

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027592.D
 Acq On : 30 Aug 2022 17:41
 Operator : SY/MD
 Sample : N4404-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVE3

Quant Time: Aug 31 04:49:57 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)

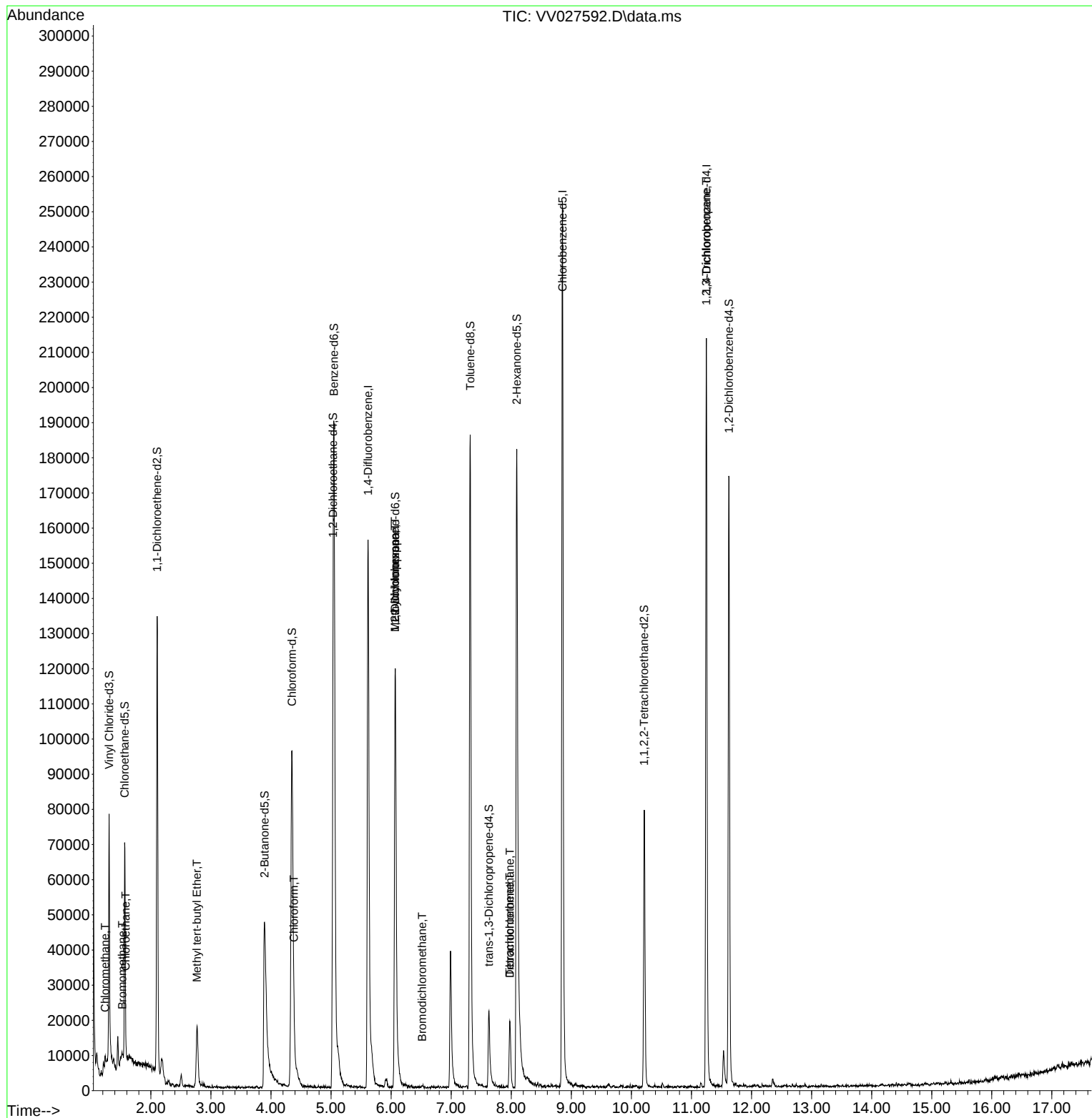
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	137971	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	139083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54994	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	51049	5.199	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.000%		
7) Chloroethane-d5	1.564	69	40046	5.572	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 111.400%		
11) 1,1-Dichloroethene-d2	2.104	63	68452	2.989	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 59.800%#		
20) 2-Butanone-d5	3.892	46	96913	79.305	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 158.620%#		
24) Chloroform-d	4.349	84	96468	4.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.200%		
26) 1,2-Dichloroethane-d4	5.034	65	45357	5.340	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.800%		
32) Benzene-d6	5.050	84	167461	4.347	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 87.000%		
36) 1,2-Dichloropropane-d6	6.069	67	60472	5.399	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.000%		
41) Toluene-d8	7.317	98	130979	3.765	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 75.400%		
43) trans-1,3-Dichloroprop...	7.628	79	14488	3.778	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 75.600%		
46) 2-Hexanone-d5	8.091	63	60873	48.221	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 96.440%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38189	5.354	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	44069	5.406	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.200%		
Target Compounds						Qvalue
3) Chloromethane	1.236	50	1041	0.081	ug/L #	78
6) Bromomethane	1.523	94	646	0.102	ug/L	86
8) Chloroethane	1.580	64	646	0.086	ug/L #	53
17) Methyl tert-butyl Ether	2.767	73	15200	0.704	ug/L #	90
25) Chloroform	4.381	83	13272	0.548	ug/L	99
35) Methylcyclohexane	6.066	83	14782	0.864	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	6552	0.531	ug/L #	86
38) Bromodichloromethane	6.516	83	592	0.038	ug/L #	65
47) Tetrachloroethene	7.976	164	4511	0.476	ug/L	92
49) Dibromochloromethane	7.979	129	4477	0.462	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	6678	1.384	ug/L #	65

