

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034138.D
 Acq On : 12 Feb 2024 14:33
 Operator : SY/MD
 Sample : P1455-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 13 00:47:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 13 00:43:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75148	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	36275	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23503	4.038	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.532	69	20936	4.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.060	65	11678	4.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.796	46	40797	41.738	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.480%
24) Chloroform-d	4.252	84	46579	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	4.944	65	24350	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	4.963	84	87867	4.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	5.992	67	25322	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.246	98	81473	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.561	79	9607	4.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.027	63	34159	43.039	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.080%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	15464	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	29990	4.546	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	1628	0.301	ug/L	87
12) 1,1-Dichloroethene	2.069	96	18131	3.454	ug/L #	79
13) Acetone	2.121	43	3202	4.318	ug/L #	46
15) Methyl Acetate	2.253	43	4604	2.623	ug/L #	53
19) 1,1-Dichloroethane	3.117	63	6505	0.662	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	17044	2.810	ug/L	98
25) Chloroform	4.281	83	3745	0.377	ug/L	100
29) 1,1,1-Trichloroethane	4.523	97	2653	0.281	ug/L	96
31) Carbon tetrachloride	4.738	117	8261	1.002	ug/L	98
34) Trichloroethene	5.831	95	104555	17.156	ug/L	97
35) Methylcyclohexane	5.989	83	6532	0.683	ug/L #	35
37) 1,2-Dichloropropane	5.992	63	3216	0.630	ug/L #	87
44) trans-1,3-Dichloropropene	7.555	75	516	0.087	ug/L #	43
47) Tetrachloroethene	7.905	164	30988	6.258	ug/L	97
48) 2-Hexanone	8.088	43	4788	2.781	ug/L #	76
49) Dibromochloromethane	7.905	129	28514	7.618	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	4450	1.784	ug/L #	64

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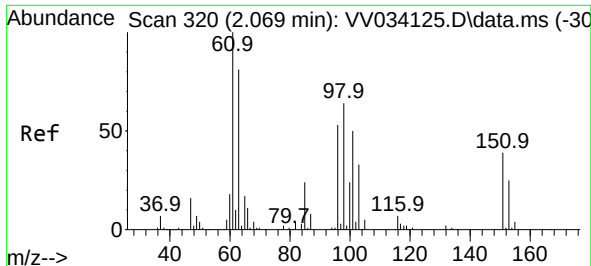
Quant Time: Feb 13 00:47:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 13 00:43:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
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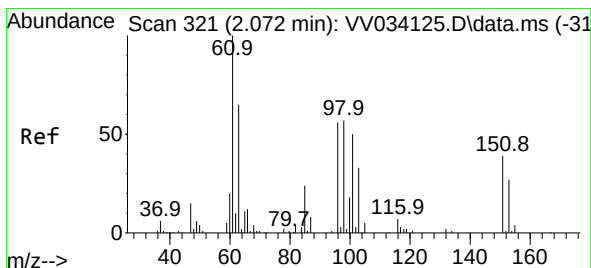
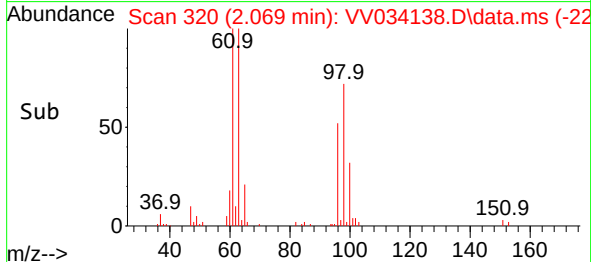
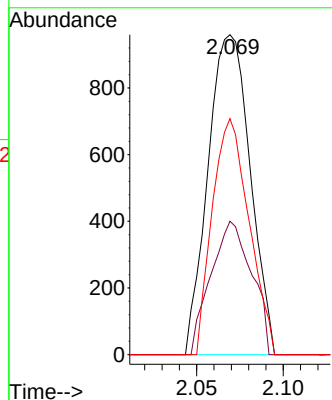
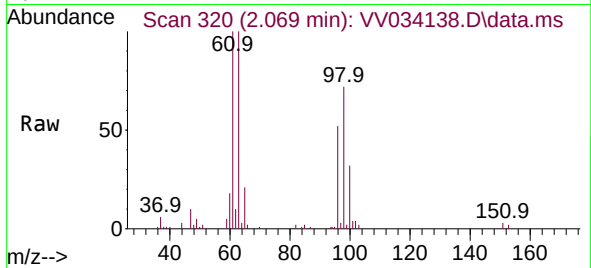




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.301 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034138.D
 Acq: 12 Feb 2024 14:33

