

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027767.D
 Acq On : 07 Sep 2022 01:46
 Operator : SY/MD
 Sample : N4418-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC1

Quant Time: Sep 07 06:33:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

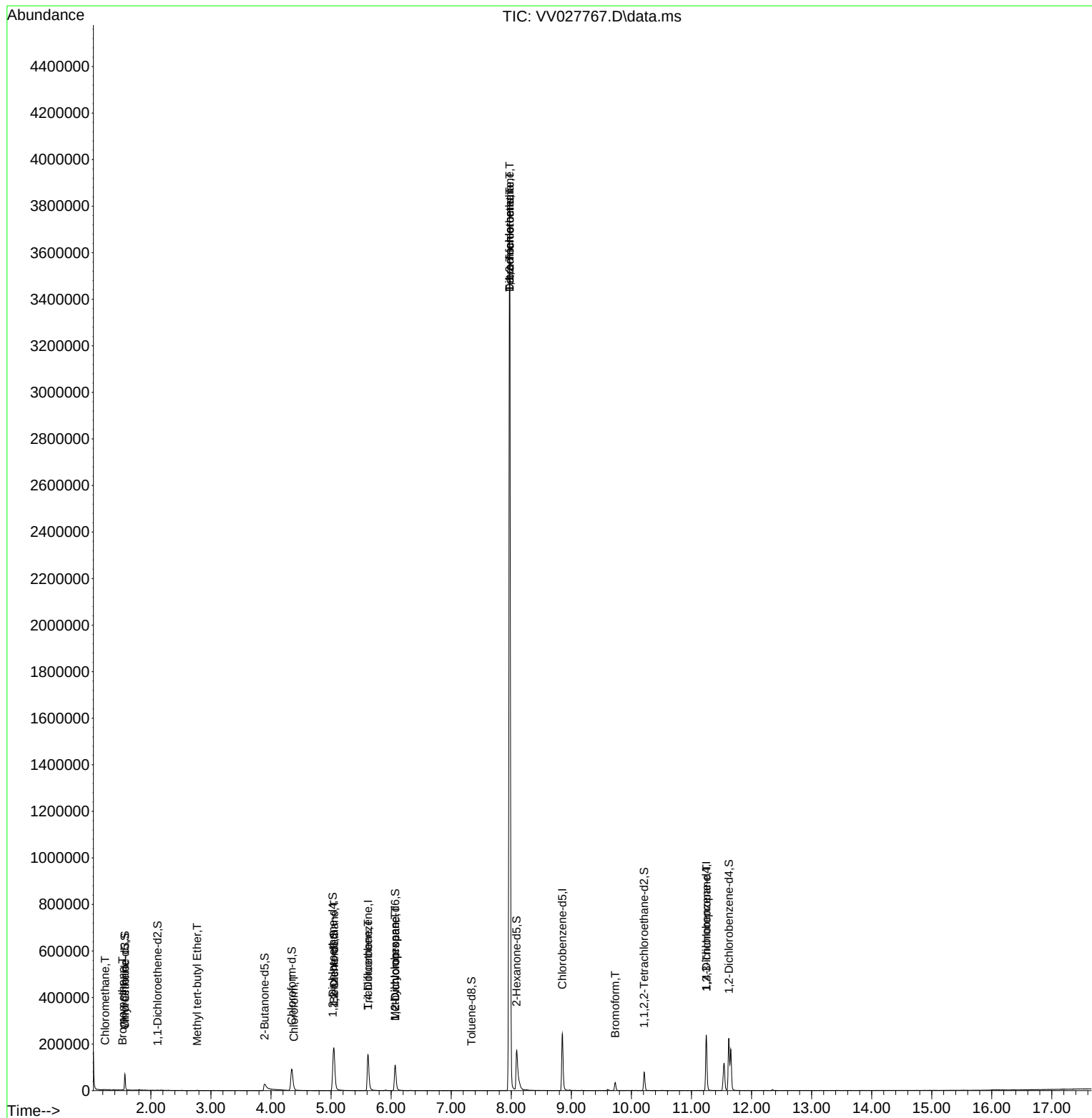
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	140187	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	140360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66425	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.568	65	914	0.099	ug/L	0.27
Spiked Amount	5.000	Range	40 - 130	Recovery	=	2.000%#
7) Chloroethane-d5	1.568	69	43257	5.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.400%
11) 1,1-Dichloroethene-d2	2.111	63	911	0.046	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1.000%#
20) 2-Butanone-d5	3.892	46	59991	29.294	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.580%
24) Chloroform-d	4.346	84	98776	5.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.031	65	47296	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.047	84	170453	4.186	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.069	67	50350	4.223	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.339	98	74	0.002	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.000%#
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	72734	48.923	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35187	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	56341	5.163	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	687	0.055	ug/L	91
6) Bromomethane	1.526	94	379	0.056	ug/L #	68
17) Methyl tert-butyl Ether	2.770	73	875	0.040	ug/L #	93
25) Chloroform	4.381	83	4854	0.238	ug/L	95
27) 1,2-Dichloroethane	5.053	62	1082	0.087	ug/L #	75
34) Trichloroethene	5.616	95	4143	0.357	ug/L #	5
35) Methylcyclohexane	6.066	83	13624	0.765	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6138	0.558	ug/L #	85
45) 1,1,2-Trichloroethane	7.973	97	6949	0.975	ug/L #	4
47) Tetrachloroethene	7.973	164	822269	88.310	ug/L	97
49) Dibromochloromethane	7.973	129	603996	66.749	ug/L #	10
59) Bromoform	9.731	173	16208	4.031	ug/L	98
61) 1,2,3-Trichloropropane	11.249	75	6618	1.258	ug/L #	61

