

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031424\
 Data File : VW034611.D
 Acq On : 14 Mar 2024 18:14
 Operator : SY/MD
 Sample : P1752-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL15

Quant Time: Mar 15 03:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 03:33:21 2024
 Response via : Initial Calibration

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

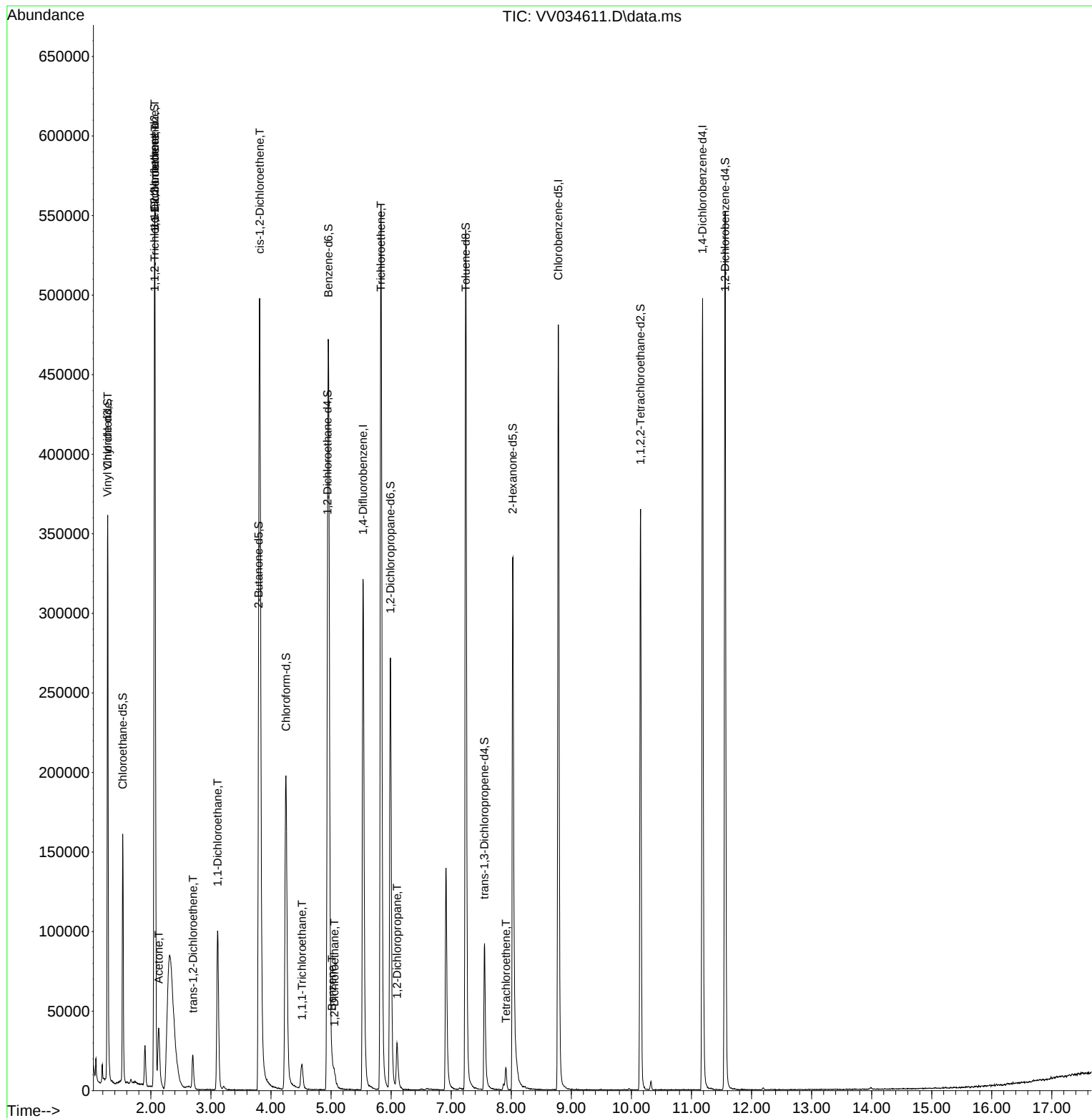
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	277522	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	260984	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	125799	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	114333	47.523	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.040%		
7) Chloroethane-d5	1.532	69	95881	51.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.320%		
11) 1,1-Dichloroethene-d2	2.059	65	51165	47.025	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.060%		
21) 2-Butanone-d5	3.793	46	174228	108.292	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.290%		
24) Chloroform-d	4.249	84	210586	49.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.020%		
26) 1,2-Dichloroethane-d4	4.940	65	144659	52.041	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.080%		
32) Benzene-d6	4.957	84	410264	52.087	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.180%		
36) 1,2-Dichloropropane-d6	5.989	67	128886	53.618	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.240%		
41) Toluene-d8	7.243	98	354493	49.733	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.460%		
43) trans-1,3-Dichloroprop...	7.554	79	55222	45.748	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.500%		
47) 2-Hexanone-d5	8.024	63	120681	100.539	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.540%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	169881	53.703	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.400%		
66) 1,2-Dichlorobenzene-d4	11.561	152	136964	53.265	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.540%		
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	122787	44.222	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2224	0.992	ug/L #	37
12) 1,1-Dichloroethene	2.069	96	99996	48.119	ug/L	98
13) Acetone	2.130	43	54655	28.258	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	7638	3.797	ug/L	97
19) 1,1-Dichloroethane	3.111	63	102831	26.099	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	239930	109.943	ug/L	95
27) 1,2-Dichloroethane	5.056	62	8916	2.687	ug/L #	91
30) 1,1,1-Trichloroethane	4.516	97	13819m	3.692	ug/L	
33) Benzene	5.018	78	11433	1.411	ug/L	100
34) Trichloroethene	5.831	95	193735	84.133	ug/L	98
37) 1,2-Dichloropropane	6.098	63	11723	5.527	ug/L	100
46) Tetrachloroethene	7.911	164	2990	1.746	ug/L	94

