

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021324\
 Data File : VW034163.D
 Acq On : 13 Feb 2024 19:31
 Operator : SY/MD
 Sample : P1455-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 14 01:46:40 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)

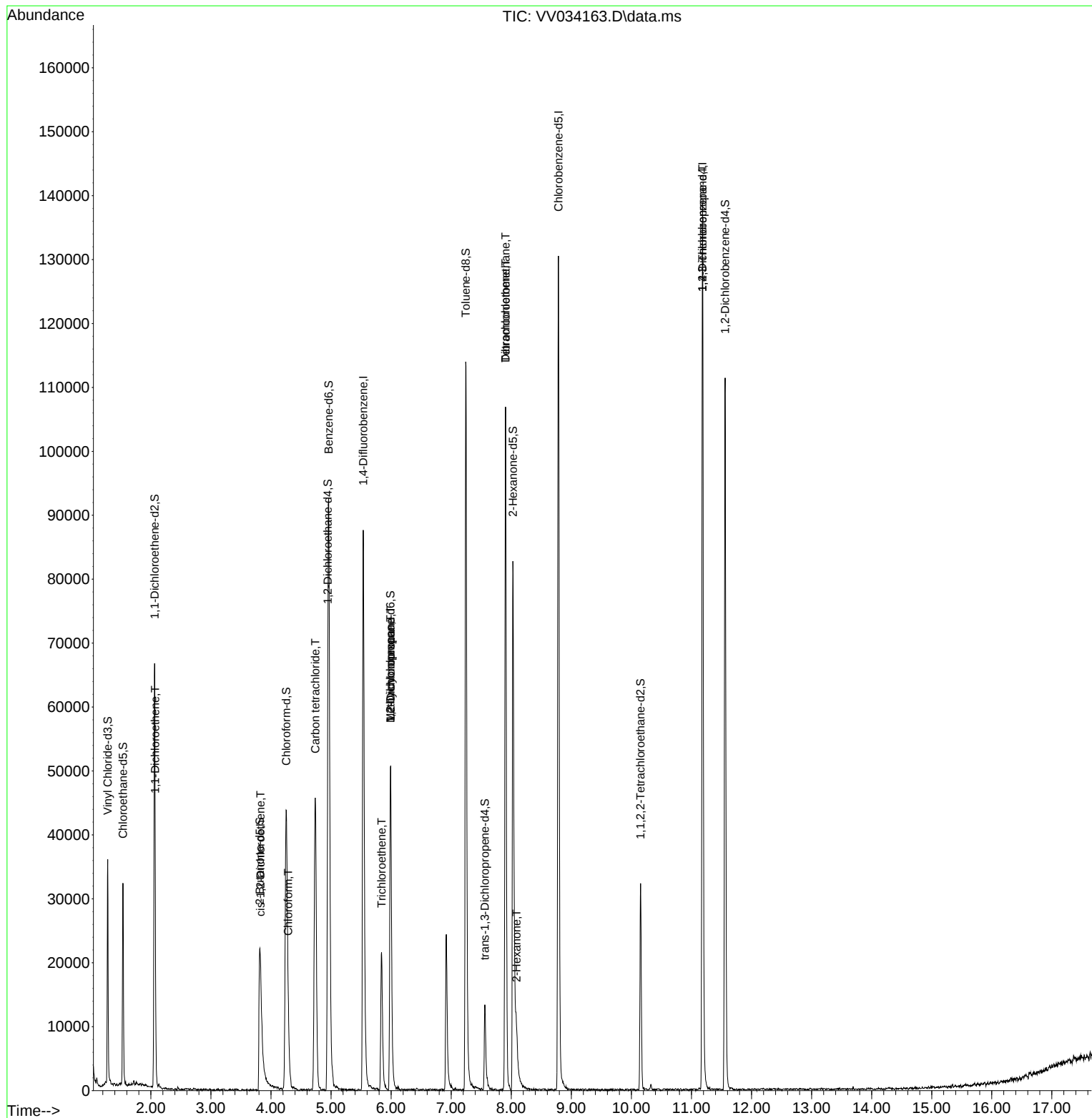
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	76872	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36710	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	21334	3.583	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.536	69	19206	3.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.063	65	10707	3.729	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.812	46	37402	37.406	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.820%
24) Chloroform-d	4.252	84	45545	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	4.947	65	22245	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	4.960	84	84284	3.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	5.989	67	23424	3.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.600%
41) Toluene-d8	7.243	98	77945	3.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.561	79	9441	4.142	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.027	63	28864	35.474	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.940%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	14236	3.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	28084	4.207	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.073	96	2088	0.389	ug/L #	1
22) cis-1,2-Dichloroethene	3.825	96	2654	0.428	ug/L	92
25) Chloroform	4.285	83	9678	0.953	ug/L	97
31) Carbon tetrachloride	4.738	117	35361	4.182	ug/L	96
34) Trichloroethene	5.841	95	7728	1.237	ug/L	95
35) Methylcyclohexane	5.989	83	6332	0.646	ug/L #	22
37) 1,2-Dichloropropane	5.992	63	2985	0.571	ug/L #	87
47) Tetrachloroethene	7.905	164	22816	4.494	ug/L	100
48) 2-Hexanone	8.088	43	5018	2.843	ug/L #	66
49) Dibromochloromethane	7.905	129	20886	5.443	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4137	1.639	ug/L #	60

