

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022624\
 Data File : VV034417.D
 Acq On : 26 Feb 2024 19:07
 Operator : SY/MD
 Sample : P1535-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 27 05:08:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 05:05:59 2024
 Response via : Initial Calibration

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

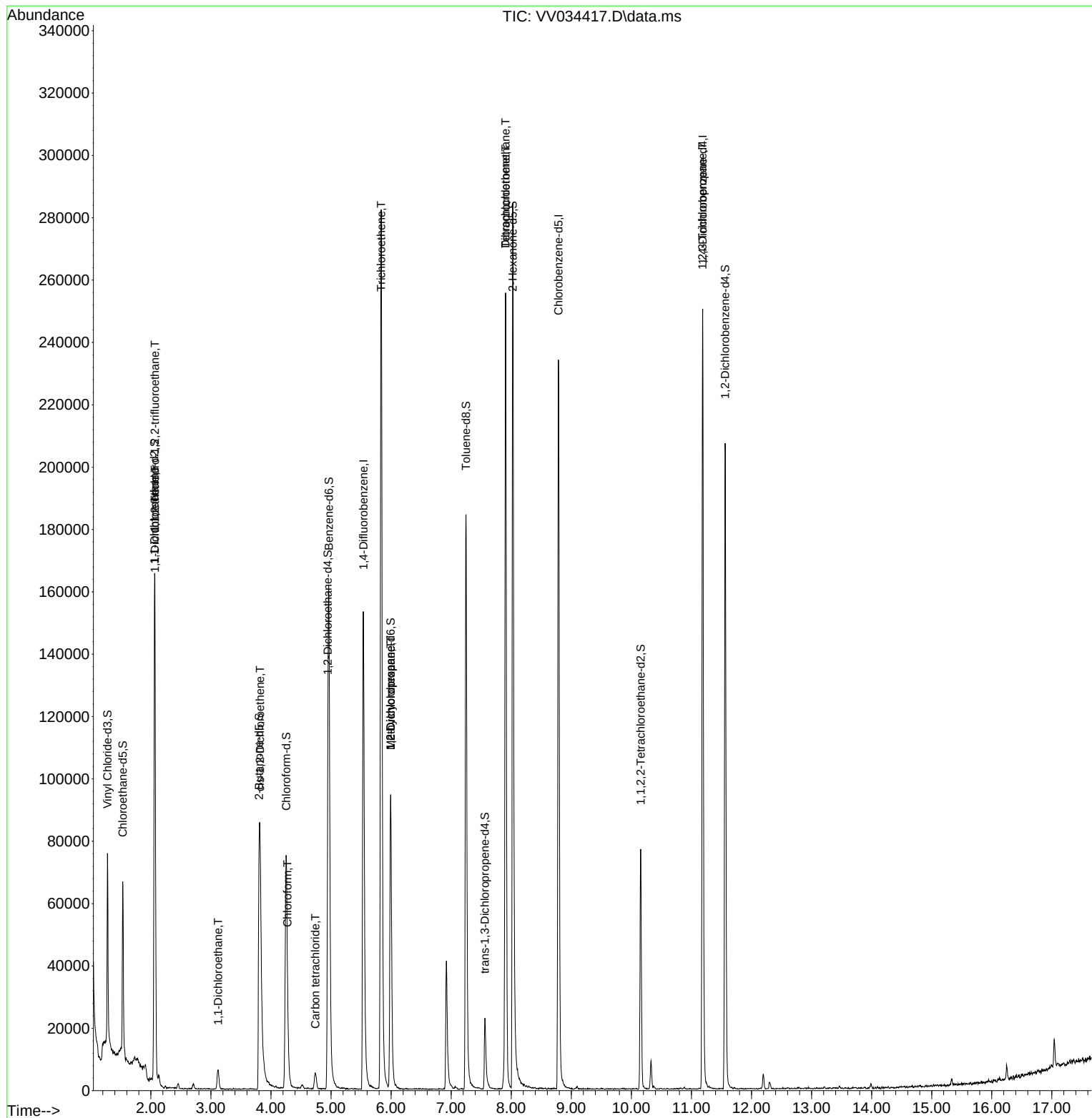
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	134968	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	127867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	64035	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37789	4.823	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.532	69	33083	4.781	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.059	65	17359	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.802	46	111062	54.218	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.440%
24) Chloroform-d	4.252	84	78914	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	4.947	65	42989	5.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	4.963	84	142414	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	5.992	67	44993	5.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.246	98	125454	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.561	79	15371	4.804	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.024	63	103485	57.199	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.400%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36324	5.343	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	52315	5.377	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	3582	0.408	ug/L #	86
12) 1,1-Dichloroethene	2.069	96	23178	2.742	ug/L #	82
19) 1,1-Dichloroethane	3.120	63	7043	0.426	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	21100	2.232	ug/L	95
25) Chloroform	4.275	83	4743	0.276	ug/L	99
31) Carbon tetrachloride	4.738	117	4056	0.292	ug/L	95
34) Trichloroethene	5.834	95	99399	10.756	ug/L	99
35) Methylcyclohexane	5.992	83	11180	0.771	ug/L #	21
37) 1,2-Dichloropropane	5.992	63	5497	0.628	ug/L #	87
47) Tetrachloroethene	7.905	164	55127	7.604	ug/L	96
49) Dibromochloromethane	7.905	129	50205	7.247	ug/L #	11
61) 1,2,3-Trichloropropane	11.184	75	8161	1.652	ug/L #	65

