

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102623\
 Data File : VW032666.D
 Acq On : 26 Oct 2023 18:02
 Operator : SY/MD
 Sample : 05053-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 05:37:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 05:30:38 2023
 Response via : Initial Calibration

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

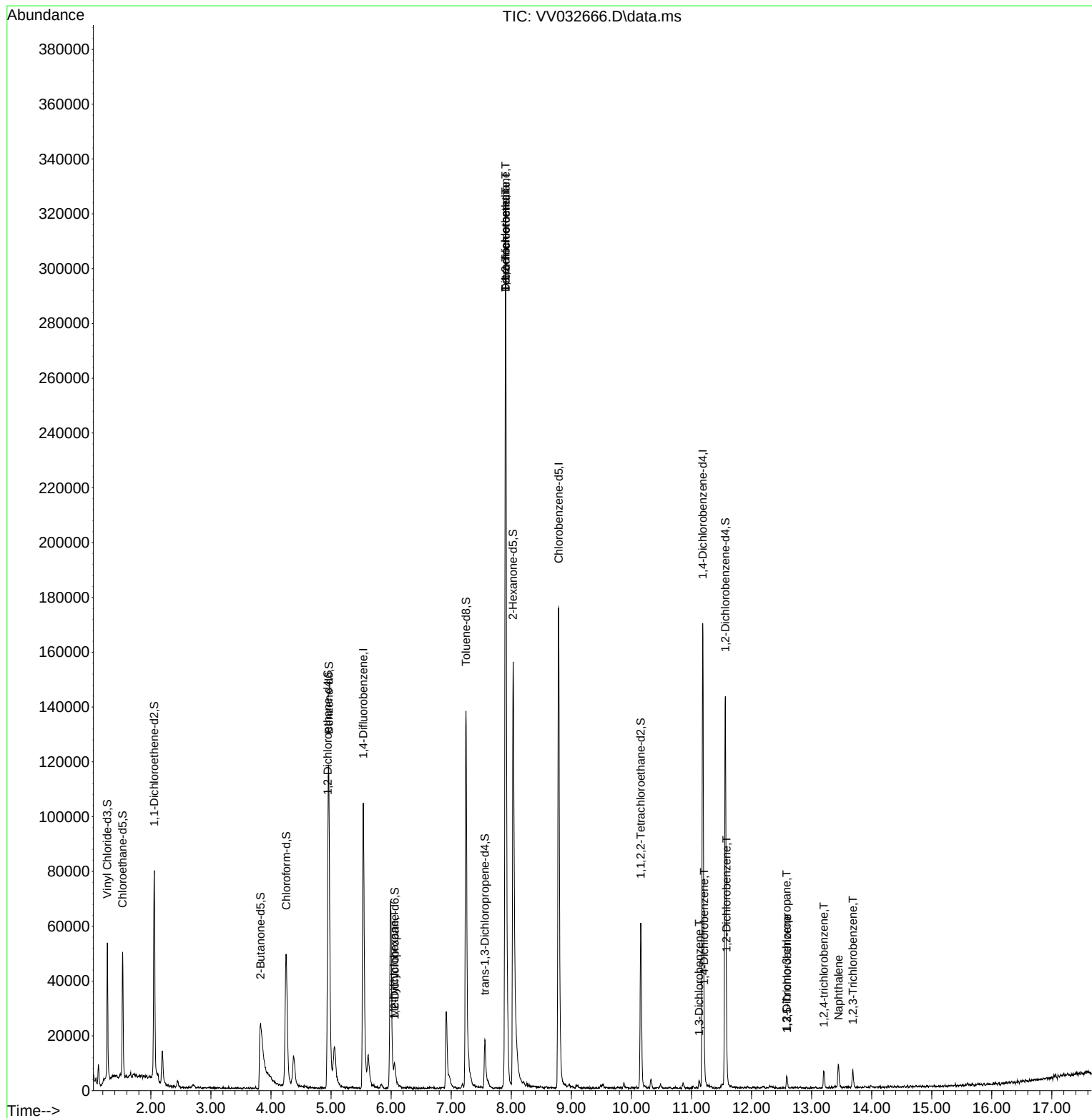
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	90087	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	102104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42853	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	31518	4.302	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.529	69	28508	4.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.056	65	12714	4.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	3.825	46	60000	32.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.740%
24) Chloroform-d	4.252	84	52171	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	4.947	65	27452	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	4.963	84	104182	3.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.400%#
36) 1,2-Dichloropropane-d6	6.059	67	4516	0.454	ug/L	0.07
Spiked Amount	5.000	Range	60 - 140	Recovery	=	9.000%#
41) Toluene-d8	7.246	98	97688	3.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	7.561	79	11789	3.342	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.800%
46) 2-Hexanone-d5	8.030	63	60973	36.739	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.480%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29266	4.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	35744	4.495	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.053	83	1593	0.105	ug/L #	26
45) 1,1,2-Trichloroethane	7.905	97	776	0.114	ug/L #	11
47) Tetrachloroethene	7.905	164	76198	10.239	ug/L	96
49) Dibromochloromethane	7.905	129	68101	9.645	ug/L #	8
64) 1,3-Dichlorobenzene	11.127	146	1085	0.068	ug/L	95
65) 1,4-Dichlorobenzene	11.214	146	1460	0.091	ug/L	83
67) 1,2-Dichlorobenzene	11.583	146	1426	0.098	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	12.583	75	230	0.247	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.590	180	1499	0.129	ug/L #	93
70) 1,2,4-trichlorobenzene	13.204	180	1849	0.179	ug/L	96
71) Naphthalene	13.448	128	7014	0.400	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.686	180	2040	0.229	ug/L	97

