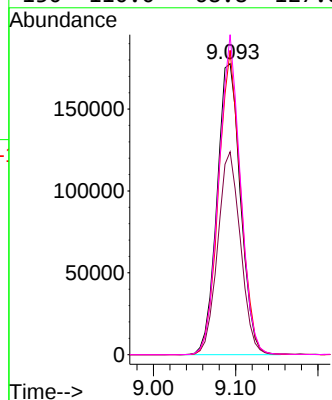
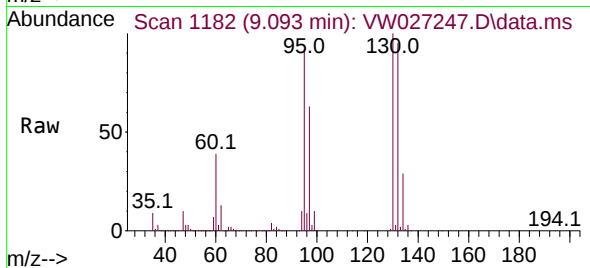
Ion Ratio Lower Upper

95 100

97 69.7 46.1 85.7

132 104.6 71.5 132.9

130 110.0 68.8 127.8



#35

Methylcyclohexane

Concen: 19.210 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

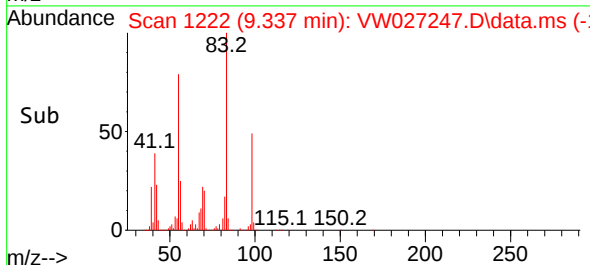
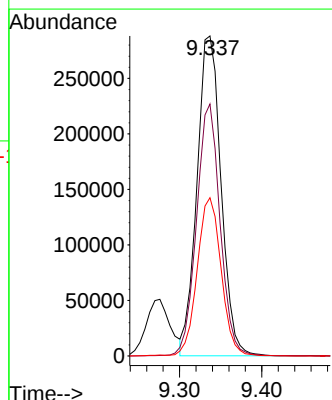
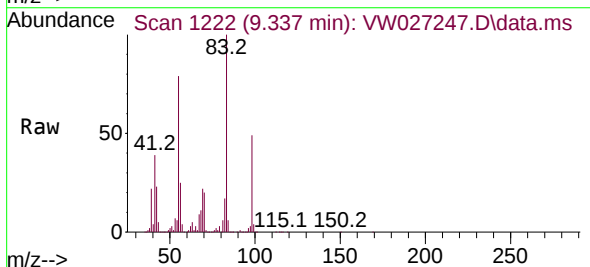
Tgt Ion: 83 Resp: 586054

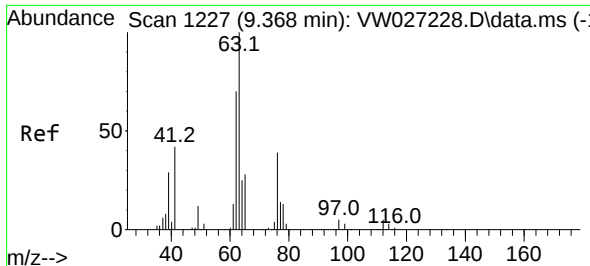
Ion Ratio Lower Upper

83 100

55 77.3 59.1 88.7

98 49.2 38.6 58.0





#37

1,2-Dichloropropane

Concen: 21.644 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

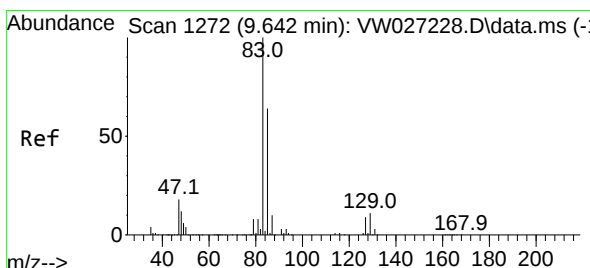
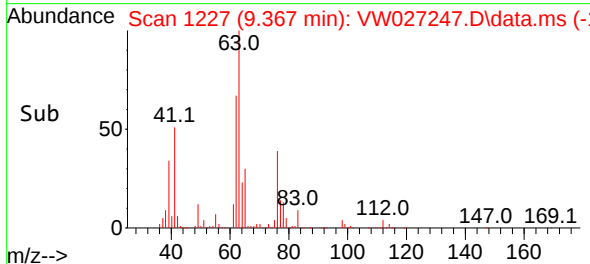
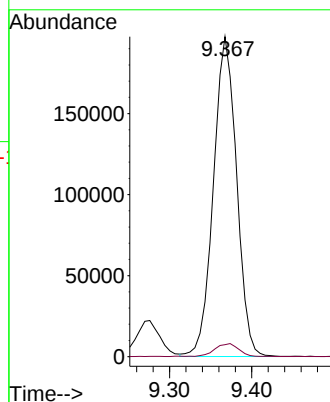
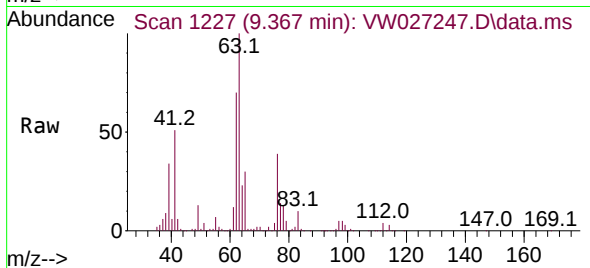
E05J6MS

Tgt Ion: 63 Resp: 387365

Ion Ratio Lower Upper

63 100

112 4.1 3.7 5.5



#38

Bromodichloromethane

Concen: 21.322 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

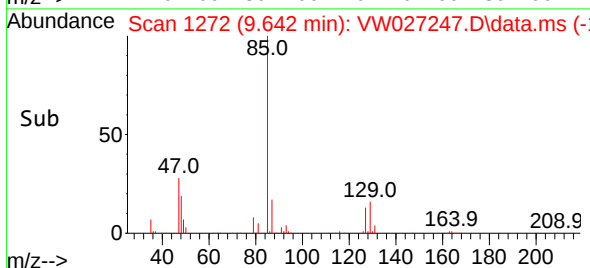
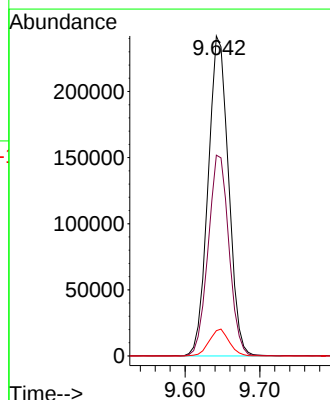
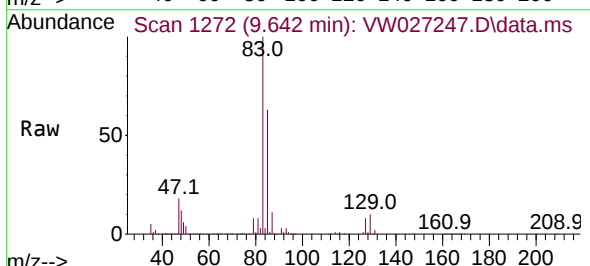
Tgt Ion: 83 Resp: 458322

