

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062022\
 Data File : VV026451.D
 Acq On : 20 Jun 2022 17:25
 Operator : SY/MD
 Sample : VV0620WBL02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

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

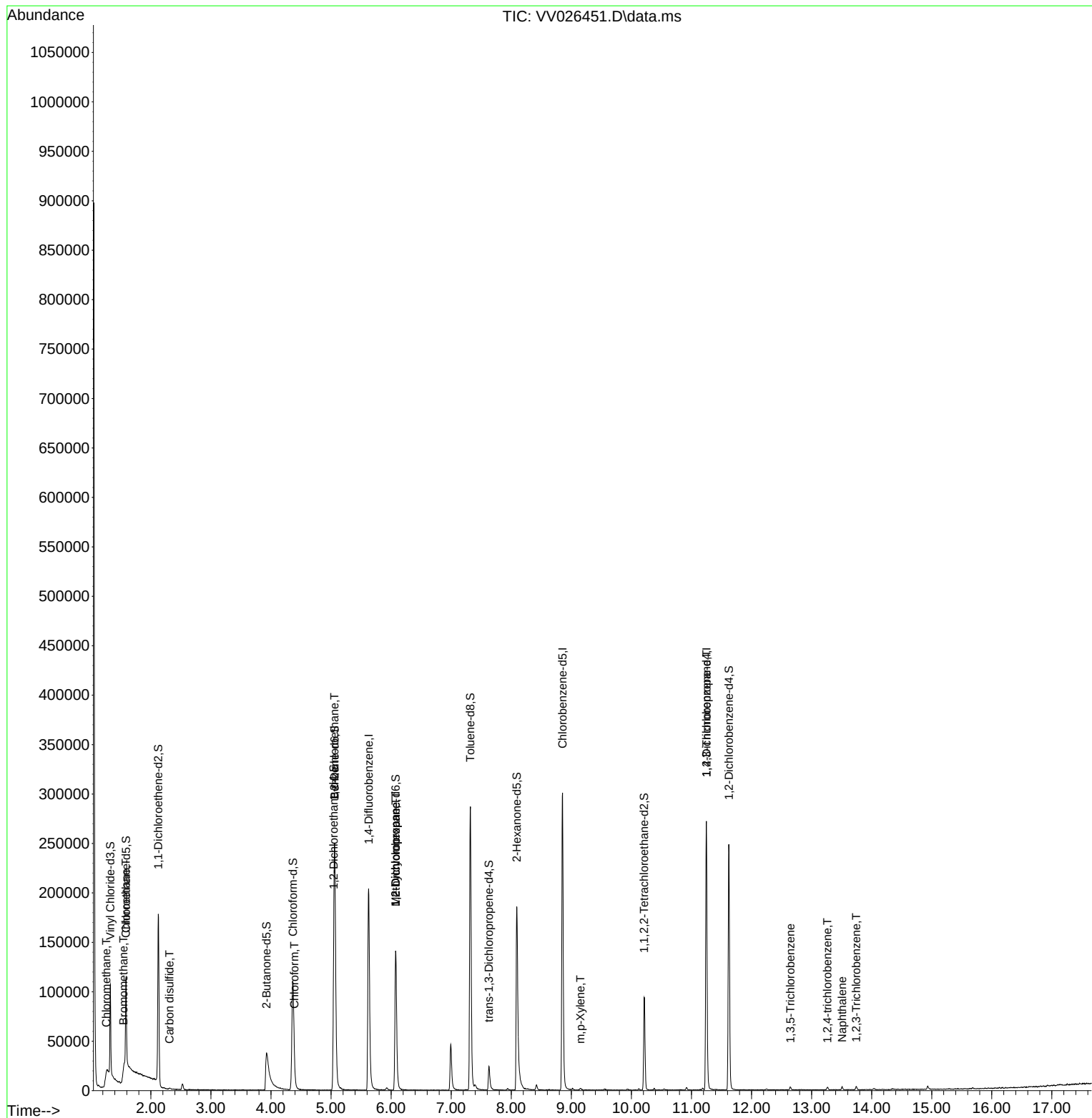
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	184475	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	175856	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74529	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.326	65	61493	3.838	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.587	69	55587	4.412	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.124	63	92201	3.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.924	46	91099	58.268	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.540%
24) Chloroform-d	4.365	84	120253	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.043	65	49886	5.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.059	84	242513	5.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.075	67	72560	5.288	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.320	98	200320	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.628	79	15520	3.488	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.091	63	69645	51.816	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46106	5.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	65566	5.711	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	1083	0.071	ug/L #	81
6) Bromomethane	1.542	94	998	0.112	ug/L #	70
8) Chloroethane	1.584	64	74550	7.541	ug/L #	49
14) Carbon disulfide	2.310	76	2029	0.071	ug/L #	82
25) Chloroform	4.391	83	2949	0.126	ug/L	99
27) 1,2-Dichloroethane	5.056	62	1418	0.133	ug/L #	71
35) Methylcyclohexane	6.075	83	17562	1.031	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	7525	0.638	ug/L #	89
53) m,p-Xylene	9.152	106	790	0.043	ug/L	75
61) 1,2,3-Trichloropropane	11.249	75	9956	2.059	ug/L #	64
69) 1,3,5-Trichlorobenzene	12.648	180	1342	0.095	ug/L	91
70) 1,2,4-trichlorobenzene	13.265	180	1190	0.114	ug/L #	88
71) Naphthalene	13.509	128	2932	0.203	ug/L	96
72) 1,2,3-Trichlorobenzene	13.744	180	1267	0.145	ug/L #	91

