

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029247.D
 Acq On : 21 Nov 2022 00:58
 Operator : SY/MD
 Sample : N5666-03DL5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 03:56:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 03:37:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	278557	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	244963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	107375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	75421	4.441	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.568	69	68803	4.609	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.105	63	97791	3.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.908	46	111861	39.350	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.700%
24) Chloroform-d	4.342	84	161146	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.027	65	77272	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.047	84	318008	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.066	67	98332	4.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.313	98	258715	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.622	79	27853	4.183	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.088	63	141328	49.721	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	72883	5.149	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	98528	5.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.217	85	2437	0.105	ug/L	97
3) Chloromethane	1.236	50	1214	0.063	ug/L	94
5) Vinyl chloride	1.310	62	6141	0.279	ug/L #	46
8) Chloroethane	1.484	64	22668	1.755	ug/L #	53
12) 1,1-Dichloroethene	2.117	96	9840	0.584	ug/L #	1
16) Methylene chloride	2.506	84	6152	0.282	ug/L	90
17) Methyl tert-butyl Ether	2.770	73	1204	0.033	ug/L #	76
19) 1,1-Dichloroethane	3.188	63	72525	2.268	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	109245	5.494	ug/L	98
27) 1,2-Dichloroethane	5.143	62	1446	0.084	ug/L #	70
29) 1,1,1-Trichloroethane	4.606	97	34478	1.199	ug/L	97
31) Carbon tetrachloride	4.603	117	4923	0.199	ug/L	98
33) Benzene	5.101	78	4376	0.058	ug/L	100
34) Trichloroethene	5.915	95	40008	2.088	ug/L	96
35) Methylcyclohexane	6.066	83	25000	0.742	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10789	0.625	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	11480	1.565	ug/L #	65

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Quant Time: Nov 21 03:56:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 21 03:37:08 2022
Response via : Initial Calibration

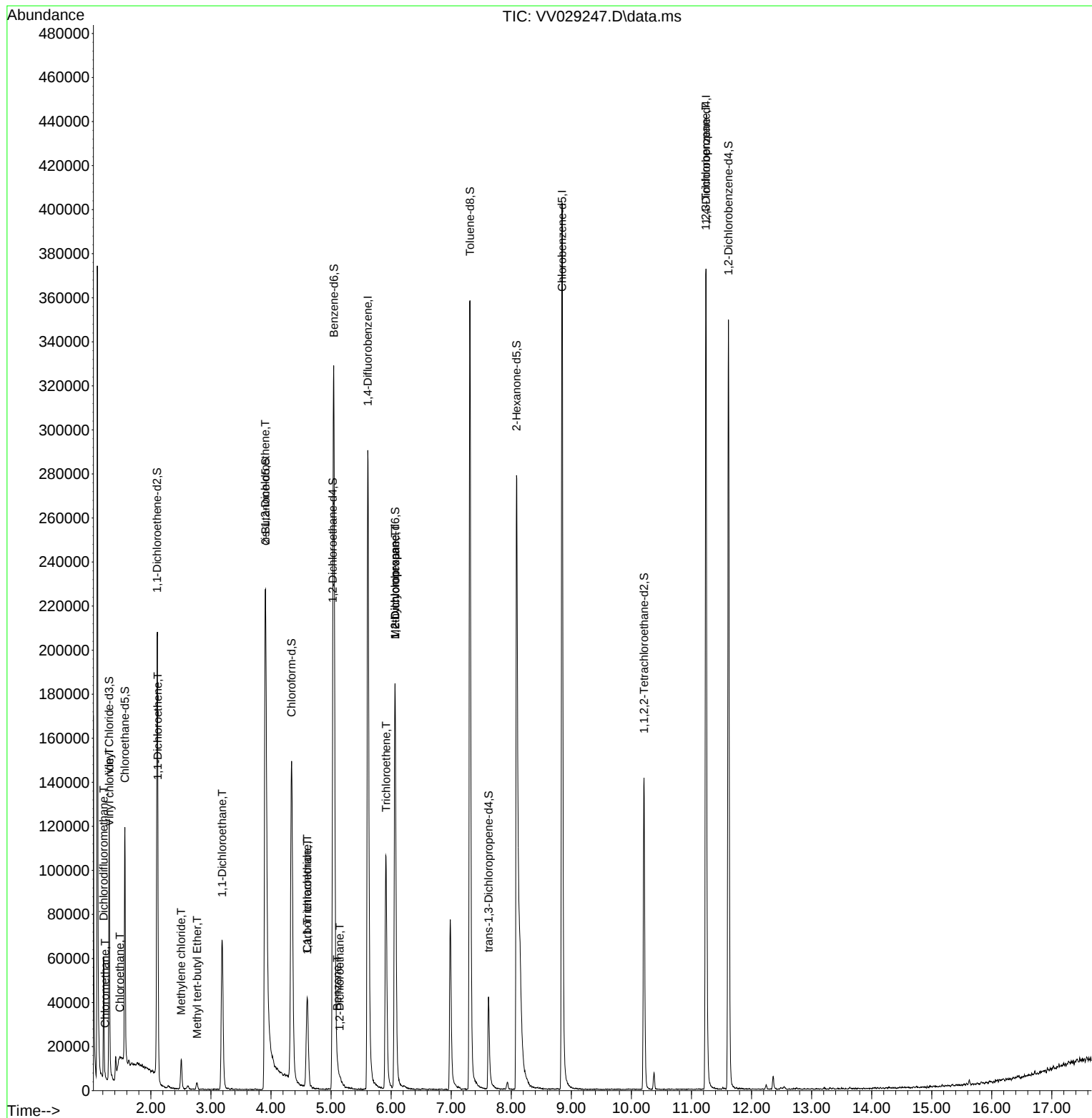
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