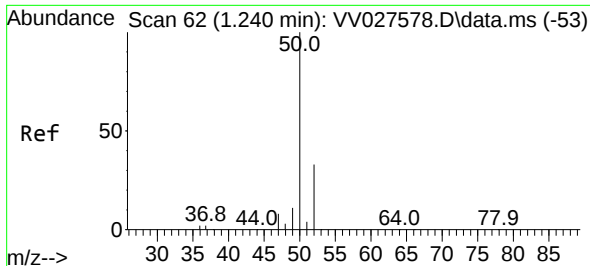
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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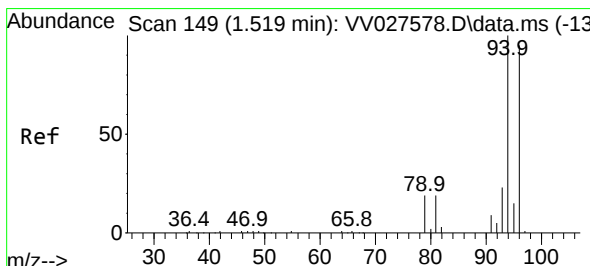
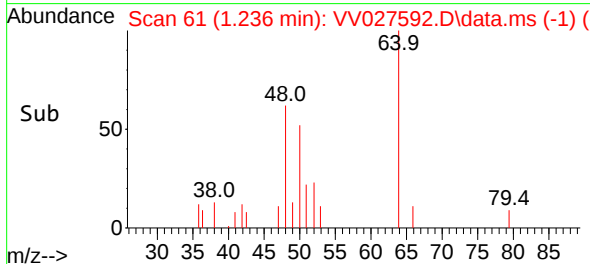
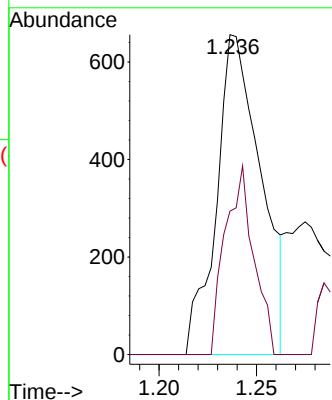
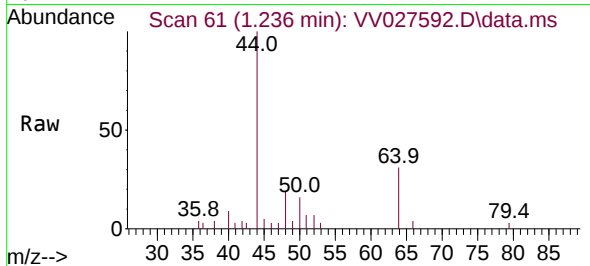