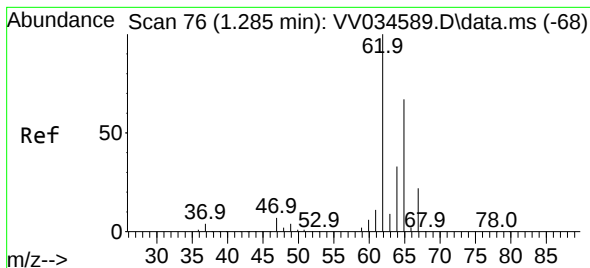
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 15 03:33:21 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 44.222 ug/L

RT: 1.281 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV034611.D

Acq: 14 Mar 2024 18:14

Instrument :

MSVOA_V

ClientSampleId :

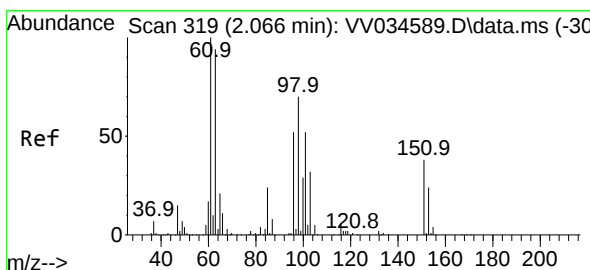
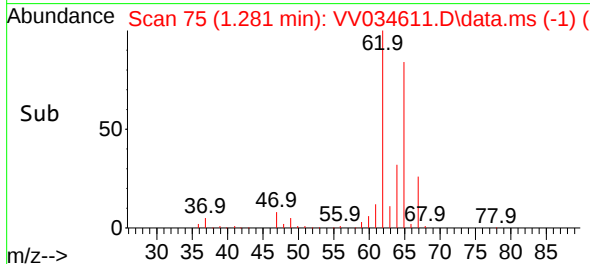
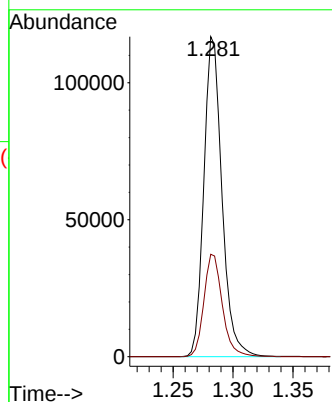
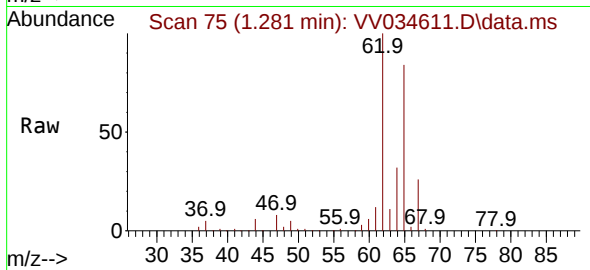
YCL15

Tgt Ion: 62 Resp: 122787

Ion Ratio Lower Upper

62 100

64 32.0 23.4 43.6



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.992 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV034611.D

