

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
 Data File : VV029151.D
 Acq On : 19 Nov 2022 05:17
 Operator : SY/MD
 Sample : N5666-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 06:05:52 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	287346	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	267570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	120846	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66104	3.773	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.400%	
7) Chloroethane-d5	1.568	69	61139	3.970	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.108	63	120164	3.764	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	3.889	46	149024	50.819	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.640%	
24) Chloroform-d	4.342	84	165979	4.615	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	5.030	65	79139	4.891	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.047	84	331349	4.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
36) 1,2-Dichloropropane-d6	6.063	67	106082	4.757	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.310	98	281301	3.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.200%	
43) trans-1,3-Dichloroprop...	7.622	79	32730	4.500	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.088	63	161976	52.171	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.340%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	83601	5.407	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	110633	5.117	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	37576	1.657	ug/L	95
8) Chloroethane	1.484	64	39449	2.961	ug/L #	54
12) 1,1-Dichloroethene	2.117	96	54471	3.131	ug/L	83
17) Methyl tert-butyl Ether	2.767	73	7499	0.201	ug/L #	83
18) trans-1,2-Dichloroethene	2.764	96	1797	0.089	ug/L	89
19) 1,1-Dichloroethane	3.185	63	424247	12.863	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	642959	31.348	ug/L	96
25) Chloroform	4.368	83	4662	0.135	ug/L	80
27) 1,2-Dichloroethane	5.133	62	13847	0.778	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	206527	6.578	ug/L	99
31) Carbon tetrachloride	4.603	117	27545	1.019	ug/L	98
33) Benzene	5.101	78	27873	0.341	ug/L	100
34) Trichloroethene	5.908	95	240949	11.511	ug/L	97
35) Methylcyclohexane	6.066	83	26478	0.720	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11580	0.614	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	13463	1.630	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.358	75	749	0.461	ug/L #	2

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ClientSampleId :

Quant Time: Nov 19 06:05:52 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

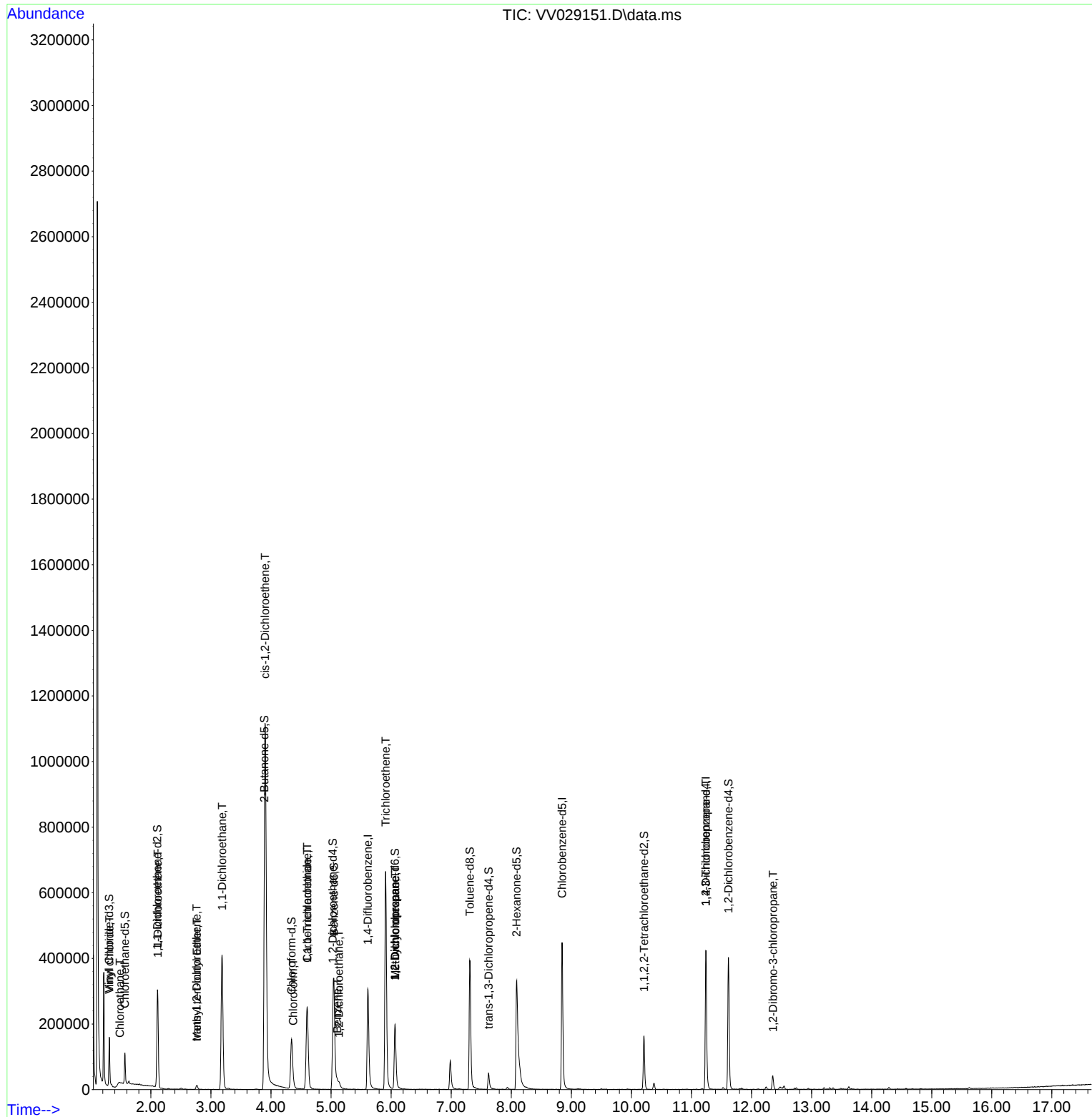
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

