

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027520.D
 Acq On : 26 Aug 2022 02:01
 Operator : SY/MD
 Sample : N4367-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

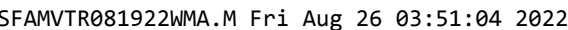
Instrument :
 MSVOA_V
 ClientSampleId :

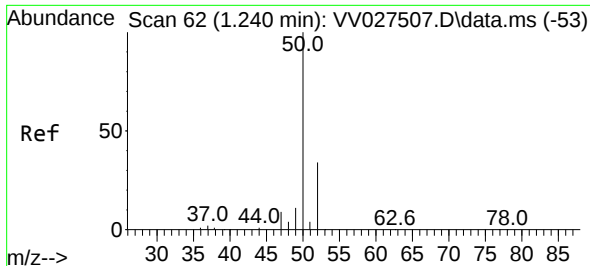
Quant Time: Aug 26 03:50:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 01:50:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	122761	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	120032	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53205	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36124	4.135	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.600%	
7) Chloroethane-d5	1.568	69	33292	5.207	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.200%	
11) 1,1-Dichloroethene-d2	2.105	63	65278	3.204	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.000%	
20) 2-Butanone-d5	3.899	46	45453	41.803	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.600%	
24) Chloroform-d	4.346	84	76502	4.379	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	5.034	65	33945	4.491	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.047	84	130993	3.940	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.800%	
36) 1,2-Dichloropropane-d6	6.066	67	40209	4.160	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.200%	
41) Toluene-d8	7.314	98	104095	3.468	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.400%#	
43) trans-1,3-Dichloroprop...	7.625	79	9421	2.847	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	57.000%	
46) 2-Hexanone-d5	8.088	63	41888	38.449	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.900%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26350	4.281	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	35418	4.491	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	778	0.068	ug/L	86
6) Bromomethane	1.523	94	483	0.085	ug/L #	30
8) Chloroethane	1.548	64	826	0.123	ug/L #	48
22) cis-1,2-Dichloroethene	3.905	96	295	0.029	ug/L	72
34) Trichloroethene	5.918	95	8707	0.829	ug/L	94
35) Methylcyclohexane	6.069	83	10457	0.708	ug/L #	15
37) 1,2-Dichloropropane	6.072	63	4923	0.463	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	941	0.073	ug/L #	37
47) Tetrachloroethene	7.979	164	1979	0.242	ug/L #	80
49) Dibromochloromethane	7.976	129	1995	0.238	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	6126	1.312	ug/L #	66

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

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QLast Update : Fri Aug 26 01:50:00 2022
Response via : Initial Calibration

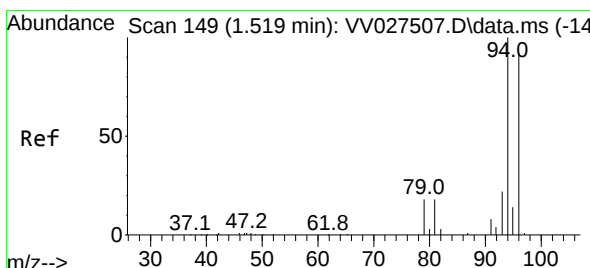
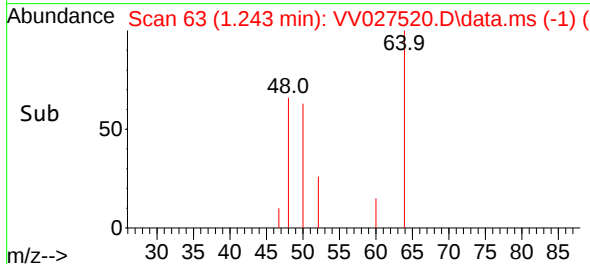
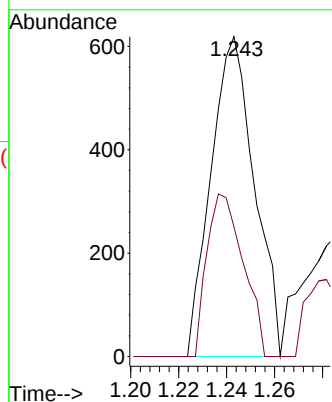
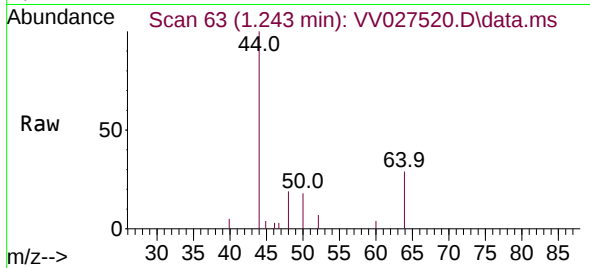




