

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083022\
 Data File : VW027581.D
 Acq On : 30 Aug 2022 13:11
 Operator : SY/MD
 Sample : N4402-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 04:47:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

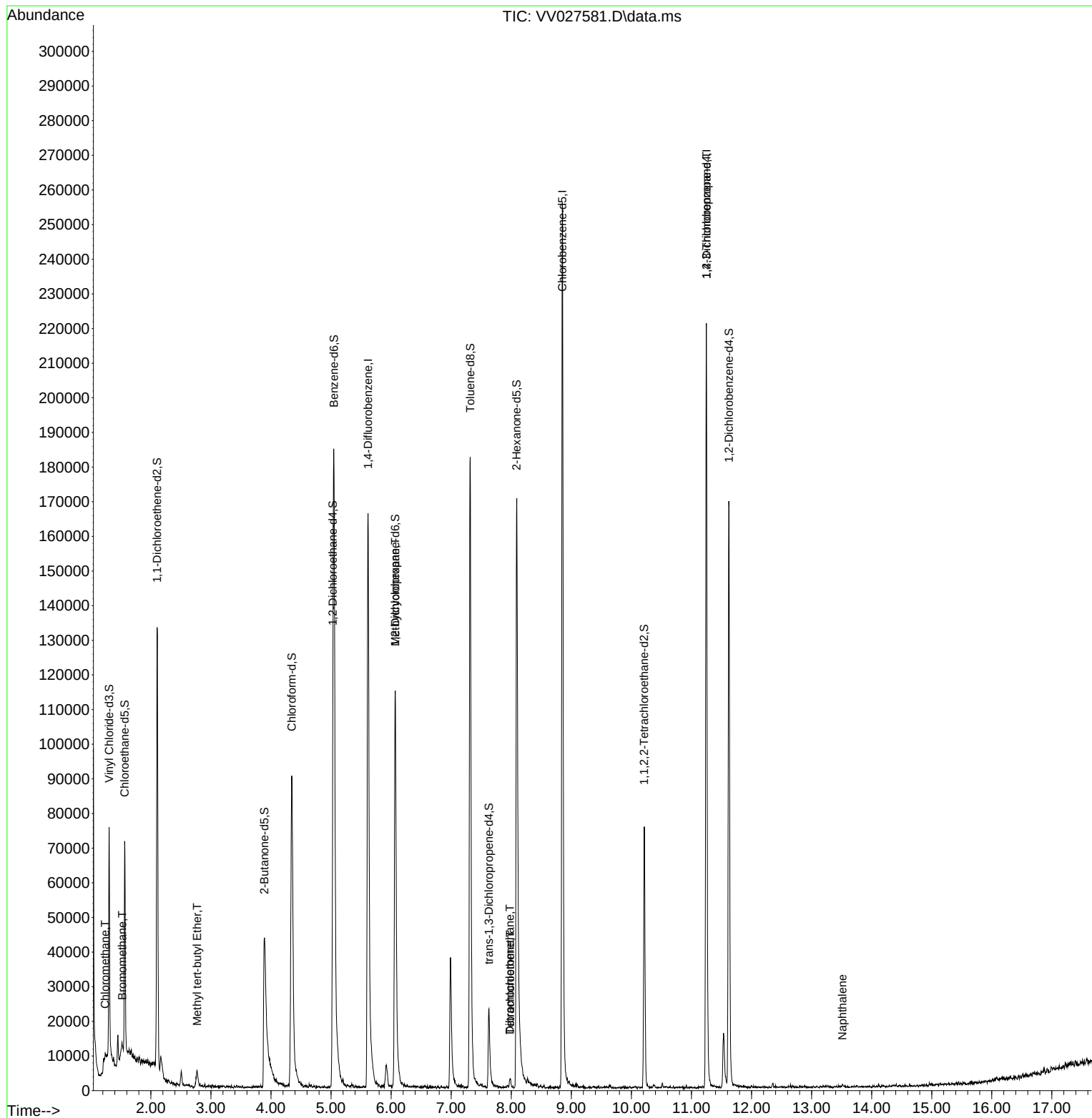
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	148747	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	140582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49670	4.692	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.564	69	39231	5.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.105	63	67523	2.735	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.800%#
20) 2-Butanone-d5	3.889	46	99265	75.345	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	150.700%#
24) Chloroform-d	4.346	84	94966	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.030	65	45598	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.047	84	172507	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.069	67	57400	5.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.317	98	125054	3.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	7.628	79	14334	3.698	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.088	63	58606	45.930	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.860%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34935	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	43202	4.979	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1104	0.080	ug/L #	65
6) Bromomethane	1.523	94	834	0.122	ug/L	89
17) Methyl tert-butyl Ether	2.770	73	3717	0.160	ug/L #	89
35) Methylcyclohexane	6.069	83	13801	0.798	ug/L #	15
47) Tetrachloroethene	7.982	164	574	0.060	ug/L	91
49) Dibromochloromethane	7.979	129	483	0.049	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	6508	1.267	ug/L #	65
71) Naphthalene	13.512	128	756	0.053	ug/L #	69