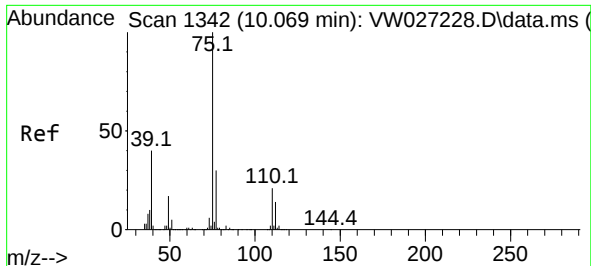
Ion Ratio Lower Upper

83 100

85 62.7 44.7 82.9

127 7.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 21.346 ug/L

RT: 10.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

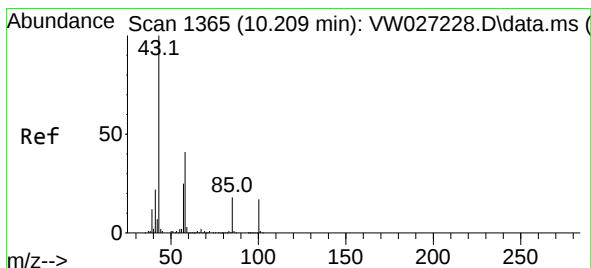
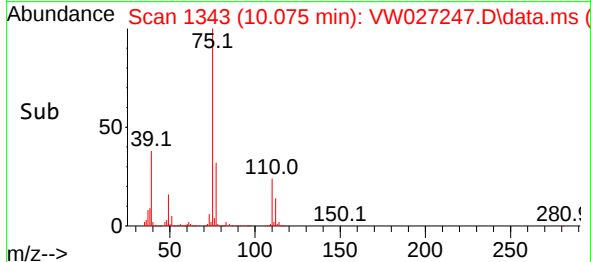
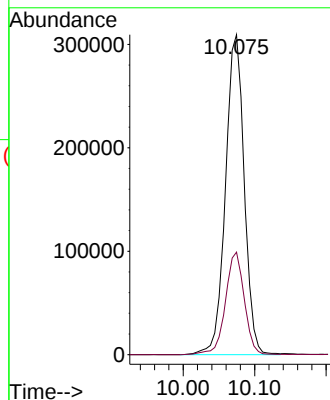
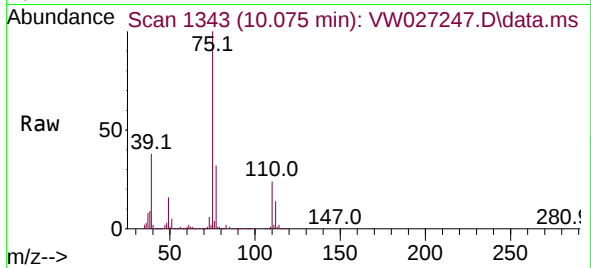
E05J6MS

Tgt Ion: 75 Resp: 562903

Ion Ratio Lower Upper

75 100

77 32.1 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 53.738 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

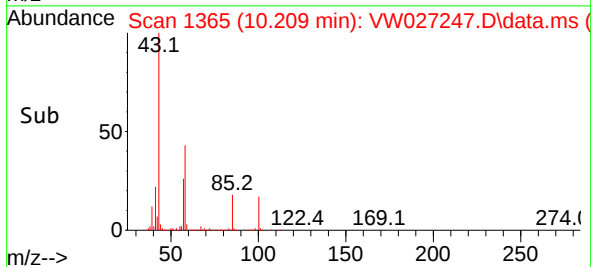
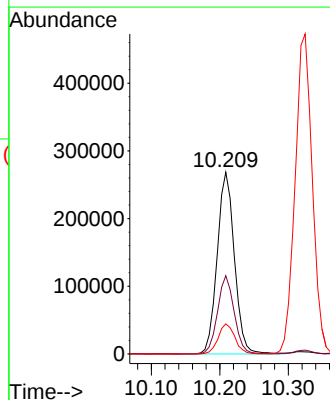
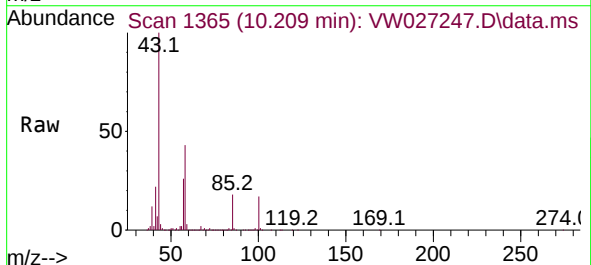
Tgt Ion: 43 Resp: 466592

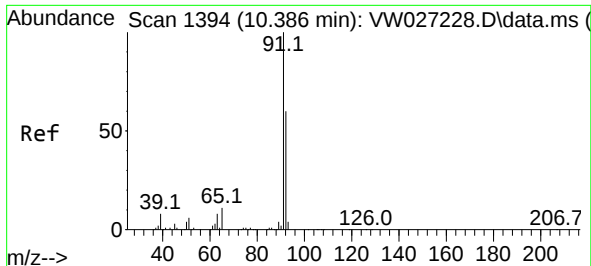
Ion Ratio Lower Upper

43 100

58 41.6 33.8 50.6

100 16.2 13.7 20.5

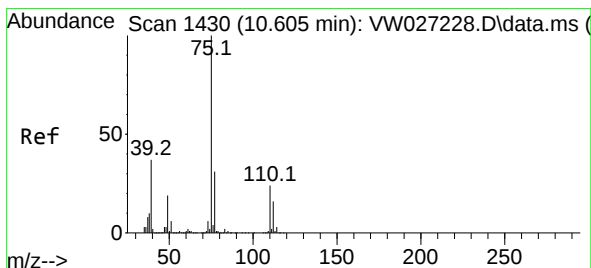
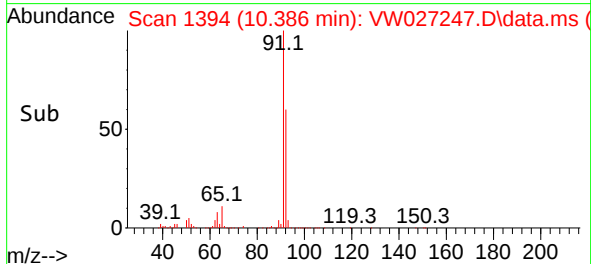
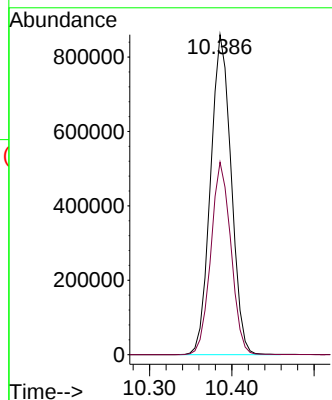
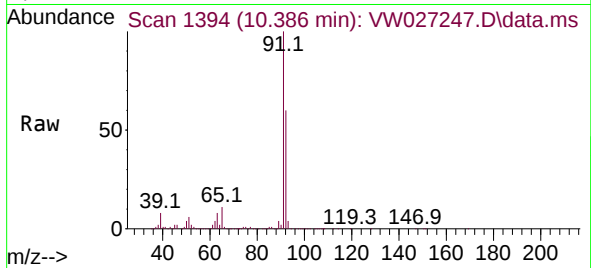




#42
Toluene
Concen: 21.000 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

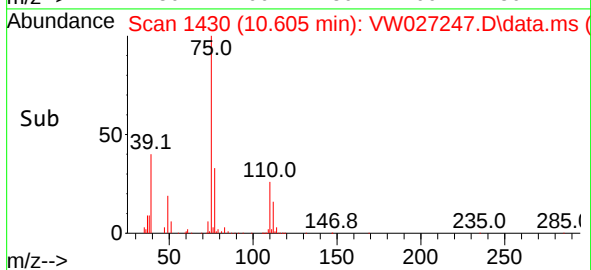
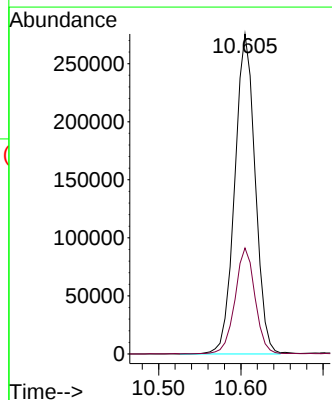
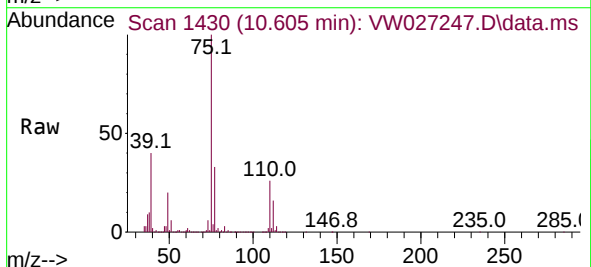
Instrument :
MSVOA_W
ClientSampleId :
E05J6MS

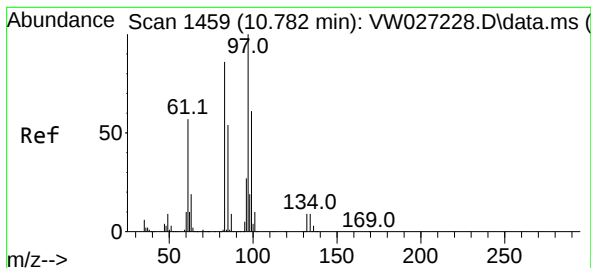
Tgt Ion: 91 Resp: 1497967
Ion Ratio Lower Upper
91 100
92 60.2 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 22.018 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Tgt Ion: 75 Resp: 475853
Ion Ratio Lower Upper
75 100
77 33.1 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 23.266 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

