

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083022\
 Data File : VW027589.D
 Acq On : 30 Aug 2022 16:27
 Operator : SY/MD
 Sample : N4404-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC4

Quant Time: Aug 31 04:49:17 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)

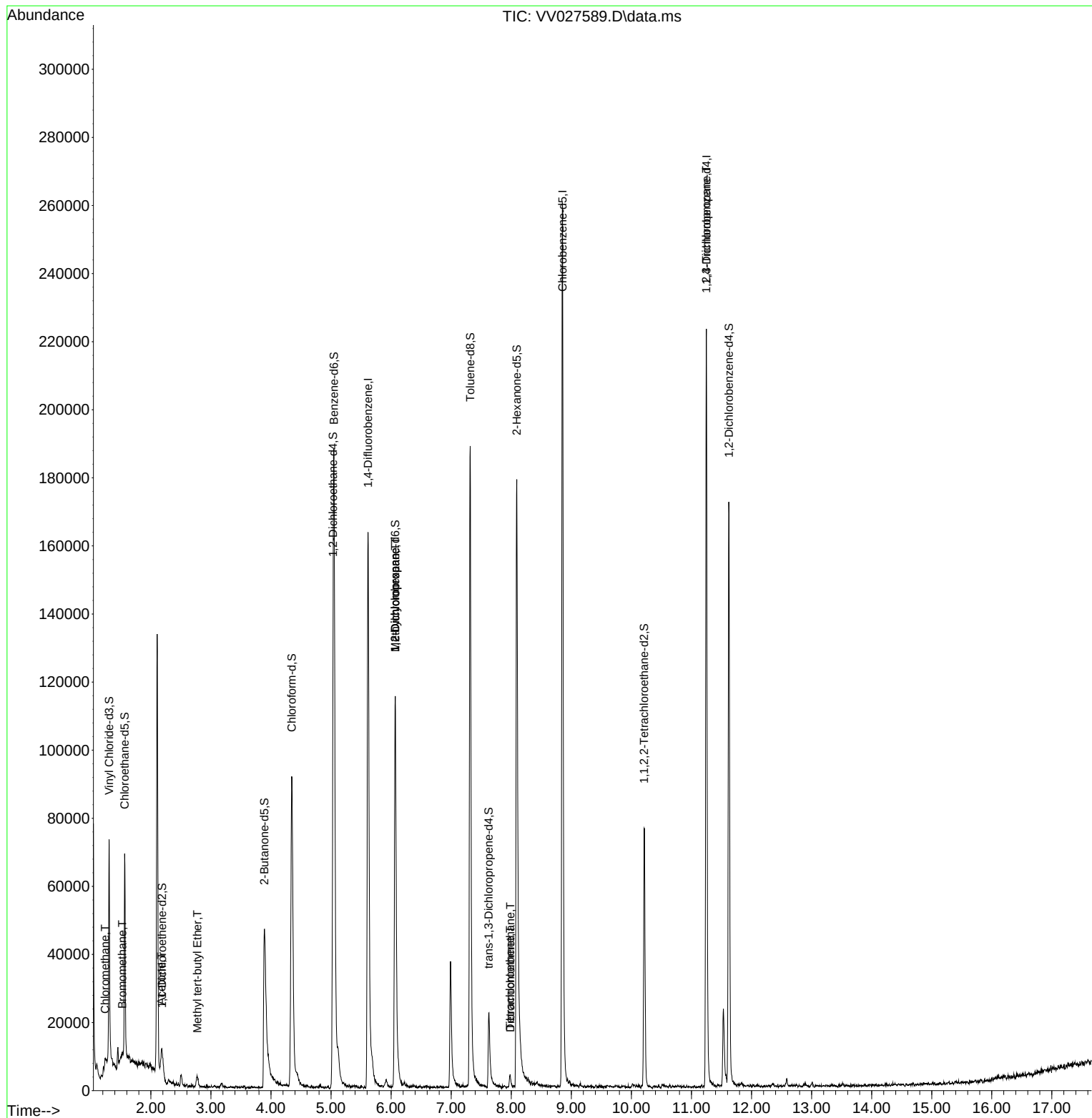
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	143333	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	144576	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47902	4.696	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.564	69	38599	5.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.188	63	4169	0.175	ug/L	0.08
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3.600%#
20) 2-Butanone-d5	3.889	46	88436	69.661	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.320%#
24) Chloroform-d	4.346	84	94226	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.034	65	44014	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.050	84	173971	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.069	67	57145	4.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.317	98	127246	3.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	7.625	79	14063	3.528	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.092	63	59569	45.395	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36614	4.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	42882	5.027	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1136	0.086	ug/L	95
6) Bromomethane	1.523	94	685	0.104	ug/L	80
13) Acetone	2.175	43	7414	6.115	ug/L	99
17) Methyl tert-butyl Ether	2.773	73	2520	0.112	ug/L #	89
35) Methylcyclohexane	6.069	83	13391	0.753	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	6704	0.523	ug/L #	85
47) Tetrachloroethene	7.982	164	897	0.091	ug/L	84
49) Dibromochloromethane	7.985	129	774	0.077	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	7471	1.480	ug/L #	67

