

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027560.D
 Acq On : 29 Aug 2022 14:19
 Operator : SY/MD
 Sample : N4366-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E79

Quant Time: Aug 30 04:18:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

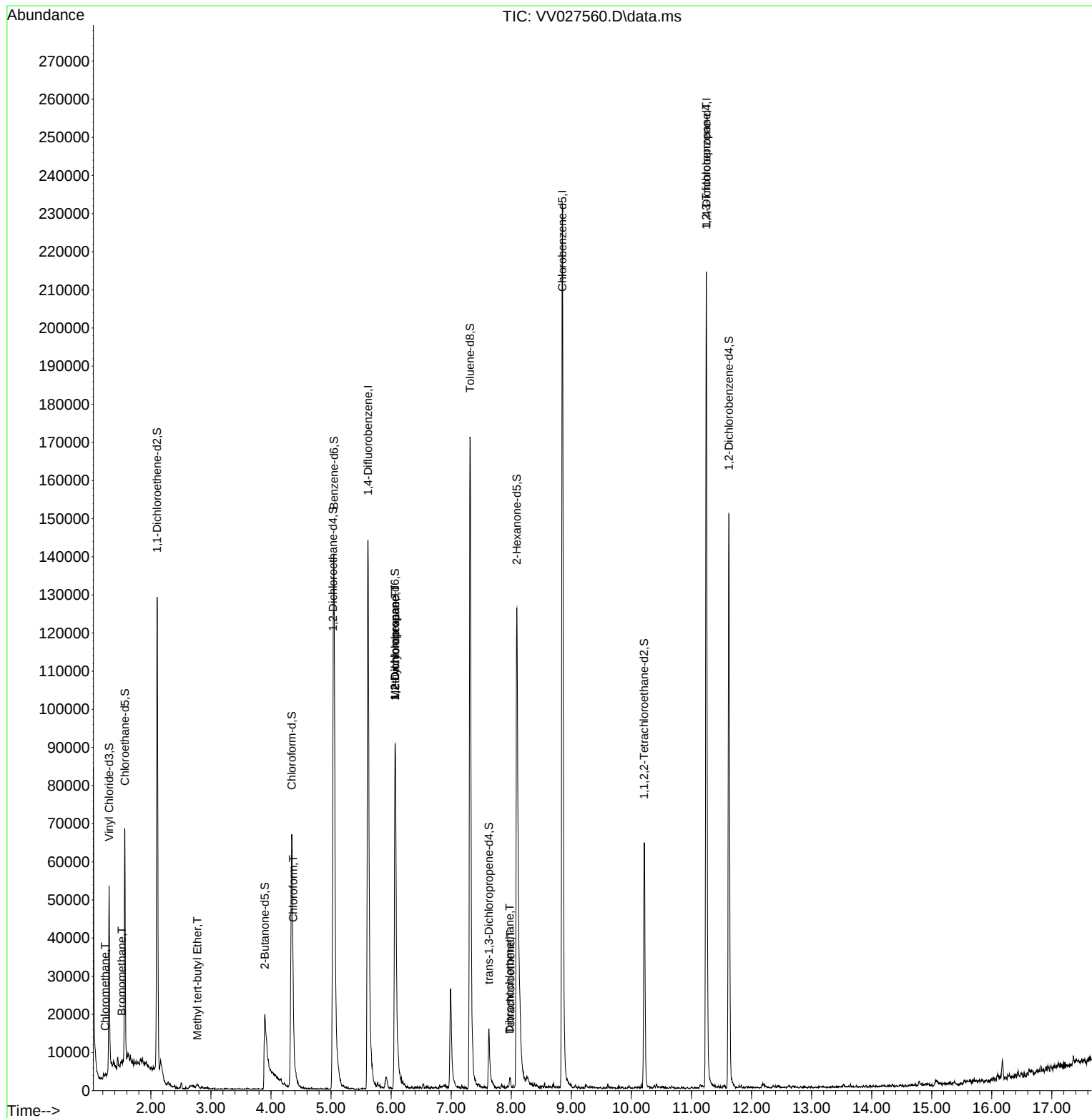
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	129205	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	135641	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56600	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36228	3.940	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.568	69	38048	5.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.000%
11) 1,1-Dichloroethene-d2	2.105	63	65674	3.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.899	46	39783	34.764	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.520%
24) Chloroform-d	4.346	84	70826	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	5.034	65	35537	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.047	84	133334	3.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.000%
36) 1,2-Dichloropropane-d6	6.066	67	47156	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.314	98	117922	3.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.629	79	9197	2.459	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	49.200%#
46) 2-Hexanone-d5	8.092	63	48555	39.439	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31261	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	39534	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
3) Chloromethane	1.240	50	745	0.062	ug/L	95
6) Bromomethane	1.516	94	430	0.072	ug/L	74
17) Methyl tert-butyl Ether	2.773	73	684	0.034	ug/L #	83
25) Chloroform	4.368	83	3737	0.165	ug/L	96
35) Methylcyclohexane	6.069	83	11855	0.710	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	5515	0.459	ug/L #	87
47) Tetrachloroethene	7.986	164	708	0.077	ug/L #	71
49) Dibromochloromethane	7.976	129	630	0.067	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	6530	1.315	ug/L #	66