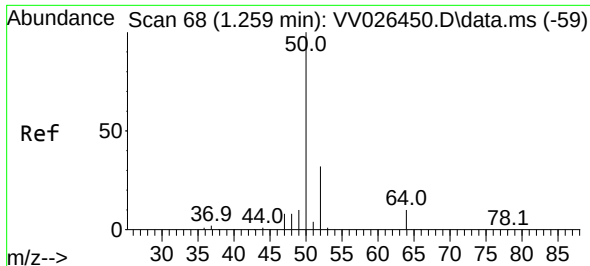
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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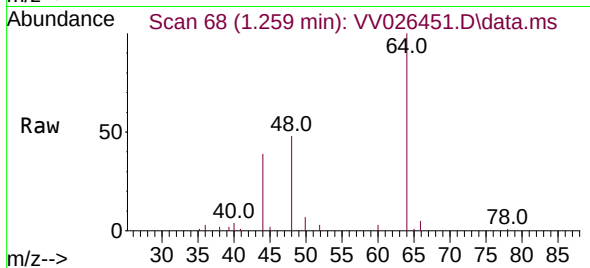
Quant Time: Jun 21 05:26:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
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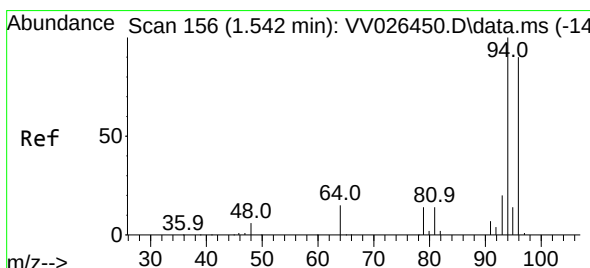
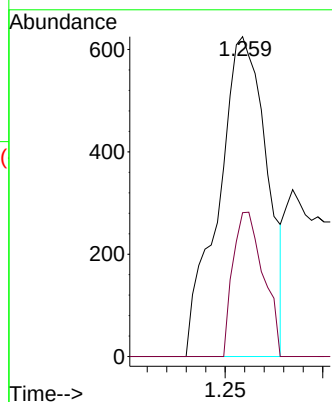
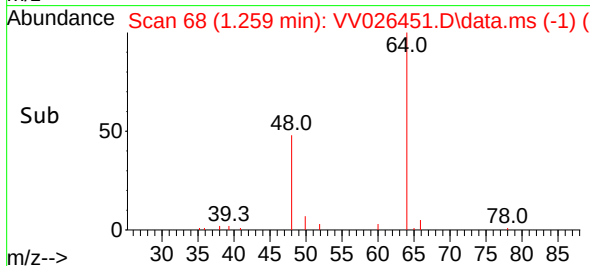


#3
Chloromethane
Concen: 0.071 ug/L
RT: 1.259 min Scan# 68
Delta R.T. -0.000 min
Lab File: VV026451.D
Acq: 20 Jun 2022 17:25

Instrument :
MSVOA_V
ClientSampleId :

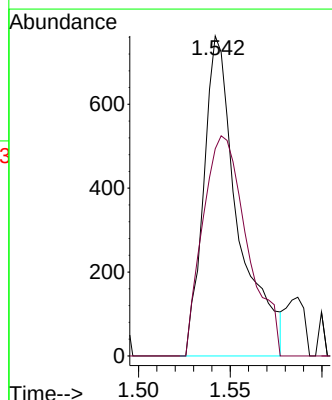
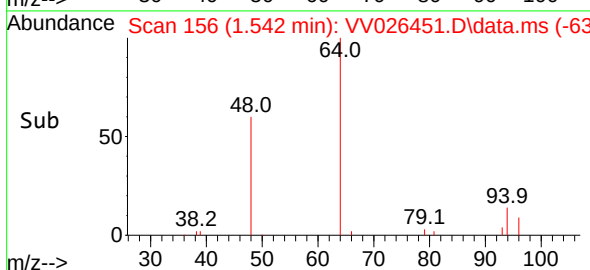
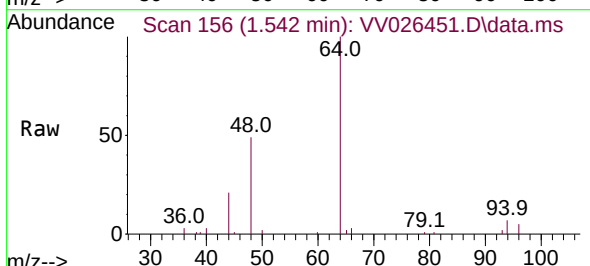


