

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027706.D
 Acq On : 02 Sep 2022 07:56
 Operator : SY/MD
 Sample : N4402-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 04:14:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 03:03:49 2022
 Response via : Initial Calibration

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

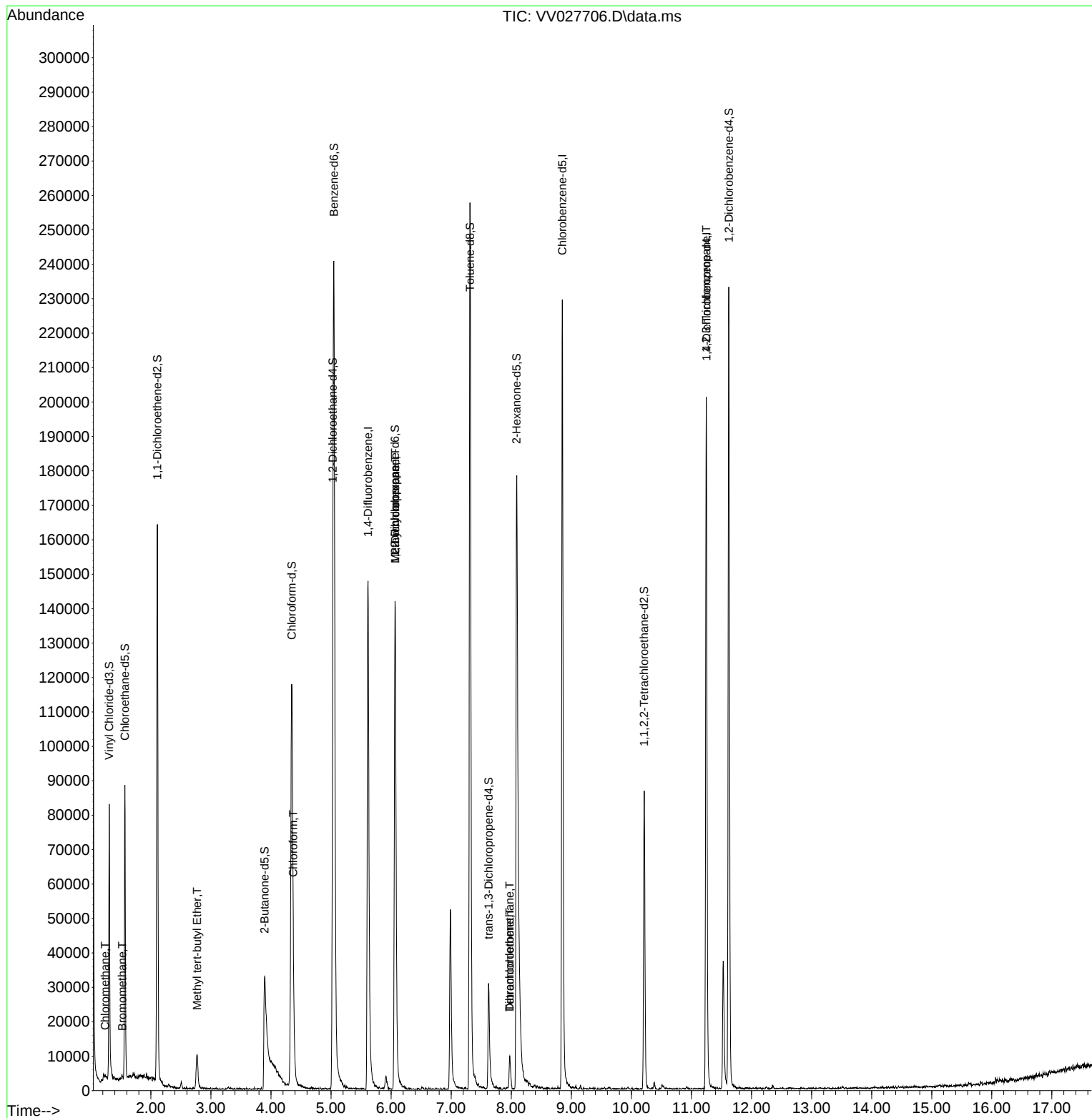
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	130436	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	125007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53312	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	53628	3.785	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.568	69	50833	4.288	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.108	63	87069	3.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.892	46	72411	30.224	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.440%
24) Chloroform-d	4.346	84	119490	4.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.031	65	57445	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.047	84	220754	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.066	67	66358	4.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.313	98	175419	3.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.622	79	19525	4.002	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.088	63	74057	40.361	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.720%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41815	4.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	61041	5.114	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
3) Chloromethane	1.240	50	788	0.046	ug/L #	82
6) Bromomethane	1.523	94	483	0.063	ug/L	89
17) Methyl tert-butyl Ether	2.770	73	9818	0.422	ug/L	96
25) Chloroform	4.371	83	11165	0.440	ug/L	94
35) Methylcyclohexane	6.069	83	16737	0.900	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	8286	0.673	ug/L #	89
47) Tetrachloroethene	7.976	164	2398	0.247	ug/L	88
49) Dibromochloromethane	7.976	129	2128	0.226	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	6051	1.122	ug/L #	66