E05J6MS

Tgt Ion: 97 Resp: 301338

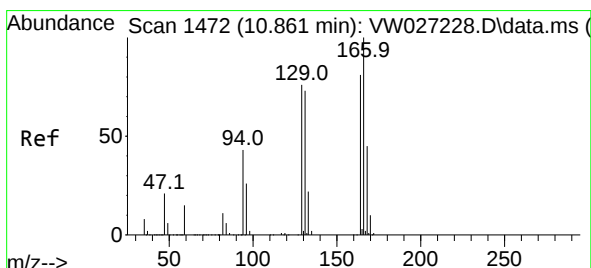
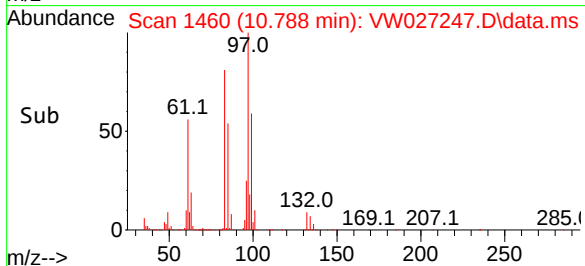
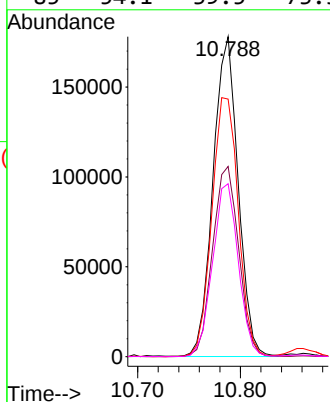
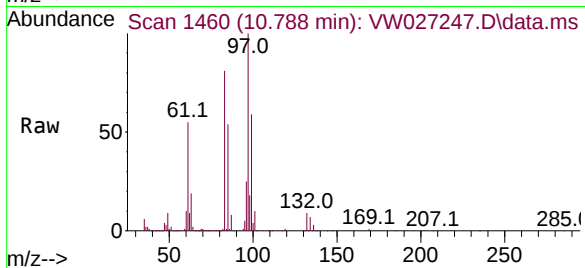
Ion Ratio Lower Upper

97 100

99 59.4 45.3 84.1

83 80.5 59.5 110.5

85 54.1 39.5 73.3



#46

Tetrachloroethene

Concen: 18.991 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Tgt Ion:164 Resp: 270782

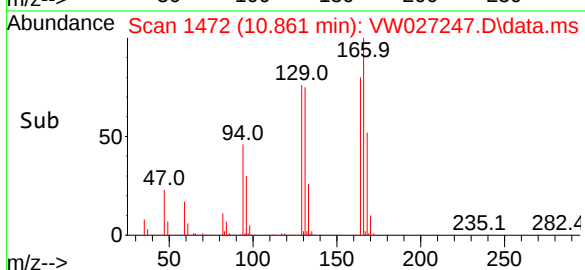
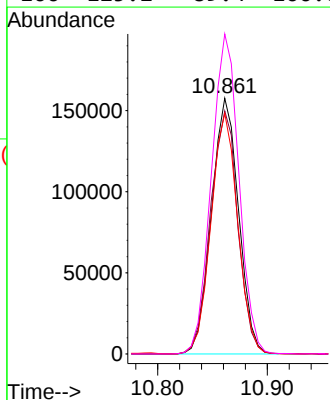
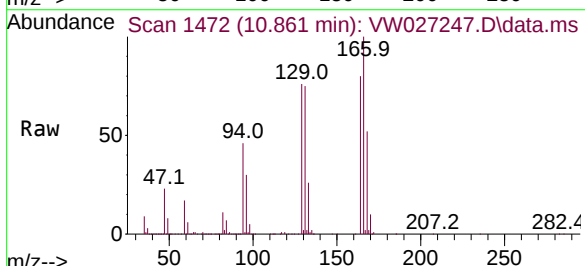
Ion Ratio Lower Upper

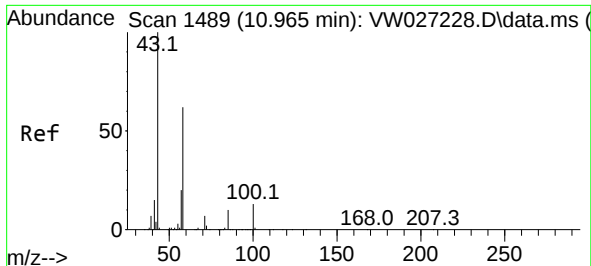
164 100

129 95.1 60.3 112.1

131 94.1 66.1 122.7

166 125.2 89.4 166.0

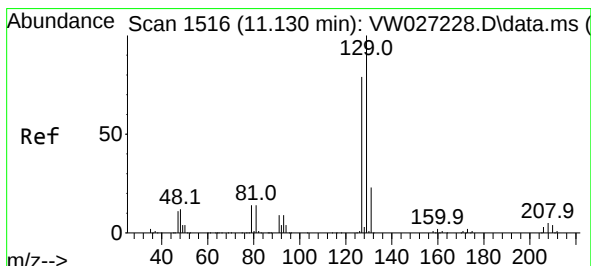
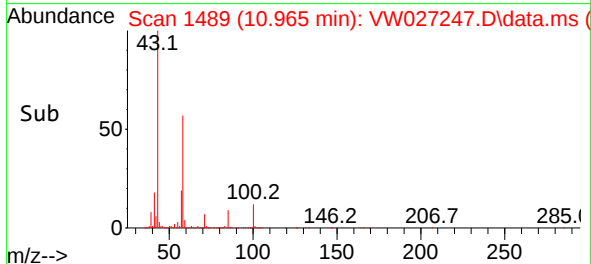
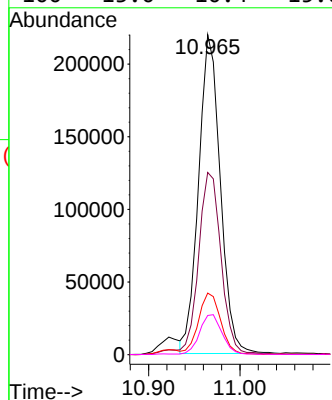
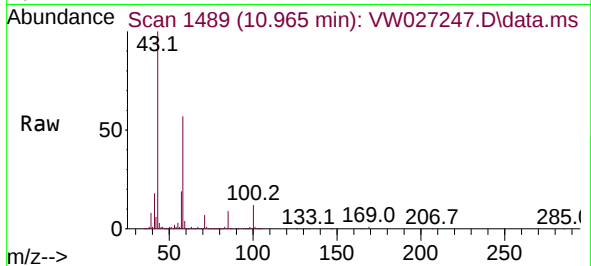




#48
2-Hexanone
Concen: 53.225 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

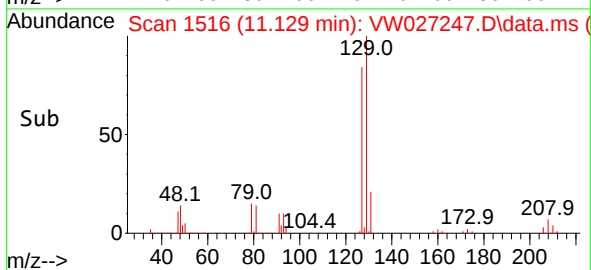
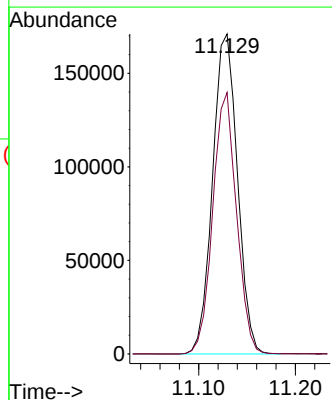
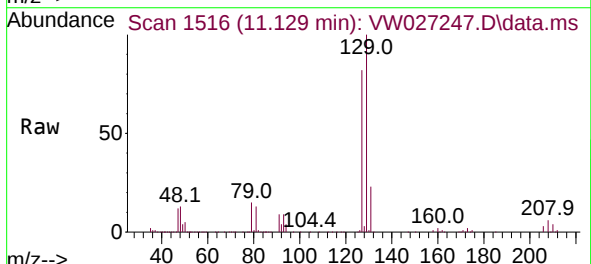
Instrument :
MSVOA_W
ClientSampleId :
E05J6MS

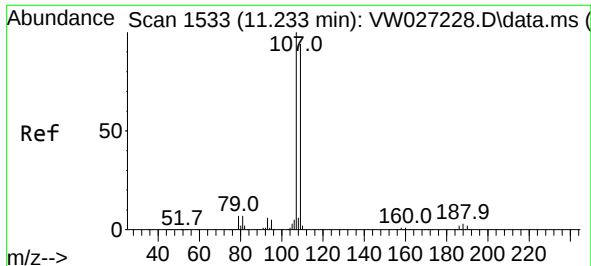
Tgt Ion: 43 Resp: 362296
Ion Ratio Lower Upper
43 100
58 59.0 47.2 70.8
57 19.9 15.9 23.9
100 13.0 10.4 15.6



#49
Dibromochloromethane
Concen: 21.717 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Tgt Ion:129 Resp: 305054
Ion Ratio Lower Upper
129 100
127 81.7 54.2 100.6





