

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024099.D
 Acq On : 19 Dec 2021 19:26
 Operator : SY/MD
 Sample : M5148-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 01:39:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 01:35:07 2021
 Response via : Initial Calibration

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

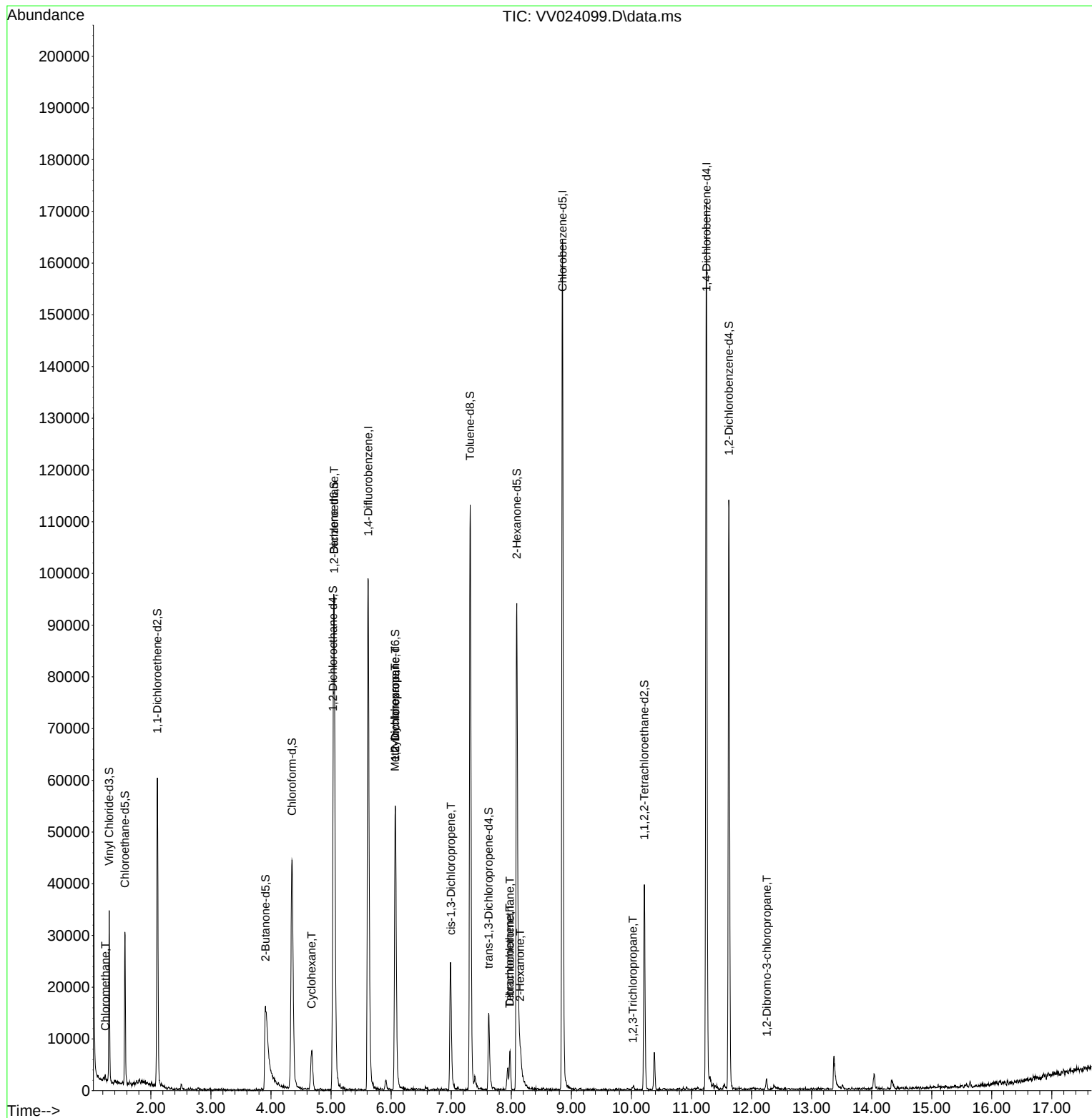
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	88816	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	93356	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	46528	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	18554	3.886	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.800%	
7) Chloroethane-d5	1.567	69	16999	4.267	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.400%	
11) 1,1-Dichloroethene-d2	2.108	63	29763	3.193	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.800%	
20) 2-Butanone-d5	3.908	46	34732	37.233	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	74.460%	
24) Chloroform-d	4.349	84	47957	4.434	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.034	65	23798	4.726	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
32) Benzene-d6	5.050	84	85352	4.616	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	6.069	67	25511	4.573	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.400%	
41) Toluene-d8	7.316	98	75796	4.553	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	7.625	79	9201	3.976	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.600%	
46) 2-Hexanone-d5	8.091	63	35711	34.469	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.940%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	17282	3.734	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	74.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	30685	4.937	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	470	0.071	ug/L #	74
27) 1,2-Dichloroethane	5.053	62	474	0.066	ug/L #	73
30) Cyclohexane	4.673	56	3715	0.384	ug/L	97
35) Methylcyclohexane	6.066	83	6733	0.614	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	3217	0.512	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	807	0.087	ug/L #	73
47) Tetrachloroethene	7.976	164	1728	0.263	ug/L	92
48) 2-Hexanone	8.146	43	2854	1.305	ug/L #	69
49) Dibromochloromethane	7.979	129	1537	0.243	ug/L #	11
61) 1,2,3-Trichloropropane	10.024	75	236	0.074	ug/L #	37
68) 1,2-Dibromo-3-chloropr...	12.255	75	49	0.071	ug/L #	1

