

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041423\
 Data File : VW030569.D
 Acq On : 14 Apr 2023 13:37
 Operator : SY/MD
 Sample : 02275-13DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ8DL

Quant Time: Apr 15 01:59:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 01:54:33 2023
 Response via : Initial Calibration

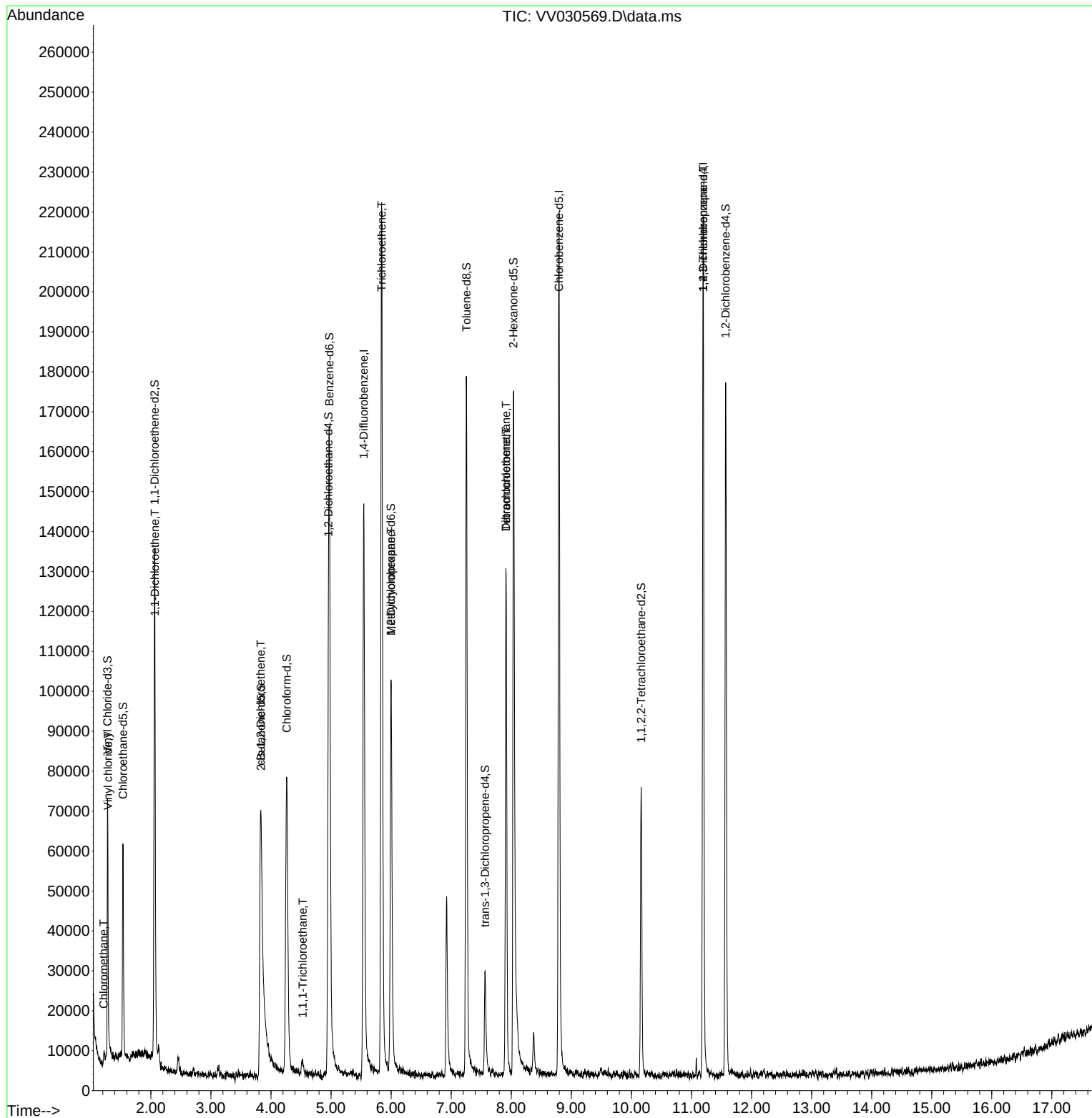
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	122614	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	117137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	55104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	44407	5.468	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	109.400%	
7) Chloroethane-d5	1.536	69	34143	4.332	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.600%	
11) 1,1-Dichloroethene-d2	2.063	63	68397	3.549	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.000%	
20) 2-Butanone-d5	3.834	46	80106	38.164	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.320%	
24) Chloroform-d	4.262	84	79575	4.049	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
26) 1,2-Dichloroethane-d4	4.957	65	43294	4.669	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	4.973	84	139138	4.215	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	5.998	67	44143	4.272	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.252	98	118501	3.909	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.200%	
43) trans-1,3-Dichloroprop...	7.564	79	14914	3.833	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.600%	
46) 2-Hexanone-d5	8.037	63	64265	41.104	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.200%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33333	4.093	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.800%	
66) 1,2-Dichlorobenzene-d4	11.570	152	44429	4.511	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2022	0.103	ug/L #	74
5) Vinyl chloride	1.285	62	1749	0.122	ug/L #	29
12) 1,1-Dichloroethene	2.069	96	2540	0.248	ug/L #	1
22) cis-1,2-Dichloroethene	3.828	96	22473	2.075	ug/L #	95
29) 1,1,1-Trichloroethane	4.529	97	2470	0.131	ug/L #	85
34) Trichloroethene	5.841	95	75215	6.703	ug/L	98
35) Methylcyclohexane	5.998	83	11423	0.649	ug/L #	17
47) Tetrachloroethene	7.915	164	26979	2.724	ug/L	97
49) Dibromochloromethane	7.915	129	24489	2.736	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	7136	1.448	ug/L #	65

