

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021324\
 Data File : VW034155.D
 Acq On : 13 Feb 2024 15:10
 Operator : SY/MD
 Sample : P1455-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 14 01:44:24 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)

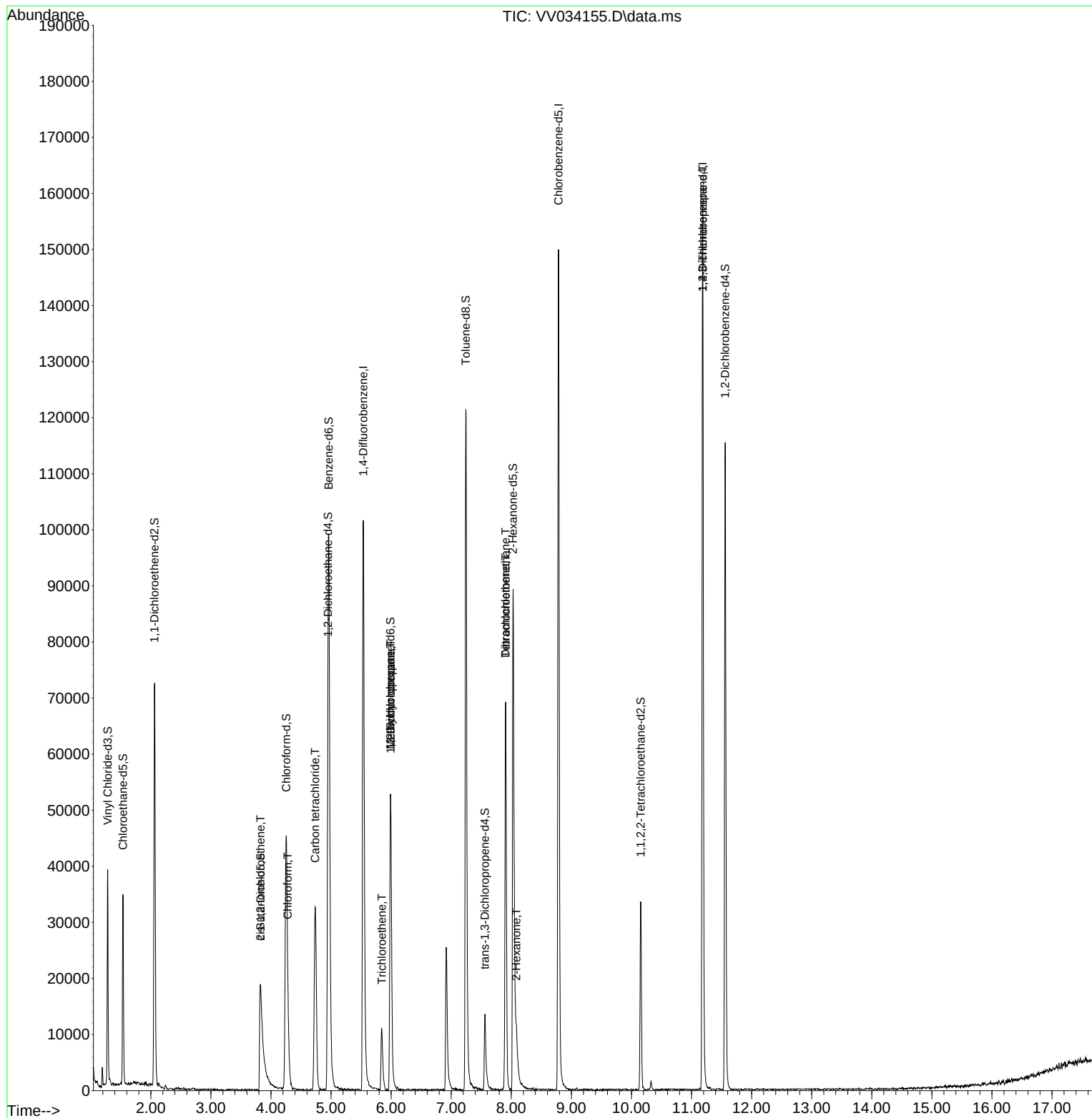
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	89107	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	82163	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	41157	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	23769	3.444	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.536	69	21375	3.536	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.060	65	11804	3.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.825	46	41367	35.691	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.380%
24) Chloroform-d	4.252	84	47850	3.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
26) 1,2-Dichloroethane-d4	4.947	65	23963	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
32) Benzene-d6	4.960	84	89554	3.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
36) 1,2-Dichloropropane-d6	5.989	67	24647	3.577	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.600%
41) Toluene-d8	7.243	98	81829	3.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	7.561	79	9710	3.732	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.027	63	30737	33.092	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.180%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15019	3.595	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	28399	3.794	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.800%#
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	3.825	96	2317	0.322	ug/L	97
25) Chloroform	4.278	83	7816	0.664	ug/L	95
31) Carbon tetrachloride	4.735	117	25036	2.594	ug/L	98
34) Trichloroethene	5.844	95	4172	0.585	ug/L	92
35) Methylcyclohexane	5.989	83	6368	0.569	ug/L #	20
37) 1,2-Dichloropropane	5.992	63	3201	0.536	ug/L #	87
47) Tetrachloroethene	7.905	164	15278	2.636	ug/L	95
48) 2-Hexanone	8.085	43	6114	3.034	ug/L #	57
49) Dibromochloromethane	7.905	129	13610	3.107	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4826	1.706	ug/L #	64