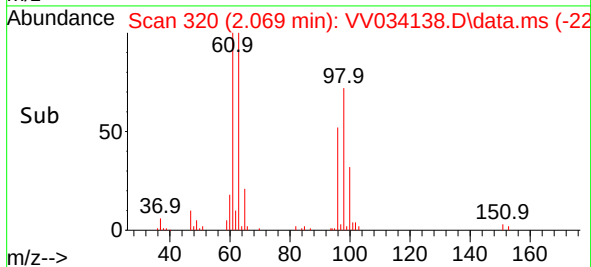
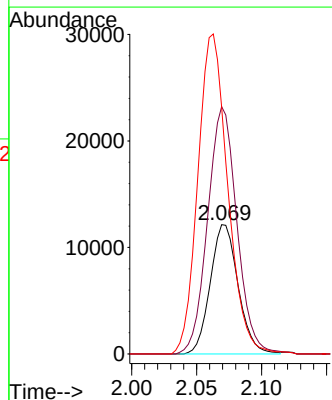
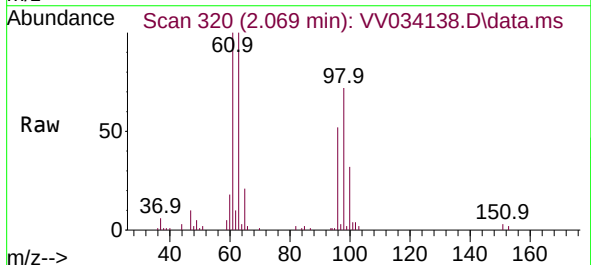
Instrument :
 MSVOA_V
 ClientSampleId :

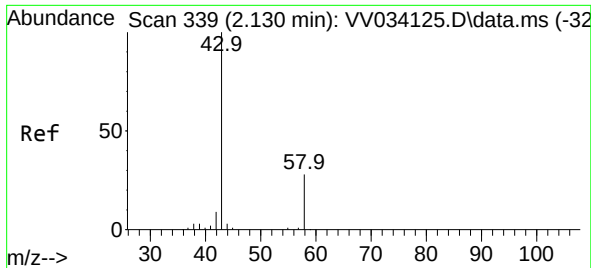
Tgt Ion:101 Resp: 1628
 Ion Ratio Lower Upper
 101 100
 85 40.4 37.1 55.7
 151 64.2 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 3.454 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV034138.D
 Acq: 12 Feb 2024 14:33

Tgt Ion: 96 Resp: 18131
 Ion Ratio Lower Upper
 96 100
 61 191.3 128.8 239.2
 63 190.9 97.9 181.9#





#13

Acetone

Concen: 4.318 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV034138.D

Acq: 12 Feb 2024 14:33

Instrument :

MSVOA_V

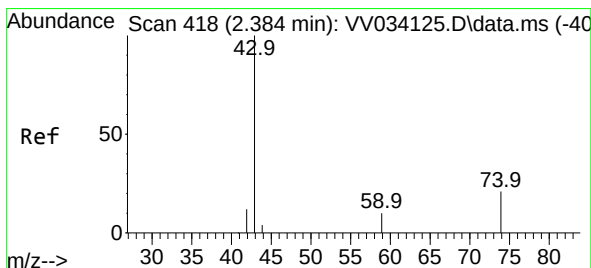
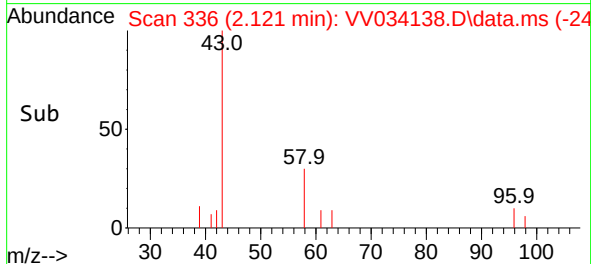
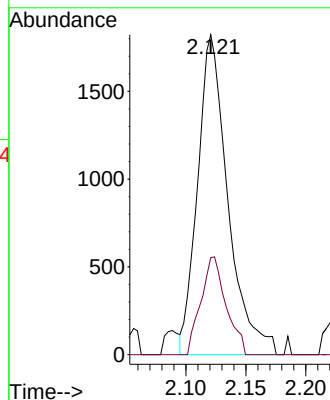
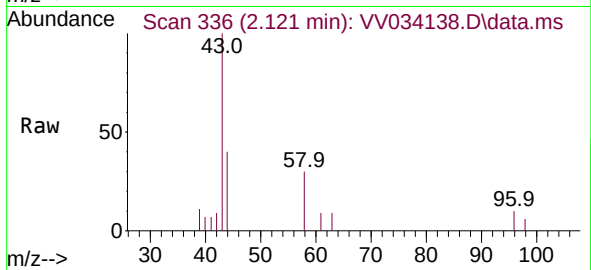
ClientSampleId :