#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027520.D
Acq: 26 Aug 2022 02:01

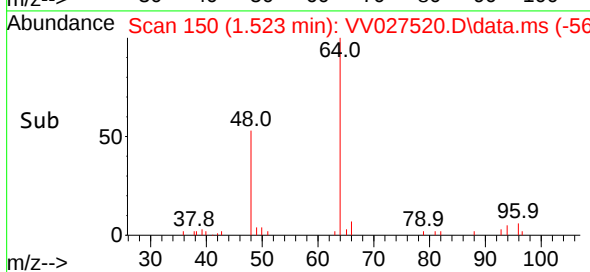
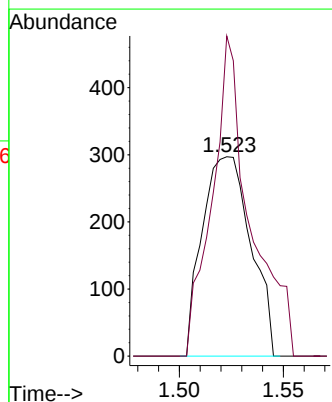
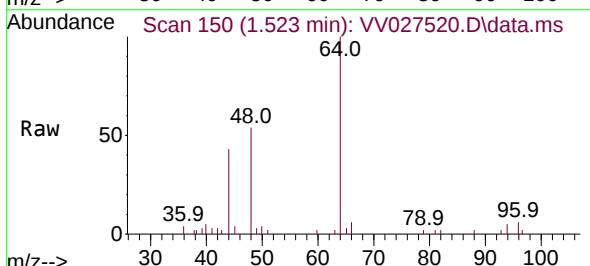
Instrument :
MSVOA_V
ClientSampleId :

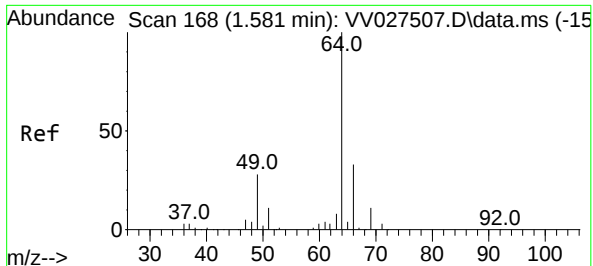
Tgt Ion: 50 Resp: 778
Ion Ratio Lower Upper
50 100
52 40.5 22.8 42.4



#6
Bromomethane
Concen: 0.085 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027520.D
Acq: 26 Aug 2022 02:01