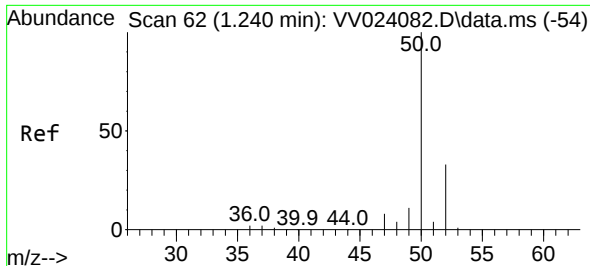
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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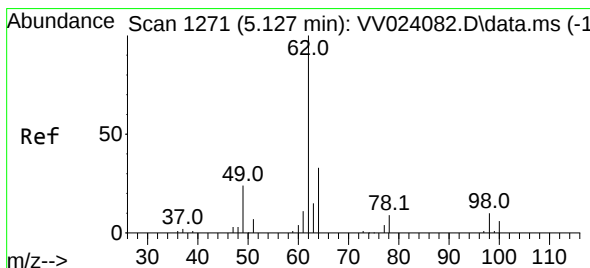
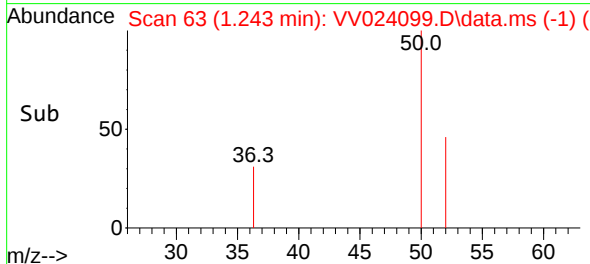
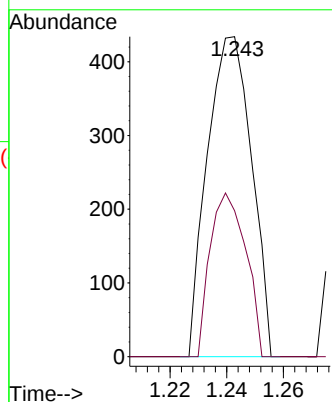
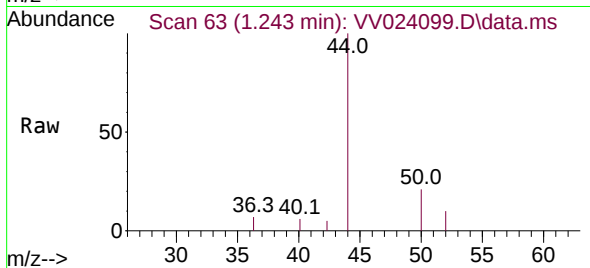