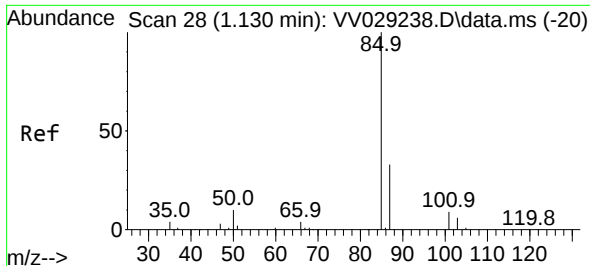
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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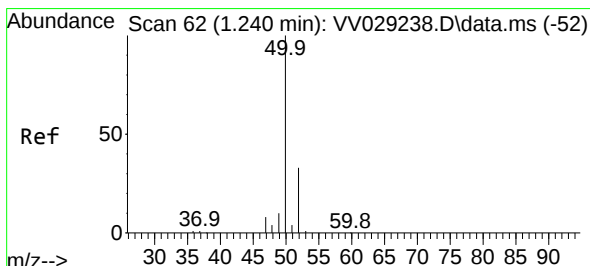
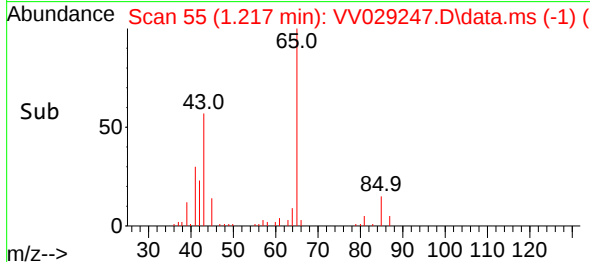
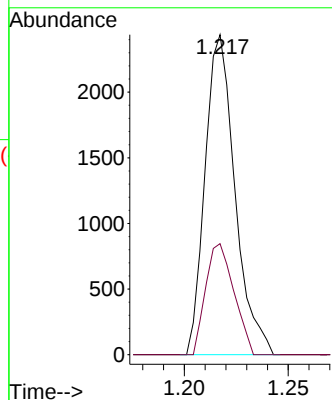
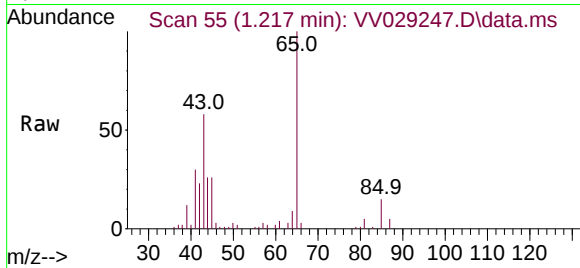




#2
 Dichlorodifluoromethane
 Concen: 0.105 ug/L
 RT: 1.217 min Scan# 51
 Delta R.T. 0.087 min
 Lab File: VV029247.D
 Acq: 21 Nov 2022 00:58

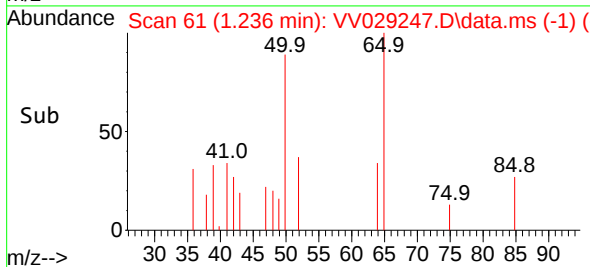
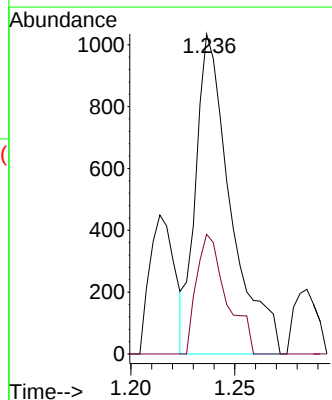
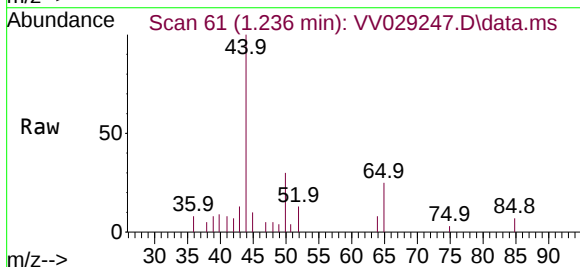
Instrument :
 MSVOA_V
 ClientSampleId :

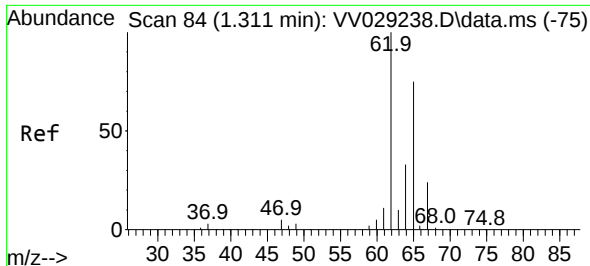
Tgt Ion: 85 Resp: 2437
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.0 37.4



#3
 Chloromethane
 Concen: 0.063 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV029247.D
 Acq: 21 Nov 2022 00:58

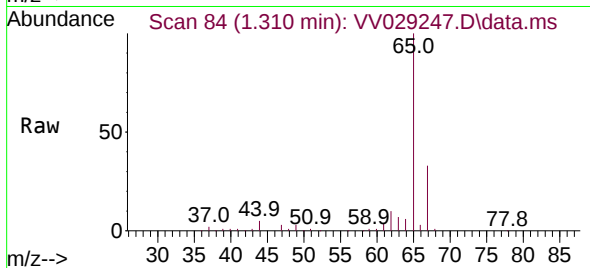
Tgt Ion: 50 Resp: 1214
 Ion Ratio Lower Upper
 50 100
 52 37.4 23.7 43.9



