

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027727.D
 Acq On : 02 Sep 2022 17:00
 Operator : SY/MD
 Sample : N4404-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 05:34:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 03 05:30:57 2022
 Response via : Initial Calibration

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

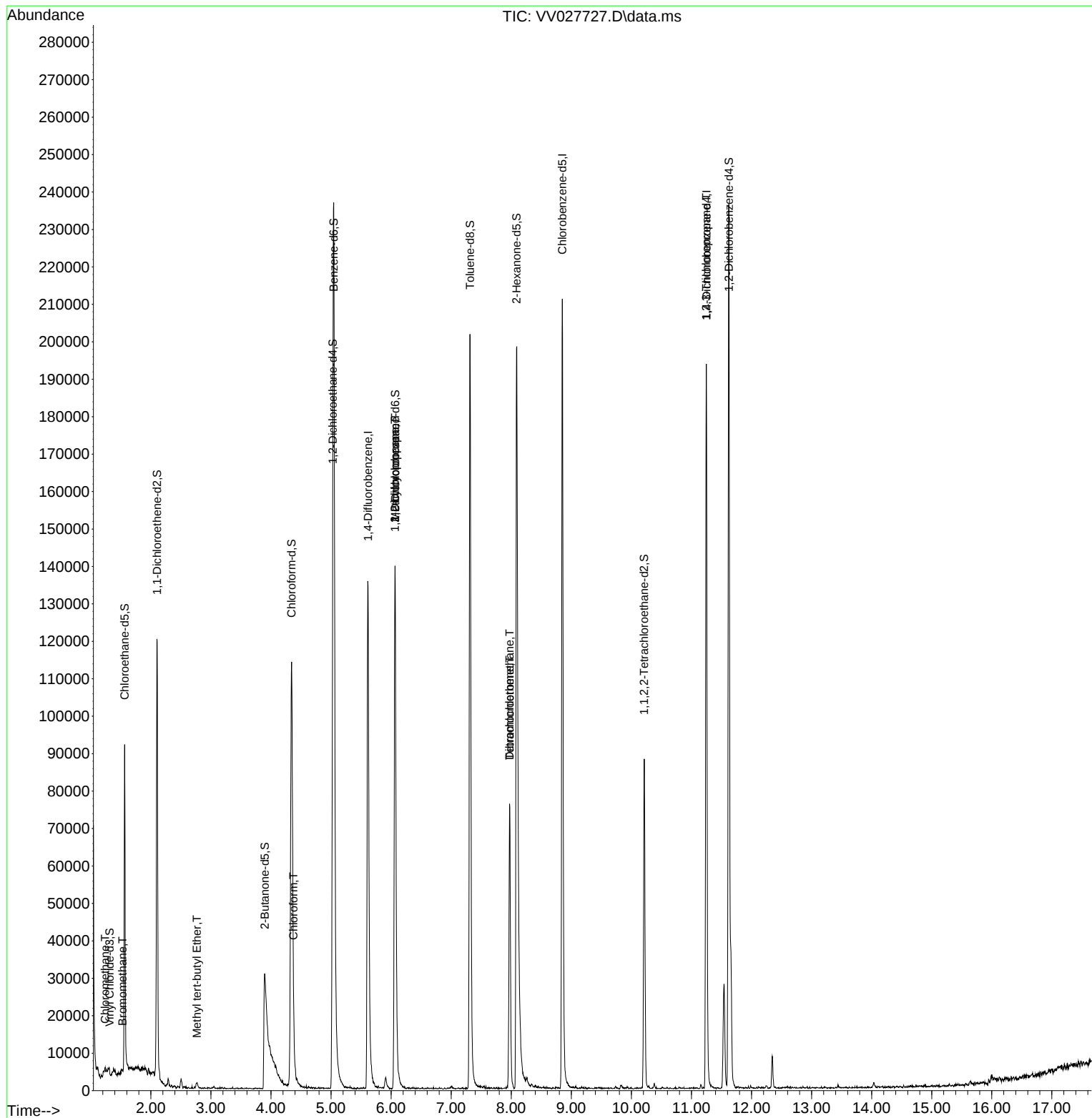
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	122017	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118001	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52432	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	81	0.006	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.200%#
7) Chloroethane-d5	1.565	69	55176	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.101	63	63551	2.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.000%#
20) 2-Butanone-d5	3.896	46	78690	35.111	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.220%
24) Chloroform-d	4.343	84	120648	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.027	65	59468	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.043	84	218779	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.066	67	65445	4.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.313	98	141634	3.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.000%#
46) 2-Hexanone-d5	8.088	63	81655	47.144	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39974	4.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	61342	5.226	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	727	0.046	ug/L #	77
6) Bromomethane	1.529	94	641	0.090	ug/L #	51
17) Methyl tert-butyl Ether	2.767	73	1117	0.051	ug/L #	74
25) Chloroform	4.375	83	5129	0.216	ug/L	92
35) Methylcyclohexane	6.066	83	16449	0.937	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8113	0.698	ug/L #	89
47) Tetrachloroethene	7.973	164	16981	1.851	ug/L	95
49) Dibromochloromethane	7.973	129	15462	1.741	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	5986	1.128	ug/L #	66

