

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025128.D
 Acq On : 23 Mar 2022 13:36
 Operator : SY/MD
 Sample : N2044-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 24 01:15:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	141924	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	137278	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66908	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43244	3.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.568	69	38592	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.108	63	58254	3.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.892	46	95624	70.617	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.240%#
24) Chloroform-d	4.346	84	90964	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.031	65	39738	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.047	84	179675	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.066	67	55496	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.313	98	154722	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.622	79	17670	4.426	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.085	63	76237	55.988	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36439	5.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	54519	4.813	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	460	0.039	ug/L	98
12) 1,1-Dichloroethene	2.114	96	930	0.103	ug/L #	1
13) Acetone	2.188	43	6930	7.652	ug/L #	46
15) Methyl Acetate	2.188	43	5402	2.177	ug/L #	44
17) Methyl tert-butyl Ether	2.764	73	1821	0.092	ug/L #	82
19) 1,1-Dichloroethane	3.191	63	14087	0.761	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	3223	0.293	ug/L	96
25) Chloroform	4.375	83	18247	0.946	ug/L	91
35) Methylcyclohexane	6.066	83	13616	0.723	ug/L #	27
37) 1,2-Dichloropropane	6.066	63	5951	0.580	ug/L #	86
38) Bromodichloromethane	6.510	83	15885	1.224	ug/L	97
40) 4-Methyl-2-pentanone	7.239	43	2632	0.623	ug/L #	75
47) Tetrachloroethene	7.976	164	1372	0.164	ug/L	89
49) Dibromochloromethane	8.243	129	18023	2.349	ug/L	98
59) Bromoform	9.728	173	7503	2.082	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	475	0.084	ug/L #	57
68) 1,2-Dibromo-3-chloropr...	12.239	75	276	0.286	ug/L #	1
71) Naphthalene	13.506	128	1184	0.059	ug/L #	70

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QLast Update : Thu Mar 24 01:12:55 2022
Response via : Initial Calibration

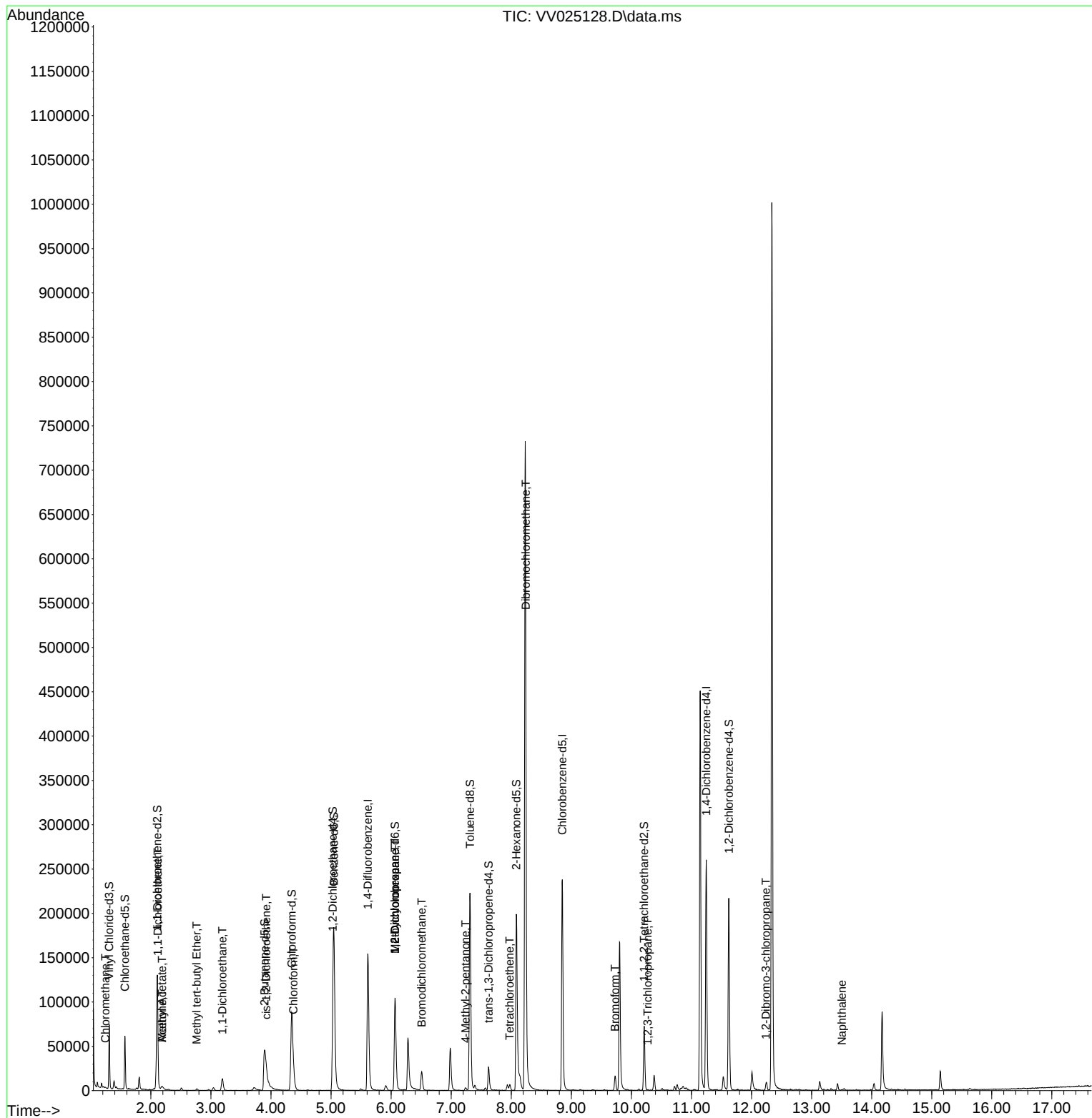
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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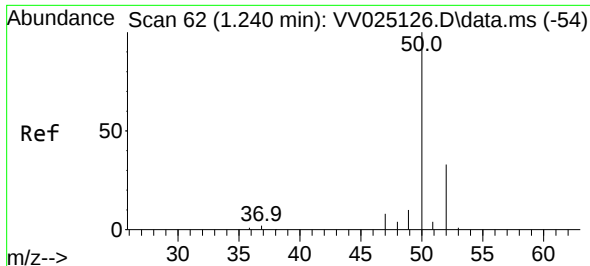
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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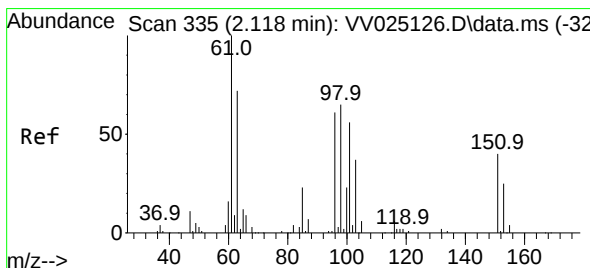
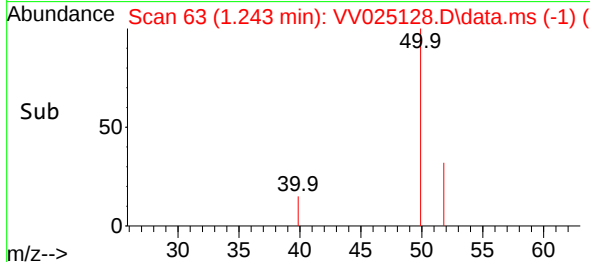
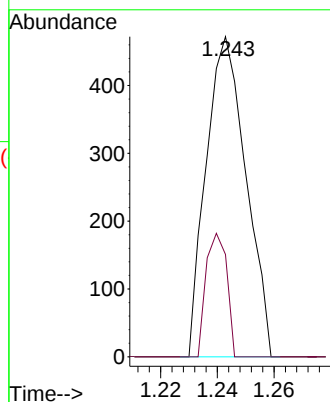
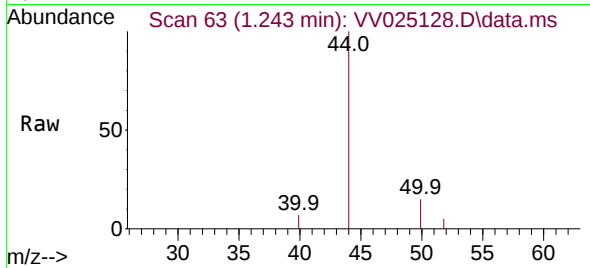




