

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082622\
 Data File : VV027532.D
 Acq On : 26 Aug 2022 13:58
 Operator : SY/MD
 Sample : N4367-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:14:36 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)

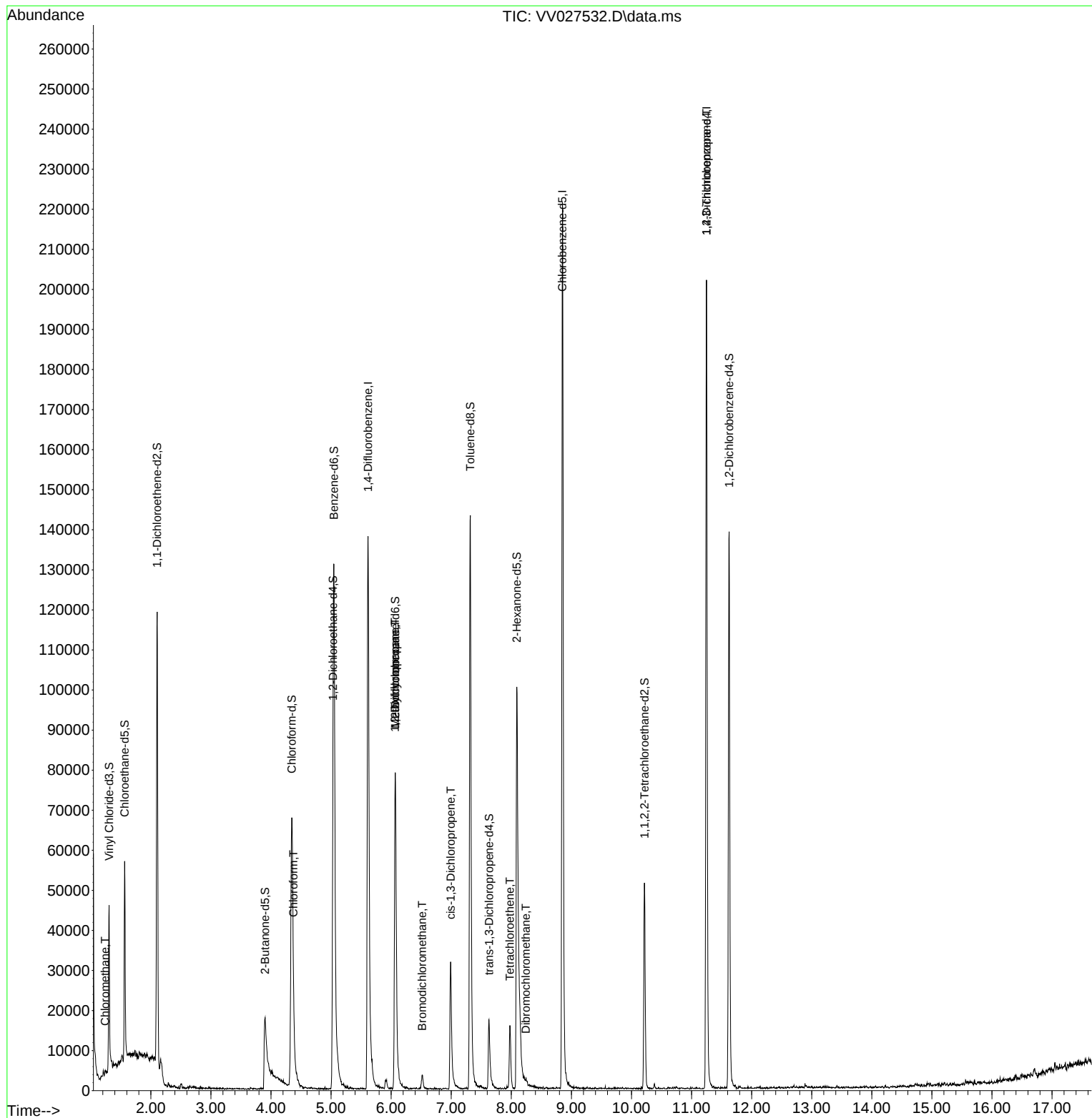
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127839	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	124432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	29672	3.261	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.200%	
7) Chloroethane-d5	1.564	69	30841	4.632	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.600%	
11) 1,1-Dichloroethene-d2	2.105	63	59736	2.816	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.400%#	
20) 2-Butanone-d5	3.899	46	36207	31.977	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	63.960%	
24) Chloroform-d	4.346	84	72507	3.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
26) 1,2-Dichloroethane-d4	5.031	65	31718	4.030	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.600%	
32) Benzene-d6	5.047	84	124777	3.620	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	72.400%	
36) 1,2-Dichloropropane-d6	6.069	67	38310	3.823	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	76.400%	
41) Toluene-d8	7.317	98	103070	3.312	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.200%#	
43) trans-1,3-Dichloroprop...	7.629	79	11770	3.431	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.600%	
46) 2-Hexanone-d5	8.092	63	43215	38.264	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.520%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24865	3.897	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	78.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	36230	4.363	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	562	0.047	ug/L	94
25) Chloroform	4.371	83	11062	0.493	ug/L	94
35) Methylcyclohexane	6.069	83	10139	0.662	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	4854	0.440	ug/L #	85
38) Bromodichloromethane	6.516	83	2620	0.187	ug/L	91
39) cis-1,3-Dichloropropene	6.992	75	947	0.071	ug/L #	81
47) Tetrachloroethene	7.976	164	3233	0.381	ug/L	87
49) Dibromochloromethane	8.243	129	431	0.050	ug/L #	59
61) 1,2,3-Trichloropropane	11.249	75	6526	1.328	ug/L #	68