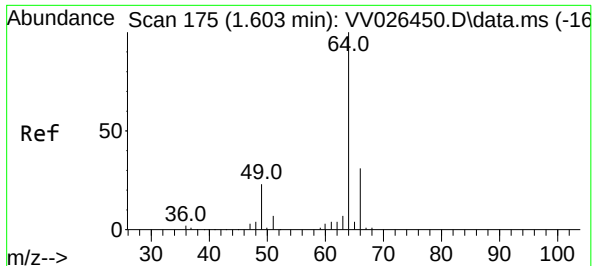
Tgt Ion: 50 Resp: 1083
Ion Ratio Lower Upper
50 100
52 45.0 23.7 44.1#



#6
Bromomethane
Concen: 0.112 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV026451.D
Acq: 20 Jun 2022 17:25

Tgt Ion: 94 Resp: 998
Ion Ratio Lower Upper
94 100
96 64.7 65.7 121.9#

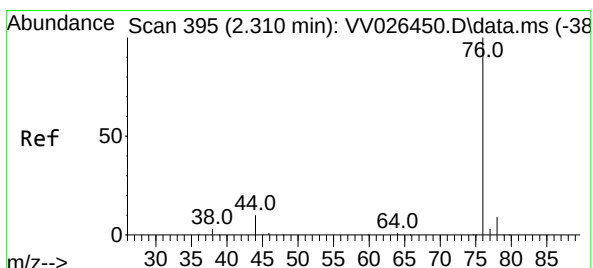
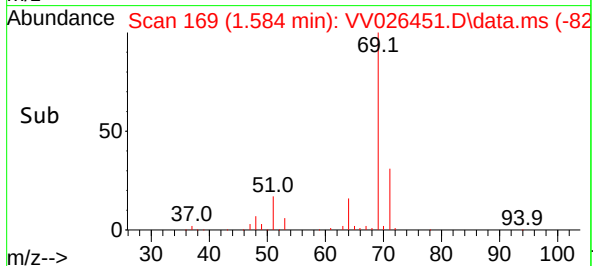
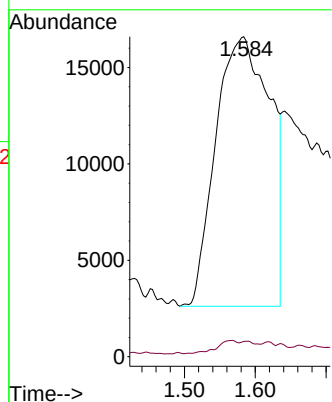
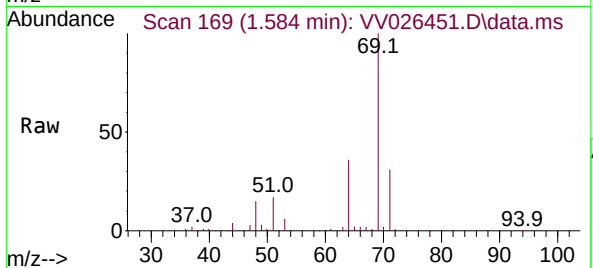




#8
Chloroethane
Concen: 7.541 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.019 min
Lab File: VV026451.D
Acq: 20 Jun 2022 17:25

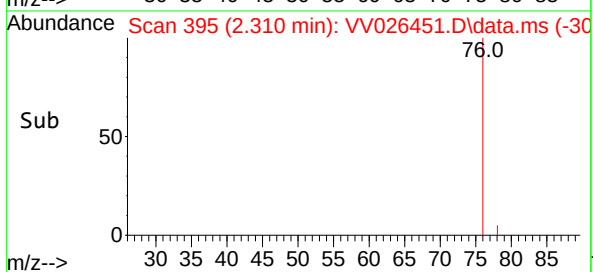
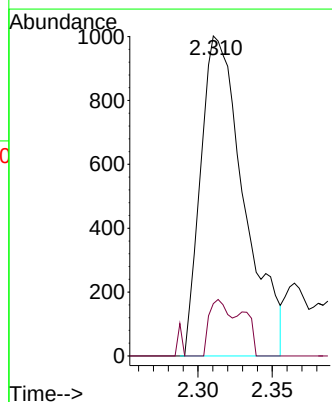
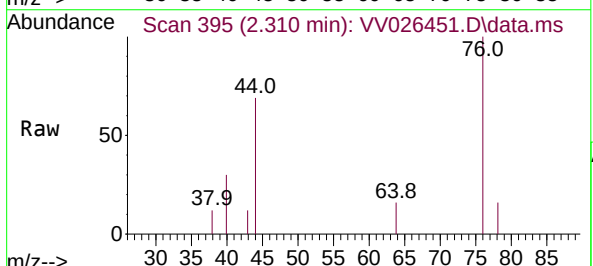
Instrument :
MSVOA_V
ClientSampleId :