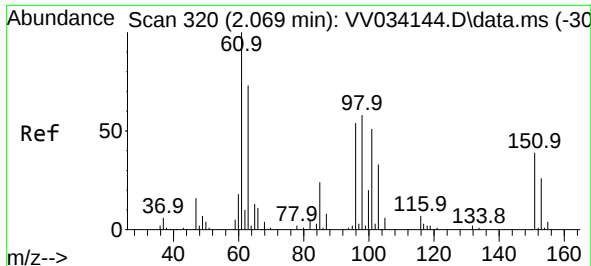
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 14 01:41:00 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.389 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034163.D

Acq: 13 Feb 2024 19:31

Instrument :

MSVOA_V

ClientSampleId :

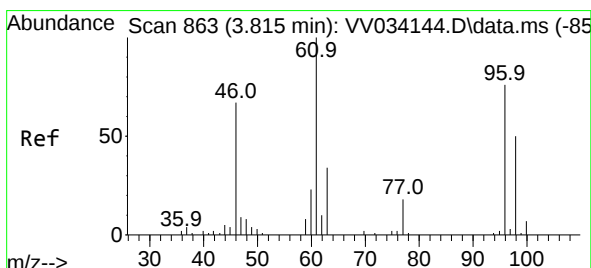
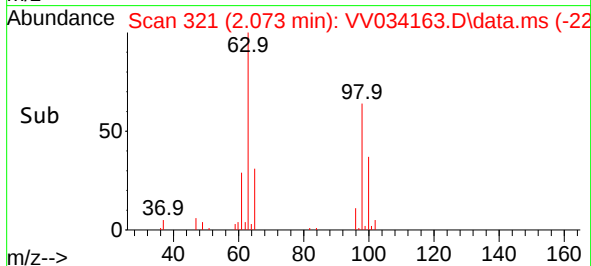
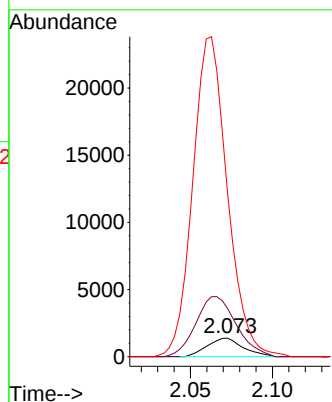
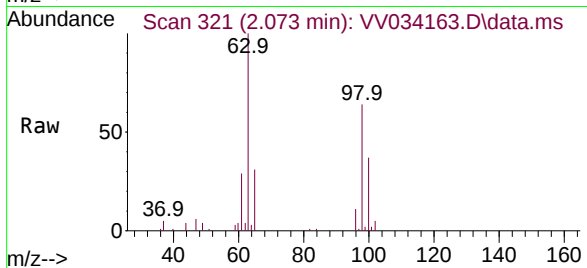
Tgt Ion: 96 Resp: 2088

