

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021324\
 Data File : VW034162.D
 Acq On : 13 Feb 2024 19:07
 Operator : SY/MD
 Sample : P1455-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

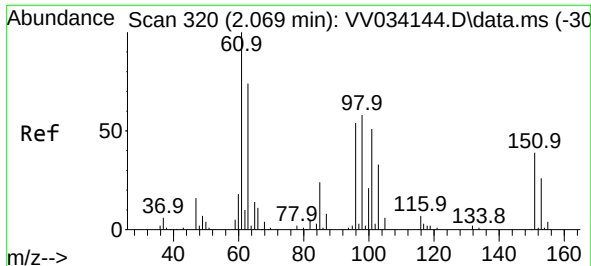
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 14 01:46:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 14 01:41:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	76839	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71323	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	20500	3.445	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.535	69	19247	3.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.063	65	10812	3.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	3.805	46	38833	38.854	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.700%
24) Chloroform-d	4.252	84	44782	4.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	4.947	65	22976	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	4.963	84	83028	3.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	5.992	67	22344	3.735	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.800%
41) Toluene-d8	7.246	98	76468	3.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.561	79	8846	3.917	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.027	63	28602	35.474	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.940%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	14604	4.027	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	28798	4.234	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2933	0.530	ug/L	92
12) 1,1-Dichloroethene	2.072	96	46985	8.753	ug/L #	81
19) 1,1-Dichloroethane	3.114	63	20002	1.991	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	48085	7.752	ug/L	98
25) Chloroform	4.285	83	3837	0.378	ug/L	86
29) 1,1,1-Trichloroethane	4.513	97	7317	0.764	ug/L	96
31) Carbon tetrachloride	4.741	117	7128	0.851	ug/L	94
34) Trichloroethene	5.831	95	89671	14.484	ug/L	96
35) Methylcyclohexane	5.989	83	6110	0.629	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3051	0.589	ug/L #	87
47) Tetrachloroethene	7.905	164	79272	15.758	ug/L	97
48) 2-Hexanone	8.088	43	5221	2.985	ug/L #	90
49) Dibromochloromethane	7.905	129	70327	18.496	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4362	1.697	ug/L #	61

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



#10

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

Concen: 0.530 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

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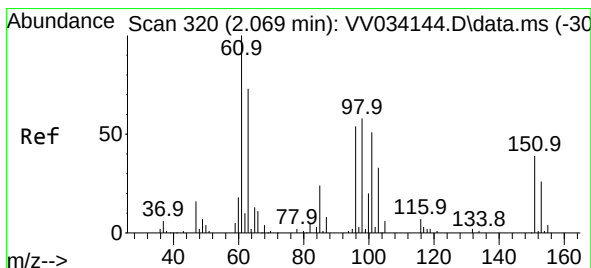
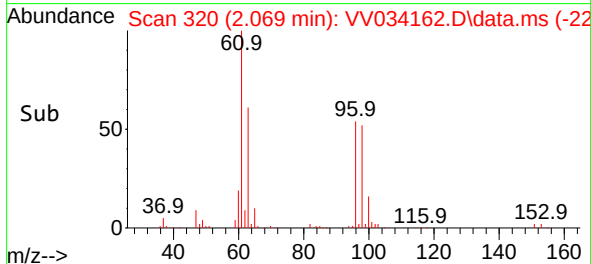
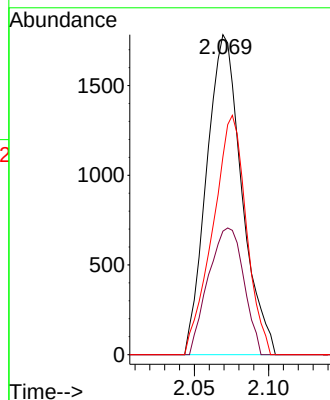
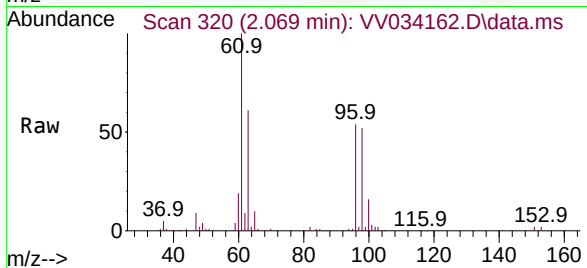
Tgt Ion:101 Resp: 2933