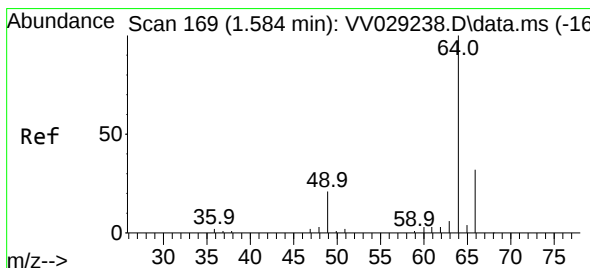
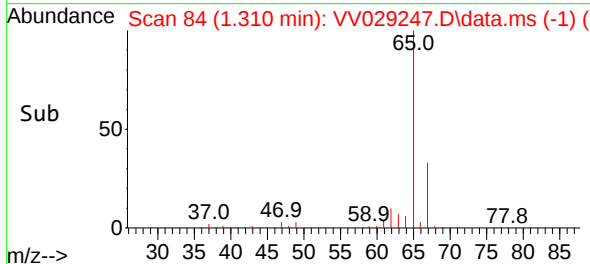
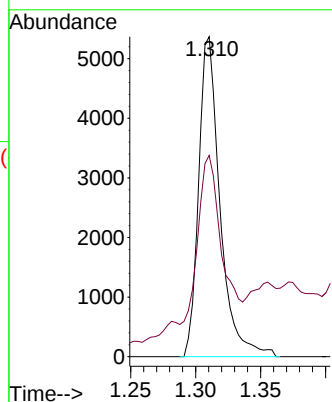


#5
 Vinyl chloride
 Concen: 0.279 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029247.D
 Acq: 21 Nov 2022 00:58

Instrument :
 MSVOA_V
 ClientSampleId :

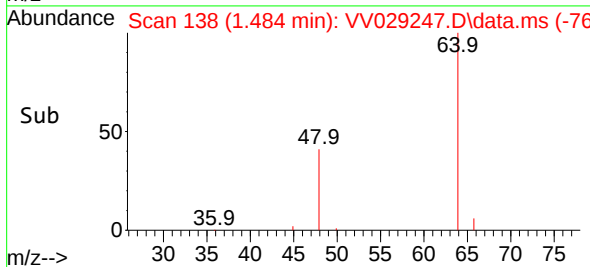
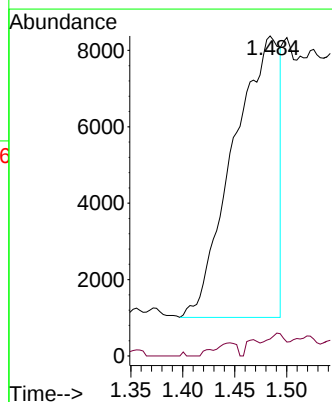
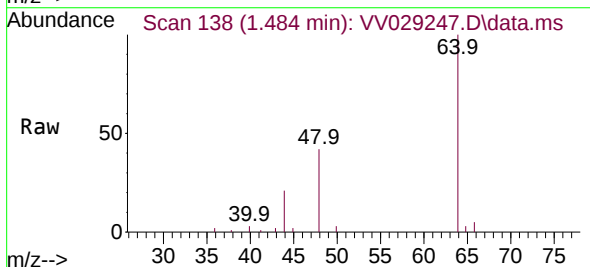


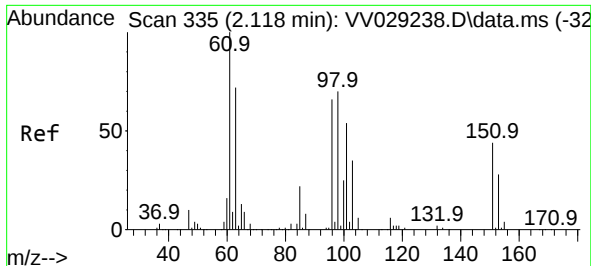
Tgt Ion: 62 Resp: 6141
 Ion Ratio Lower Upper
 62 100
 64 62.9 22.8 42.4#



#8
 Chloroethane
 Concen: 1.755 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.100 min
 Lab File: VV029247.D
 Acq: 21 Nov 2022 00:58

Tgt Ion: 64 Resp: 22668
 Ion Ratio Lower Upper
 64 100
 66 5.2 22.0 40.8#





#12

1,1-Dichloroethene

Concen: 0.584 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.000 min

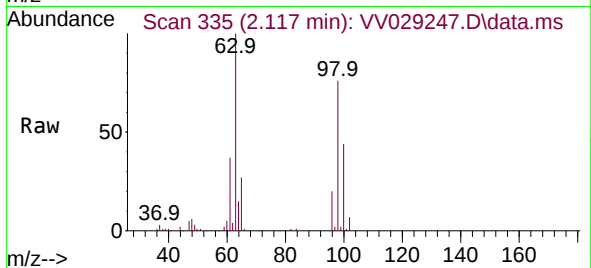
Lab File: VV029247.D

Acq: 21 Nov 2022 00:58

Instrument :

MSVOA_V

ClientSampleId :