#50

1,2-Dibromoethane

Concen: 23.064 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

E05J6MS

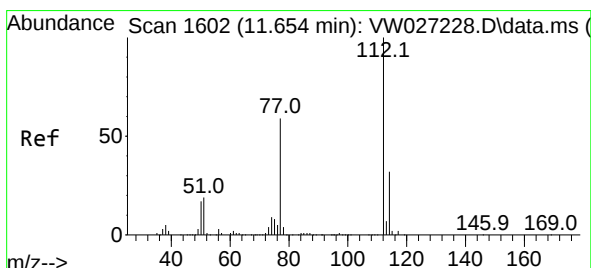
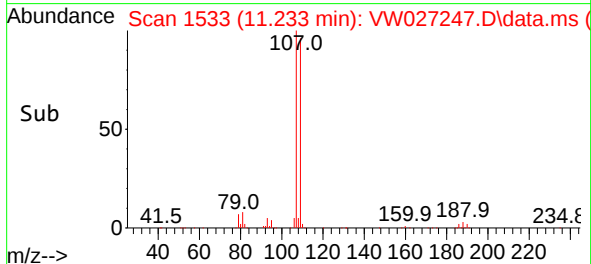
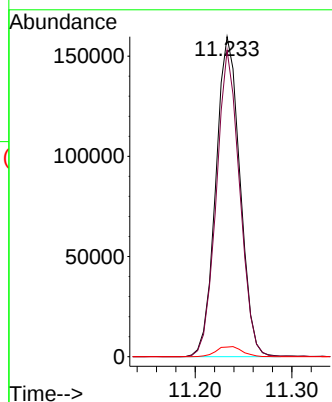
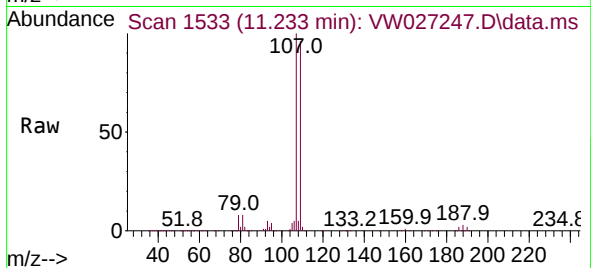
Tgt Ion:107 Resp: 277190

Ion Ratio Lower Upper

107 100

109 95.8 68.2 126.6

188 3.1 2.6 4.0



#51

Chlorobenzene

Concen: 20.199 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

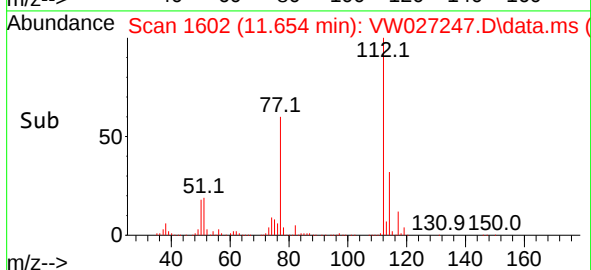
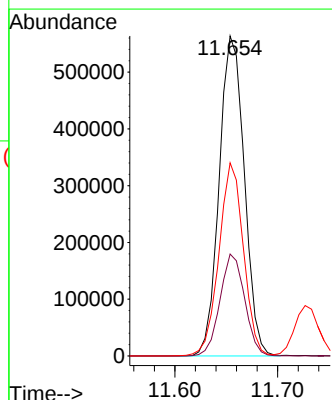
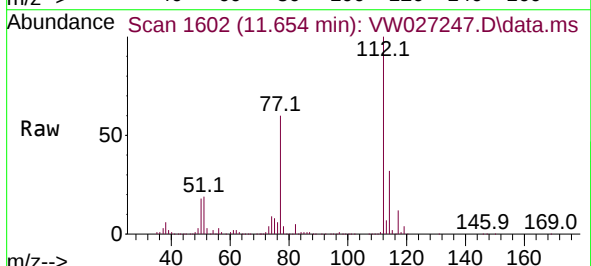
Tgt Ion:112 Resp: 956136

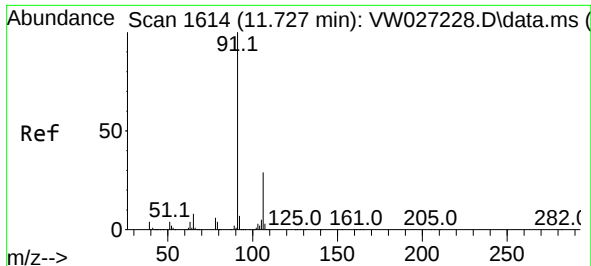
Ion Ratio Lower Upper

112 100

114 31.9 21.9 40.7

77 60.4 47.4 71.0

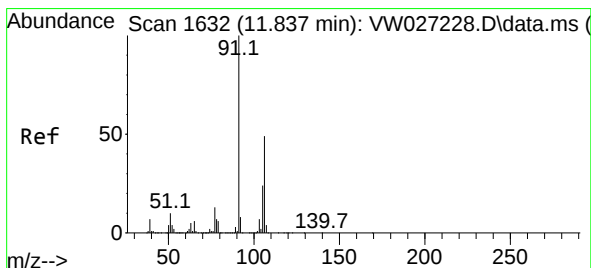
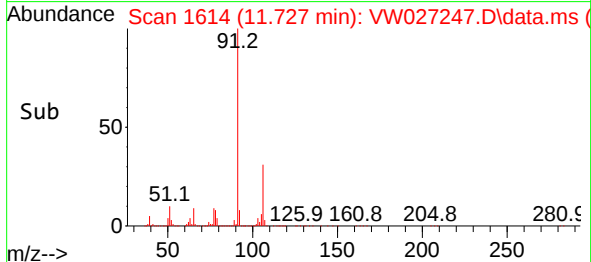
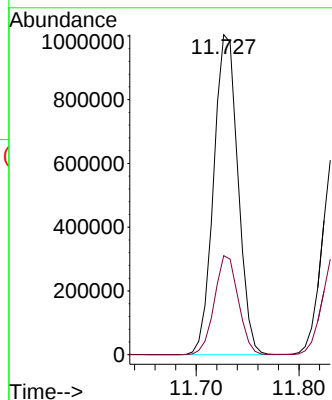
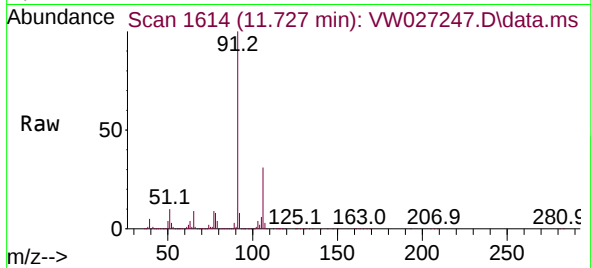




#52
Ethylbenzene
Concen: 20.574 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

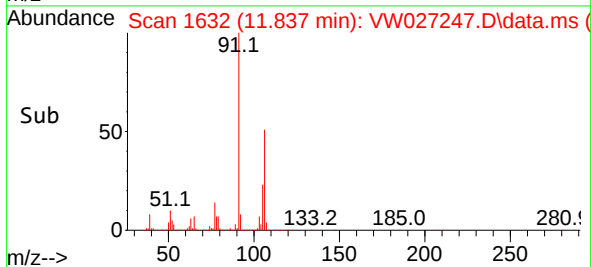
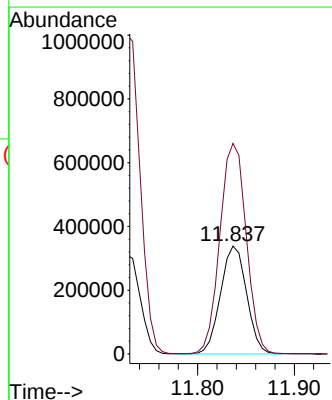
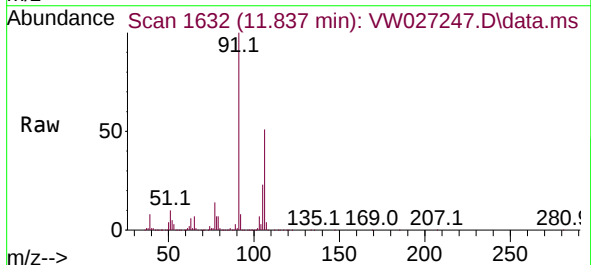
Instrument :
MSVOA_W
ClientSampleId :
E05J6MS