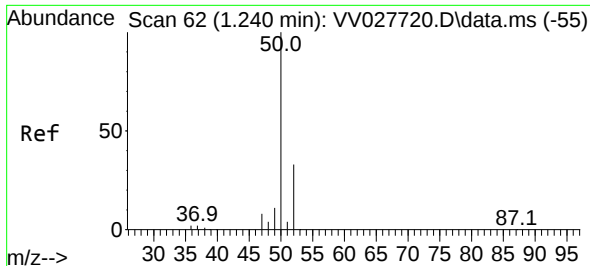
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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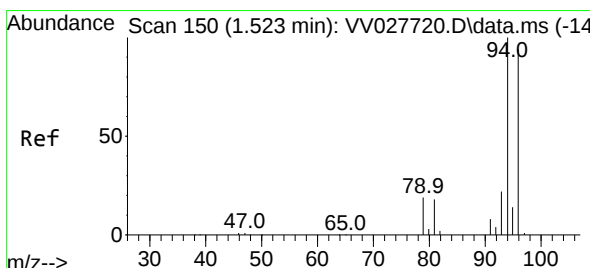
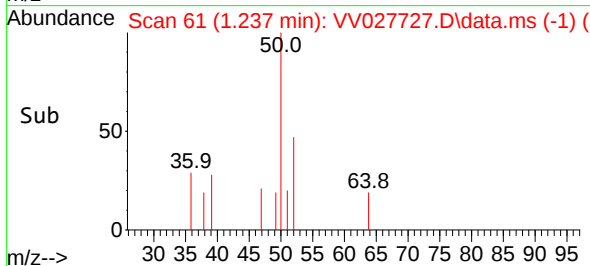
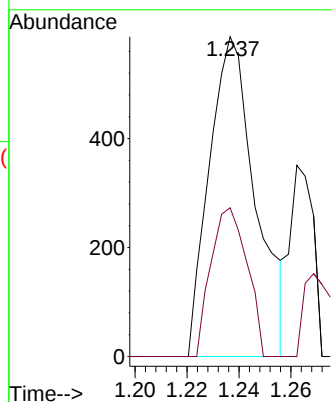
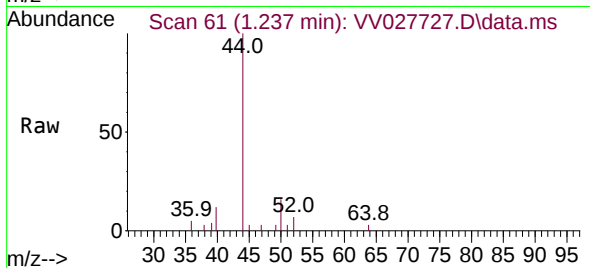




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027727.D
Acq: 02 Sep 2022 17:00