#3
Chloromethane
Concen: 0.071 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024099.D
Acq: 19 Dec 2021 19:26

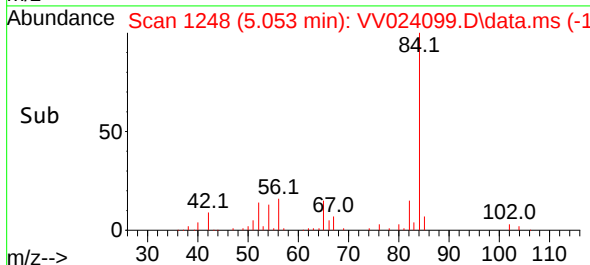
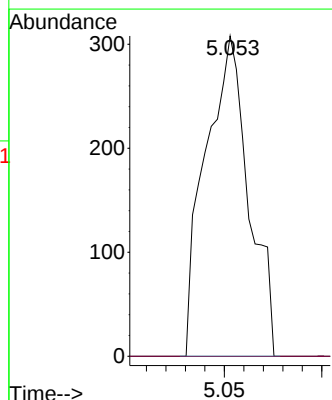
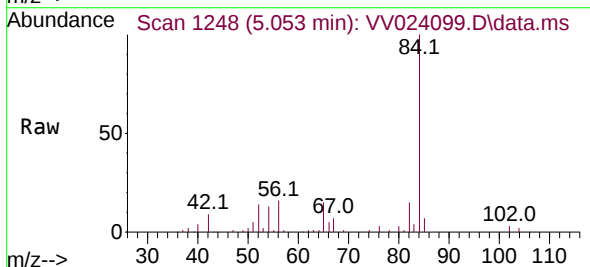
Instrument :
MSVOA_V
ClientSampleId :

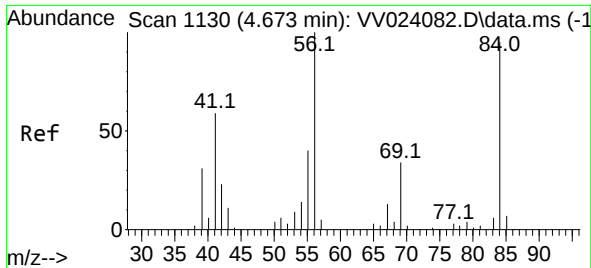
Tgt Ion: 50 Resp: 470
Ion Ratio Lower Upper
50 100
52 45.6 22.0 41.0#



#27
1,2-Dichloroethane
Concen: 0.066 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.074 min
Lab File: VV024099.D
Acq: 19 Dec 2021 19:26