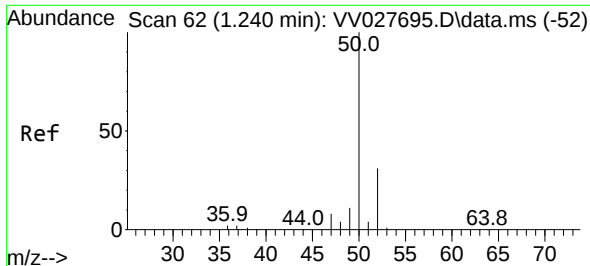
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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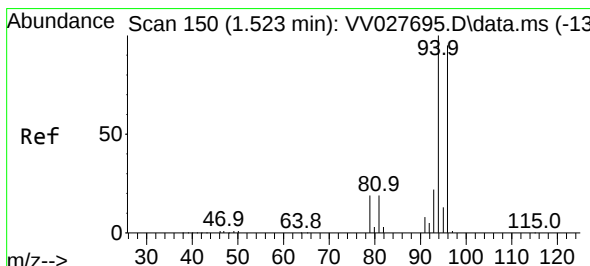
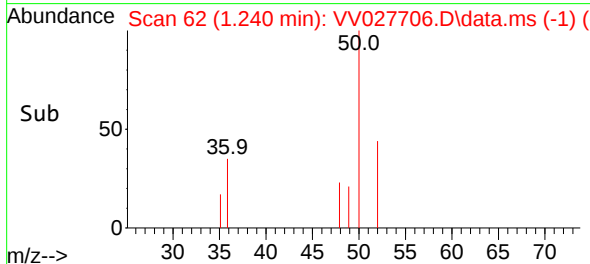
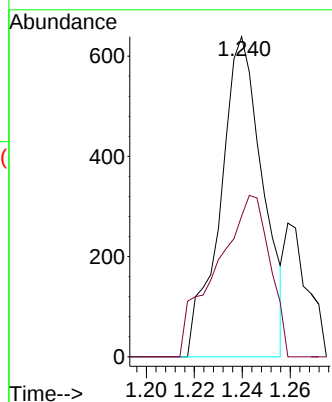
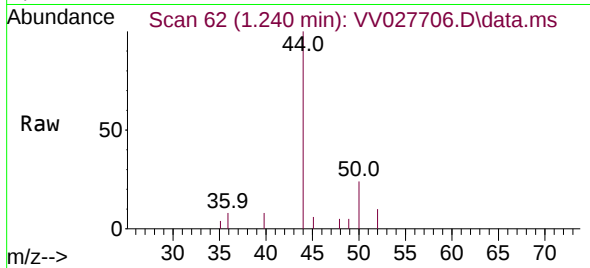




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027706.D
Acq: 02 Sep 2022 07:56