Tgt Ion: 94 Resp: 483
Ion Ratio Lower Upper
94 100
96 160.6 65.2 121.0#

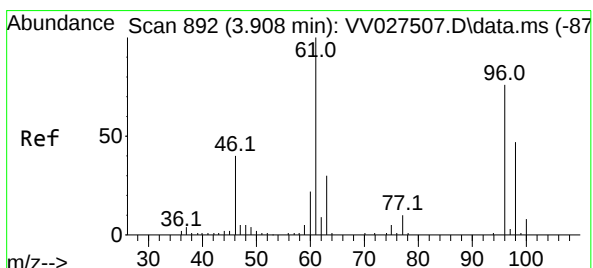
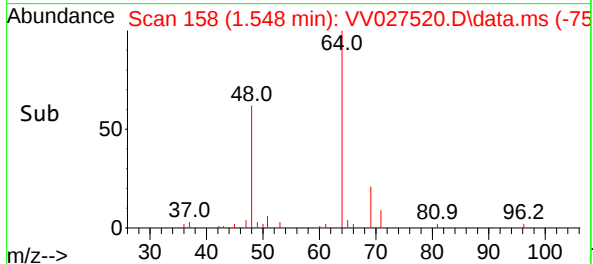
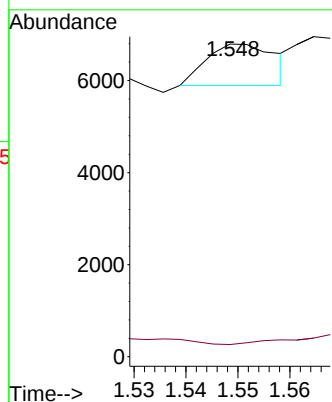
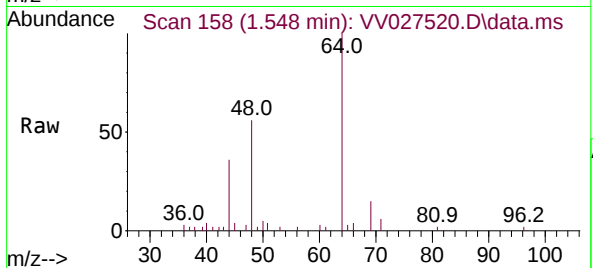




#8
Chloroethane
Concen: 0.123 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.032 min
Lab File: VV027520.D
Acq: 26 Aug 2022 02:01

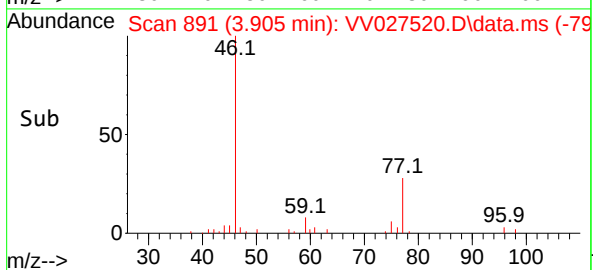
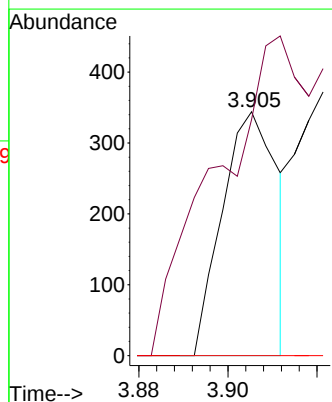
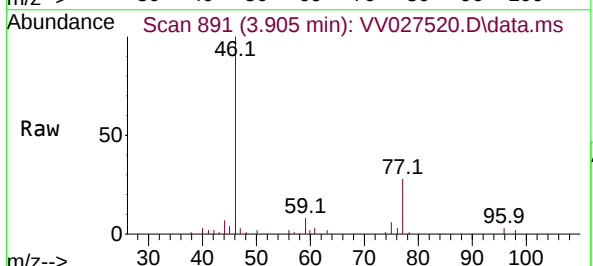
Instrument :
MSVOA_V
ClientSampleId :

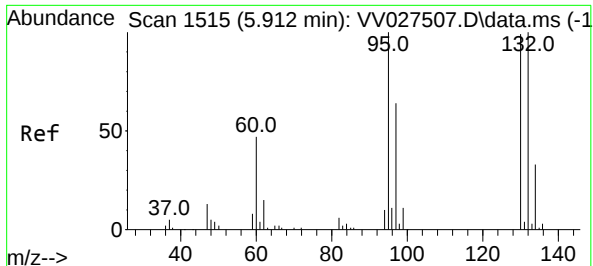
Tgt Ion: 64 Resp: 826
Ion Ratio Lower Upper
64 100
66 3.9 23.3 43.3#