Ion Ratio Lower Upper

96 100

61 262.2 128.8 239.2#

63 895.1 97.9 181.9#



#22

cis-1,2-Dichloroethene

Concen: 0.428 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.010 min

Lab File: VV034163.D

Acq: 13 Feb 2024 19:31

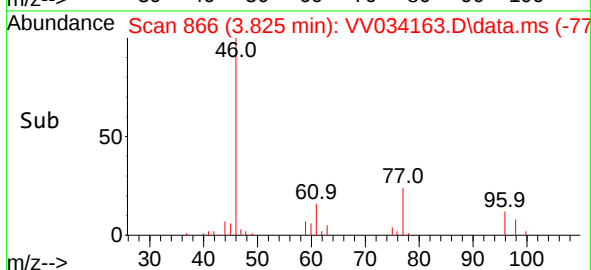
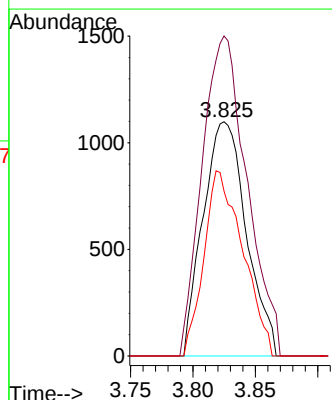
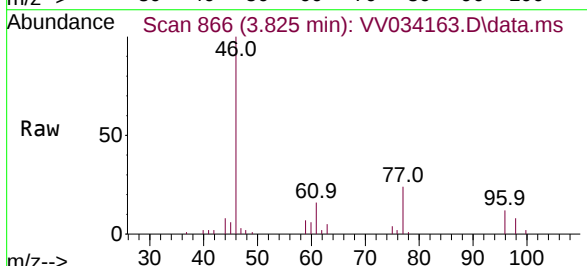
Tgt Ion: 96 Resp: 2654

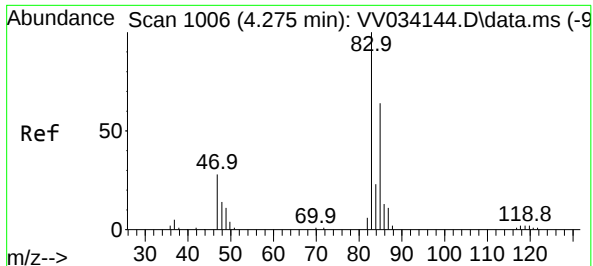
Ion Ratio Lower Upper

96 100

61 136.6 90.3 167.7

98 70.3 43.2 80.2





#25

Chloroform

Concen: 0.953 ug/L

RT: 4.285 min Scan# 1150

Delta R.T. 0.010 min

Lab File: VV034163.D

Acq: 13 Feb 2024 19:31

Instrument :