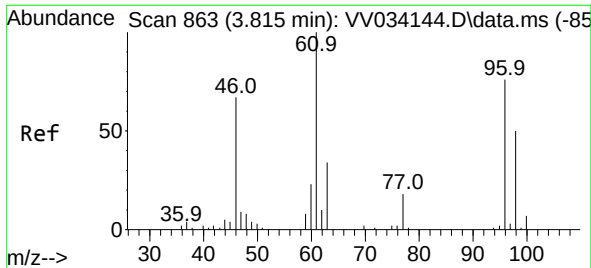
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 14 01:41:00 2024
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.322 ug/L

RT: 3.825 min Scan# 80

Delta R.T. 0.010 min

Lab File: VV034155.D

Acq: 13 Feb 2024 15:10

Instrument :

MSVOA_V

ClientSampleId :

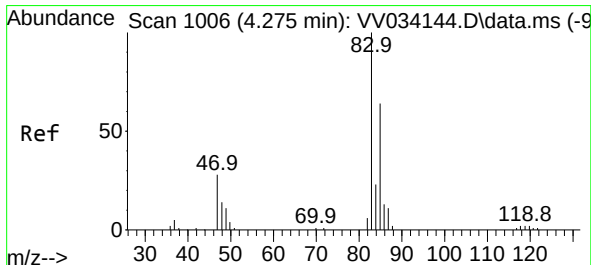
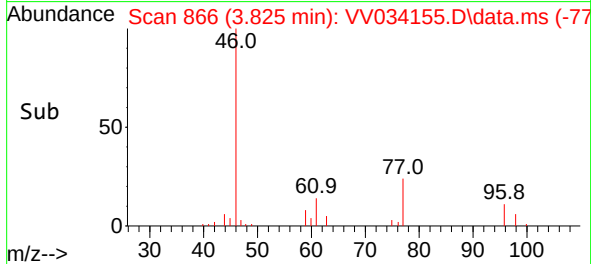
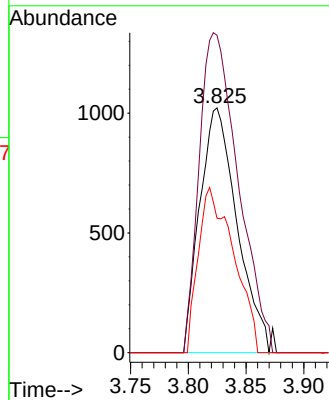
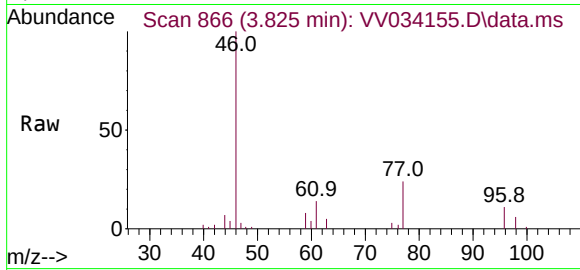
Tgt Ion: 96 Resp: 2317