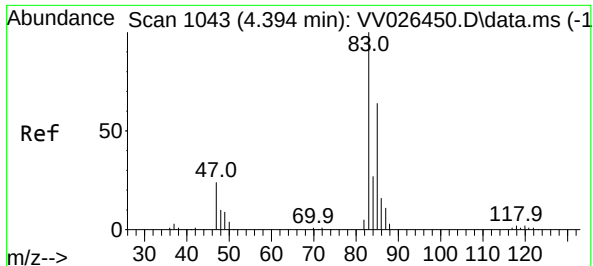
Tgt Ion: 64 Resp: 74550
Ion Ratio Lower Upper
64 100
66 4.8 24.1 44.7#



#14
Carbon disulfide
Concen: 0.071 ug/L
RT: 2.310 min Scan# 395
Delta R.T. -0.000 min
Lab File: VV026451.D
Acq: 20 Jun 2022 17:25

Tgt Ion: 76 Resp: 2029
Ion Ratio Lower Upper
76 100
78 16.4 7.7 11.5#





#25

Chloroform

Concen: 0.126 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. -0.003 min

Lab File: VV026451.D

Acq: 20 Jun 2022 17:25

Instrument :

MSVOA_V

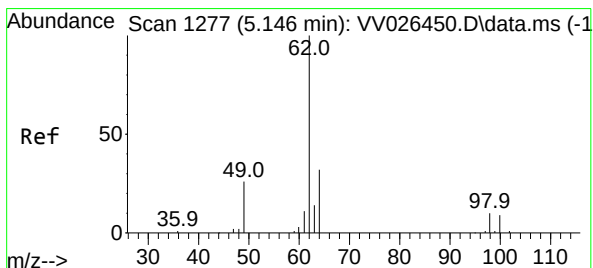
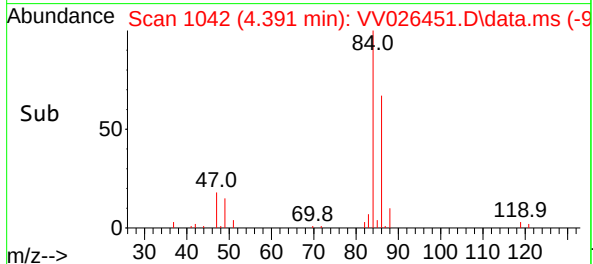
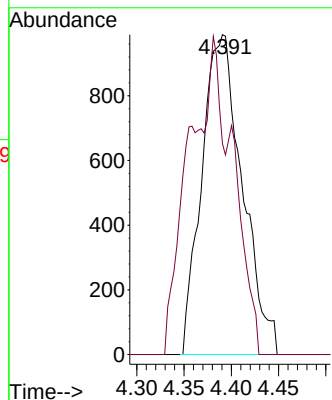
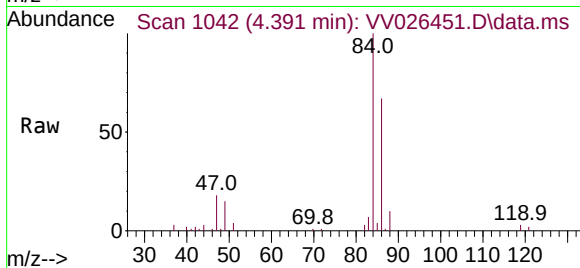
ClientSampleId :

Tgt Ion: 83 Resp: 2949

Ion Ratio Lower Upper

83 100

85 65.9 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.133 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.090 min

