

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029150.D
 Acq On : 19 Nov 2022 04:53
 Operator : SY/MD
 Sample : N5666-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB26

Quant Time: Nov 19 06:05:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	288444	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	265664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	118510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66826	3.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.568	69	62619	4.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.105	63	99780	3.114	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	3.902	46	191022	64.893	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.780%
24) Chloroform-d	4.342	84	167388	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.030	65	82005	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.047	84	329696	4.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.066	67	106975	4.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.310	98	287447	4.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.622	79	32236	4.464	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.088	63	159866	51.860	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.720%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	85587	5.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	108934	5.138	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1162	0.058	ug/L #	77
5) Vinyl chloride	1.310	62	1638	0.072	ug/L #	1
8) Chloroethane	1.587	64	53771	4.020	ug/L #	80
12) 1,1-Dichloroethene	2.117	96	14458	0.828	ug/L #	1
16) Methylene chloride	2.506	84	5273	0.234	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	3195	0.085	ug/L #	88
19) 1,1-Dichloroethane	3.185	63	327728	9.899	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	36710	1.783	ug/L	92
25) Chloroform	4.368	83	3547	0.102	ug/L	92
27) 1,2-Dichloroethane	5.140	62	5156	0.288	ug/L	95
29) 1,1,1-Trichloroethane	4.606	97	61871	1.985	ug/L	98
31) Carbon tetrachloride	4.600	117	8283	0.309	ug/L	96
35) Methylcyclohexane	6.066	83	26242	0.718	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	10729	0.573	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2185	0.084	ug/L #	55
61) 1,2,3-Trichloropropane	11.239	75	13366	1.650	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.239	75	245	0.154	ug/L #	2

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

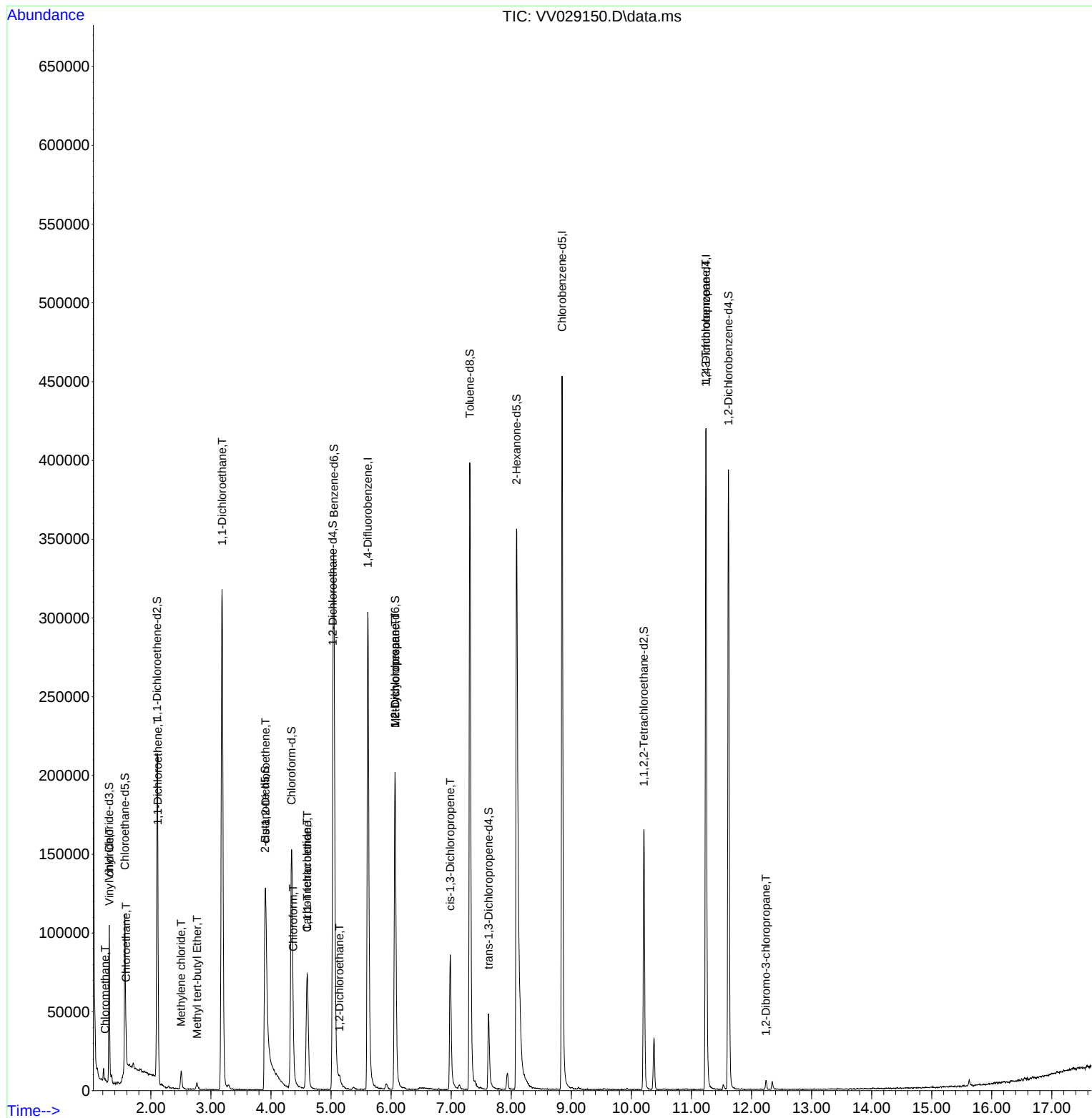
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