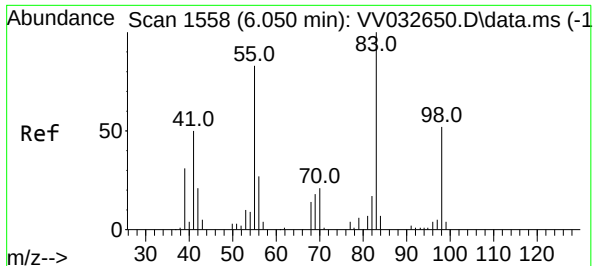
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102623\
Data File : VV032666.D
Acq On : 26 Oct 2023 18:02
Operator : SY/MD
Sample : 05053-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 27 05:37:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 27 05:30:38 2023
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.105 ug/L

RT: 6.053 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032666.D

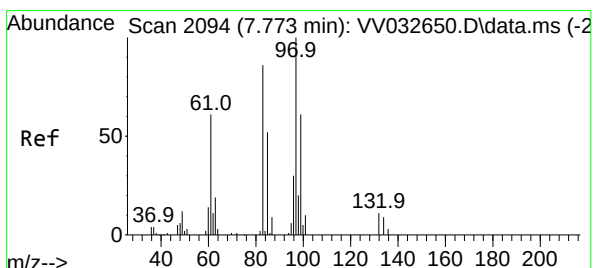
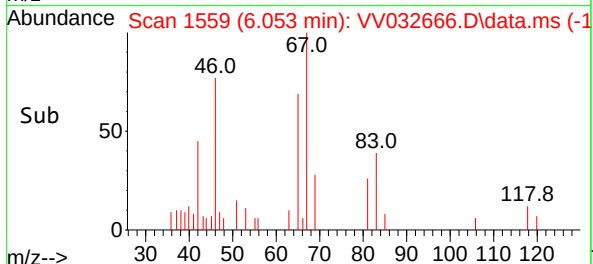
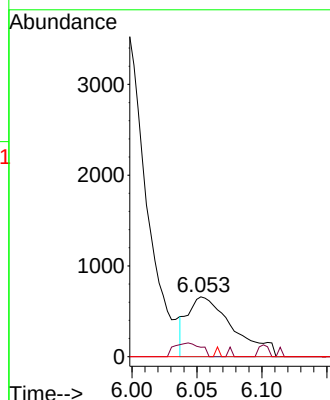
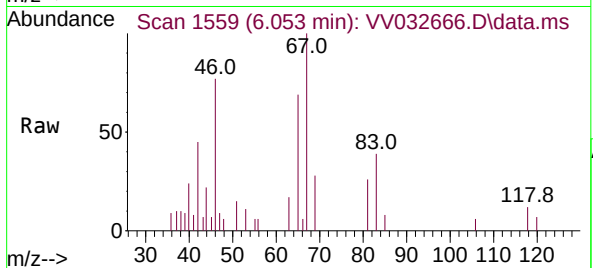
Acq: 26 Oct 2023 18:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	1593
Ion	Ratio	Lower Upper
83	100	
55	13.5	64.2 96.2#
98	0.0	39.6 59.4#



