

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071922\
 Data File : VW026824.D
 Acq On : 19 Jul 2022 13:51
 Operator : SY/MD
 Sample : N3704-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 20 05:49:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 20 05:46:20 2022
 Response via : Initial Calibration

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

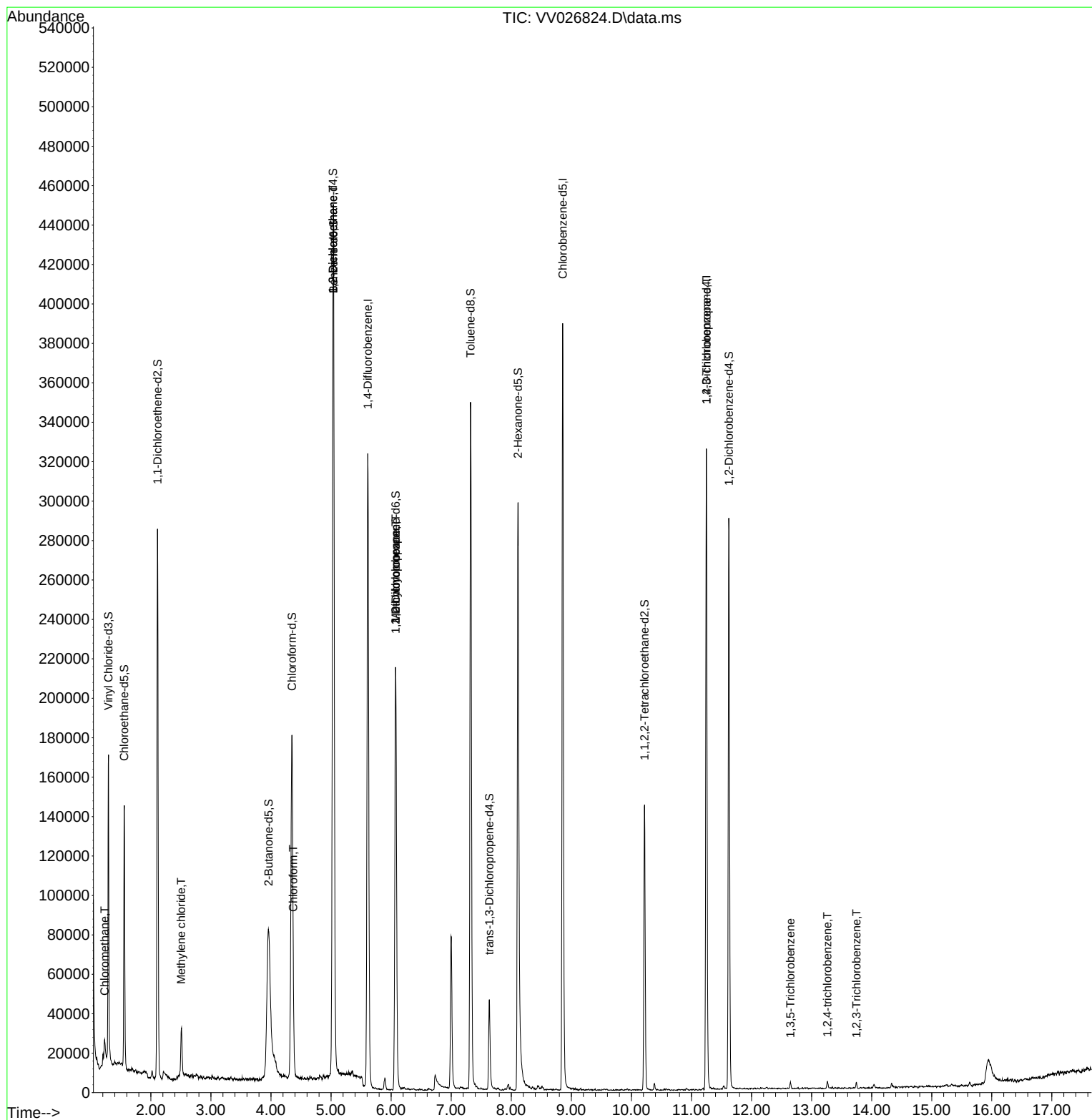
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	278827	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	217366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86198	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	98001	3.853	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.558	69	87038	3.960	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.111	63	142999	2.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.600%#
20) 2-Butanone-d5	3.960	46	202390	50.979	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.960%
24) Chloroform-d	4.349	84	182268	4.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.034	65	87896	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.040	84	363912	5.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
36) 1,2-Dichloropropane-d6	6.076	67	106661	5.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.323	98	236102	4.027	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.635	79	26828	4.141	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.111	63	105820	37.722	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.440%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	70414	4.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	74131	4.936	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
3) Chloromethane	1.230	50	7275	0.214	ug/L	97
16) Methylene chloride	2.507	84	10059	0.345	ug/L	97
25) Chloroform	4.371	83	2927	0.068	ug/L	77
27) 1,2-Dichloroethane	5.034	62	1885	0.081	ug/L	95
35) Methylcyclohexane	6.076	83	25818	0.947	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	10922	0.629	ug/L #	84
61) 1,2,3-Trichloropropane	11.249	75	10703	1.346	ug/L #	63
69) 1,3,5-Trichlorobenzene	12.648	180	1310	0.070	ug/L #	93
70) 1,2,4-trichlorobenzene	13.265	180	1522	0.107	ug/L	96
72) 1,2,3-Trichlorobenzene	13.747	180	1013	0.077	ug/L	98