MSVOA_V

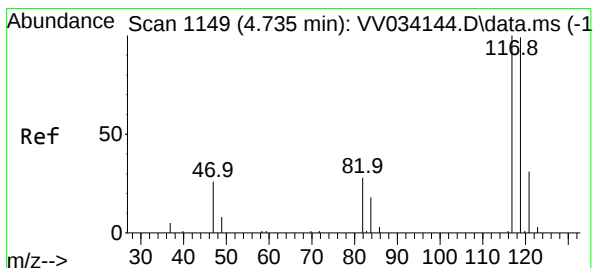
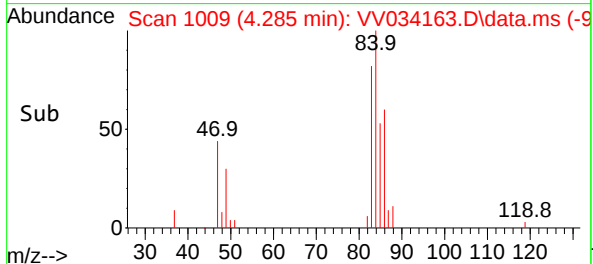
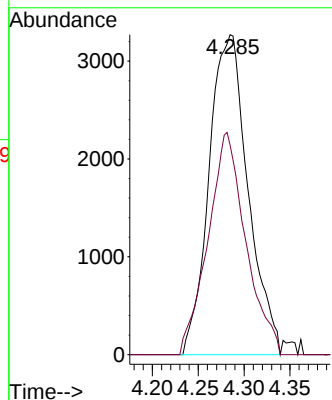
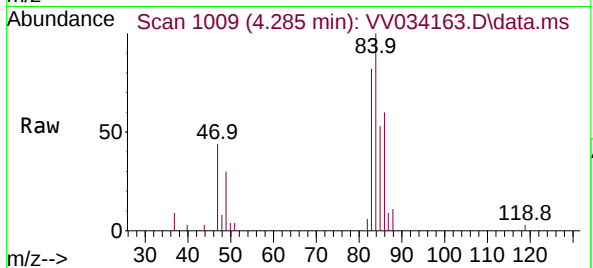
ClientSampleId :

Tgt Ion: 83 Resp: 9678

Ion Ratio Lower Upper

83 100

85 65.4 47.5 88.1



#31

Carbon tetrachloride

Concen: 4.182 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV034163.D

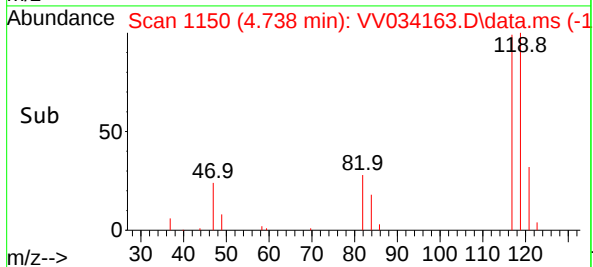
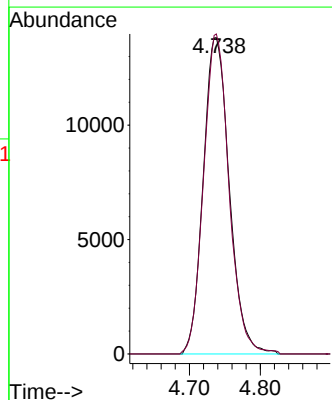
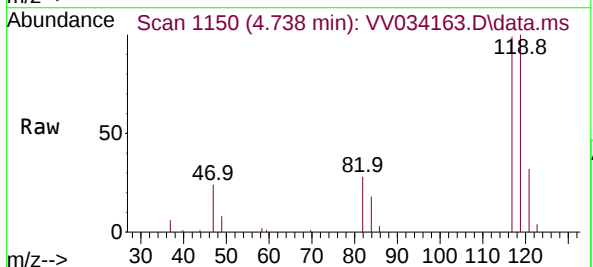
Acq: 13 Feb 2024 19:31