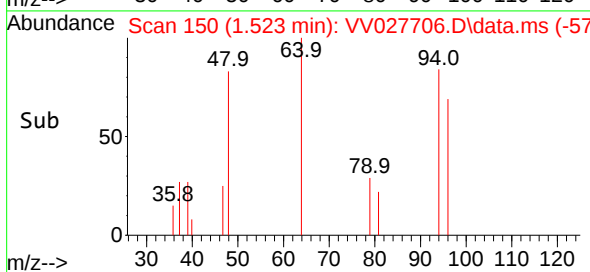
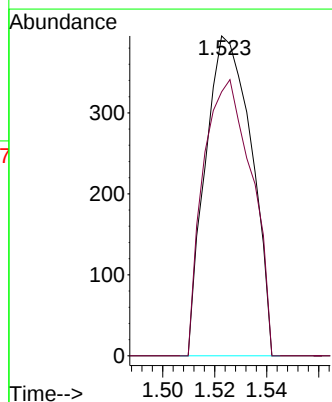
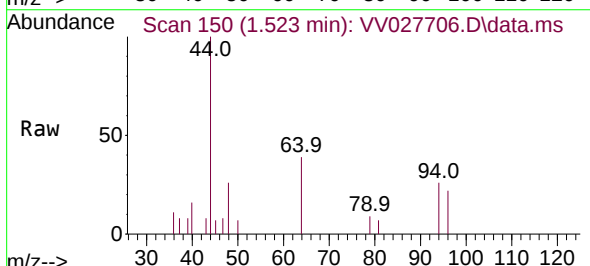
Instrument :
MSVOA_V
ClientSampleId :

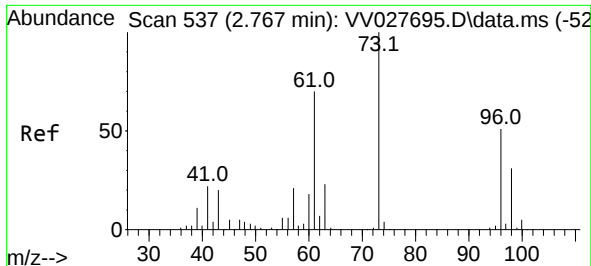
Tgt Ion: 50 Resp: 788
Ion Ratio Lower Upper
50 100
52 44.0 23.5 43.7#



#6
Bromomethane
Concen: 0.063 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV027706.D
Acq: 02 Sep 2022 07:56

Tgt Ion: 94 Resp: 483
Ion Ratio Lower Upper
94 100
96 82.5 65.1 120.9





#17

Methyl tert-butyl Ether

Concen: 0.422 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV027706.D

Acq: 02 Sep 2022 07:56

Instrument :

MSVOA_V

ClientSampleId :

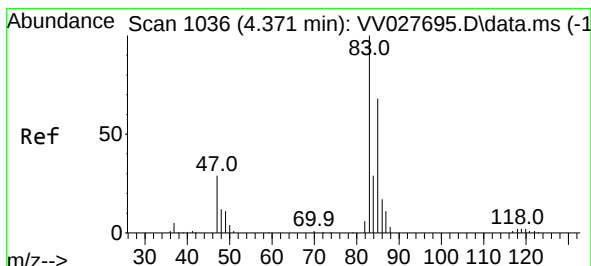
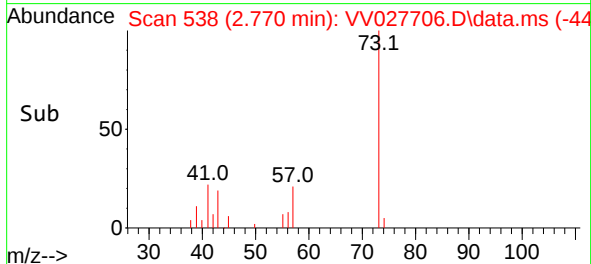
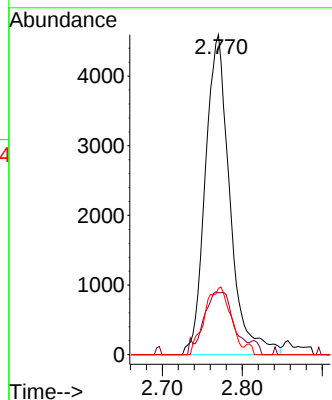
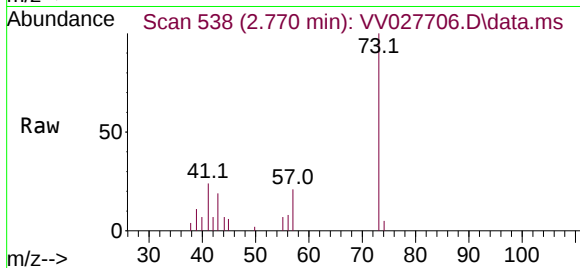
Tgt Ion: 73 Resp: 9818