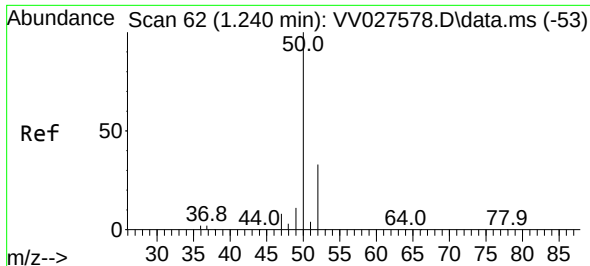
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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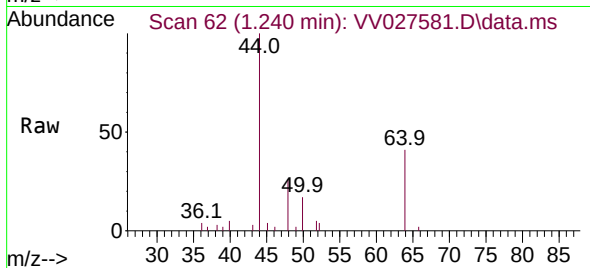
Quant Time: Aug 31 04:47:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 31 04:45:39 2022
Response via : Initial Calibration



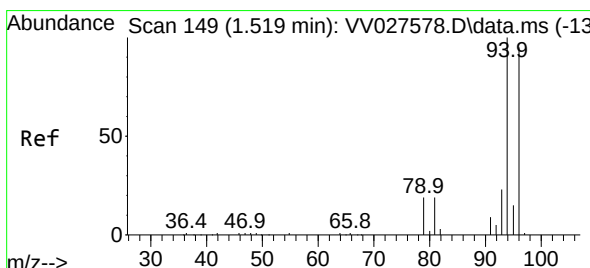
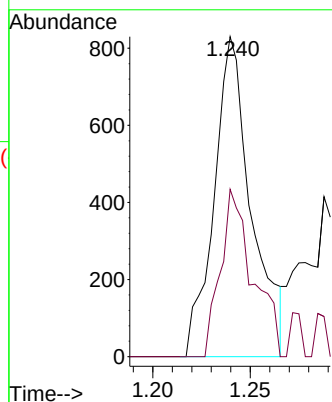
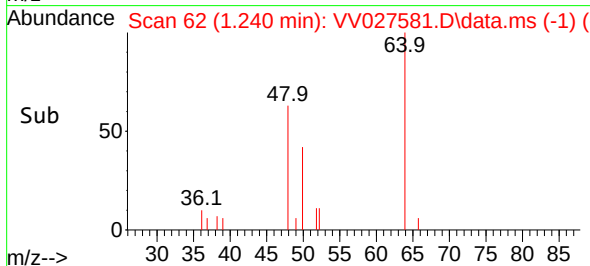


#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027581.D
Acq: 30 Aug 2022 13:11

Instrument :
MSVOA_V
ClientSampleId :

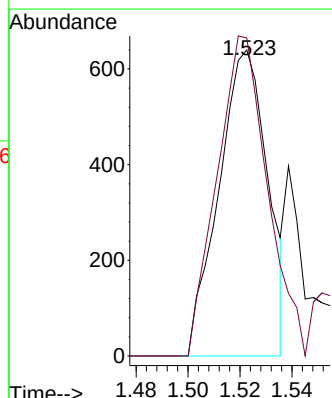
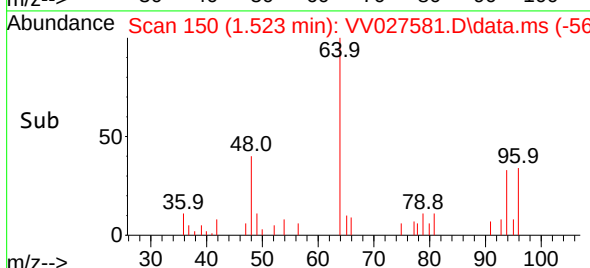
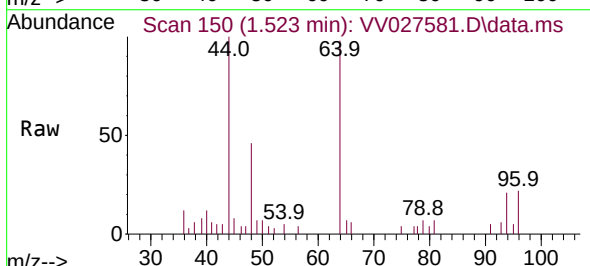