#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025128.D
Acq: 23 Mar 2022 13:36

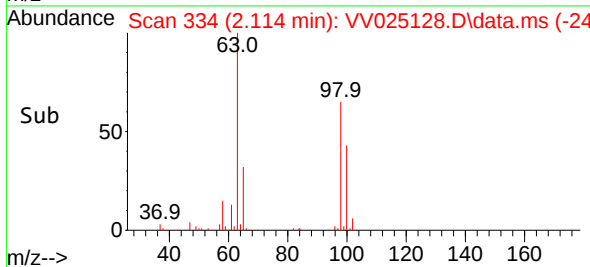
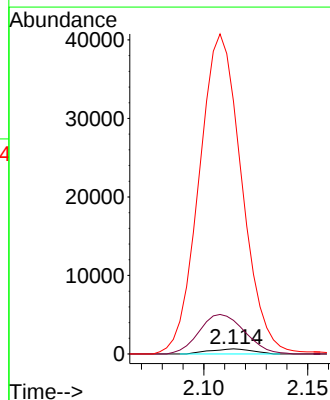
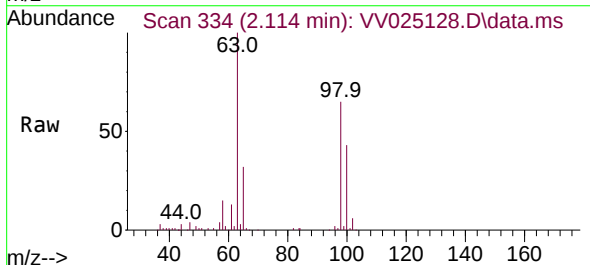
Instrument :
MSVOA_V
ClientSampleId :

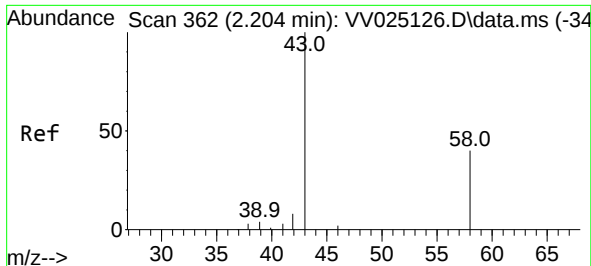
Tgt Ion: 50 Resp: 460
Ion Ratio Lower Upper
50 100
52 32.0 23.2 43.2



#12
1,1-Dichloroethene
Concen: 0.103 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV025128.D
Acq: 23 Mar 2022 13:36

Tgt Ion: 96 Resp: 930
Ion Ratio Lower Upper
96 100
61 653.2 113.0 209.9#
63 4906.1 82.1 152.5#