Tgt Ion: 62 Resp: 474
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#

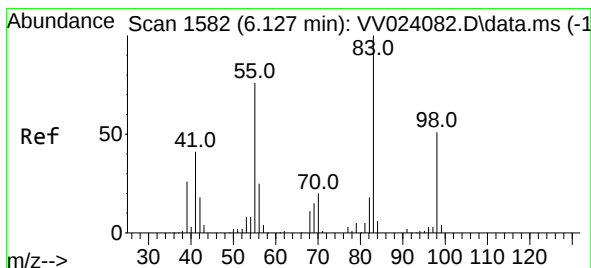
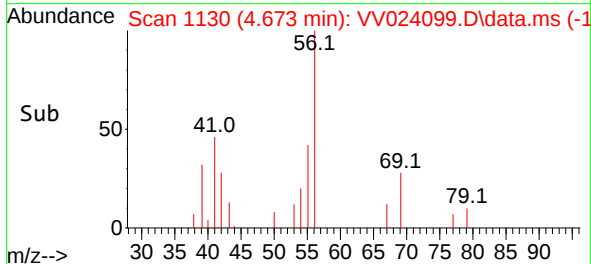
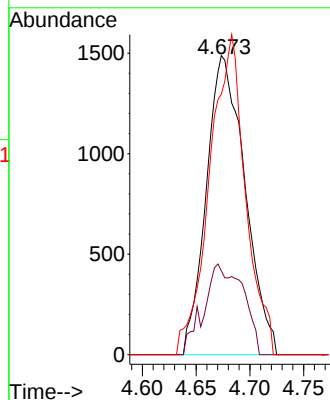
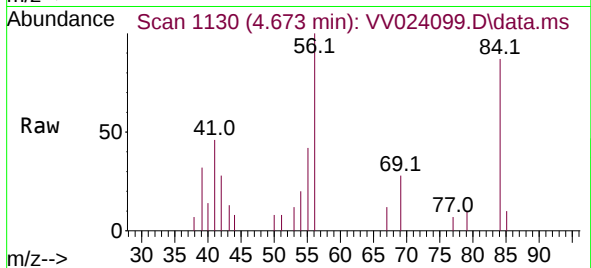




#30
Cyclohexane
Concen: 0.384 ug/L
RT: 4.673 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VV024099.D
Acq: 19 Dec 2021 19:26

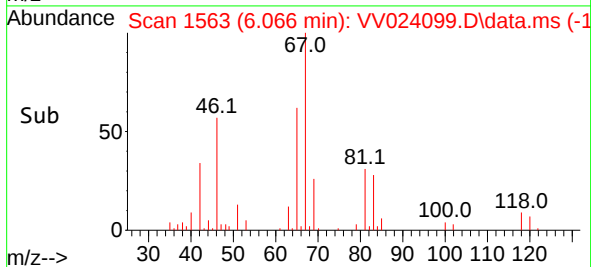
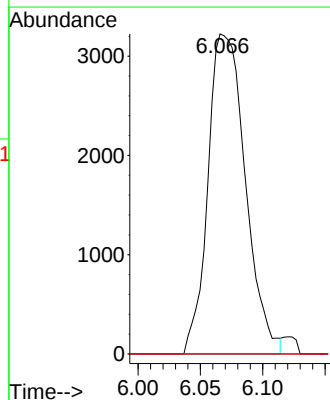
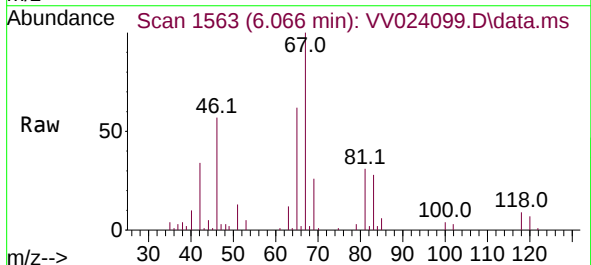
Instrument :
MSVOA_V
ClientSampleId :

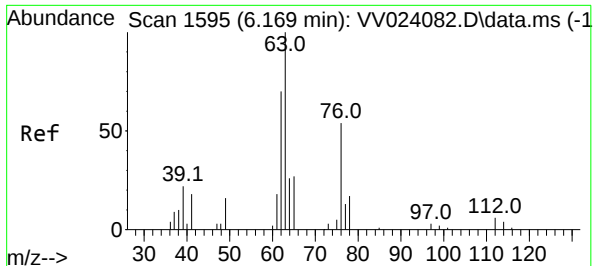
Tgt Ion:	56	Resp:	3715
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.8	37.2
84	99.0	75.9	113.9