Ion Ratio Lower Upper

96 100

61 129.6 90.3 167.7

98 54.9 43.2 80.2



#25

Chloroform

Concen: 0.664 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV034155.D

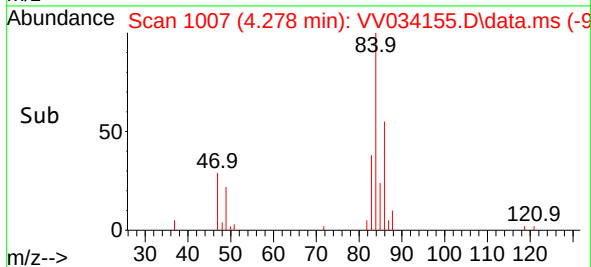
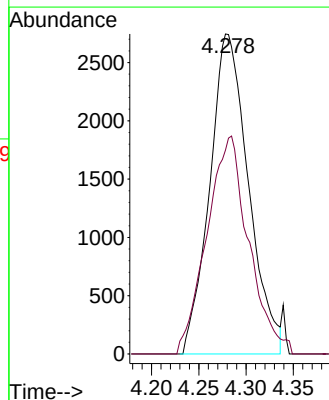
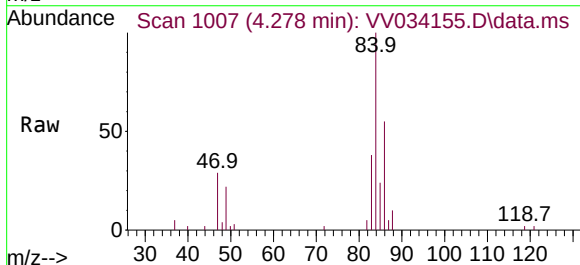
Acq: 13 Feb 2024 15:10

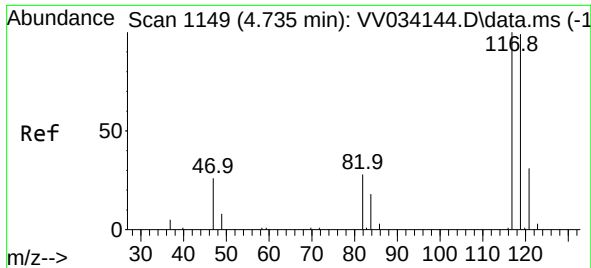
Tgt Ion: 83 Resp: 7816

Ion Ratio Lower Upper

83 100

85 63.7 47.5 88.1

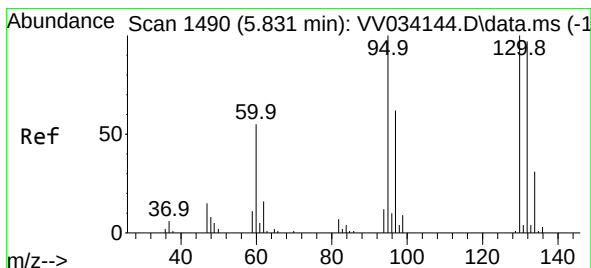
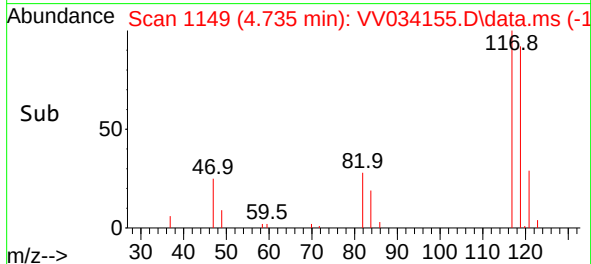
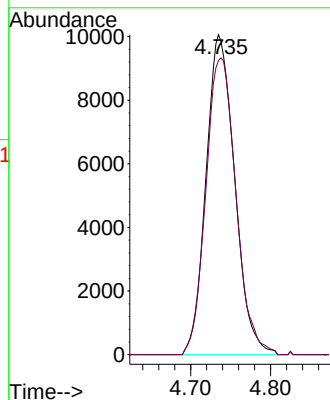
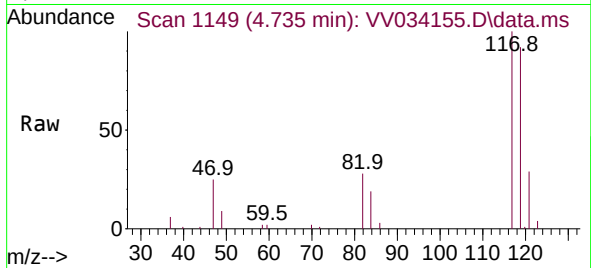