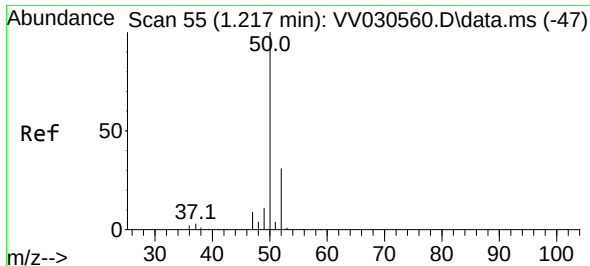
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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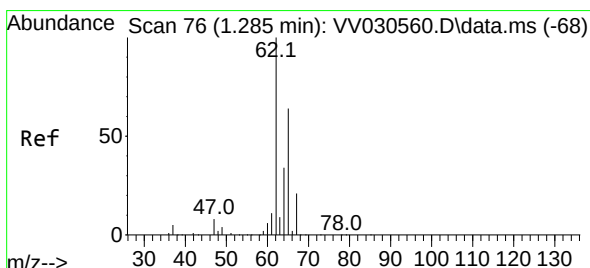
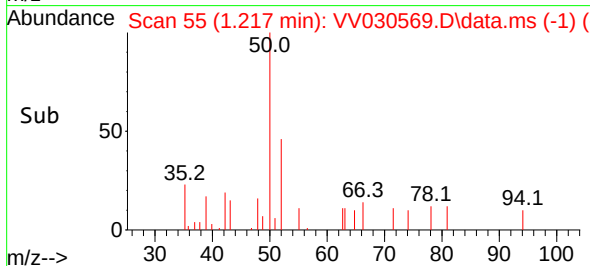
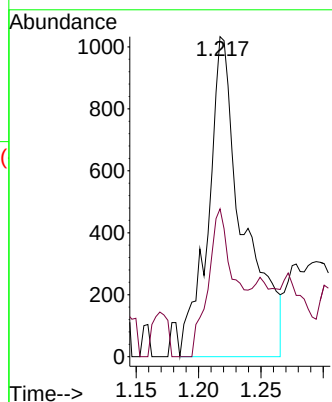
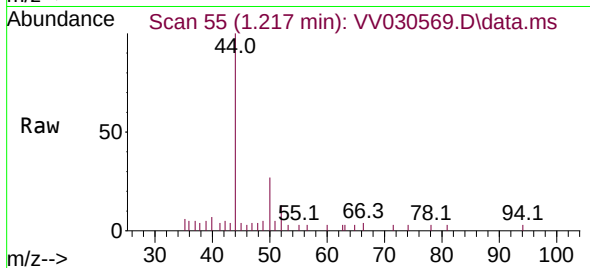