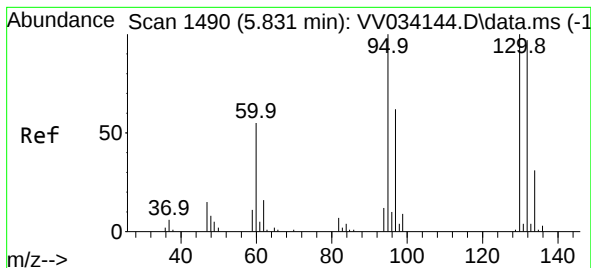
Tgt Ion: 117 Resp: 35361

Ion Ratio Lower Upper

117 100

119 98.7 76.1 114.1





#34

Trichloroethene

Concen: 1.237 ug/L

RT: 5.841 min Scan# 1490

Delta R.T. 0.010 min

Lab File: VV034163.D

Acq: 13 Feb 2024 19:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 7728

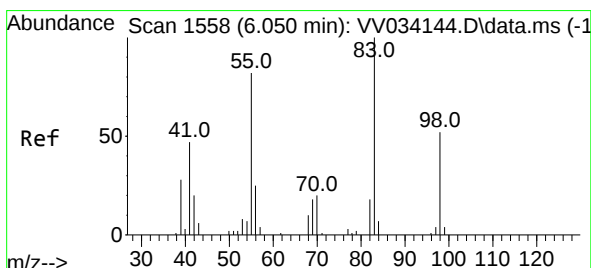
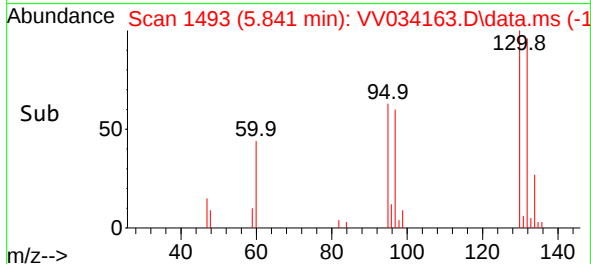
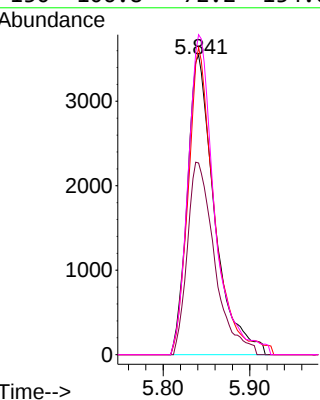
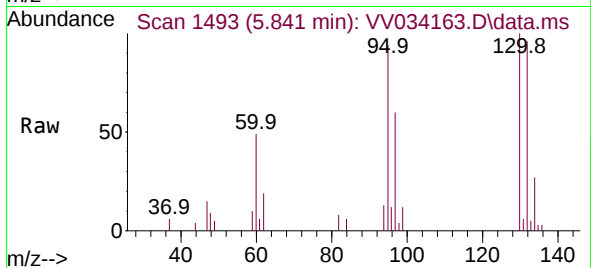
Ion Ratio Lower Upper

95 100

97 64.0 45.1 83.7

132 102.5 66.0 122.6

130 106.8 72.2 134.0



#35

Methylcyclohexane

Concen: 0.646 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV034163.D

Acq: 13 Feb 2024 19:31

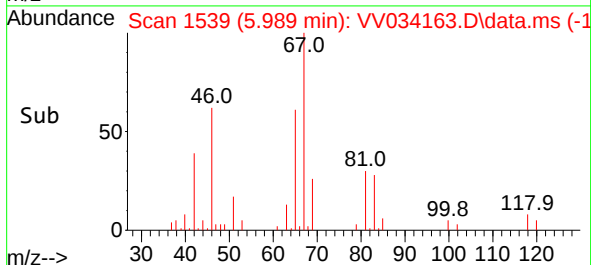
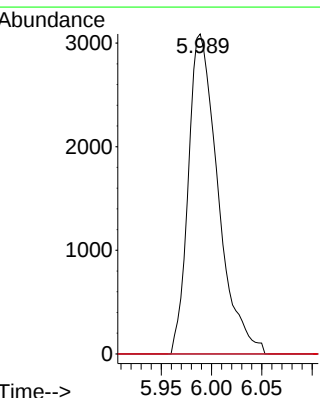
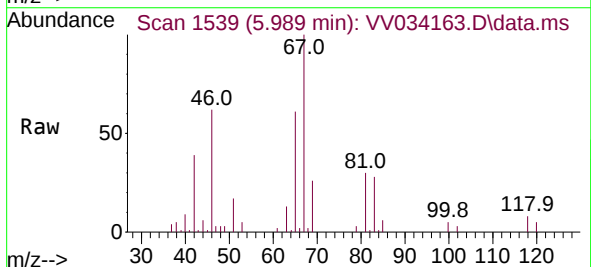
Tgt Ion: 83 Resp: 6332