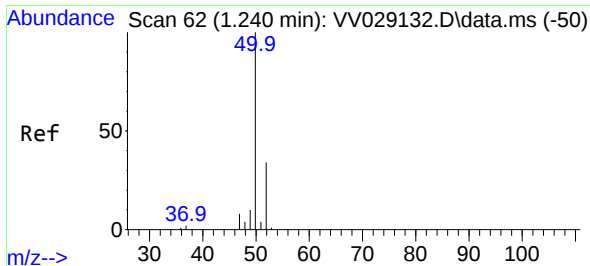
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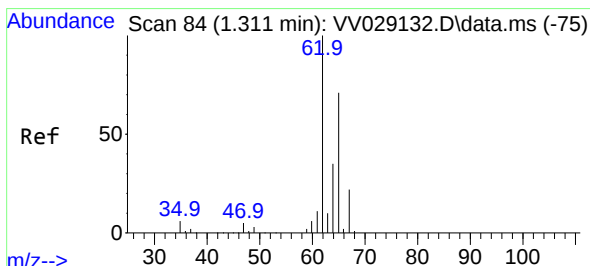
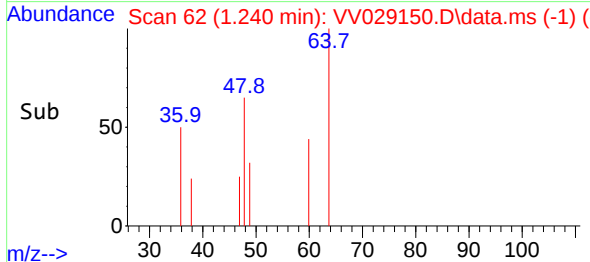
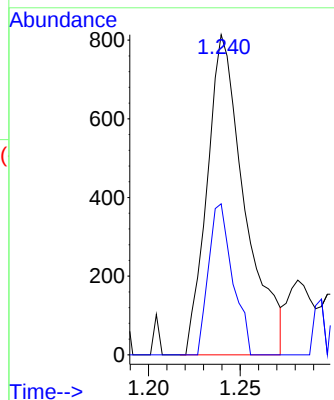
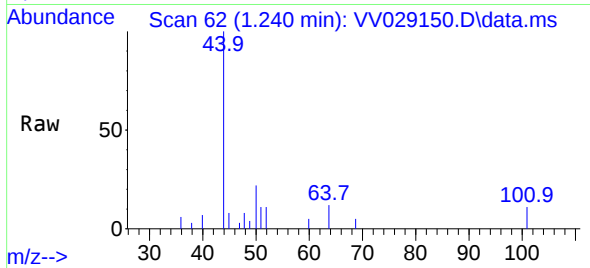




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029150.D
Acq: 19 Nov 2022 04:53

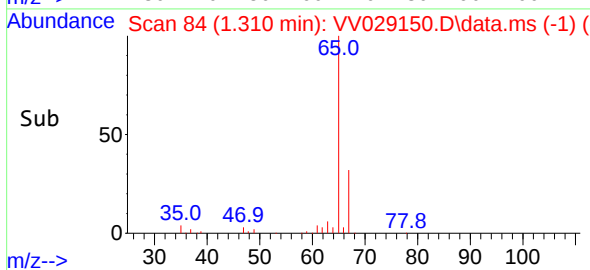
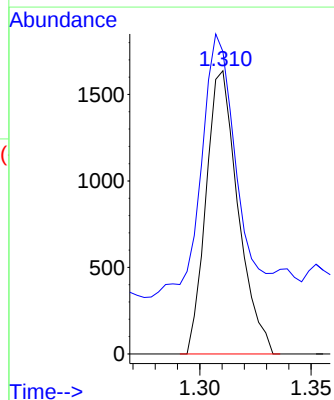
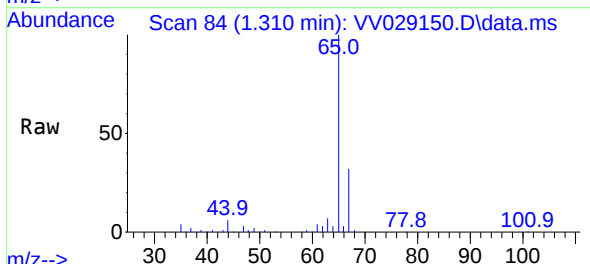
Instrument :
MSVOA_V
ClientSampleId :
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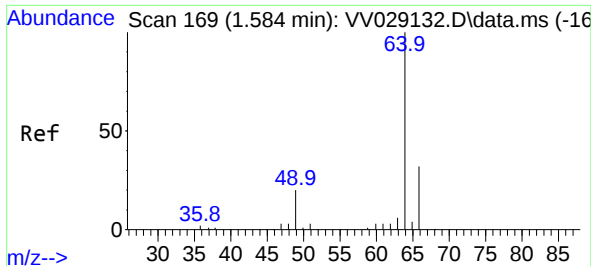
Tgt Ion: 50 Resp: 1162
Ion Ratio Lower Upper
50 100
52 47.2 23.7 43.9#



#5
Vinyl chloride
Concen: 0.072 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029150.D
Acq: 19 Nov 2022 04:53

