

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027519.D
 Acq On : 26 Aug 2022 01:37
 Operator : SY/MD
 Sample : N4367-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 02:03:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 01:50:00 2022
 Response via : Initial Calibration

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

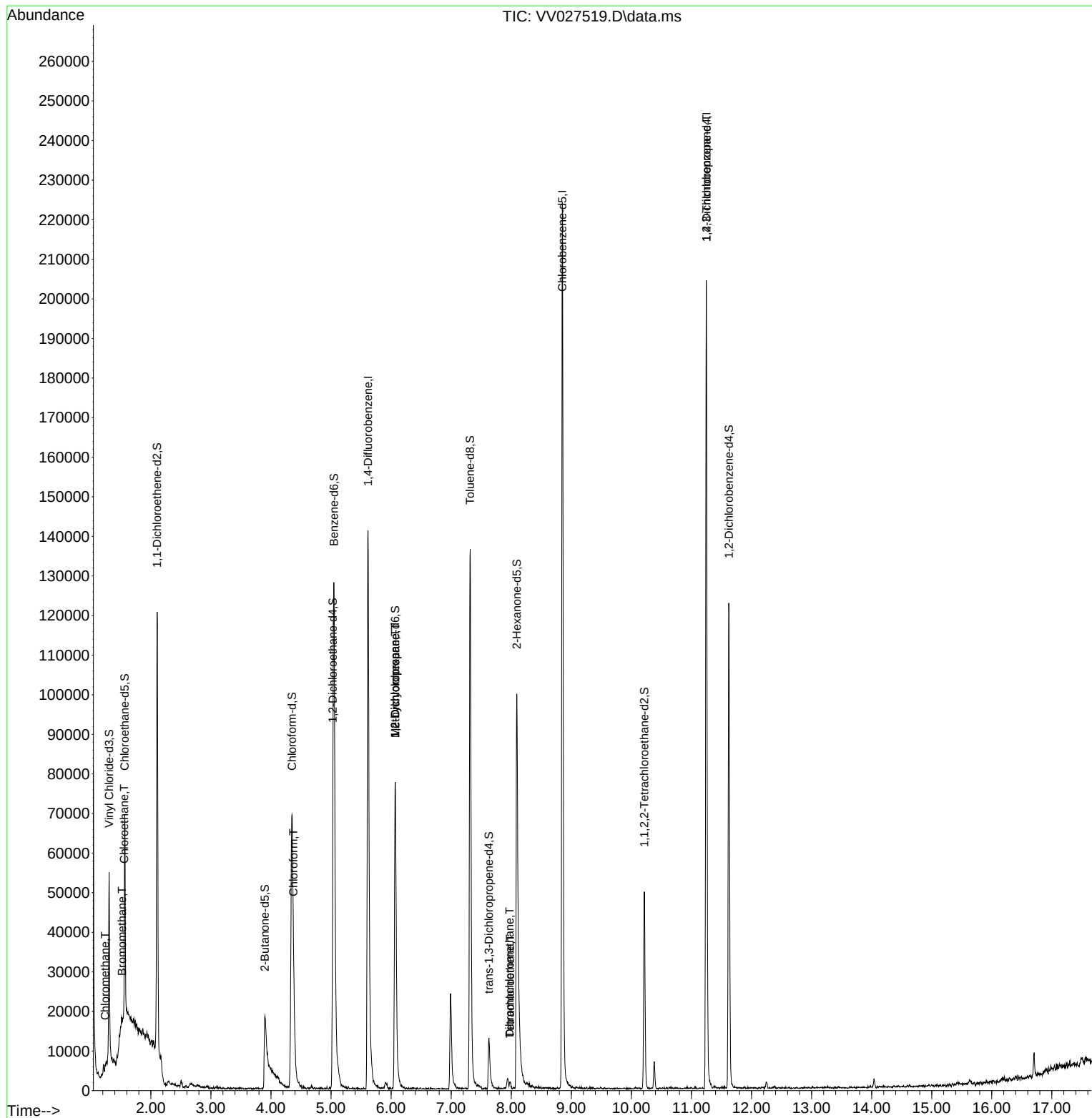
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127761	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	125321	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32691	3.595	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.000%	
7) Chloroethane-d5	1.564	69	30568	4.593	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.105	63	58377	2.753	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.000%#	
20) 2-Butanone-d5	3.899	46	32242	28.493	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	56.980%	
24) Chloroform-d	4.349	84	69027	3.797	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.000%	
26) 1,2-Dichloroethane-d4	5.031	65	32899	4.183	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
32) Benzene-d6	5.050	84	120542	3.473	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	69.400%#	
36) 1,2-Dichloropropane-d6	6.069	67	37661	3.732	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	74.600%	
41) Toluene-d8	7.317	98	95723	3.054	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	61.000%#	
43) trans-1,3-Dichloroprop...	7.629	79	9125	2.641	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	52.800%#	
46) 2-Hexanone-d5	8.092	63	38856	34.160	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.320%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24210	3.767	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	32613	4.025	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	80.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	960	0.081	ug/L #	67
6) Bromomethane	1.519	94	808	0.137	ug/L	84
8) Chloroethane	1.558	64	31263	4.489	ug/L #	50
25) Chloroform	4.375	83	20429	0.911	ug/L	97
35) Methylcyclohexane	6.069	83	9608	0.623	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	4763	0.429	ug/L #	88
47) Tetrachloroethene	7.982	164	413	0.048	ug/L #	72
49) Dibromochloromethane	7.976	129	469	0.054	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	6228	1.299	ug/L #	68