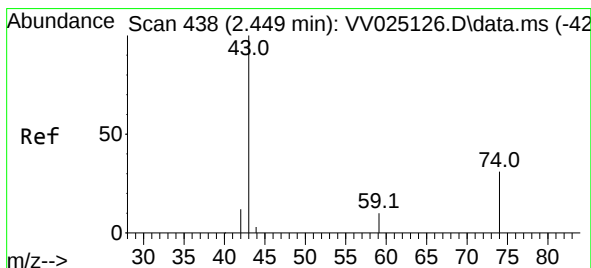
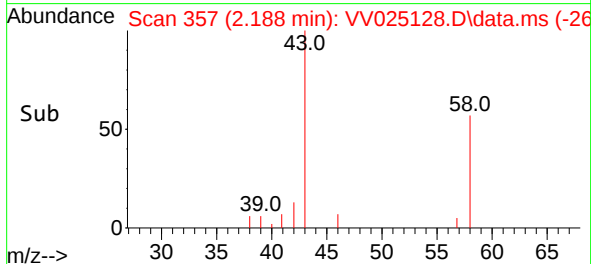
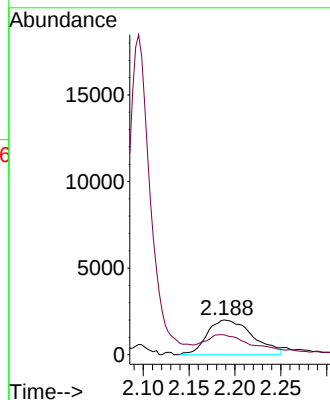
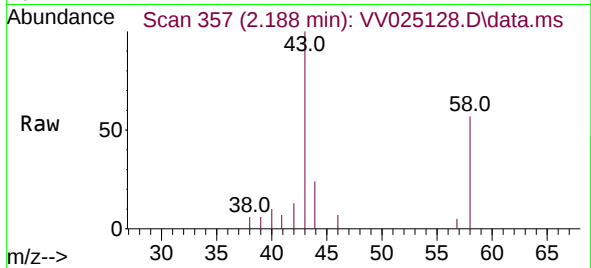




#13
Acetone
Concen: 7.652 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.016 min
Lab File: VV025128.D
Acq: 23 Mar 2022 13:36

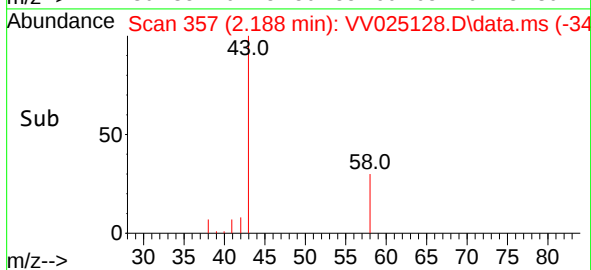
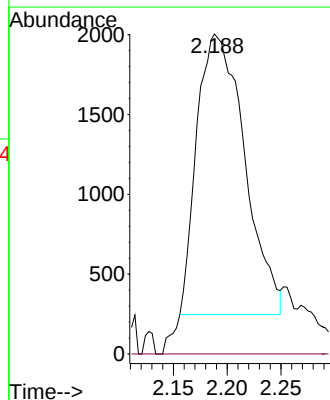
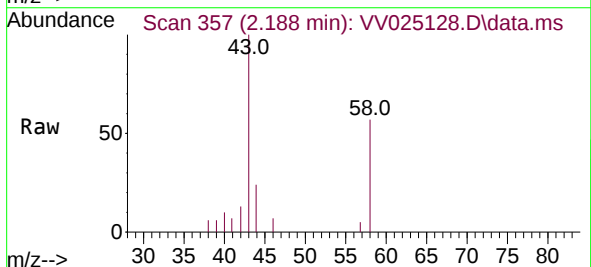
Instrument :
MSVOA_V
ClientSampleId :

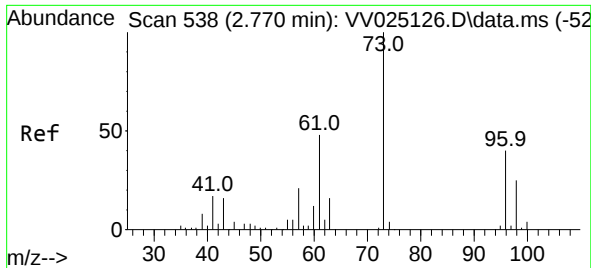
Tgt Ion: 43 Resp: 6930
Ion Ratio Lower Upper
43 100
58 55.1 0.0 54.2#



#15
Methyl Acetate
Concen: 2.177 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.261 min
Lab File: VV025128.D
Acq: 23 Mar 2022 13:36

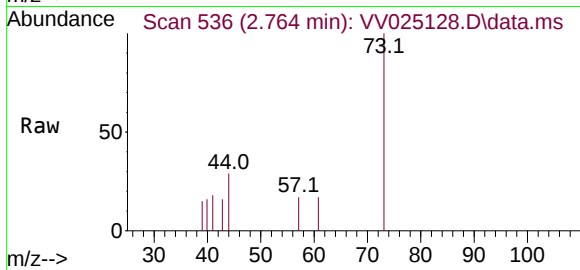
Tgt Ion: 43 Resp: 5402
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.4#



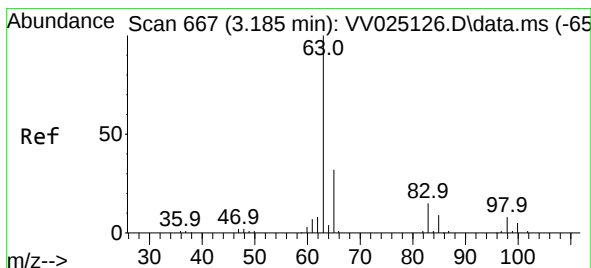
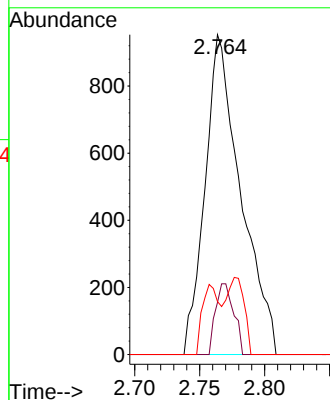
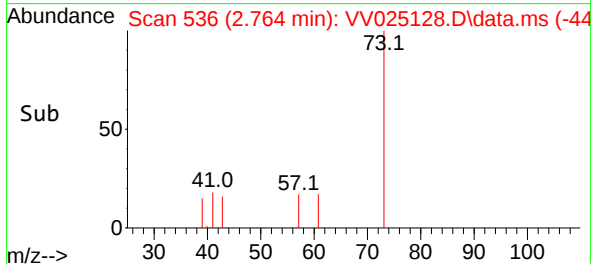