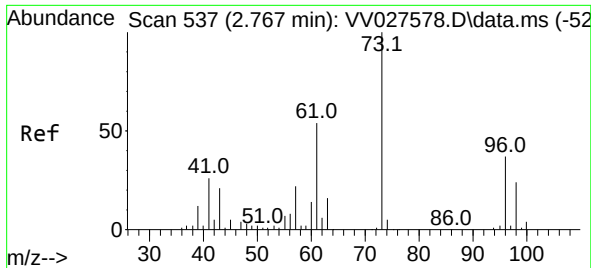
Tgt Ion: 50 Resp: 1104
Ion Ratio Lower Upper
50 100
52 52.3 22.8 42.4#



#6
Bromomethane
Concen: 0.122 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027581.D
Acq: 30 Aug 2022 13:11

Tgt Ion: 94 Resp: 834
Ion Ratio Lower Upper
94 100
96 103.9 65.2 121.0

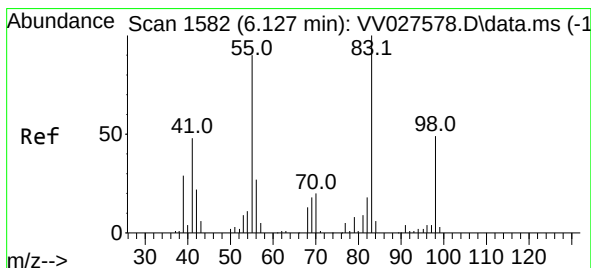
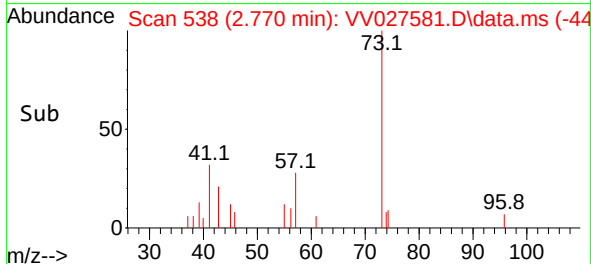
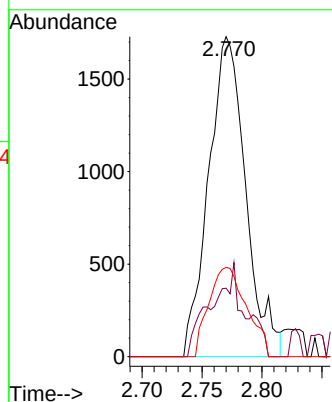
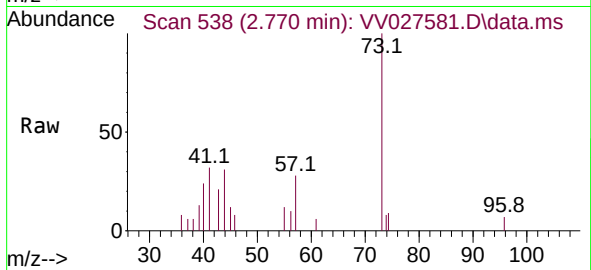




#17
Methyl tert-butyl Ether
Concen: 0.160 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027581.D
Acq: 30 Aug 2022 13:11

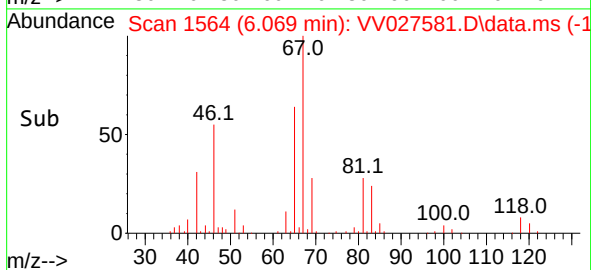
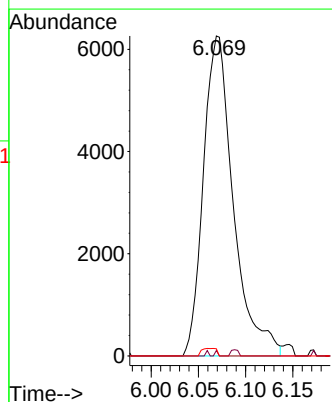
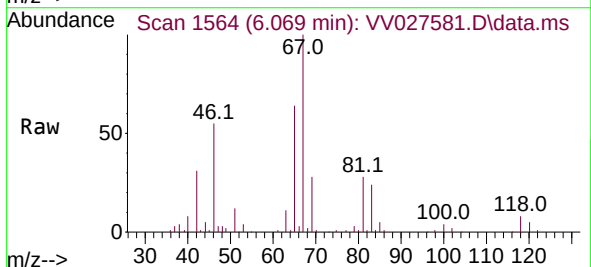
Instrument :
MSVOA_V
ClientSampleId :