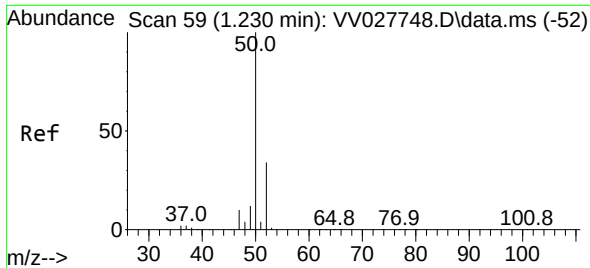
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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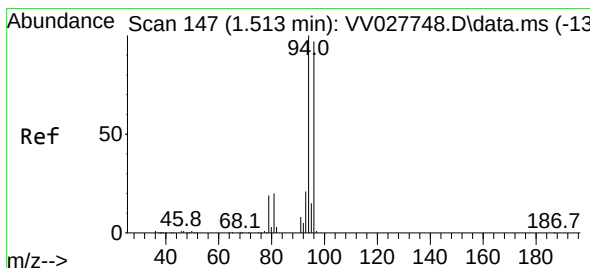
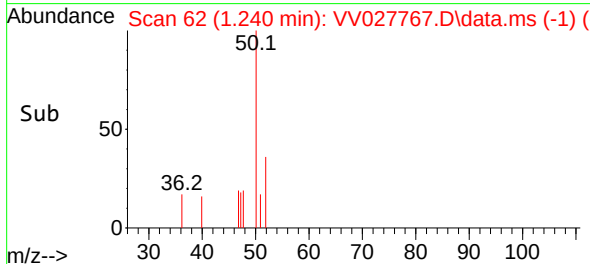
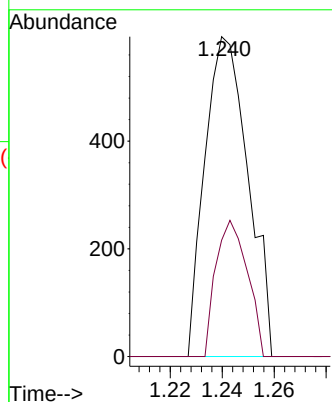
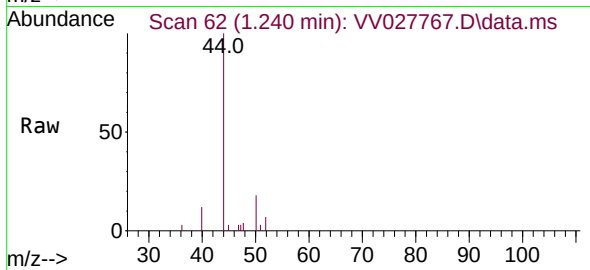




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027767.D
Acq: 07 Sep 2022 01:46