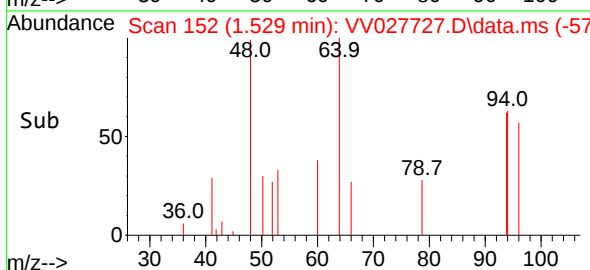
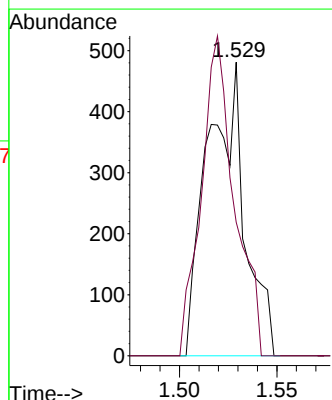
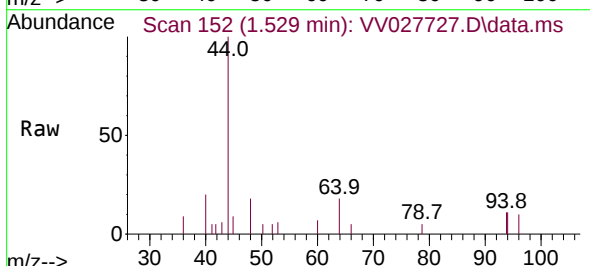
Instrument :
MSVOA_V
ClientSampleId :

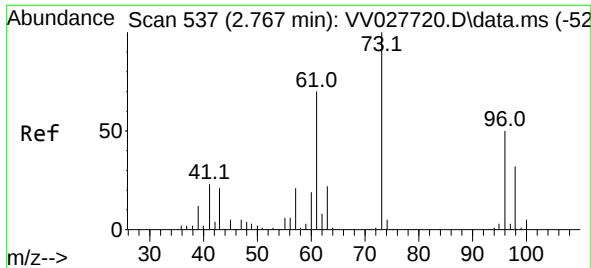
Tgt Ion: 50 Resp: 727
Ion Ratio Lower Upper
50 100
52 46.5 23.5 43.7#



#6
Bromomethane
Concen: 0.090 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.006 min
Lab File: VV027727.D
Acq: 02 Sep 2022 17:00

Tgt Ion: 94 Resp: 641
Ion Ratio Lower Upper
94 100
96 45.5 65.1 120.9#

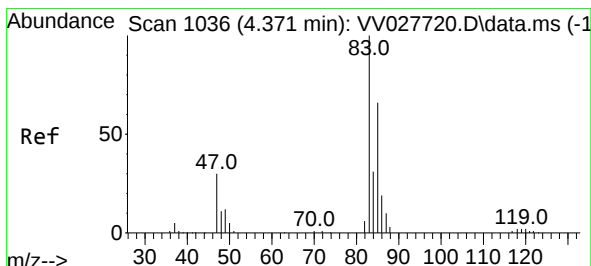
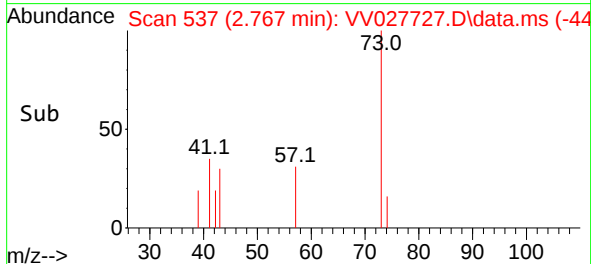
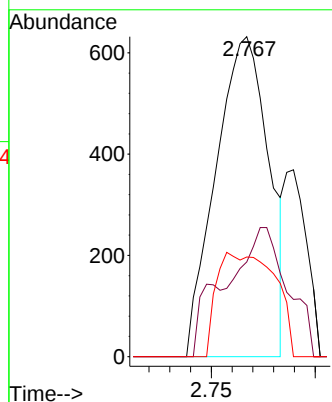
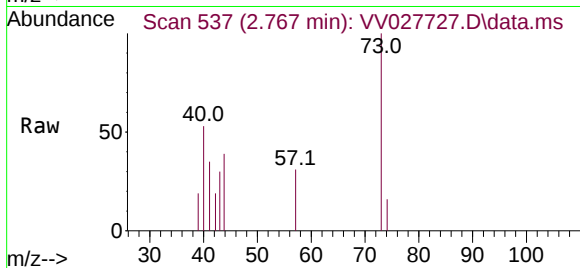




#17
Methyl tert-butyl Ether
Concen: 0.051 ug/L
RT: 2.767 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV027727.D
Acq: 02 Sep 2022 17:00