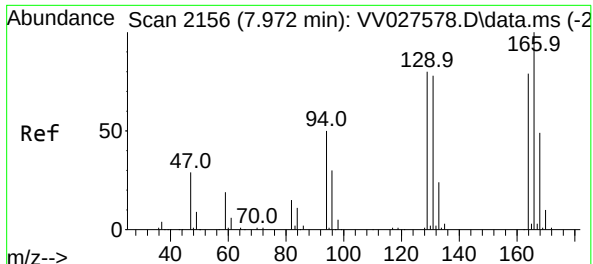
Tgt Ion: 73 Resp: 3717
Ion Ratio Lower Upper
73 100
43 22.8 15.6 23.4
57 28.4 17.0 25.6#



#35
Methylcyclohexane
Concen: 0.798 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027581.D
Acq: 30 Aug 2022 13:11

Tgt Ion: 83 Resp: 13801
Ion Ratio Lower Upper
83 100
55 0.2 68.2 102.4#
98 0.0 39.0 58.4#





#47

Tetrachloroethene

Concen: 0.060 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

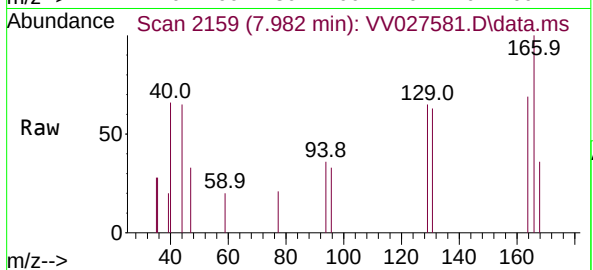
Lab File: VV027581.D

Acq: 30 Aug 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 574

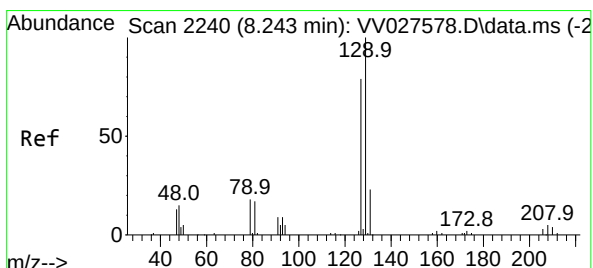
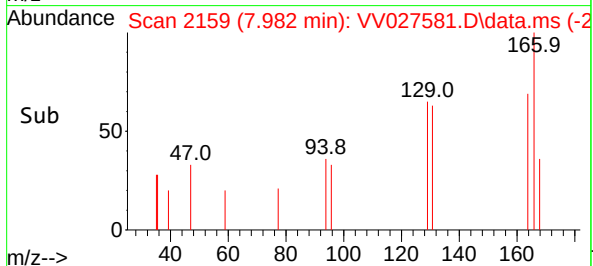
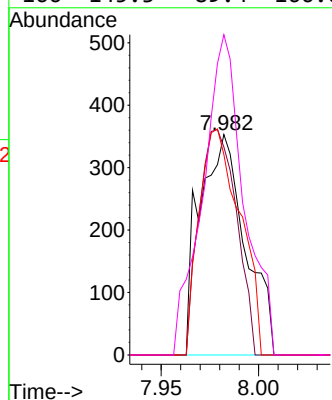
Ion Ratio Lower Upper