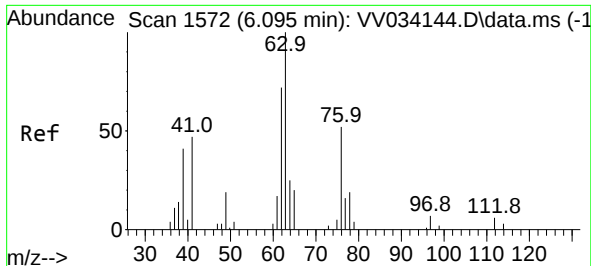
Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 10.2 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034163.D

Acq: 13 Feb 2024 19:31

Instrument :

MSVOA_V

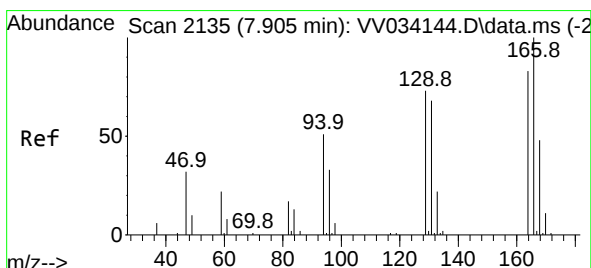
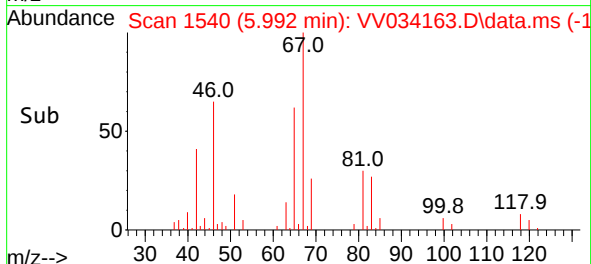
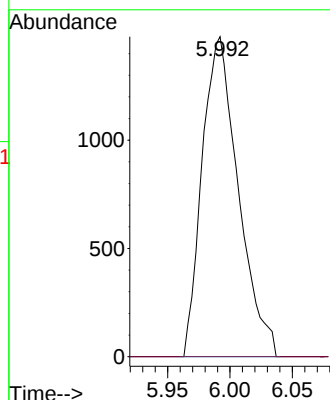
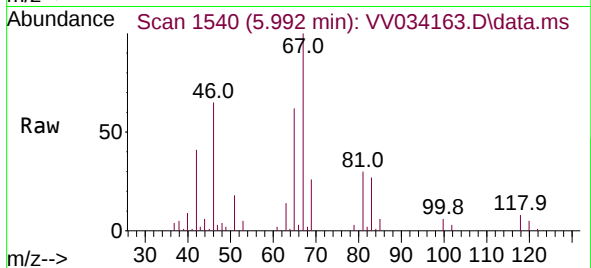
ClientSampleId :