Tgt Ion: 43 Resp: 3202

Ion Ratio Lower Upper

43 100

58 25.4 0.0 13.8#



#15

Methyl Acetate

Concen: 2.623 ug/L

RT: 2.253 min Scan# 377

Delta R.T. -0.132 min

Lab File: VV034138.D

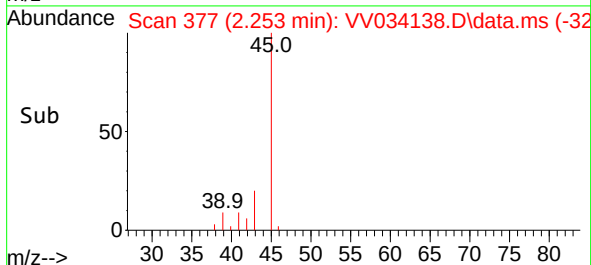
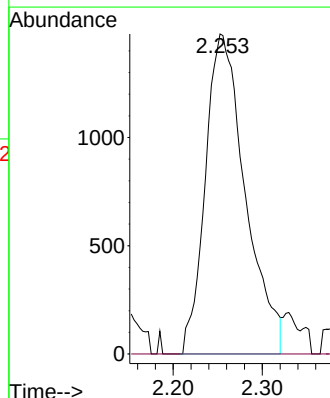
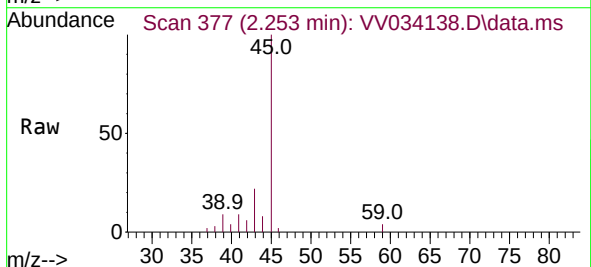
Acq: 12 Feb 2024 14:33

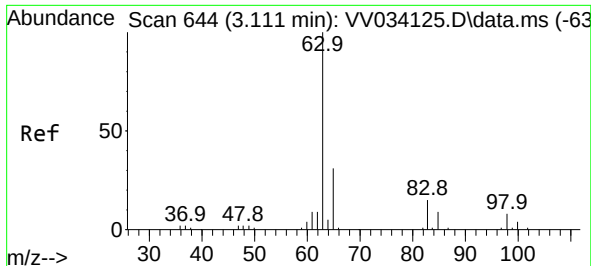
Tgt Ion: 43 Resp: 4604

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.4#





#19

1,1-Dichloroethane

Concen: 0.662 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV034138.D

Acq: 12 Feb 2024 14:33

Instrument :

MSVOA_V

ClientSampleId :

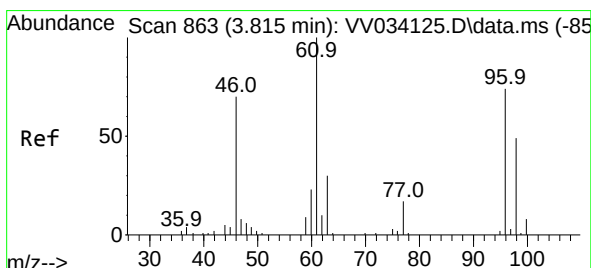
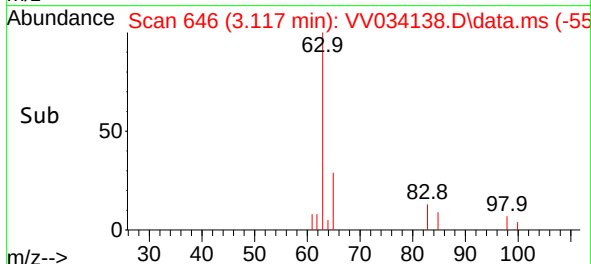
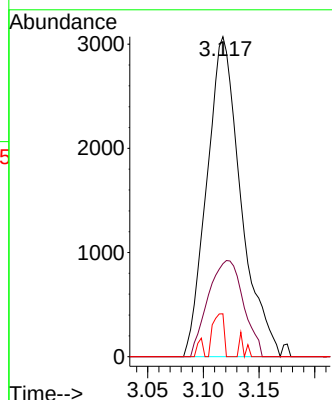
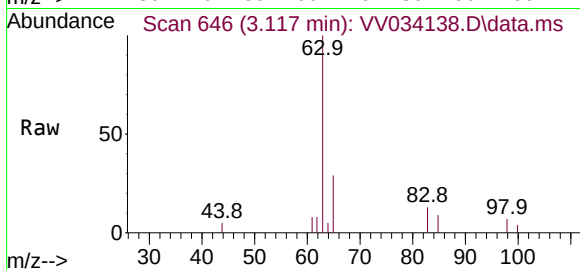
Tgt Ion: 63 Resp: 6505

Ion Ratio Lower Upper

63 100

65 29.0 20.8 38.6

83 13.4 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 2.810 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV034138.D

Acq: 12 Feb 2024 14:33

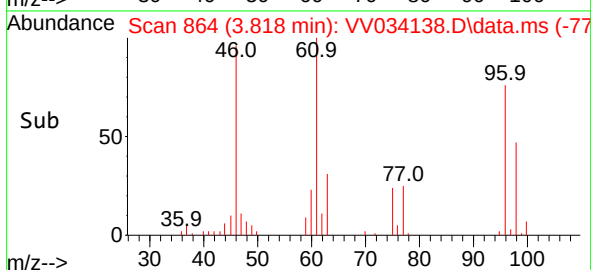
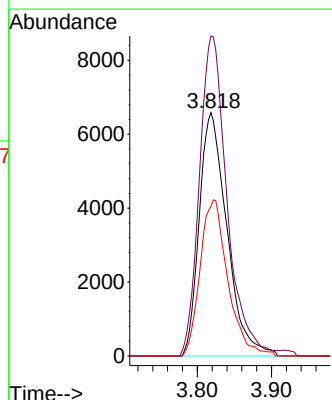
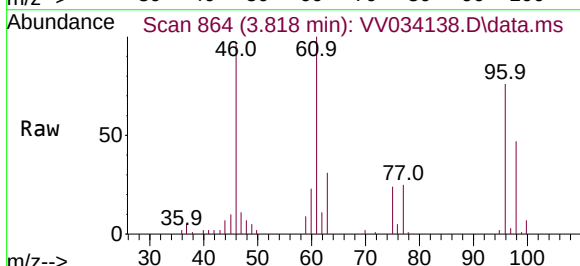
Tgt Ion: 96 Resp: 17044