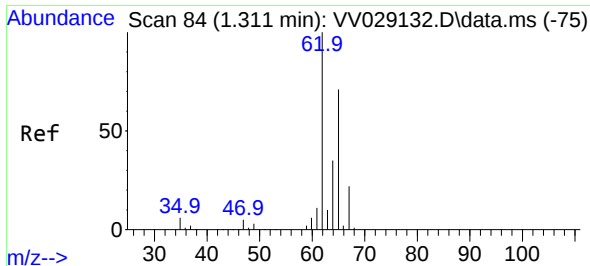
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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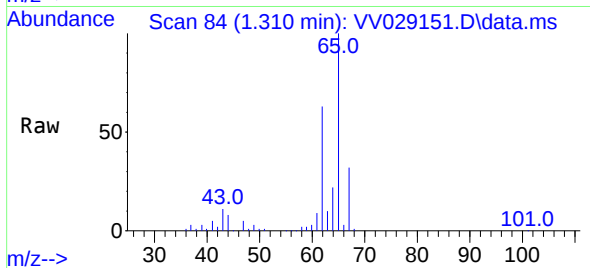
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
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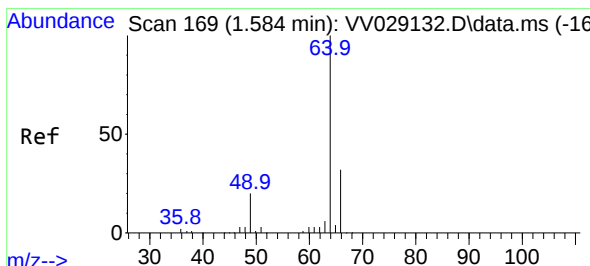
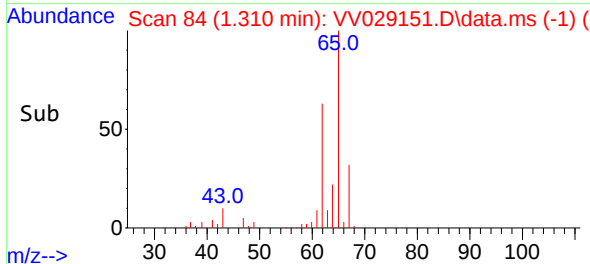
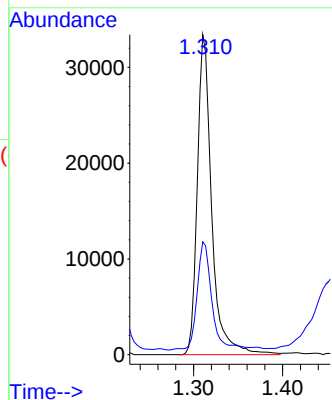


#5
 Vinyl chloride
 Concen: 1.657 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029151.D
 Acq: 19 Nov 2022 05:17

Instrument :
 MSVOA_V
 ClientSampleId :

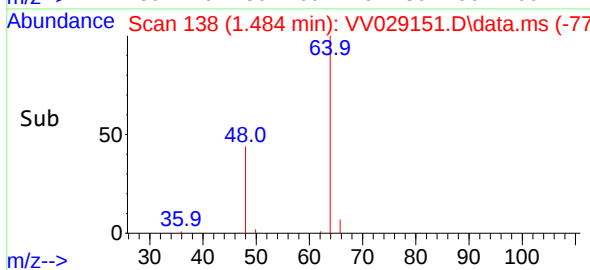
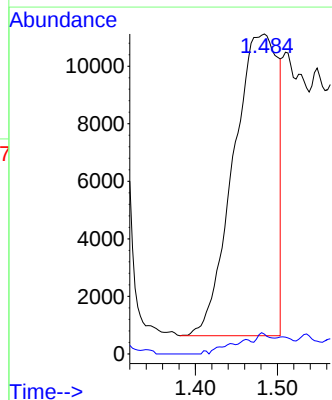
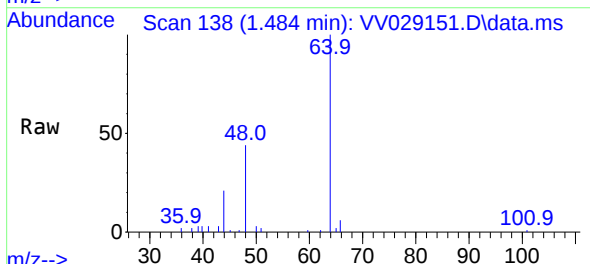


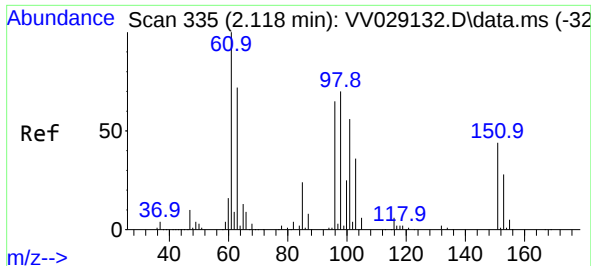
Tgt Ion: 62 Resp: 37576
 Ion Ratio Lower Upper
 62 100
 64 35.3 22.8 42.4



#8
 Chloroethane
 Concen: 2.961 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.103 min
 Lab File: VV029151.D
 Acq: 19 Nov 2022 05:17