#17
Methyl tert-butyl Ether
Concen: 0.092 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.007 min
Lab File: VV025128.D
Acq: 23 Mar 2022 13:36

Instrument :
MSVOA_V
ClientSampleId :

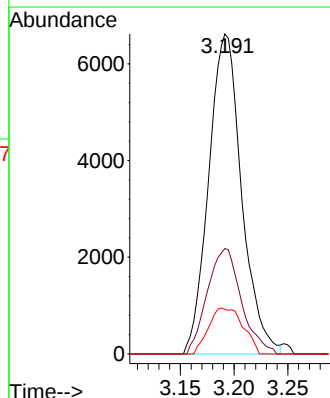
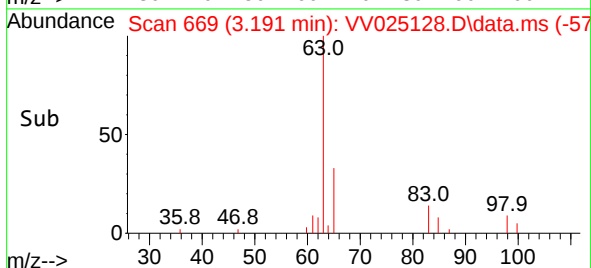
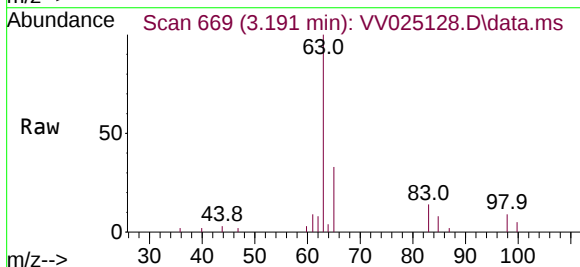


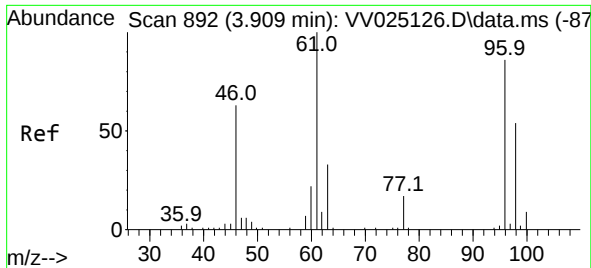
Tgt Ion: 73 Resp: 1821
Ion Ratio Lower Upper
73 100
43 11.2 13.2 19.8#
57 10.6 16.7 25.1#



#19
1,1-Dichloroethane
Concen: 0.761 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV025128.D
Acq: 23 Mar 2022 13:36

Tgt Ion: 63 Resp: 14087
Ion Ratio Lower Upper
63 100
65 33.0 22.2 41.2
83 14.0 9.4 17.4

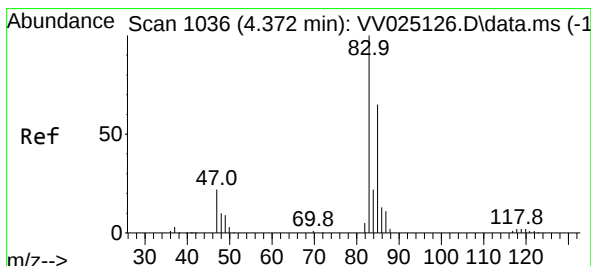
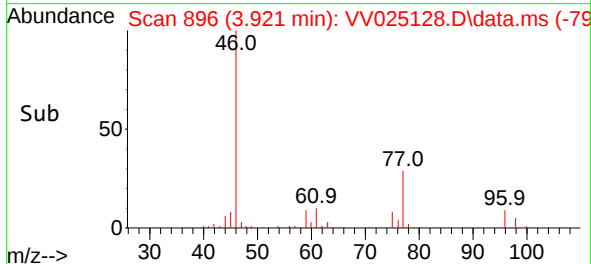
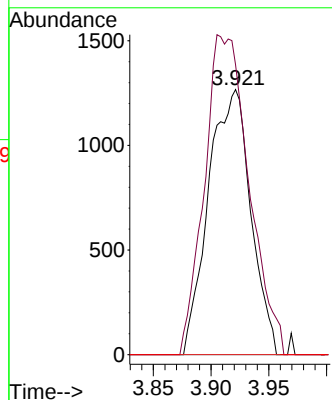
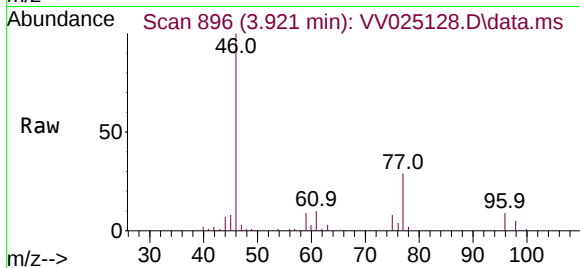




#22
 cis-1,2-Dichloroethene
 Concen: 0.293 ug/L
 RT: 3.921 min Scan# 89
 Delta R.T. 0.013 min
 Lab File: VV025128.D
 Acq: 23 Mar 2022 13:36