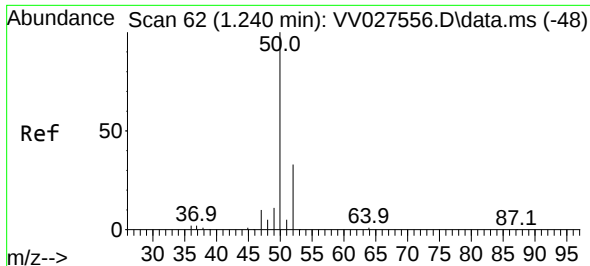
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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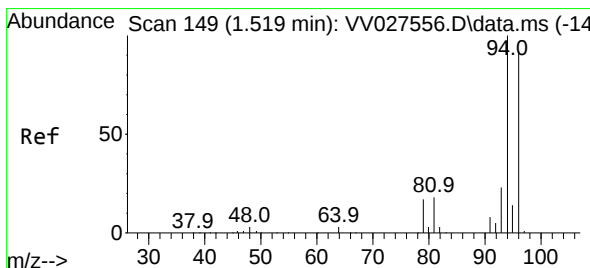
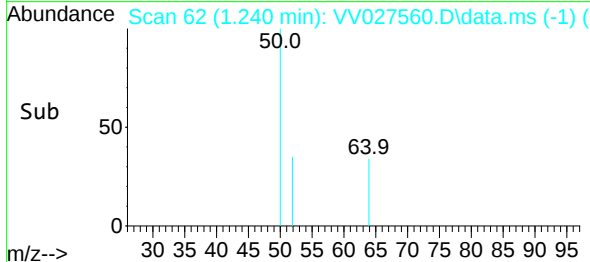
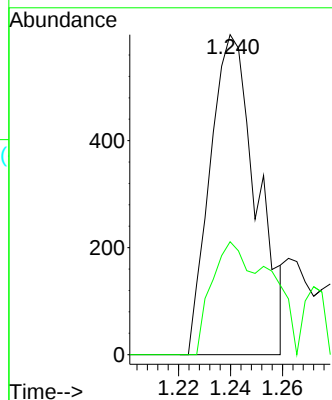
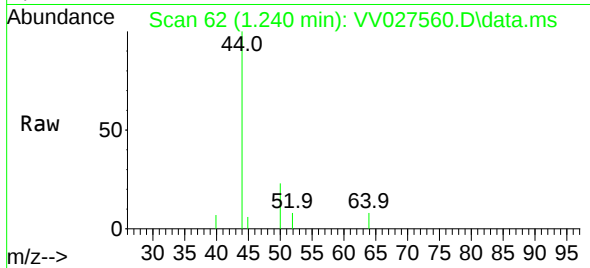




