

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022824\
 Data File : VV034461.D
 Acq On : 28 Feb 2024 11:05
 Operator : SY/MD
 Sample : P1535-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 29 00:36:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 29 00:34:49 2024
 Response via : Initial Calibration

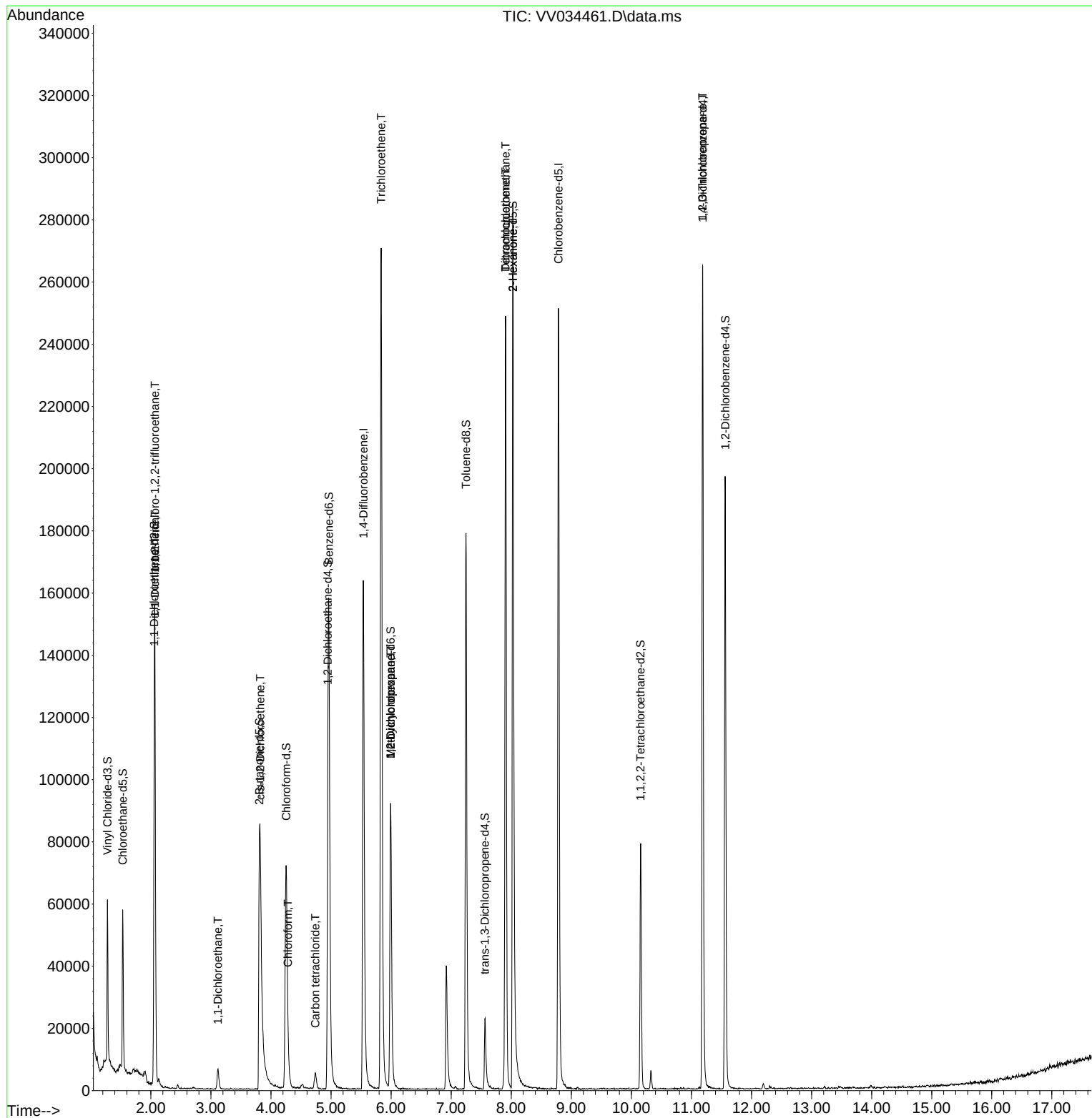
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	142783	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	136350	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	67464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	32861	3.965	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.532	69	30837	4.213	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.056	65	15419	3.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.805	46	118959	54.894	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.780%
24) Chloroform-d	4.252	84	76667	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.947	65	42315	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	4.963	84	138640	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	5.992	67	44269	4.834	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.246	98	121200	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.561	79	14629	4.288	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.027	63	103395	53.593	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.180%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	36571	5.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	49698	4.849	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	3249	0.350	ug/L #	85
12) 1,1-Dichloroethene	2.069	96	21910	2.450	ug/L	85
19) 1,1-Dichloroethane	3.117	63	7087	0.405	ug/L	96
22) cis-1,2-Dichloroethene	3.822	96	20908	2.091	ug/L	94
25) Chloroform	4.281	83	4900	0.270	ug/L	93
31) Carbon tetrachloride	4.738	117	4033	0.272	ug/L	99
34) Trichloroethene	5.834	95	93424	9.480	ug/L	96
35) Methylcyclohexane	5.992	83	10935	0.707	ug/L #	19
37) 1,2-Dichloropropane	5.992	63	5426	0.582	ug/L #	87
47) Tetrachloroethene	7.905	164	53631	6.937	ug/L	99
48) 2-Hexanone	8.027	43	12347	3.004	ug/L #	67
49) Dibromochloromethane	7.905	129	47867	6.480	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	8316	1.598	ug/L #	68