Acq: 14 Mar 2024 18:14

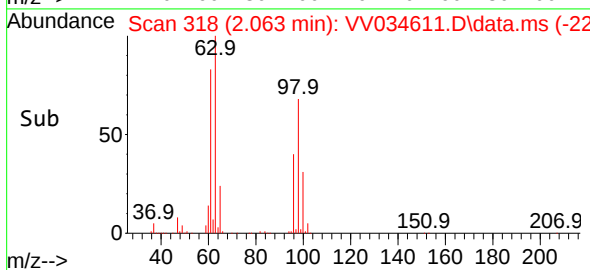
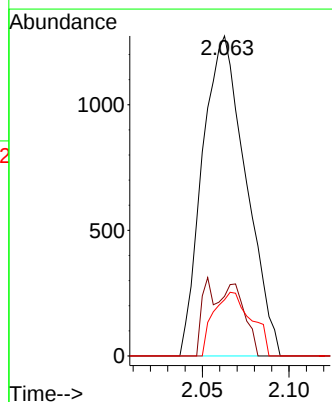
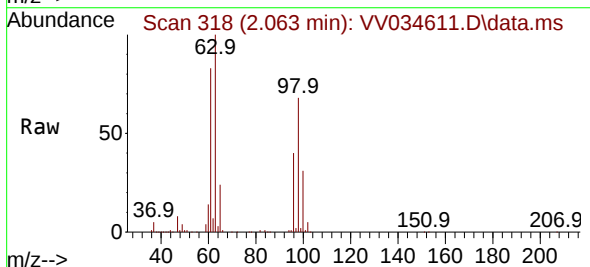
Tgt Ion: 101 Resp: 2224

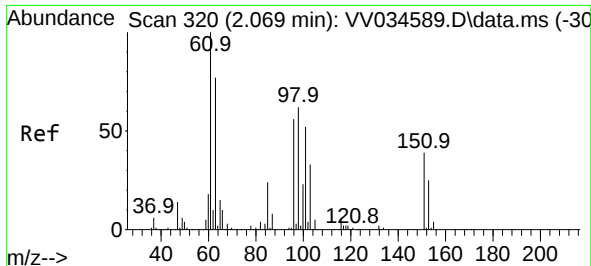
Ion Ratio Lower Upper

101 100

85 12.9 37.4 56.0#

151 16.2 61.4 92.2#

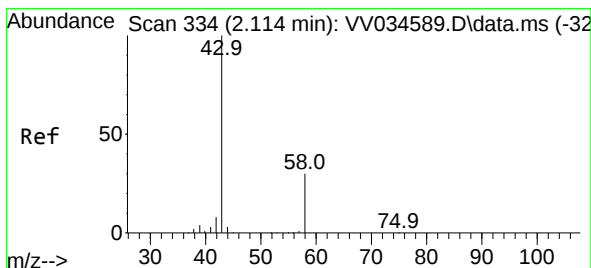
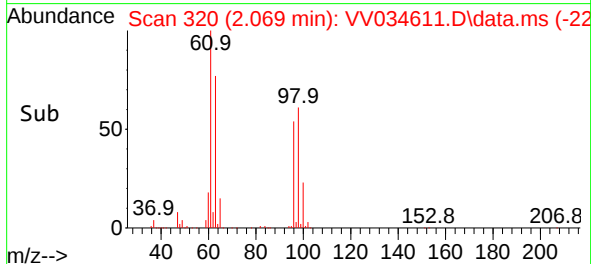
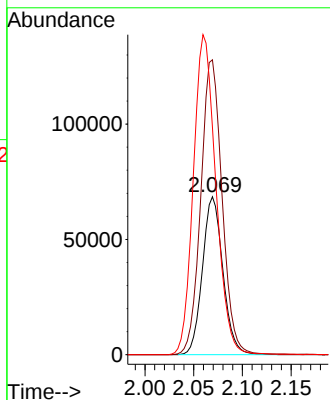
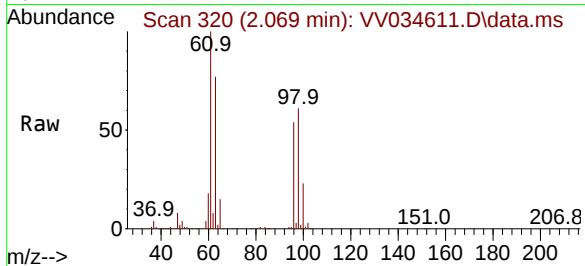