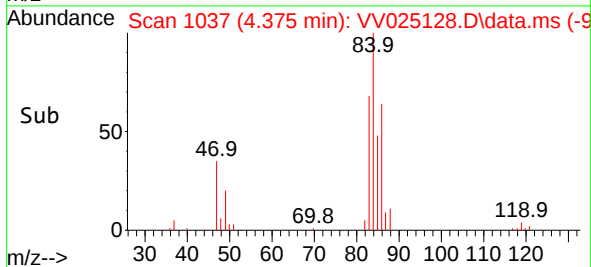
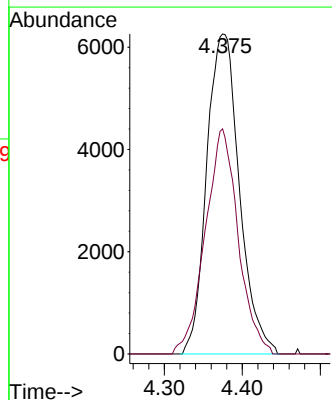
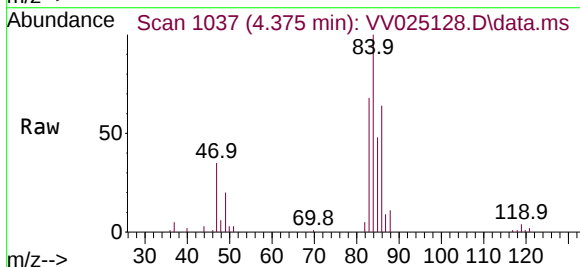
Instrument :
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 ClientSampleId :

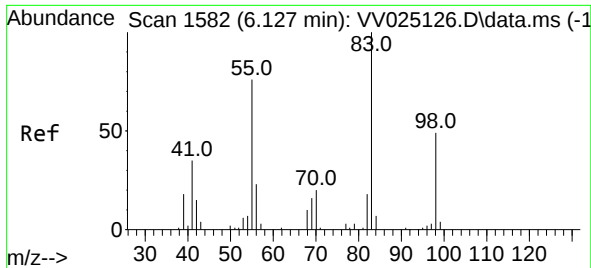
Tgt Ion: 96 Resp: 3223
 Ion Ratio Lower Upper
 96 100
 61 109.3 79.7 147.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.946 ug/L
 RT: 4.375 min Scan# 1037
 Delta R.T. 0.003 min
 Lab File: VV025128.D
 Acq: 23 Mar 2022 13:36

Tgt Ion: 83 Resp: 18247
 Ion Ratio Lower Upper
 83 100
 85 70.4 44.5 82.7

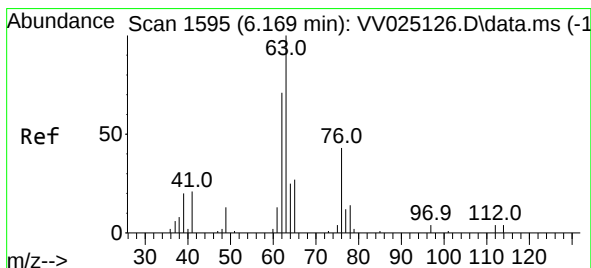
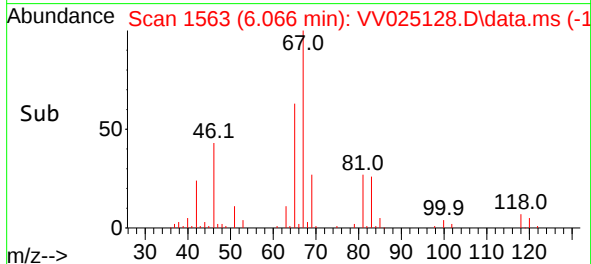
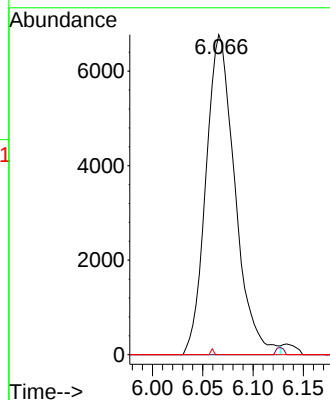
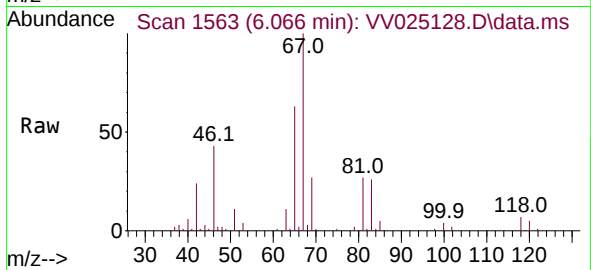




#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV025128.D
Acq: 23 Mar 2022 13:36

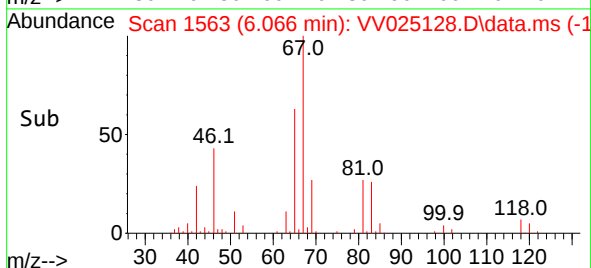
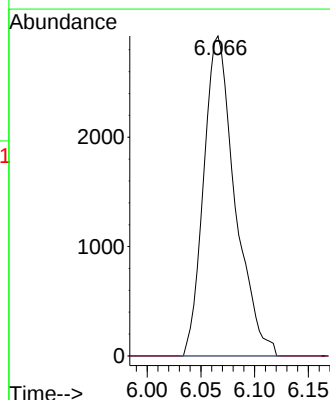
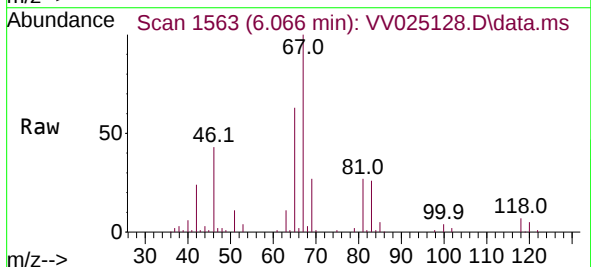
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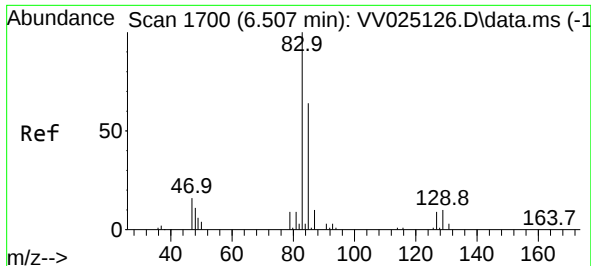
Tgt Ion	Ratio	Lower	Upper
83	100		
55	8.4	55.4	83.0#
98	0.2	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV025128.D
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Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