#31
Carbon tetrachloride
Concen: 2.594 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV034155.D
Acq: 13 Feb 2024 15:10

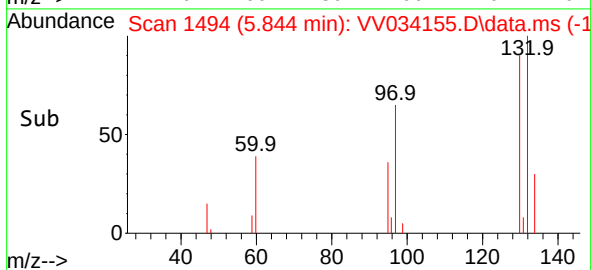
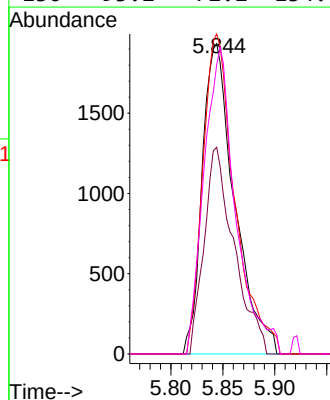
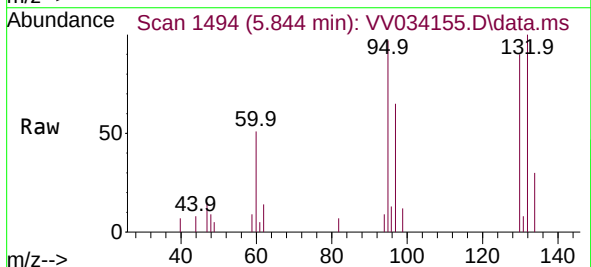
Instrument :
MSVOA_V
ClientSampleId :

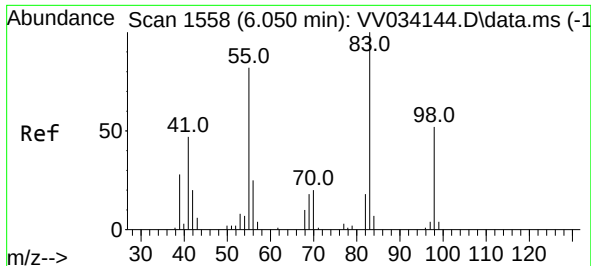
Tgt Ion:117 Resp: 25036
Ion Ratio Lower Upper
117 100
119 97.4 76.1 114.1



#34
Trichloroethene
Concen: 0.585 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VV034155.D
Acq: 13 Feb 2024 15:10

Tgt Ion: 95 Resp: 4172
Ion Ratio Lower Upper
95 100
97 66.6 45.1 83.7
132 103.2 66.0 122.6
130 93.2 72.2 134.0