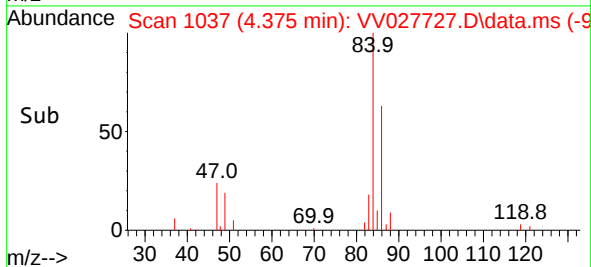
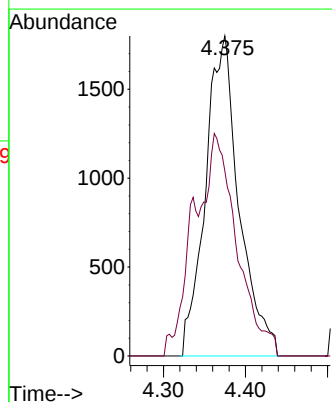
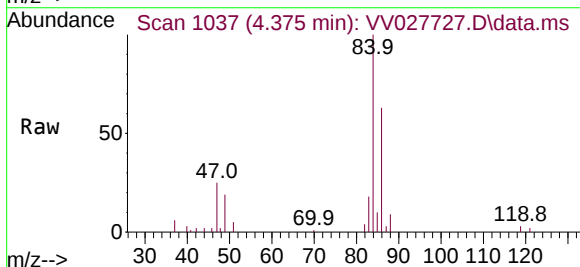
Instrument :
MSVOA_V
ClientSampleId :

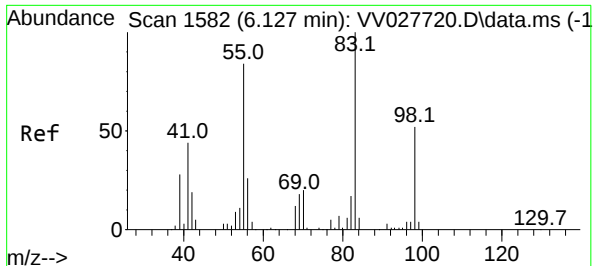
Tgt Ion: 73 Resp: 1117
Ion Ratio Lower Upper
73 100
43 38.2 16.5 24.7#
57 15.4 18.2 27.2#



#25
Chloroform
Concen: 0.216 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV027727.D
Acq: 02 Sep 2022 17:00

Tgt Ion: 83 Resp: 5129
Ion Ratio Lower Upper
83 100
85 57.8 44.7 83.1

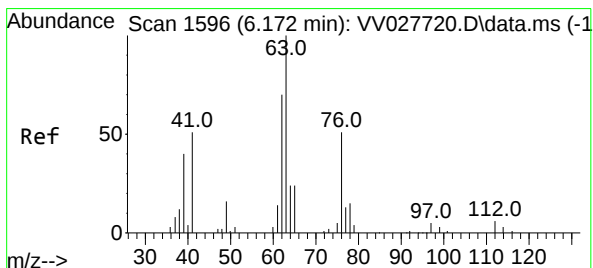
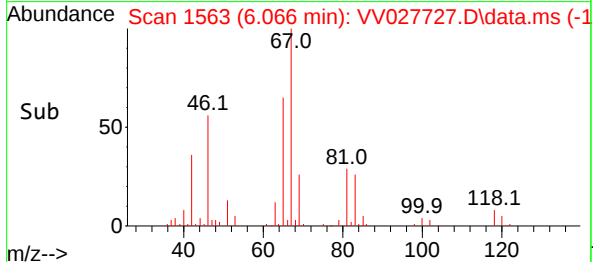
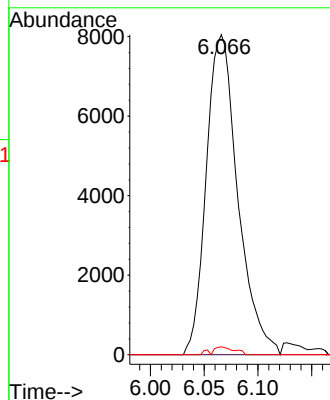
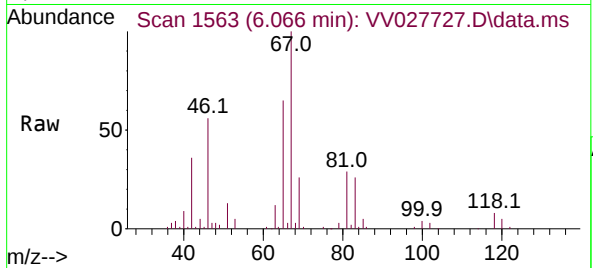