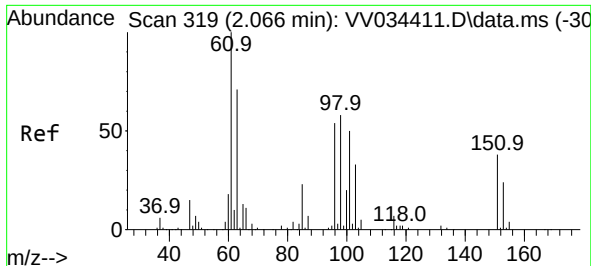
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.408 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034417.D

Acq: 26 Feb 2024 19:07

Instrument :

MSVOA_V

ClientSampleId :

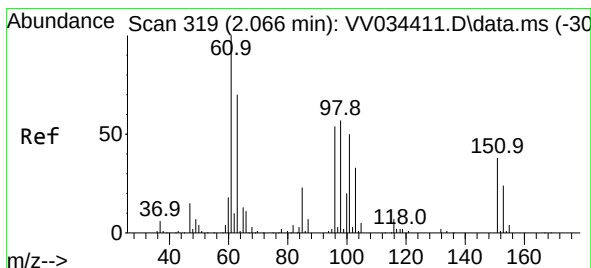
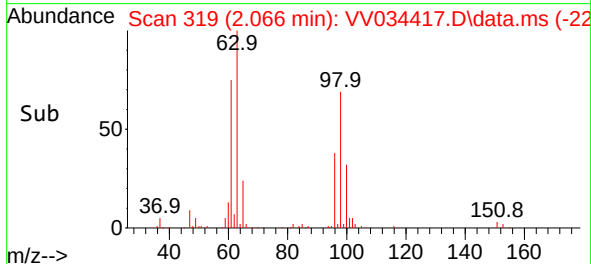
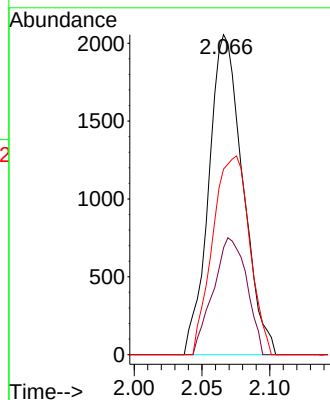
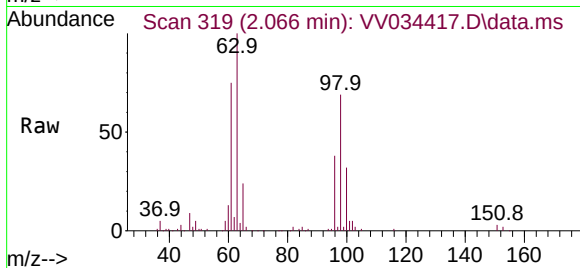
Tgt Ion:101 Resp: 3582