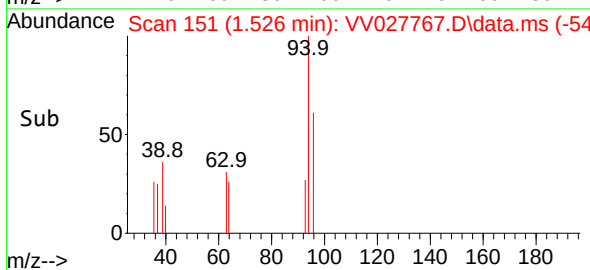
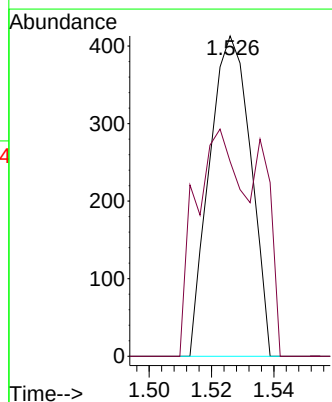
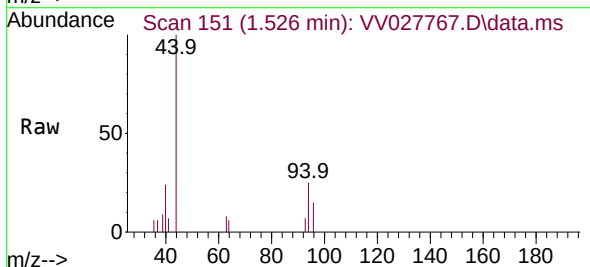
Instrument :
MSVOA_V
ClientSampleId :
DBVC1

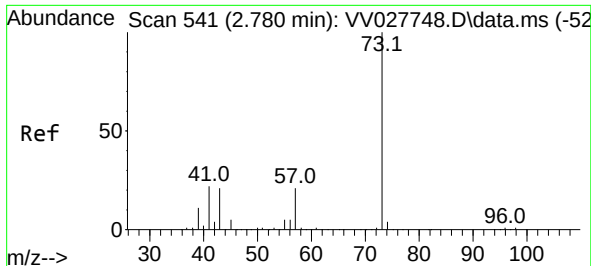
Tgt Ion: 50 Resp: 687
Ion Ratio Lower Upper
50 100
52 36.4 22.1 41.1



#6
Bromomethane
Concen: 0.056 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.013 min
Lab File: VV027767.D
Acq: 07 Sep 2022 01:46

Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 60.8 64.2 119.2#

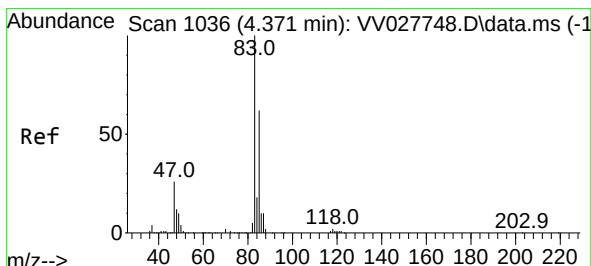
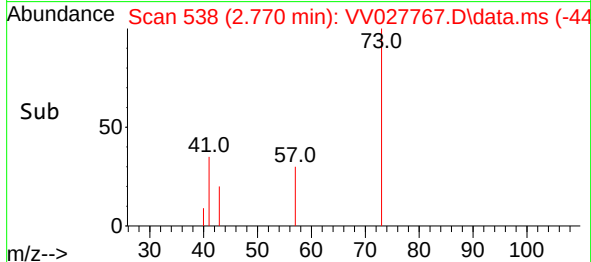
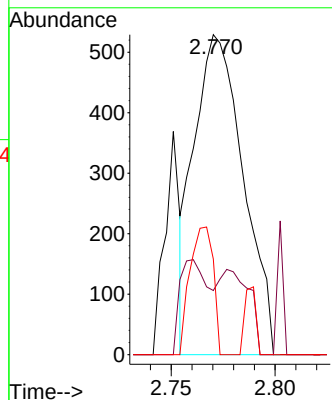
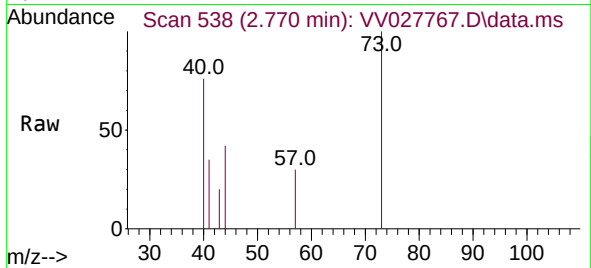




#17
Methyl tert-butyl Ether
Concen: 0.040 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.009 min
Lab File: VV027767.D
Acq: 07 Sep 2022 01:46