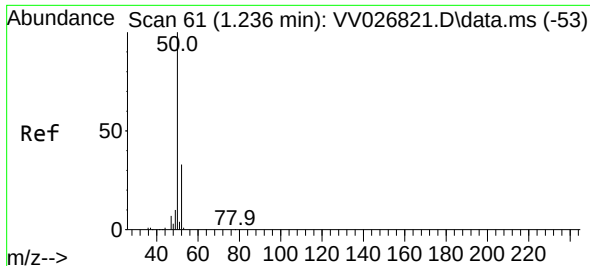
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 20 05:46:20 2022
Response via : Initial Calibration

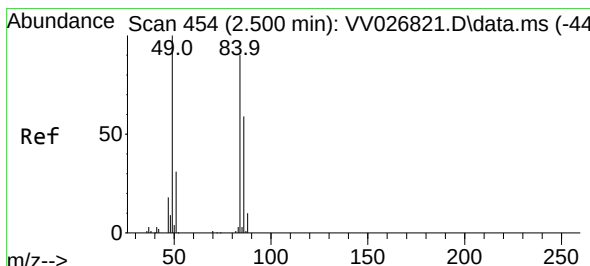
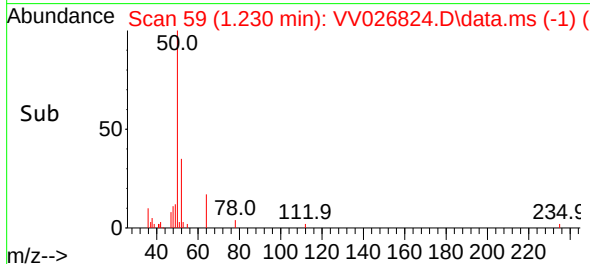
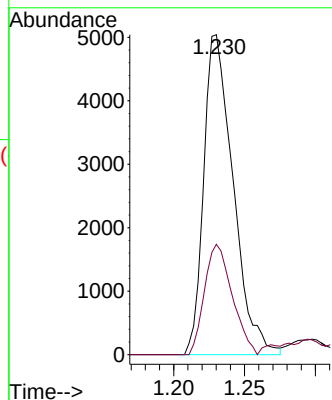
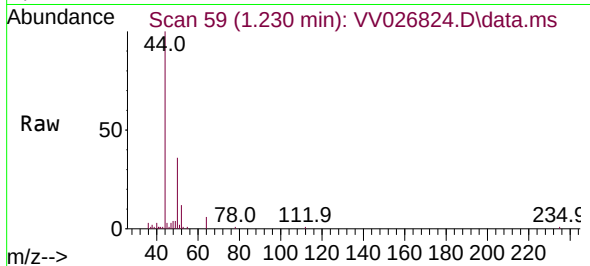