#22
cis-1,2-Dichloroethene
Concen: 0.029 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV027520.D
Acq: 26 Aug 2022 02:01

Tgt Ion: 96 Resp: 295
Ion Ratio Lower Upper
96 100
61 96.8 90.6 168.2
68 0.0 0.0 0.0

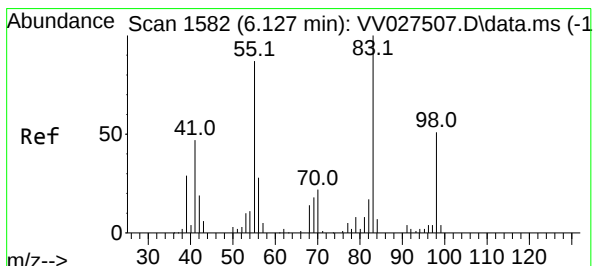
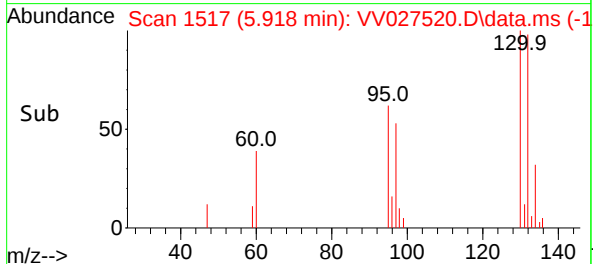
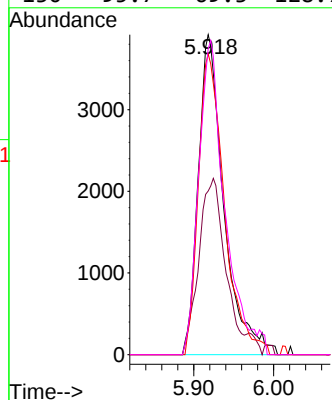
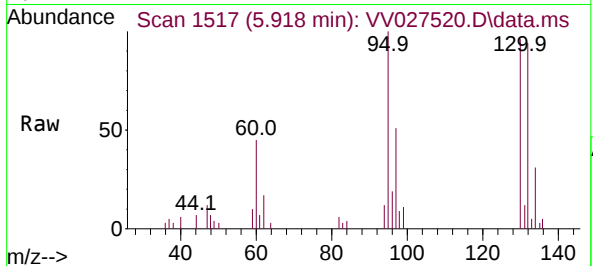




#34
Trichloroethene
Concen: 0.829 ug/L
RT: 5.918 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV027520.D
Acq: 26 Aug 2022 02:01

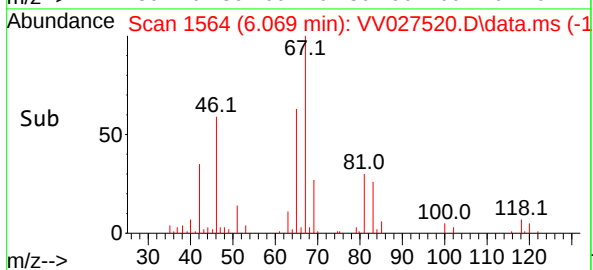
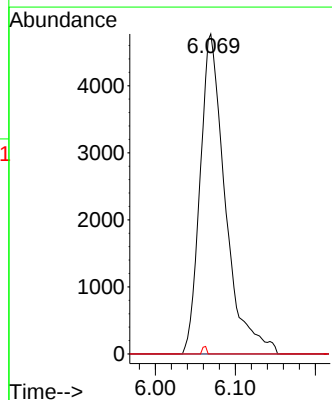
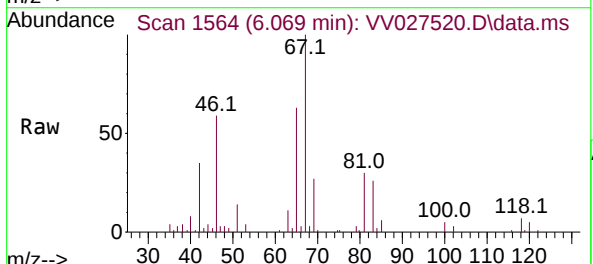
Instrument :
MSVOA_V
ClientSampleId :