Tgt Ion: 64 Resp: 39449
 Ion Ratio Lower Upper
 64 100
 66 6.2 22.0 40.8#

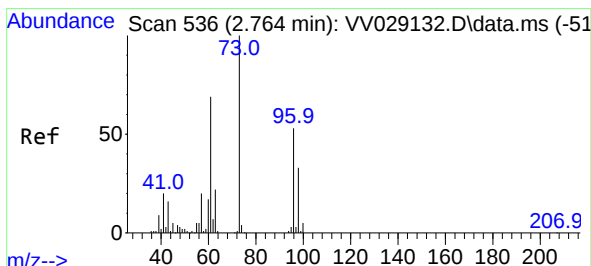
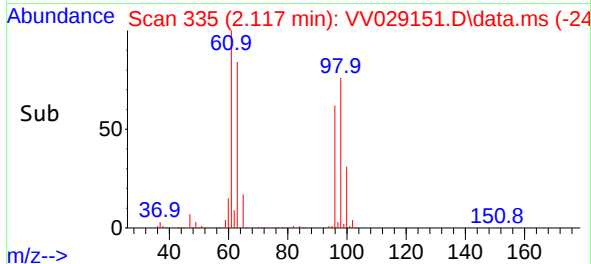
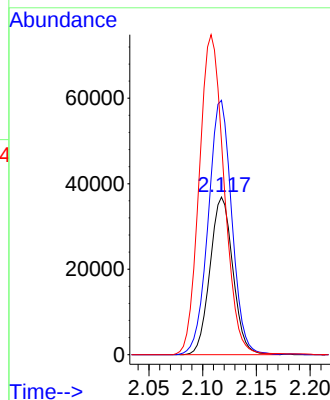
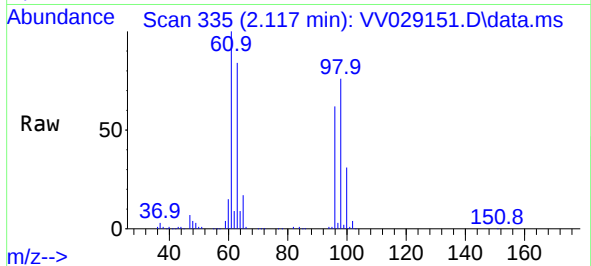




#12
1,1-Dichloroethene
Concen: 3.131 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV029151.D
Acq: 19 Nov 2022 05:17

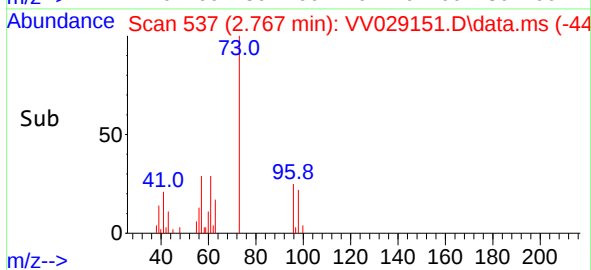
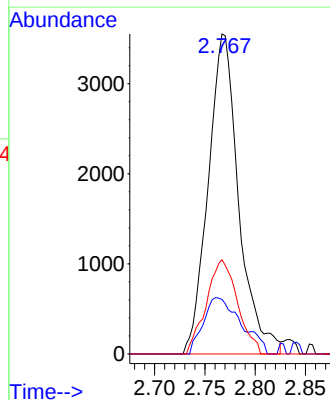
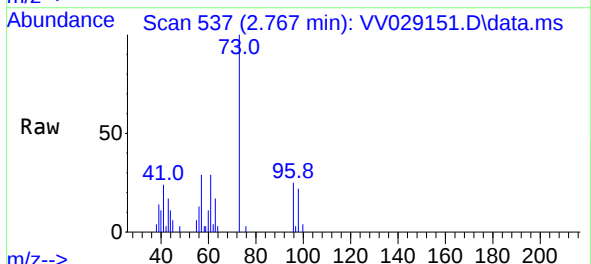
Instrument :
MSVOA_V
ClientSampleId :

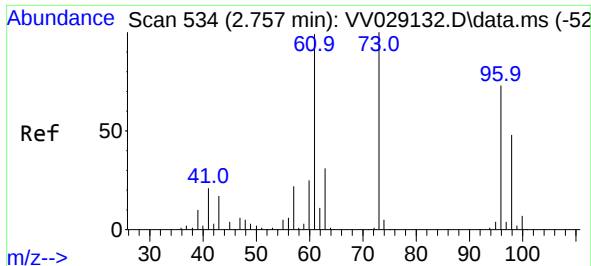
Tgt Ion: 96 Resp: 54471
Ion Ratio Lower Upper
96 100
61 161.4 104.2 193.4
63 135.5 75.9 140.9



#17
Methyl tert-butyl Ether
Concen: 0.201 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV029151.D
Acq: 19 Nov 2022 05:17

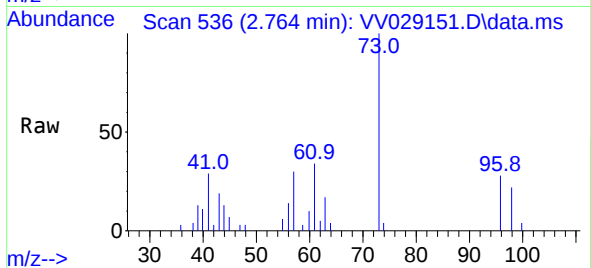
Tgt Ion: 73 Resp: 7499
Ion Ratio Lower Upper
73 100
43 21.7 13.0 19.4#
57 30.1 16.6 24.8#