#12
1,1-Dichloroethene
Concen: 48.119 ug/L
RT: 2.069 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV034611.D
Acq: 14 Mar 2024 18:14

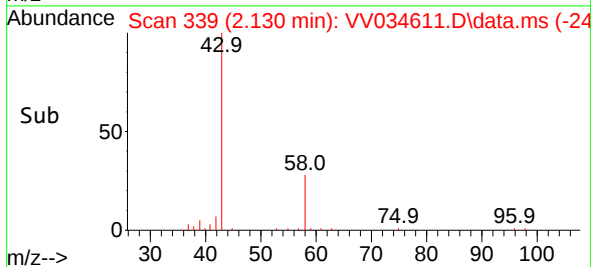
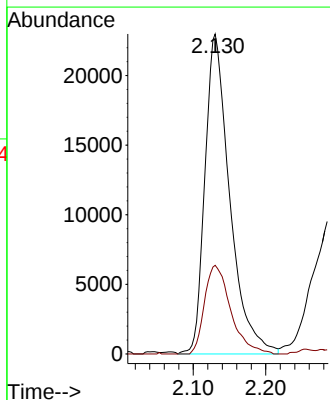
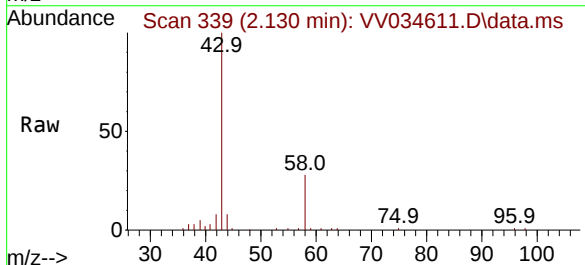
Instrument :
MSVOA_V
ClientSampleId :
YCL15

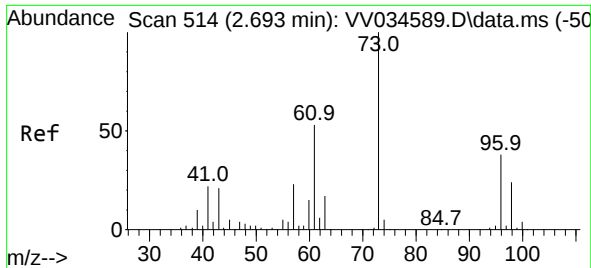
Tgt Ion: 96 Resp: 99996
Ion Ratio Lower Upper
96 100
61 186.7 128.9 239.3
63 144.1 98.0 182.0



#13
Acetone
Concen: 28.258 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.016 min
Lab File: VV034611.D
Acq: 14 Mar 2024 18:14

Tgt Ion: 43 Resp: 54655
Ion Ratio Lower Upper
43 100
58 29.3 0.0 57.2

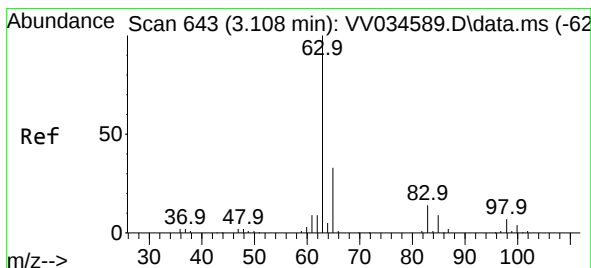
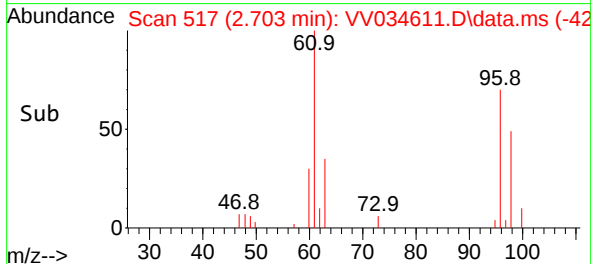
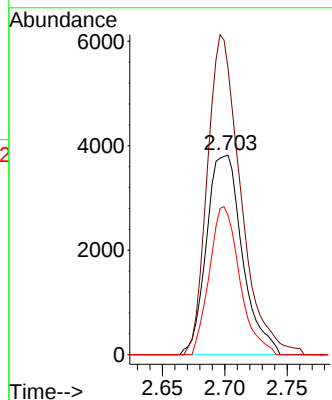
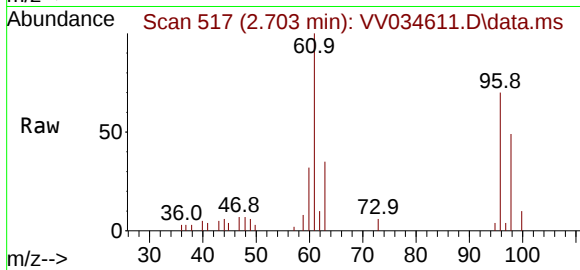