#35

Methylcyclohexane

Concen: 0.569 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.061 min

Lab File: VV034155.D

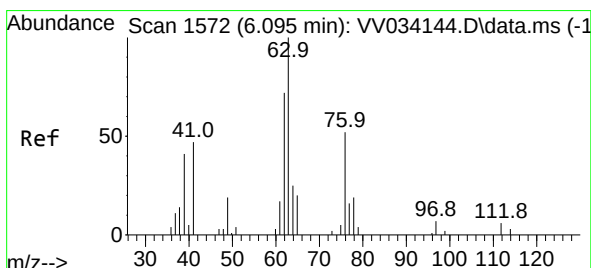
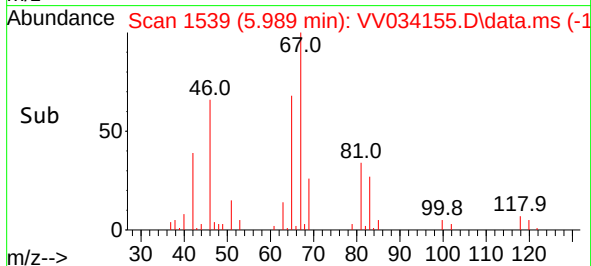
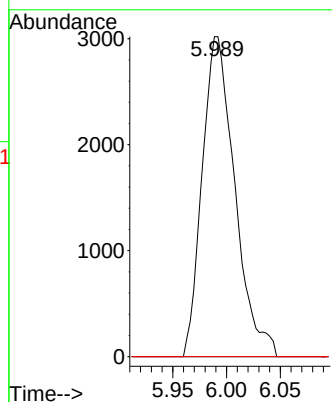
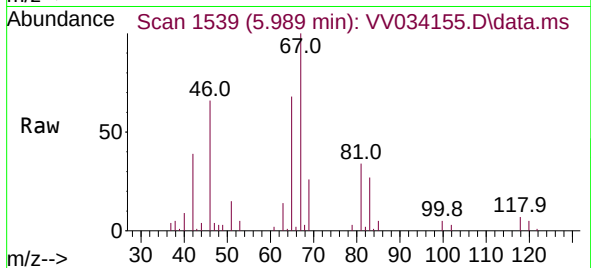
Acq: 13 Feb 2024 15:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 6368
Ion Ratio	Lower Upper
83 100	
55 0.0	63.5 95.3#
98 5.2	39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.536 ug/L

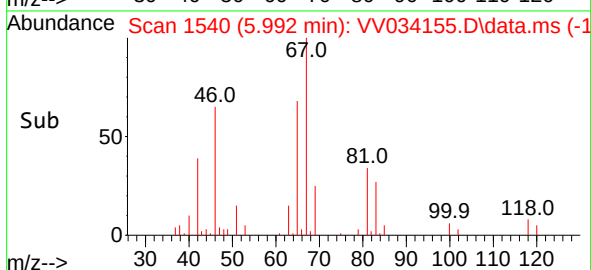
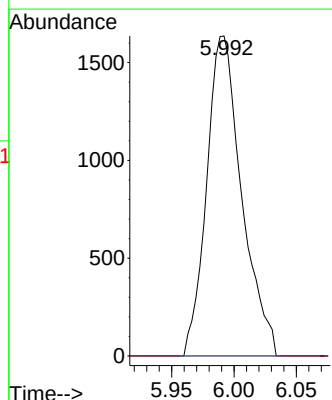
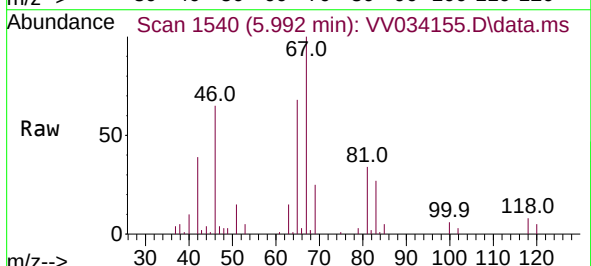
RT: 5.992 min Scan# 1540