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027592.D
Acq: 30 Aug 2022 17:41

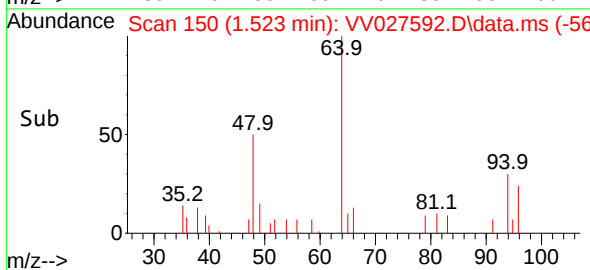
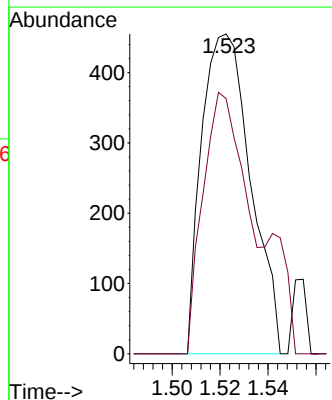
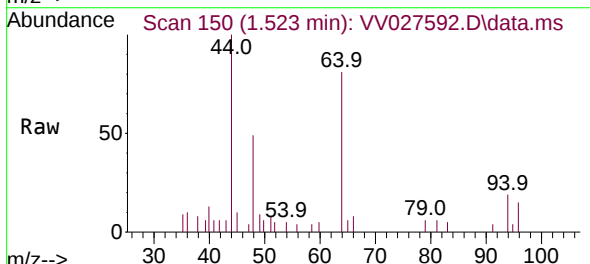
Instrument :
MSVOA_V
ClientSampleId :
DBVE3

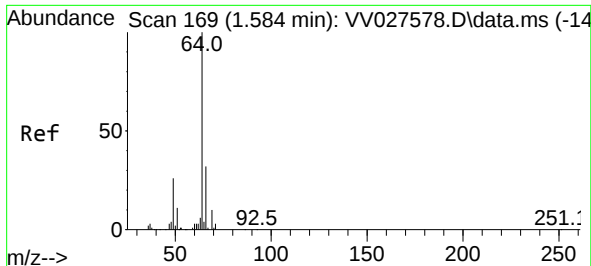
Tgt Ion: 50 Resp: 1041
Ion Ratio Lower Upper
50 100
52 44.8 22.8 42.4#



#6
Bromomethane
Concen: 0.102 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027592.D
Acq: 30 Aug 2022 17:41