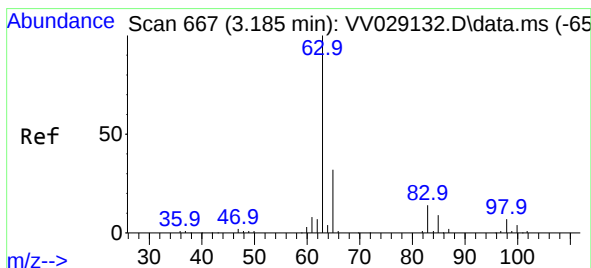
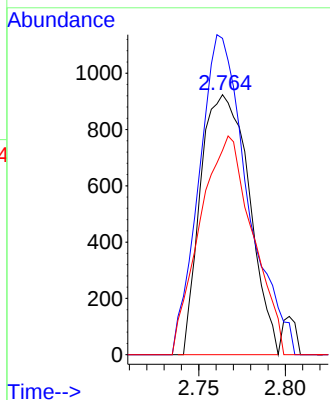
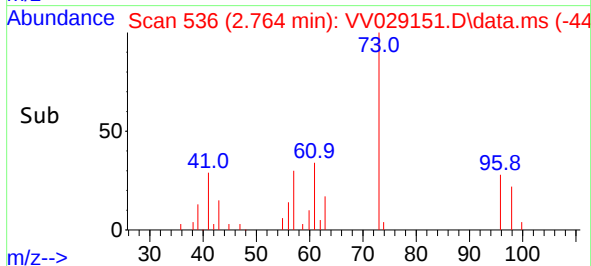


#18
trans-1,2-Dichloroethene
Concen: 0.089 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029151.D
Acq: 19 Nov 2022 05:17

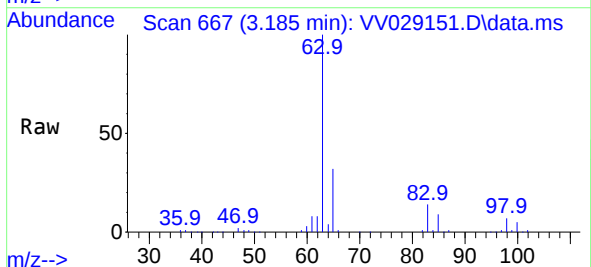
Instrument :
MSVOA_V
ClientSampleId :



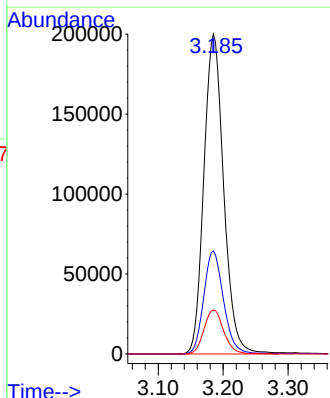
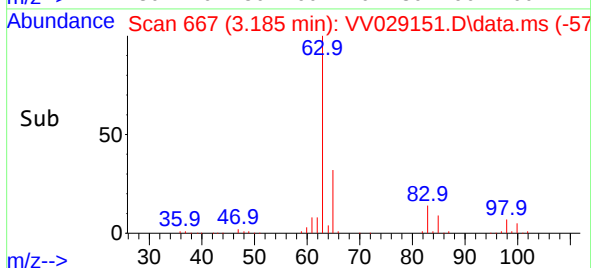
Tgt Ion: 96 Resp: 1797
Ion Ratio Lower Upper
96 100
61 121.6 91.8 170.6
98 78.6 46.4 86.2

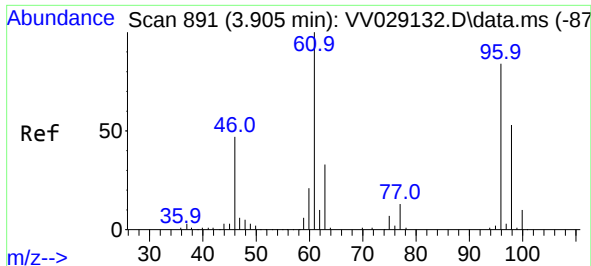


#19
1,1-Dichloroethane
Concen: 12.863 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV029151.D
Acq: 19 Nov 2022 05:17



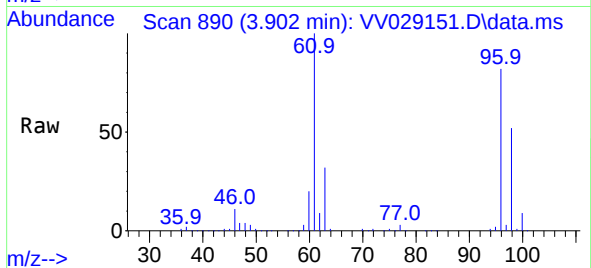
Tgt Ion: 63 Resp: 424247
Ion Ratio Lower Upper
63 100
65 32.2 23.0 42.6
83 13.8 9.4 17.6





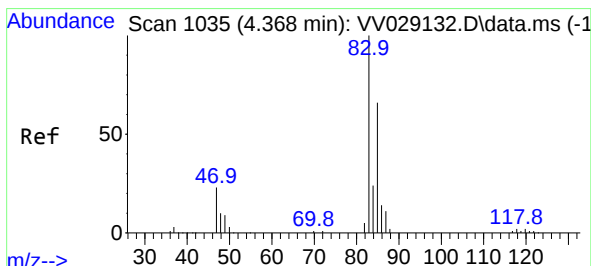
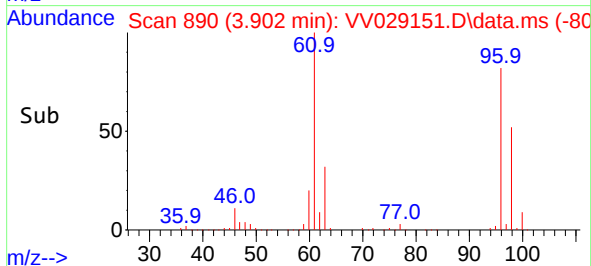
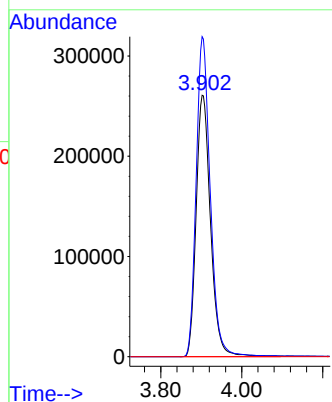
#22
 cis-1,2-Dichloroethene
 Concen: 31.348 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.010 min
 Lab File: VV029151.D
 Acq: 19 Nov 2022 05:17