#17
trans-1,2-Dichloroethene
Concen: 3.797 ug/L
RT: 2.703 min Scan# 514
Delta R.T. 0.010 min
Lab File: VV034611.D
Acq: 14 Mar 2024 18:14

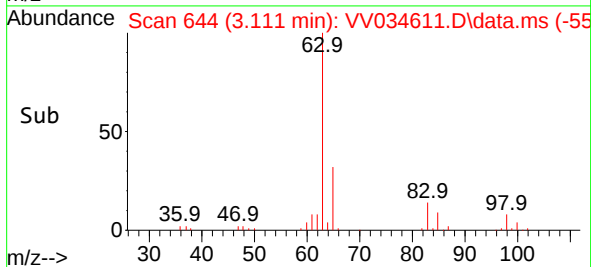
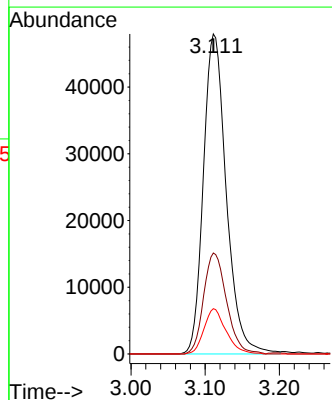
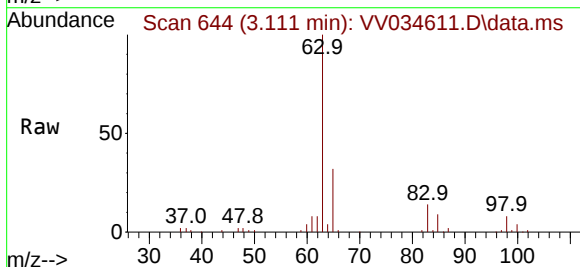
Instrument :
MSVOA_V
ClientSampleId :
YCL15

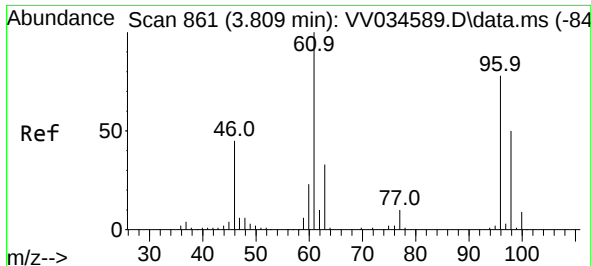
Tgt Ion: 96 Resp: 7638
Ion Ratio Lower Upper
96 100
61 143.5 98.8 183.4
98 69.8 46.1 85.5



#19
1,1-Dichloroethane
Concen: 26.099 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV034611.D
Acq: 14 Mar 2024 18:14

Tgt Ion: 63 Resp: 102831
Ion Ratio Lower Upper
63 100
65 31.5 22.1 41.1
83 14.1 9.9 18.3





#20

cis-1,2-Dichloroethene

Concen: 109.943 ug/L

RT: 3.812 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV034611.D

Acq: 14 Mar 2024 18:14

Instrument :

MSVOA_V

ClientSampleId :

YCL15

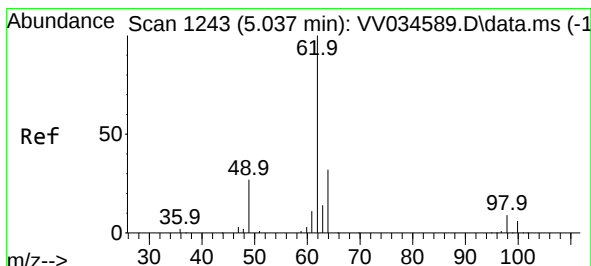
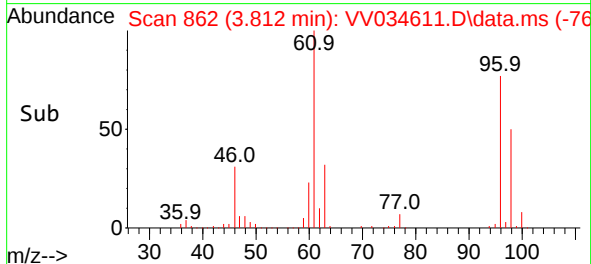
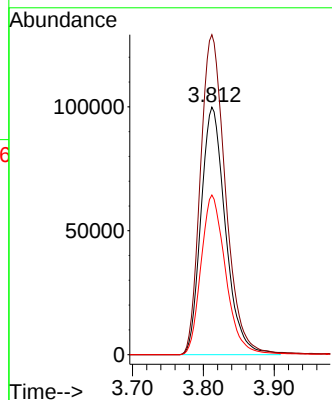
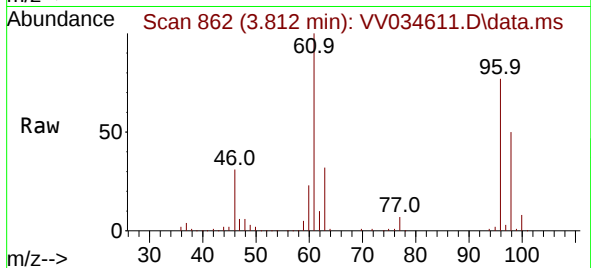
Tgt Ion: 96 Resp: 239930