Tgt Ion: 62 Resp: 1638
Ion Ratio Lower Upper
62 100
64 106.8 22.8 42.4#

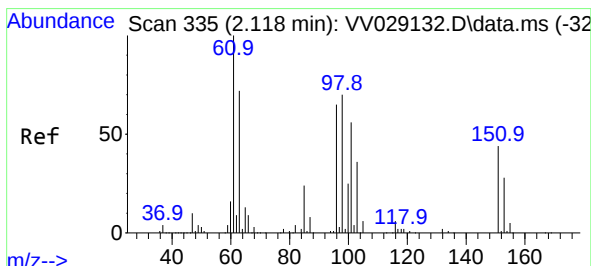
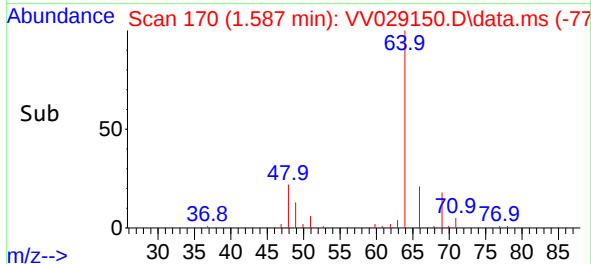
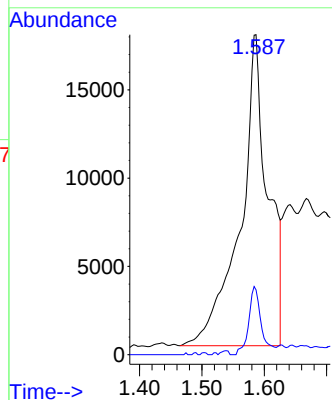
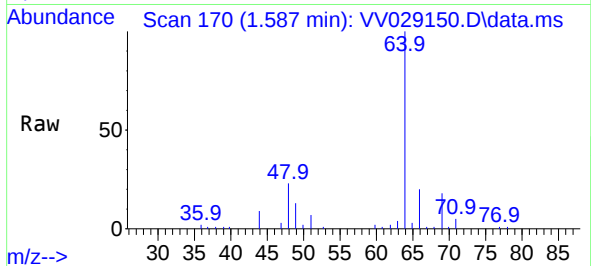




#8
Chloroethane
Concen: 4.020 ug/L
RT: 1.587 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV029150.D
Acq: 19 Nov 2022 04:53

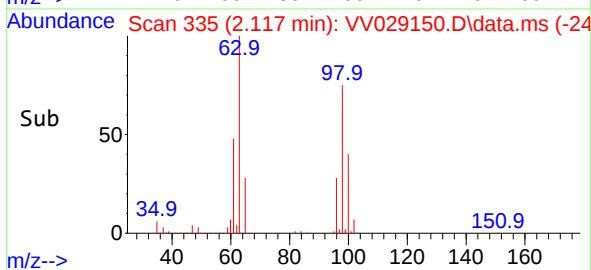
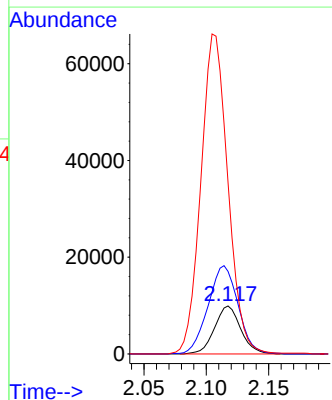
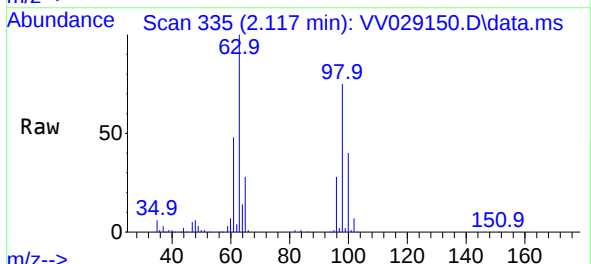
Instrument :
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ClientSampleId :
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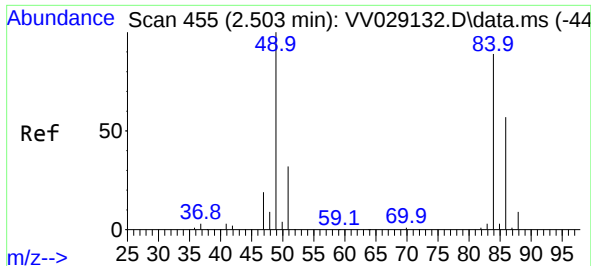
Tgt Ion: 64 Resp: 53771
Ion Ratio Lower Upper
64 100
66 20.2 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.828 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV029150.D
Acq: 19 Nov 2022 04:53

Tgt Ion: 96 Resp: 14458
Ion Ratio Lower Upper
96 100
61 172.3 104.2 193.4
63 357.5 75.9 140.9#

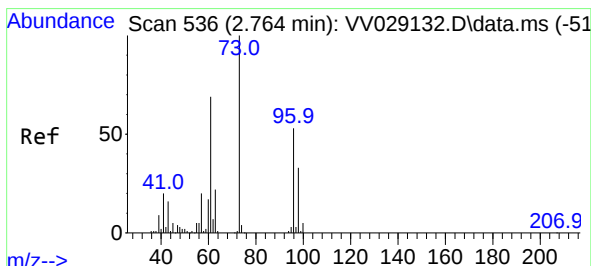
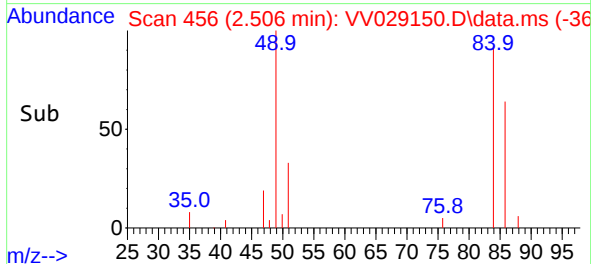
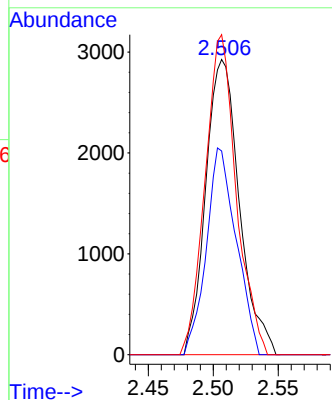
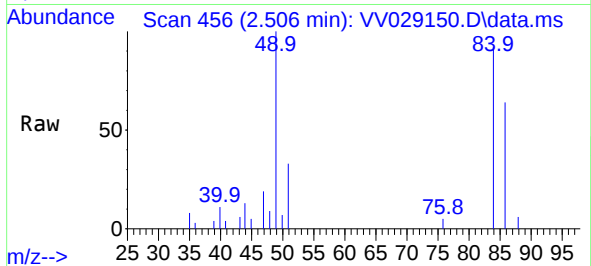