#3
Chloromethane
Concen: 0.103 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030569.D
Acq: 14 Apr 2023 13:37

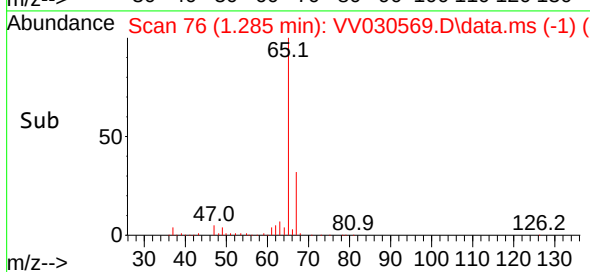
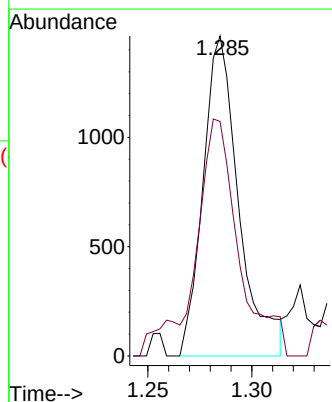
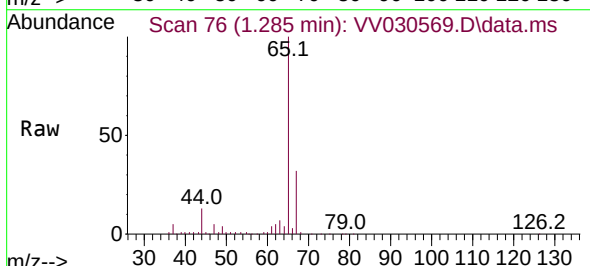
Instrument :
MSVOA_V
ClientSampleId :
BHDZ8DL

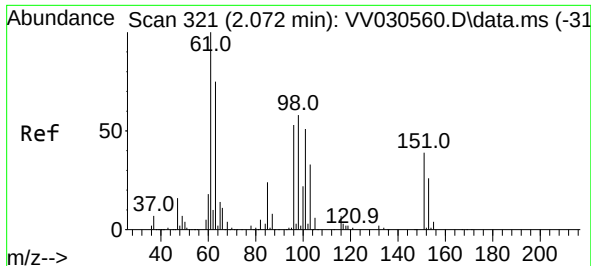
Tgt Ion: 50 Resp: 2022
Ion Ratio Lower Upper
50 100
52 46.2 22.3 41.5#



#5
Vinyl chloride
Concen: 0.122 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV030569.D
Acq: 14 Apr 2023 13:37

Tgt Ion: 62 Resp: 1749
Ion Ratio Lower Upper
62 100
64 73.3 23.2 43.2#





#12

1,1-Dichloroethene

Concen: 0.248 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030569.D

Acq: 14 Apr 2023 13:37

Instrument :

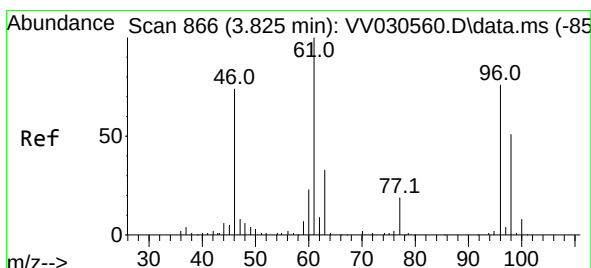
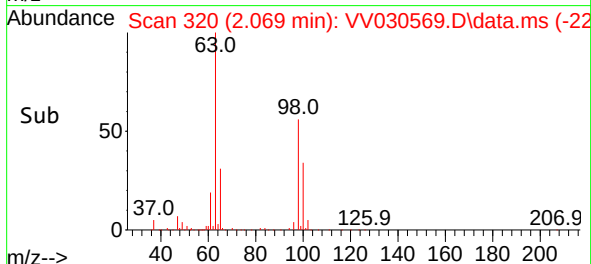
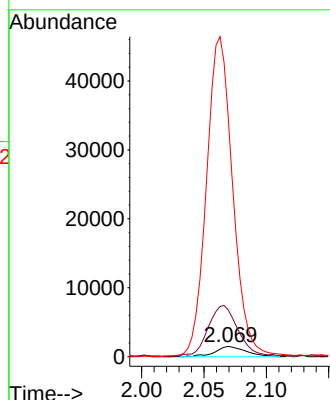
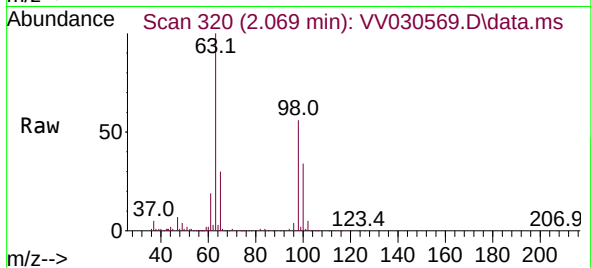
MSVOA_V