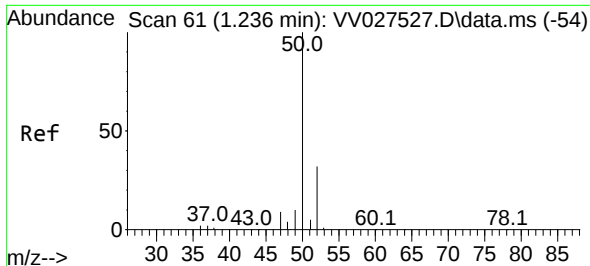
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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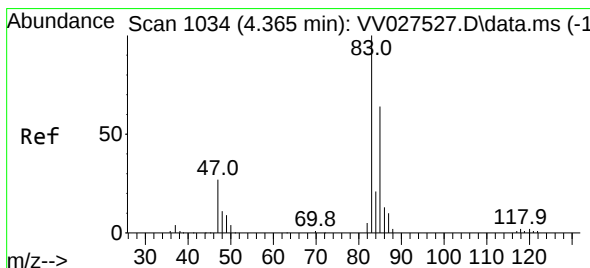
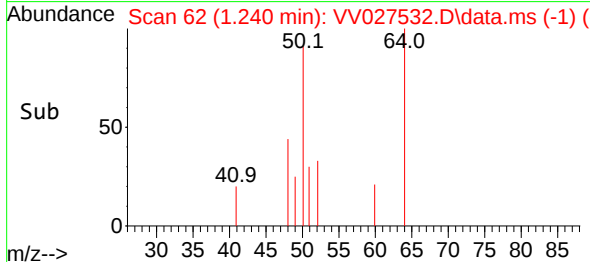
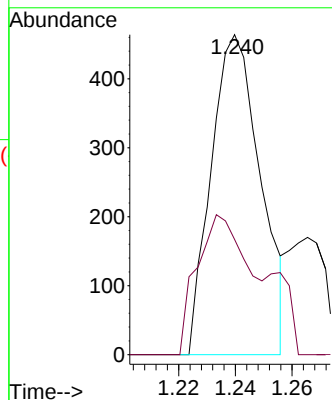
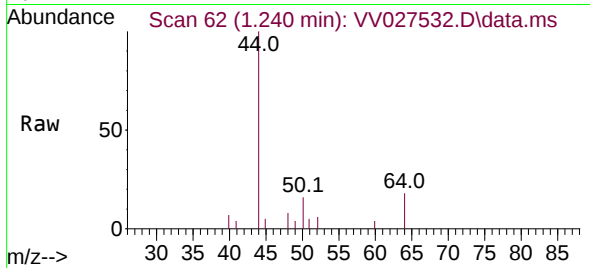




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027532.D
Acq: 26 Aug 2022 13:58