#45

1,1,2-Trichloroethane

Concen: 0.114 ug/L

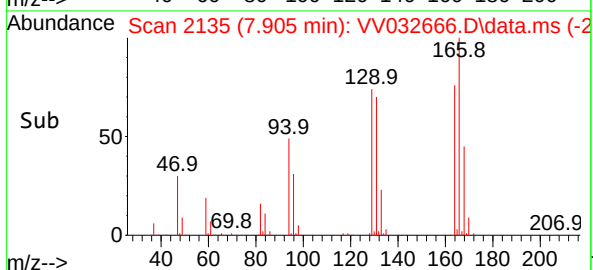
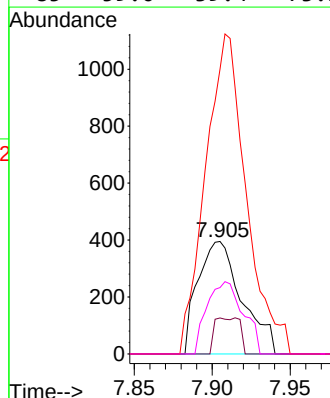
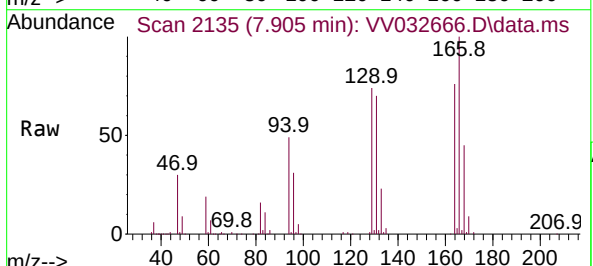
RT: 7.905 min Scan# 2135

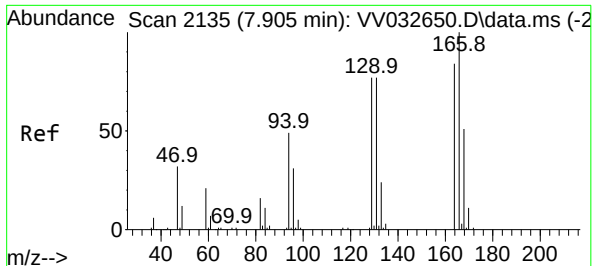
Delta R.T. 0.132 min

Lab File: VV032666.D

Acq: 26 Oct 2023 18:02

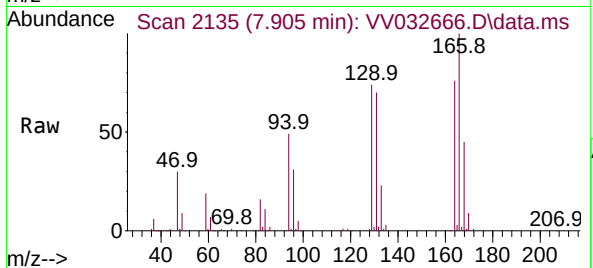
Tgt Ion: 97	Resp:	776
Ion	Ratio	Lower Upper
97	100	
99	31.9	42.8 79.4#
83	253.4	60.9 113.1#
85	59.0	39.4 73.2