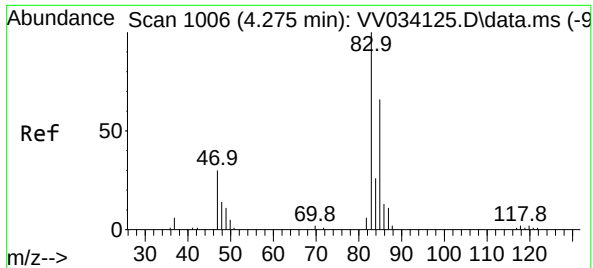
Ion Ratio Lower Upper

96 100

61 131.5 90.3 167.7

98 61.5 43.2 80.2





#25

Chloroform

Concen: 0.377 ug/L

RT: 4.281 min Scan# 1006

Delta R.T. 0.006 min

Lab File: VV034138.D

Acq: 12 Feb 2024 14:33

Instrument :

MSVOA_V

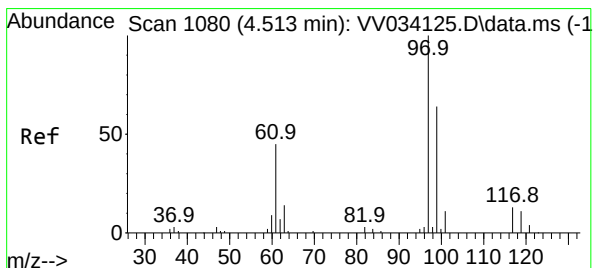
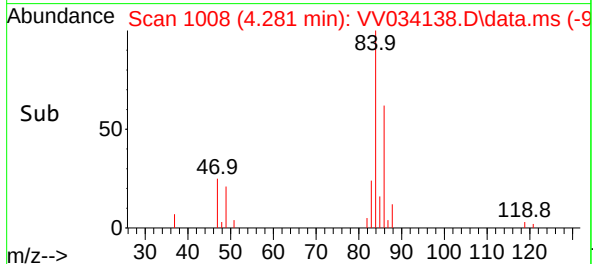
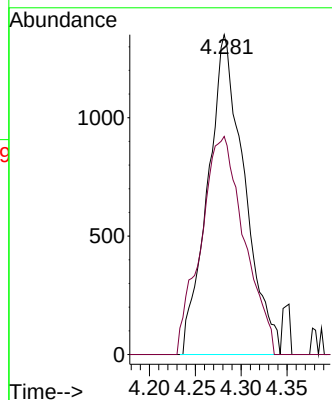
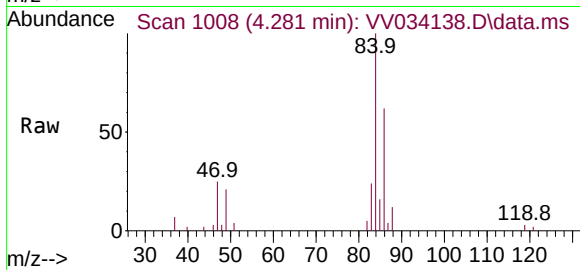
ClientSampleId :

Tgt Ion: 83 Resp: 3745

Ion Ratio Lower Upper

83 100

85 68.2 47.5 88.1



#29

1,1,1-Trichloroethane

Concen: 0.281 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.010 min

Lab File: VV034138.D

Acq: 12 Feb 2024 14:33

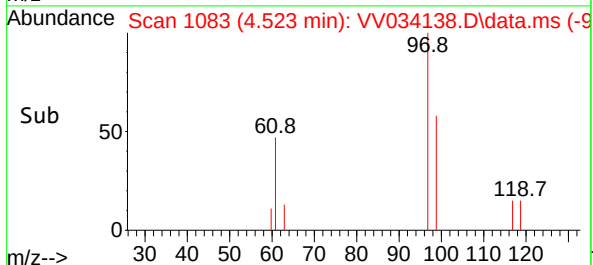
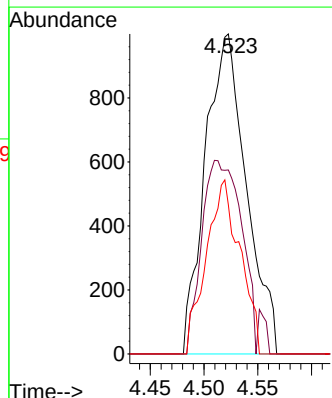
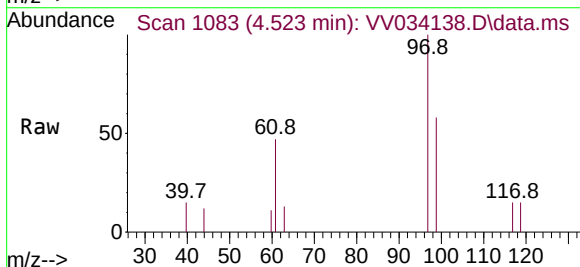
Tgt Ion: 97 Resp: 2653