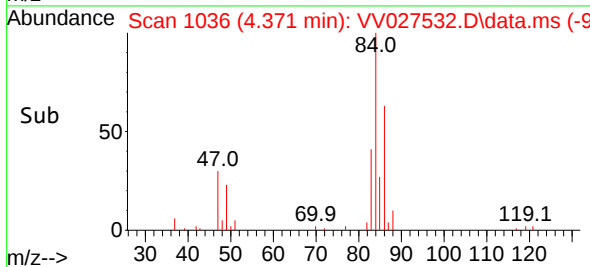
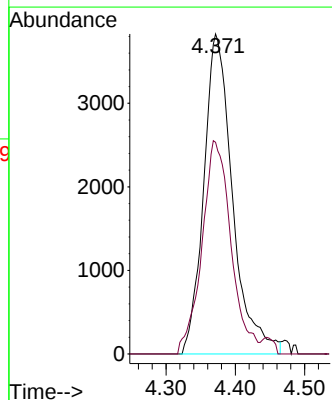
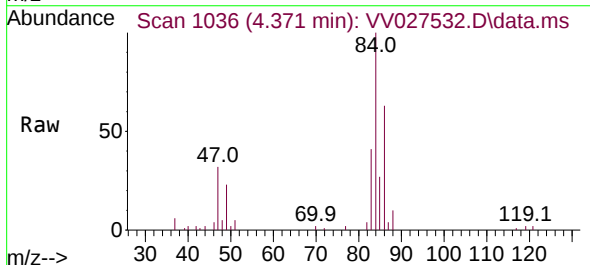
Instrument :
MSVOA_V
ClientSampleId :

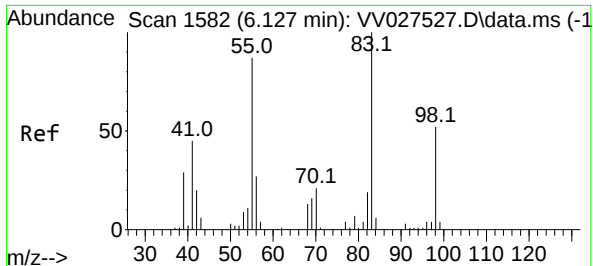
Tgt Ion: 50 Resp: 562
Ion Ratio Lower Upper
50 100
52 36.0 22.8 42.4



#25
Chloroform
Concen: 0.493 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV027532.D
Acq: 26 Aug 2022 13:58

Tgt Ion: 83 Resp: 11062
Ion Ratio Lower Upper
83 100
85 66.2 43.3 80.5

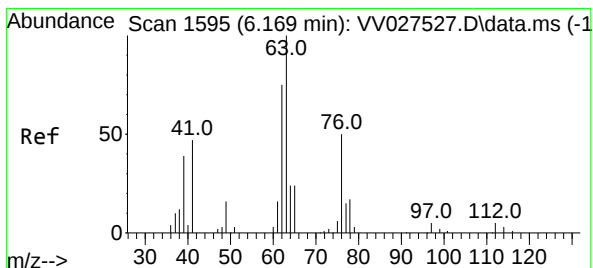
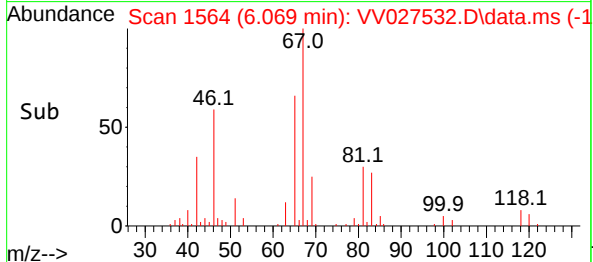
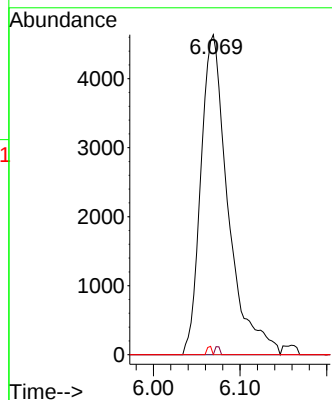
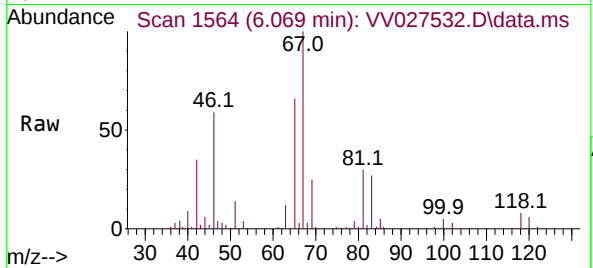