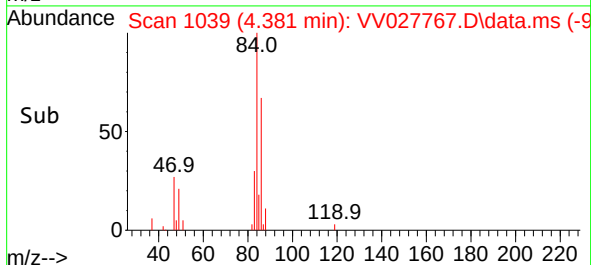
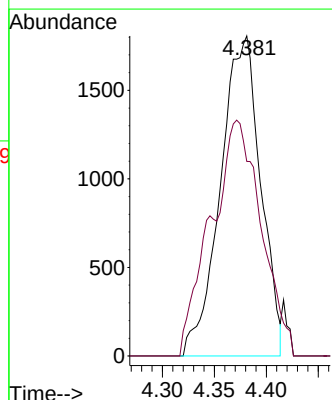
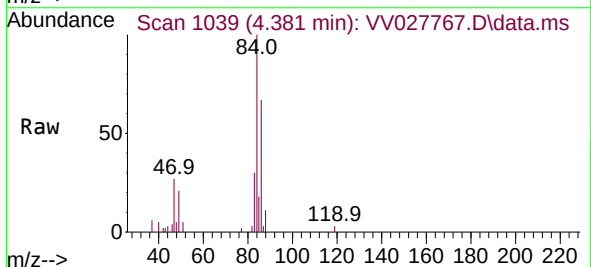
Instrument :
MSVOA_V
ClientSampleId :
DBVC1

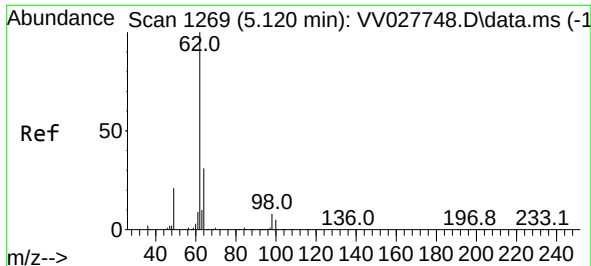
Tgt Ion: 73 Resp: 875
Ion Ratio Lower Upper
73 100
43 17.4 17.5 26.3#
57 18.9 16.9 25.3



#25
Chloroform
Concen: 0.238 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV027767.D
Acq: 07 Sep 2022 01:46

Tgt Ion: 83 Resp: 4854
Ion Ratio Lower Upper
83 100
85 60.8 45.4 84.2





#27

1,2-Dichloroethane

Concen: 0.087 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.067 min

Lab File: VV027767.D

Acq: 07 Sep 2022 01:46

Instrument :

MSVOA_V

ClientSampleId :

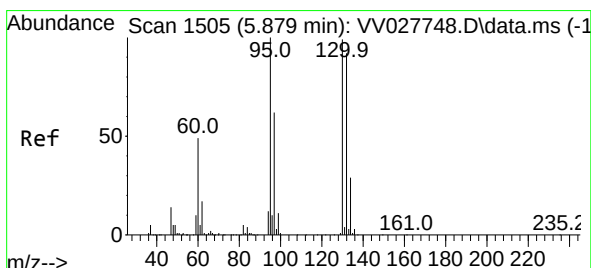
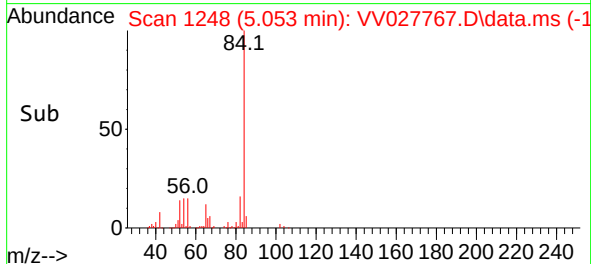
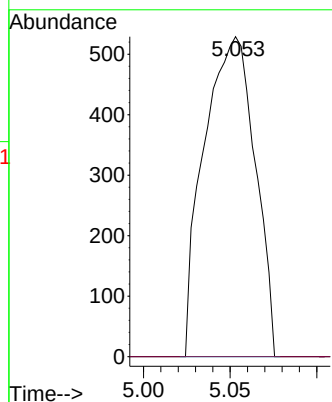
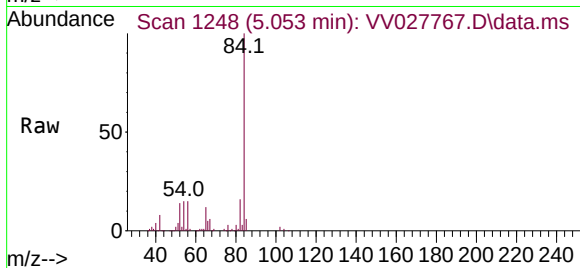
DBVC1