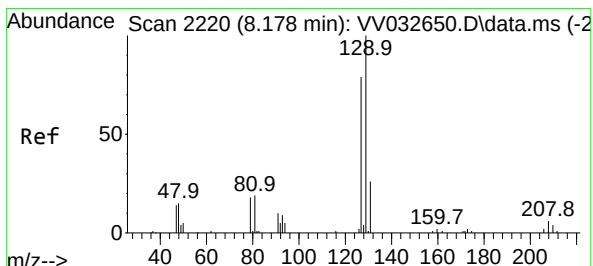
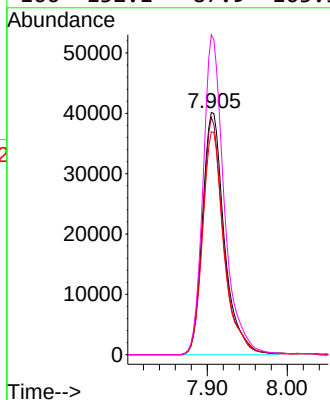
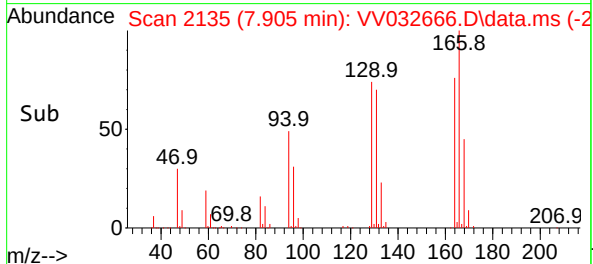


#47
Tetrachloroethene
Concen: 10.239 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV032666.D
Acq: 26 Oct 2023 18:02

Instrument :
MSVOA_V
ClientSampleId :

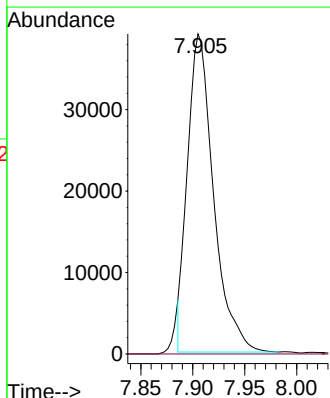
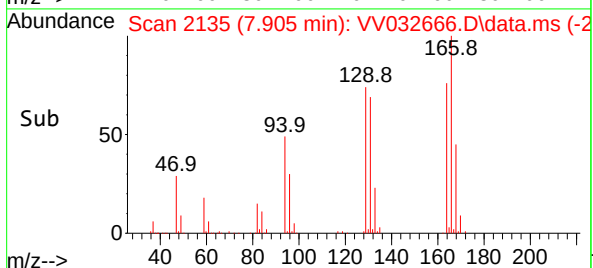
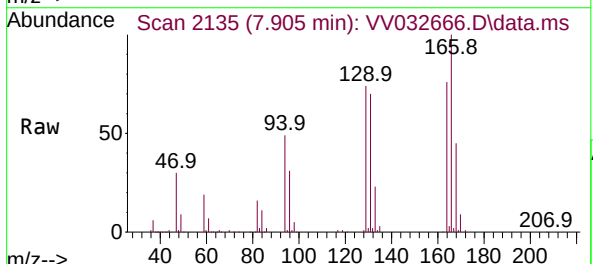


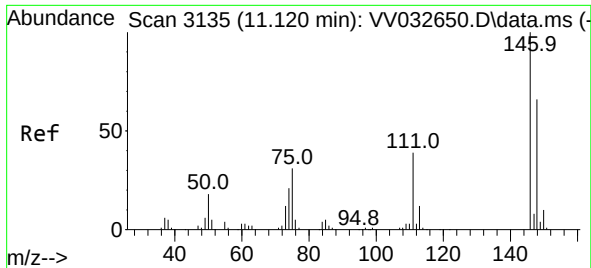
Tgt Ion:164 Resp: 76198
Ion Ratio Lower Upper
164 100
129 97.9 66.4 123.4
131 92.0 63.7 118.3
166 132.1 87.9 163.3



#49
Dibromochloromethane
Concen: 9.645 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.273 min
Lab File: VV032666.D
Acq: 26 Oct 2023 18:02