Ion Ratio Lower Upper

101 100

85 39.9 37.1 55.7

151 71.4 61.7 92.5



#12

1,1-Dichloroethene

Concen: 8.753 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV034162.D

Acq: 13 Feb 2024 19:07

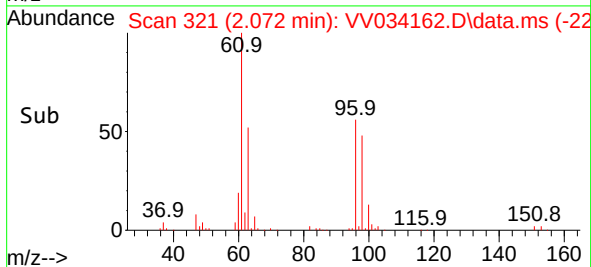
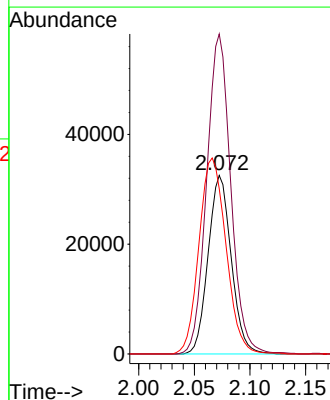
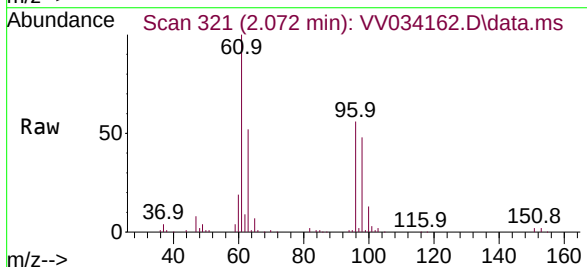
Tgt Ion: 96 Resp: 46985

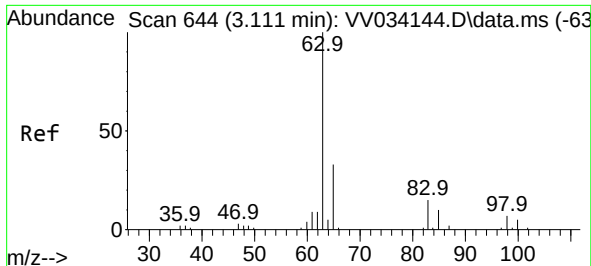
Ion Ratio Lower Upper

96 100

61 179.2 128.8 239.2

63 92.5 97.9 181.9#





#19

1,1-Dichloroethane

Concen: 1.991 ug/L

RT: 3.114 min Scan# 644

Delta R.T. 0.003 min

Lab File: VV034162.D

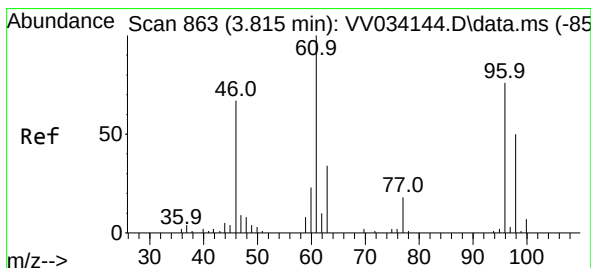
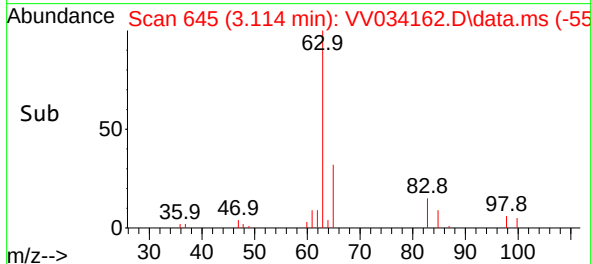
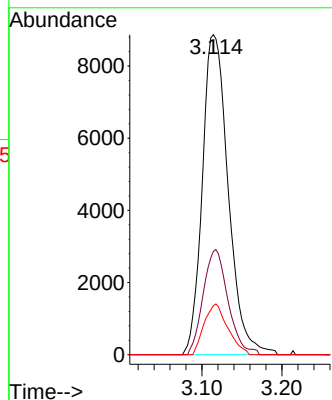
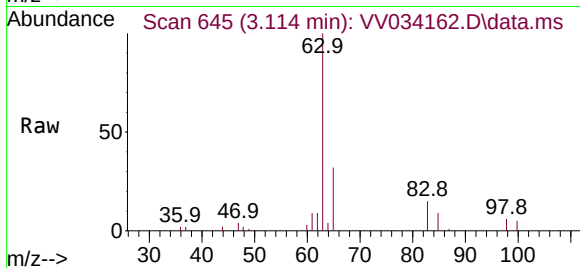
Acq: 13 Feb 2024 19:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 20002
Ion Ratio	Lower Upper
63 100	
65 32.3	20.8 38.6
83 15.3	9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 7.752 ug/L