Ion Ratio Lower Upper

73 100

43 23.8 16.5 24.7

57 22.3 18.2 27.2



#25

Chloroform

Concen: 0.440 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV027706.D

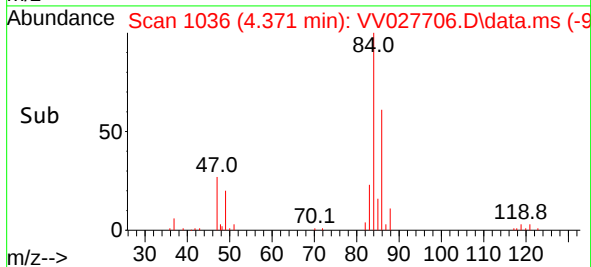
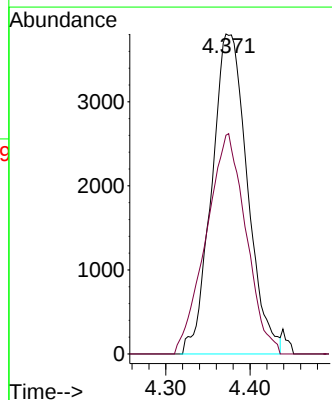
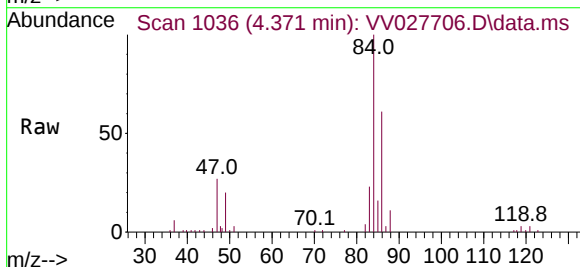
Acq: 02 Sep 2022 07:56

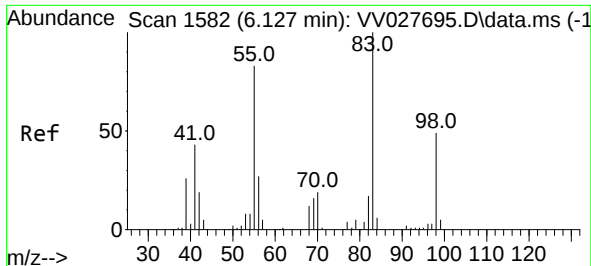
Tgt Ion: 83 Resp: 11165

Ion Ratio Lower Upper

83 100

85 68.3 44.7 83.1





#35

Methylcyclohexane

Concen: 0.900 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027706.D

Acq: 02 Sep 2022 07:56

Instrument :

MSVOA_V

ClientSampleId :

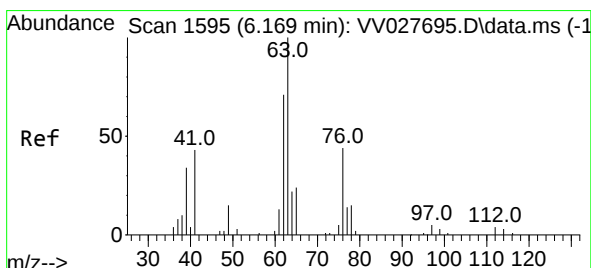
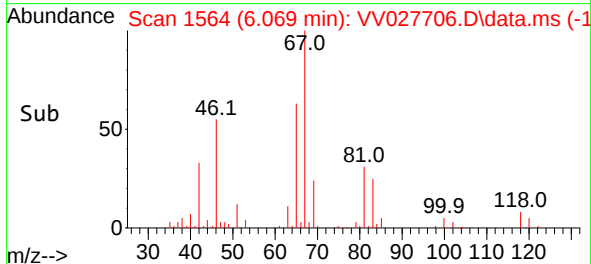
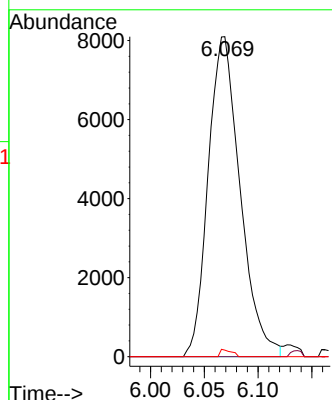
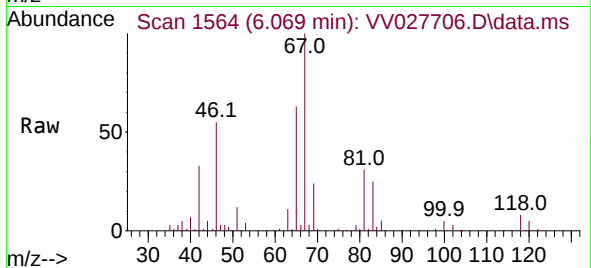
Tgt Ion: 83 Resp: 16737