Tgt Ion:129 Resp: 68101
Ion Ratio Lower Upper
129 100
127 0.0 57.2 106.2#

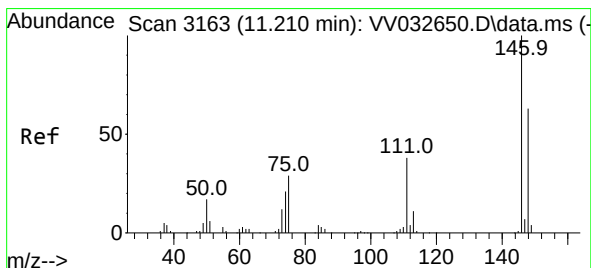
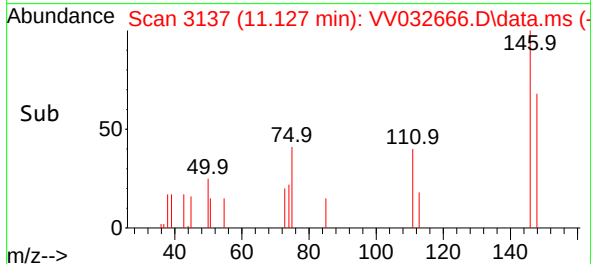
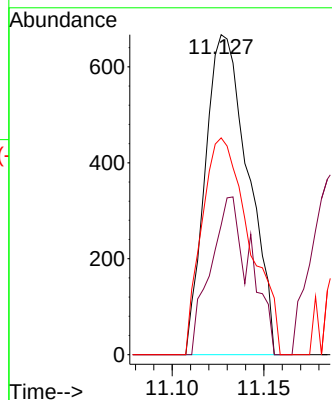
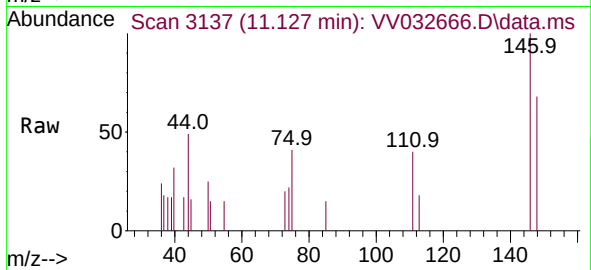




#64
1,3-Dichlorobenzene
Concen: 0.068 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.006 min
Lab File: VV032666.D
Acq: 26 Oct 2023 18:02

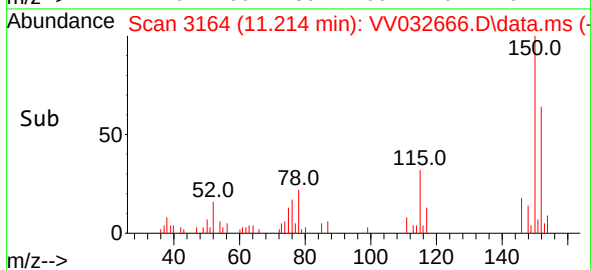
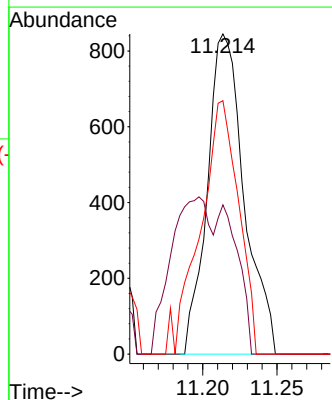
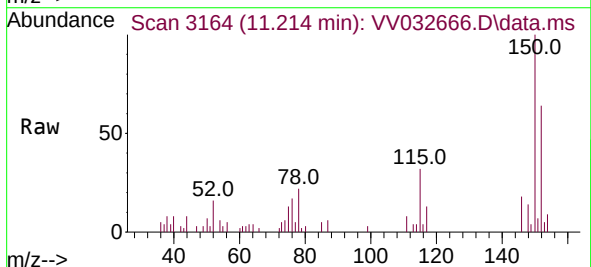
Instrument :
MSVOA_V
ClientSampleId :

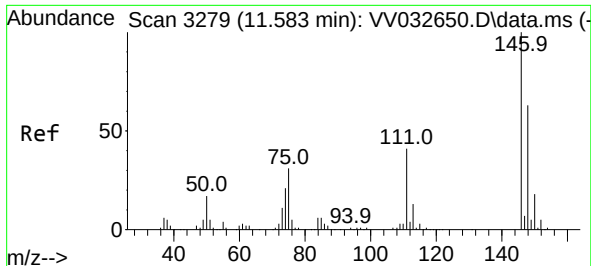
Tgt Ion:146 Resp: 1085
Ion Ratio Lower Upper
146 100
111 40.5 27.8 51.6
148 67.8 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 0.091 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV032666.D
Acq: 26 Oct 2023 18:02