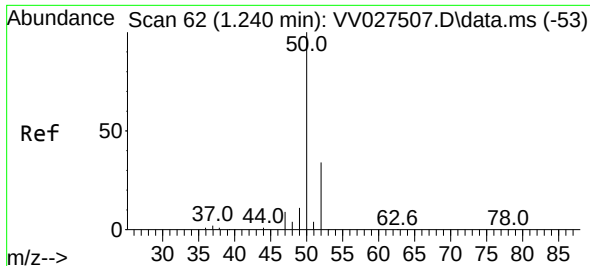
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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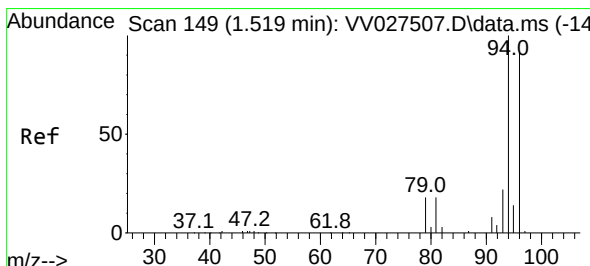
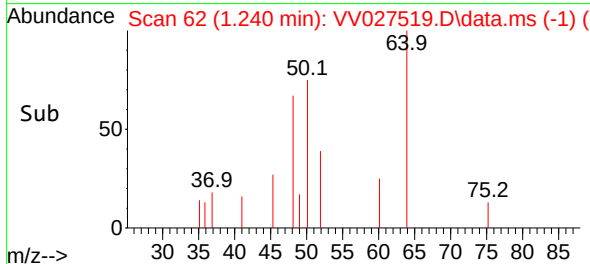
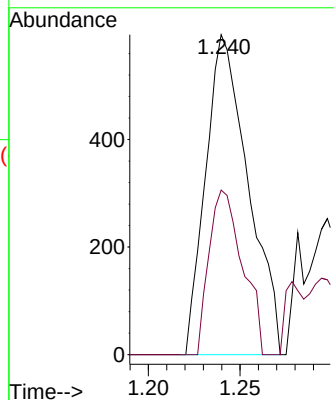
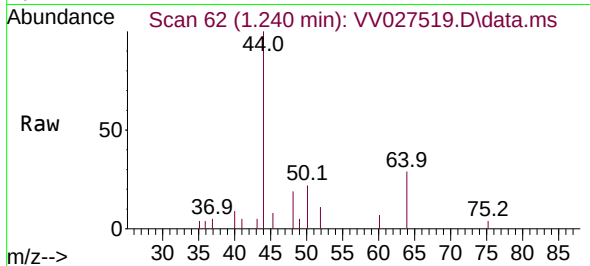




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027519.D
Acq: 26 Aug 2022 01:37