Ion Ratio Lower Upper

101 100

85 36.0 37.9 56.9#

151 67.1 61.8 92.6



#12

1,1-Dichloroethene

Concen: 2.742 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.003 min

Lab File: VV034417.D

Acq: 26 Feb 2024 19:07

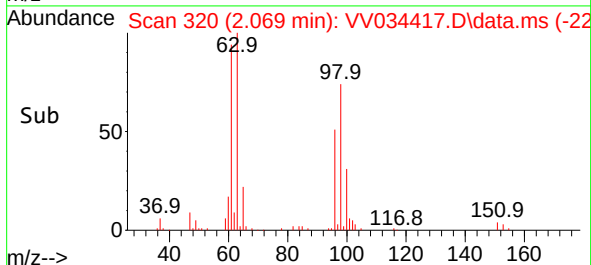
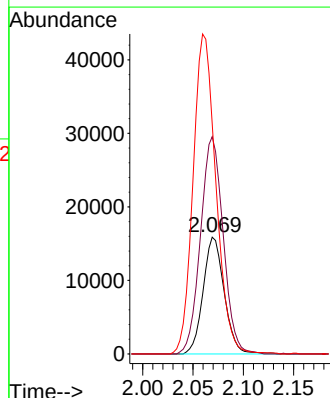
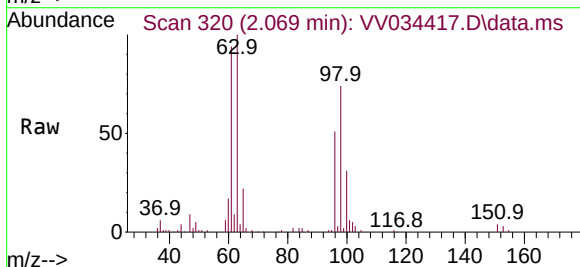
Tgt Ion: 96 Resp: 23178

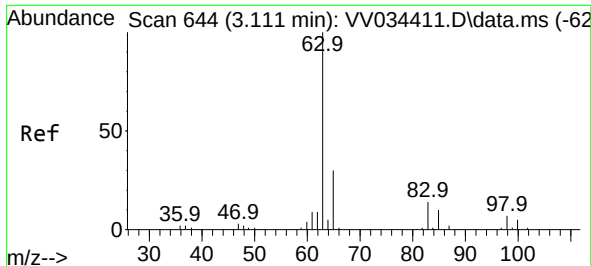
Ion Ratio Lower Upper

96 100

61 186.0 131.3 243.8

63 197.3 102.8 191.0#





#19

1,1-Dichloroethane

Concen: 0.426 ug/L

RT: 3.120 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV034417.D

Acq: 26 Feb 2024 19:07

Instrument :

MSVOA_V

ClientSampleId :

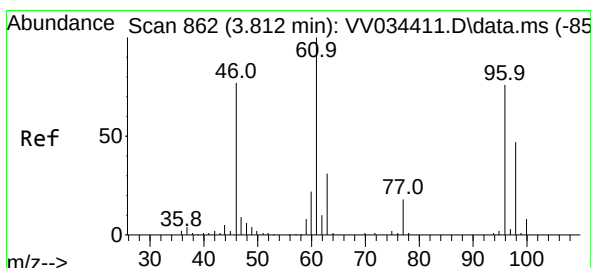
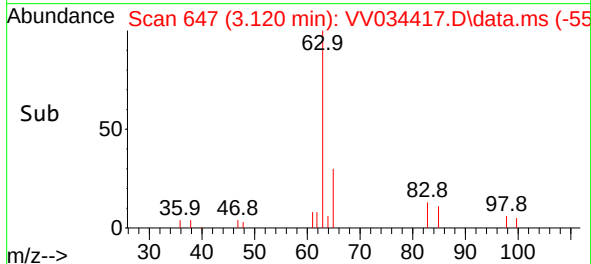
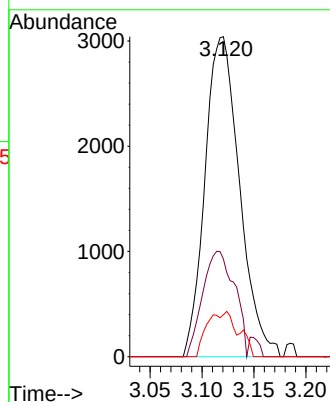
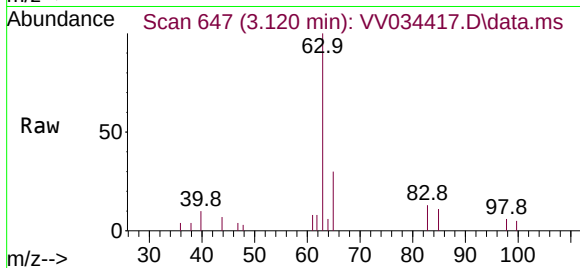
Tgt Ion: 63 Resp: 7043

