

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027505.D
 Acq On : 25 Aug 2022 19:28
 Operator : SY/MD
 Sample : N4370-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 01:02:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 00:58:54 2022
 Response via : Initial Calibration

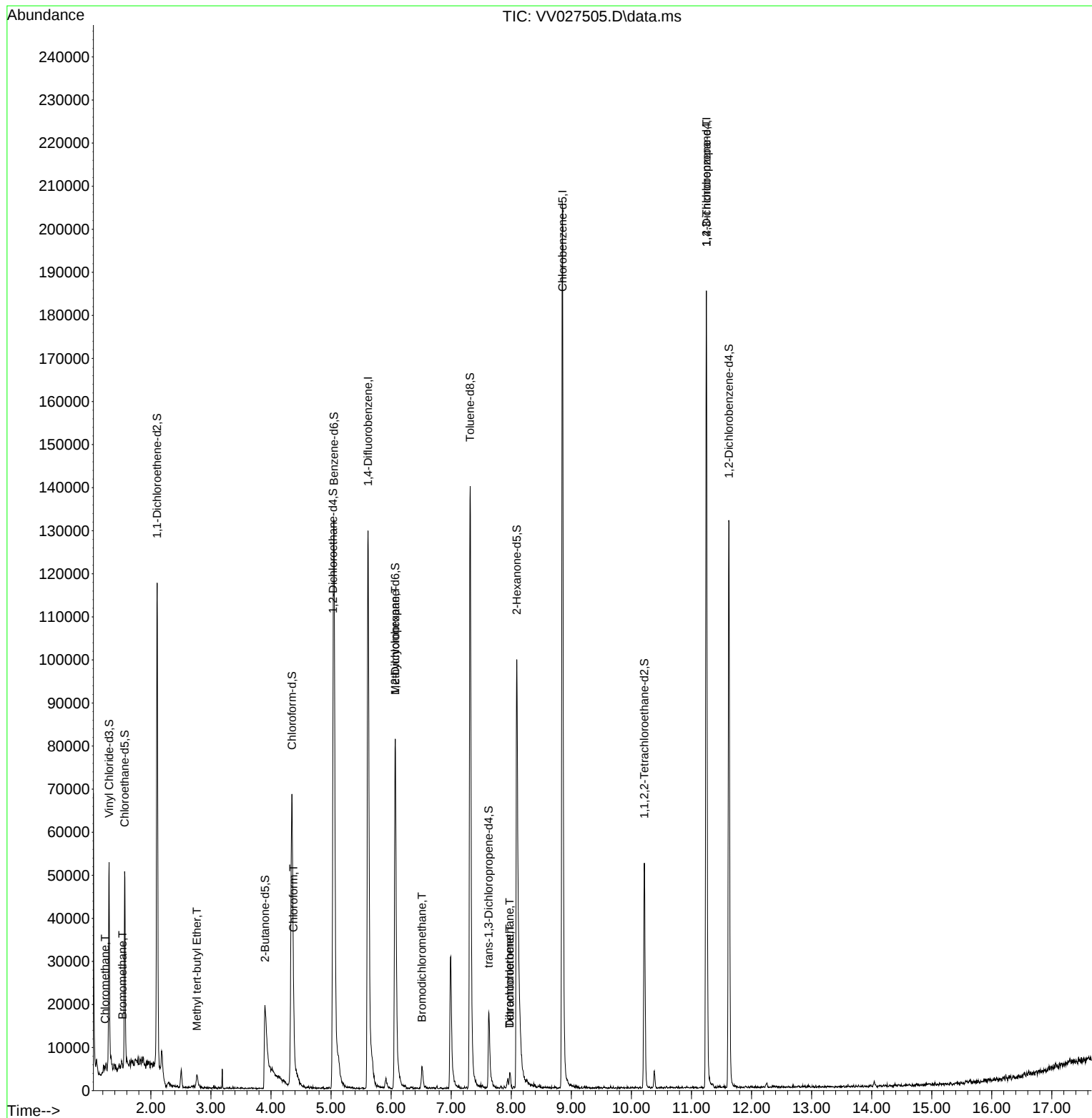
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	117958	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50303	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33144	3.948	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.000%	
7) Chloroethane-d5	1.564	69	28942	4.711	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.105	63	59293	3.029	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.600%	
20) 2-Butanone-d5	3.902	46	35420	33.902	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	67.800%	
24) Chloroform-d	4.349	84	67950	4.048	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
26) 1,2-Dichloroethane-d4	5.034	65	32865	4.526	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
32) Benzene-d6	5.050	84	119974	3.742	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.800%	
36) 1,2-Dichloropropane-d6	6.069	67	38424	4.122	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.400%	
41) Toluene-d8	7.317	98	99100	3.423	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.400%#	
43) trans-1,3-Dichloroprop...	7.625	79	11607	3.637	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.800%	
46) 2-Hexanone-d5	8.091	63	40937	38.966	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.940%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25777	4.343	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	33462	4.487	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	559	0.051	ug/L #	71
6) Bromomethane	1.526	94	406	0.075	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	2422	0.131	ug/L	99
25) Chloroform	4.375	83	8191	0.396	ug/L	89
35) Methylcyclohexane	6.069	83	9729	0.683	ug/L #	15
38) Bromodichloromethane	6.513	83	3583	0.275	ug/L #	88
47) Tetrachloroethene	7.976	164	704	0.089	ug/L	94
49) Dibromochloromethane	7.976	129	792	0.098	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	5487	1.243	ug/L #	64