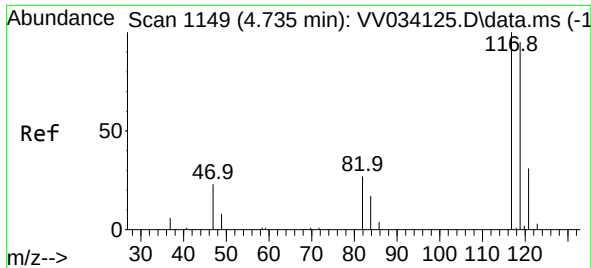
Ion Ratio Lower Upper

97 100

99 58.5 50.6 75.8

61 44.8 36.8 55.2

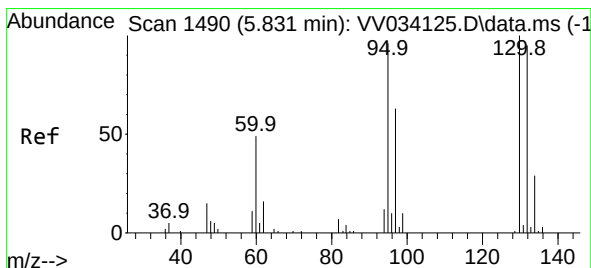
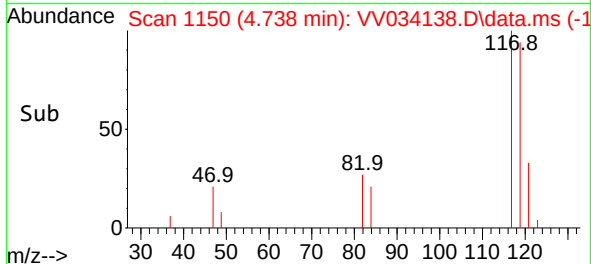
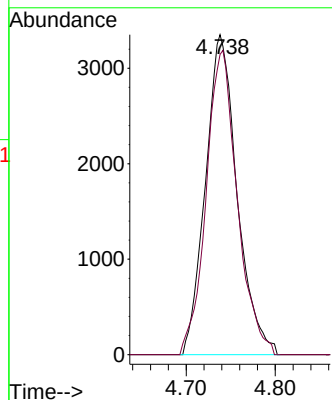
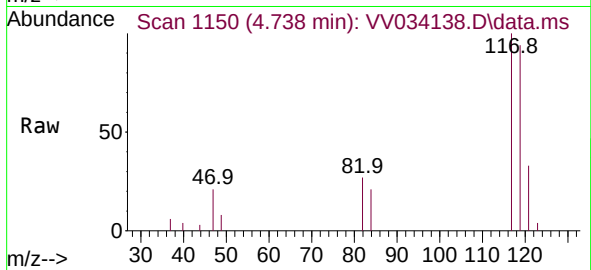




#31
Carbon tetrachloride
Concen: 1.002 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034138.D
Acq: 12 Feb 2024 14:33

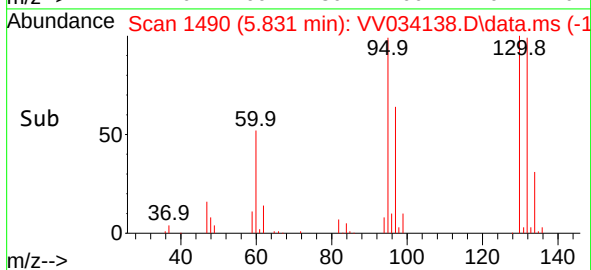
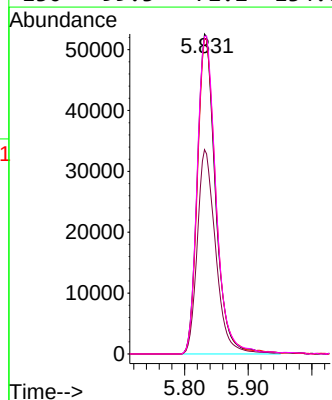
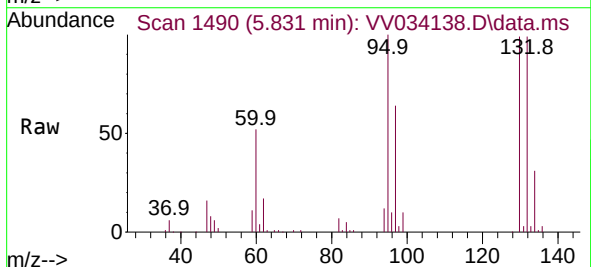
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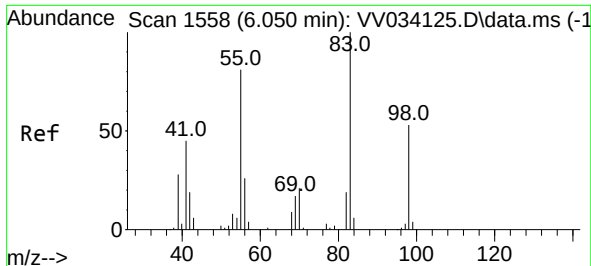
Tgt Ion:117 Resp: 8261
Ion Ratio Lower Upper
117 100
119 93.5 76.1 114.1