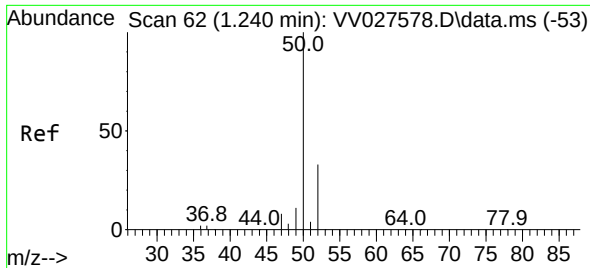
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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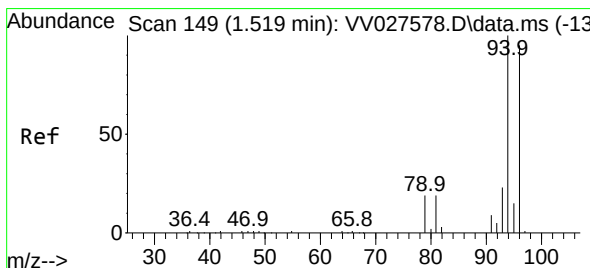
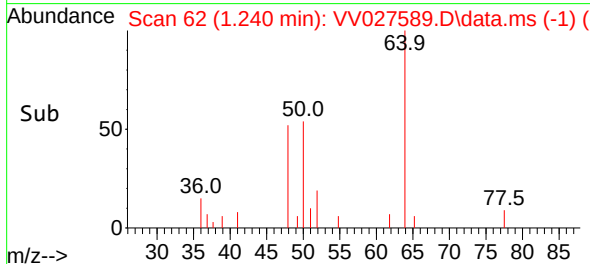
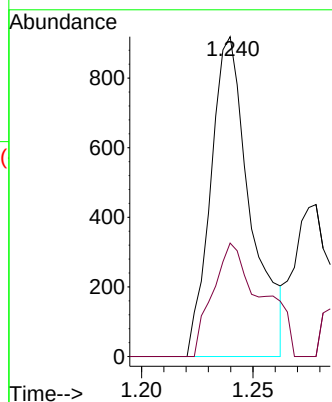
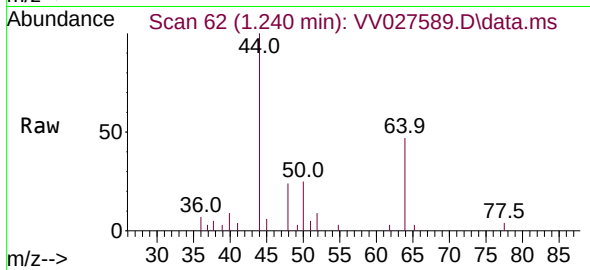




#3
Chloromethane
Concen: 0.086 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027589.D
Acq: 30 Aug 2022 16:27