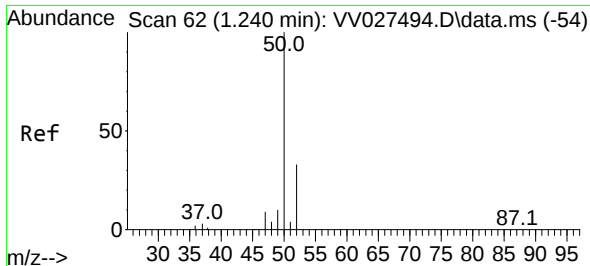
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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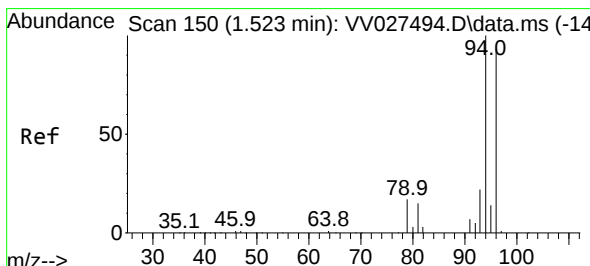
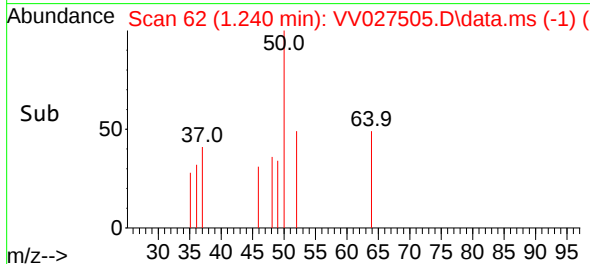
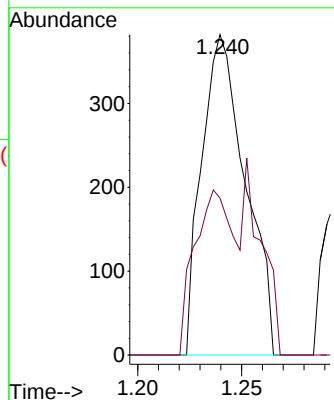
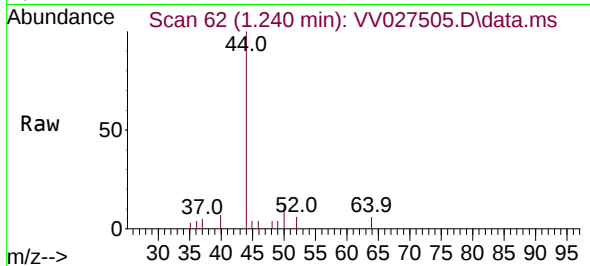




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027505.D
Acq: 25 Aug 2022 19:28