Ion Ratio Lower Upper

63 100

65 30.5 22.0 41.0

83 13.1 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 2.232 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.006 min

Lab File: VV034417.D

Acq: 26 Feb 2024 19:07

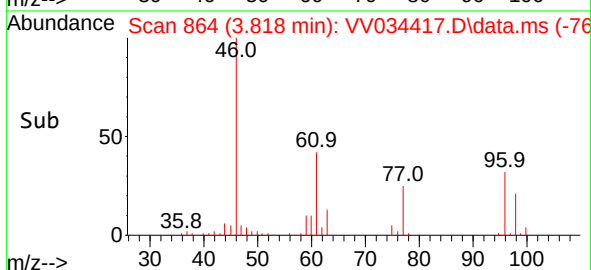
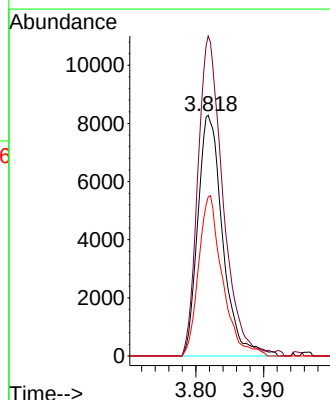
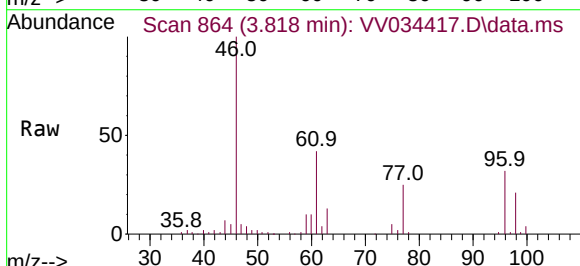
Tgt Ion: 96 Resp: 21100

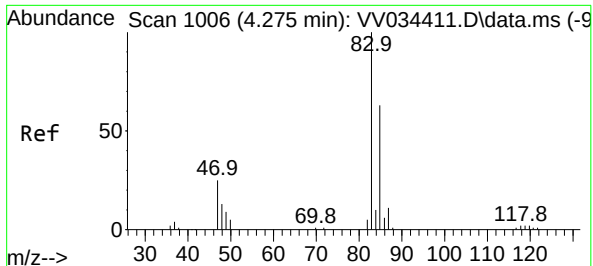
Ion Ratio Lower Upper

96 100

61 133.0 89.7 166.5

98 66.1 42.0 78.0





#25

Chloroform

Concen: 0.276 ug/L

RT: 4.275 min Scan# 1150

Delta R.T. -0.000 min

Lab File: VV034417.D

Acq: 26 Feb 2024 19:07

Instrument :