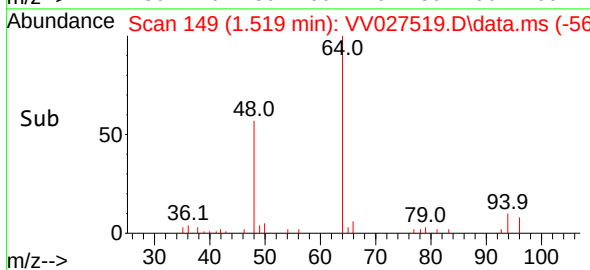
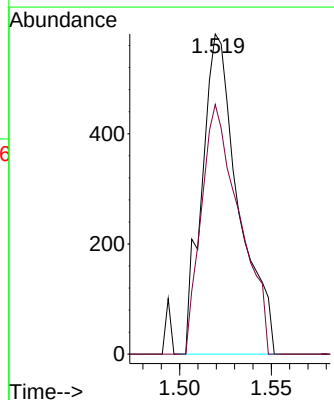
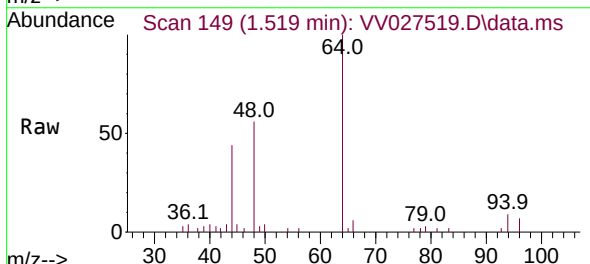
Instrument :
MSVOA_V
ClientSampleId :

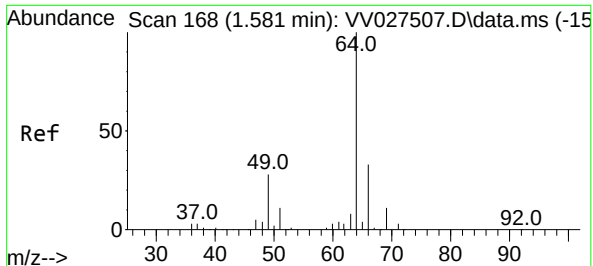
Tgt Ion: 50 Resp: 960
Ion Ratio Lower Upper
50 100
52 51.4 22.8 42.4#



#6
Bromomethane
Concen: 0.137 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.000 min
Lab File: VV027519.D
Acq: 26 Aug 2022 01:37

Tgt Ion: 94 Resp: 808
Ion Ratio Lower Upper
94 100
96 78.0 65.2 121.0

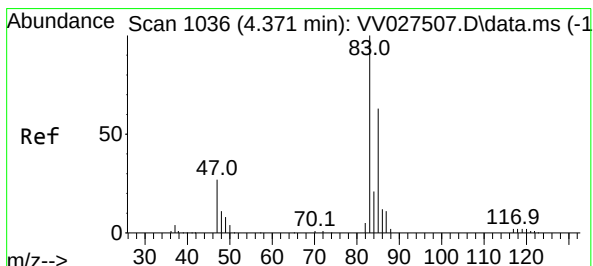
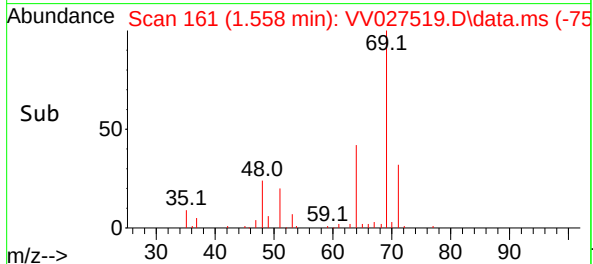
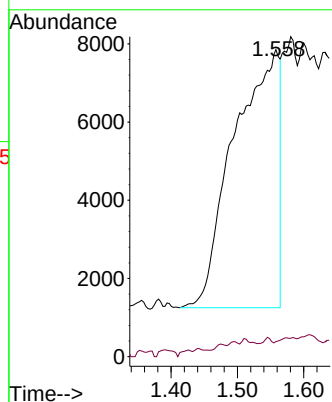
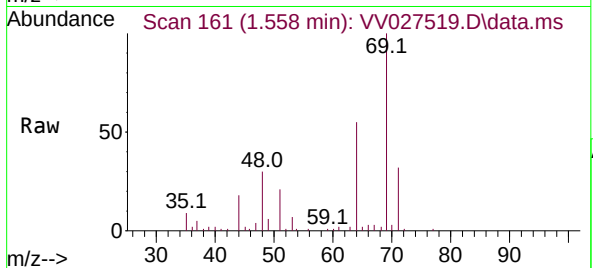