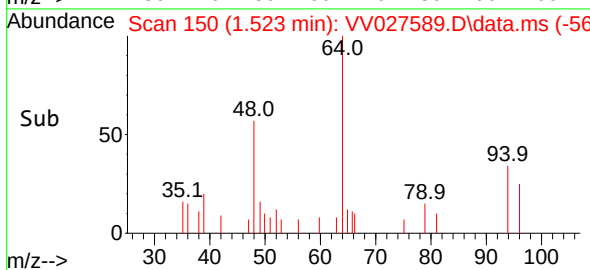
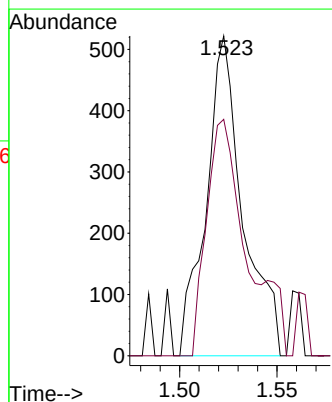
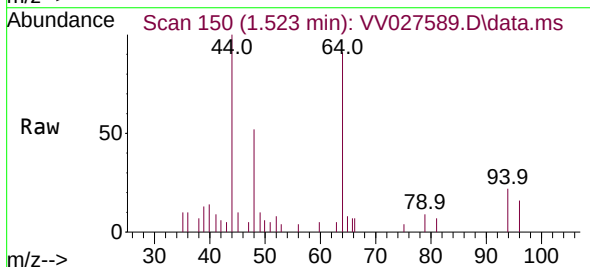
Instrument :
MSVOA_V
ClientSampleId :
DBVC4

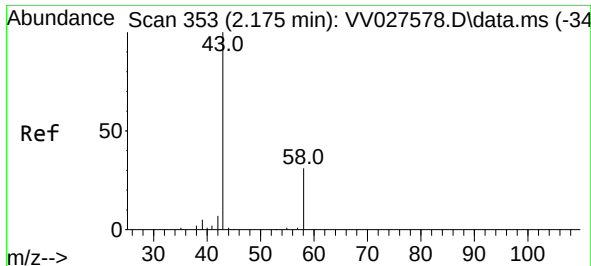
Tgt Ion: 50 Resp: 1136
Ion Ratio Lower Upper
50 100
52 35.5 22.8 42.4



#6
Bromomethane
Concen: 0.104 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027589.D
Acq: 30 Aug 2022 16:27

Tgt Ion: 94 Resp: 685
Ion Ratio Lower Upper
94 100
96 73.9 65.2 121.0





#13

Acetone

Concen: 6.115 ug/L

RT: 2.175 min Scan# 353

Delta R.T. 0.000 min

Lab File: VV027589.D

Acq: 30 Aug 2022 16:27

Instrument :

MSVOA_V

ClientSampleId :

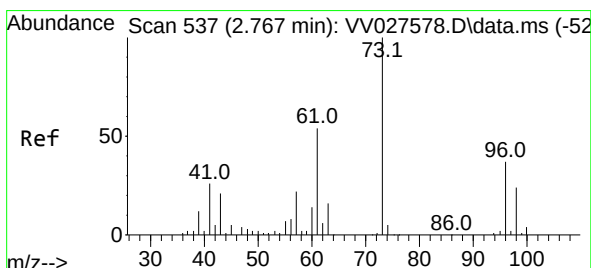
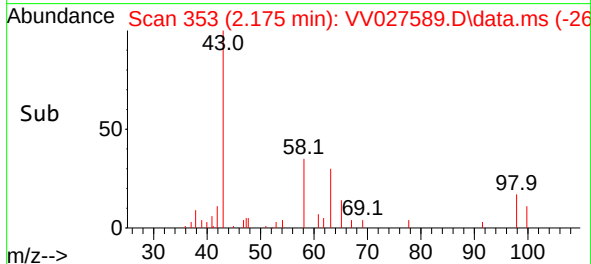
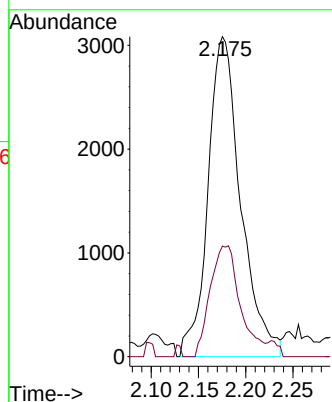
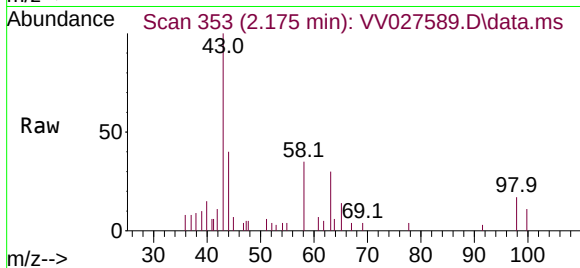
DBVC4