Tgt Ion: 63 Resp: 2985

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#47

Tetrachloroethene

Concen: 4.494 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV034163.D

Acq: 13 Feb 2024 19:31

Tgt Ion:164 Resp: 22816

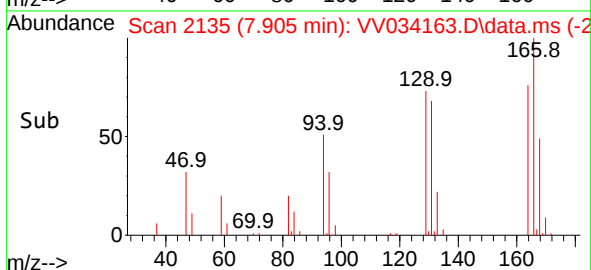
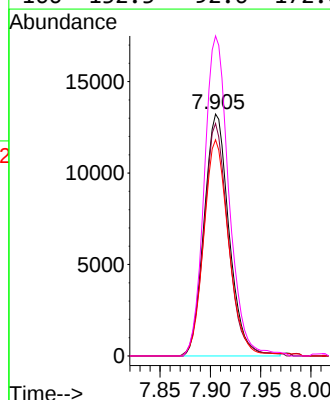
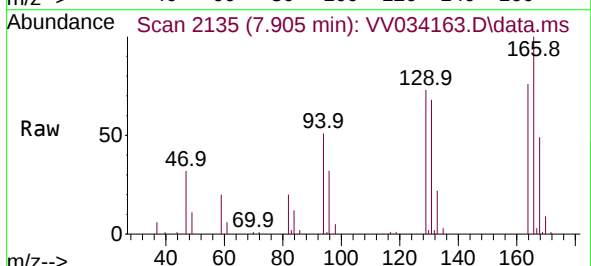
Ion Ratio Lower Upper

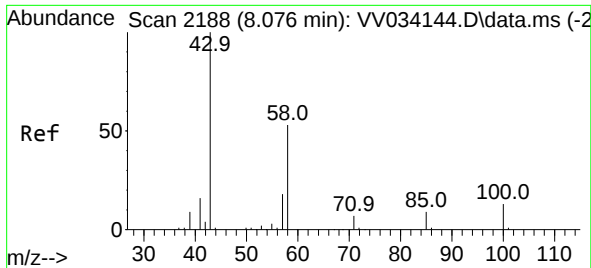
164 100

129 96.1 67.8 125.8

131 89.4 63.0 117.0

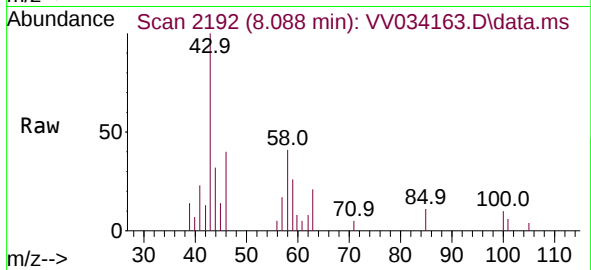
166 132.3 92.6 172.0



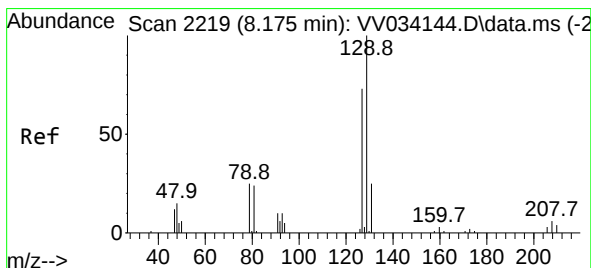
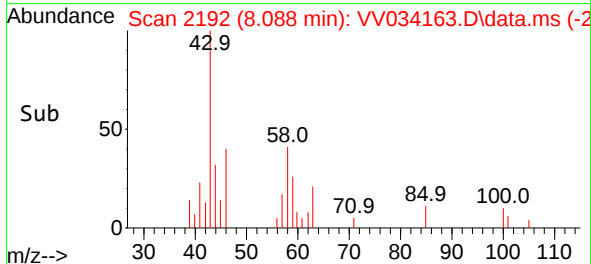
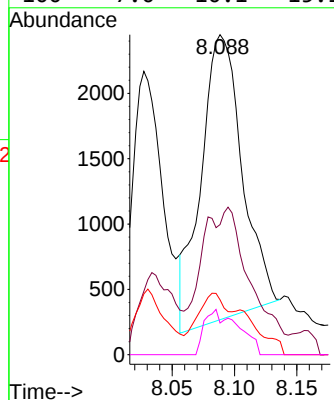