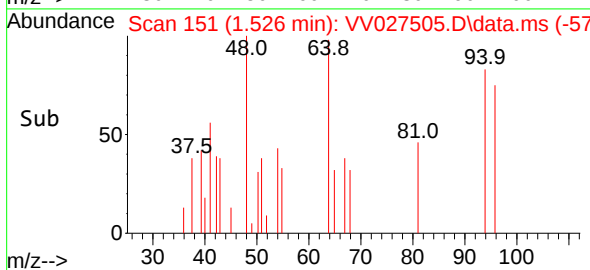
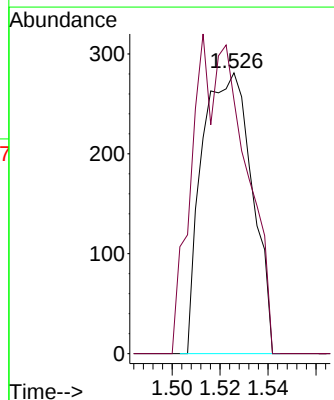
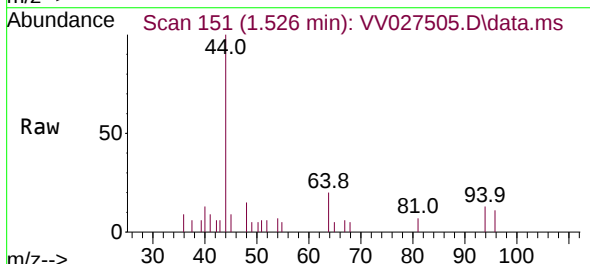
Instrument :
MSVOA_V
ClientSampleId :

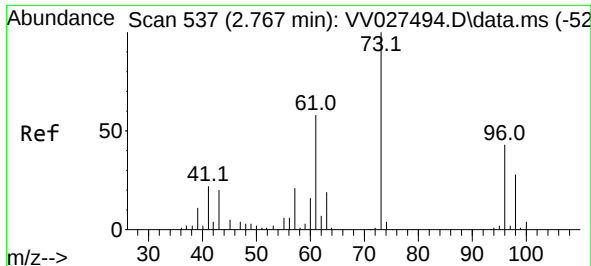
Tgt Ion: 50 Resp: 559
Ion Ratio Lower Upper
50 100
52 49.0 22.8 42.4#



#6
Bromomethane
Concen: 0.075 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV027505.D
Acq: 25 Aug 2022 19:28

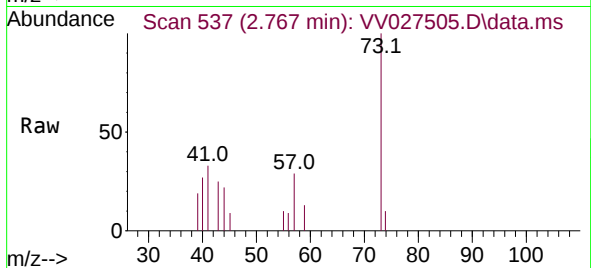
Tgt Ion: 94 Resp: 406
Ion Ratio Lower Upper
94 100
96 90.4 65.2 121.0



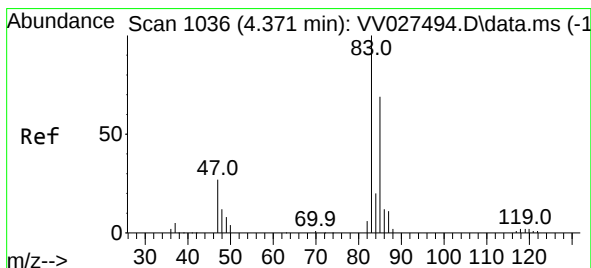
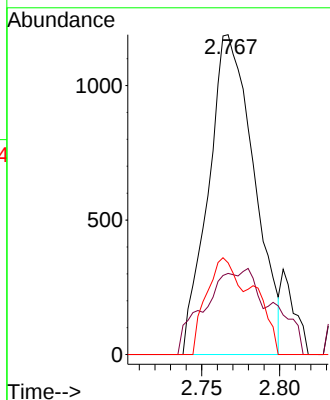
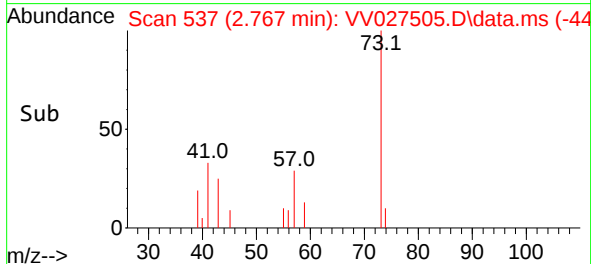