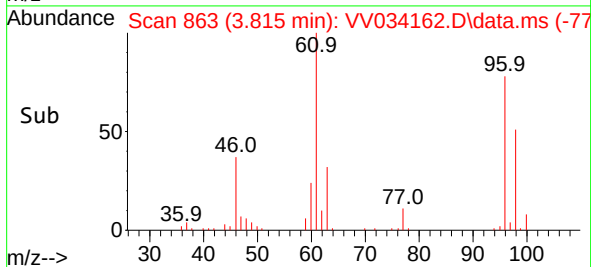
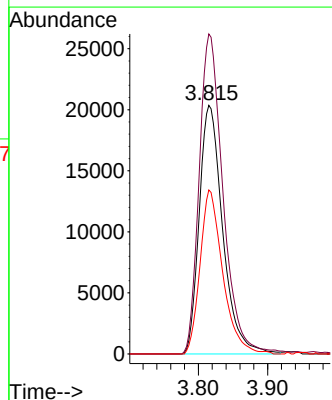
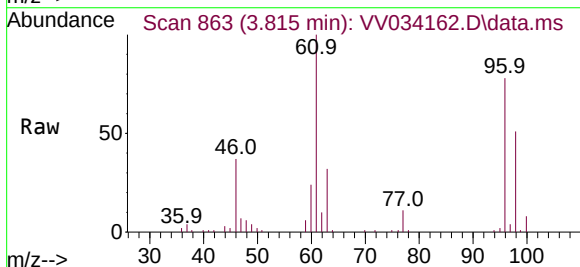
RT: 3.815 min Scan# 863

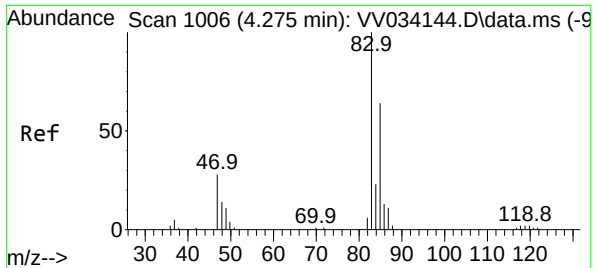
Delta R.T. -0.000 min

Lab File: VV034162.D

Acq: 13 Feb 2024 19:07

Tgt Ion: 96	Resp: 48085
Ion Ratio	Lower Upper
96 100	
61 128.7	90.3 167.7
98 65.9	43.2 80.2





#25

Chloroform

Concen: 0.378 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.010 min

Lab File: VV034162.D

Acq: 13 Feb 2024 19:07

Instrument :