#35
Methylcyclohexane
Concen: 0.614 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV024099.D
Acq: 19 Dec 2021 19:26

Tgt Ion:	83	Resp:	6733
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.2#
98	2.6	41.0	61.4#





#37

1,2-Dichloropropane

Concen: 0.512 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024099.D

Acq: 19 Dec 2021 19:26

Instrument :

MSVOA_V

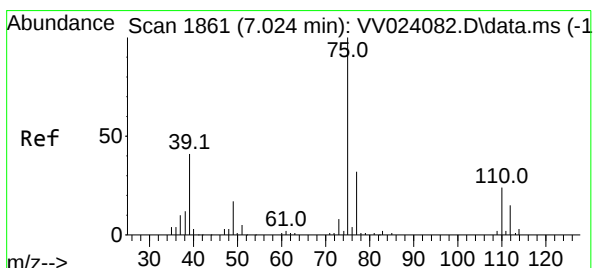
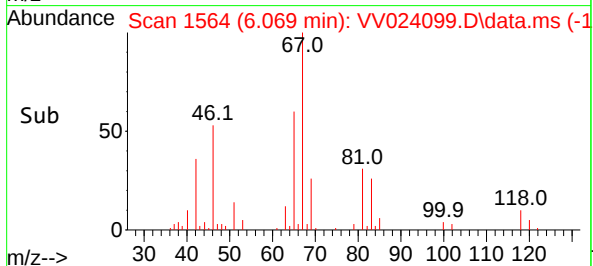
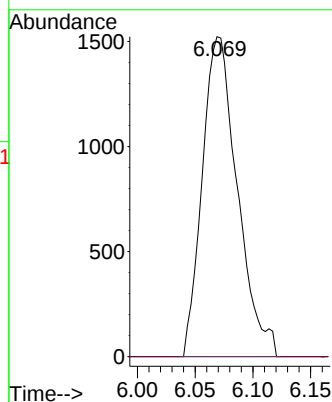
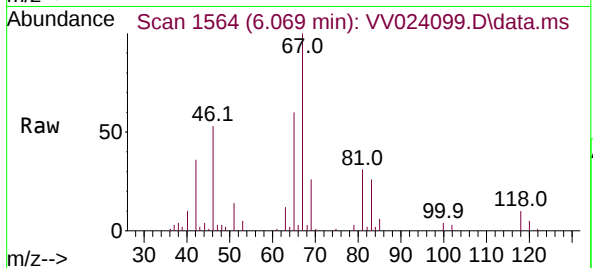
ClientSampleId :

Tgt Ion: 63 Resp: 3217

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.029 min

Lab File: VV024099.D

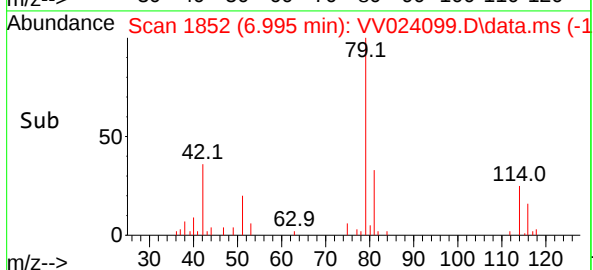
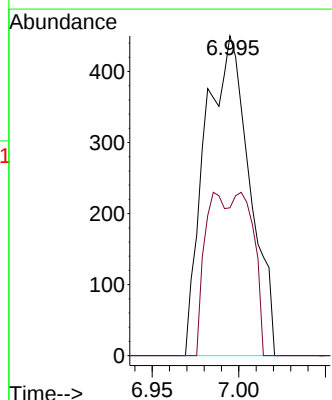
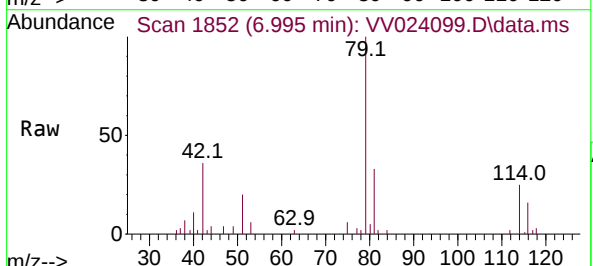
Acq: 19 Dec 2021 19:26