Ion Ratio Lower Upper

96 100

61 129.3 96.0 178.4

98 64.6 46.0 85.4



#27

1,2-Dichloroethane

Concen: 2.687 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.019 min

Lab File: VV034611.D

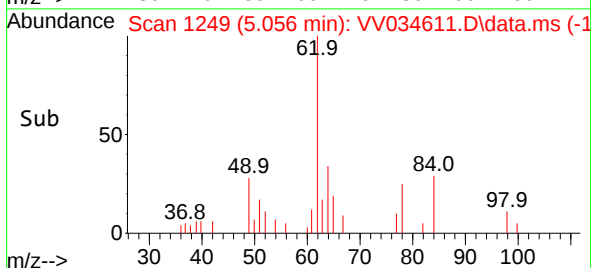
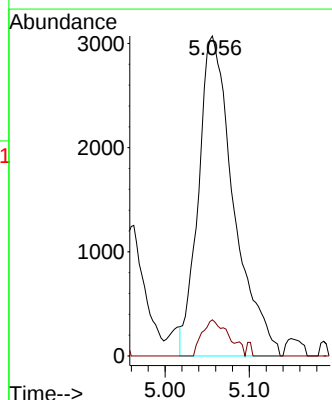
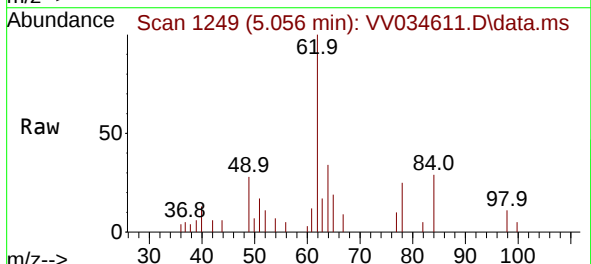
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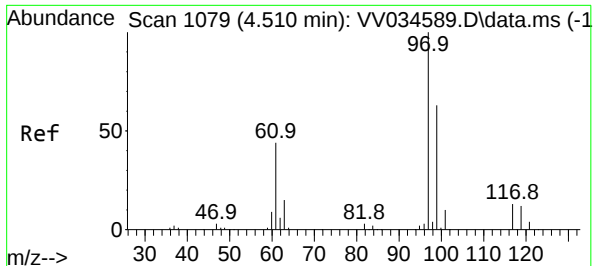
Tgt Ion: 62 Resp: 8916