Tgt Ion: 62 Resp: 1082

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#



#34

Trichloroethene

Concen: 0.357 ug/L

RT: 5.616 min Scan# 1423

Delta R.T. -0.263 min

Lab File: VV027767.D

Acq: 07 Sep 2022 01:46

Tgt Ion: 95 Resp: 4143

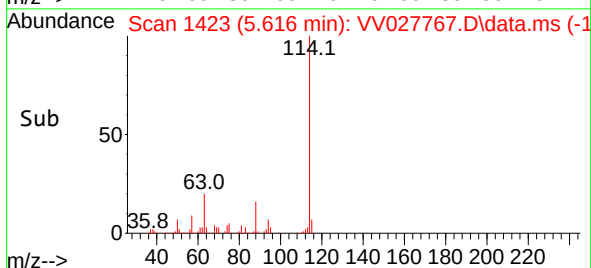
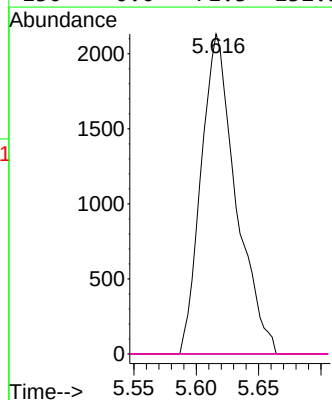
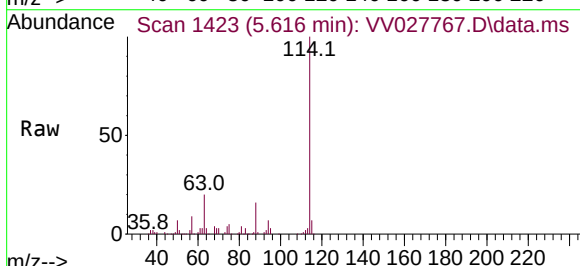
Ion Ratio Lower Upper

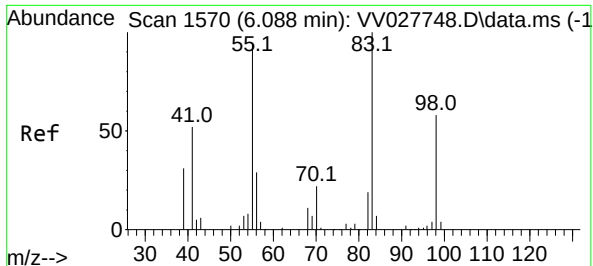
95 100

97 0.0 42.9 79.7#

132 0.0 67.9 126.1#

130 0.0 71.3 132.3#

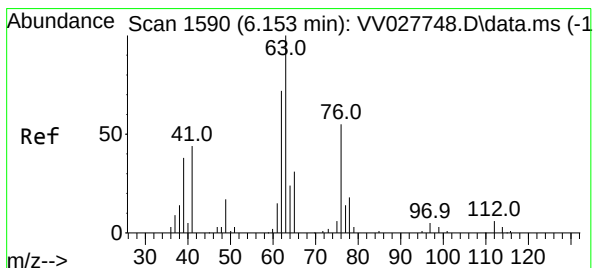
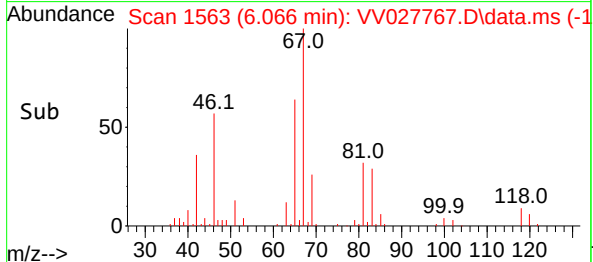
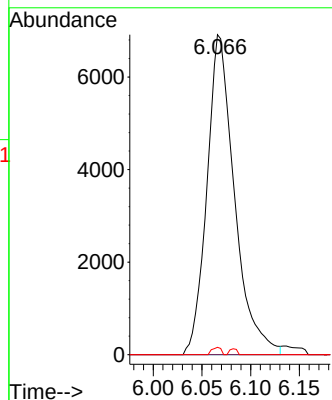
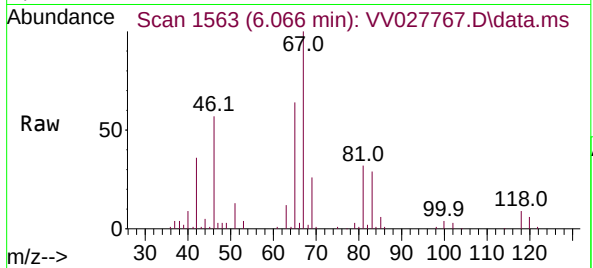