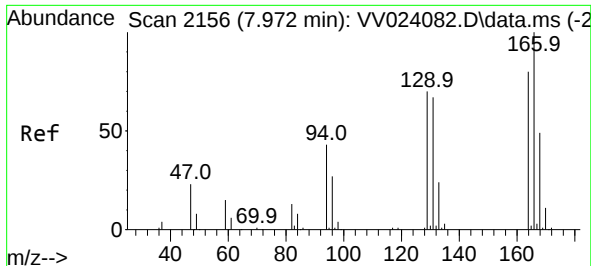
Tgt Ion: 75 Resp: 807

Ion Ratio Lower Upper

75 100

77 46.2 22.0 41.0#





#47

Tetrachloroethene

Concen: 0.263 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

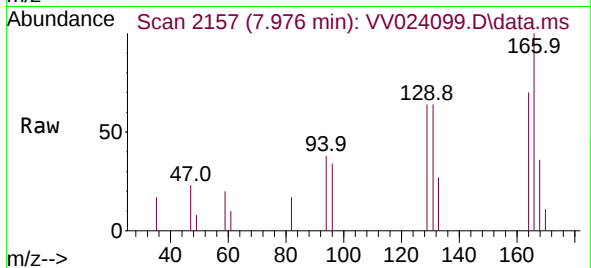
Lab File: VV024099.D

Acq: 19 Dec 2021 19:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1728

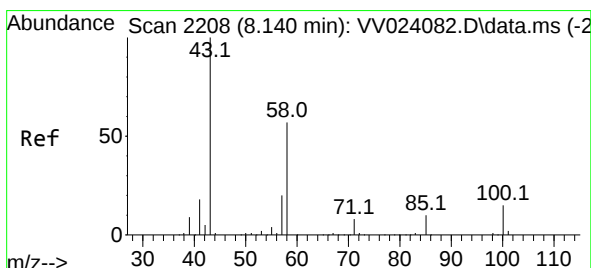
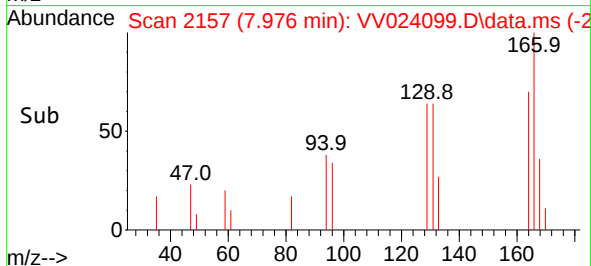
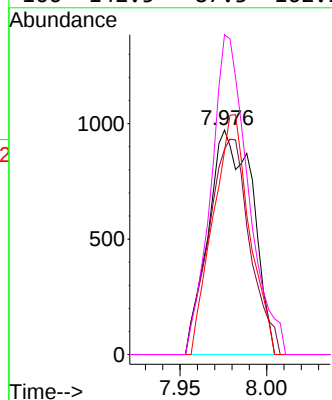
Ion Ratio Lower Upper