164 100

129 94.3 71.1 132.1

131 90.9 64.5 119.9

166 145.3 89.4 166.0



#49

Dibromochloromethane

Concen: 0.049 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV027581.D

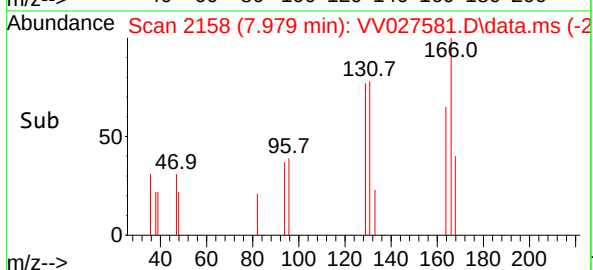
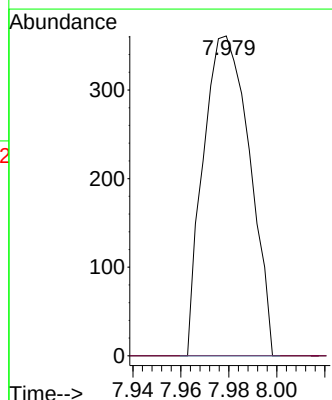
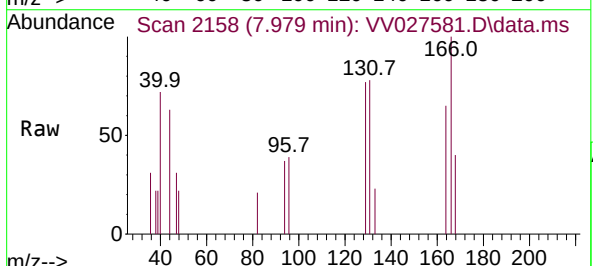
Acq: 30 Aug 2022 13:11

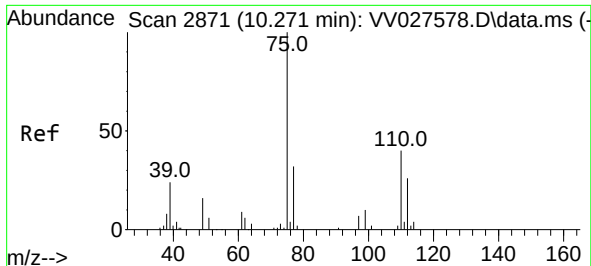
Tgt Ion:129 Resp: 483

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 1.267 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027581.D

Acq: 30 Aug 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

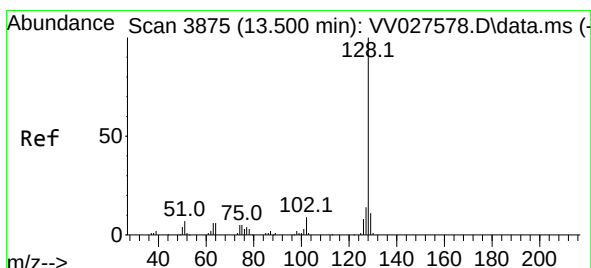
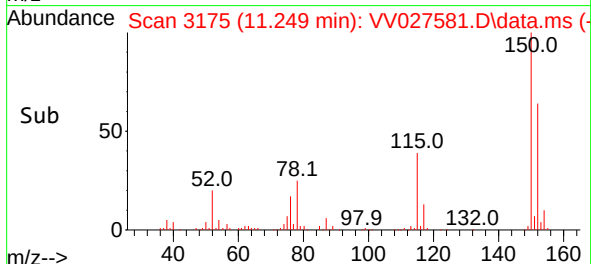
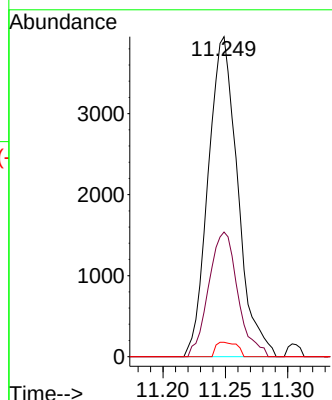
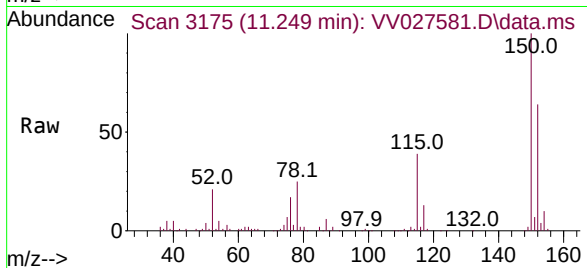
Tgt Ion: 75 Resp: 6508

Ion Ratio Lower Upper

75 100

77 38.4 26.2 39.2

110 3.2 29.9 44.9#



#71

Naphthalene

Concen: 0.053 ug/L

RT: 13.512 min Scan# 3879

Delta R.T. 0.013 min

Lab File: VV027581.D

Acq: 30 Aug 2022 13:11

Tgt Ion:128 Resp: 756

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.4 15.6#