#3
Chloromethane
Concen: 0.214 ug/L
RT: 1.230 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV026824.D
Acq: 19 Jul 2022 13:51

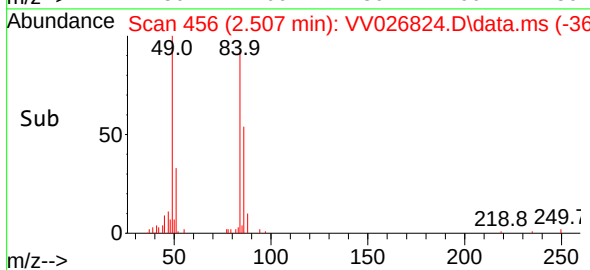
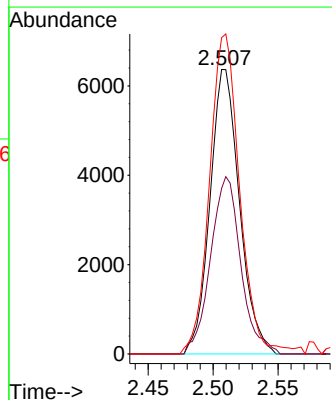
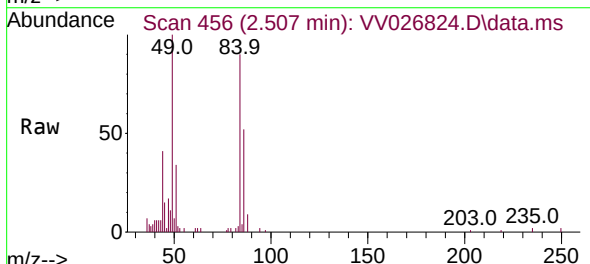
Instrument :
MSVOA_V
ClientSampleId :

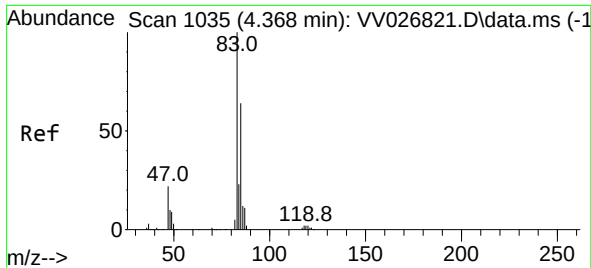
Tgt Ion: 50 Resp: 7275
Ion Ratio Lower Upper
50 100
52 34.5 22.8 42.4



#16
Methylene chloride
Concen: 0.345 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.007 min
Lab File: VV026824.D
Acq: 19 Jul 2022 13:51

Tgt Ion: 84 Resp: 10059
Ion Ratio Lower Upper
84 100
86 58.2 44.8 83.2
49 111.2 78.7 146.1

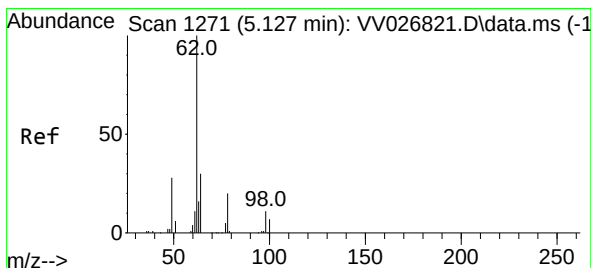
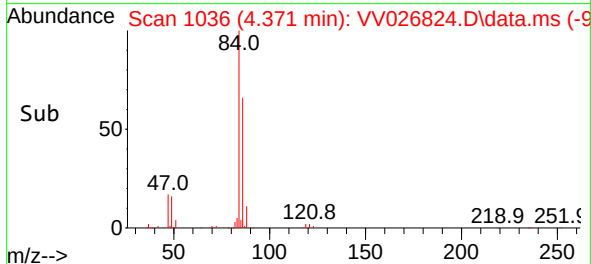
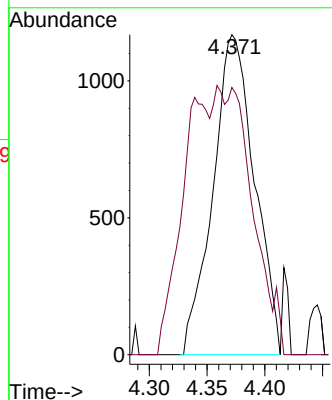
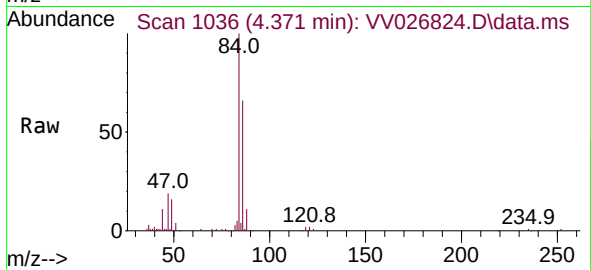