164 100

129 91.5 62.6 116.2

131 90.5 61.0 113.4

166 142.5 87.3 162.1



#48

2-Hexanone

Concen: 1.305 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV024099.D

Acq: 19 Dec 2021 19:26

Tgt Ion: 43 Resp: 2854

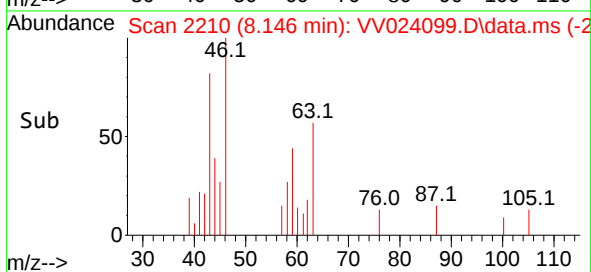
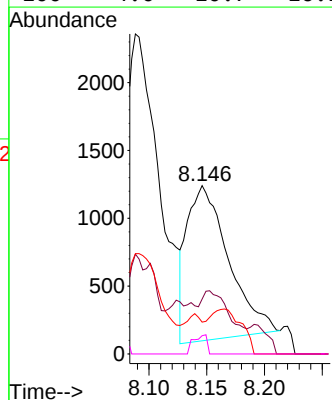
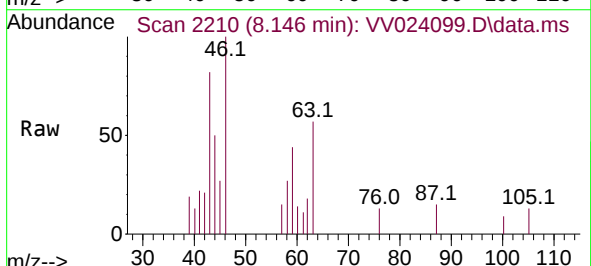
Ion Ratio Lower Upper

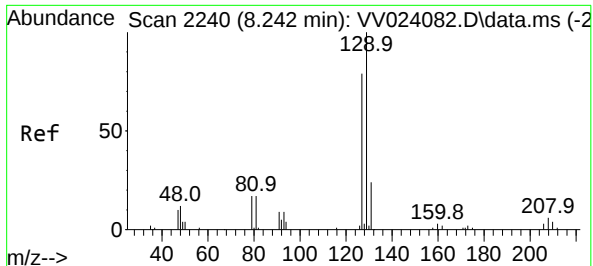
43 100

58 29.3 44.5 66.7#

57 10.4 15.1 22.7#

100 4.0 10.7 16.1#





#49

Dibromochloromethane

Concen: 0.243 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV024099.D

Acq: 19 Dec 2021 19:26

Instrument :

MSVOA_V

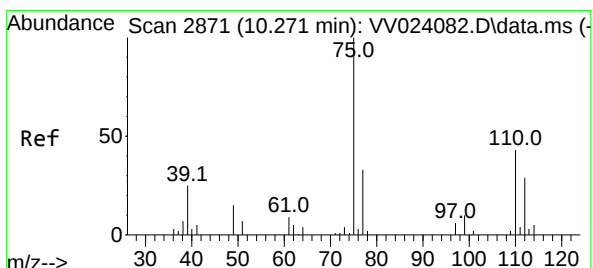
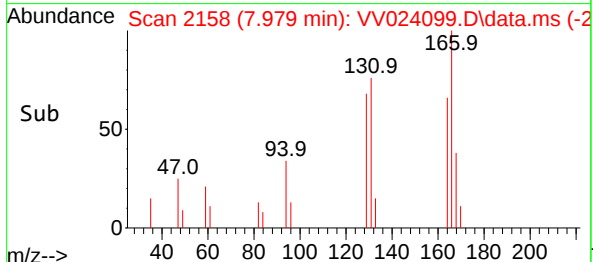
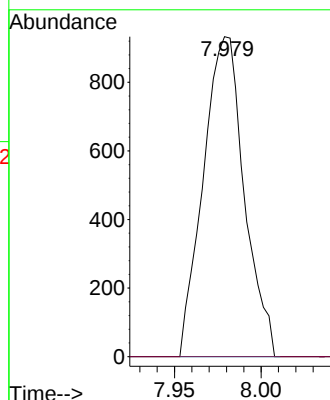
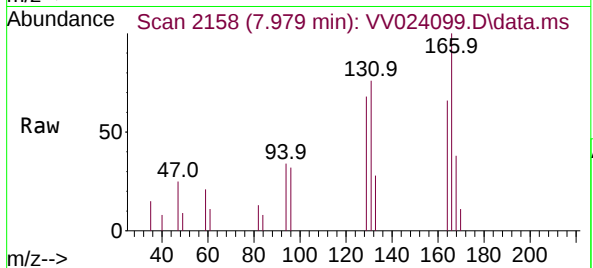
ClientSampleId :