#8
Chloroethane
Concen: 4.489 ug/L
RT: 1.558 min Scan# 1
Delta R.T. -0.023 min
Lab File: VV027519.D
Acq: 26 Aug 2022 01:37

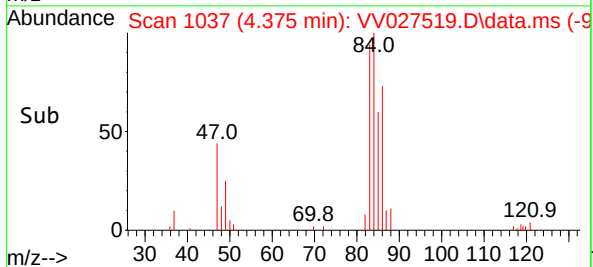
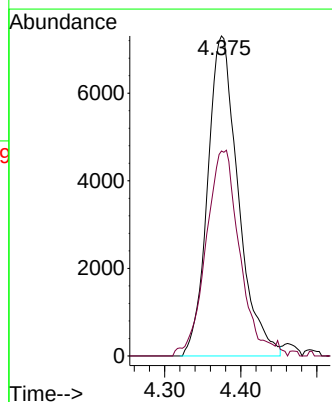
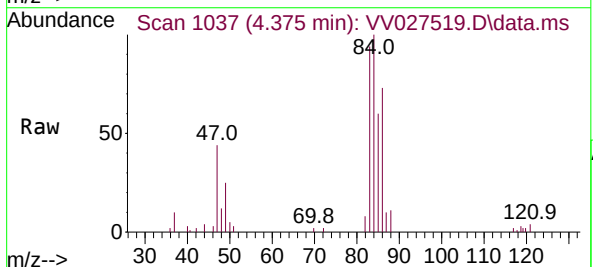
Instrument :
MSVOA_V
ClientSampleId :

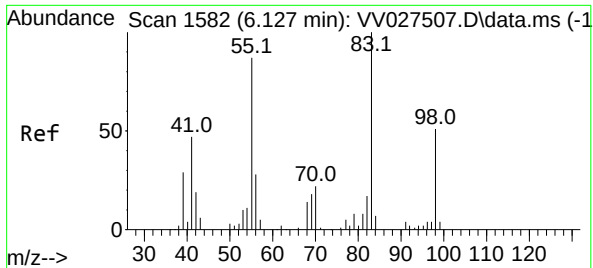
Tgt Ion: 64 Resp: 31263
Ion Ratio Lower Upper
64 100
66 4.9 23.3 43.3#



#25
Chloroform
Concen: 0.911 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV027519.D
Acq: 26 Aug 2022 01:37

Tgt Ion: 83 Resp: 20429
Ion Ratio Lower Upper
83 100
85 64.0 43.3 80.5

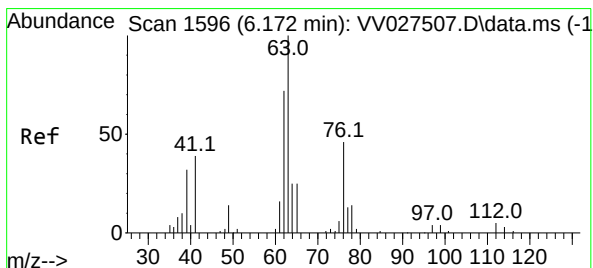
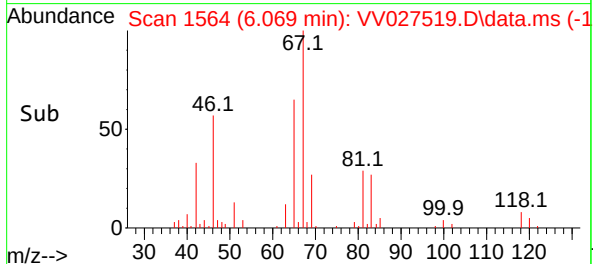
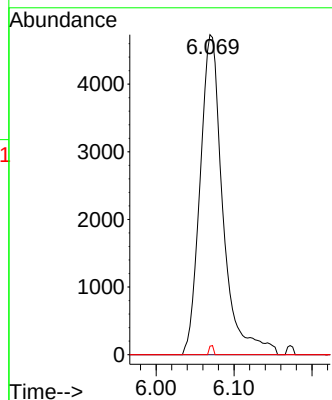
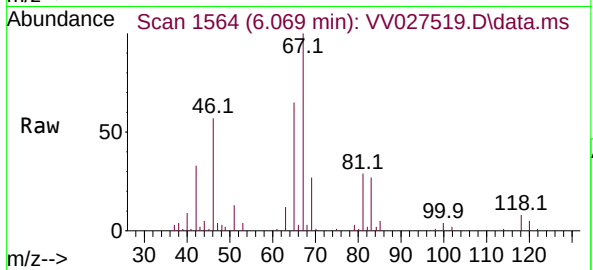