Lab File: VV026451.D

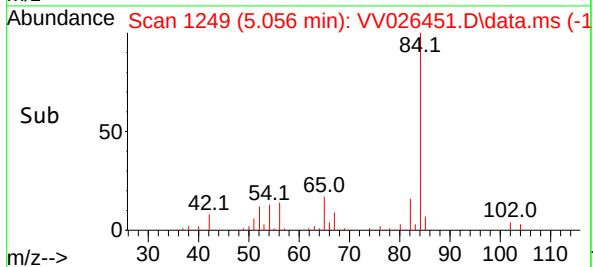
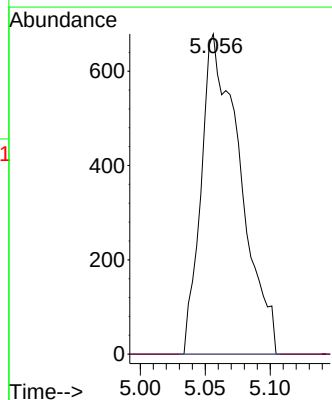
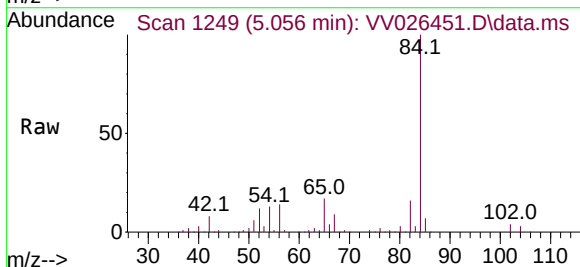
Acq: 20 Jun 2022 17:25

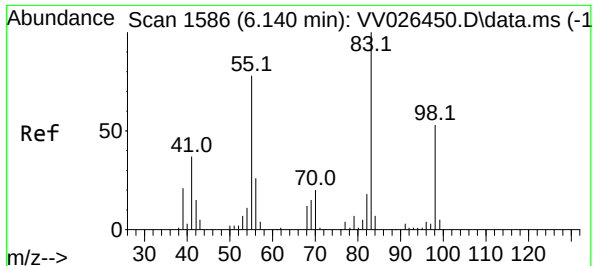
Tgt Ion: 62 Resp: 1418

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#

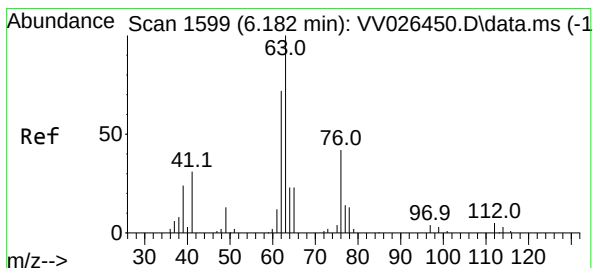
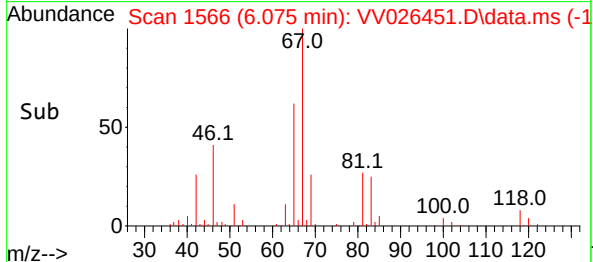
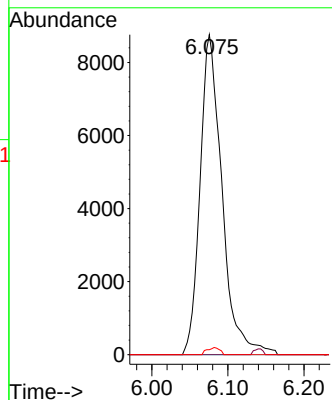
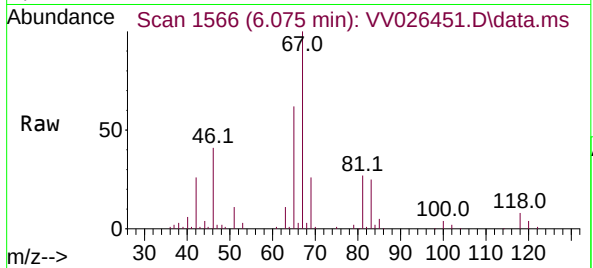




#35
Methylcyclohexane
Concen: 1.031 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.064 min
Lab File: VV026451.D
Acq: 20 Jun 2022 17:25