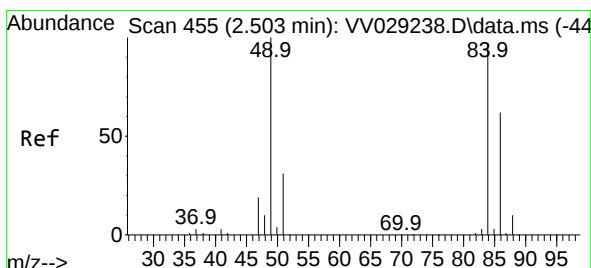
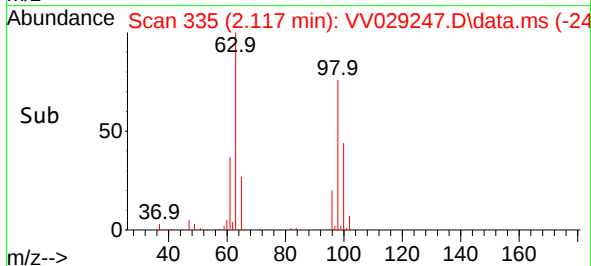
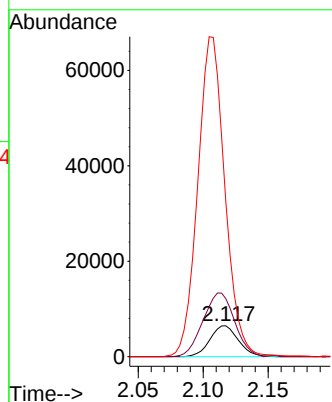
Tgt Ion: 96 Resp: 9840

Ion Ratio Lower Upper

96 100

61 188.2 104.2 193.4

63 502.4 75.9 140.9#



#16

Methylene chloride

Concen: 0.282 ug/L

RT: 2.506 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV029247.D

Acq: 21 Nov 2022 00:58

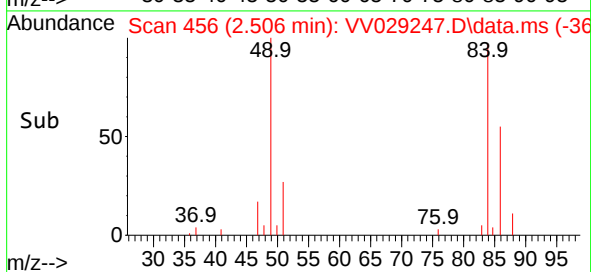
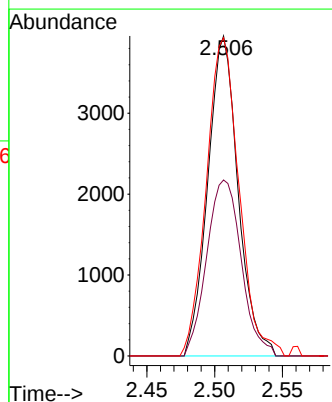
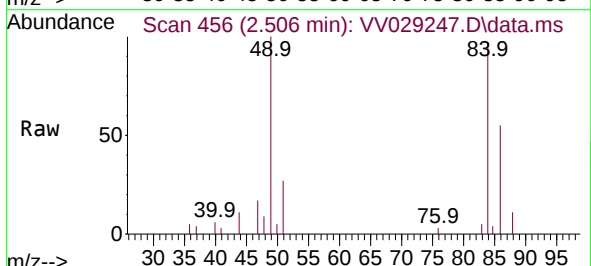
Tgt Ion: 84 Resp: 6152

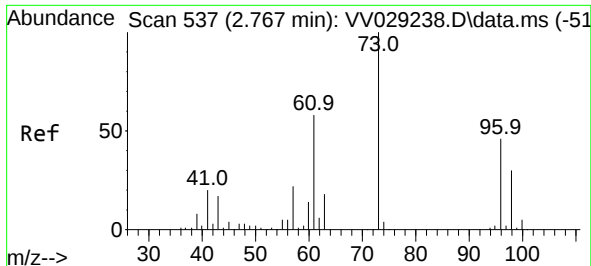
Ion Ratio Lower Upper

84 100

86 55.0 45.8 85.0

49 99.4 75.5 140.1

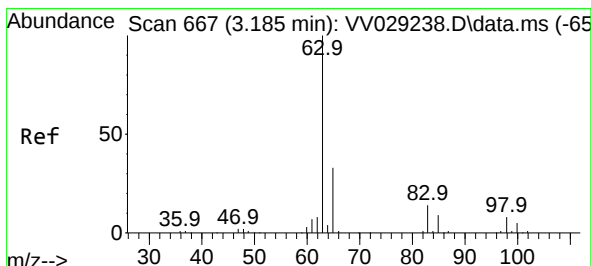
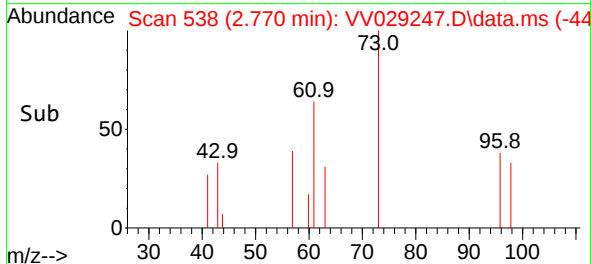
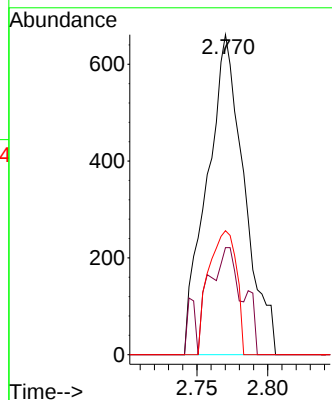
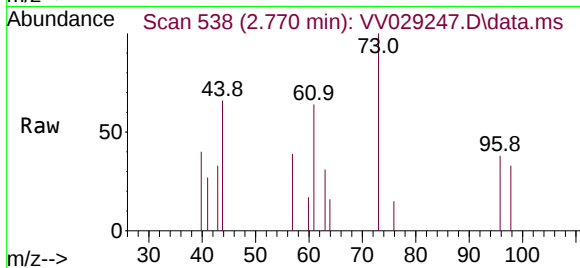