#35
Methylcyclohexane
Concen: 0.623 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027519.D
Acq: 26 Aug 2022 01:37

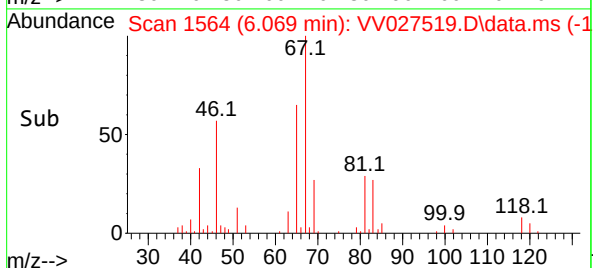
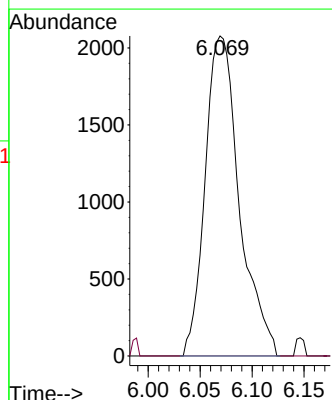
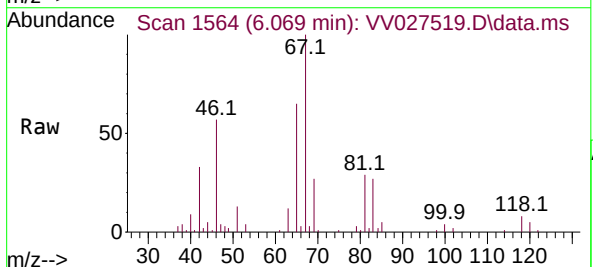
Instrument :
MSVOA_V
ClientSampleId :

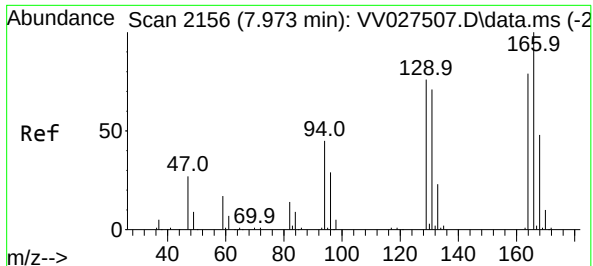
Tgt Ion: 83 Resp: 9608
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.5 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.429 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV027519.D
Acq: 26 Aug 2022 01:37