#16
Methylene chloride
Concen: 0.234 ug/L
RT: 2.506 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029150.D
Acq: 19 Nov 2022 04:53

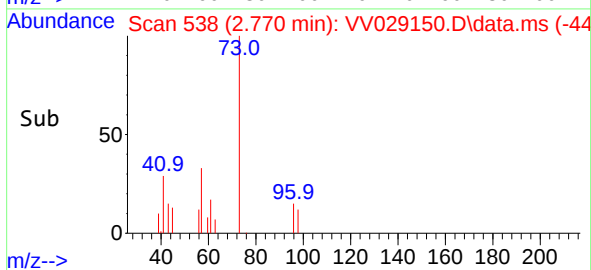
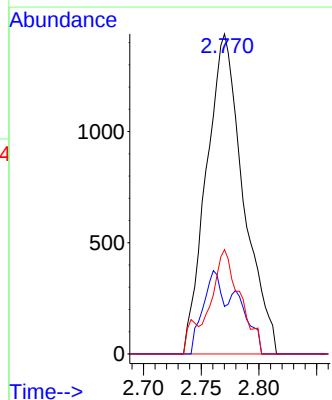
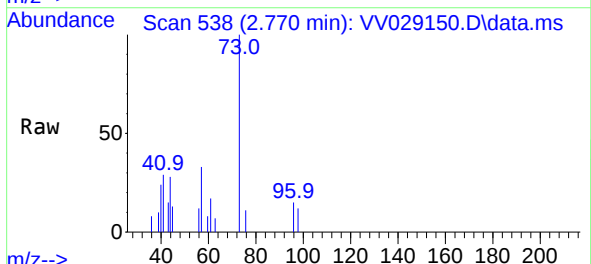
Instrument :
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ClientSampleId :
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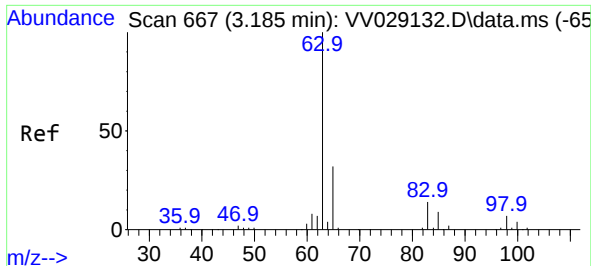
Tgt Ion: 84 Resp: 5273
Ion Ratio Lower Upper
84 100
86 69.0 45.8 85.0
49 108.4 75.5 140.1



#17
Methyl tert-butyl Ether
Concen: 0.085 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV029150.D
Acq: 19 Nov 2022 04:53

Tgt Ion: 73 Resp: 3195
Ion Ratio Lower Upper
73 100
43 9.2 13.0 19.4#
57 24.9 16.6 24.8#

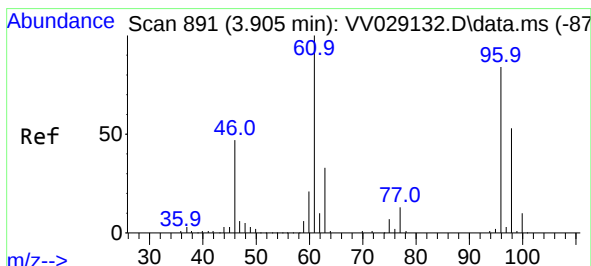
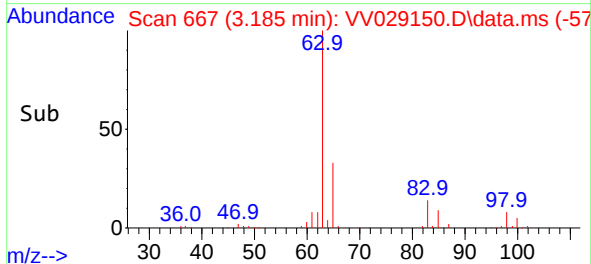
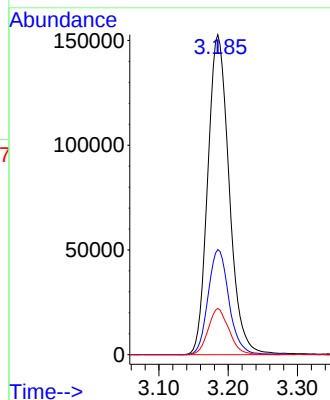
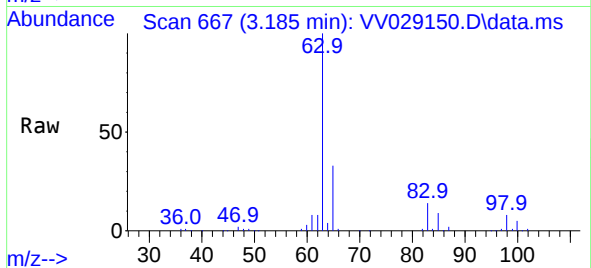