#35
Methylcyclohexane
Concen: 0.937 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027727.D
Acq: 02 Sep 2022 17:00

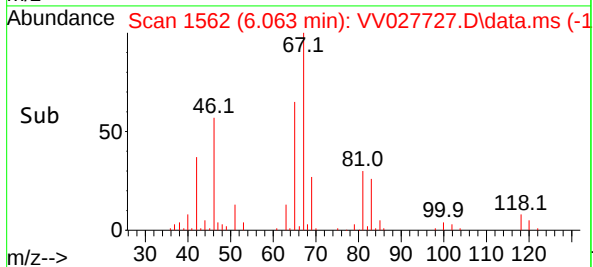
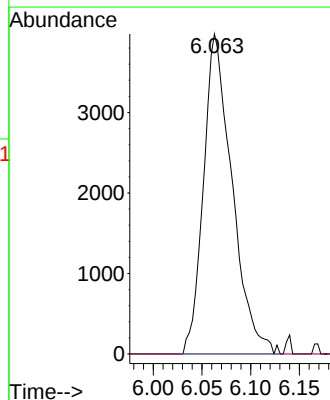
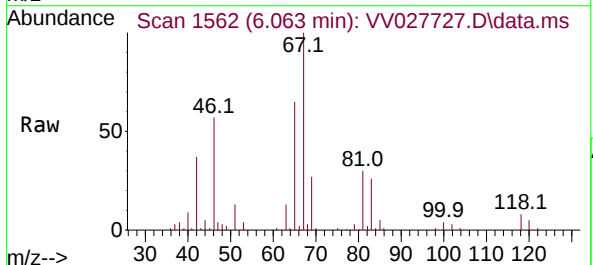
Instrument :
MSVOA_V
ClientSampleId :

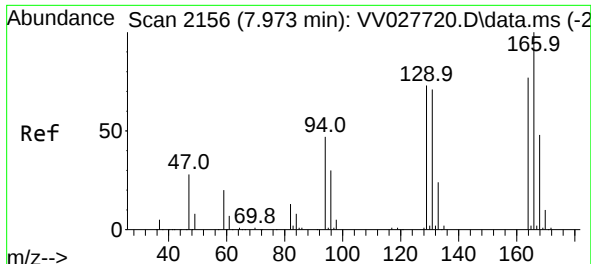
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.0	99.0#
98	1.5	36.9	55.3#



#37
1,2-Dichloropropane
Concen: 0.698 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.109 min
Lab File: VV027727.D
Acq: 02 Sep 2022 17:00