#34
Trichloroethene
Concen: 17.156 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV034138.D
Acq: 12 Feb 2024 14:33

Tgt Ion: 95 Resp: 104555
Ion Ratio Lower Upper
95 100
97 63.8 45.1 83.7
132 98.6 66.0 122.6
130 99.3 72.2 134.0

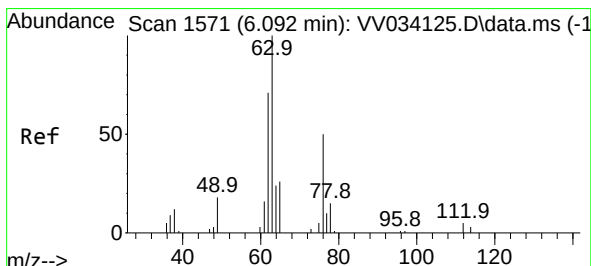
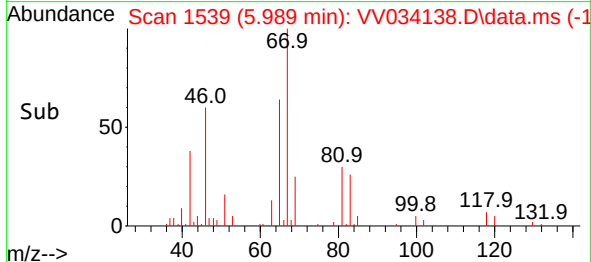
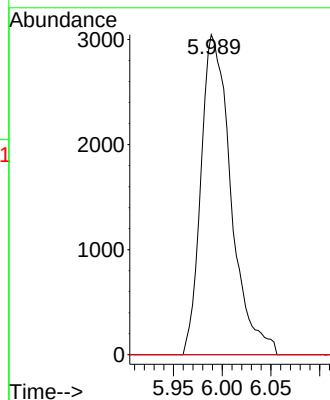
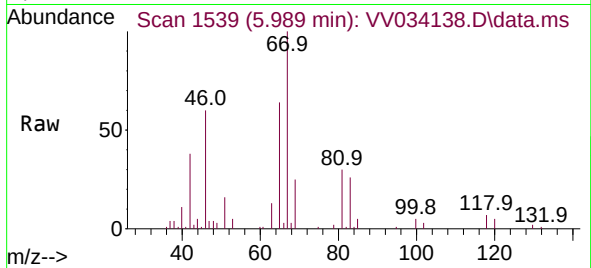




#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV034138.D
Acq: 12 Feb 2024 14:33

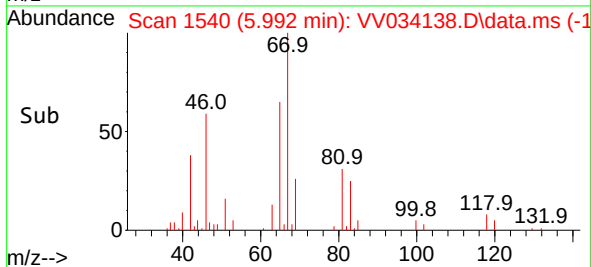
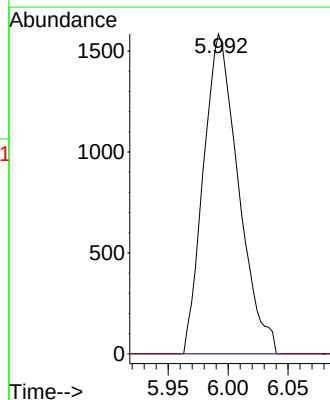
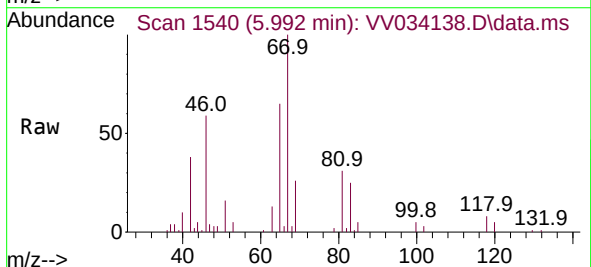
Instrument :
MSVOA_V
ClientSampleId :

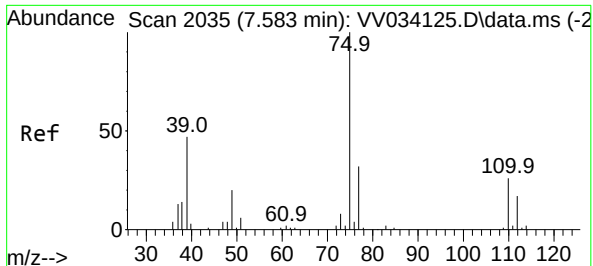
Tgt Ion: 83 Resp: 6532
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 32.1 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.630 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.100 min
Lab File: VV034138.D
Acq: 12 Feb 2024 14:33