#19
1,1-Dichloroethane
Concen: 9.899 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV029150.D
Acq: 19 Nov 2022 04:53

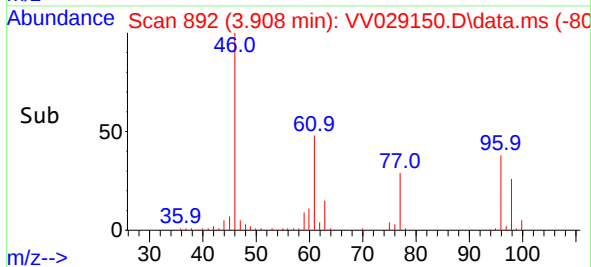
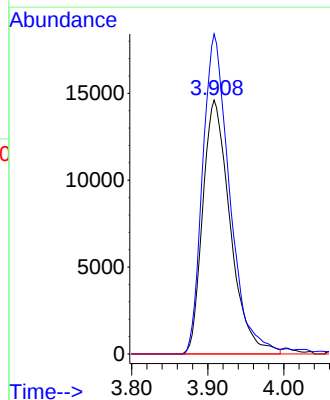
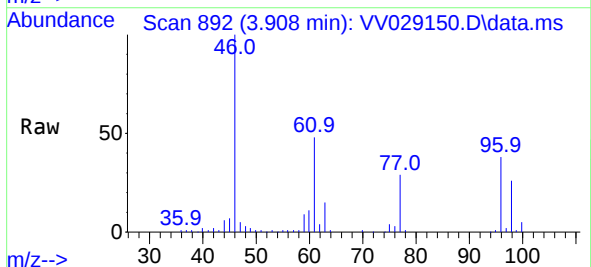
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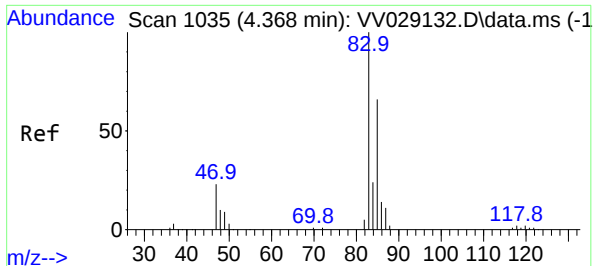
Tgt Ion: 63 Resp: 327728
Ion Ratio Lower Upper
63 100
65 32.9 23.0 42.6
83 14.4 9.4 17.6



#22
cis-1,2-Dichloroethene
Concen: 1.783 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV029150.D
Acq: 19 Nov 2022 04:53

Tgt Ion: 96 Resp: 36710
Ion Ratio Lower Upper
96 100
61 126.1 82.3 152.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.102 ug/L

RT: 4.368 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV029150.D

Acq: 19 Nov 2022 04:53

Instrument :

MSVOA_V

ClientSampleId :

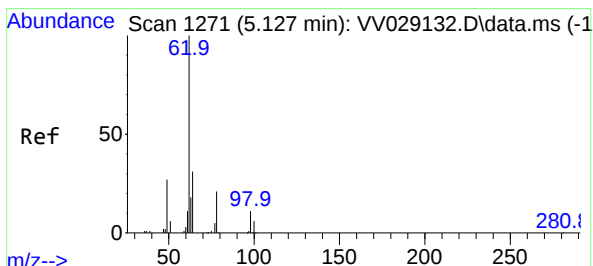
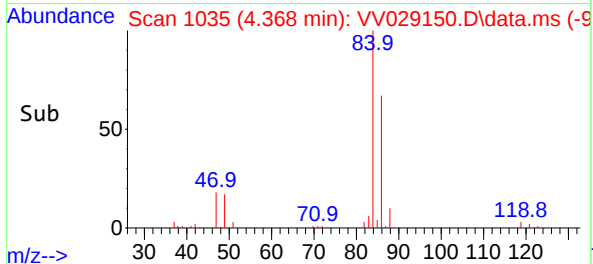
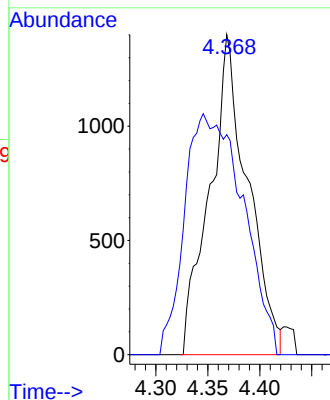
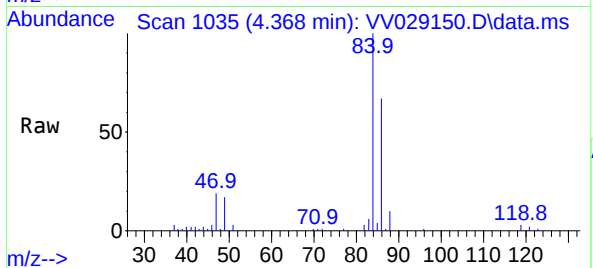
BHB26