#25
Chloroform
Concen: 0.068 ug/L
RT: 4.371 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV026824.D
Acq: 19 Jul 2022 13:51

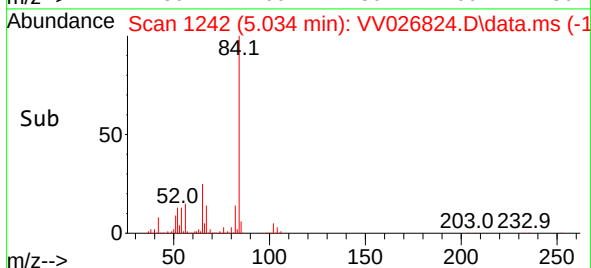
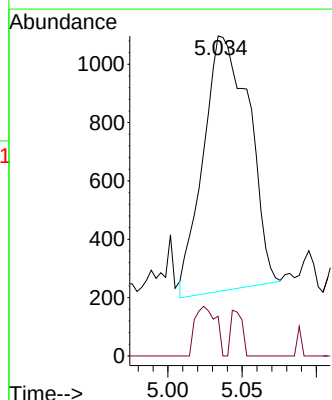
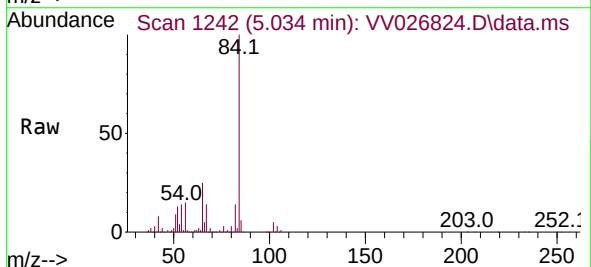
Instrument :
MSVOA_V
ClientSampleId :

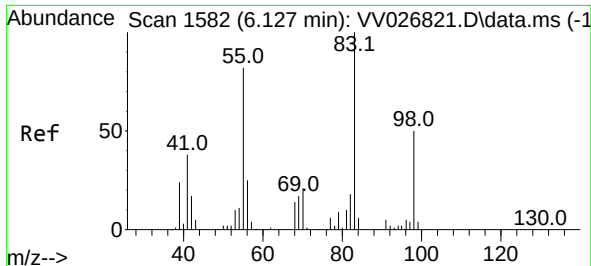
Tgt Ion: 83 Resp: 2927
Ion Ratio Lower Upper
83 100
85 83.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.081 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.093 min
Lab File: VV026824.D
Acq: 19 Jul 2022 13:51