MSVOA_V

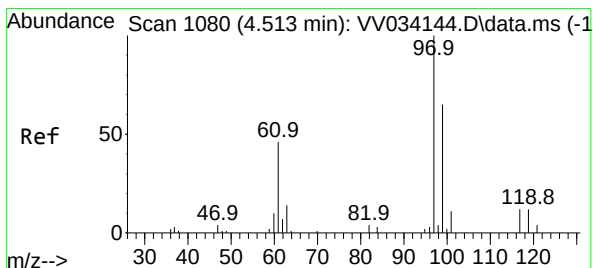
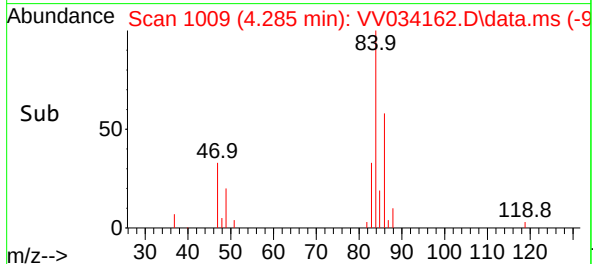
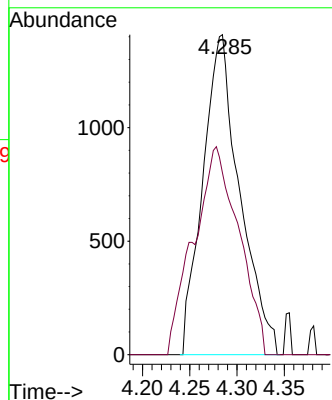
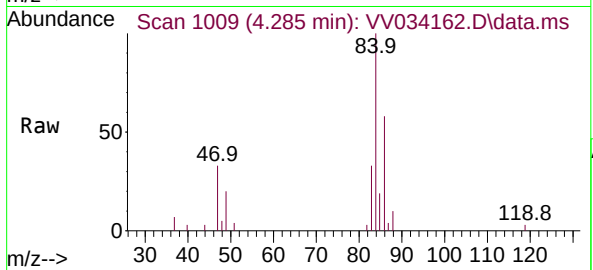
ClientSampleId :

Tgt Ion: 83 Resp: 3837

Ion Ratio Lower Upper

83 100

85 56.8 47.5 88.1



#29

1,1,1-Trichloroethane

Concen: 0.764 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV034162.D

Acq: 13 Feb 2024 19:07

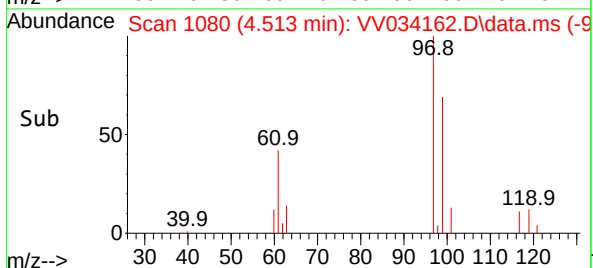
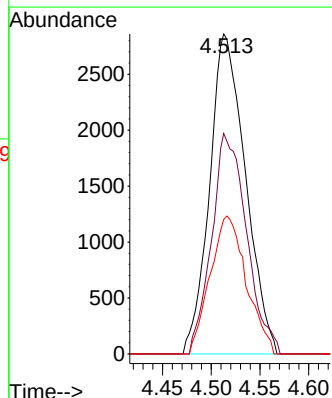
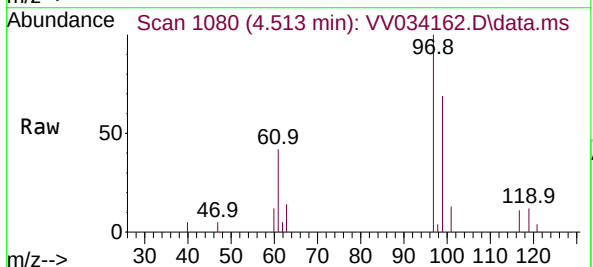
Tgt Ion: 97 Resp: 7317