#17
Methyl tert-butyl Ether
Concen: 0.033 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029247.D
Acq: 21 Nov 2022 00:58

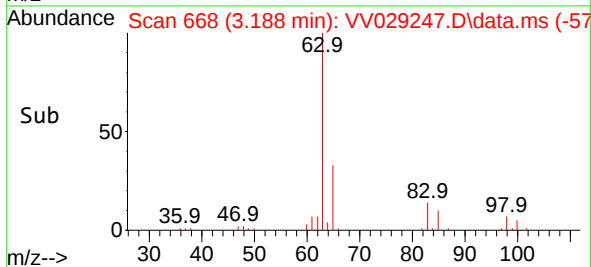
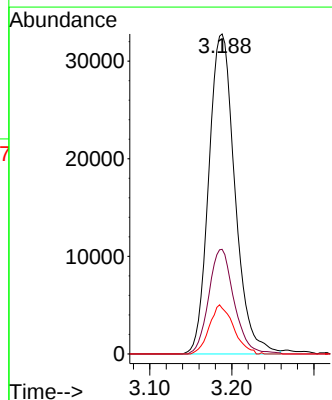
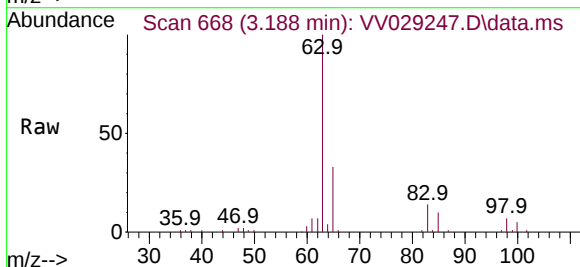
Instrument :
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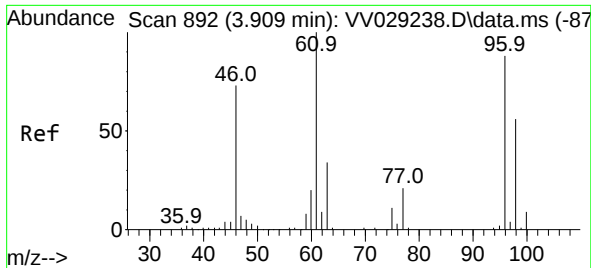
Tgt Ion: 73 Resp: 1204
Ion Ratio Lower Upper
73 100
43 30.2 13.0 19.4#
57 29.0 16.6 24.8#



#19
1,1-Dichloroethane
Concen: 2.268 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV029247.D
Acq: 21 Nov 2022 00:58

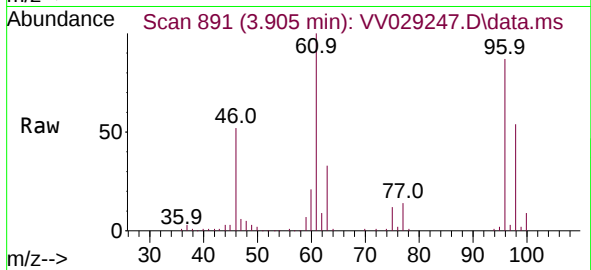
Tgt Ion: 63 Resp: 72525
Ion Ratio Lower Upper
63 100
65 32.7 23.0 42.6
83 14.3 9.4 17.6



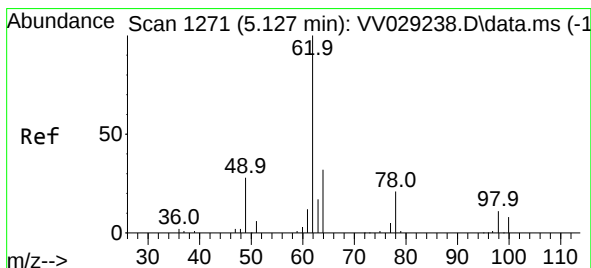
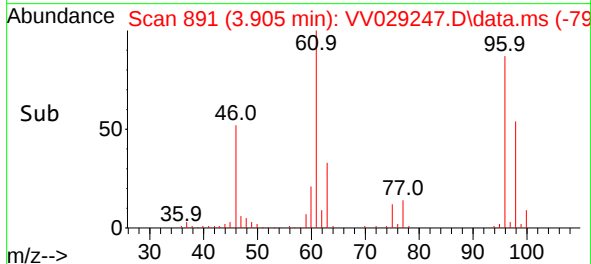
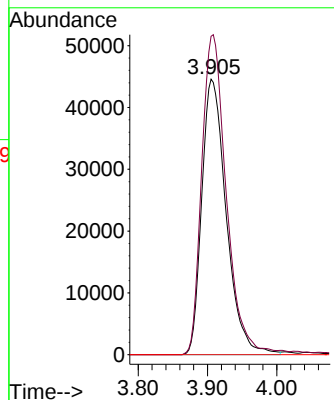


#22
 cis-1,2-Dichloroethene
 Concen: 5.494 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV029247.D
 Acq: 21 Nov 2022 00:58

Instrument :
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 ClientSampleId :