MSVOA_V

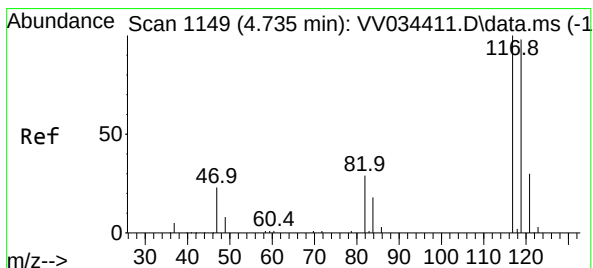
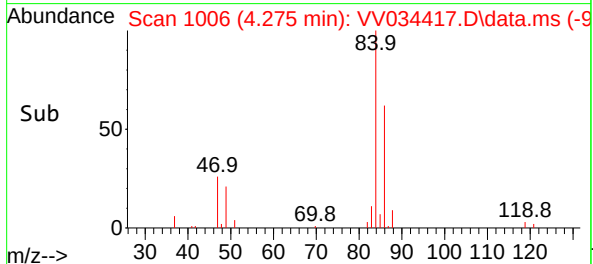
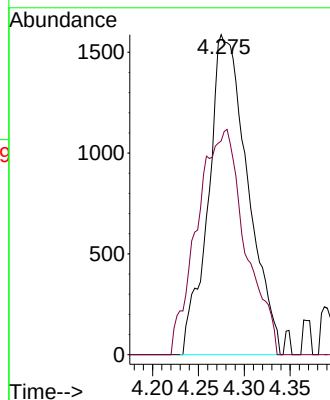
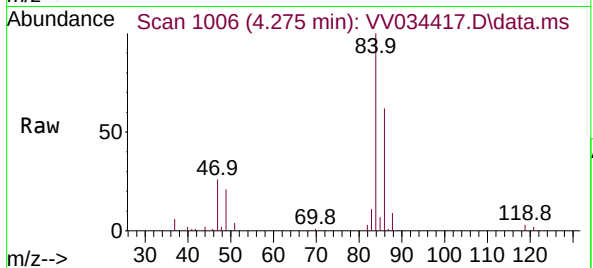
ClientSampleId :

Tgt Ion: 83 Resp: 4743

Ion Ratio Lower Upper

83 100

85 66.8 47.0 87.4



#31

Carbon tetrachloride

Concen: 0.292 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV034417.D

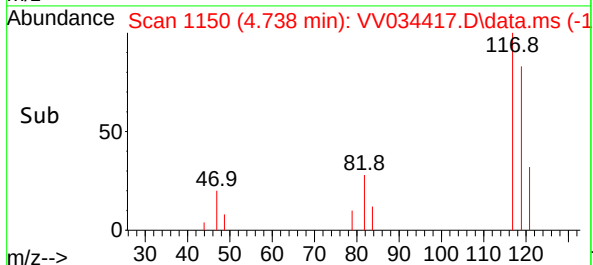
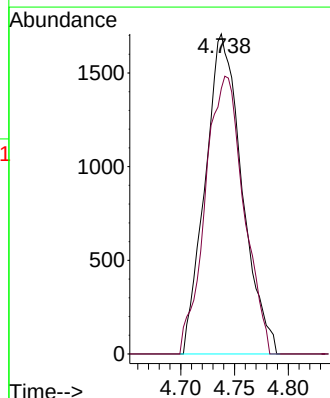
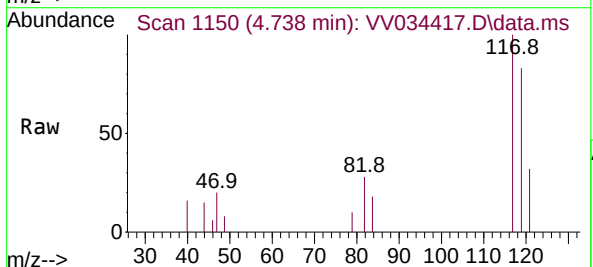
Acq: 26 Feb 2024 19:07