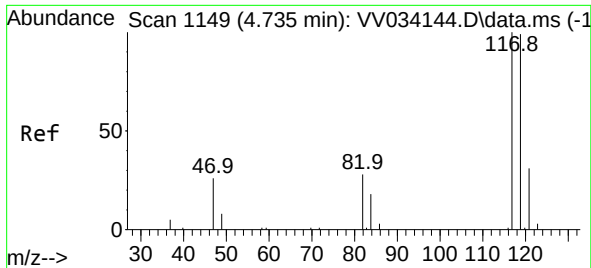
Ion Ratio Lower Upper

97 100

99 67.1 50.6 75.8

61 43.5 36.8 55.2

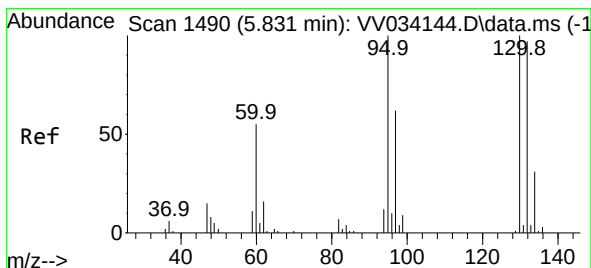
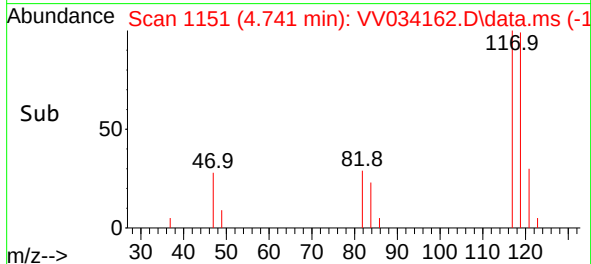
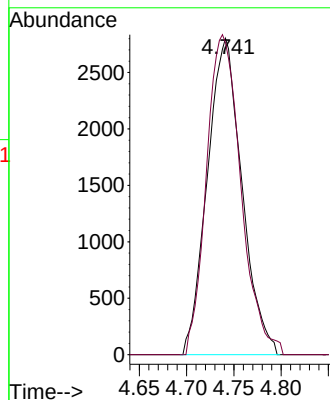
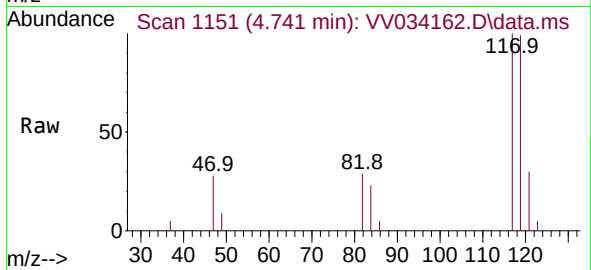




#31
Carbon tetrachloride
Concen: 0.851 ug/L
RT: 4.741 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VV034162.D
Acq: 13 Feb 2024 19:07

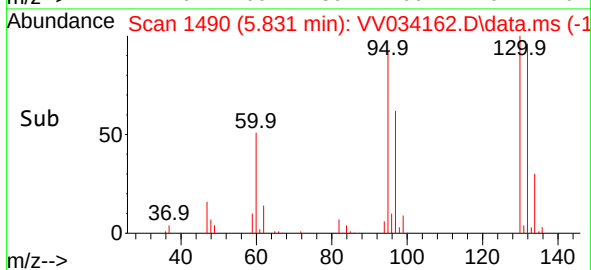
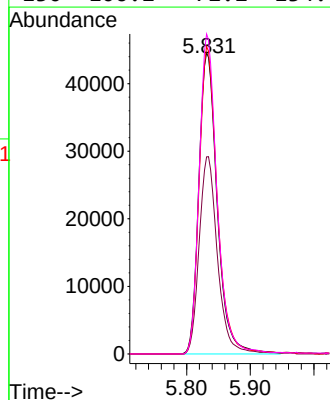
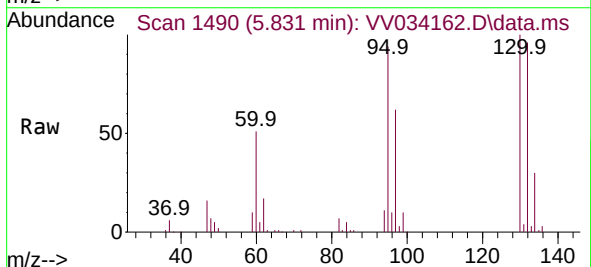
Instrument :
MSVOA_V
ClientSampleId :

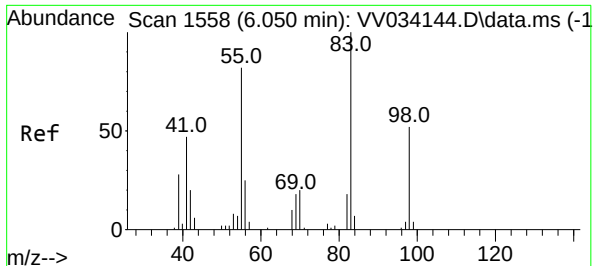
Tgt Ion:117 Resp: 7128
Ion Ratio Lower Upper
117 100
119 100.8 76.1 114.1