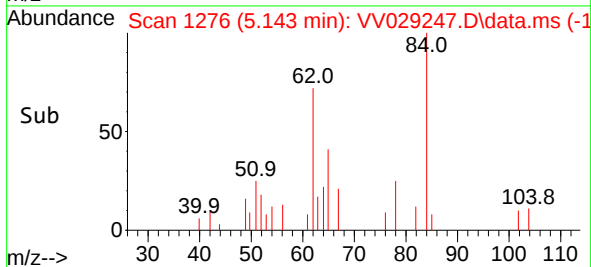
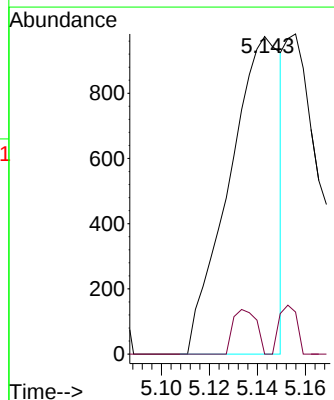
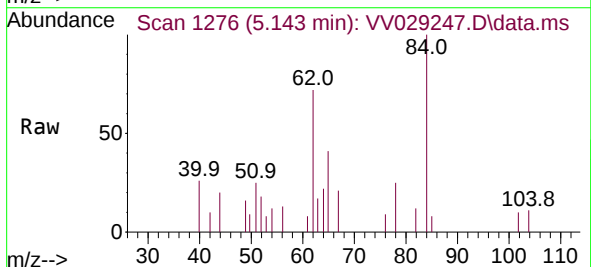


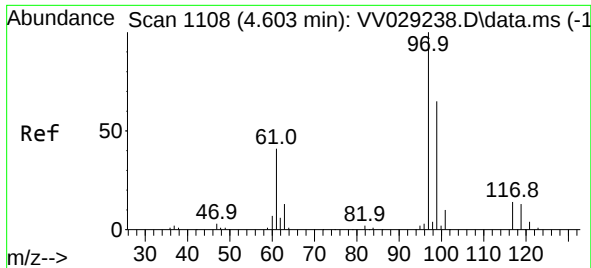
Tgt Ion: 96 Resp: 109245
 Ion Ratio Lower Upper
 96 100
 61 115.6 82.3 152.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.084 ug/L
 RT: 5.143 min Scan# 1276
 Delta R.T. 0.016 min
 Lab File: VV029247.D
 Acq: 21 Nov 2022 00:58

Tgt Ion: 62 Resp: 1446
 Ion Ratio Lower Upper
 62 100
 98 0.0 9.0 13.6#





#29

1,1,1-Trichloroethane

Concen: 1.199 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV029247.D

Acq: 21 Nov 2022 00:58

Instrument :

MSVOA_V

ClientSampleId :

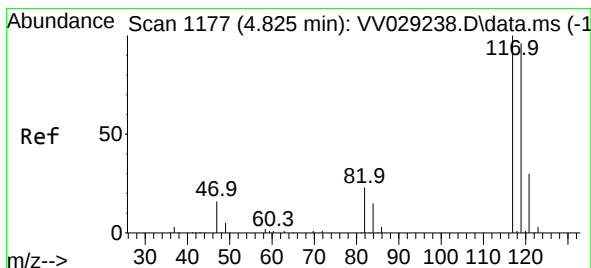
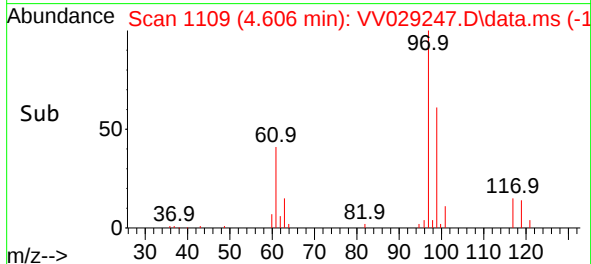
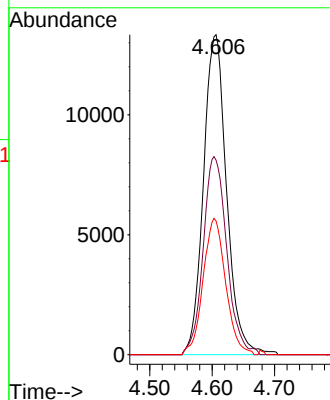
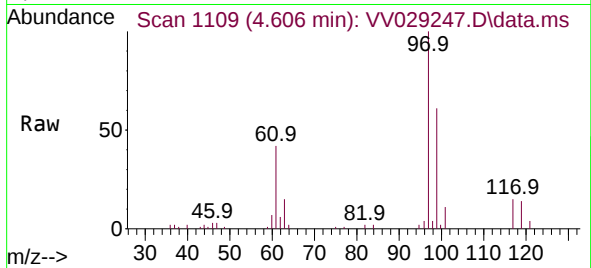
Tgt Ion: 97 Resp: 34478

Ion Ratio Lower Upper

97 100

99 62.6 52.7 79.1

61 41.5 33.8 50.6



#31

Carbon tetrachloride

Concen: 0.199 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.222 min

Lab File: VV029247.D

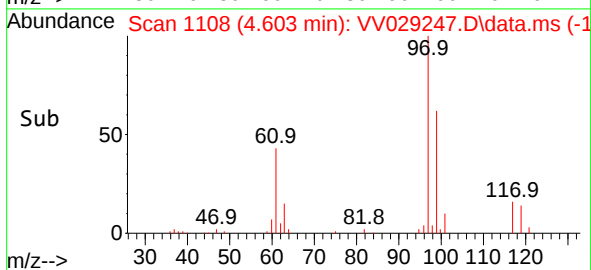
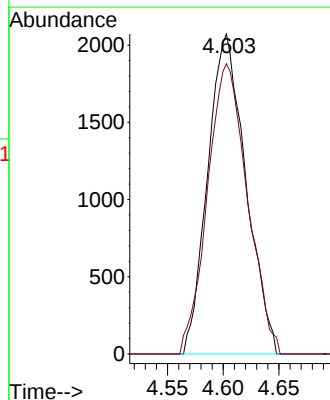
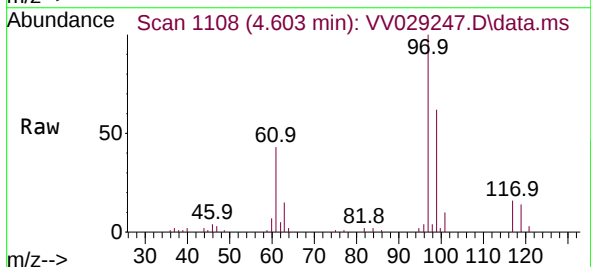
Acq: 21 Nov 2022 00:58