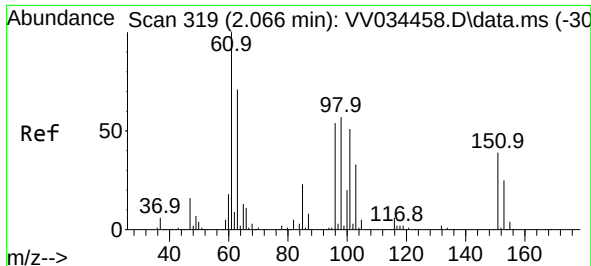
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.350 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV034461.D

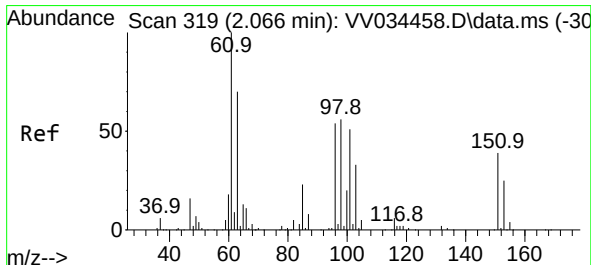
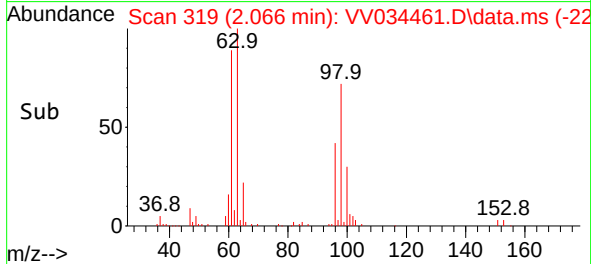
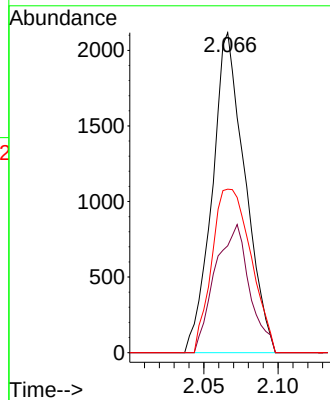
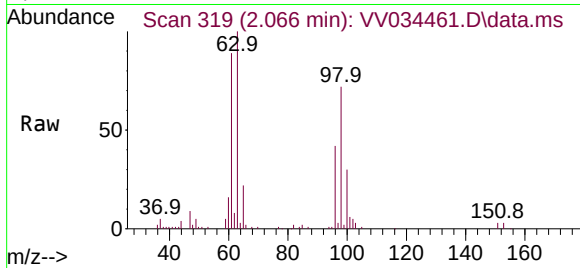
Acq: 28 Feb 2024 11:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:101	Resp:	3249
Ion Ratio	Lower	Upper
101	100	
85	42.1	37.9 56.9
151	61.0	61.8 92.6#