#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.022 min
Lab File: VV027767.D
Acq: 07 Sep 2022 01:46

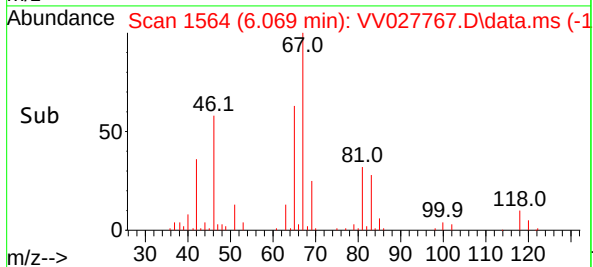
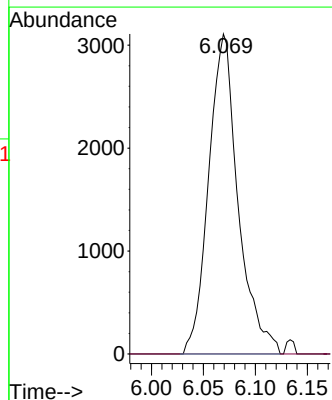
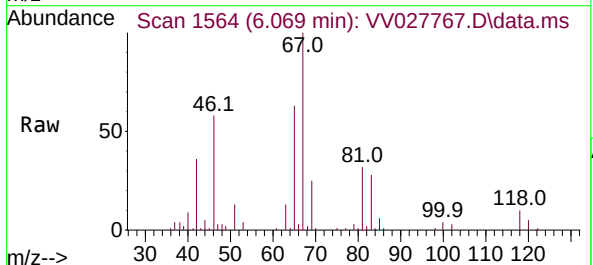
Instrument :
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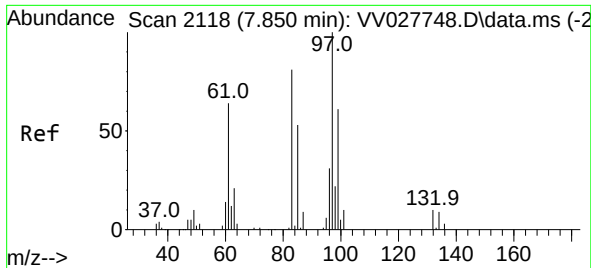
Tgt Ion: 83 Resp: 13624
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.7 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.083 min
Lab File: VV027767.D
Acq: 07 Sep 2022 01:46

Tgt Ion: 63 Resp: 6138
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#45

1,1,2-Trichloroethane

Concen: 0.975 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.122 min

Lab File: VV027767.D

Acq: 07 Sep 2022 01:46

Instrument :

MSVOA_V

ClientSampleId :

DBVC1

Tgt Ion: 97 Resp: 6949

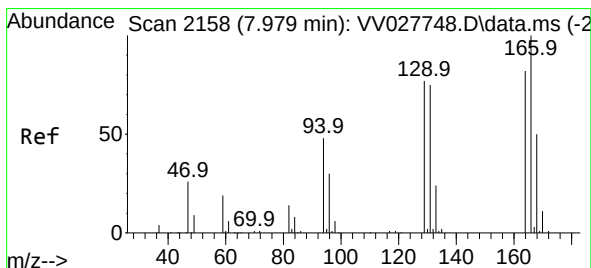
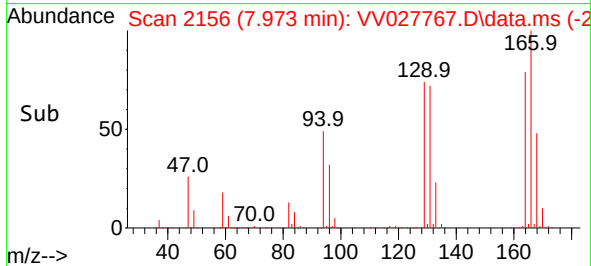
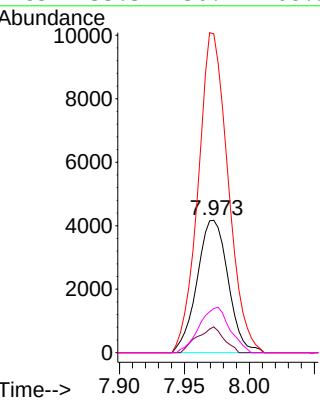
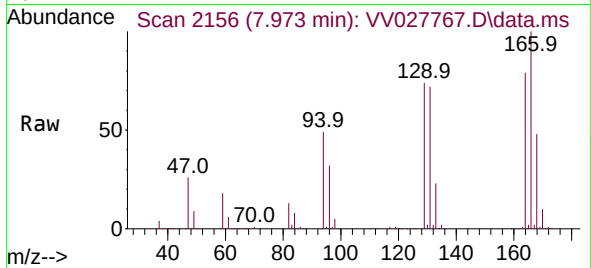
Ion Ratio Lower Upper