Tgt Ion: 43 Resp: 7414

Ion Ratio Lower Upper

43 100

58 31.9 0.0 62.2



#17

Methyl tert-butyl Ether

Concen: 0.112 ug/L

RT: 2.773 min Scan# 539

Delta R.T. 0.006 min

Lab File: VV027589.D

Acq: 30 Aug 2022 16:27

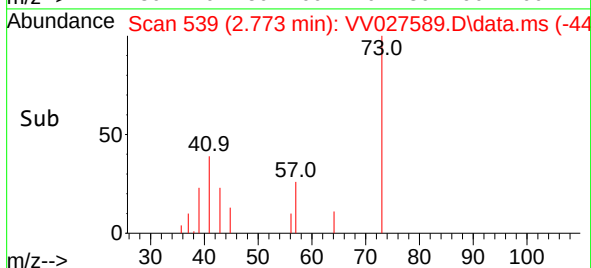
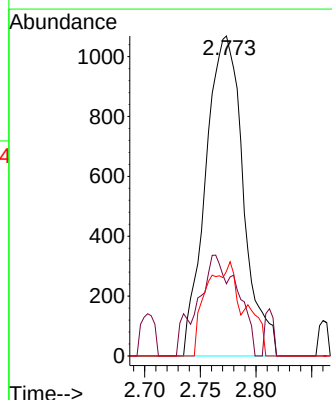
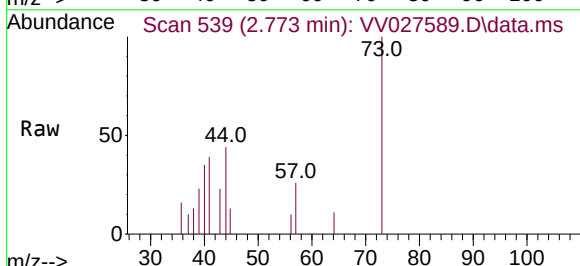
Tgt Ion: 73 Resp: 2520

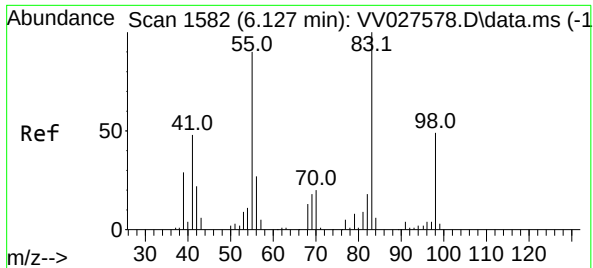
Ion Ratio Lower Upper

73 100

43 11.2 15.6 23.4#

57 23.3 17.0 25.6

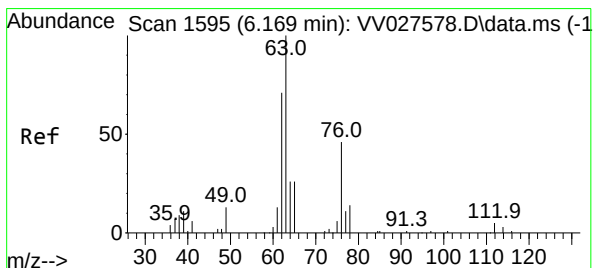
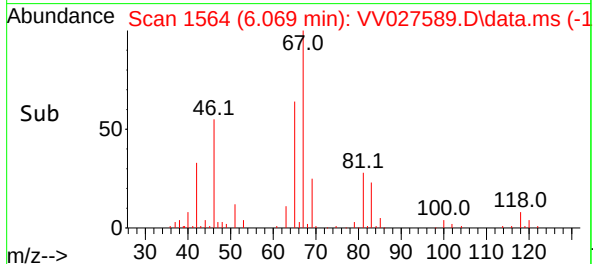
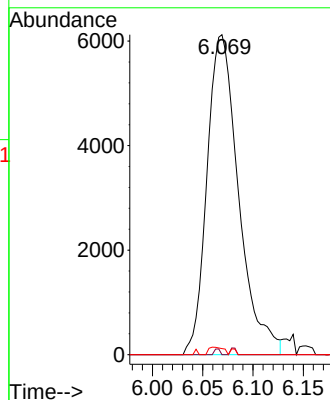
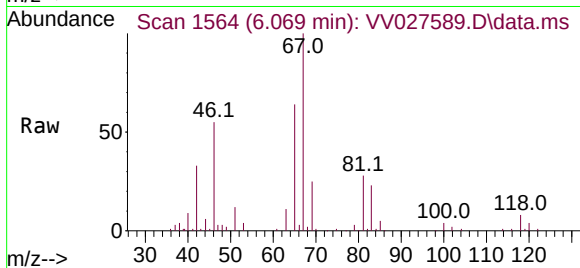