ClientSampleId :

BHDZ8DL

Tgt Ion: 96 Resp: 2540

Ion	Ratio	Lower	Upper
96	100		
61	459.3	136.3	253.1#
63	2370.9	92.1	171.1#



#22

cis-1,2-Dichloroethene

Concen: 2.075 ug/L

RT: 3.828 min Scan# 867

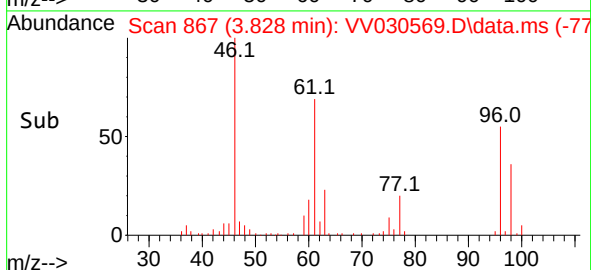
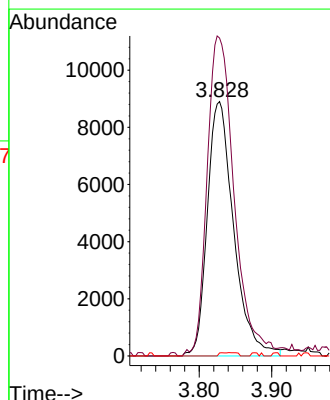
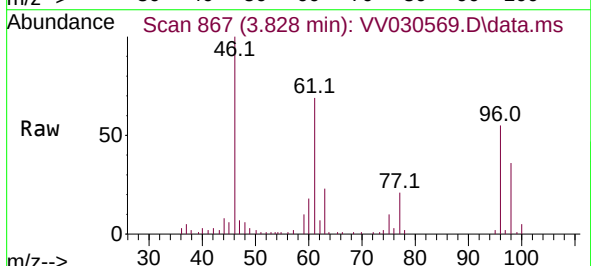
Delta R.T. 0.003 min

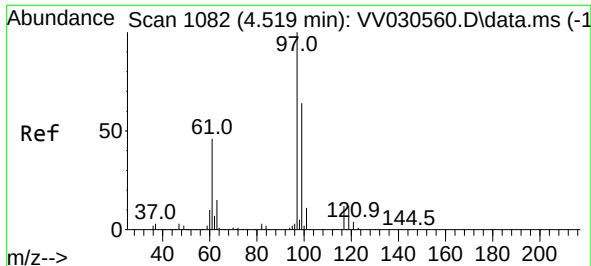
Lab File: VV030569.D

Acq: 14 Apr 2023 13:37

Tgt Ion: 96 Resp: 22473

Ion	Ratio	Lower	Upper
96	100		
61	125.0	92.0	170.8
68	1.2	0.0	0.0#





#29

1,1,1-Trichloroethane

Concen: 0.131 ug/L

RT: 4.529 min Scan# 1085

Delta R.T. 0.010 min

Lab File: VV030569.D

Acq: 14 Apr 2023 13:37

Instrument :

MSVOA_V

ClientSampleId :