97 100

99 19.4 44.2 82.0#

83 240.6 60.3 112.1#

85 33.3 36.9 68.5#



#47

Tetrachloroethene

Concen: 88.310 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027767.D

Acq: 07 Sep 2022 01:46

Tgt Ion:164 Resp: 822269

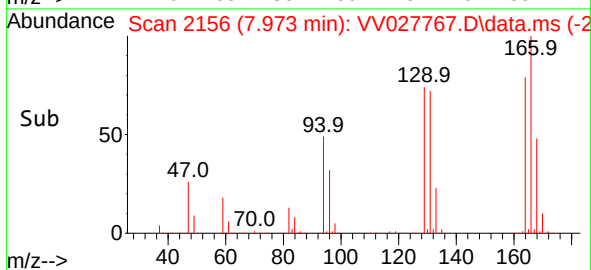
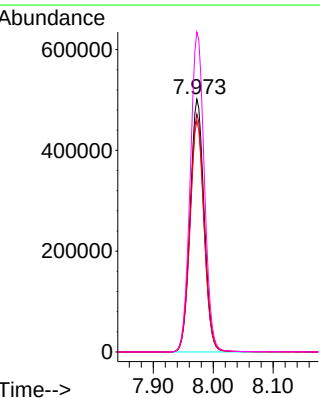
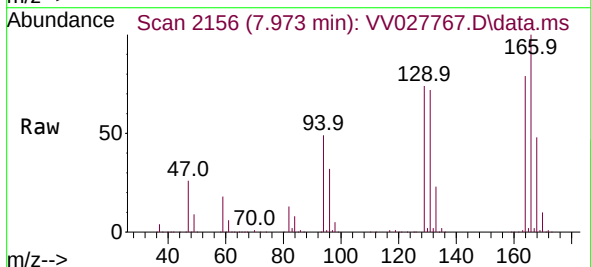
Ion Ratio Lower Upper