Tgt Ion: 83 Resp: 3547

Ion Ratio Lower Upper

83 100

85 68.7 43.7 81.1



#27

1,2-Dichloroethane

Concen: 0.288 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.006 min

Lab File: VV029150.D

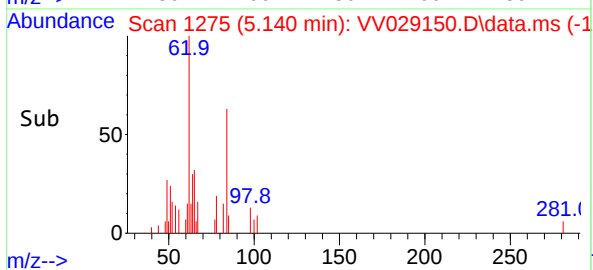
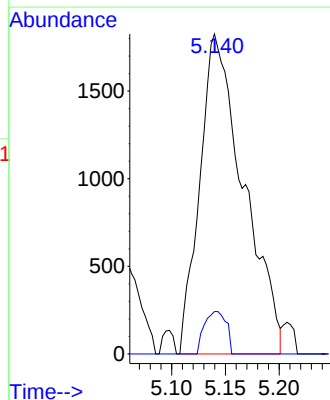
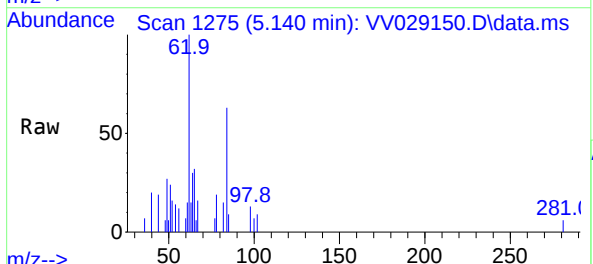
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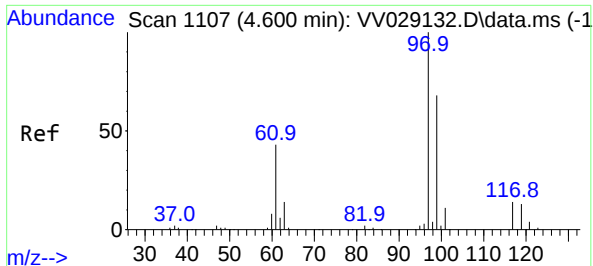
Tgt Ion: 62 Resp: 5156

Ion Ratio Lower Upper

62 100

98 13.3 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 1.985 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. -0.000 min

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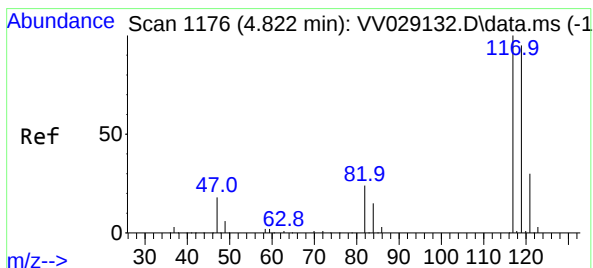
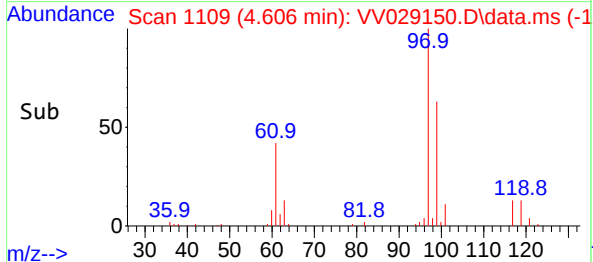
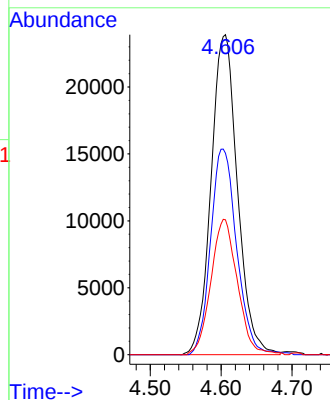
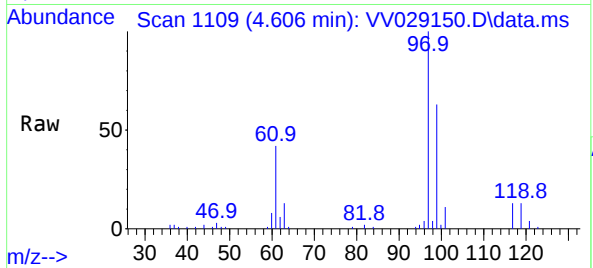
Tgt Ion: 97 Resp: 61871

Ion Ratio Lower Upper

97 100

99 63.8 52.7 79.1

61 42.6 33.8 50.6



#31

Carbon tetrachloride

Concen: 0.309 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.228 min

Lab File: VV029150.D

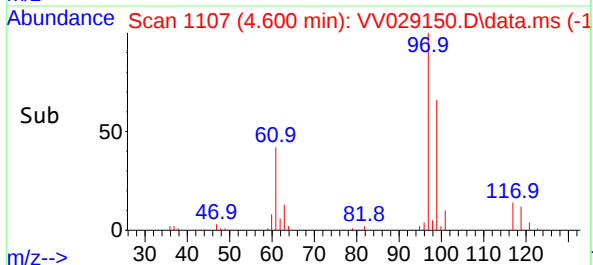
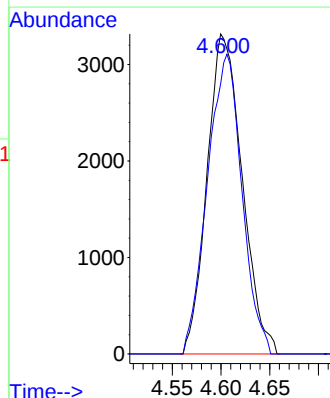
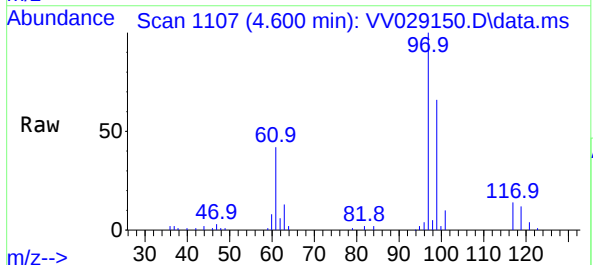
Acq: 19 Nov 2022 04:53