Ion Ratio Lower Upper

83 100

55 0.6 66.0 99.0#

98 0.8 36.9 55.3#



#37

1,2-Dichloropropane

Concen: 0.673 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV027706.D

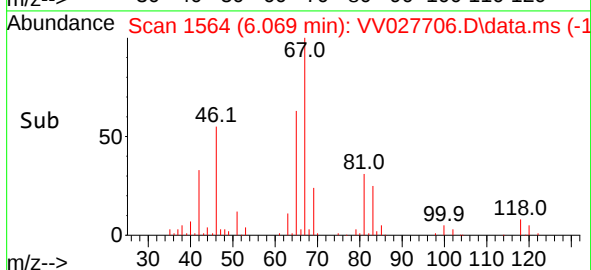
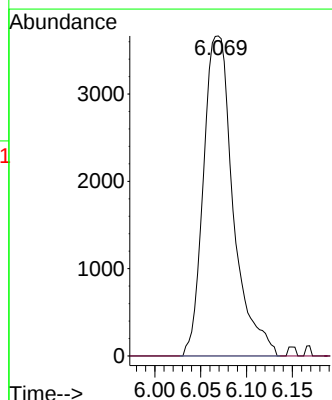
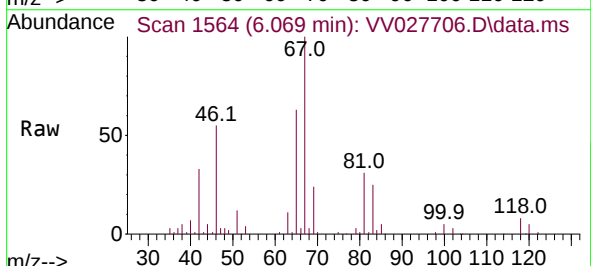
Acq: 02 Sep 2022 07:56