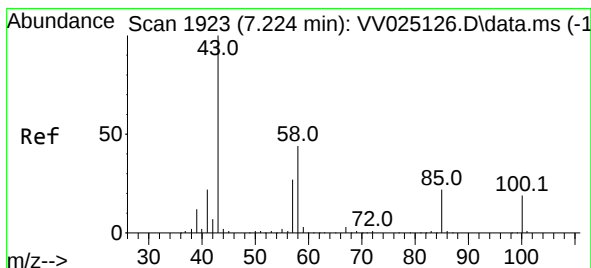
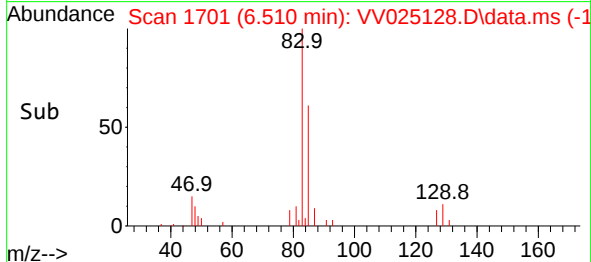
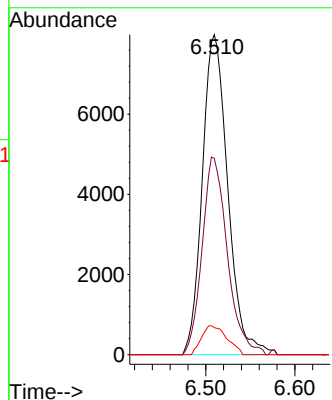
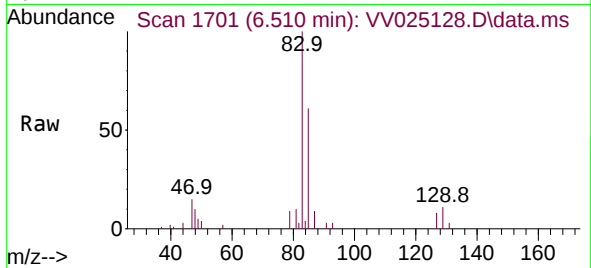




#38
Bromodichloromethane
Concen: 1.224 ug/L
RT: 6.510 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025128.D
Acq: 23 Mar 2022 13:36

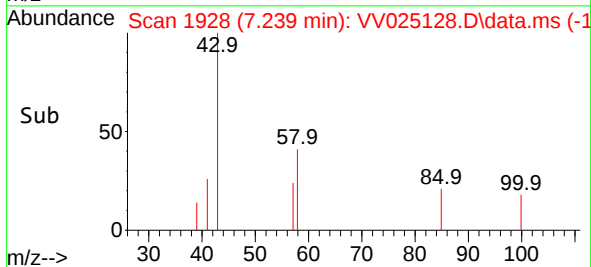
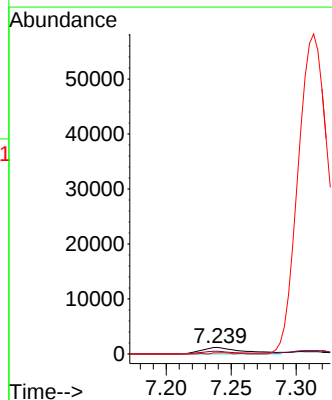
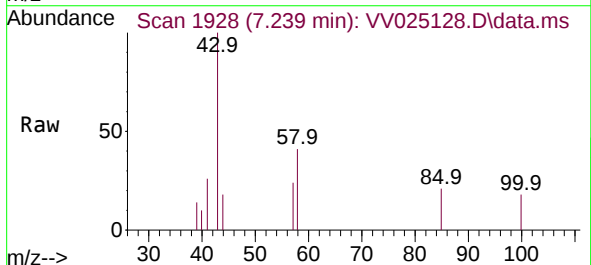
Instrument :
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ClientSampleId :

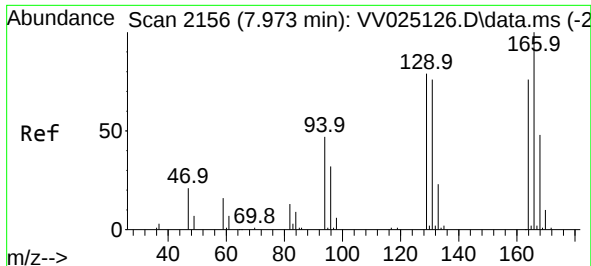
Tgt Ion: 83 Resp: 15885
Ion Ratio Lower Upper
83 100
85 61.3 44.8 83.2
127 8.5 6.3 9.5



#40
4-Methyl-2-pentanone
Concen: 0.623 ug/L
RT: 7.239 min Scan# 1928
Delta R.T. 0.016 min
Lab File: VV025128.D
Acq: 23 Mar 2022 13:36

Tgt Ion: 43 Resp: 2632
Ion Ratio Lower Upper
43 100
58 33.1 36.6 55.0#
100 0.0 13.8 20.8#





#47

Tetrachloroethene

Concen: 0.164 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

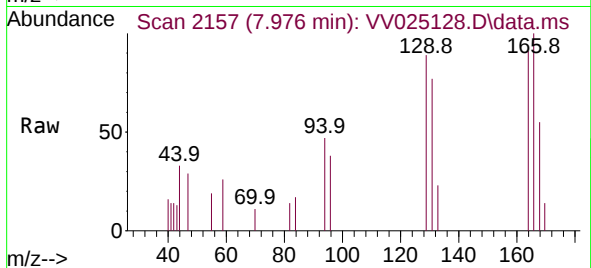
Lab File: VV025128.D

Acq: 23 Mar 2022 13:36

Instrument :