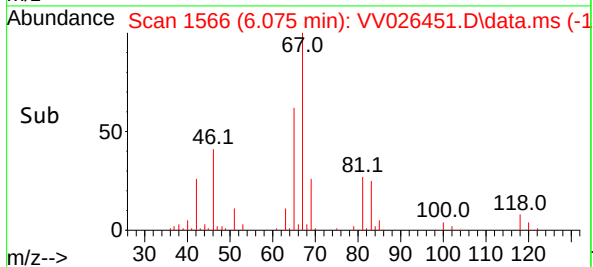
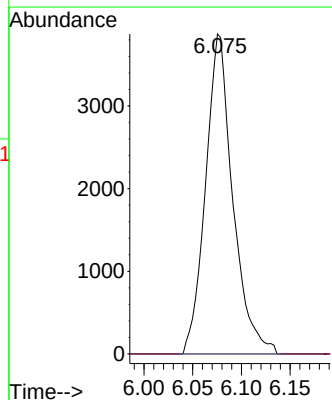
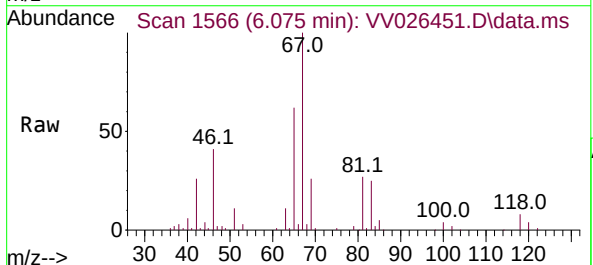
Instrument :
MSVOA_V
ClientSampleId :

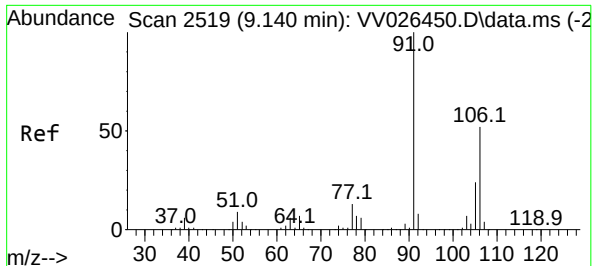
Tgt Ion: 83 Resp: 17562
Ion Ratio Lower Upper
83 100
55 0.7 59.3 88.9#
98 1.3 39.9 59.9#



#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.106 min
Lab File: VV026451.D
Acq: 20 Jun 2022 17:25

Tgt Ion: 63 Resp: 7525
Ion Ratio Lower Upper
63 100
112 0.6 3.3 4.9#

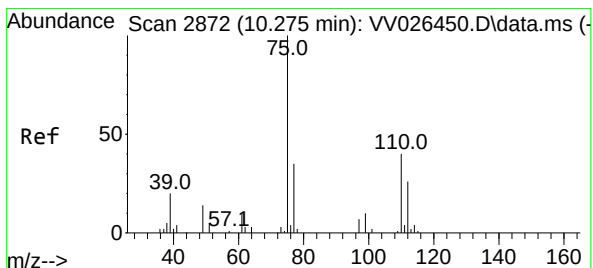
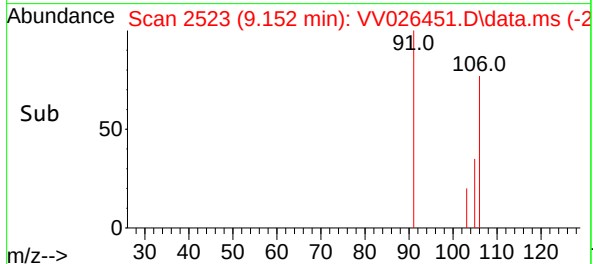
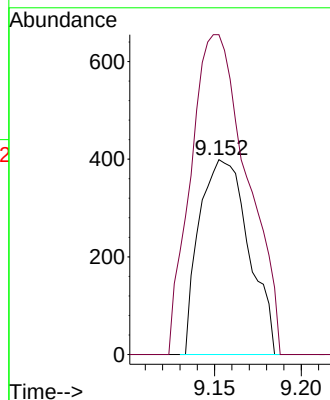
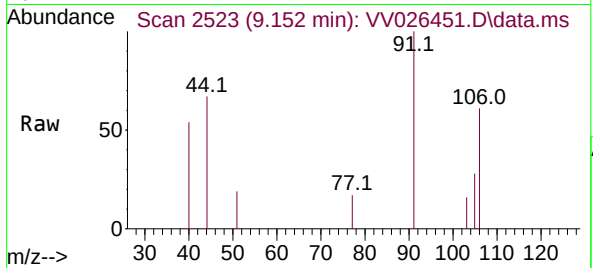




#53
m,p-Xylene
Concen: 0.043 ug/L
RT: 9.152 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV026451.D
Acq: 20 Jun 2022 17:25