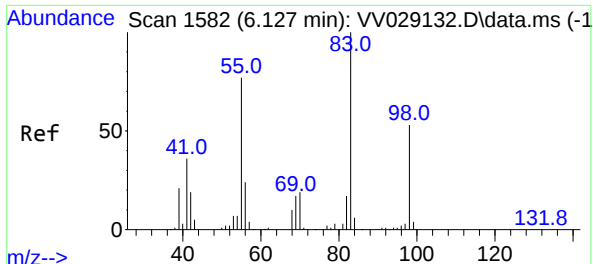
Tgt Ion: 117 Resp: 8283

Ion Ratio Lower Upper

117 100

119 92.1 77.0 115.6





#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

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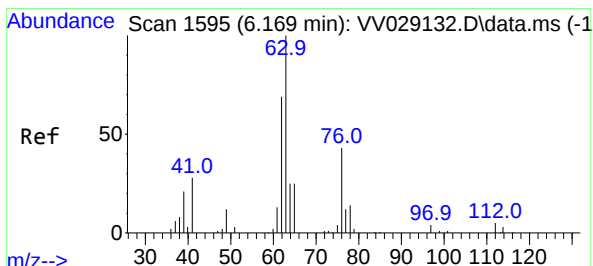
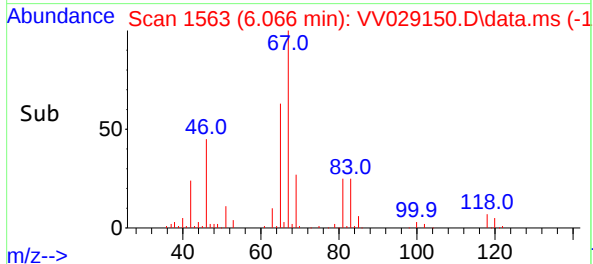
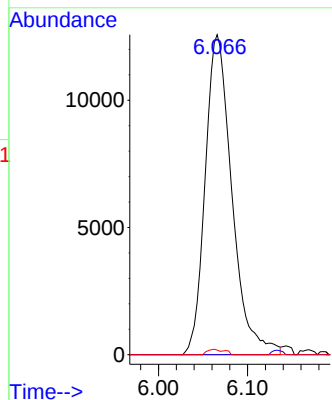
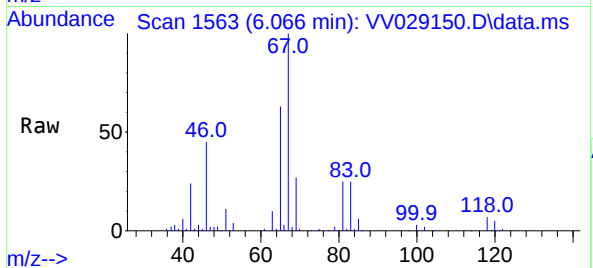
Tgt Ion: 83 Resp: 26242

Ion Ratio Lower Upper

83 100

55 0.5 55.8 83.6#

98 1.1 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.573 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV029150.D

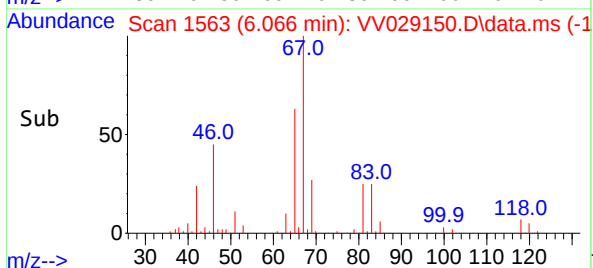
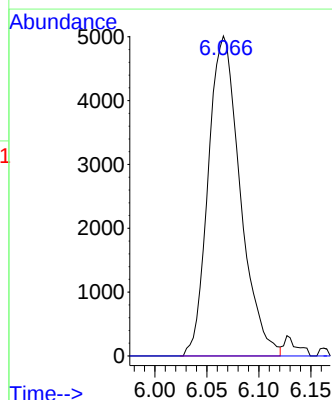
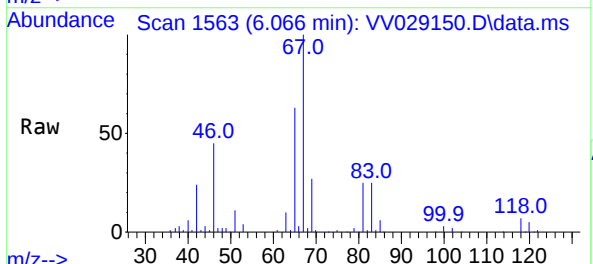
Acq: 19 Nov 2022 04:53