Tgt Ion: 62 Resp: 1885
Ion Ratio Lower Upper
62 100
98 12.4 8.3 12.5

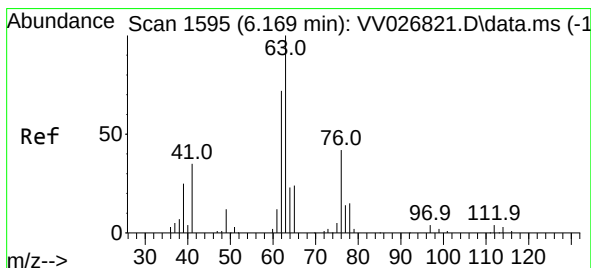
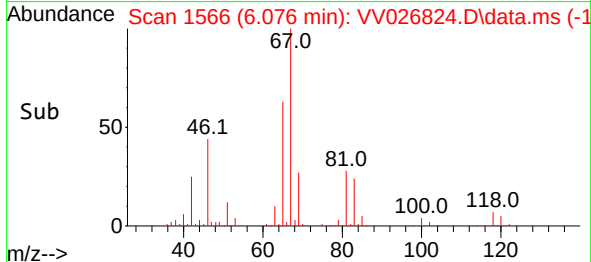
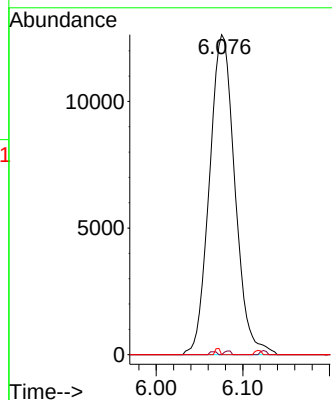
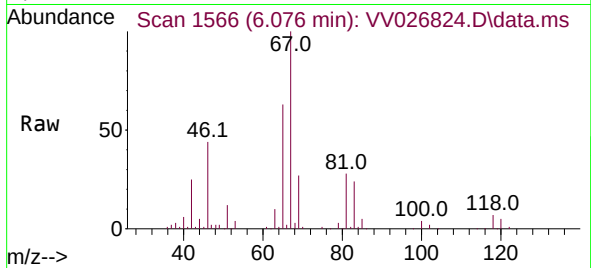




#35
Methylcyclohexane
Concen: 0.947 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.051 min
Lab File: VV026824.D
Acq: 19 Jul 2022 13:51

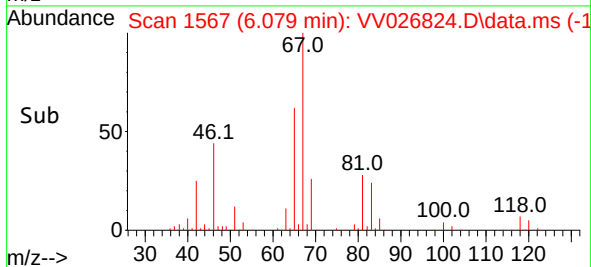
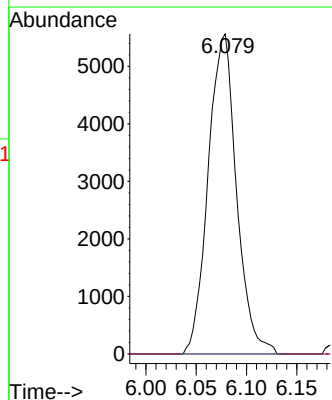
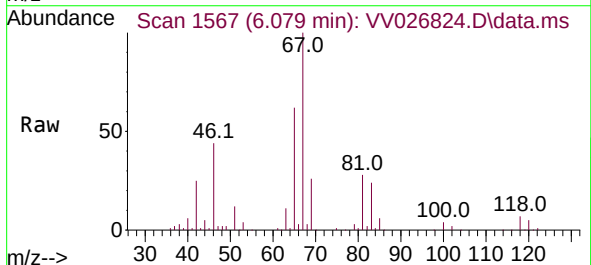
Instrument :
MSVOA_V
ClientSampleId :

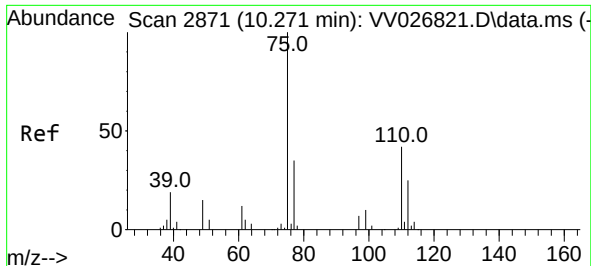
Tgt Ion: 83 Resp: 25818
Ion Ratio Lower Upper
83 100
55 0.3 59.5 89.3#
98 0.4 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.090 min
Lab File: VV026824.D
Acq: 19 Jul 2022 13:51