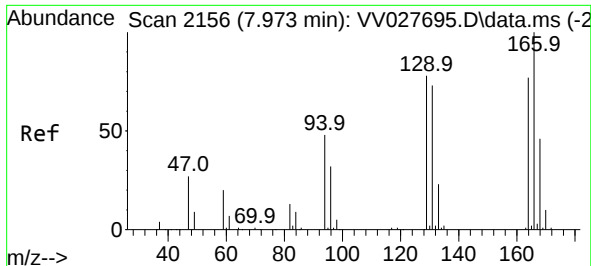
Tgt Ion: 63 Resp: 8286

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#





#47

Tetrachloroethene

Concen: 0.247 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

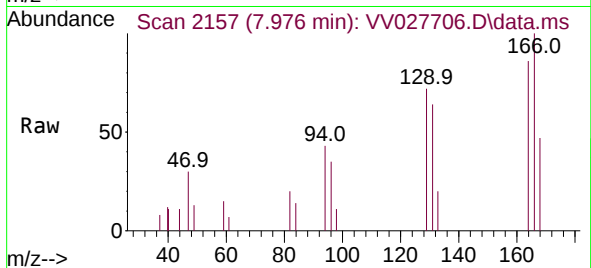
Lab File: VV027706.D

Acq: 02 Sep 2022 07:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 2398

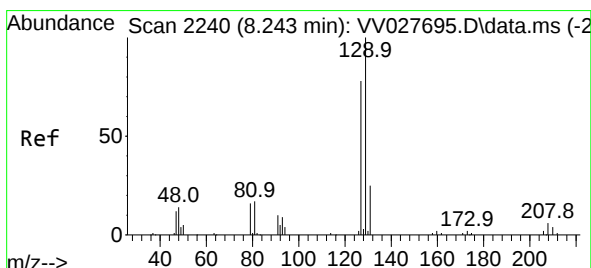
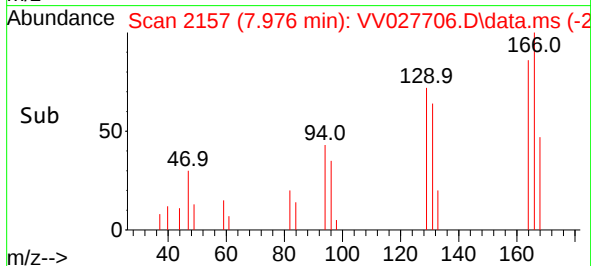
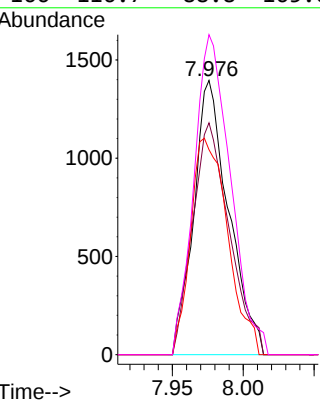
Ion Ratio Lower Upper

164 100

129 84.5 65.9 122.3

131 74.7 64.5 119.7

166 116.7 88.8 165.0



#49

Dibromochloromethane

Concen: 0.226 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027706.D

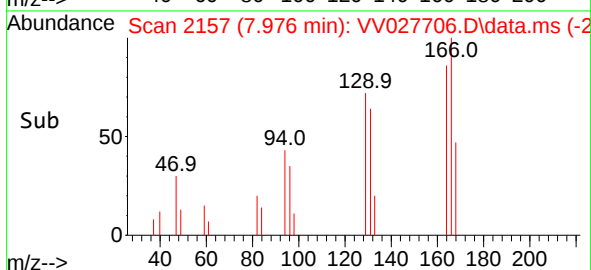
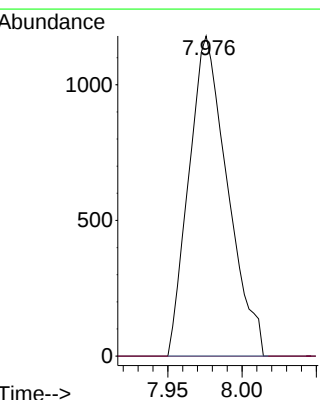
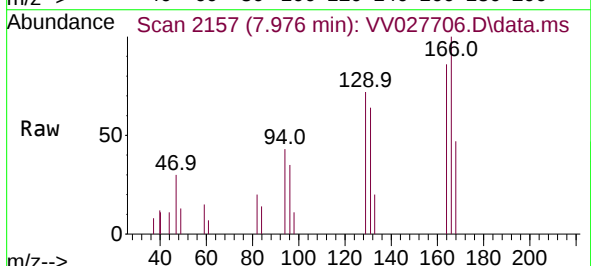
Acq: 02 Sep 2022 07:56

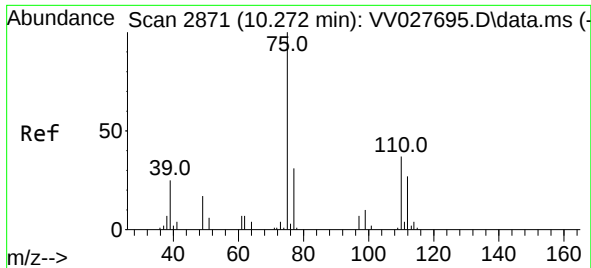
Tgt Ion:129 Resp: 2128

Ion Ratio Lower Upper

129 100

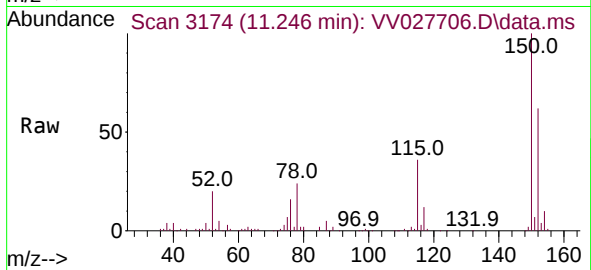
127 0.0 52.4 97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.122 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027706.D
 Acq: 02 Sep 2022 07:56

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	6051
Ion	Ratio	Lower Upper
75	100	
77	33.6	25.8 38.6
110	0.7	29.8 44.8#