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#





#47

Tetrachloroethene

Concen: 1.851 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

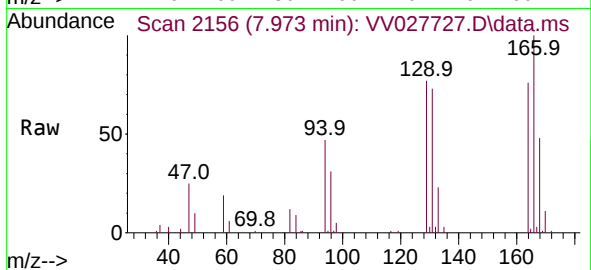
Lab File: VV027727.D

Acq: 02 Sep 2022 17:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 16981

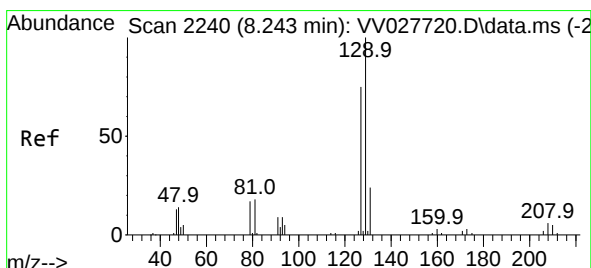
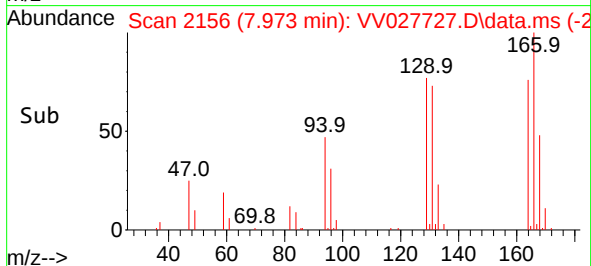
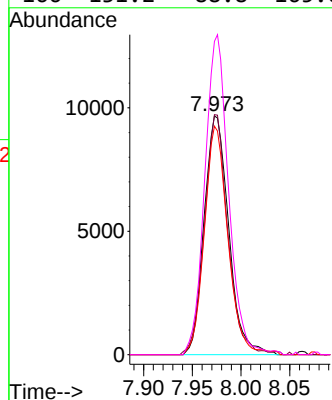
Ion Ratio Lower Upper

164 100

129 100.6 65.9 122.3

131 95.7 64.5 119.7

166 131.2 88.8 165.0



#49

Dibromochloromethane

Concen: 1.741 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027727.D

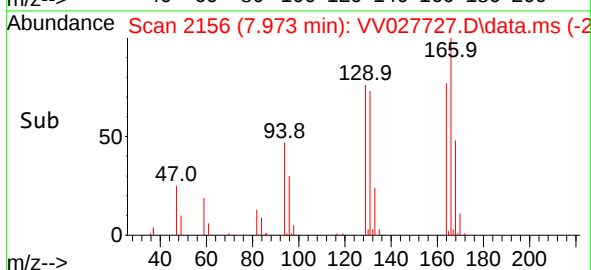
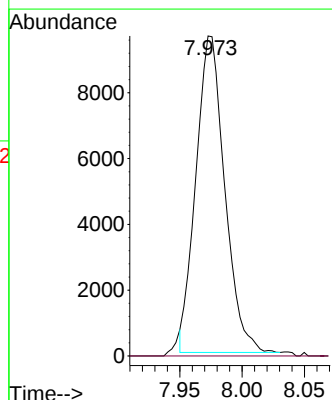
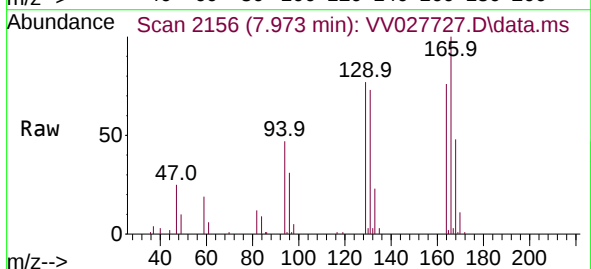
Acq: 02 Sep 2022 17:00

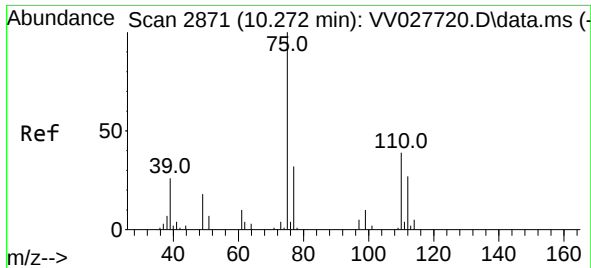
Tgt Ion:129 Resp: 15462

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#





#61

1,2,3-Trichloropropane

Concen: 1.128 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

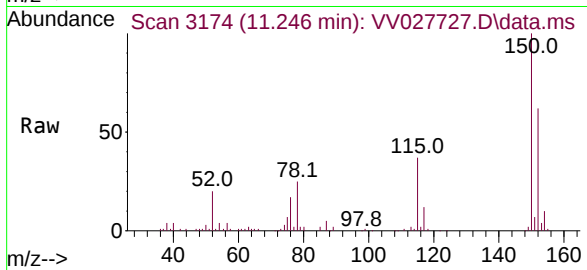
Lab File: VV027727.D

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Tgt Ion: 75 Resp: 5986

Ion Ratio Lower Upper

75 100

77 33.3 25.8 38.6

110 0.7 29.8 44.8#