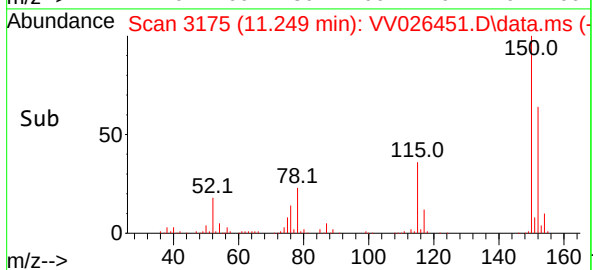
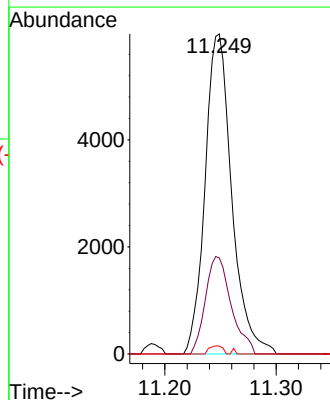
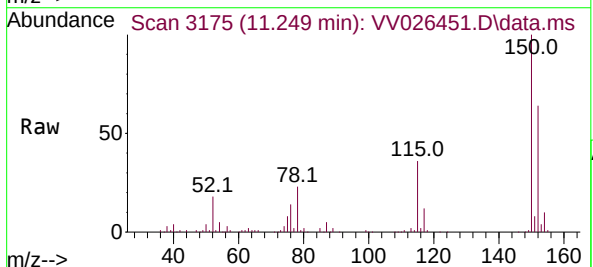
Instrument :
MSVOA_V
ClientSampleId :

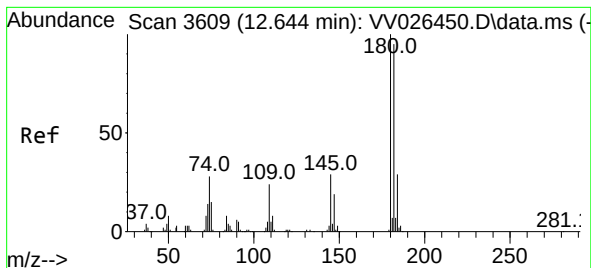
Tgt Ion:106 Resp: 790
Ion Ratio Lower Upper
106 100
91 164.2 141.3 262.3



#61
1,2,3-Trichloropropane
Concen: 2.059 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV026451.D
Acq: 20 Jun 2022 17:25

Tgt Ion: 75 Resp: 9956
Ion Ratio Lower Upper
75 100
77 29.3 26.9 40.3
110 1.3 30.7 46.1#





#69

1,3,5-Trichlorobenzene

Concen: 0.095 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.003 min

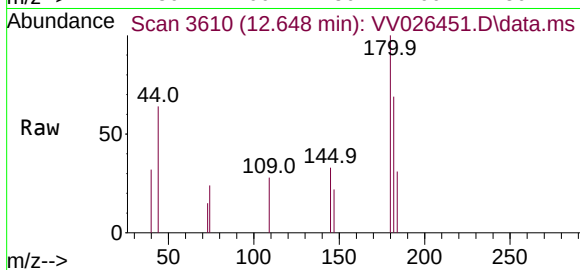
Lab File: VV026451.D

Acq: 20 Jun 2022 17:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1342

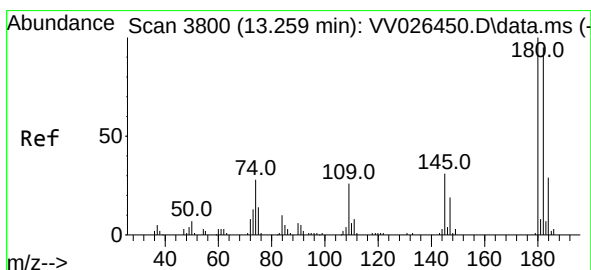
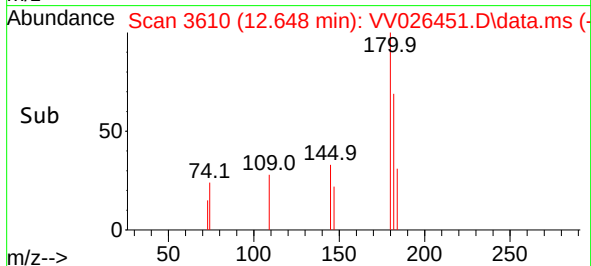
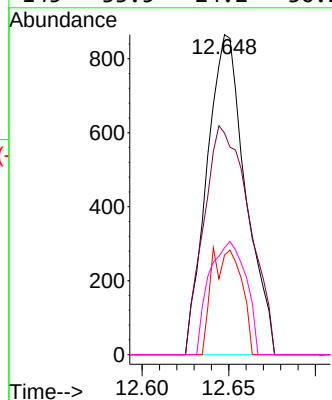
Ion Ratio Lower Upper

180 100

182 83.8 75.5 113.3

184 25.5 23.7 35.5

145 33.5 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 0.114 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV026451.D