#34
Trichloroethene
Concen: 14.484 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV034162.D
Acq: 13 Feb 2024 19:07

Tgt Ion: 95 Resp: 89671
Ion Ratio Lower Upper
95 100
97 65.4 45.1 83.7
132 102.1 66.0 122.6
130 106.2 72.2 134.0

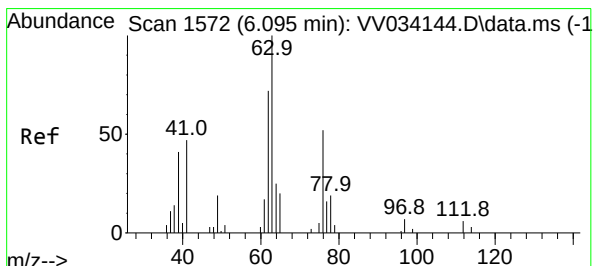
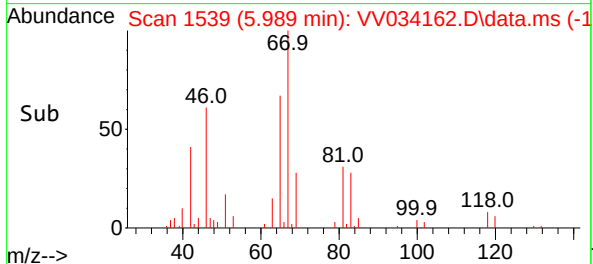
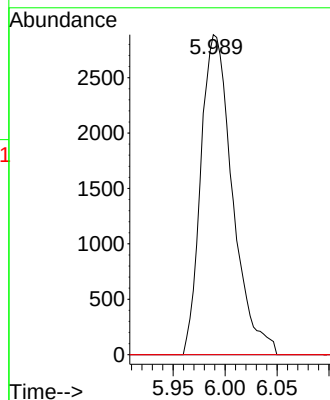
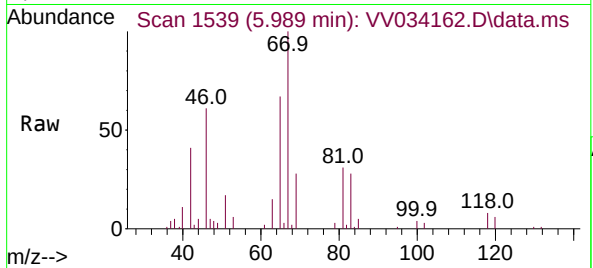




#35
Methylcyclohexane
Concen: 0.629 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV034162.D
Acq: 13 Feb 2024 19:07

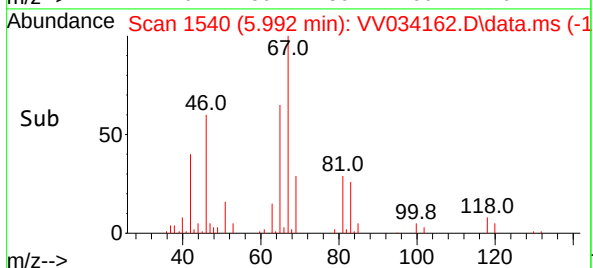
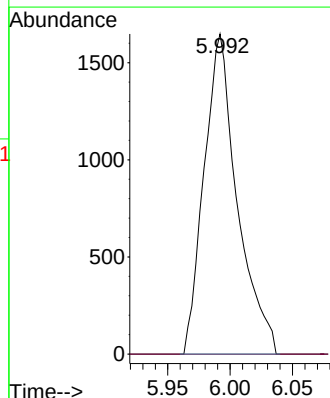
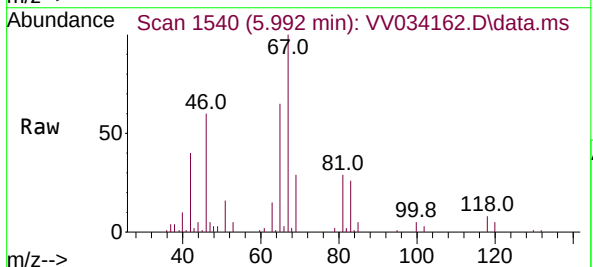
Instrument :
MSVOA_V
ClientSampleId :