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 642959

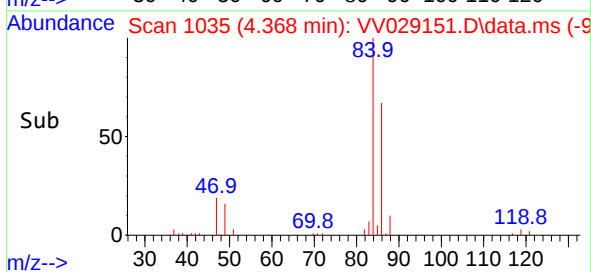
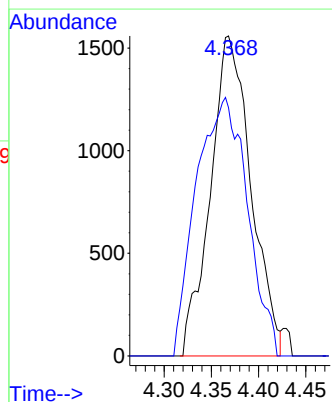
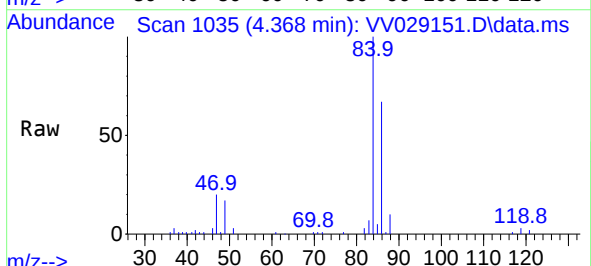
Ion	Ratio	Lower	Upper
96	100		
61	122.4	82.3	152.9
68	0.0	0.0	0.0

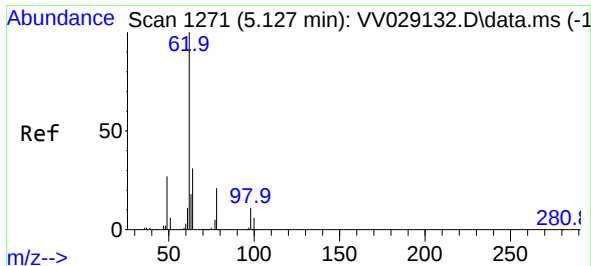


#25
 Chloroform
 Concen: 0.135 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. -0.007 min
 Lab File: VV029151.D
 Acq: 19 Nov 2022 05:17

Tgt Ion: 83 Resp: 4662

Ion	Ratio	Lower	Upper
83	100		
85	77.6	43.7	81.1

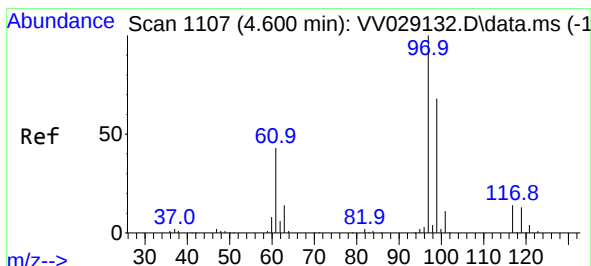
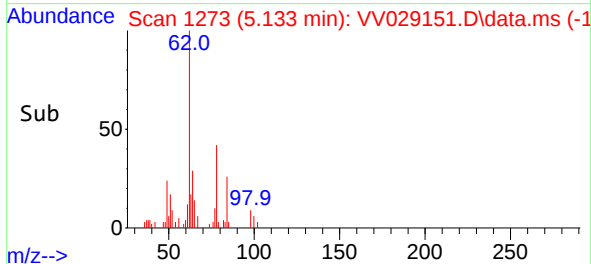
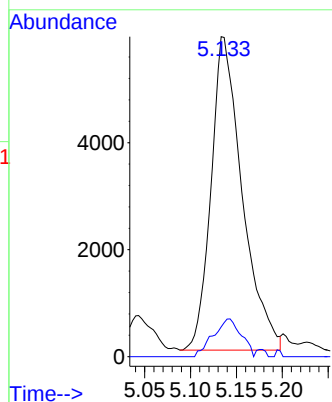
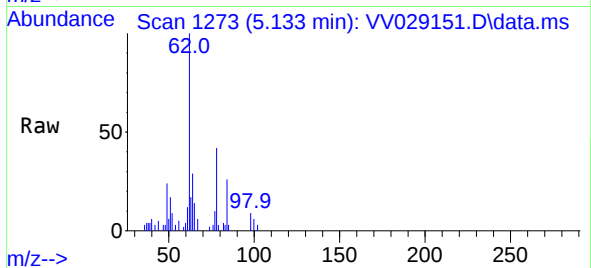




#27
1,2-Dichloroethane
Concen: 0.778 ug/L
RT: 5.133 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV029151.D
Acq: 19 Nov 2022 05:17