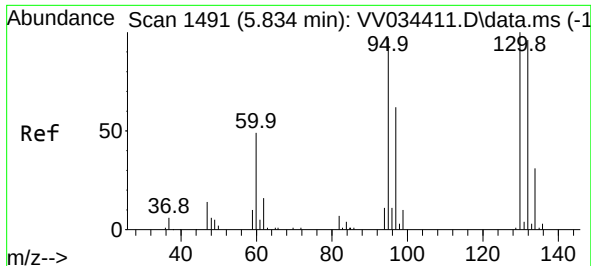
Tgt Ion: 117 Resp: 4056

Ion Ratio Lower Upper

117 100

119 90.9 77.0 115.6



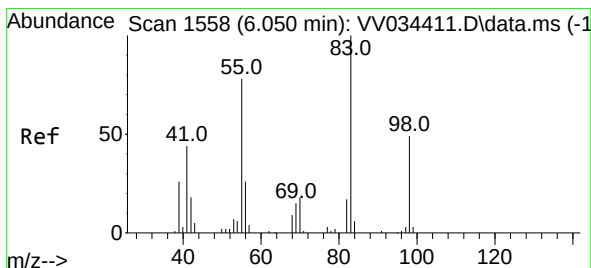
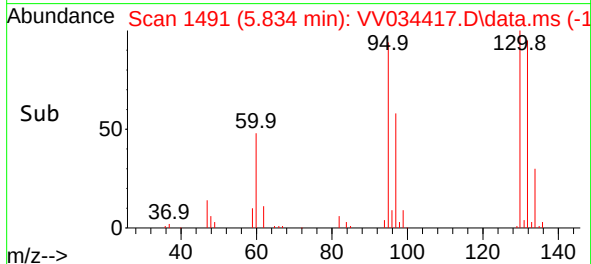
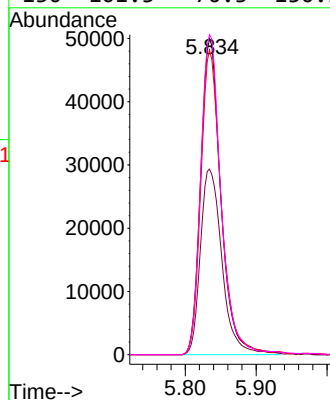
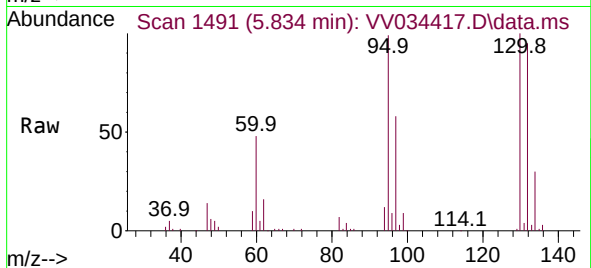


#34
Trichloroethene
Concen: 10.756 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV034417.D
Acq: 26 Feb 2024 19:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 99399

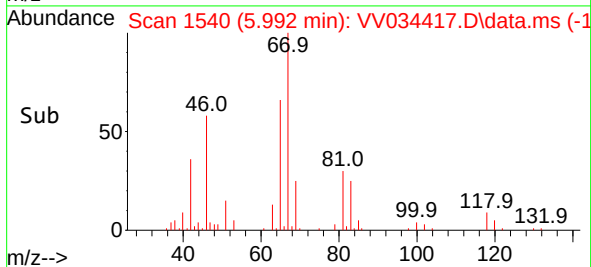
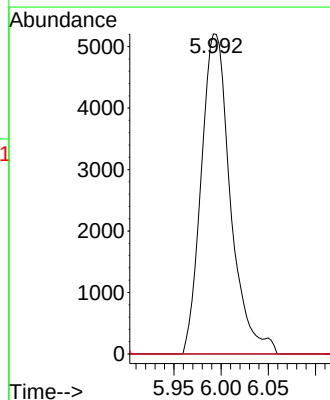
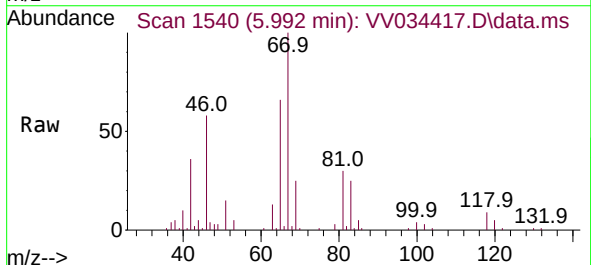
Ion	Ratio	Lower	Upper
95	100		
97	58.7	43.3	80.5
132	96.5	67.8	126.0
130	101.3	70.3	130.5