Tgt Ion:146 Resp: 1460
Ion Ratio Lower Upper
146 100
111 46.6 26.9 49.9
148 79.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.098 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032666.D

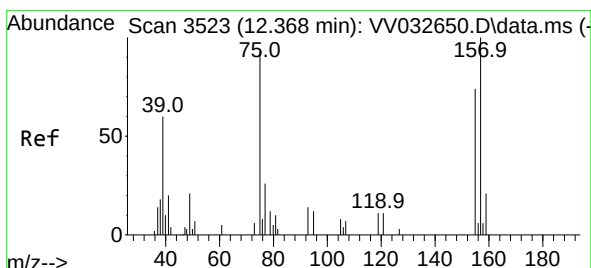
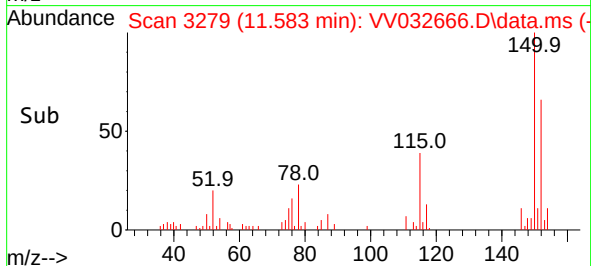
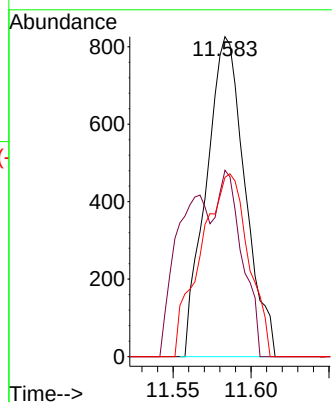
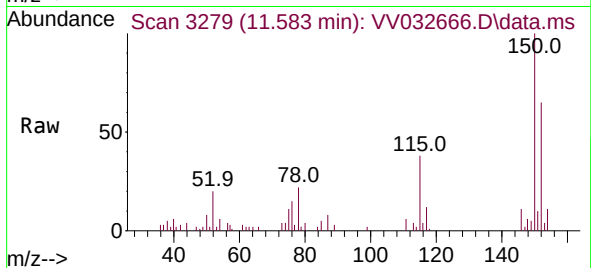
Acq: 26 Oct 2023 18:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	146	Resp:	1426
Ion	Ratio	Lower	Upper
146	100		
111	58.2	32.8	49.2#
148	56.1	51.0	76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.247 ug/L

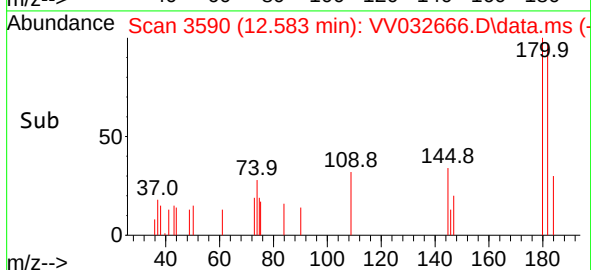
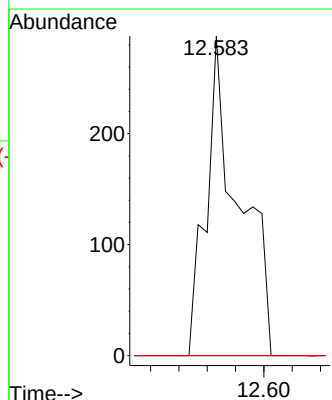
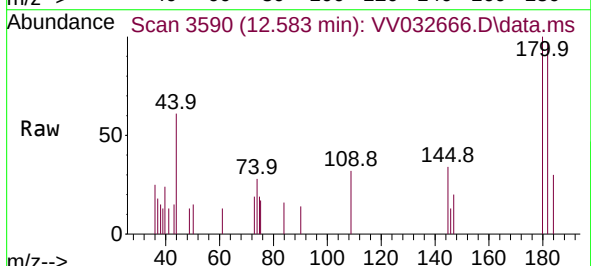
RT: 12.583 min Scan# 3590