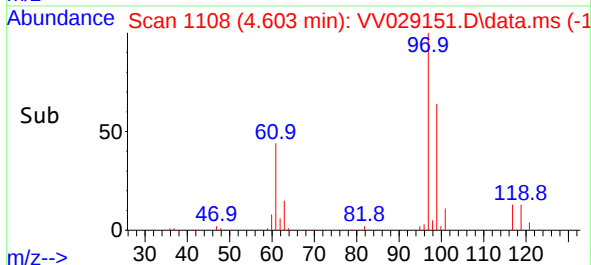
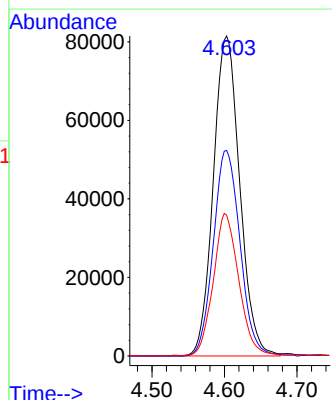
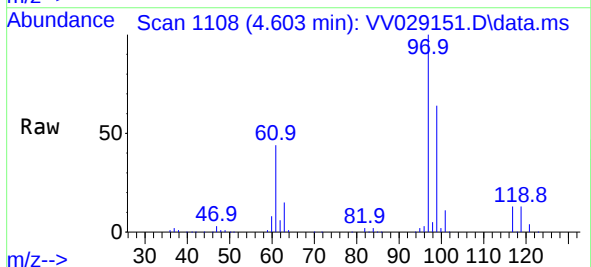
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MSVOA_V
ClientSampleId :

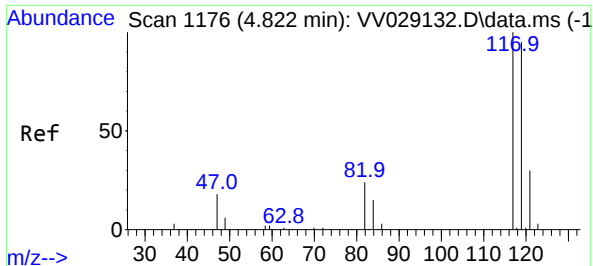
Tgt Ion: 62 Resp: 13847
Ion Ratio Lower Upper
62 100
98 9.3 9.0 13.6



#29
1,1,1-Trichloroethane
Concen: 6.578 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VV029151.D
Acq: 19 Nov 2022 05:17

Tgt Ion: 97 Resp: 206527
Ion Ratio Lower Upper
97 100
99 65.0 52.7 79.1
61 42.6 33.8 50.6

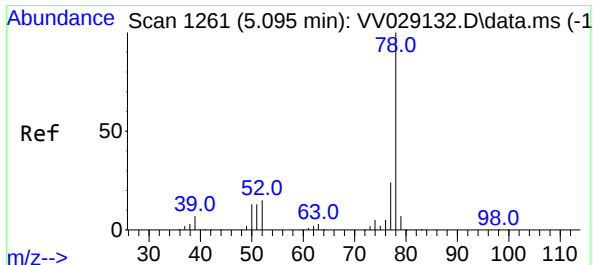
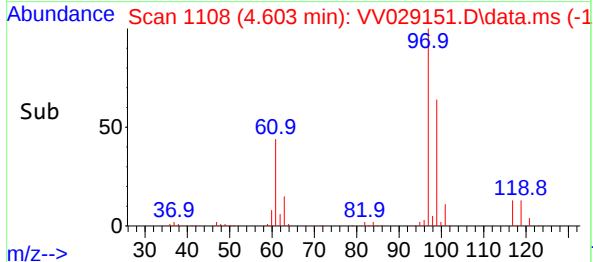
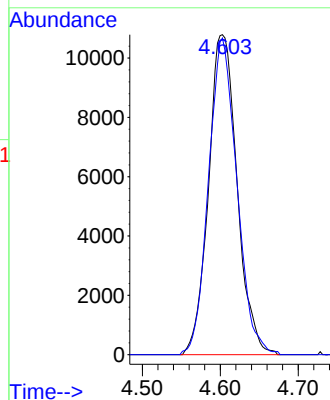
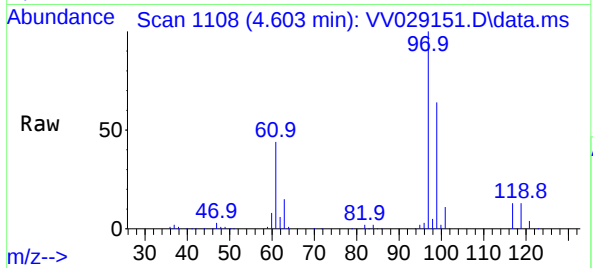




#31
Carbon tetrachloride
Concen: 1.019 ug/L
RT: 4.603 min Scan# 1176
Delta R.T. -0.225 min
Lab File: VV029151.D
Acq: 19 Nov 2022 05:17

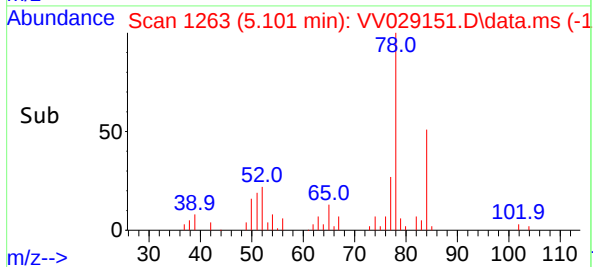
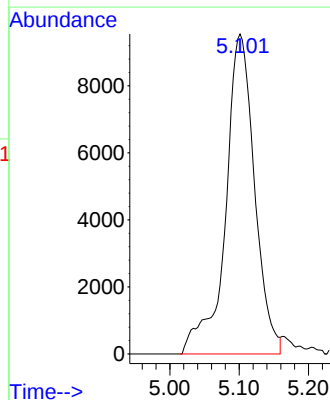
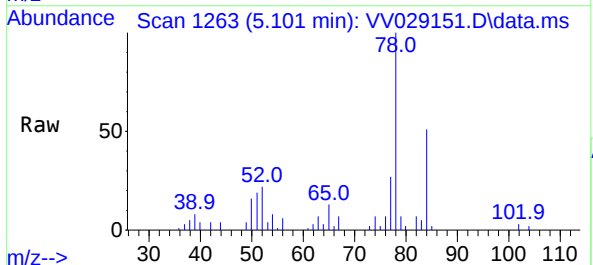
Instrument :
MSVOA_V
ClientSampleId :