Tgt Ion: 94 Resp: 646
Ion Ratio Lower Upper
94 100
96 79.8 65.2 121.0

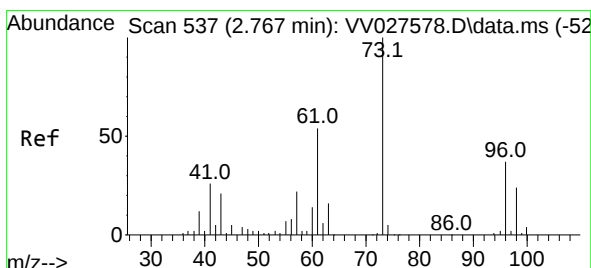
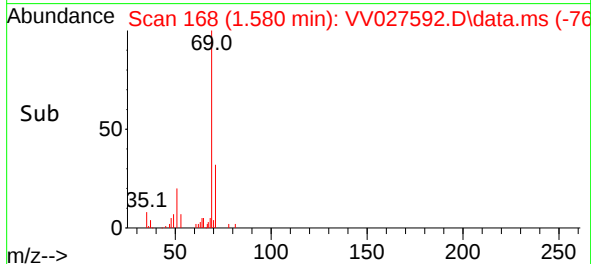
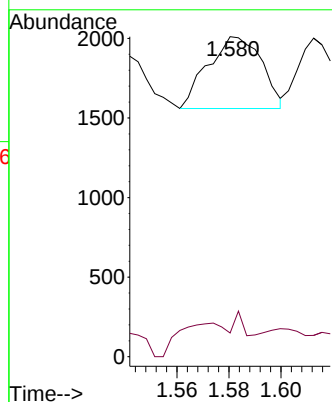
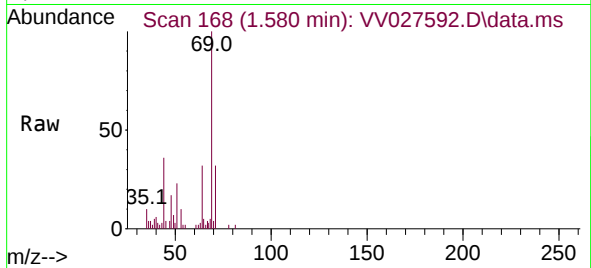




#8
Chloroethane
Concen: 0.086 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027592.D
Acq: 30 Aug 2022 17:41

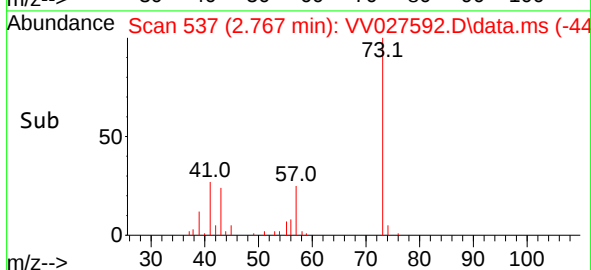
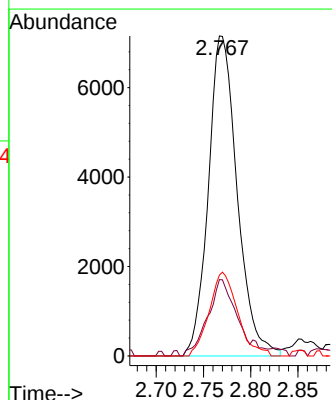
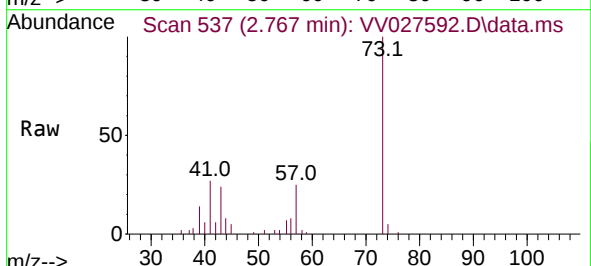
Instrument :
MSVOA_V
ClientSampleId :
DBVE3

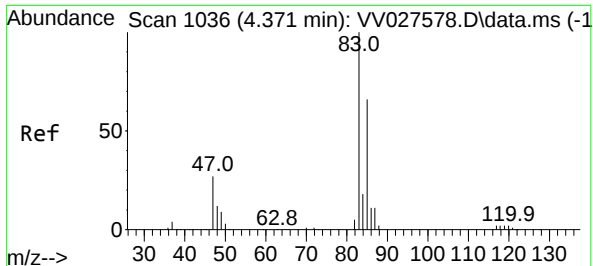
Tgt Ion: 64 Resp: 646
Ion Ratio Lower Upper
64 100
66 6.5 23.3 43.3#