#17
Methyl tert-butyl Ether
Concen: 0.131 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027505.D
Acq: 25 Aug 2022 19:28

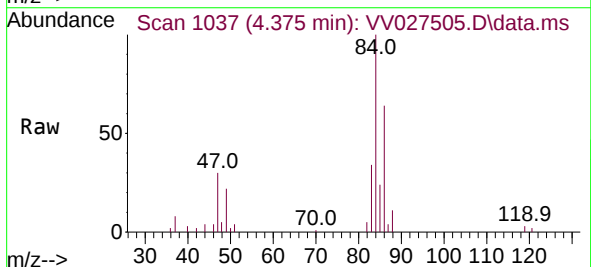
Instrument :
MSVOA_V
ClientSampleId :



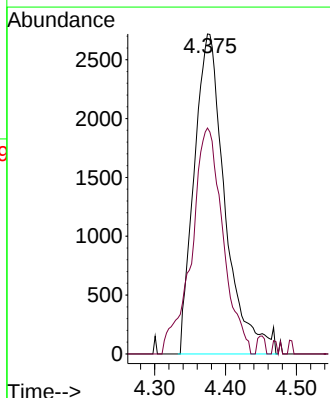
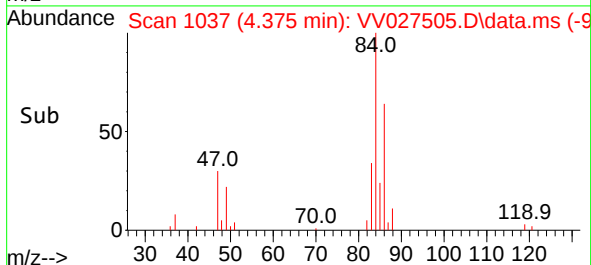
Tgt Ion: 73 Resp: 2422
Ion Ratio Lower Upper
73 100
43 20.4 15.6 23.4
57 21.5 17.0 25.6

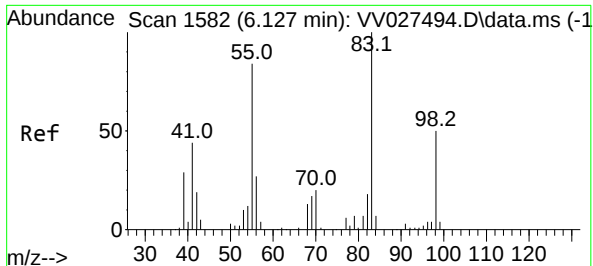


#25
Chloroform
Concen: 0.396 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV027505.D
Acq: 25 Aug 2022 19:28



Tgt Ion: 83 Resp: 8191
Ion Ratio Lower Upper
83 100
85 70.6 43.3 80.5





#35

Methylcyclohexane

Concen: 0.683 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV027505.D

Acq: 25 Aug 2022 19:28

Instrument :

MSVOA_V

ClientSampleId :

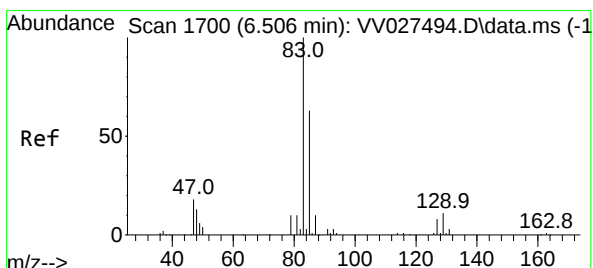
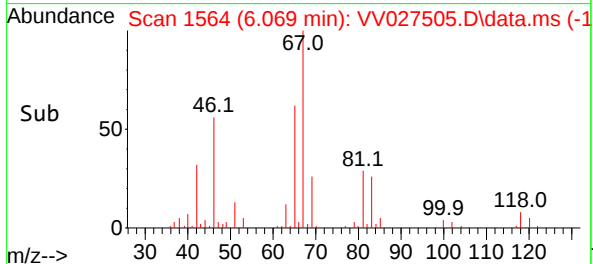
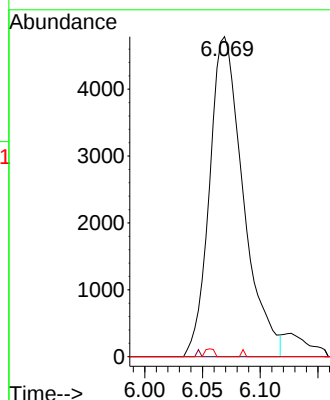
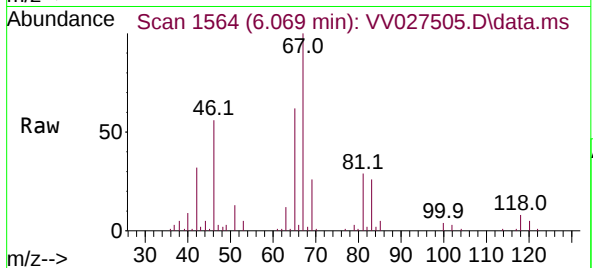
Tgt Ion: 83 Resp: 9729

Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

98 0.2 39.0 58.4#



#38

Bromodichloromethane

Concen: 0.275 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV027505.D

Acq: 25 Aug 2022 19:28

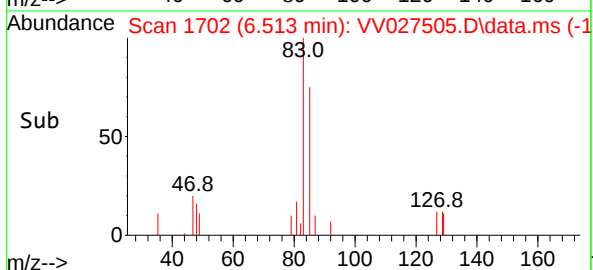
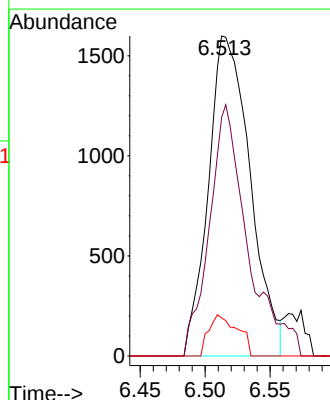
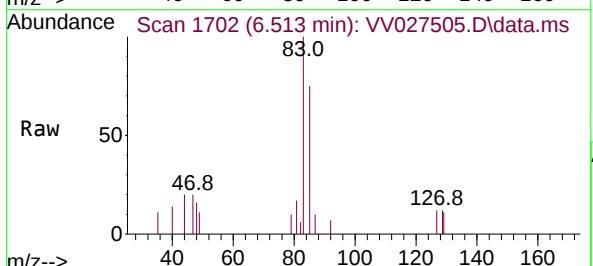
Tgt Ion: 83 Resp: 3583