Tgt Ion: 63 Resp: 3216
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

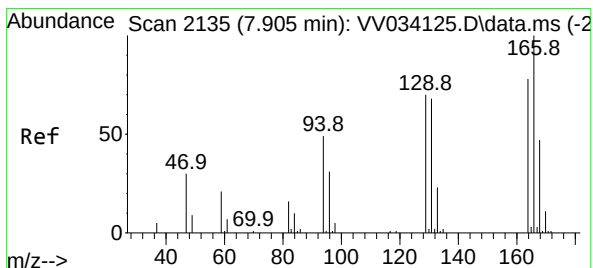
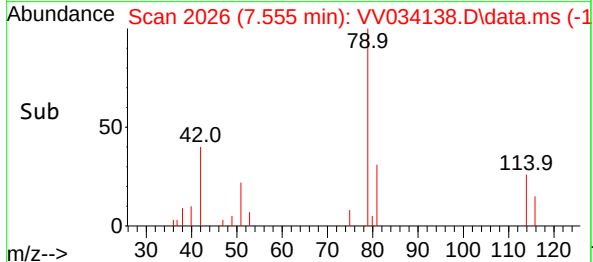
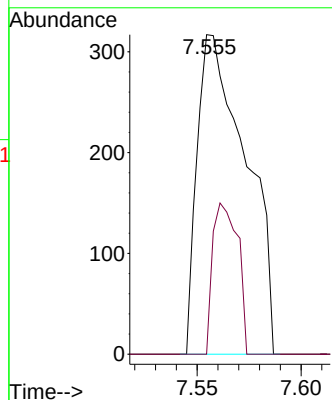
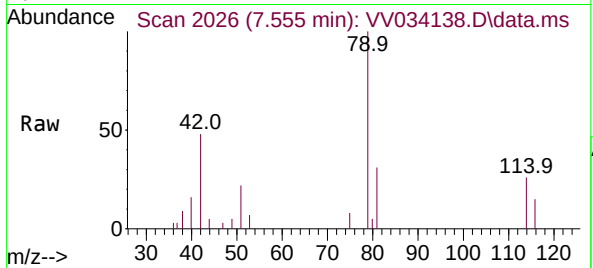




#44
trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.555 min Scan# 2035
Delta R.T. -0.029 min
Lab File: VV034138.D
Acq: 12 Feb 2024 14:33

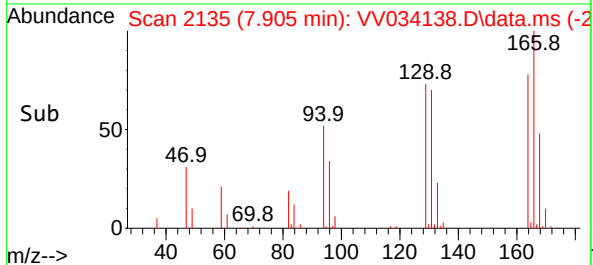
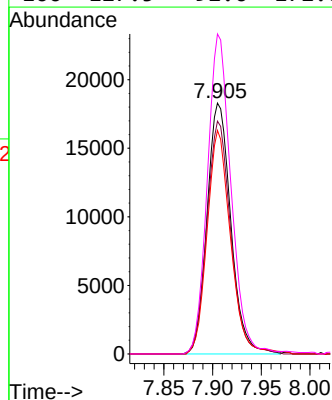
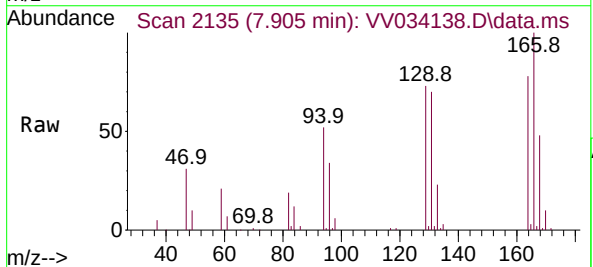
Instrument :
MSVOA_V
ClientSampleId :

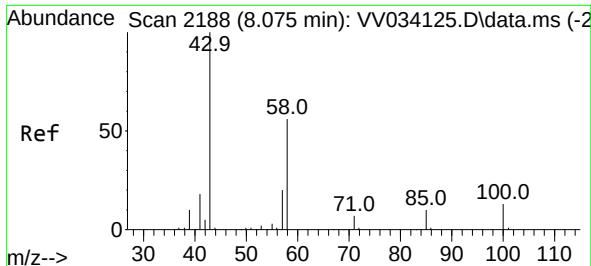
Tgt Ion: 75 Resp: 516
Ion Ratio Lower Upper
75 100
77 0.0 22.2 41.2#



#47
Tetrachloroethene
Concen: 6.258 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034138.D
Acq: 12 Feb 2024 14:33

Tgt Ion:164 Resp: 30988
Ion Ratio Lower Upper
164 100
129 92.8 67.8 125.8
131 89.1 63.0 117.0
166 127.5 92.6 172.0