#12

1,1-Dichloroethene

Concen: 2.450 ug/L

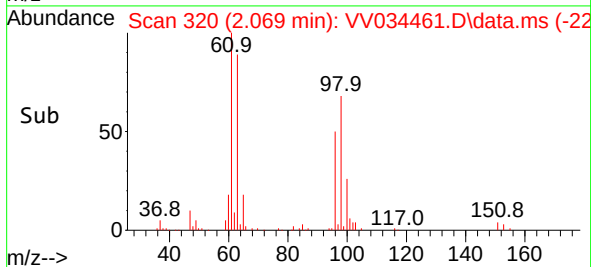
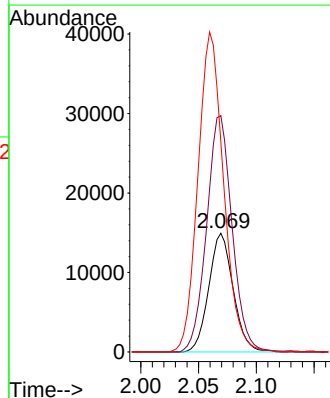
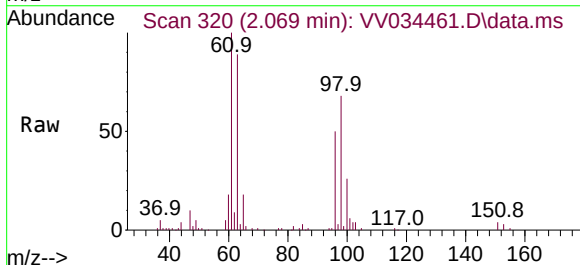
RT: 2.069 min Scan# 320

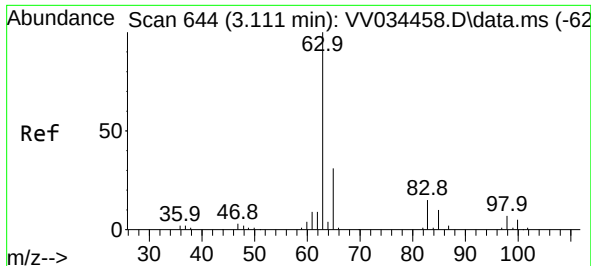
Delta R.T. 0.003 min

Lab File: VV034461.D

Acq: 28 Feb 2024 11:05

Tgt Ion: 96	Resp:	21910
Ion Ratio	Lower	Upper
96	100	
61	199.1	131.3 243.8
63	177.0	102.8 191.0





#19

1,1-Dichloroethane

Concen: 0.405 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV034461.D

Acq: 28 Feb 2024 11:05

Instrument :

MSVOA_V

ClientSampleId :

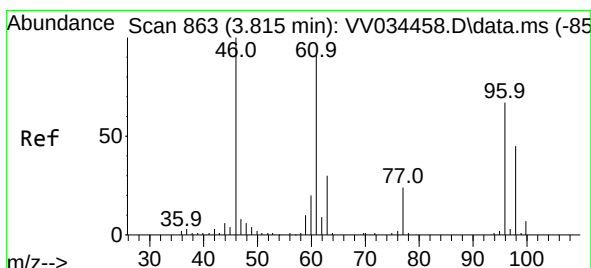
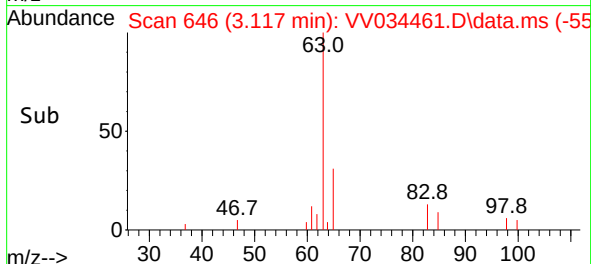
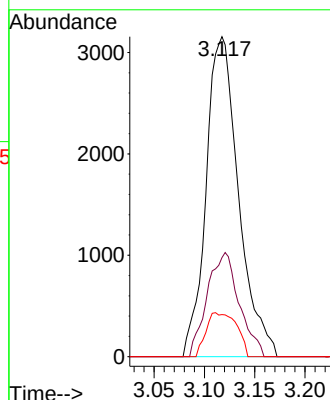
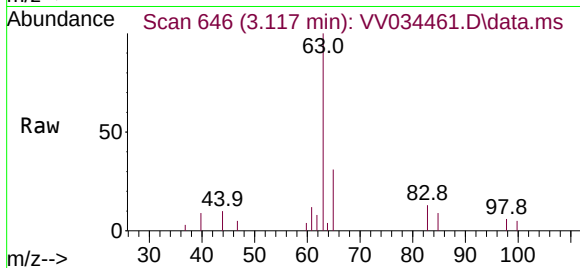
Tgt Ion: 63 Resp: 7087