#3
Chloromethane
Concen: 0.062 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027560.D
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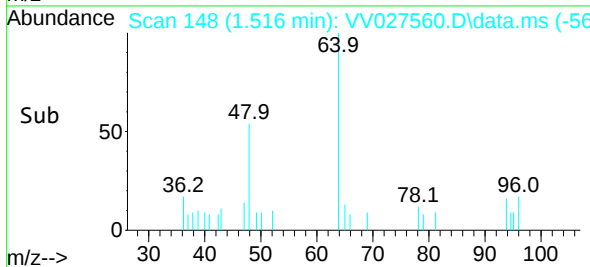
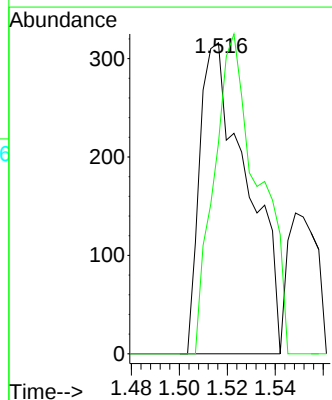
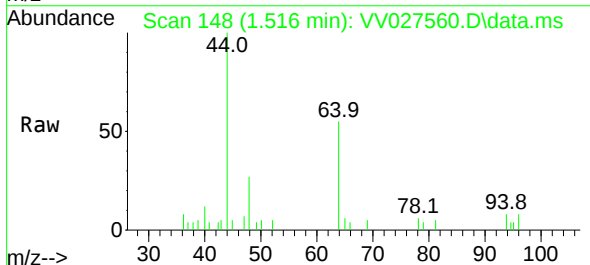
Instrument :
MSVOA_V
ClientSampleId :
F5E79

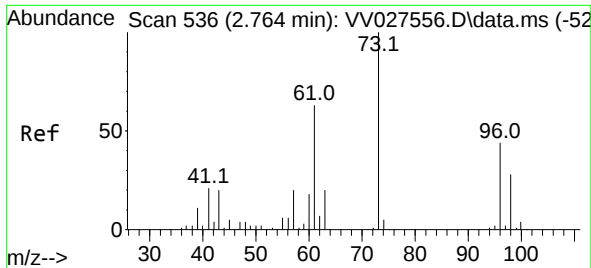
Tgt Ion: 50 Resp: 745
Ion Ratio Lower Upper
50 100
52 35.3 22.8 42.4



#6
Bromomethane
Concen: 0.072 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.003 min
Lab File: VV027560.D
Acq: 29 Aug 2022 14:19

Tgt Ion: 94 Resp: 430
Ion Ratio Lower Upper
94 100
96 67.7 65.2 121.0

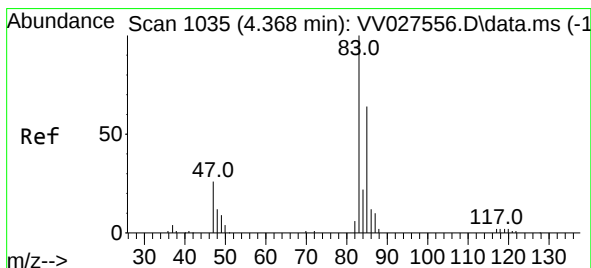
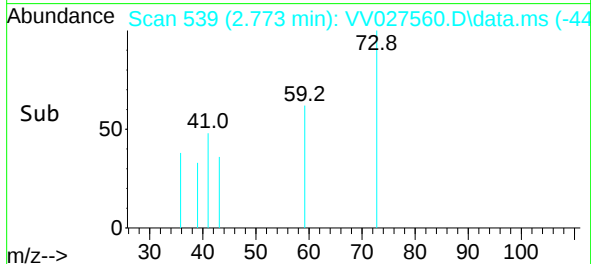
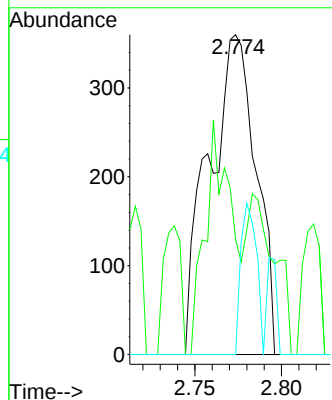
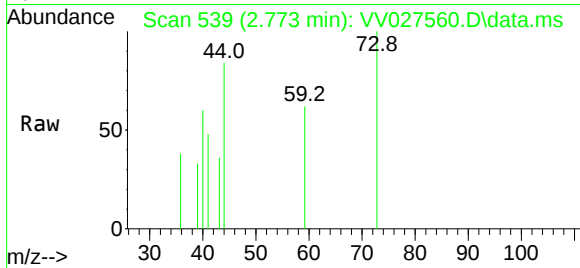