BHDZ8DL

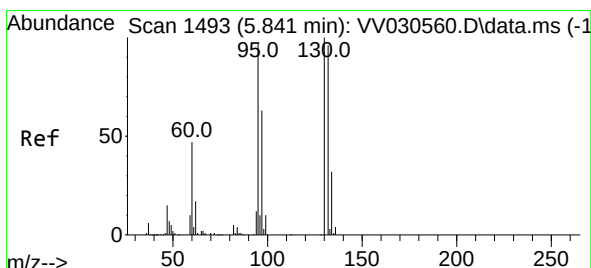
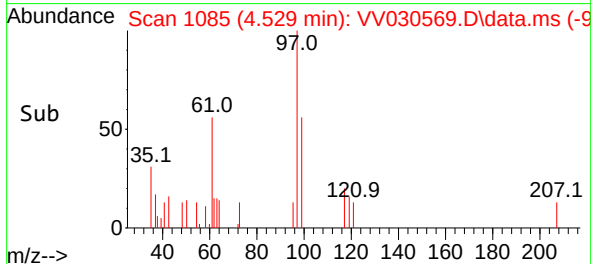
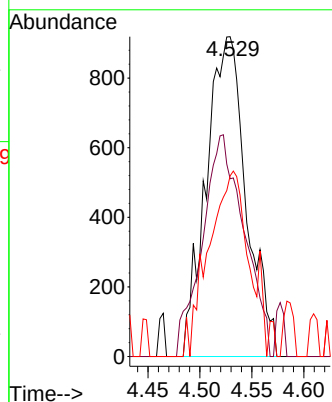
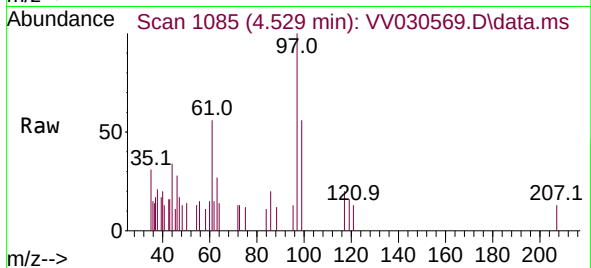
Tgt Ion: 97 Resp: 2470

Ion Ratio Lower Upper

97 100

99 72.2 50.9 76.3

61 58.0 35.9 53.9#



#34

Trichloroethene

Concen: 6.703 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VV030569.D

Acq: 14 Apr 2023 13:37

Tgt Ion: 95 Resp: 75215

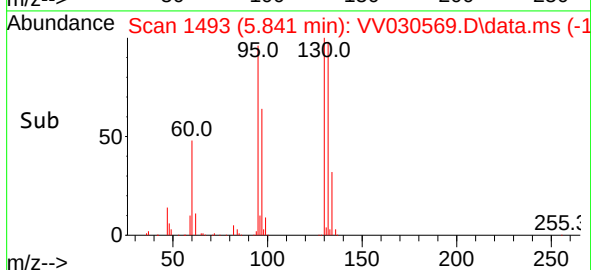
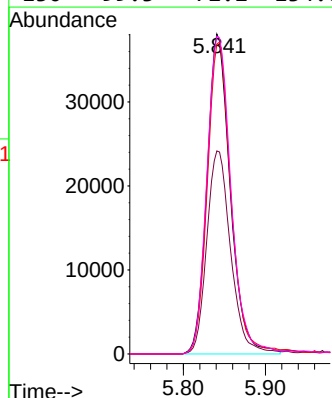
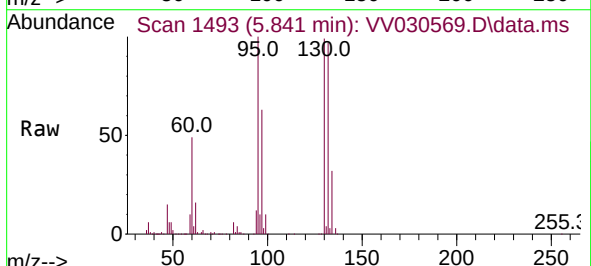
Ion Ratio Lower Upper