#17
Methyl tert-butyl Ether
Concen: 0.704 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV027592.D
Acq: 30 Aug 2022 17:41

Tgt Ion: 73 Resp: 15200
Ion Ratio Lower Upper
73 100
43 24.7 15.6 23.4#
57 25.7 17.0 25.6#





#25

Chloroform

Concen: 0.548 ug/L

RT: 4.381 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV027592.D

Acq: 30 Aug 2022 17:41

Instrument :

MSVOA_V

ClientSampleId :

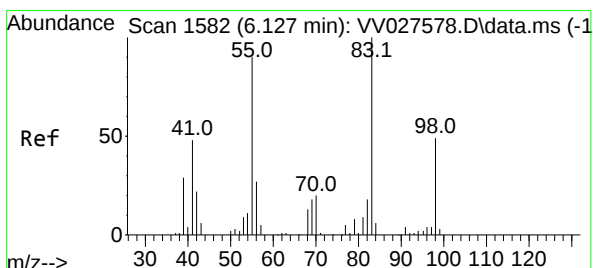
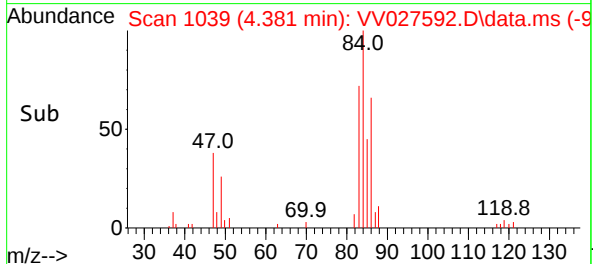
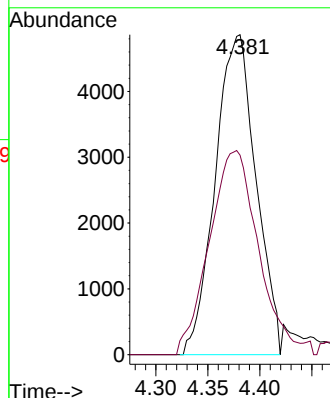
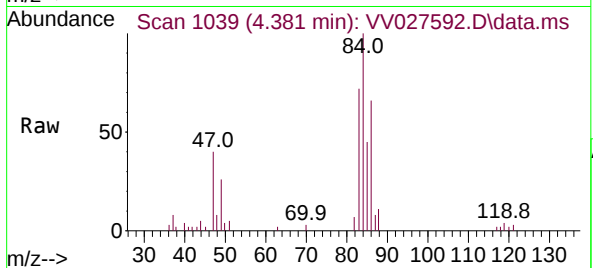
DBVE3

Tgt Ion: 83 Resp: 13272

Ion Ratio Lower Upper

83 100

85 62.4 43.3 80.5



#35

Methylcyclohexane

Concen: 0.864 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027592.D

Acq: 30 Aug 2022 17:41

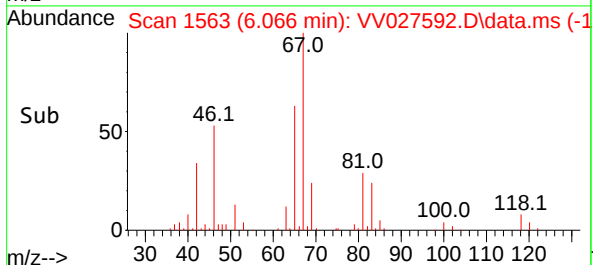
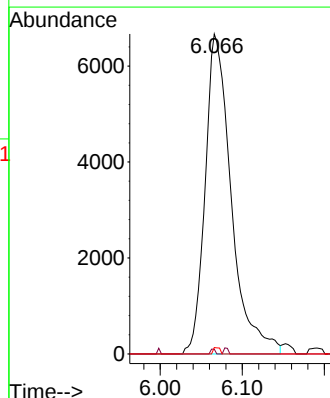
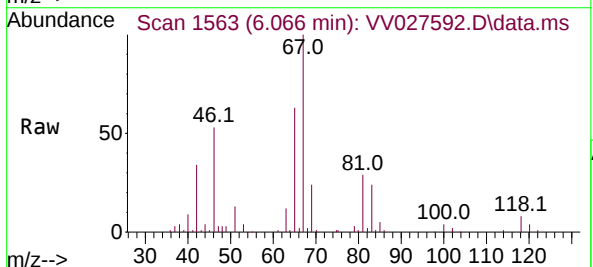
Tgt Ion: 83 Resp: 14782