Ion Ratio Lower Upper

62 100

98 11.3 6.6 10.0#

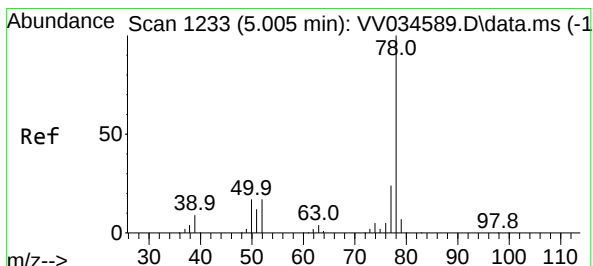
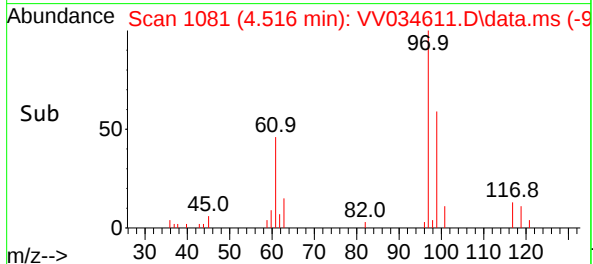
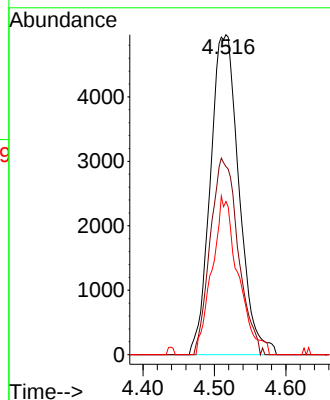
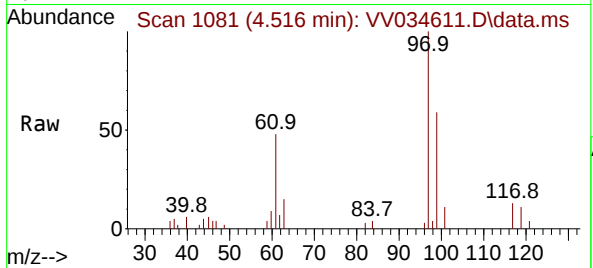




#30
1,1,1-Trichloroethane
Concen: 3.692 ug/L m
RT: 4.516 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VV034611.D
Acq: 14 Mar 2024 18:14

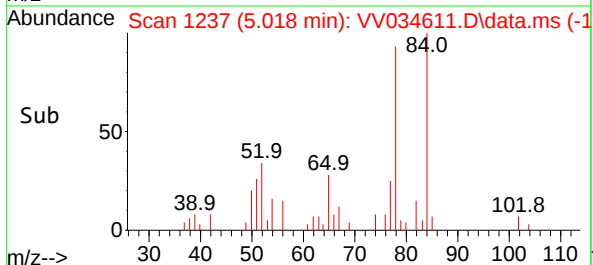
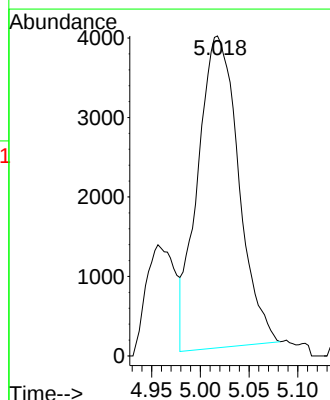
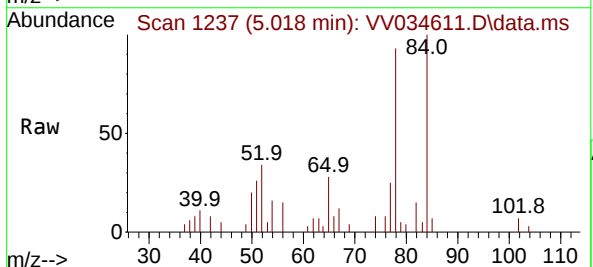
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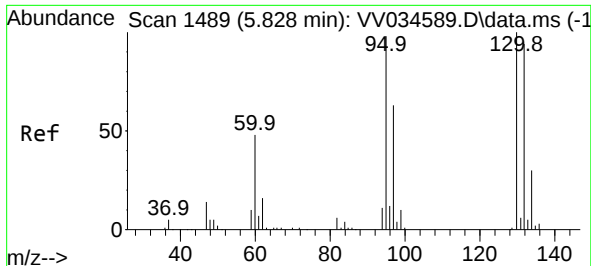
Tgt Ion: 97 Resp: 13819
Ion Ratio Lower Upper
97 100
99 59.9 51.3 76.9
61 21.3 36.0 54.0#



#33
Benzene
Concen: 1.411 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.013 min
Lab File: VV034611.D
Acq: 14 Mar 2024 18:14