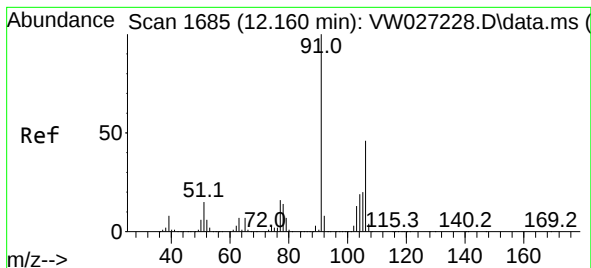
Tgt Ion: 91 Resp: 1648653
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.6



#53
m,p-Xylene
Concen: 20.581 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Tgt Ion:106 Resp: 632399
Ion Ratio Lower Upper
106 100
91 195.3 145.9 270.9





#54

o-Xylene

Concen: 20.616 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

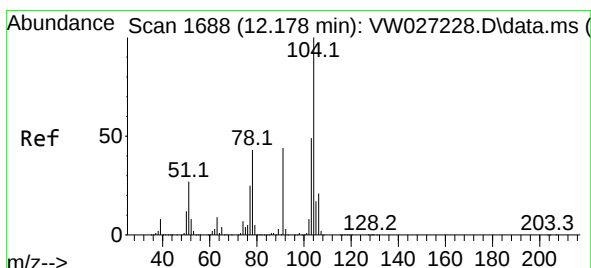
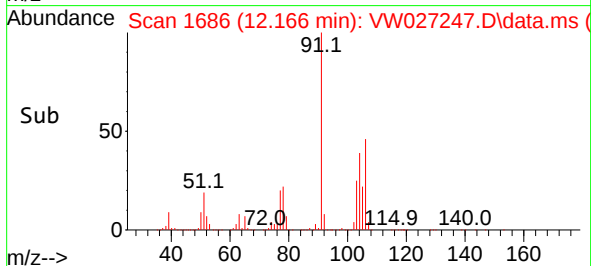
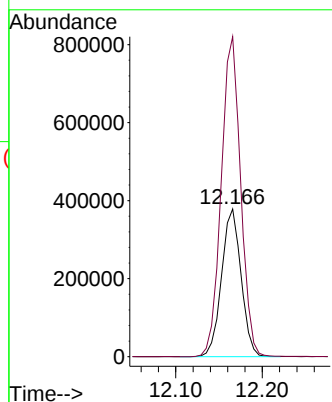
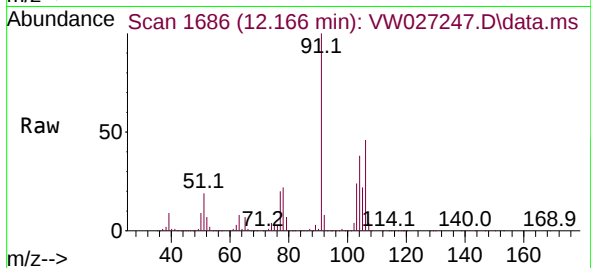
E05J6MS

Tgt Ion:106 Resp: 591764

Ion Ratio Lower Upper

106 100

91 216.6 149.5 277.7



#55

Styrene

Concen: 21.434 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027247.D

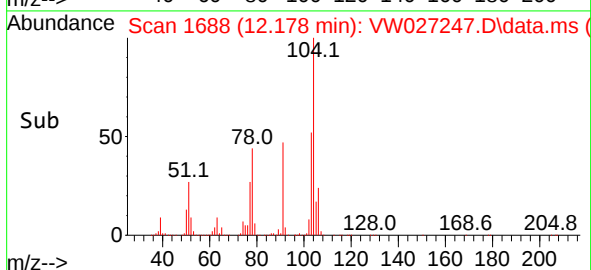
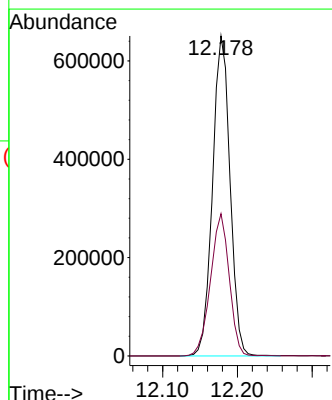
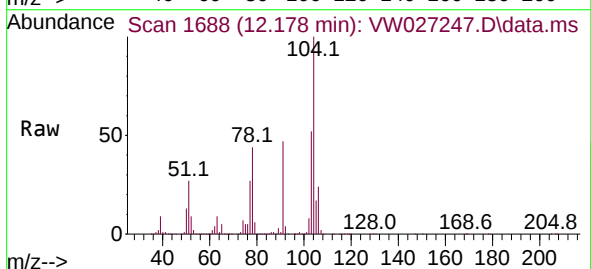
Acq: 05 Oct 2023 19:42

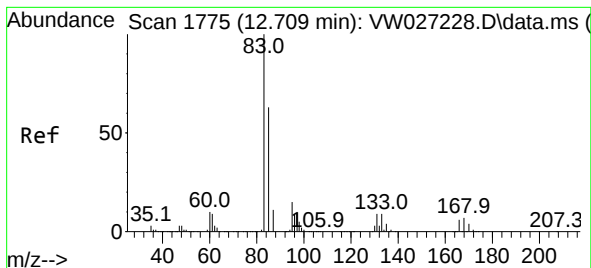
Tgt Ion:104 Resp: 1059058

Ion Ratio Lower Upper

104 100

78 44.5 30.1 55.9

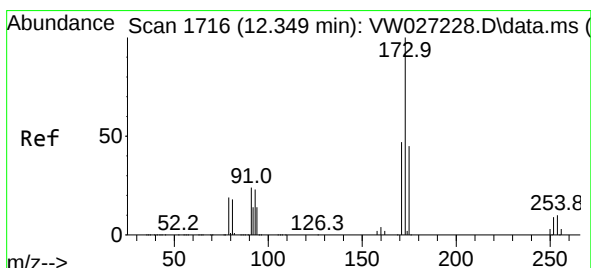
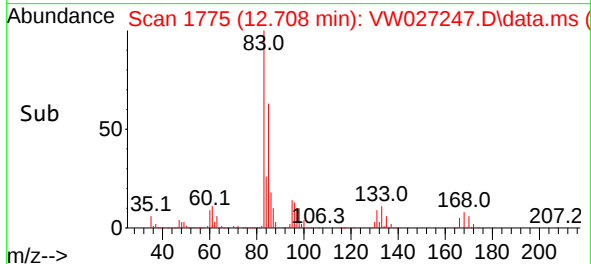
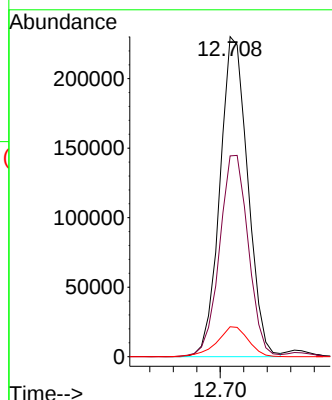
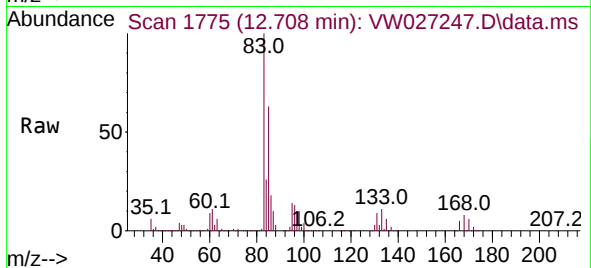




#57
1,1,2,2-Tetrachloroethane
Concen: 24.407 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

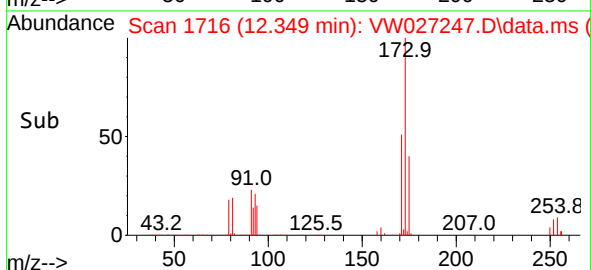
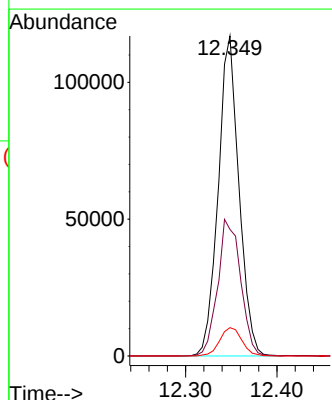
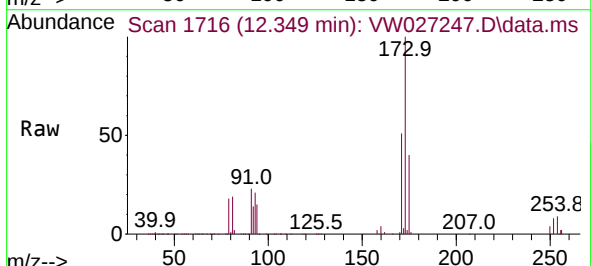
Instrument :
MSVOA_W
ClientSampleId :
E05J6MS