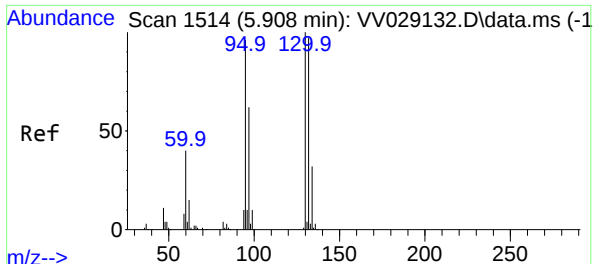
Tgt Ion:117 Resp: 27545
Ion Ratio Lower Upper
117 100
119 97.8 77.0 115.6



#33
Benzene
Concen: 0.341 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV029151.D
Acq: 19 Nov 2022 05:17

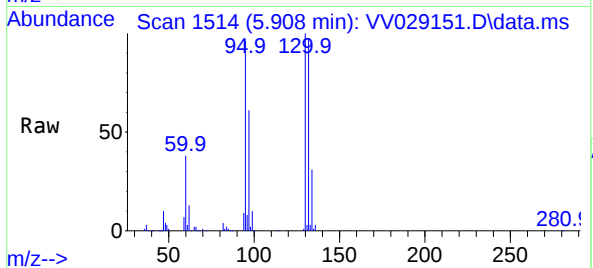
Tgt Ion: 78 Resp: 27873





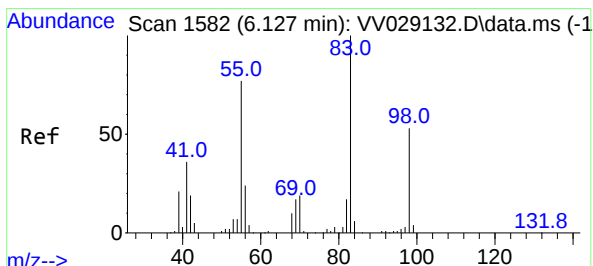
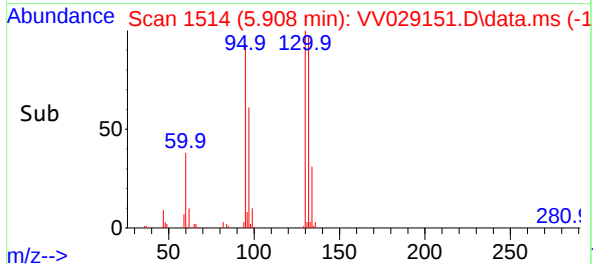
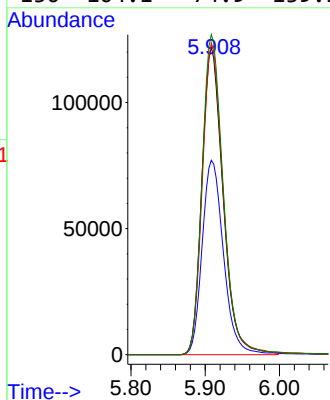
#34
Trichloroethene
Concen: 11.511 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV029151.D
Acq: 19 Nov 2022 05:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 240949

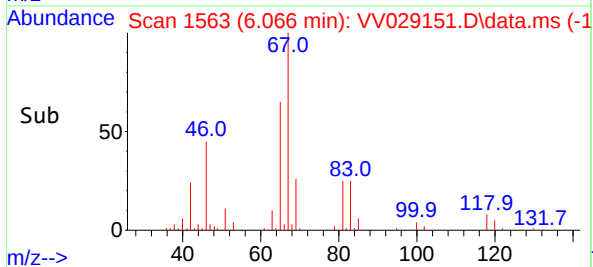
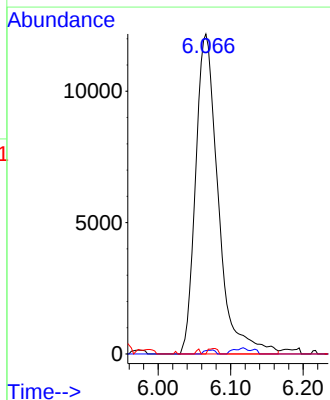
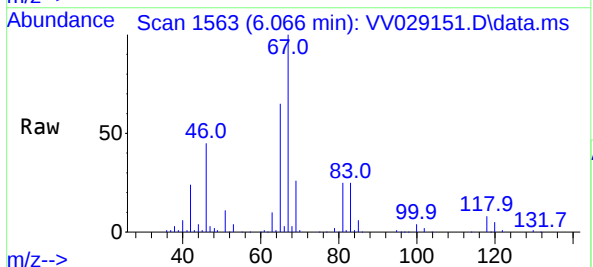
Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.6	84.8
132	101.4	69.1	128.3
130	104.1	74.9	139.1

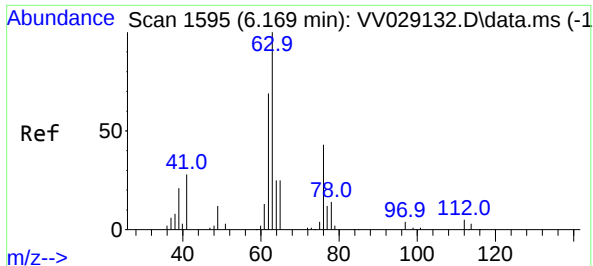


#35
Methylcyclohexane
Concen: 0.720 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029151.D
Acq: 19 Nov 2022 05:17