Tgt Ion: 78 Resp: 11433

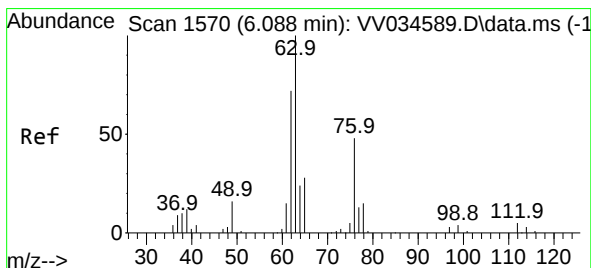
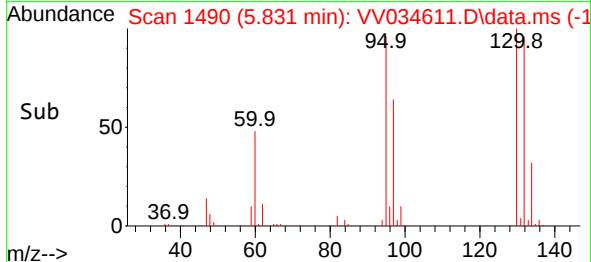
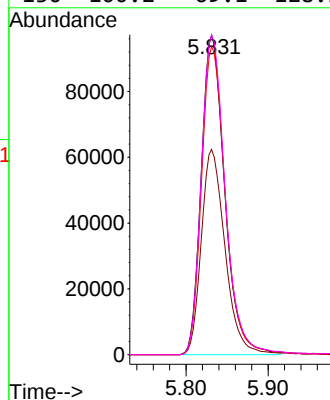
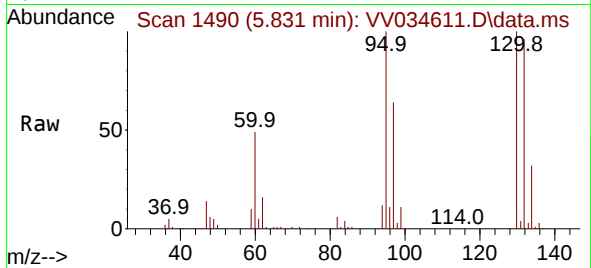




#34
Trichloroethene
Concen: 84.133 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV034611.D
Acq: 14 Mar 2024 18:14

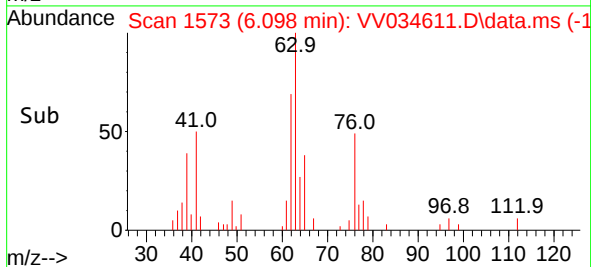
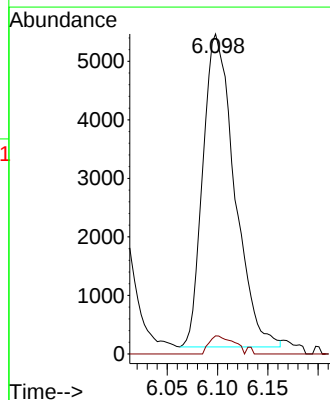
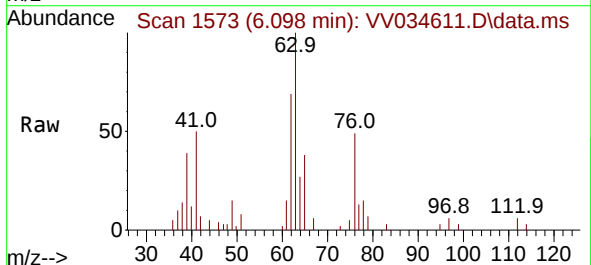
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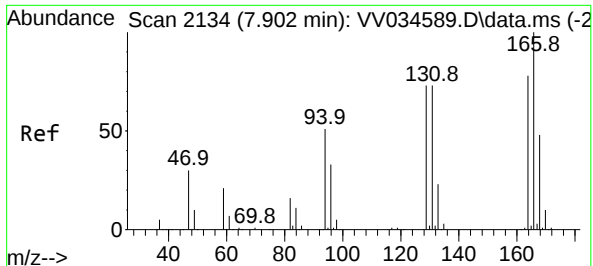
Tgt Ion: 95 Resp: 193735
Ion Ratio Lower Upper
95 100
97 64.3 44.7 83.1
132 96.5 65.3 121.3
130 100.2 69.1 128.3



#37
1,2-Dichloropropane
Concen: 5.527 ug/L
RT: 6.098 min Scan# 1573
Delta R.T. 0.010 min
Lab File: VV034611.D
Acq: 14 Mar 2024 18:14

Tgt Ion: 63 Resp: 11723
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3





#46
Tetrachloroethene
Concen: 1.746 ug/L
RT: 7.911 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV034611.D
Acq: 14 Mar 2024 18:14

Instrument :
MSVOA_V
ClientSampleId :
YCL15

Tgt Ion:164	Resp:	2990
Ion	Ratio	Lower Upper
164	100	
129	109.3	65.7 121.9
131	87.5	62.2 115.6
166	124.8	89.7 166.7