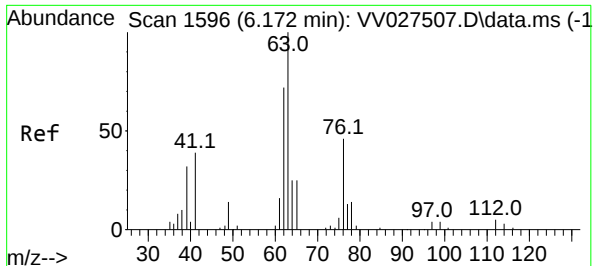
Tgt Ion: 95 Resp: 8707
Ion Ratio Lower Upper
95 100
97 51.1 45.0 83.6
132 94.0 65.7 121.9
130 95.7 69.3 128.7



#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027520.D
Acq: 26 Aug 2022 02:01

Tgt Ion: 83 Resp: 10457
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.4 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.463 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV027520.D

Acq: 26 Aug 2022 02:01

Instrument :

MSVOA_V

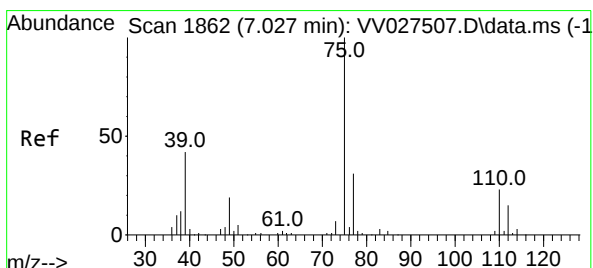
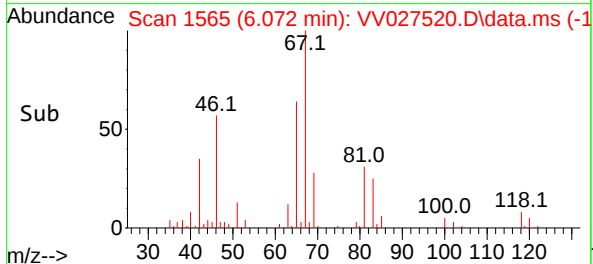
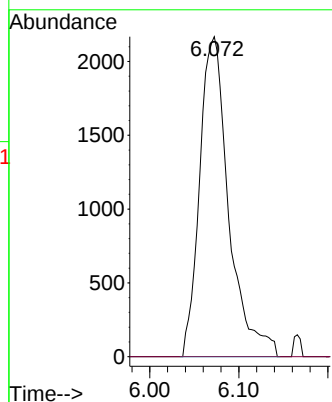
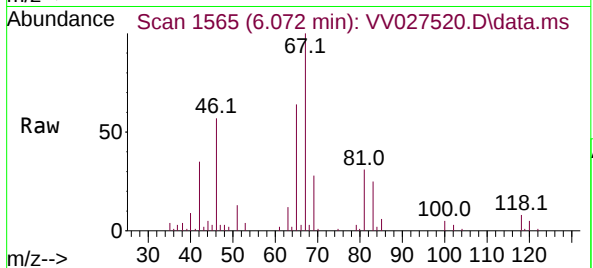
ClientSampleId :