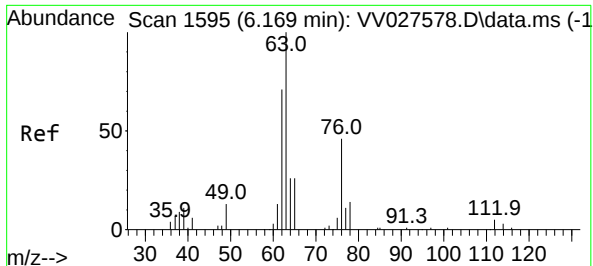
Ion Ratio Lower Upper

83 100

55 0.3 68.2 102.4#

98 0.5 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.531 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027592.D

Acq: 30 Aug 2022 17:41

Instrument :

MSVOA_V

ClientSampleId :

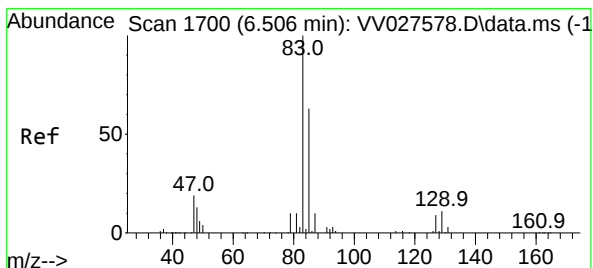
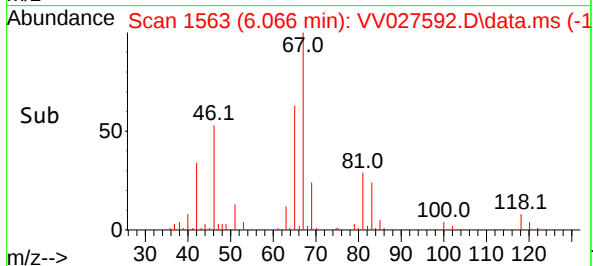
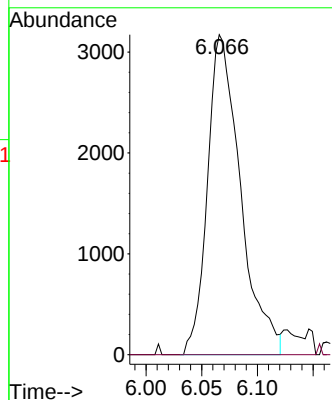
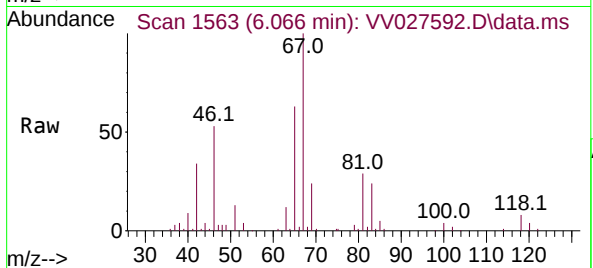
DBVE3

Tgt Ion: 63 Resp: 6552

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.038 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.010 min