#17
Methyl tert-butyl Ether
Concen: 0.034 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV027560.D
Acq: 29 Aug 2022 14:19

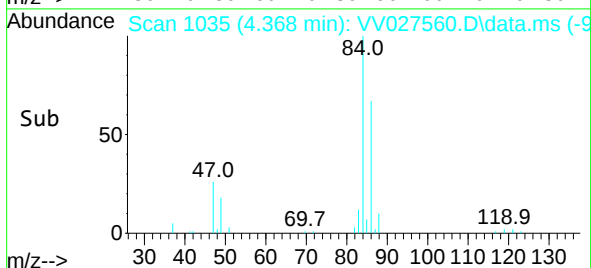
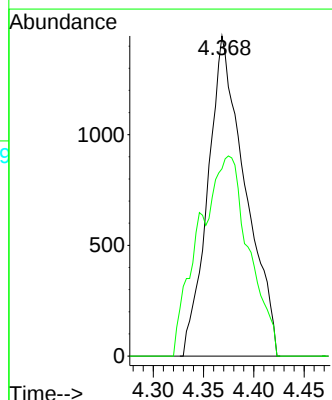
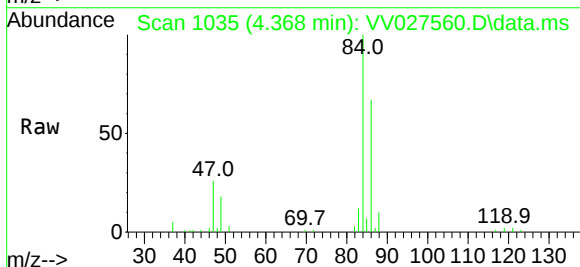
Instrument :
MSVOA_V
ClientSampleId :
F5E79

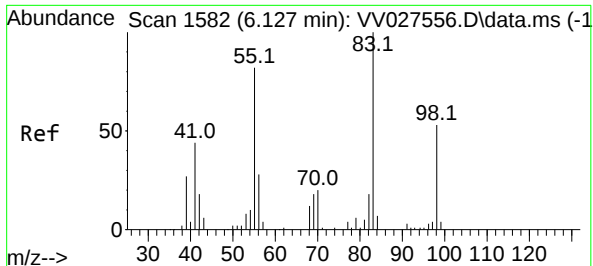
Tgt Ion: 73 Resp: 684
Ion Ratio Lower Upper
73 100
43 30.0 15.6 23.4#
57 15.6 17.0 25.6#



#25
Chloroform
Concen: 0.165 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV027560.D
Acq: 29 Aug 2022 14:19

Tgt Ion: 83 Resp: 3737
Ion Ratio Lower Upper
83 100
85 58.5 43.3 80.5





#35

Methylcyclohexane

Concen: 0.710 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027560.D

Acq: 29 Aug 2022 14:19

Instrument :

MSVOA_V

ClientSampleId :

F5E79

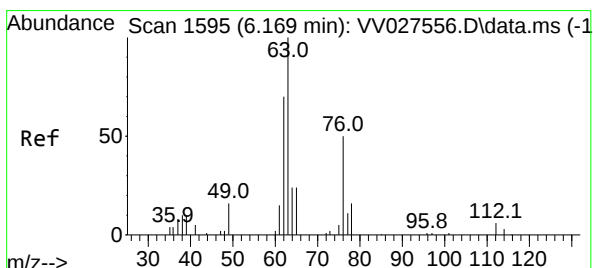
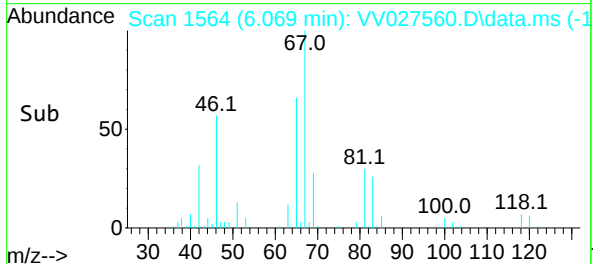
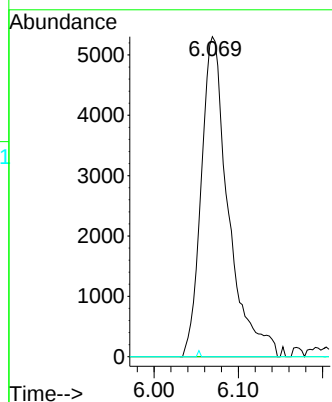
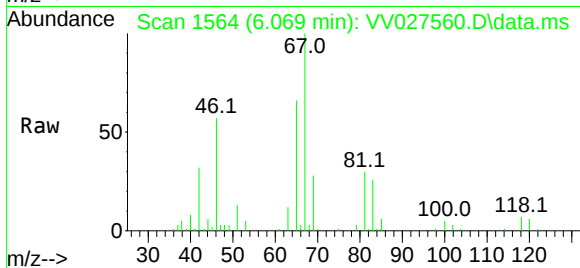
Tgt Ion: 83 Resp: 11855

Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

98 0.2 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.459 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV027560.D

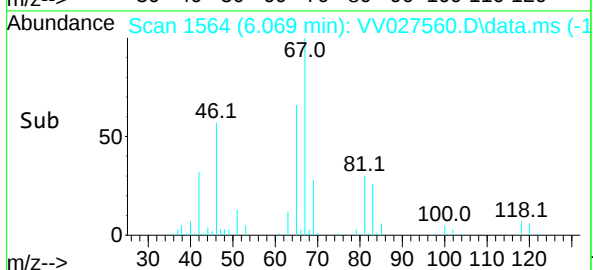
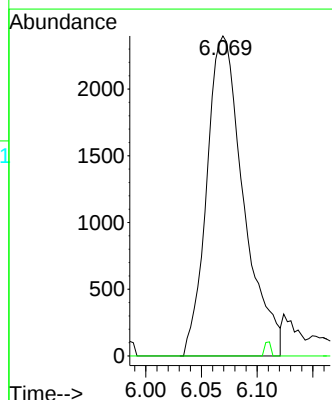
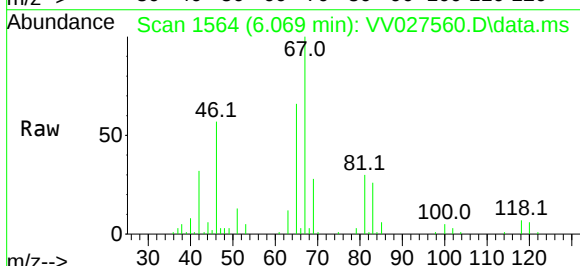
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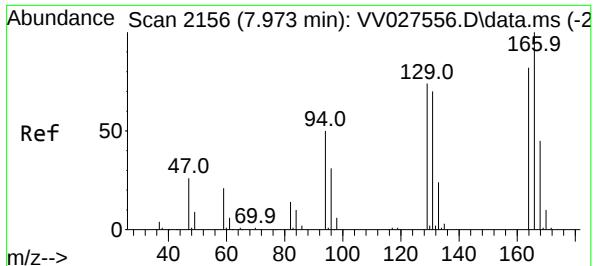
Tgt Ion: 63 Resp: 5515