Tgt Ion:129 Resp: 1537

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 0.074 ug/L

RT: 10.024 min Scan# 2794

Delta R.T. -0.248 min

Lab File: VV024099.D

Acq: 19 Dec 2021 19:26

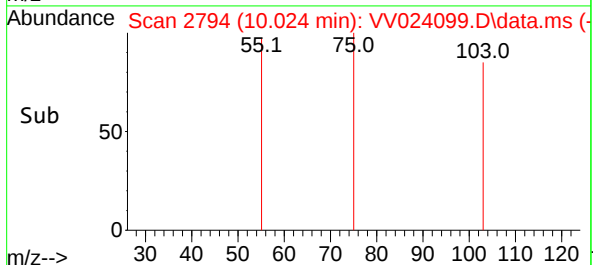
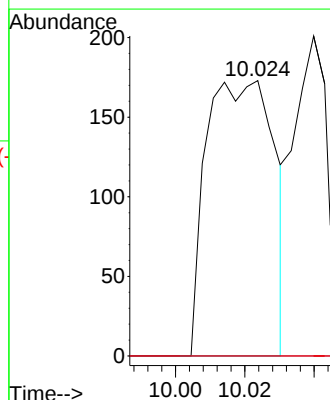
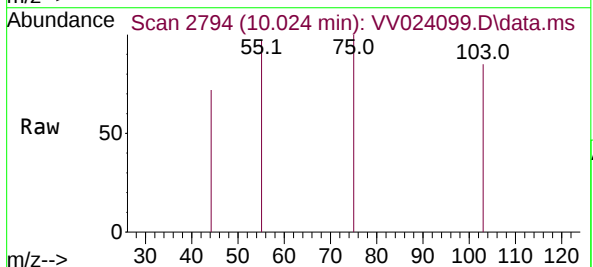
Tgt Ion: 75 Resp: 236

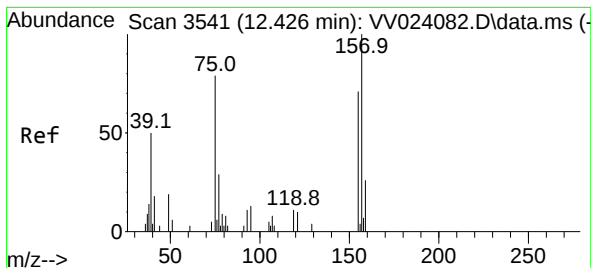
Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

110 0.0 34.2 51.2#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.071 ug/L

RT: 12.255 min Scan# 34

Delta R.T. -0.170 min

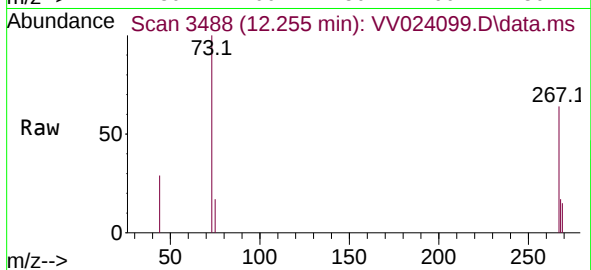
Lab File: VV024099.D

Acq: 19 Dec 2021 19:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 49

Ion Ratio Lower Upper

75 100

155 0.0 71.7 107.5#

157 0.0 103.3 154.9#