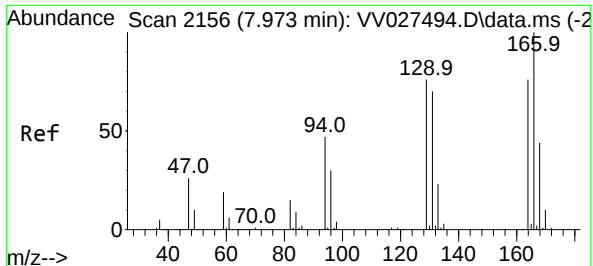
Ion Ratio Lower Upper

83 100

85 74.5 45.3 84.1

127 11.9 7.2 10.8#





#47

Tetrachloroethene

Concen: 0.089 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027505.D

Acq: 25 Aug 2022 19:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 704

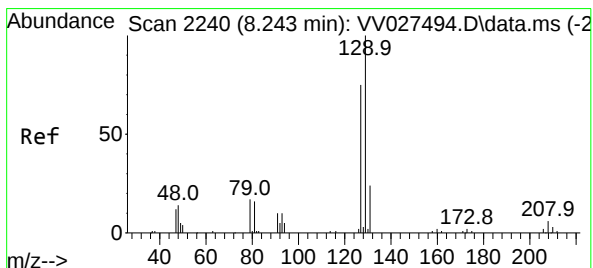
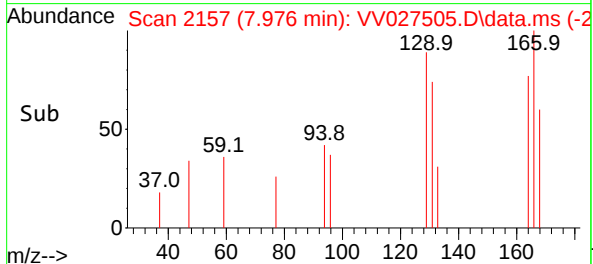
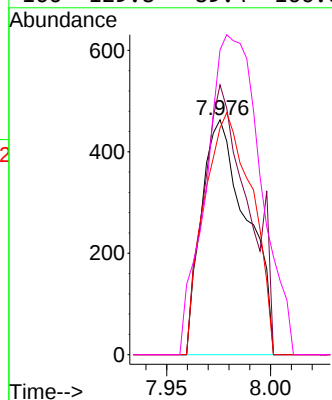
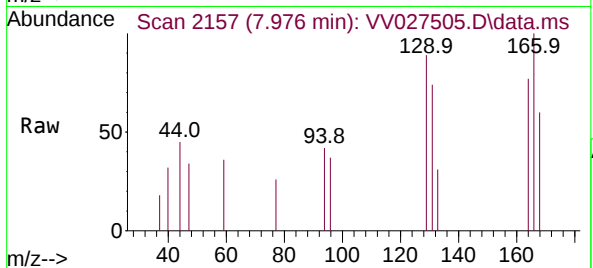
Ion Ratio Lower Upper

164 100

129 114.9 71.1 132.1

131 96.5 64.5 119.9

166 129.8 89.4 166.0



#49

Dibromochloromethane

Concen: 0.098 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027505.D

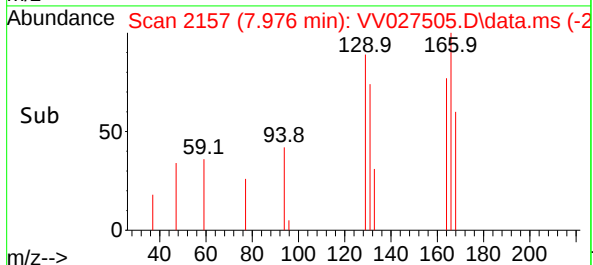
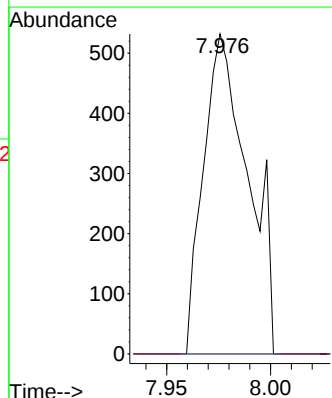
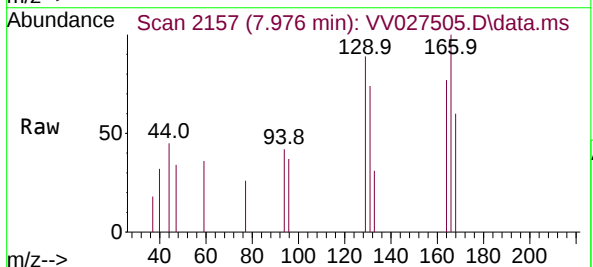
Acq: 25 Aug 2022 19:28

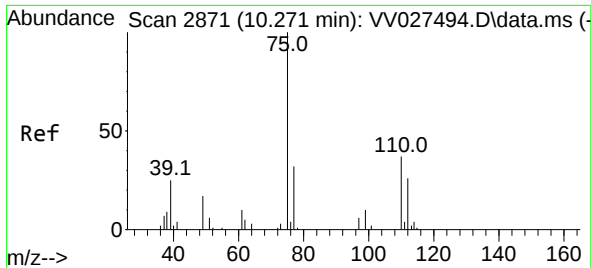
Tgt Ion:129 Resp: 792

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 1.243 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

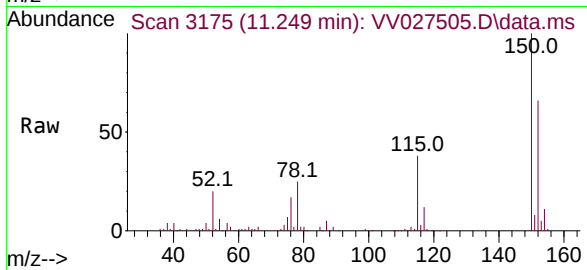
Lab File: VV027505.D

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Tgt Ion: 75 Resp: 5487

Ion Ratio Lower Upper

75 100

77 38.9 26.2 39.2

110 2.5 29.9 44.9#