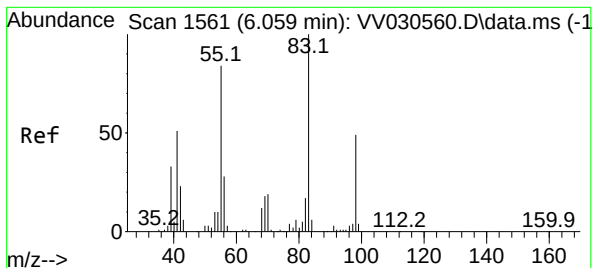
95 100

97 63.4 44.2 82.2

132 96.9 69.5 129.1

130 99.3 72.2 134.0





#35

Methylcyclohexane

Concen: 0.649 ug/L

RT: 5.998 min Scan# 11423

Delta R.T. -0.061 min

Lab File: VV030569.D

Acq: 14 Apr 2023 13:37

Instrument :

MSVOA_V

ClientSampleId :

BHDZ8DL

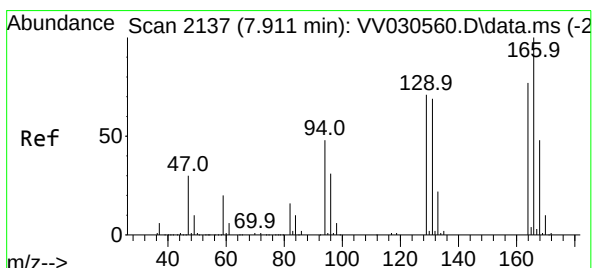
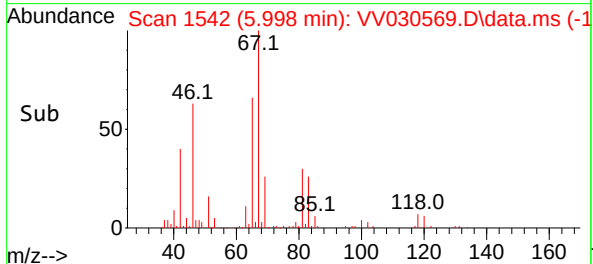
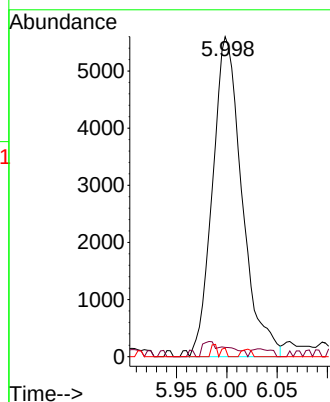
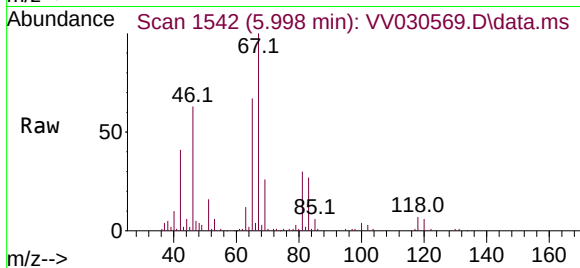
Tgt Ion: 83 Resp: 11423

Ion Ratio Lower Upper

83 100

55 2.2 66.6 100.0#

98 0.7 38.6 58.0#



#47

Tetrachloroethene

Concen: 2.724 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030569.D

Acq: 14 Apr 2023 13:37

Tgt Ion:164 Resp: 26979

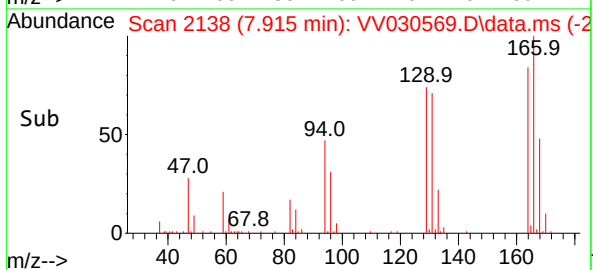
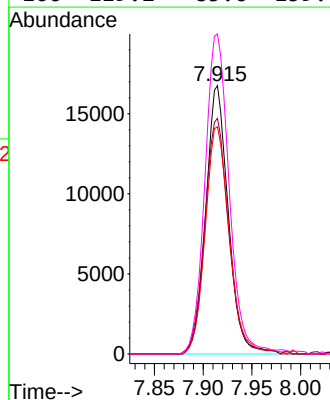
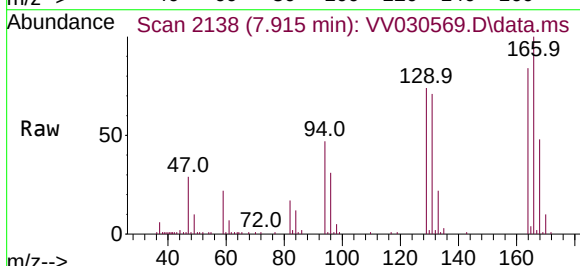
Ion Ratio Lower Upper