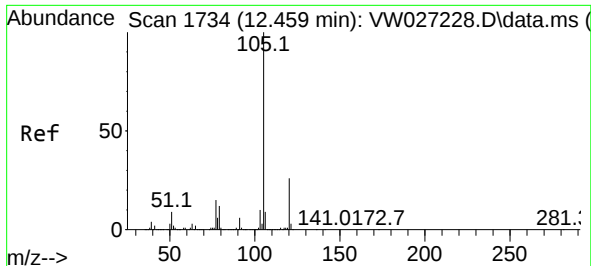
Tgt Ion: 83 Resp: 379176
Ion Ratio Lower Upper
83 100
85 62.7 43.5 80.7
131 9.4 7.6 11.4



#59
Bromoform
Concen: 22.565 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Tgt Ion:173 Resp: 185045
Ion Ratio Lower Upper
173 100
175 46.9 37.1 55.7
254 9.4 7.2 10.8

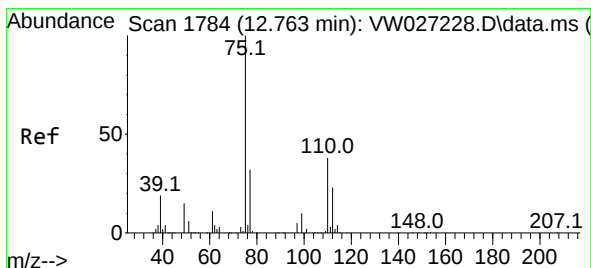
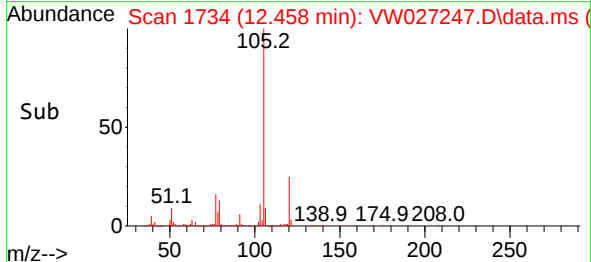
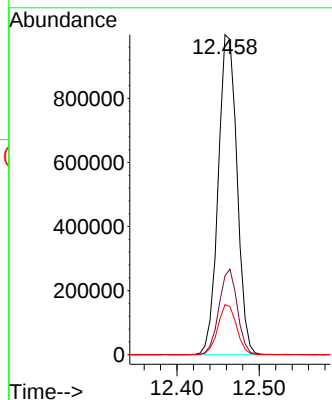
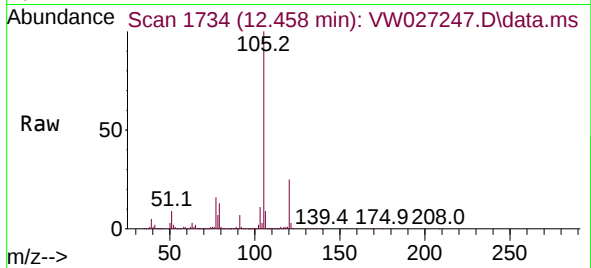




#60
Isopropylbenzene
Concen: 20.755 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

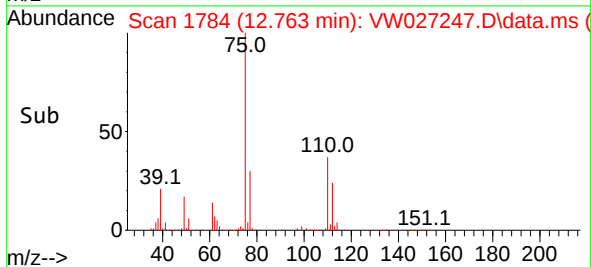
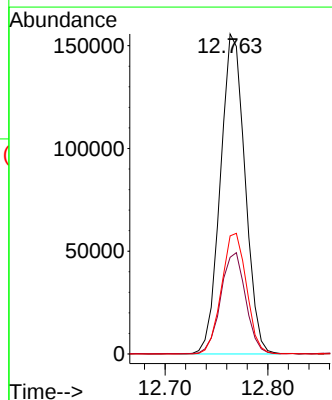
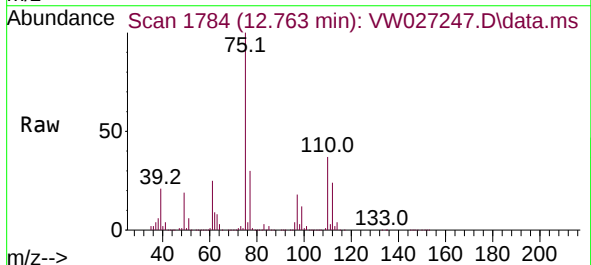
Instrument :
MSVOA_W
ClientSampleId :
E05J6MS

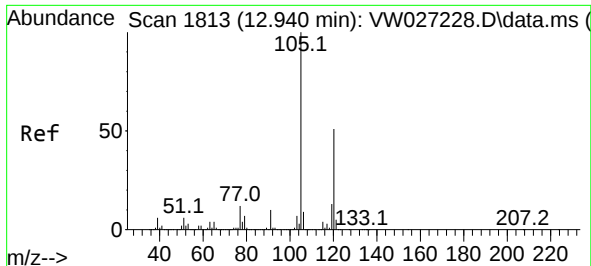
Tgt Ion:105 Resp: 1587200
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 24.358 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Tgt Ion: 75 Resp: 258983
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 38.3 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 20.787 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

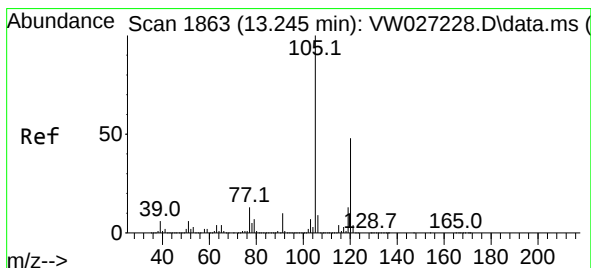
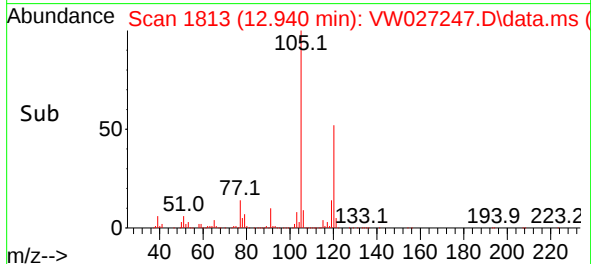
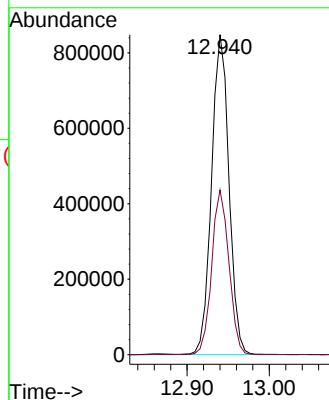
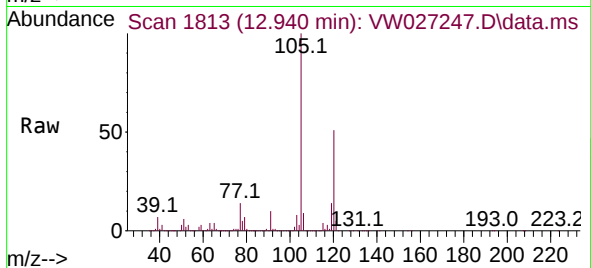
E05J6MS

Tgt Ion:105 Resp: 1246330

Ion Ratio Lower Upper

105 100

120 50.7 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 21.126 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW027247.D

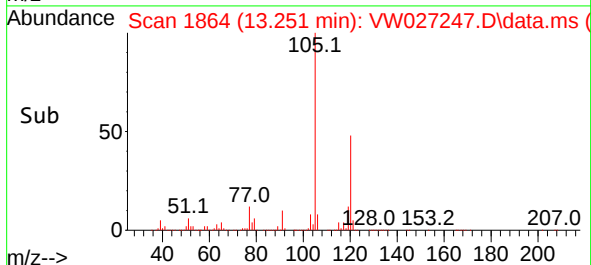
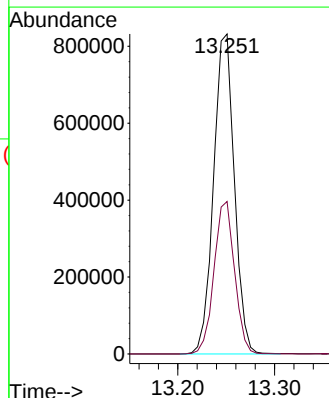
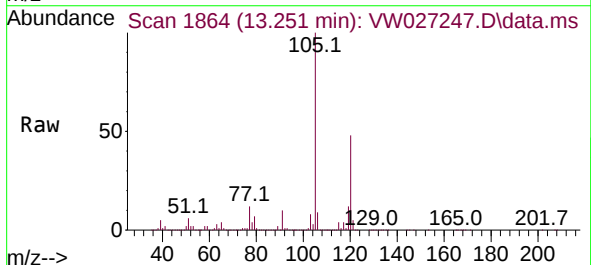
Acq: 05 Oct 2023 19:42