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ClientSampleId :



Tgt Ion:164 Resp: 1372

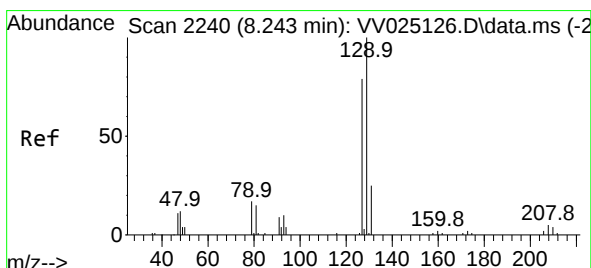
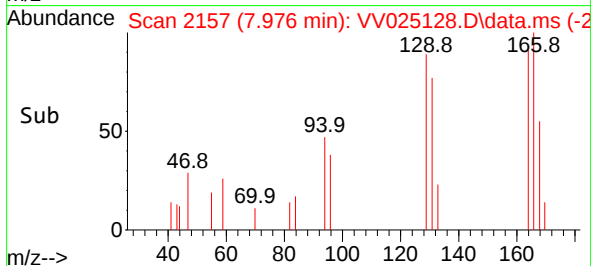
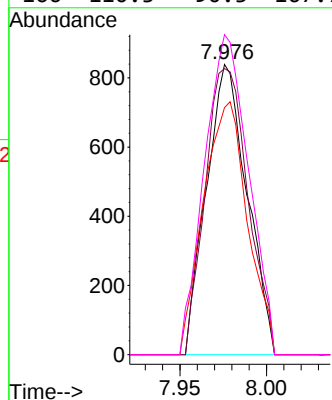
Ion Ratio Lower Upper

164 100

129 98.6 70.3 130.7

131 85.1 69.4 129.0

166 110.3 90.3 167.7



#49

Dibromochloromethane

Concen: 2.349 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VV025128.D

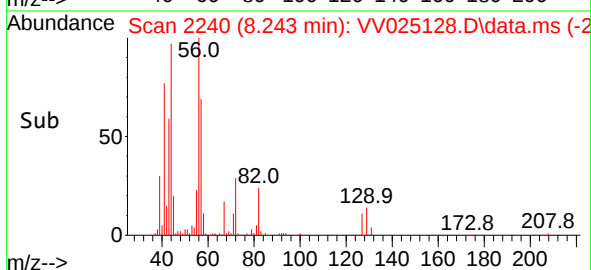
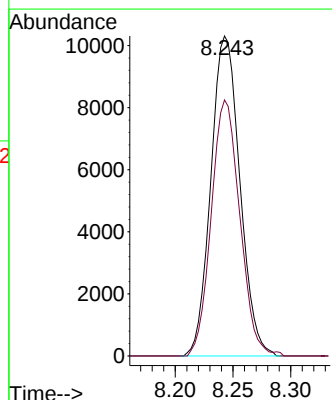
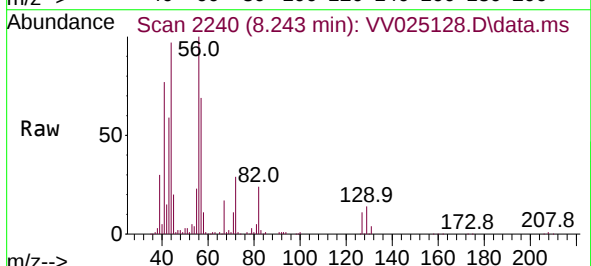
Acq: 23 Mar 2022 13:36

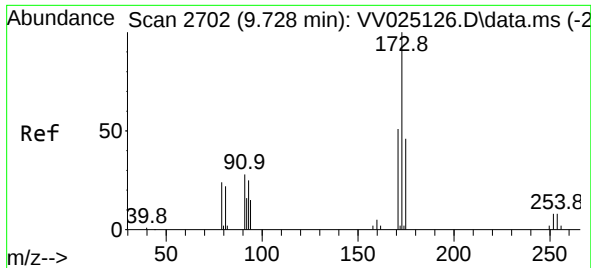
Tgt Ion:129 Resp: 18023

Ion Ratio Lower Upper

129 100

127 80.0 54.9 102.1

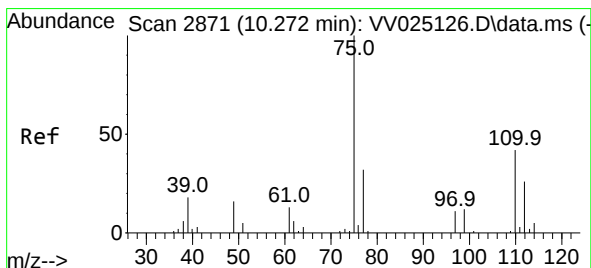
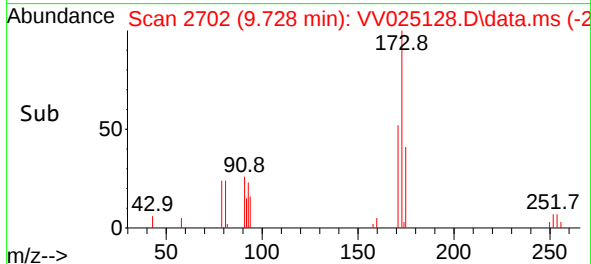
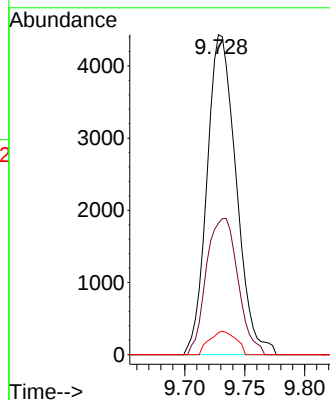
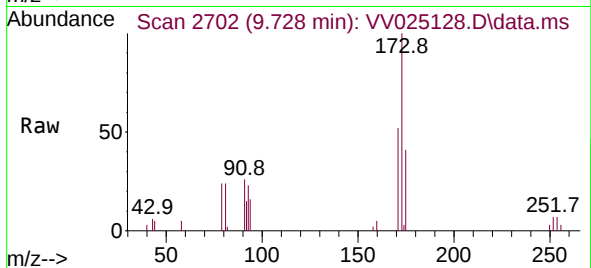