Lab File: VV027592.D

Acq: 30 Aug 2022 17:41

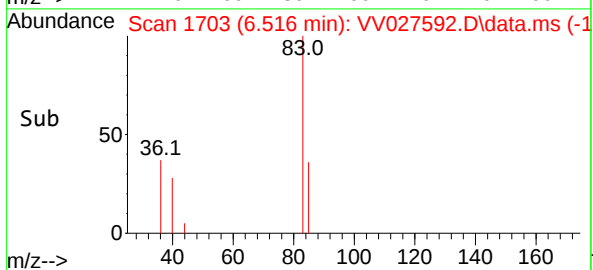
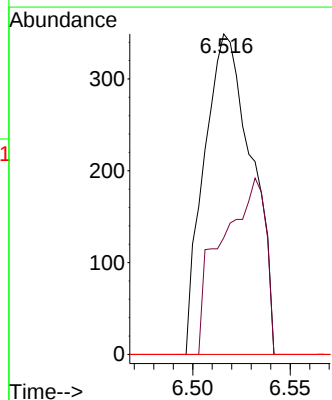
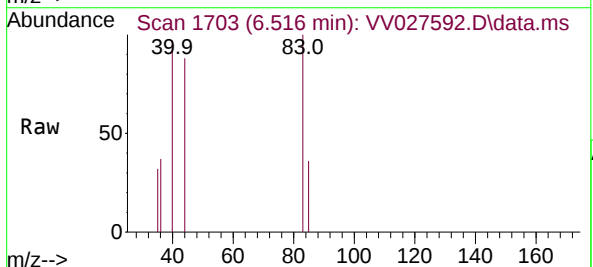
Tgt Ion: 83 Resp: 592

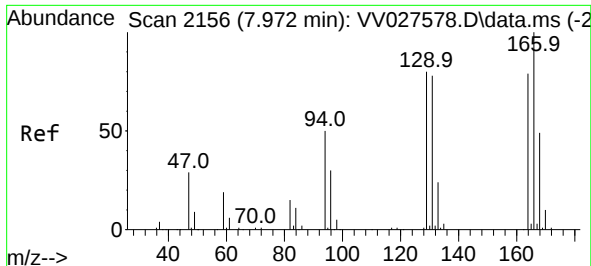
Ion Ratio Lower Upper

83 100

85 36.4 45.3 84.1#

127 0.0 7.2 10.8#





#47

Tetrachloroethene

Concen: 0.476 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV027592.D

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Tgt Ion:164 Resp: 4511

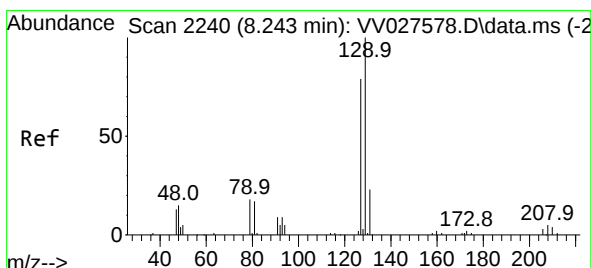
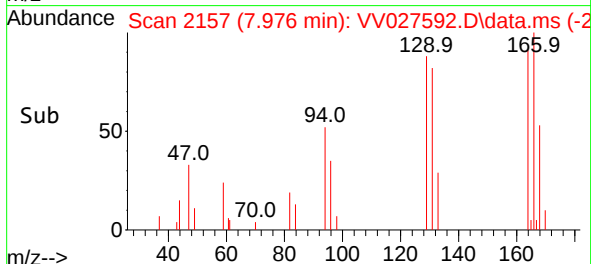
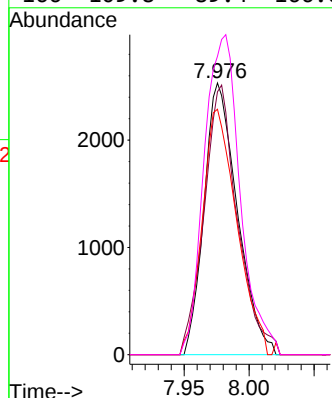
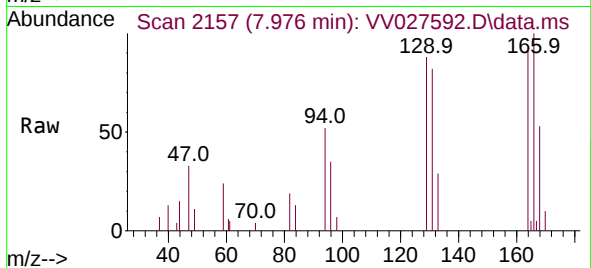
Ion Ratio Lower Upper