#48
2-Hexanone
Concen: 2.843 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.013 min
Lab File: VV034163.D
Acq: 13 Feb 2024 19:31

Instrument :
MSVOA_V
ClientSampleId :

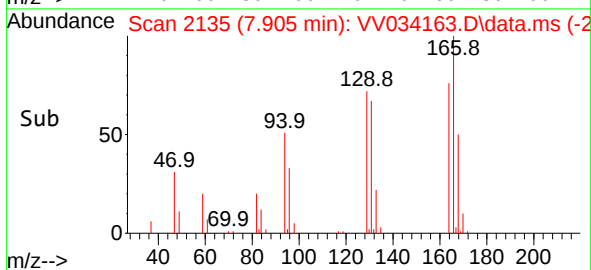
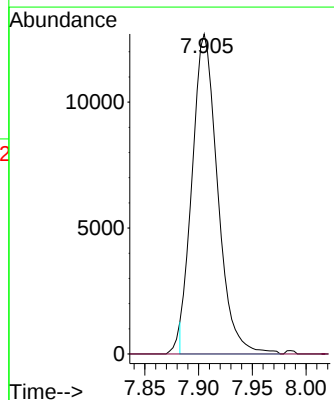
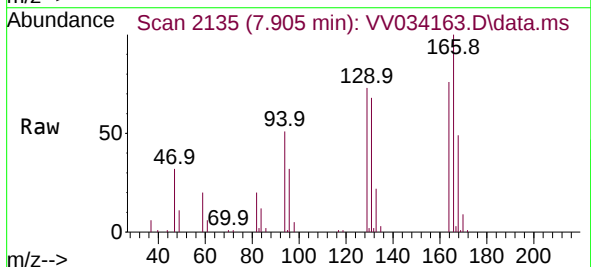


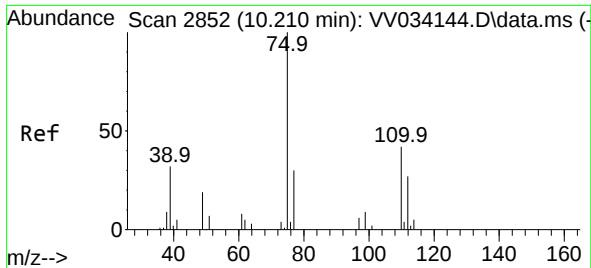
Tgt Ion: 43 Resp: 5018
Ion Ratio Lower Upper
43 100
58 22.8 42.6 64.0#
57 9.4 15.5 23.3#
100 7.0 10.1 15.1#



#49
Dibromochloromethane
Concen: 5.443 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.270 min
Lab File: VV034163.D
Acq: 13 Feb 2024 19:31

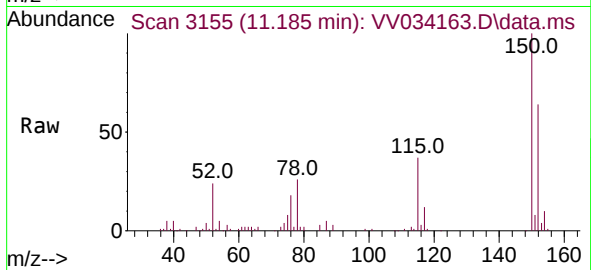
Tgt Ion: 129 Resp: 20886
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.639 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV034163.D
 Acq: 13 Feb 2024 19:31

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 4137
 Ion Ratio Lower Upper
 75 100
 77 38.3 26.9 40.3
 110 0.0 33.3 49.9#