#35
Methylcyclohexane
Concen: 0.753 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027589.D
Acq: 30 Aug 2022 16:27

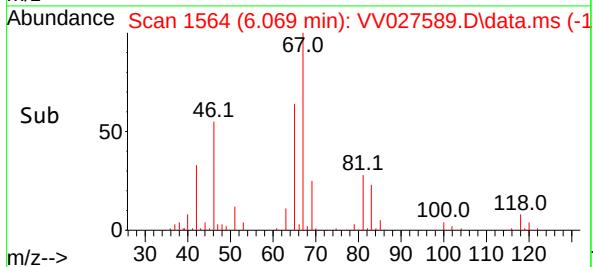
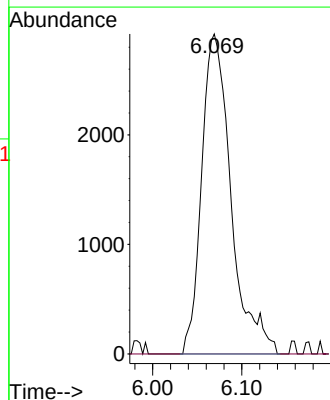
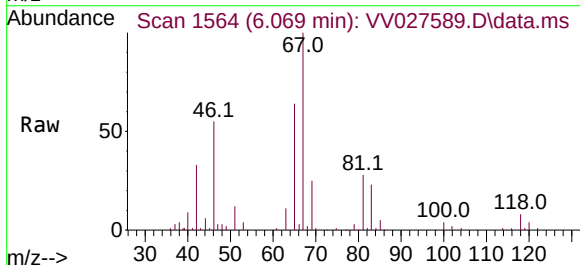
Instrument :
MSVOA_V
ClientSampleId :
DBVC4

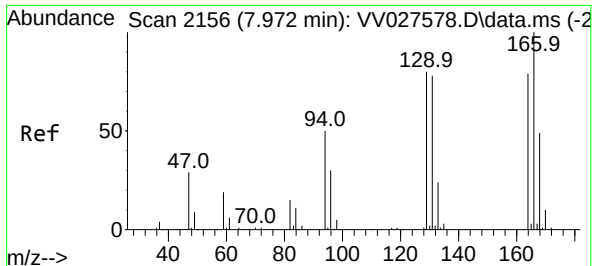
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	68.2	102.4#
98	1.1	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV027589.D
Acq: 30 Aug 2022 16:27

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#





#47

Tetrachloroethene

Concen: 0.091 ug/L

RT: 7.982 min Scan# 2156

Delta R.T. 0.010 min

Lab File: VV027589.D

Acq: 30 Aug 2022 16:27

Instrument :

MSVOA_V

ClientSampleId :