Tgt Ion: 83 Resp: 26478

Ion	Ratio	Lower	Upper
83	100		
55	0.6	55.8	83.6#
98	0.7	38.2	57.2#

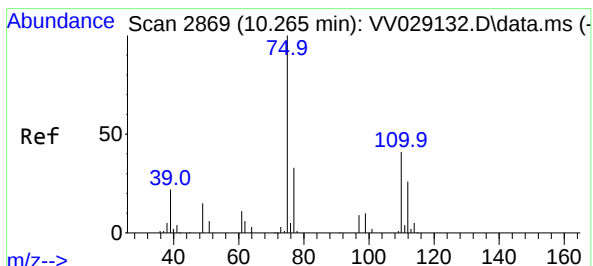
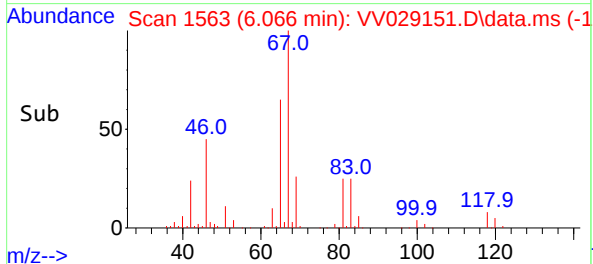
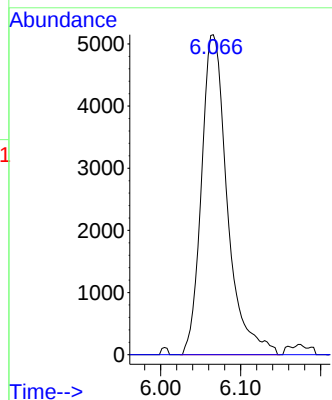
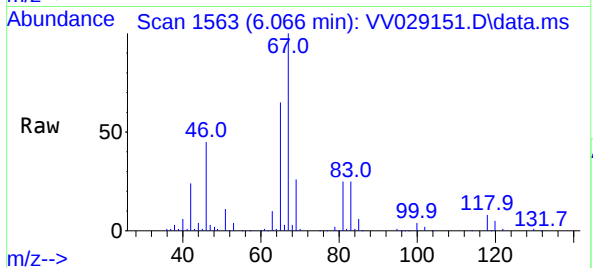




#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV029151.D
Acq: 19 Nov 2022 05:17

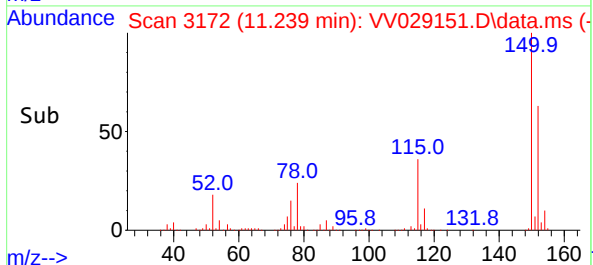
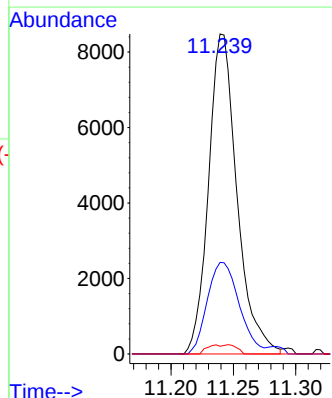
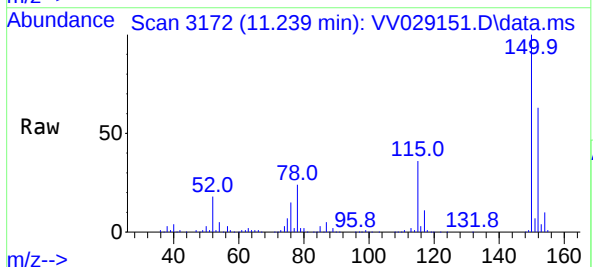
Instrument :
MSVOA_V
ClientSampleId :

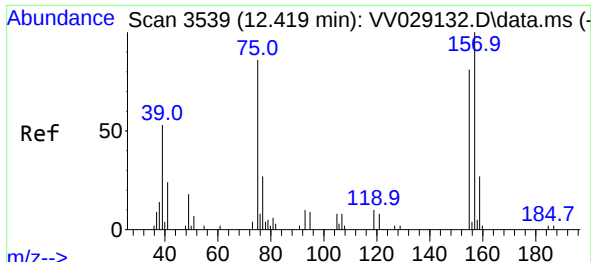
Tgt Ion: 63 Resp: 11580
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#61
1,2,3-Trichloropropane
Concen: 1.630 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.971 min
Lab File: VV029151.D
Acq: 19 Nov 2022 05:17

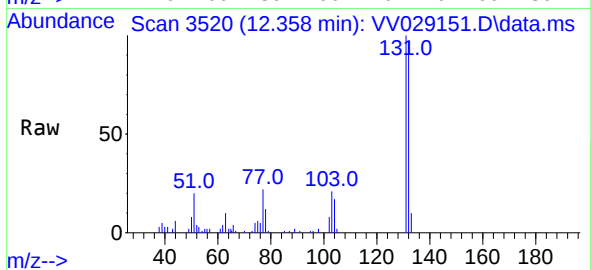
Tgt Ion: 75 Resp: 13463
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 1.4 32.6 48.8#





#68
1,2-Dibromo-3-chloropropane
Concen: 0.461 ug/L
RT: 12.358 min Scan# 31
Delta R.T. -0.061 min
Lab File: VV029151.D
Acq: 19 Nov 2022 05:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	75	Resp:	749
Ion	Ratio	Lower	Upper
75	100		
155	0.0	64.8	97.2#
157	0.0	86.3	129.5#