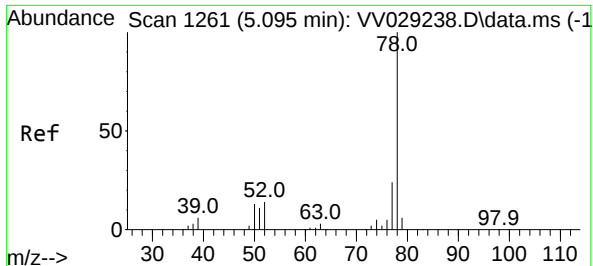
Tgt Ion: 117 Resp: 4923

Ion Ratio Lower Upper

117 100

119 94.8 77.0 115.6

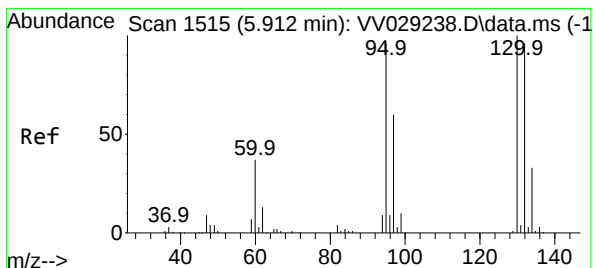
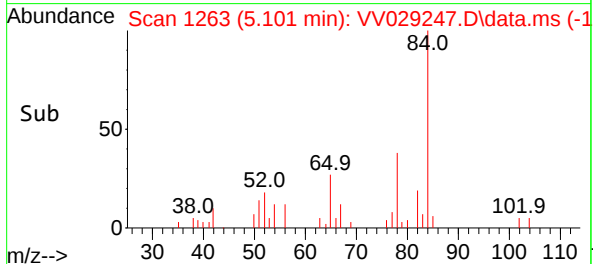
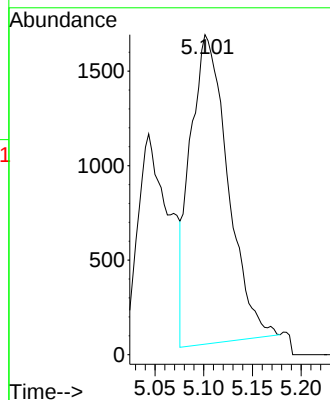
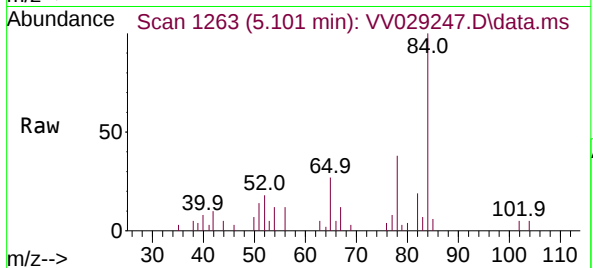




#33
Benzene
Concen: 0.058 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029247.D
Acq: 21 Nov 2022 00:58

Instrument :
MSVOA_V
ClientSampleId :

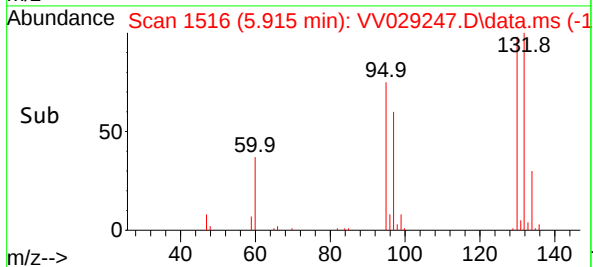
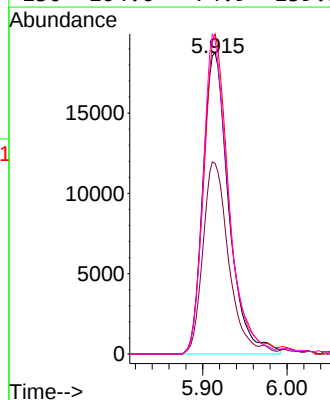
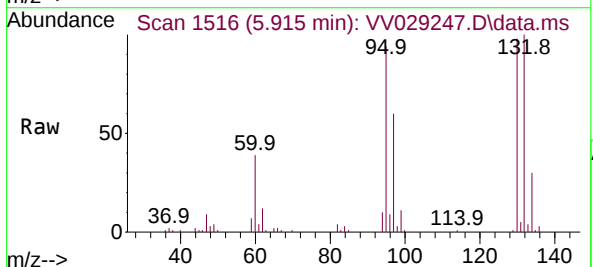
Tgt Ion: 78 Resp: 4376

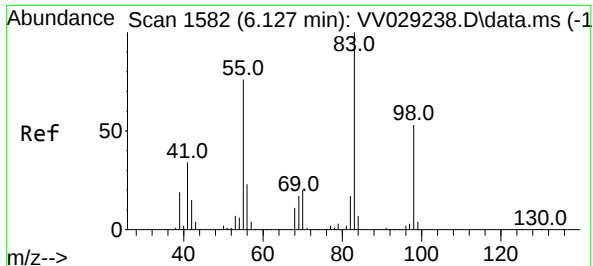


#34
Trichloroethene
Concen: 2.088 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV029247.D
Acq: 21 Nov 2022 00:58