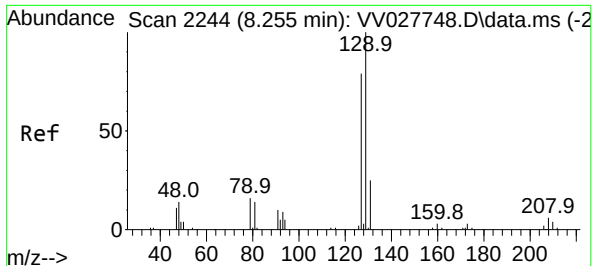
164 100

129 94.2 67.2 124.8

131 91.5 61.5 114.3

166 126.6 91.1 169.3





#49

Dibromochloromethane

Concen: 66.749 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.283 min

Lab File: VV027767.D

Acq: 07 Sep 2022 01:46

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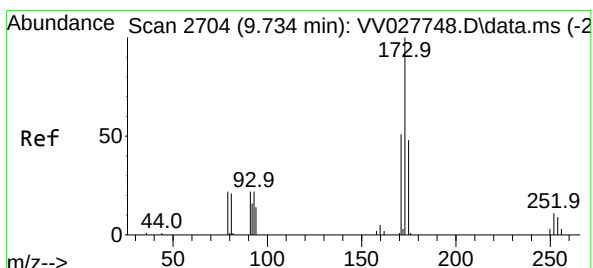
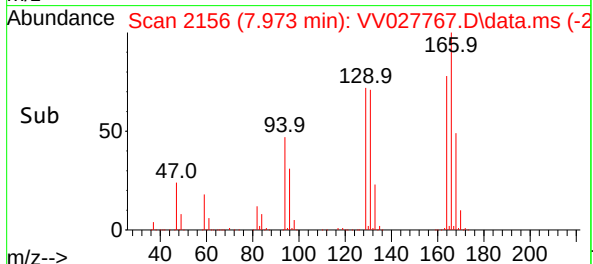
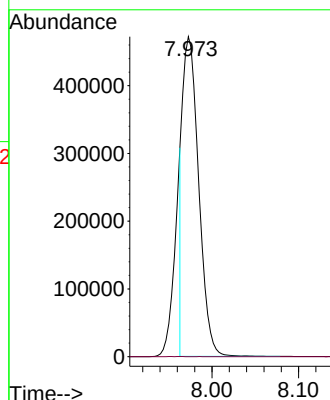
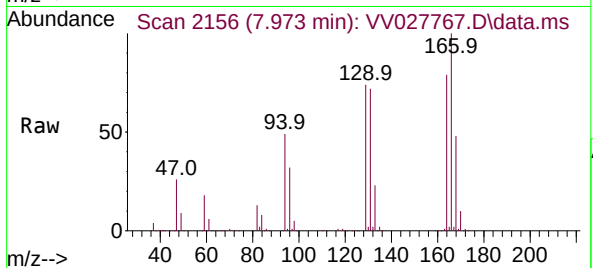
DBVC1

Tgt Ion:129 Resp: 603996

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#59

Bromoform

Concen: 4.031 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.003 min

Lab File: VV027767.D

Acq: 07 Sep 2022 01:46

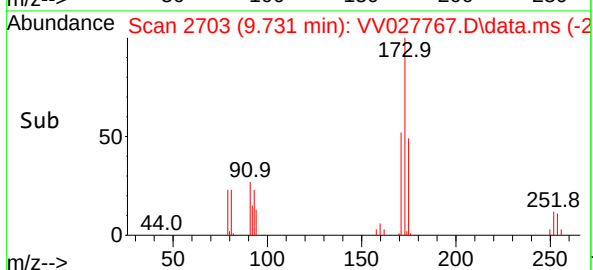
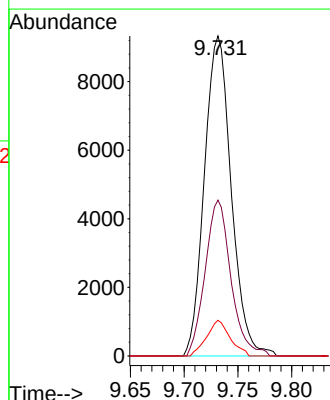
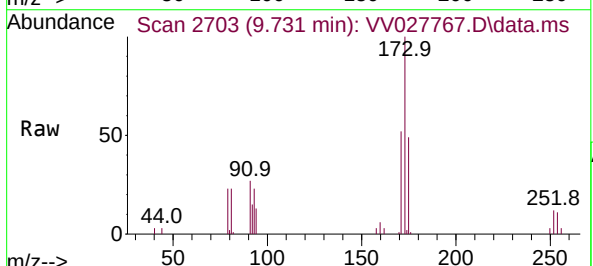
Tgt Ion:173 Resp: 16208

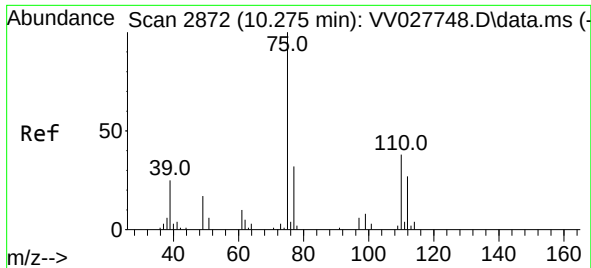
Ion Ratio Lower Upper

173 100

175 46.8 38.4 57.6

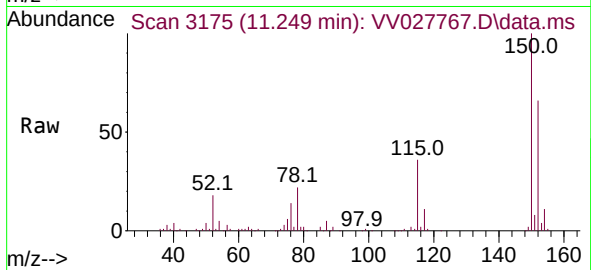
254 9.7 6.8 10.2





#61
 1,2,3-Trichloropropane
 Concen: 1.258 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027767.D
 Acq: 07 Sep 2022 01:46

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC1



Tgt Ion: 75 Resp: 6618

Ion	Ratio	Lower	Upper
75	100		
77	37.5	27.6	41.4
110	2.4	35.6	53.4