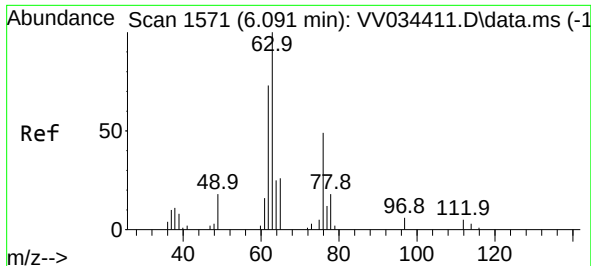


#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV034417.D
Acq: 26 Feb 2024 19:07

Tgt Ion: 83 Resp: 11180

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	6.2	38.1	57.1#





#37

1,2-Dichloropropane

Concen: 0.628 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV034417.D

Acq: 26 Feb 2024 19:07

Instrument :

MSVOA_V

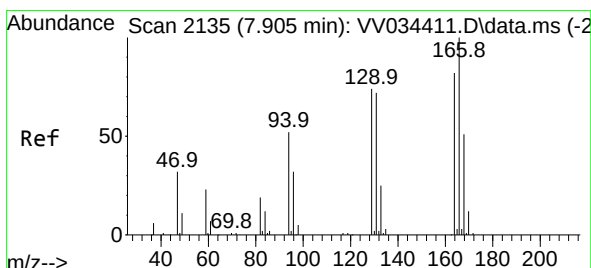
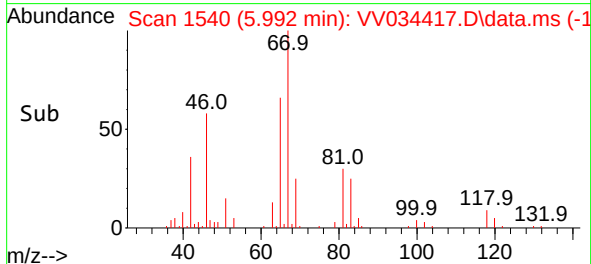
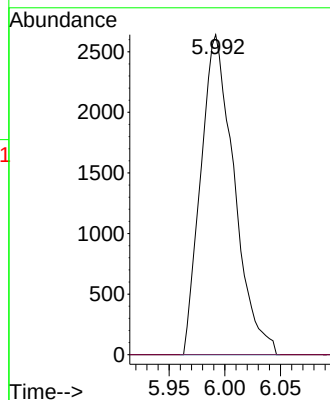
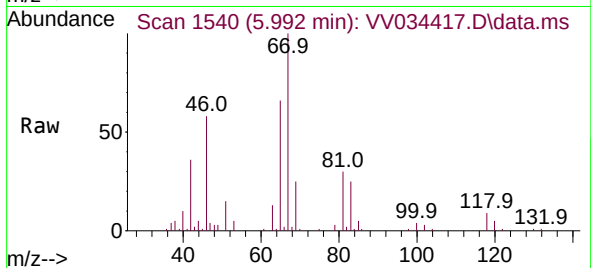
ClientSampleId :

Tgt Ion: 63 Resp: 5497

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#47

Tetrachloroethene

Concen: 7.604 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV034417.D

Acq: 26 Feb 2024 19:07

Tgt Ion:164 Resp: 55127

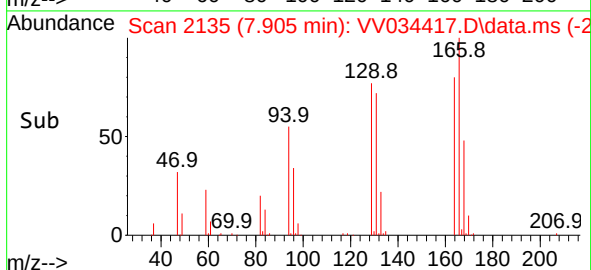
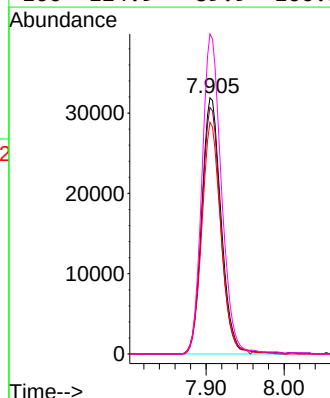
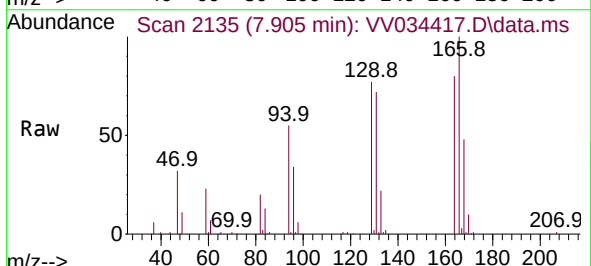
Ion Ratio Lower Upper