Ion Ratio Lower Upper

63 100

112 0.7 3.9 5.9#





#47

Tetrachloroethene

Concen: 0.077 ug/L

RT: 7.986 min Scan# 2156

Delta R.T. 0.013 min

Lab File: VV027560.D

Acq: 29 Aug 2022 14:19

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Tgt Ion:164 Resp: 708

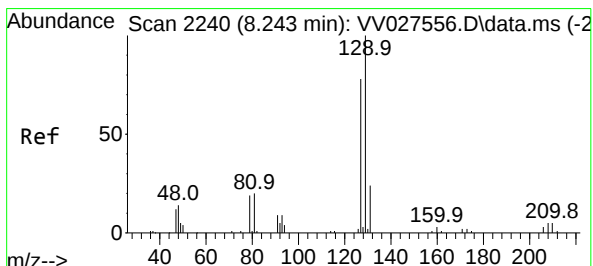
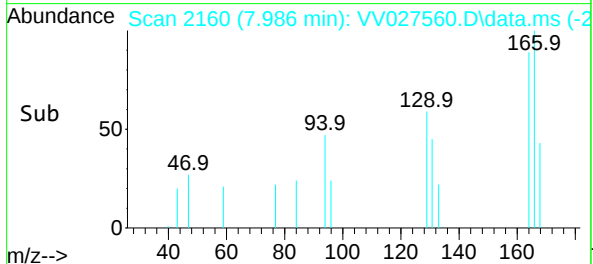
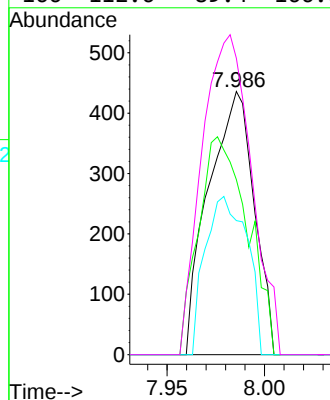
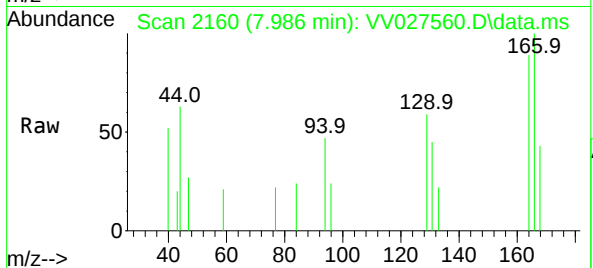
Ion Ratio Lower Upper

164 100

129 66.5 71.1 132.1#

131 50.9 64.5 119.9#

166 112.6 89.4 166.0



#49

Dibromochloromethane

Concen: 0.067 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027560.D

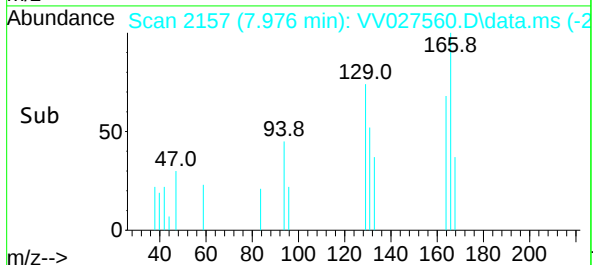
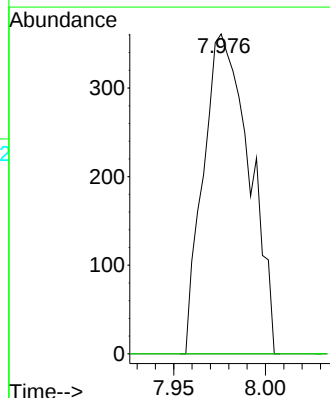
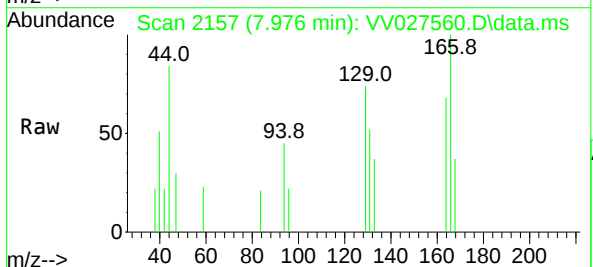
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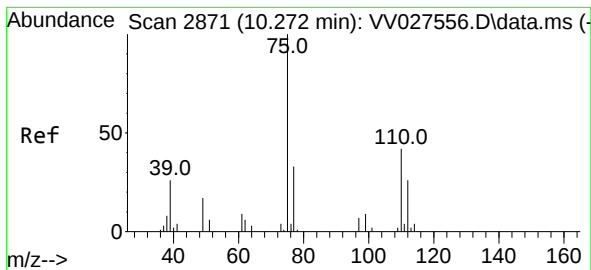
Tgt Ion:129 Resp: 630

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 1.315 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV027560.D

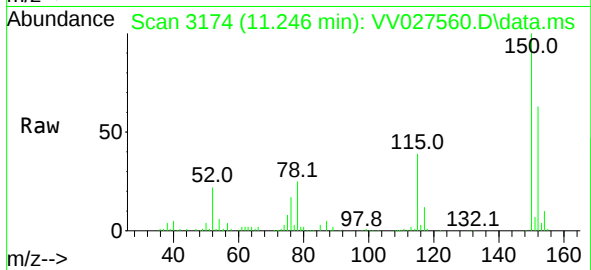
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Tgt Ion: 75 Resp: 6530

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.2

110 4.0 29.9 44.9#