#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027532.D
Acq: 26 Aug 2022 13:58

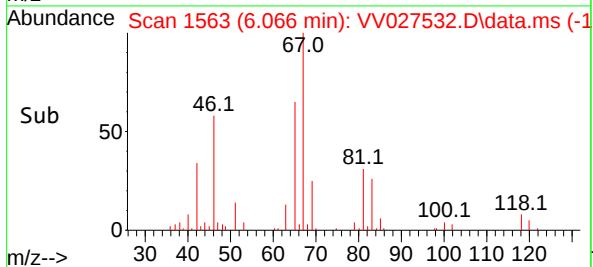
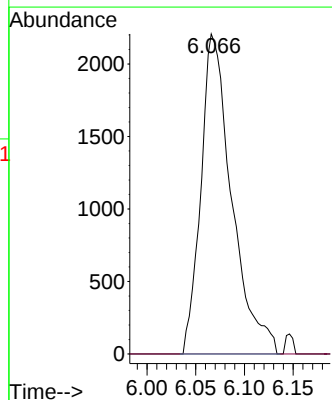
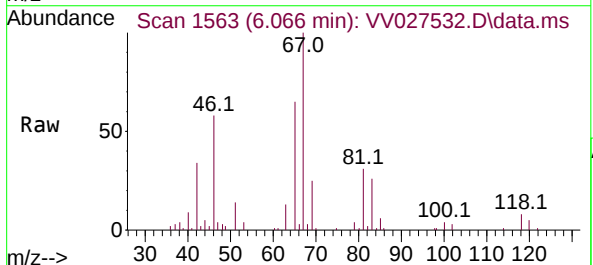
Instrument :
MSVOA_V
ClientSampleId :

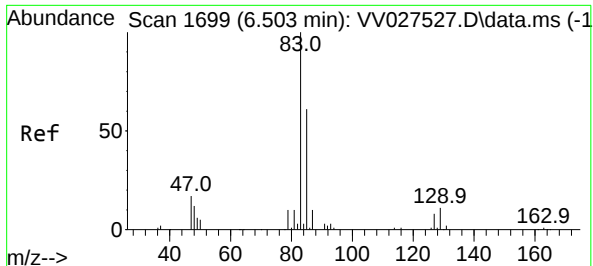
Tgt Ion: 83 Resp: 10139
Ion Ratio Lower Upper
83 100
55 0.4 68.2 102.4#
98 0.4 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.440 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV027532.D
Acq: 26 Aug 2022 13:58

Tgt Ion: 63 Resp: 4854
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

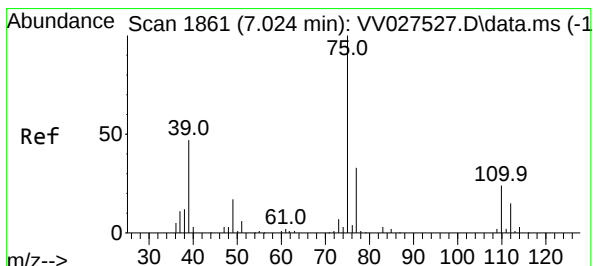
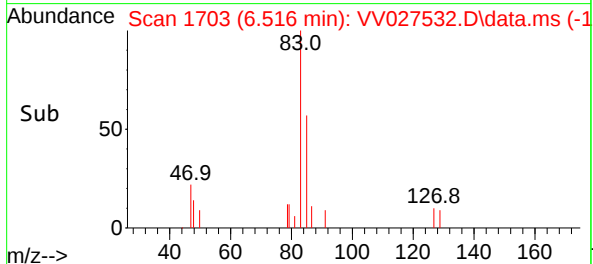
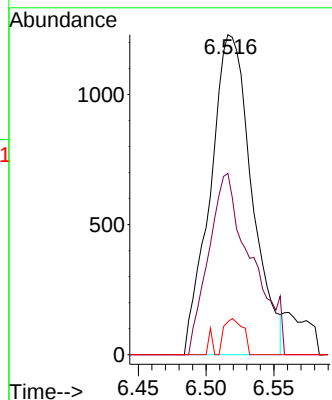
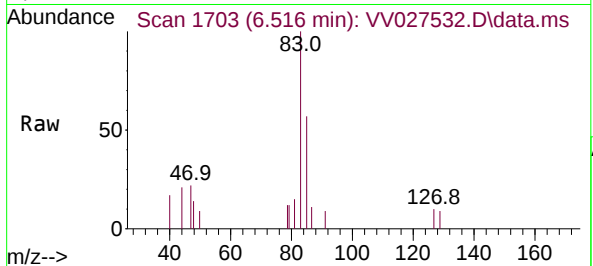