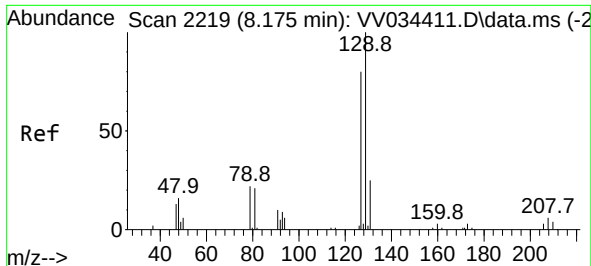
164 100

129 96.1 64.2 119.2

131 90.3 65.9 122.3

166 124.9 89.9 166.9





#49

Dibromochloromethane

Concen: 7.247 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034417.D

Acq: 26 Feb 2024 19:07

Instrument :

MSVOA_V

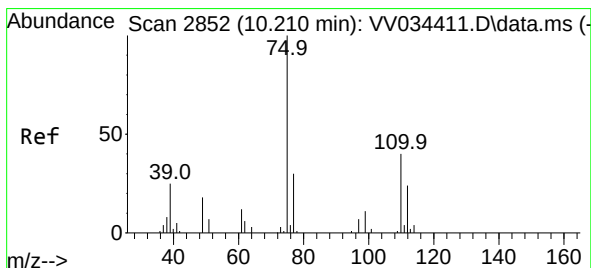
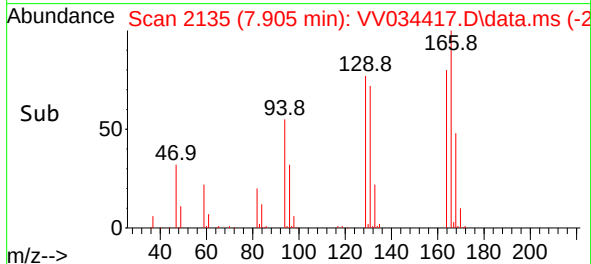
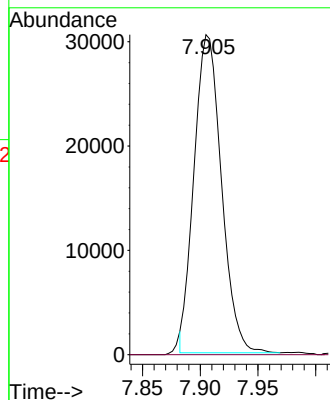
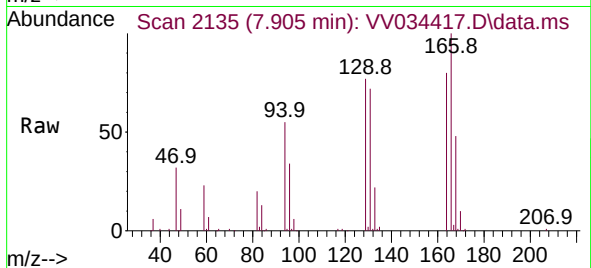
ClientSampleId :

Tgt Ion:129 Resp: 50205

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.4#



#61

1,2,3-Trichloropropane

Concen: 1.652 ug/L

RT: 11.184 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034417.D

Acq: 26 Feb 2024 19:07

Tgt Ion: 75 Resp: 8161

Ion Ratio Lower Upper

75 100

77 38.4 27.7 41.5

110 3.1 32.0 48.0#