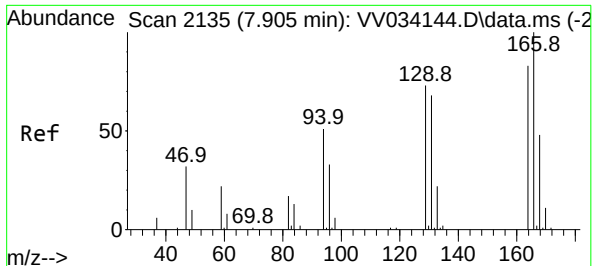
Delta R.T. -0.103 min

Lab File: VV034155.D

Acq: 13 Feb 2024 15:10

Tgt Ion: 63	Resp: 3201
Ion Ratio	Lower Upper
63 100	
112 0.0	3.4 5.0#





#47

Tetrachloroethene

Concen: 2.636 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

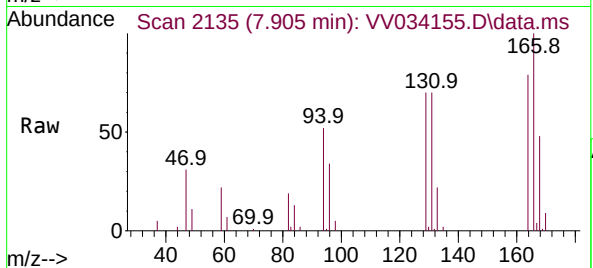
Lab File: VV034155.D

Acq: 13 Feb 2024 15:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 15278

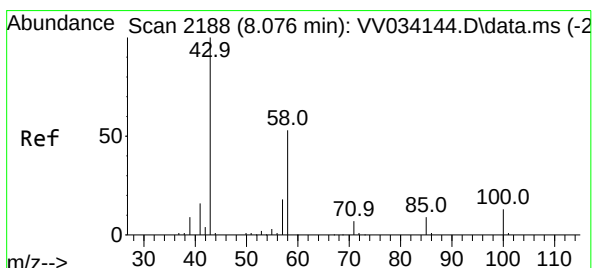
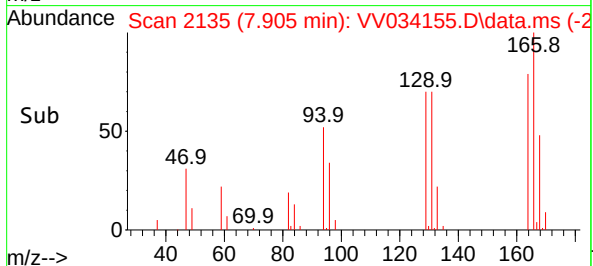
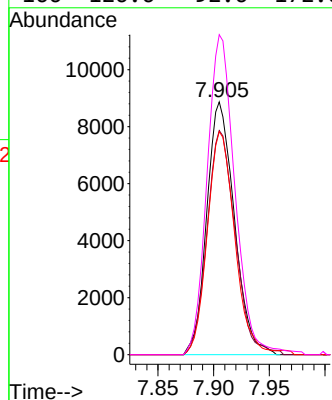
Ion Ratio Lower Upper

164 100

129 88.7 67.8 125.8

131 88.3 63.0 117.0

166 126.6 92.6 172.0



#48

2-Hexanone

Concen: 3.034 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. 0.010 min

Lab File: VV034155.D

Acq: 13 Feb 2024 15:10

Tgt Ion: 43 Resp: 6114

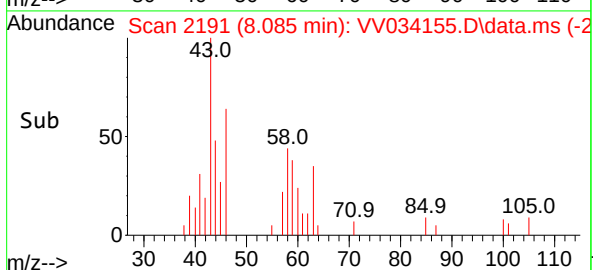
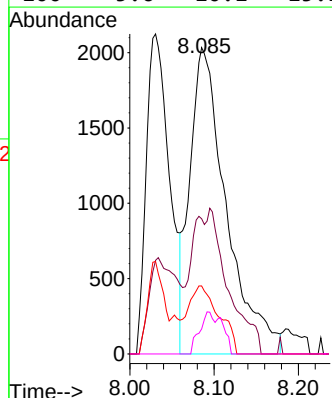
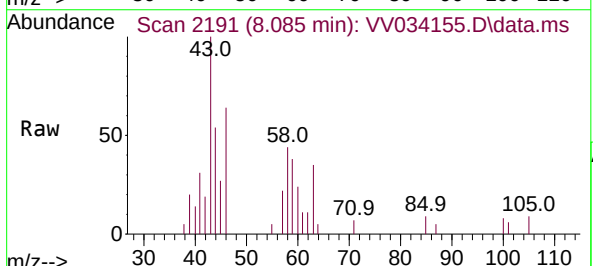
Ion Ratio Lower Upper