Tgt Ion: 63 Resp: 10922
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#

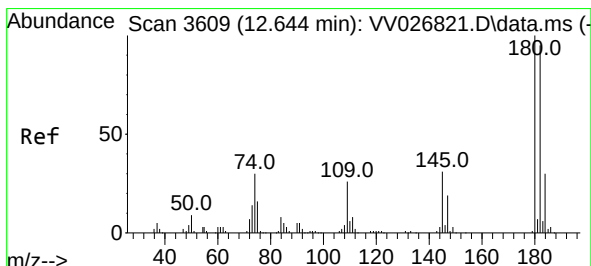
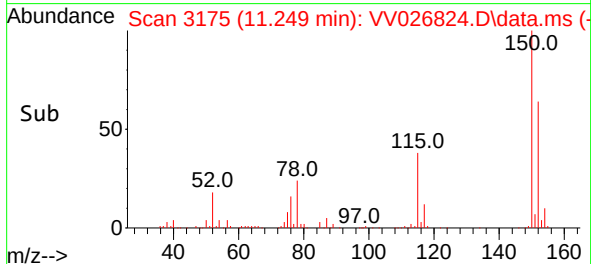
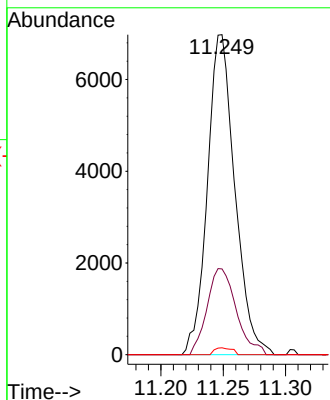
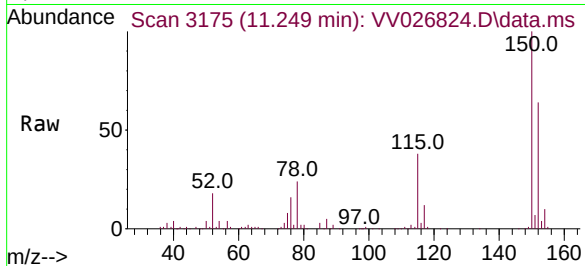




#61
1,2,3-Trichloropropane
Concen: 1.346 ug/L
RT: 11.249 min Scan# 31175
Delta R.T. 0.978 min
Lab File: VV026824.D
Acq: 19 Jul 2022 13:51

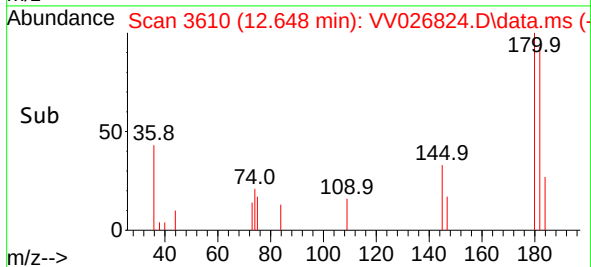
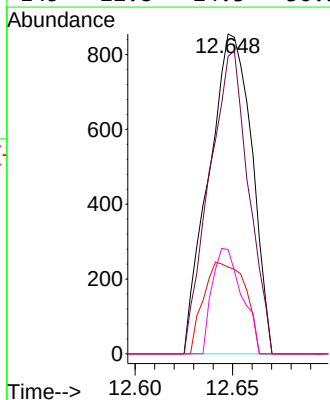
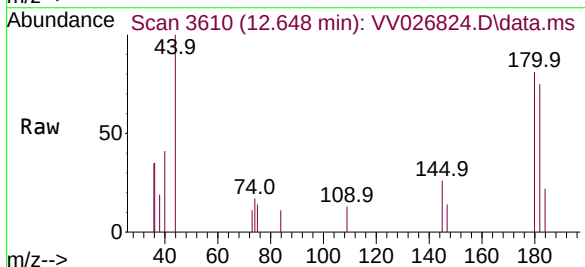
Instrument :
MSVOA_V
ClientSampleId :