#59
Bromoform
Concen: 2.082 ug/L
RT: 9.728 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025128.D
Acq: 23 Mar 2022 13:36

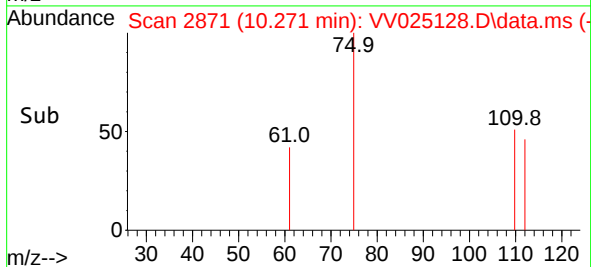
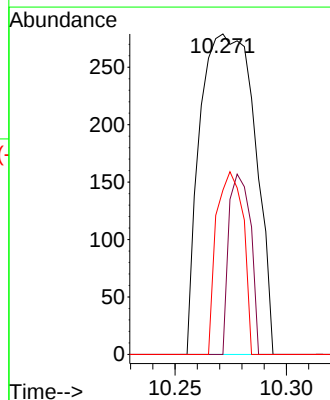
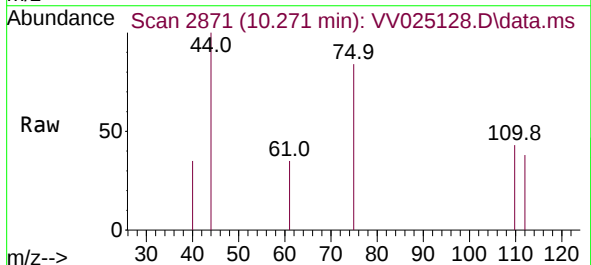
Instrument :
MSVOA_V
ClientSampleId :

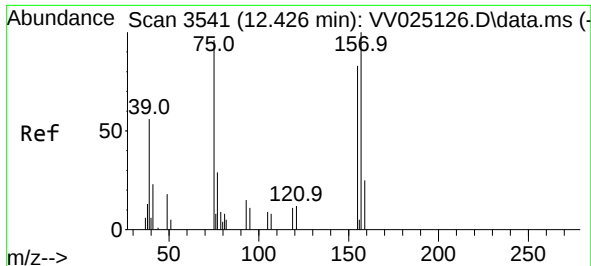
Tgt Ion:	173	Resp:	7503
Ion	Ratio	Lower	Upper
173	100		
175	46.1	37.8	56.8
254	6.7	5.8	8.6



#61
1,2,3-Trichloropropane
Concen: 0.084 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025128.D
Acq: 23 Mar 2022 13:36

Tgt Ion:	75	Resp:	475
Ion	Ratio	Lower	Upper
75	100		
77	22.3	25.7	38.5#
110	0.0	31.2	46.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.286 ug/L

RT: 12.239 min Scan# 34

Delta R.T. -0.187 min

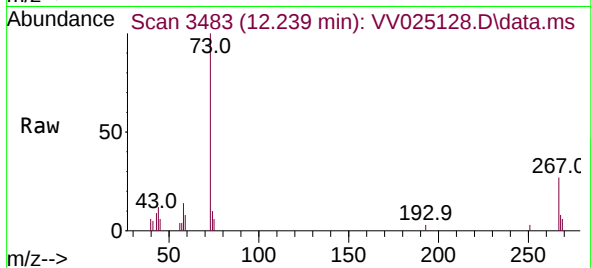
Lab File: VV025128.D

Acq: 23 Mar 2022 13:36

Instrument :

MSVOA_V

ClientSampleId :



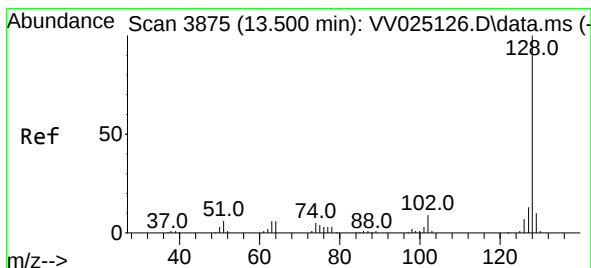
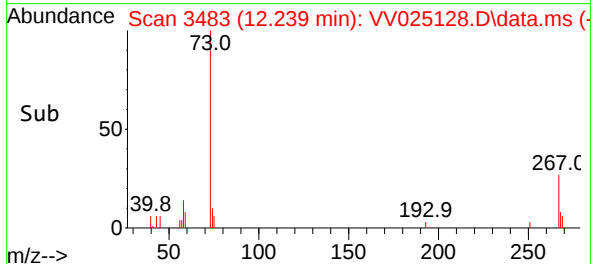
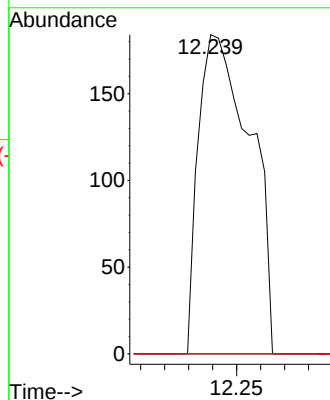
Tgt Ion: 75 Resp: 276

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#



#71

Naphthalene

Concen: 0.059 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV025128.D

Acq: 23 Mar 2022 13:36

Tgt Ion: 128 Resp: 1184

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 0.0 9.8 14.8#