164 100

129 96.8 71.1 132.1

131 90.3 64.5 119.9

166 109.8 89.4 166.0



#49

Dibromochloromethane

Concen: 0.462 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV027592.D

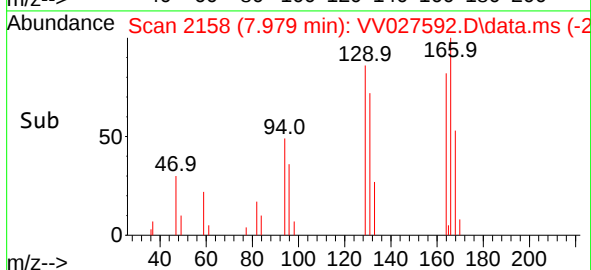
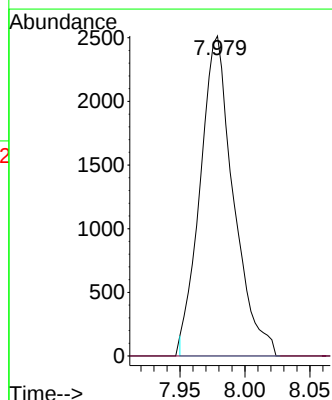
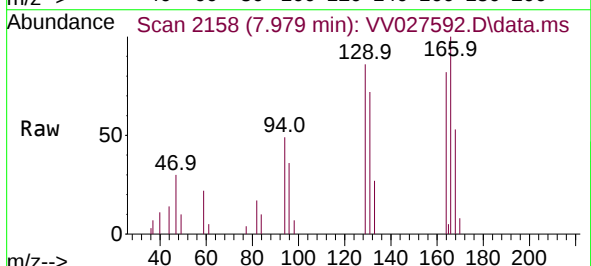
Acq: 30 Aug 2022 17:41

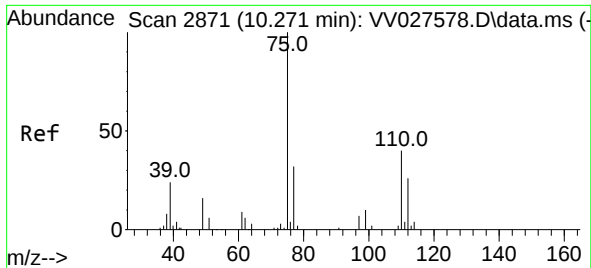
Tgt Ion:129 Resp: 4477

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 1.384 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV027592.D

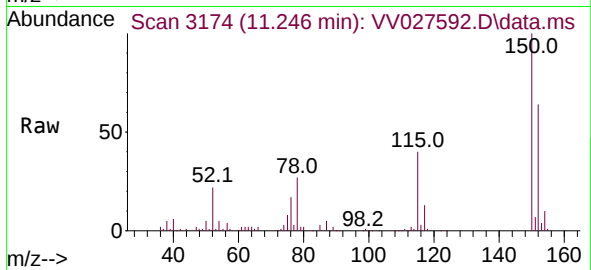
Acq: 30 Aug 2022 17:41

Instrument :

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Tgt Ion: 75 Resp: 6678

Ion Ratio Lower Upper

75 100

77 39.5 26.2 39.2#

110 4.5 29.9 44.9#