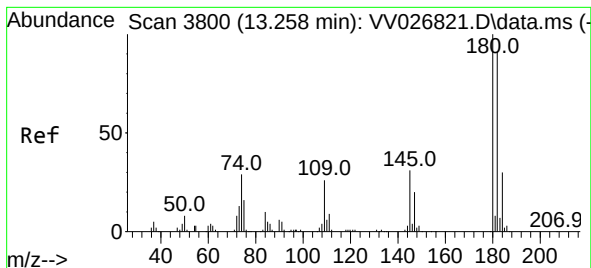
Tgt Ion: 75 Resp: 10703
Ion Ratio Lower Upper
75 100
77 28.6 25.4 38.0
110 1.4 31.8 47.6#



#69
1,3,5-Trichlorobenzene
Concen: 0.070 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV026824.D
Acq: 19 Jul 2022 13:51

Tgt Ion:180 Resp: 1310
Ion Ratio Lower Upper
180 100
182 86.4 74.0 111.0
184 27.6 23.1 34.7
145 22.8 24.3 36.5#





#70

1,2,4-trichlorobenzene

Concen: 0.107 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.007 min

Lab File: VV026824.D

Acq: 19 Jul 2022 13:51

Instrument :

MSVOA_V

ClientSampleId :

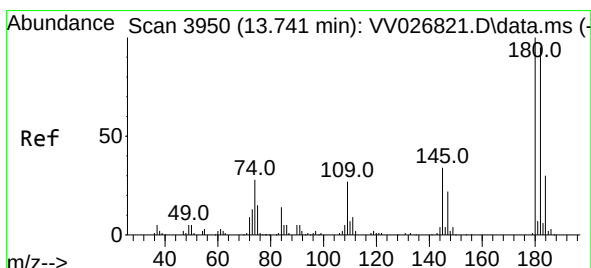
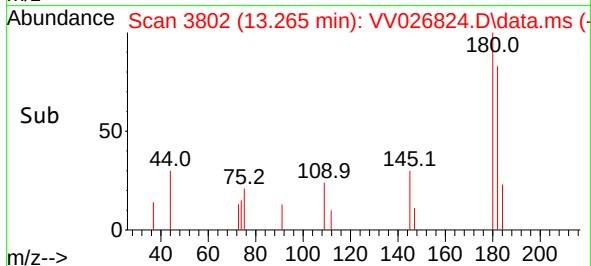
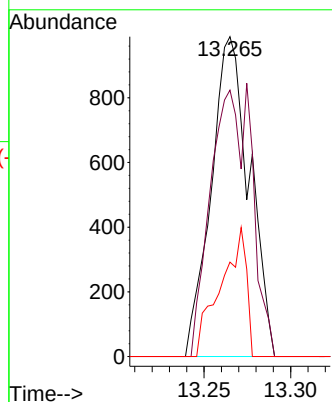
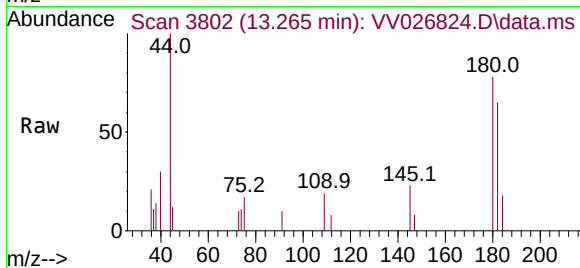
Tgt Ion:180 Resp: 1522

Ion Ratio Lower Upper

180 100

182 90.7 74.7 112.1

145 27.0 24.7 37.1



#72

1,2,3-Trichlorobenzene

Concen: 0.077 ug/L

RT: 13.747 min Scan# 3952

Delta R.T. 0.007 min

Lab File: VV026824.D

Acq: 19 Jul 2022 13:51

Tgt Ion:180 Resp: 1013

Ion Ratio Lower Upper

180 100

182 95.3 75.0 112.4

145 29.8 26.0 39.0