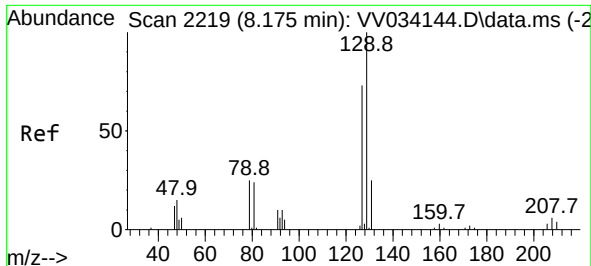
43 100

58 7.5 42.6 64.0#

57 19.1 15.5 23.3

100 5.6 10.1 15.1#





#49

Dibromochloromethane

Concen: 3.107 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034155.D

Acq: 13 Feb 2024 15:10

Instrument :

MSVOA_V

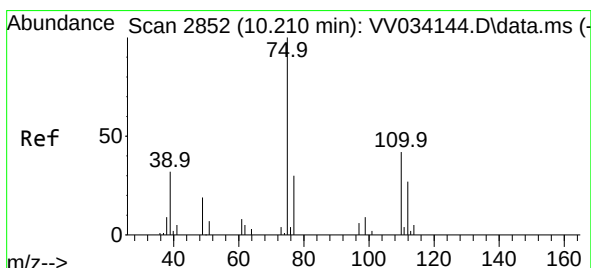
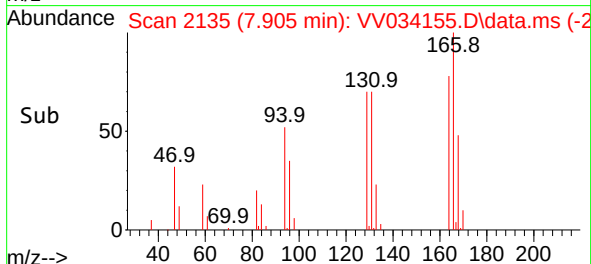
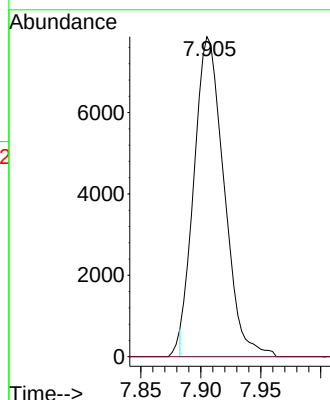
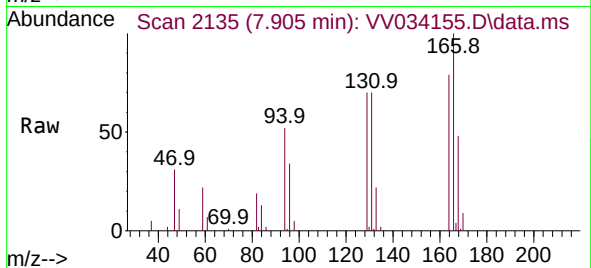
ClientSampleId :

Tgt Ion:129 Resp: 13610

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.706 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034155.D

Acq: 13 Feb 2024 15:10

Tgt Ion: 75 Resp: 4826

Ion Ratio Lower Upper

75 100

77 33.1 26.9 40.3

110 0.9 33.3 49.9#