#38
Bromodichloromethane
Concen: 0.187 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV027532.D
Acq: 26 Aug 2022 13:58

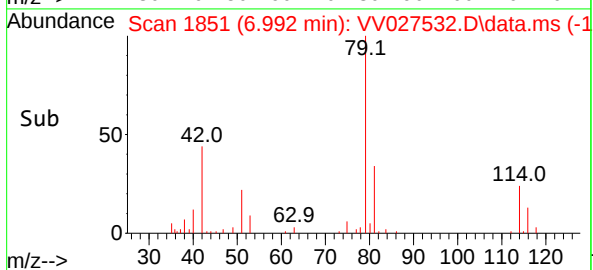
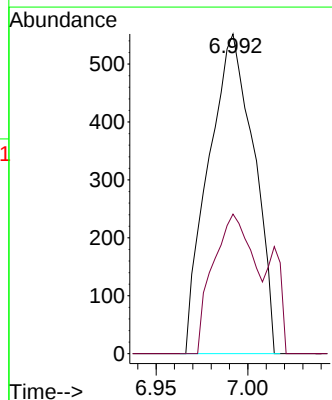
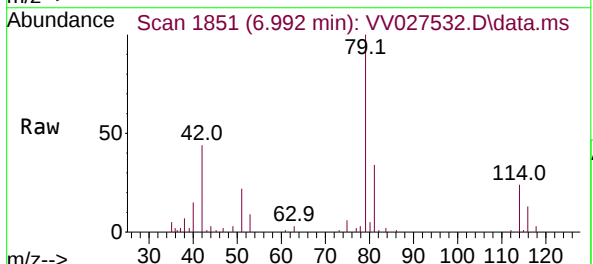
Instrument :
MSVOA_V
ClientSampleId :

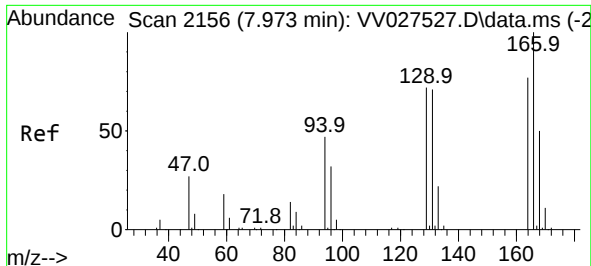
Tgt Ion: 83 Resp: 2620
Ion Ratio Lower Upper
83 100
85 56.7 45.3 84.1
127 10.2 7.2 10.8



#39
cis-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.032 min
Lab File: VV027532.D
Acq: 26 Aug 2022 13:58