#48

2-Hexanone

Concen: 2.781 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.013 min

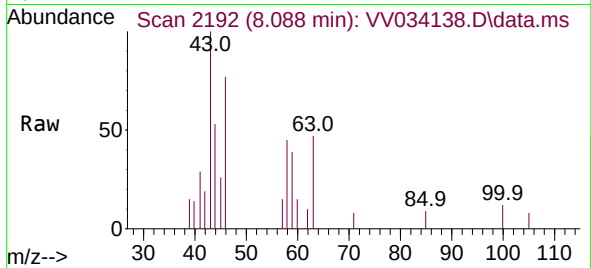
Lab File: VV034138.D

Acq: 12 Feb 2024 14:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 4788

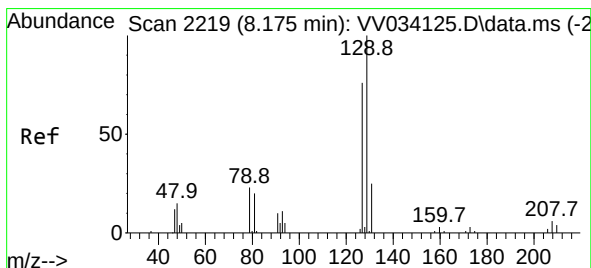
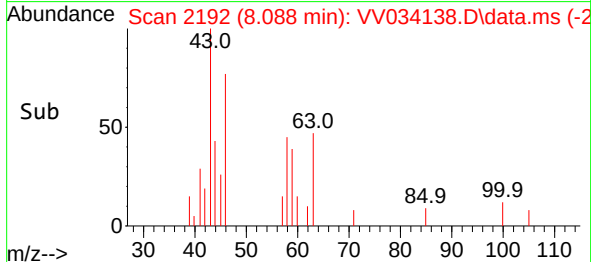
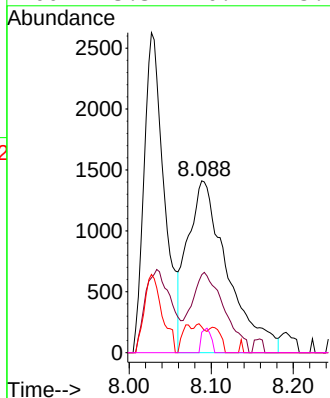
Ion Ratio Lower Upper

43 100

58 38.7 42.6 64.0#

57 4.2 15.5 23.3#

100 3.3 10.1 15.1#



#49

Dibromochloromethane

Concen: 7.618 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034138.D

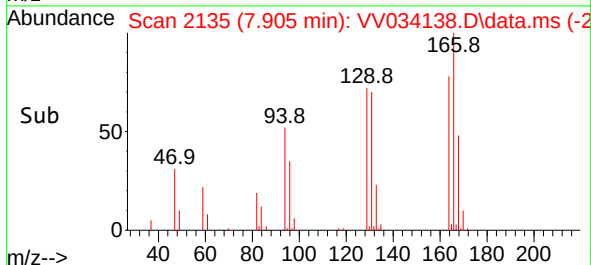
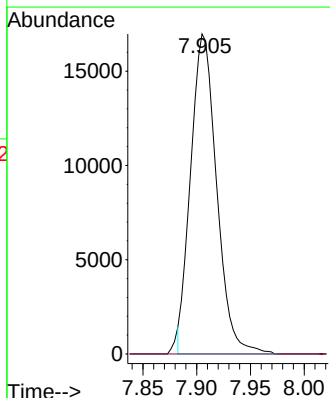
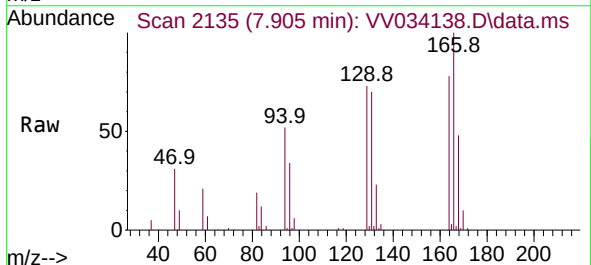
Acq: 12 Feb 2024 14:33

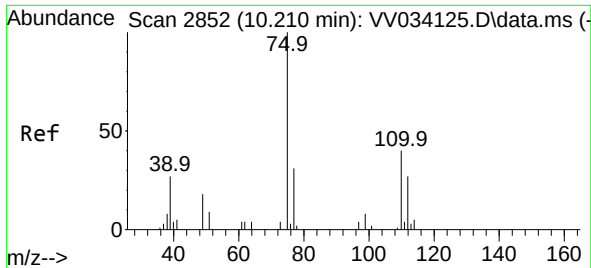
Tgt Ion: 129 Resp: 28514

Ion Ratio Lower Upper

129 100

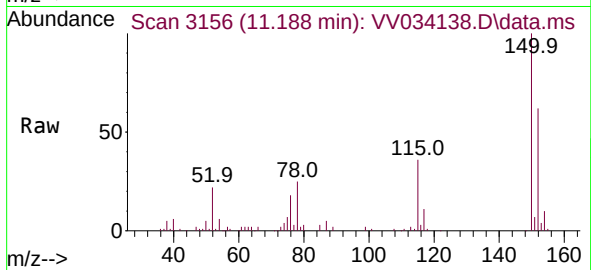
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.784 ug/L
RT: 11.188 min Scan# 31
Delta R.T. 0.978 min
Lab File: VV034138.D
Acq: 12 Feb 2024 14:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 4450
Ion Ratio Lower Upper
75 100
77 34.3 26.9 40.3
110 1.6 33.3 49.9#