Tgt Ion: 63 Resp: 4923

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV027520.D

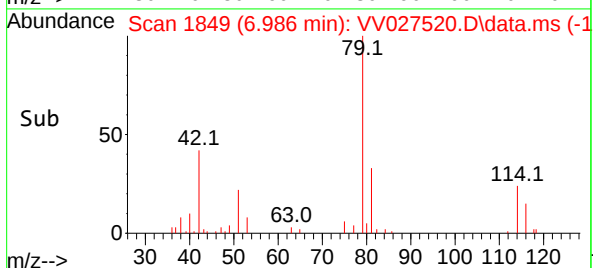
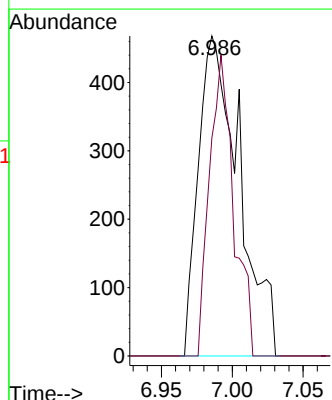
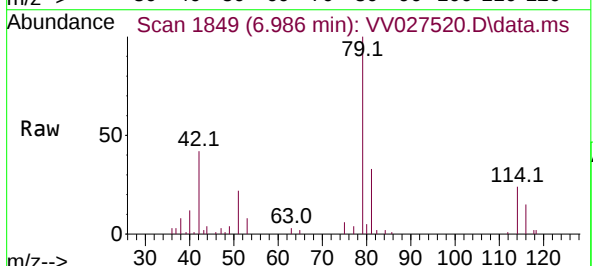
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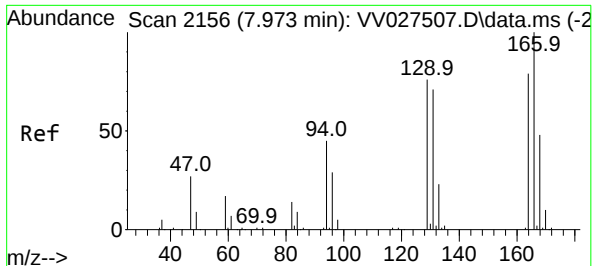
Tgt Ion: 75 Resp: 941

Ion Ratio Lower Upper

75 100

77 68.2 22.9 42.5#





#47

Tetrachloroethene

Concen: 0.242 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

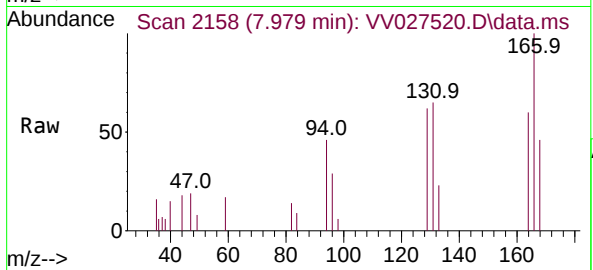
Lab File: VV027520.D

Acq: 26 Aug 2022 02:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1979

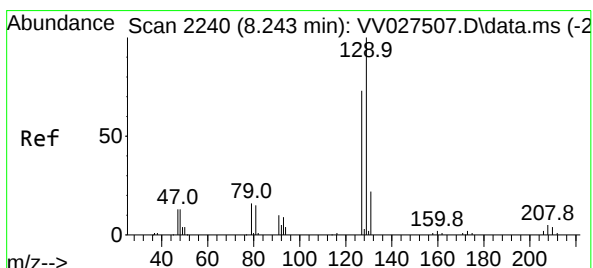
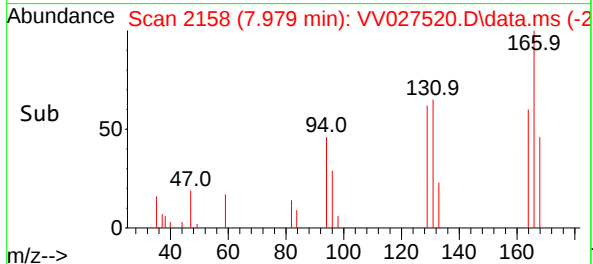
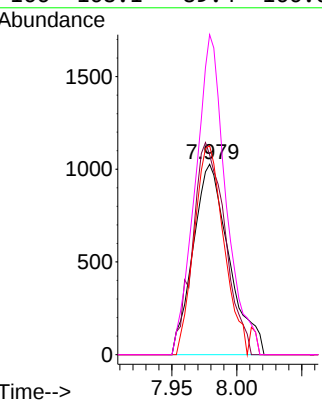
Ion Ratio Lower Upper