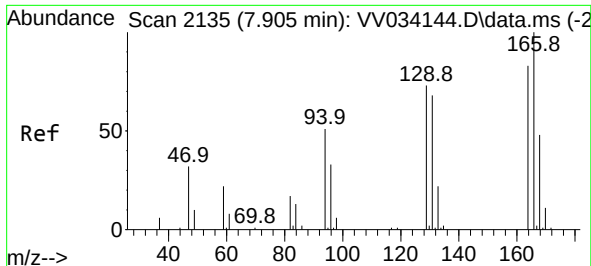
Tgt Ion: 83 Resp: 6110
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV034162.D
Acq: 13 Feb 2024 19:07

Tgt Ion: 63 Resp: 3051
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 15.758 ug/L

RT: 7.905 min Scan# 2192

Delta R.T. -0.000 min

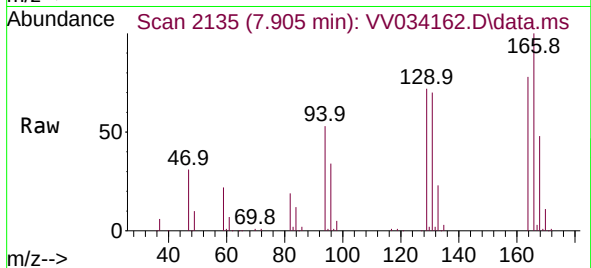
Lab File: VV034162.D

Acq: 13 Feb 2024 19:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 79272

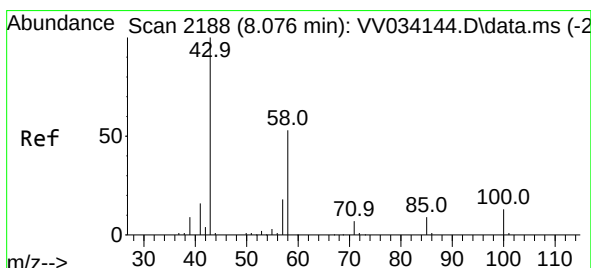
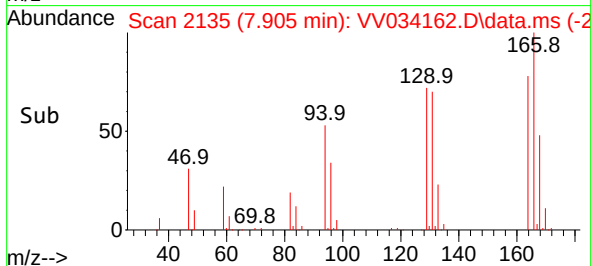
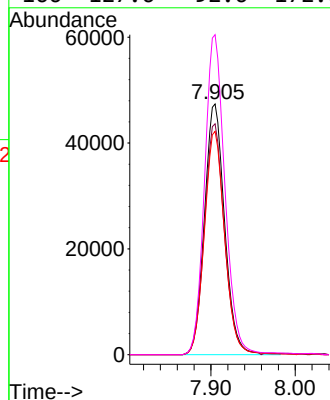
Ion Ratio Lower Upper