DBVC4

Tgt Ion:164 Resp: 897

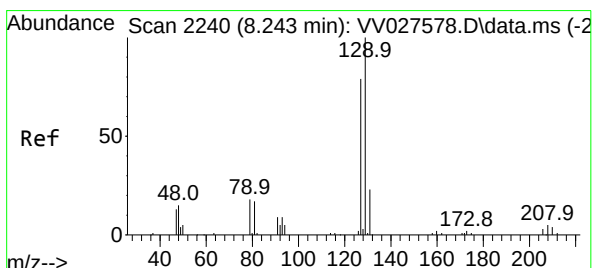
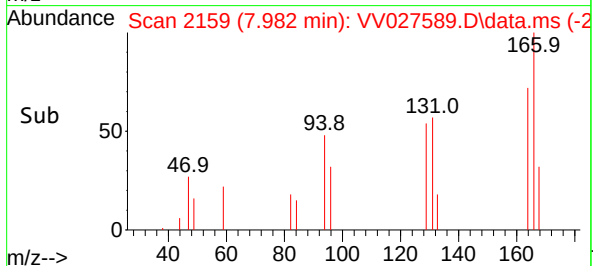
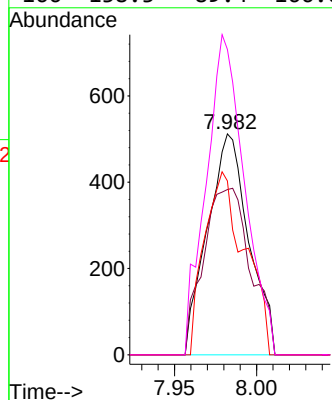
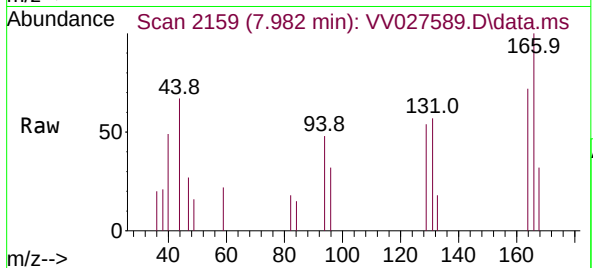
Ion Ratio Lower Upper

164 100

129 74.8 71.1 132.1

131 78.7 64.5 119.9

166 138.3 89.4 166.0



#49

Dibromochloromethane

Concen: 0.077 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.257 min

Lab File: VV027589.D

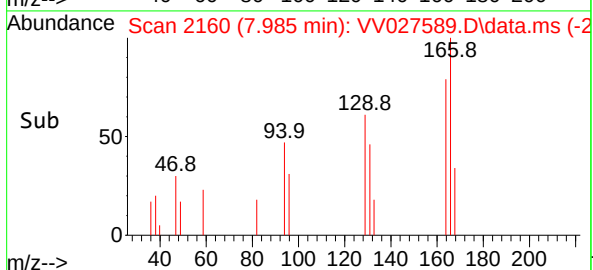
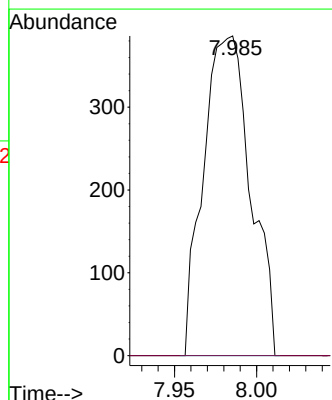
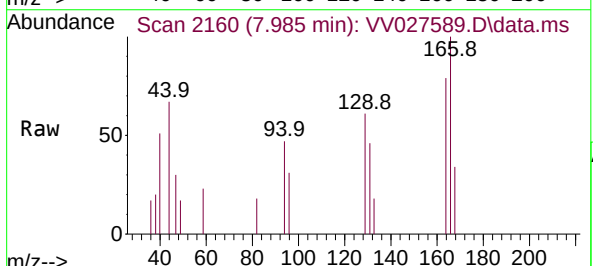
Acq: 30 Aug 2022 16:27

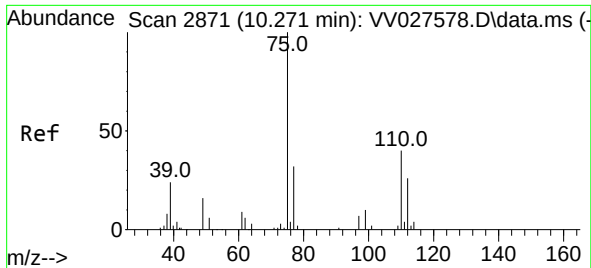
Tgt Ion:129 Resp: 774

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.480 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027589.D
 Acq: 30 Aug 2022 16:27

Instrument :
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.2	39.2
110	1.7	29.9	44.9#