164 100

129 105.0 71.1 132.1

131 109.7 64.5 119.9

166 168.1 89.4 166.0#



#49

Dibromochloromethane

Concen: 0.238 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027520.D

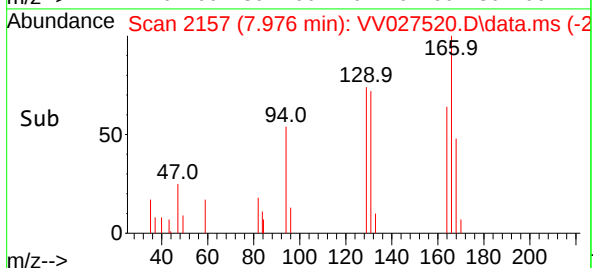
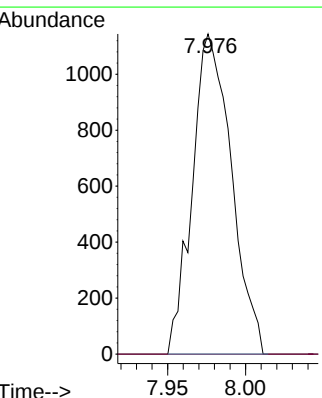
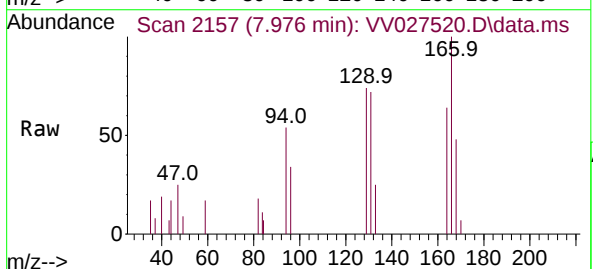
Acq: 26 Aug 2022 02:01

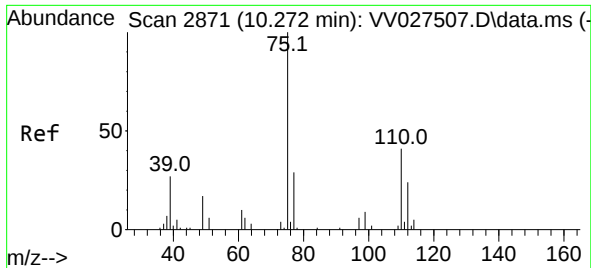
Tgt Ion:129 Resp: 1995

Ion Ratio Lower Upper

129 100

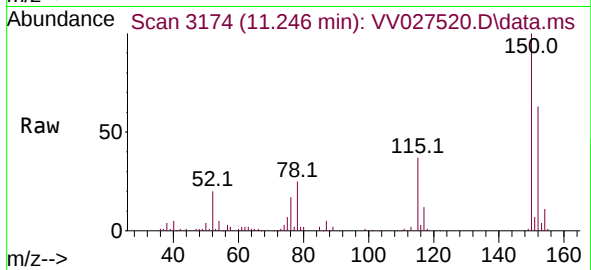
127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.312 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027520.D
 Acq: 26 Aug 2022 02:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	6126
Ion Ratio	Lower	Upper
75	100	
77	31.5	26.2 39.2
110	0.7	29.9 44.9#