Acq: 20 Jun 2022 17:25

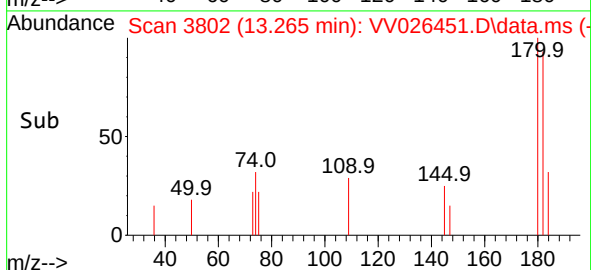
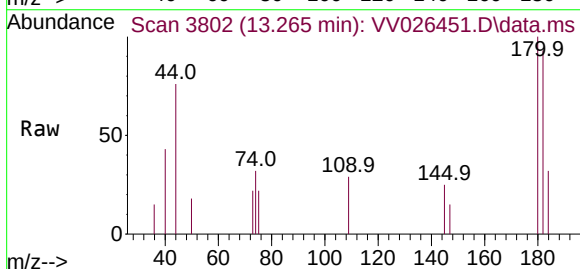
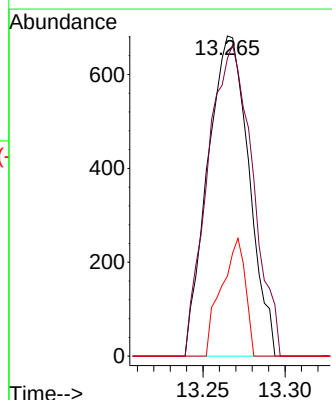
Tgt Ion:180 Resp: 1190

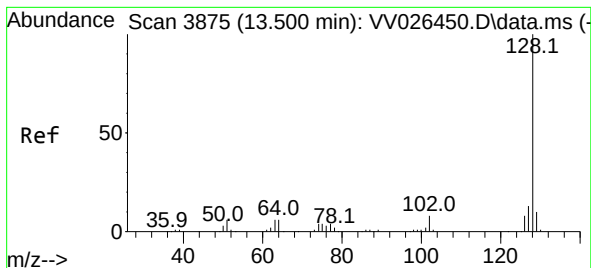
Ion Ratio Lower Upper

180 100

182 105.6 76.2 114.2

145 21.3 23.9 35.9#





#71

Naphthalene

Concen: 0.203 ug/L

RT: 13.509 min Scan# 3875

Delta R.T. 0.009 min

Lab File: VV026451.D

Acq: 20 Jun 2022 17:25

Instrument :

MSVOA_V

ClientSampleId :

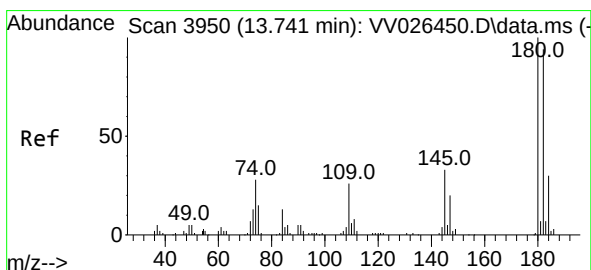
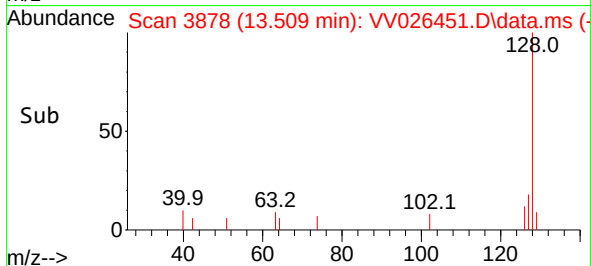
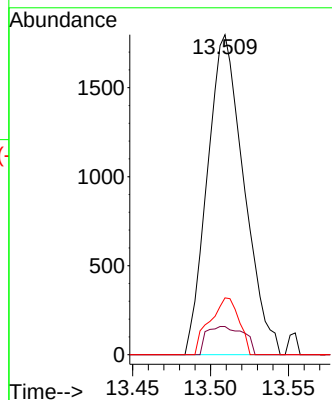
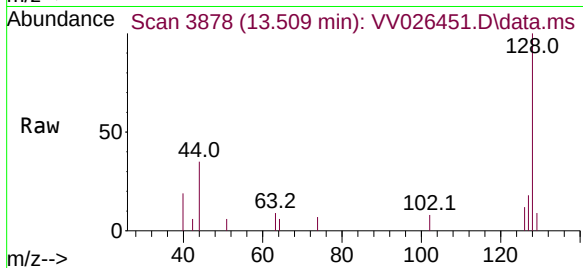
Tgt Ion:128 Resp: 2932

Ion Ratio Lower Upper

128 100

129 8.9 8.7 13.1

127 14.2 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 0.145 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV026451.D

Acq: 20 Jun 2022 17:25

Tgt Ion:180 Resp: 1267

Ion Ratio Lower Upper

180 100

182 94.6 77.9 116.9

145 17.0 26.7 40.1#