Tgt Ion: 75 Resp: 947
Ion Ratio Lower Upper
75 100
77 43.7 22.9 42.5#





#47

Tetrachloroethene

Concen: 0.381 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

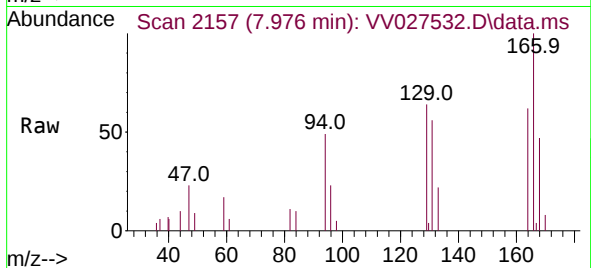
Lab File: VV027532.D

Acq: 26 Aug 2022 13:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 3233

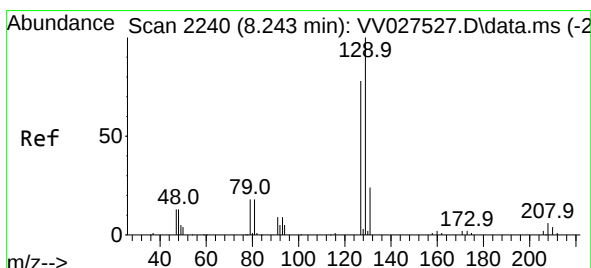
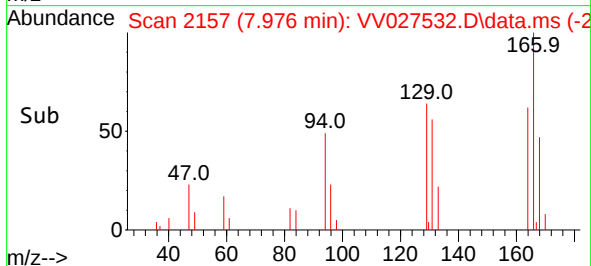
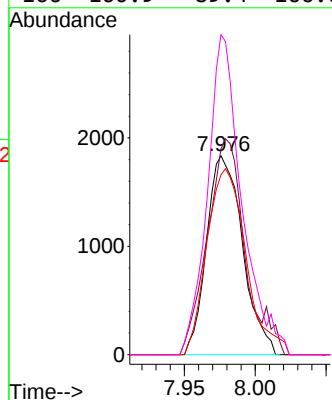
Ion Ratio Lower Upper

164 100

129 103.5 71.1 132.1

131 90.5 64.5 119.9

166 160.9 89.4 166.0



#49

Dibromochloromethane

Concen: 0.050 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VV027532.D

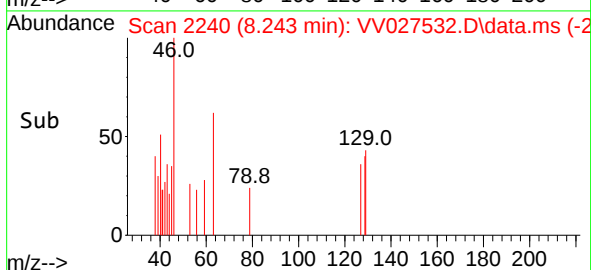
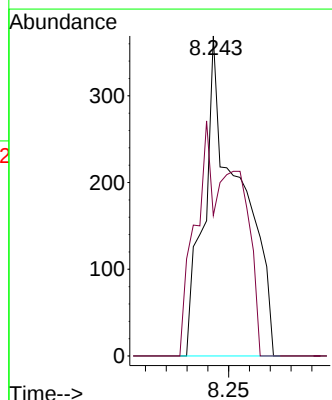
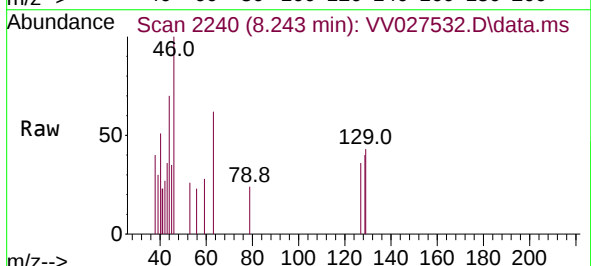
Acq: 26 Aug 2022 13:58

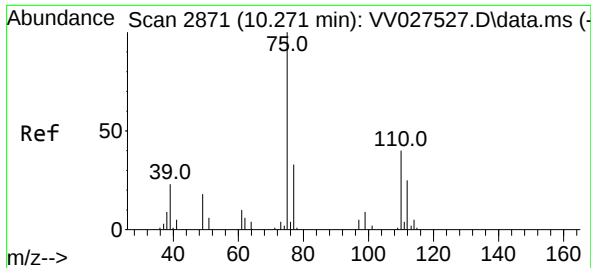
Tgt Ion:129 Resp: 431

Ion Ratio Lower Upper

129 100

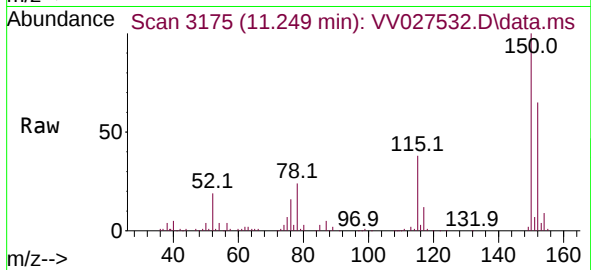
127 43.9 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.328 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV027532.D
 Acq: 26 Aug 2022 13:58

Instrument :
 MSVOA_V
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Tgt Ion: 75	Resp:	6526
Ion	Ratio	Lower Upper
75	100	
77	31.5	26.2 39.2
110	2.4	29.9 44.9#