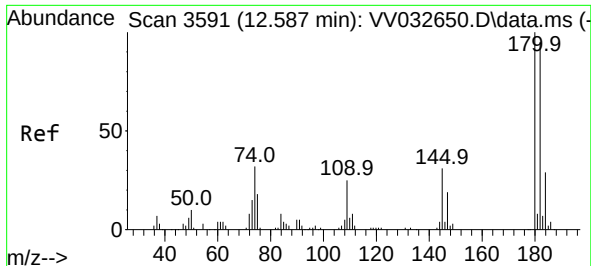
Delta R.T. 0.215 min

Lab File: VV032666.D

Acq: 26 Oct 2023 18:02

Tgt Ion:	75	Resp:	230
Ion	Ratio	Lower	Upper
75	100		
155	0.0	70.2	105.4#
157	0.0	90.6	135.8#





#69

1,3,5-Trichlorobenzene

Concen: 0.129 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.003 min

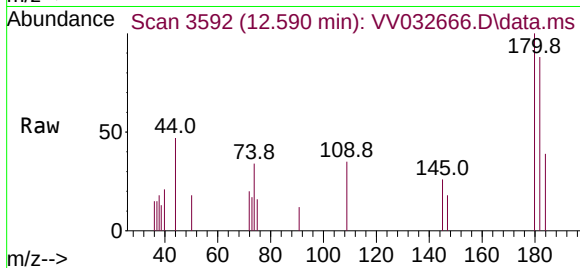
Lab File: VV032666.D

Acq: 26 Oct 2023 18:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1499

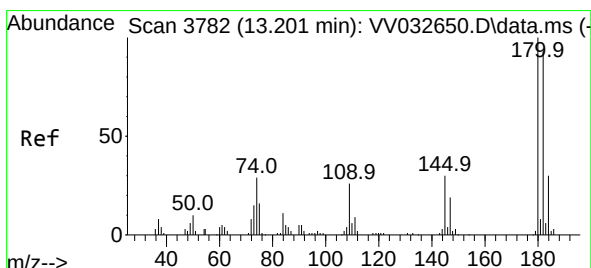
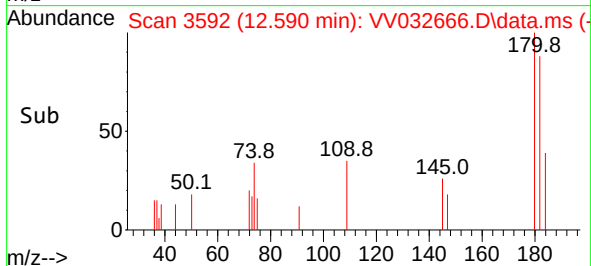
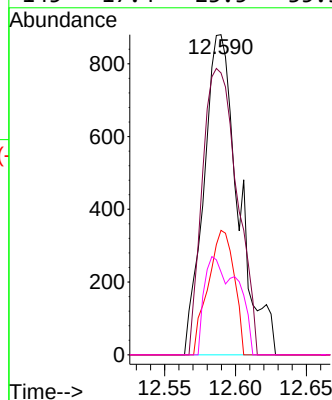
Ion Ratio Lower Upper

180 100

182 89.5 74.6 112.0

184 29.2 24.1 36.1

145 17.4 23.5 35.3#



#70

1,2,4-trichlorobenzene

Concen: 0.179 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.003 min

Lab File: VV032666.D

Acq: 26 Oct 2023 18:02

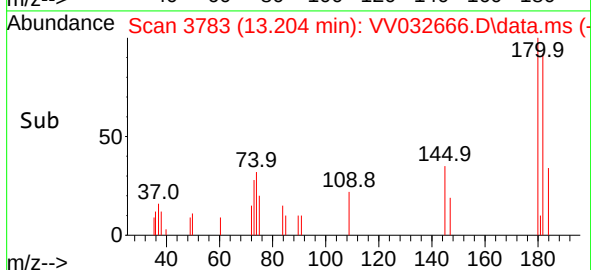
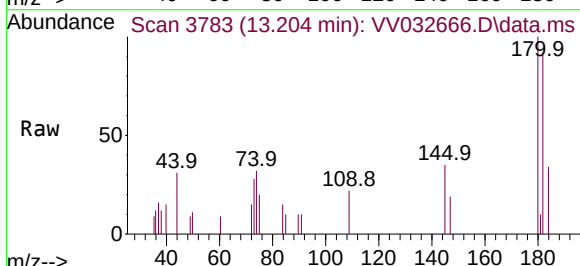
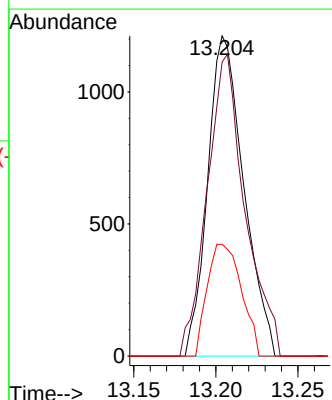
Tgt Ion:180 Resp: 1849