Tgt Ion: 63 Resp: 4763
Ion Ratio Lower Upper
63 100
112 0.9 3.9 5.9#





#47

Tetrachloroethene

Concen: 0.048 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV027519.D

Acq: 26 Aug 2022 01:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 413

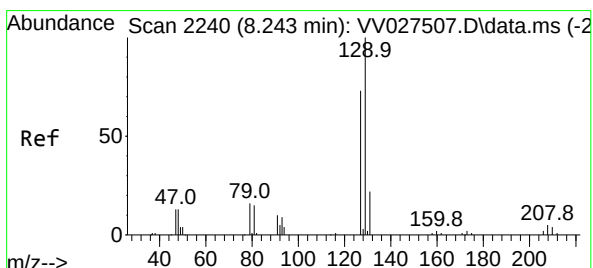
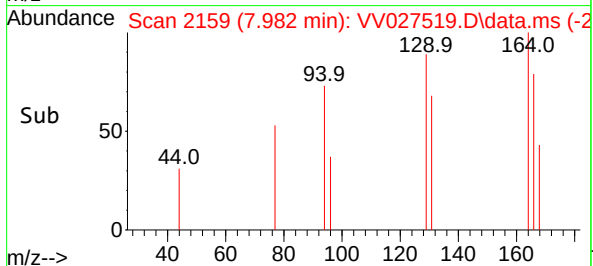
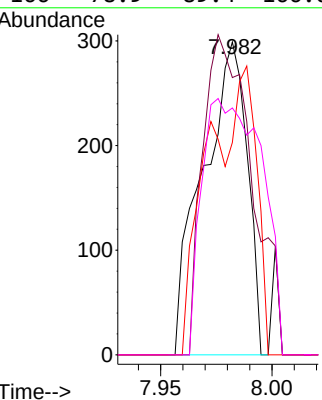
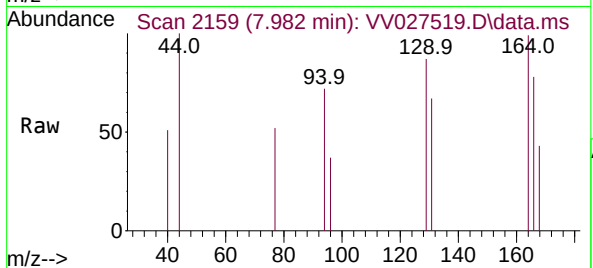
Ion Ratio Lower Upper

164 100

129 88.6 71.1 132.1

131 67.9 64.5 119.9

166 78.9 89.4 166.0#



#49

Dibromochloromethane

Concen: 0.054 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027519.D

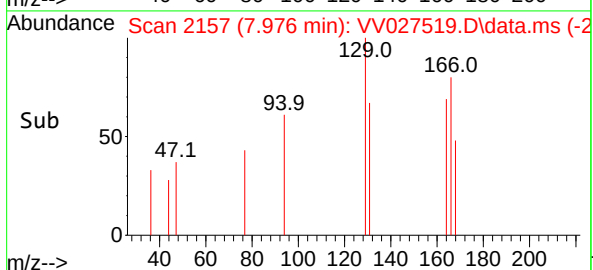
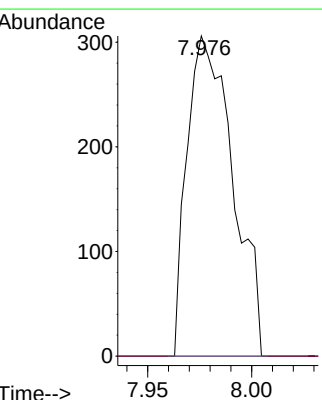
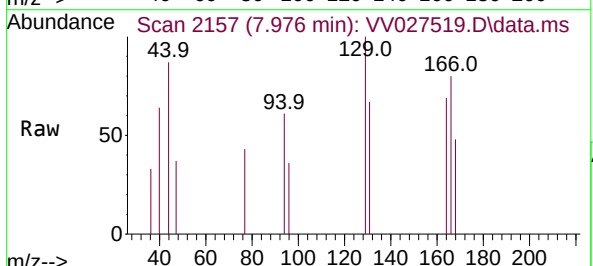
Acq: 26 Aug 2022 01:37

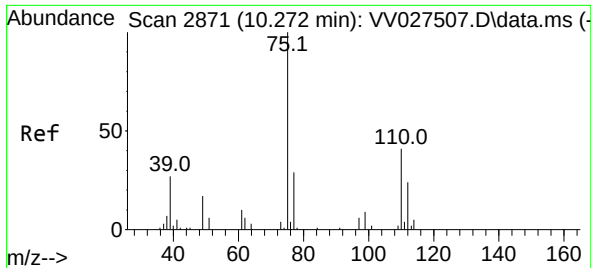
Tgt Ion:129 Resp: 469

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 1.299 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

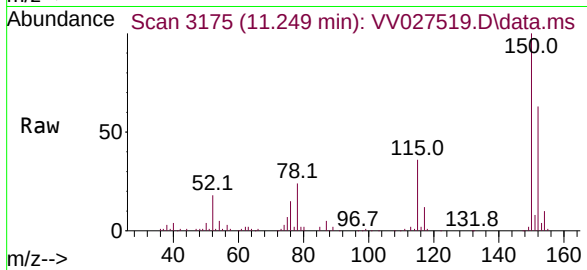
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Tgt Ion: 75 Resp: 6228

Ion Ratio Lower Upper

75 100

77 33.3 26.2 39.2

110 1.8 29.9 44.9#