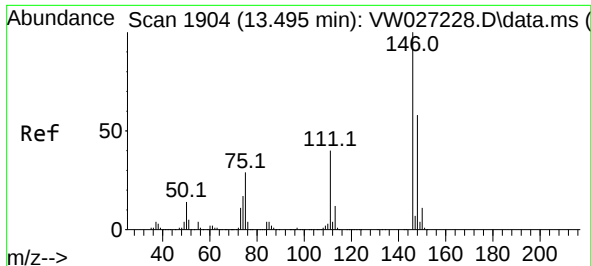
Tgt Ion:105 Resp: 1241268

Ion Ratio Lower Upper

105 100

120 47.2 36.8 55.2

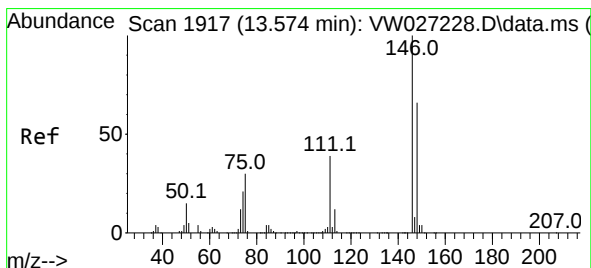
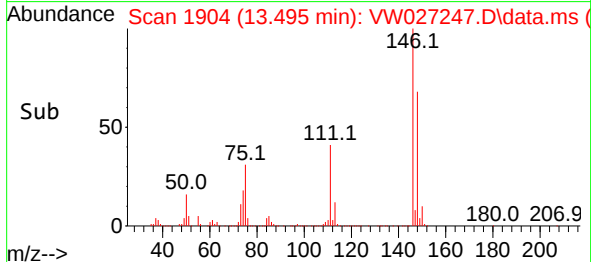
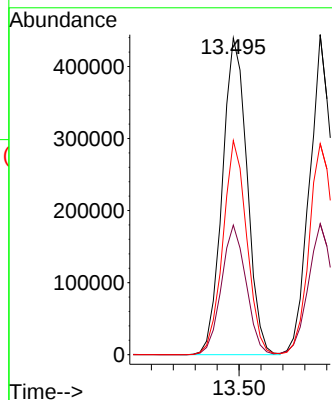
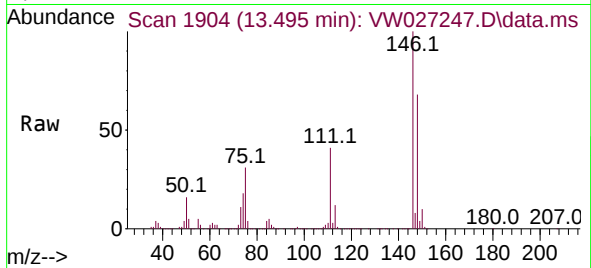




#64
1,3-Dichlorobenzene
Concen: 19.523 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

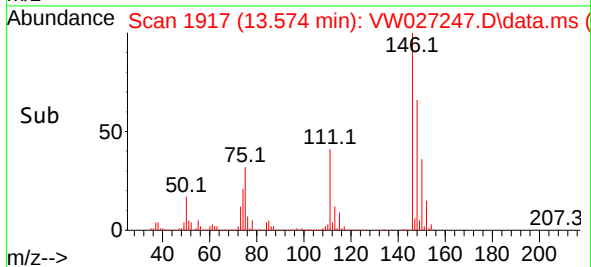
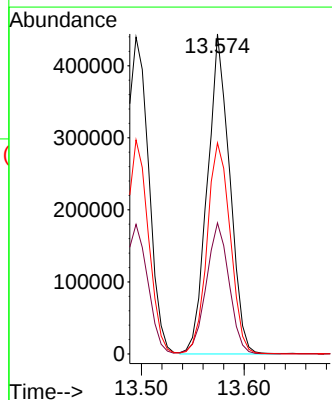
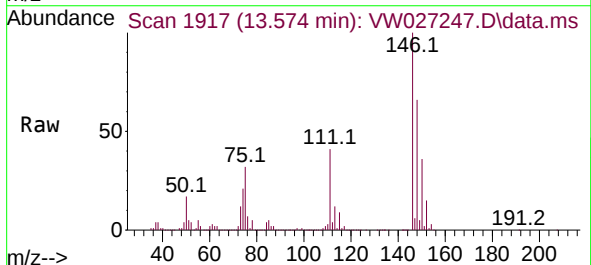
Instrument :
MSVOA_W
ClientSampleId :
E05J6MS

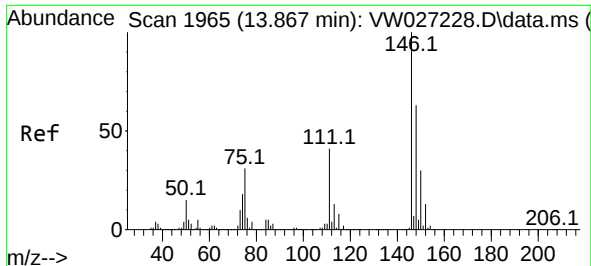
Tgt Ion:146 Resp: 689051
Ion Ratio Lower Upper
146 100
111 40.9 26.9 50.1
148 67.6 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 18.891 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027247.D
Acq: 05 Oct 2023 19:42

Tgt Ion:146 Resp: 669890
Ion Ratio Lower Upper
146 100
111 41.0 26.9 50.1
148 65.9 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 20.336 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

E05J6MS

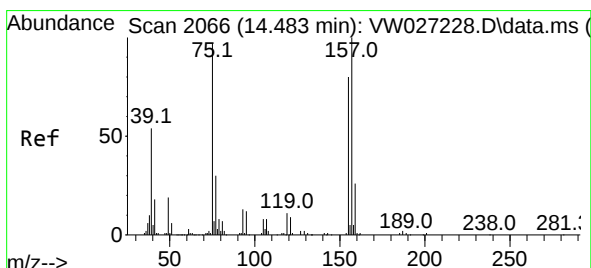
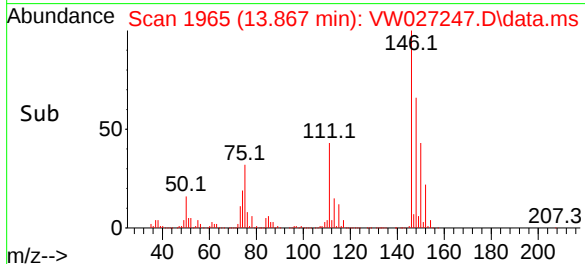
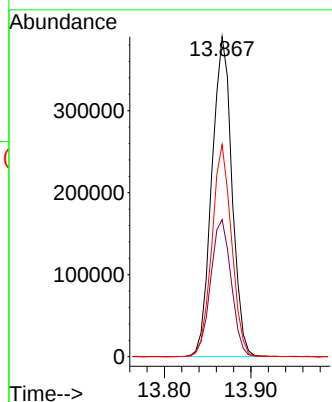
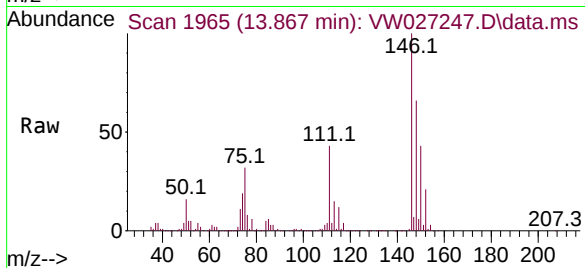
Tgt Ion:146 Resp: 629117

Ion Ratio Lower Upper

146 100

111 42.9 35.6 53.4

148 66.3 58.4 87.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.531 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