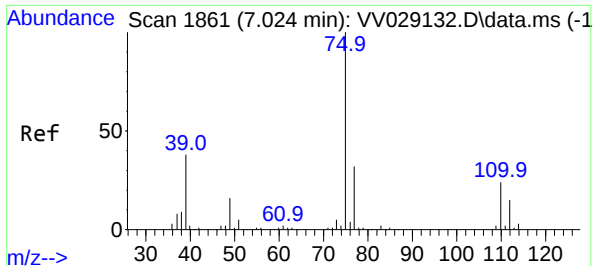
Tgt Ion: 63 Resp: 10729

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

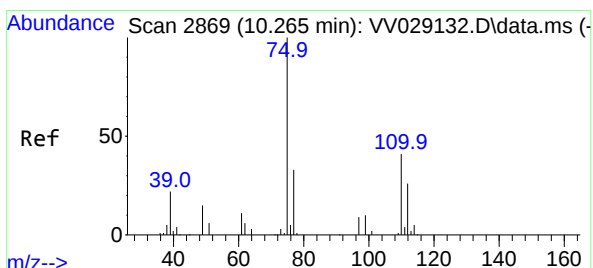
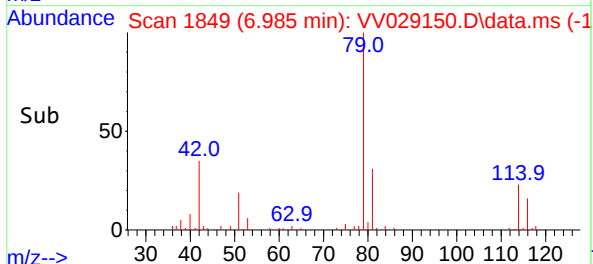
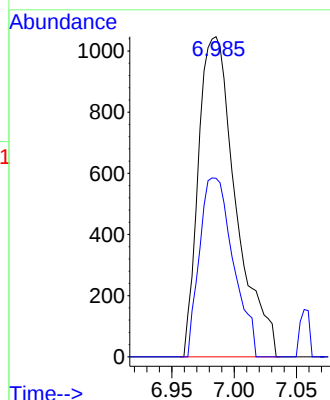
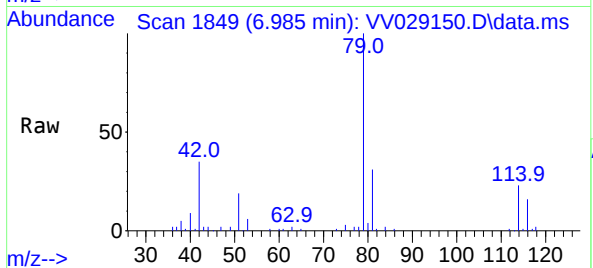




#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 6.985 min Scan# 11
 Delta R.T. -0.042 min
 Lab File: VV029150.D
 Acq: 19 Nov 2022 04:53

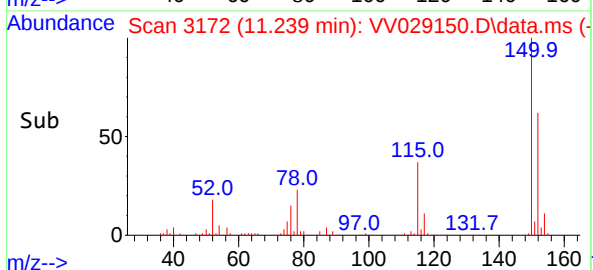
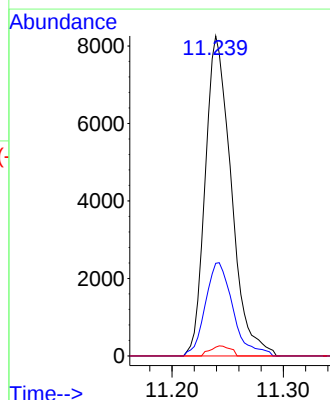
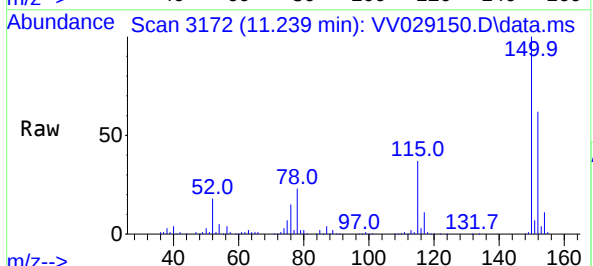
Instrument :
 MSVOA_V
 ClientSampleId :
 BHB26

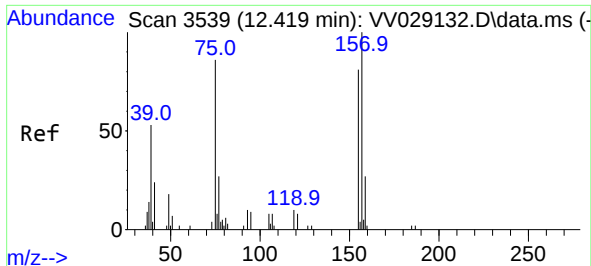
Tgt Ion: 75 Resp: 2185
 Ion Ratio Lower Upper
 75 100
 77 55.8 21.8 40.6#



#61
 1,2,3-Trichloropropane
 Concen: 1.650 ug/L
 RT: 11.239 min Scan# 3172
 Delta R.T. 0.971 min
 Lab File: VV029150.D
 Acq: 19 Nov 2022 04:53

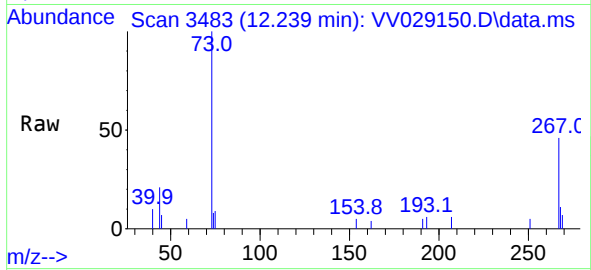
Tgt Ion: 75 Resp: 13366
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.2 39.2
 110 2.5 32.6 48.8#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.154 ug/L
 RT: 12.239 min Scan# 34
 Delta R.T. -0.180 min
 Lab File: VV029150.D
 Acq: 19 Nov 2022 04:53

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB26



Tgt Ion:	75	Resp:	245
Ion Ratio	Lower	Upper	
75	100		
155	0.0	64.8	97.2#
157	0.0	86.3	129.5#