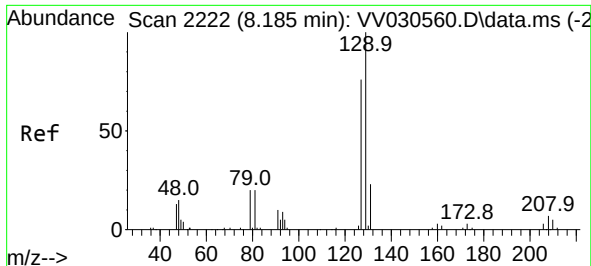
164 100

129 87.8 60.8 112.8

131 84.7 61.7 114.7

166 119.2 85.6 159.0

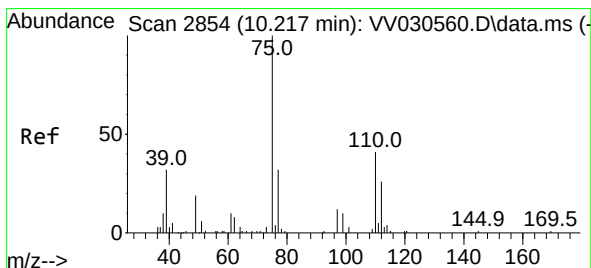
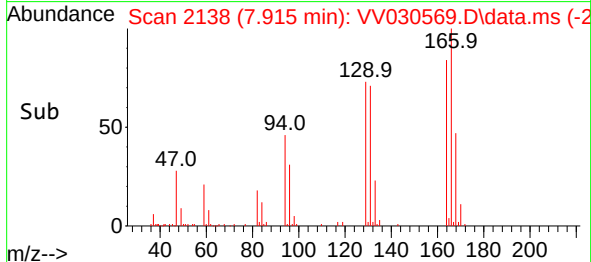
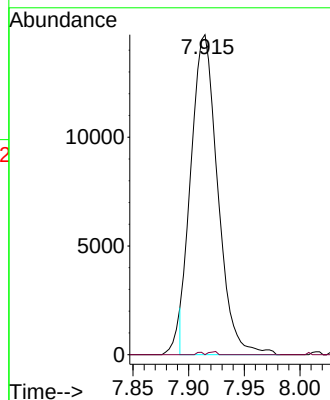
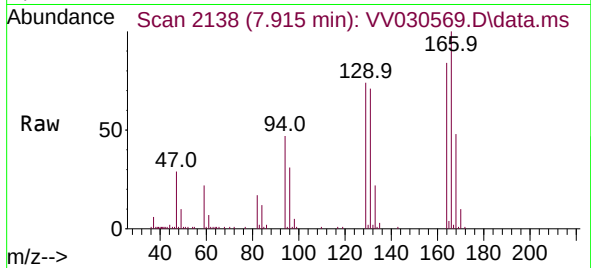




#49
Dibromochloromethane
Concen: 2.736 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.270 min
Lab File: VV030569.D
Acq: 14 Apr 2023 13:37

Instrument :
MSVOA_V
ClientSampleId :
BHDZ8DL

Tgt Ion:129 Resp: 24489
Ion Ratio Lower Upper
129 100
127 0.0 52.7 97.9#



#61
1,2,3-Trichloropropane
Concen: 1.448 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.978 min
Lab File: VV030569.D
Acq: 14 Apr 2023 13:37

Tgt Ion: 75 Resp: 7136
Ion Ratio Lower Upper
75 100
77 35.1 26.0 39.0
110 2.6 31.6 47.4#