Tgt Ion: 95 Resp: 40008

Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.6	84.8
132	106.2	69.1	128.3
130	104.0	74.9	139.1





#35

Methylcyclohexane

Concen: 0.742 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV029247.D

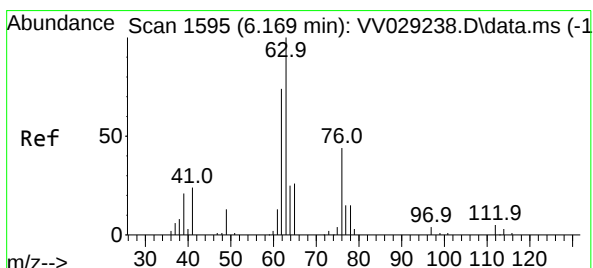
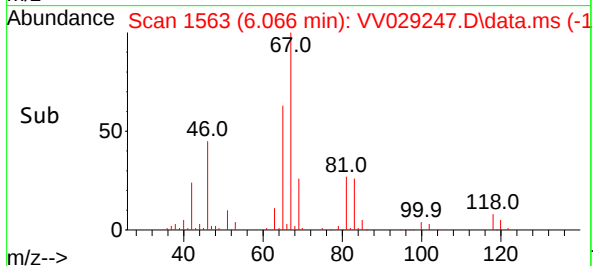
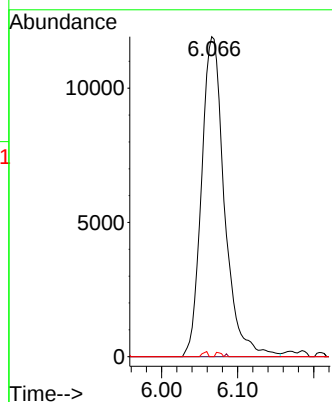
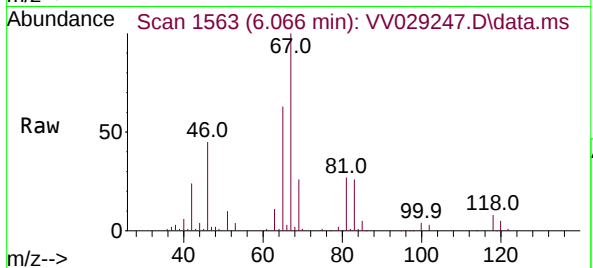
Acq: 21 Nov 2022 00:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	25000
Ion Ratio	Lower	Upper	
83	100		
55	0.1	55.8	83.6#
98	0.3	38.2	57.2#



#37

1,2-Dichloropropane

Concen: 0.625 ug/L

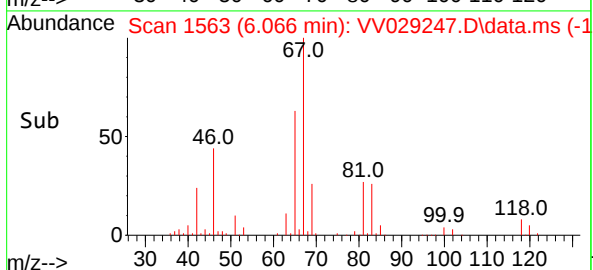
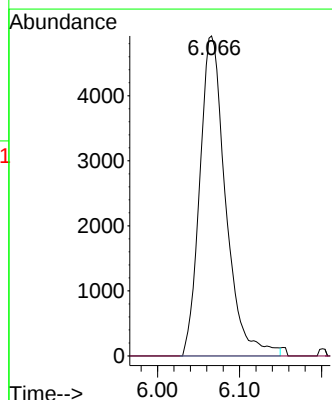
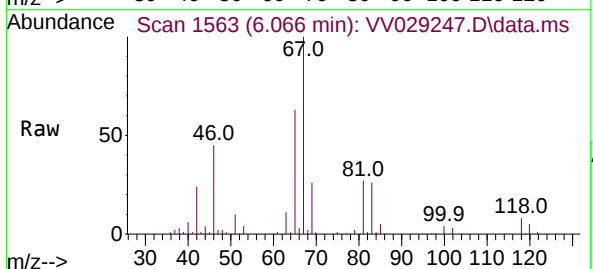
RT: 6.066 min Scan# 1563

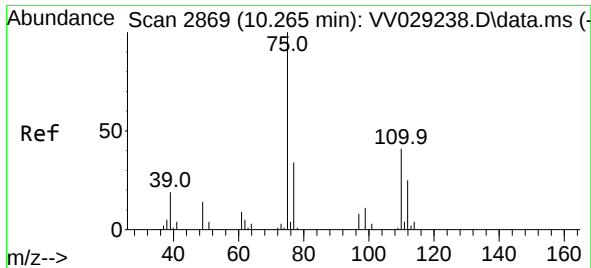
Delta R.T. -0.103 min

Lab File: VV029247.D

Acq: 21 Nov 2022 00:58

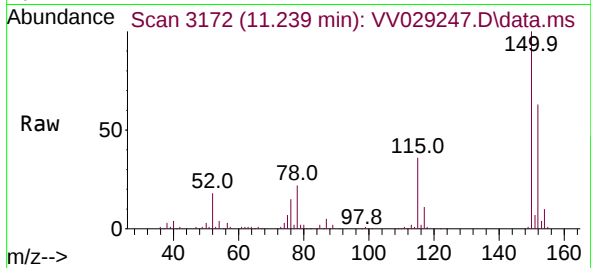
Tgt Ion:	63	Resp:	10789
Ion Ratio	Lower	Upper	
63	100		
112	0.0	4.0	6.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.565 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029247.D
 Acq: 21 Nov 2022 00:58

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 11480
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.2 39.2
 110 2.4 32.6 48.8#