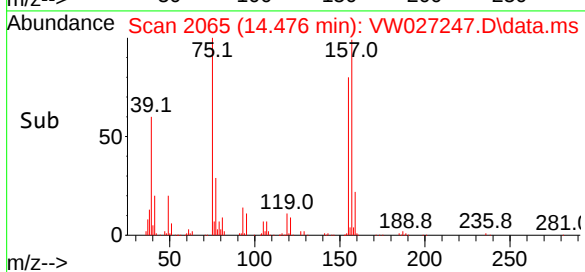
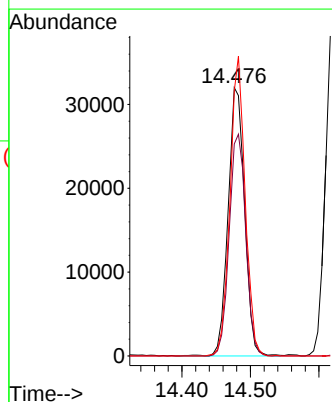
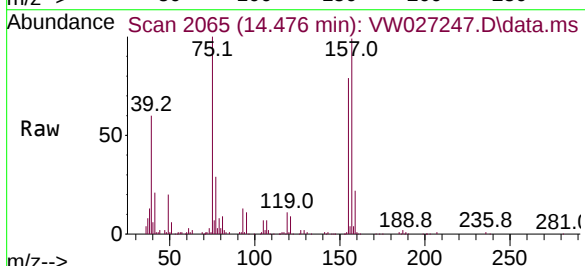
Tgt Ion: 75 Resp: 53591

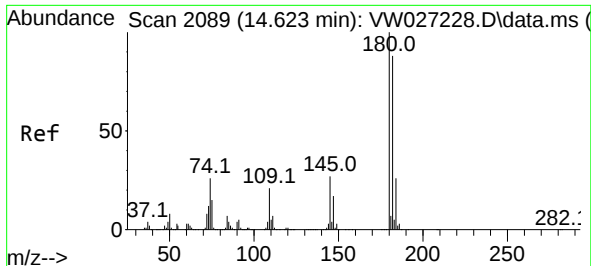
Ion Ratio Lower Upper

75 100

155 79.0 56.5 84.7

157 98.8 75.9 113.9





#69

1,3,5-Trichlorobenzene

Concen: 18.442 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.006 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

E05J6MS

Tgt Ion:180 Resp: 419147

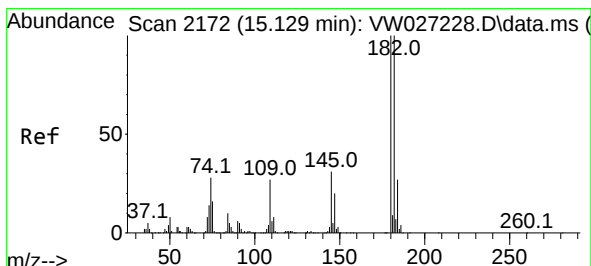
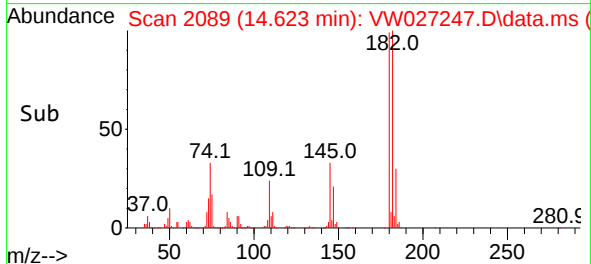
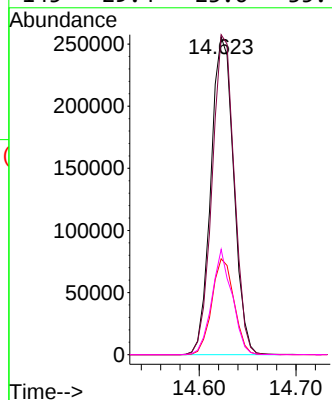
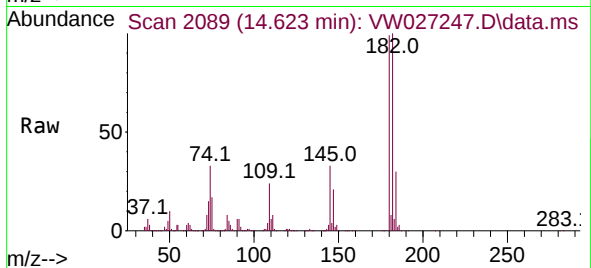
Ion Ratio Lower Upper

180 100

182 97.4 70.2 105.2

184 29.3 24.6 37.0

145 29.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 17.972 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

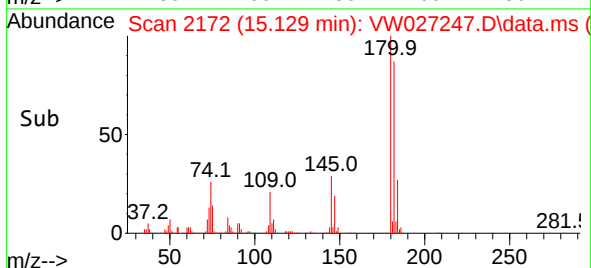
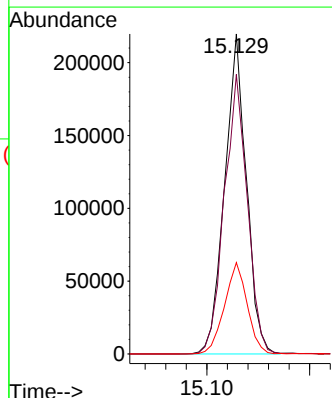
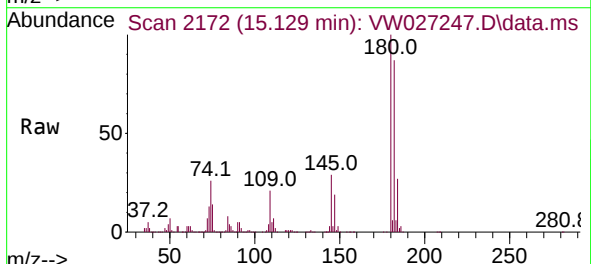
Tgt Ion:180 Resp: 322254

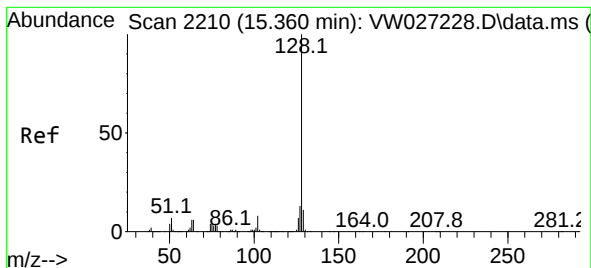
Ion Ratio Lower Upper

180 100

182 92.3 77.4 116.2

145 29.9 24.3 36.5





#71

Naphthalene

Concen: 20.124 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Instrument :

MSVOA_W

ClientSampleId :

E05J6MS

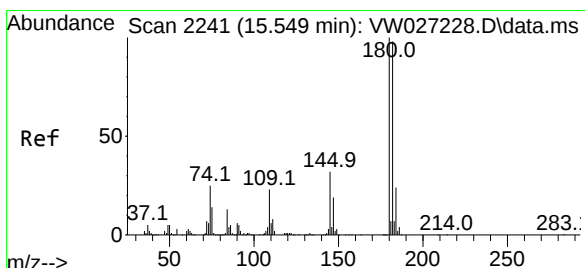
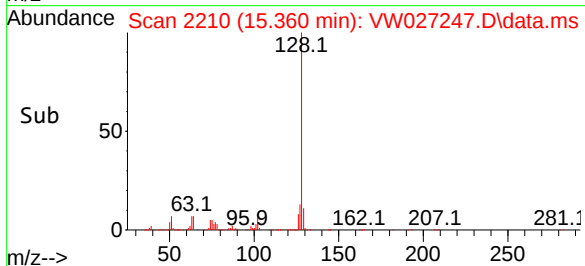
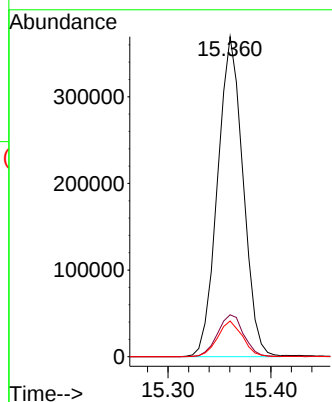
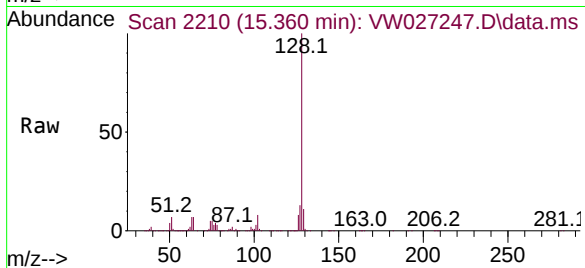
Tgt Ion:128 Resp: 636646

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 18.665 ug/L

RT: 15.555 min Scan# 2242

Delta R.T. 0.006 min

Lab File: VW027247.D

Acq: 05 Oct 2023 19:42

Tgt Ion:180 Resp: 297090

Ion Ratio Lower Upper

180 100

182 93.0 74.7 112.1

145 34.2 26.4 39.6