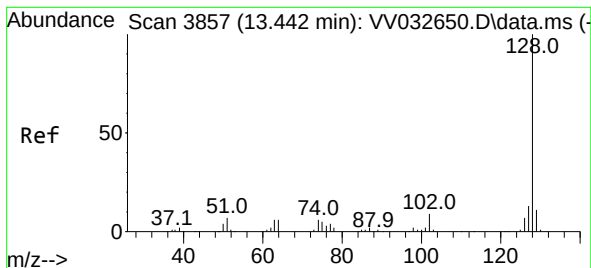
Ion Ratio Lower Upper

180 100

182 98.8 76.5 114.7

145 33.0 24.3 36.5





#71

Naphthalene

Concen: 0.400 ug/L

RT: 13.448 min Scan# 3857

Delta R.T. 0.006 min

Lab File: VV032666.D

Acq: 26 Oct 2023 18:02

Instrument :

MSVOA_V

ClientSampleId :

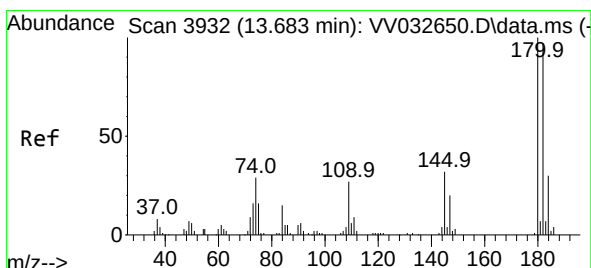
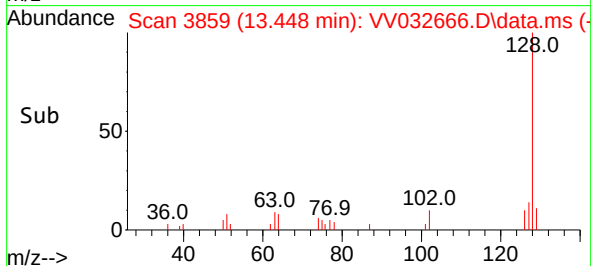
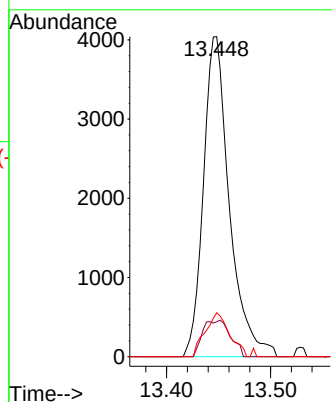
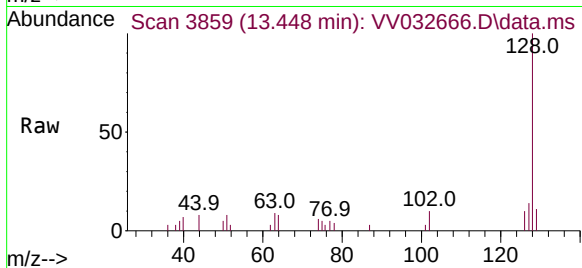
Tgt Ion:128 Resp: 7014

Ion Ratio Lower Upper

128 100

129 5.4 9.0 13.4#

127 12.8 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 0.229 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.003 min

Lab File: VV032666.D

Acq: 26 Oct 2023 18:02

Tgt Ion:180 Resp: 2040

Ion Ratio Lower Upper

180 100

182 97.5 77.0 115.4

145 28.5 25.7 38.5