164 100

129 92.1 67.8 125.8

131 89.0 63.0 117.0

166 127.6 92.6 172.0



#48

2-Hexanone

Concen: 2.985 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.013 min

Lab File: VV034162.D

Acq: 13 Feb 2024 19:07

Tgt Ion: 43 Resp: 5221

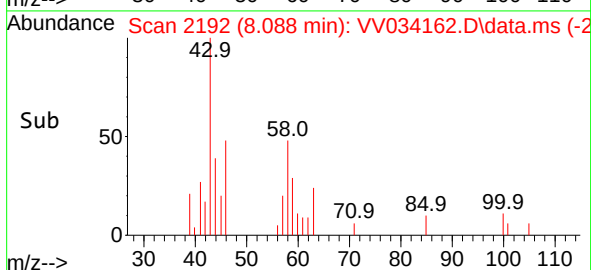
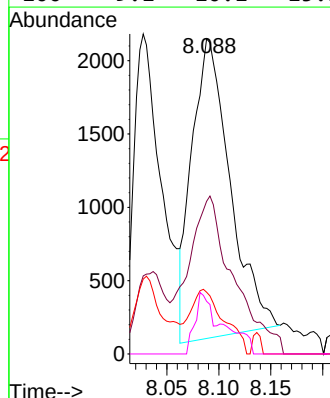
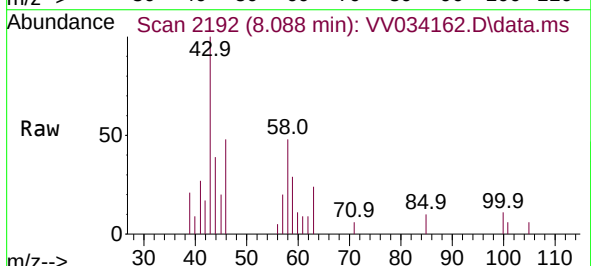
Ion Ratio Lower Upper

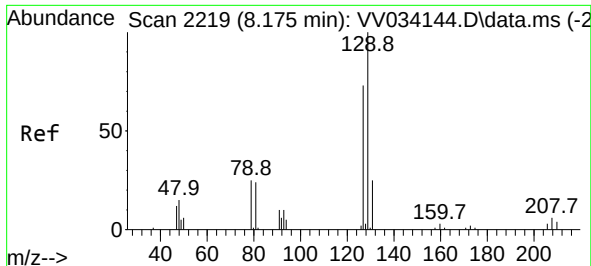
43 100

58 62.8 42.6 64.0

57 19.5 15.5 23.3

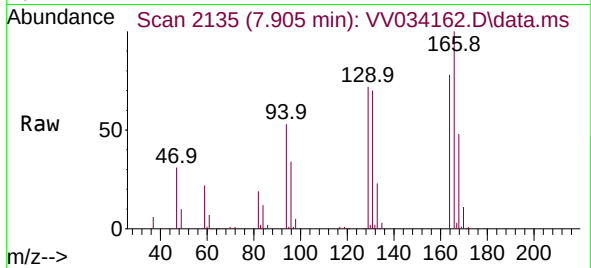
100 9.1 10.1 15.1#



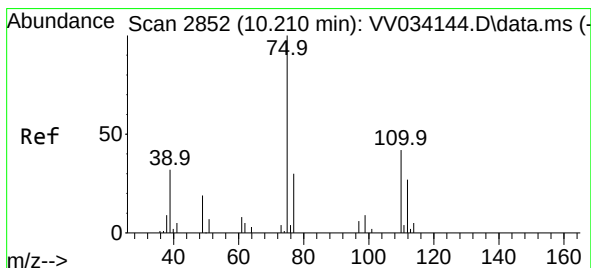
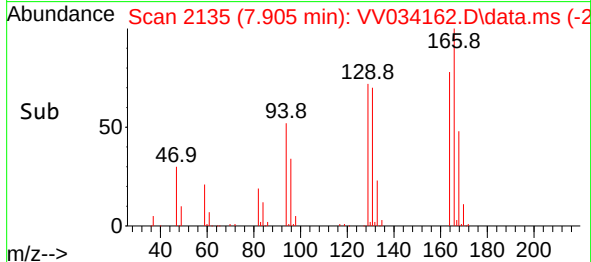
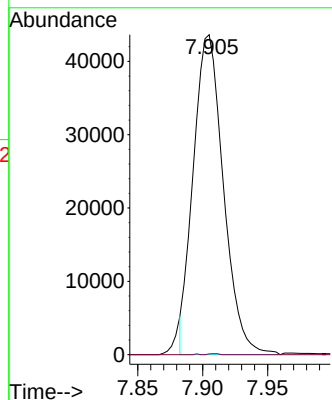


#49
Dibromochloromethane
Concen: 18.496 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.270 min
Lab File: VV034162.D
Acq: 13 Feb 2024 19:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:129 Resp: 70327
Ion Ratio Lower Upper
129 100
127 0.2 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.697 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV034162.D
Acq: 13 Feb 2024 19:07

Tgt Ion: 75 Resp: 4362
Ion Ratio Lower Upper
75 100
77 38.7 26.9 40.3
110 2.2 33.3 49.9#