Ion Ratio Lower Upper

63 100

65 29.7 22.0 41.0

83 12.6 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 2.091 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.006 min

Lab File: VV034461.D

Acq: 28 Feb 2024 11:05

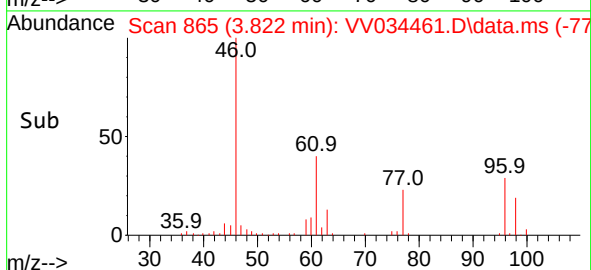
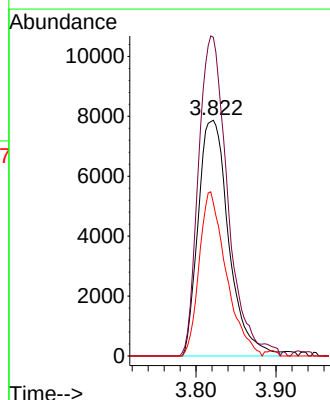
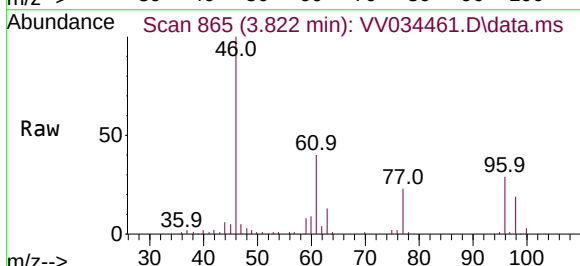
Tgt Ion: 96 Resp: 20908

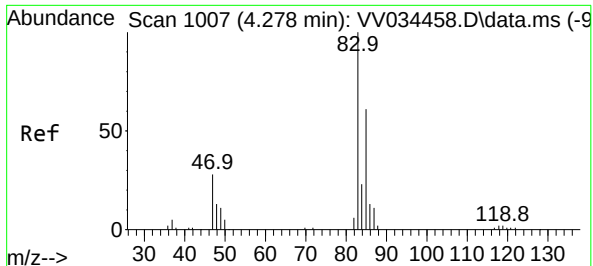
Ion Ratio Lower Upper

96 100

61 135.2 89.7 166.5

98 64.9 42.0 78.0





#25

Chloroform

Concen: 0.270 ug/L

RT: 4.281 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV034461.D

Acq: 28 Feb 2024 11:05

Instrument :

MSVOA_V

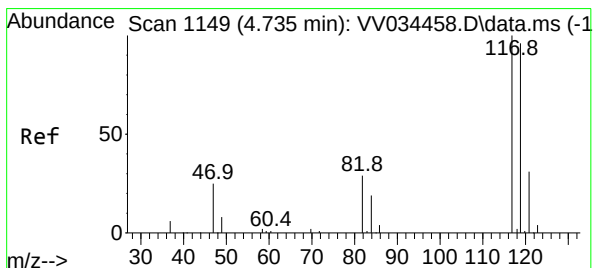
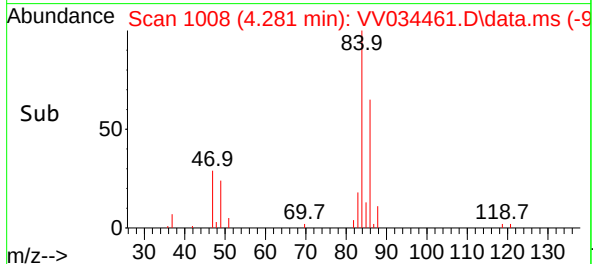
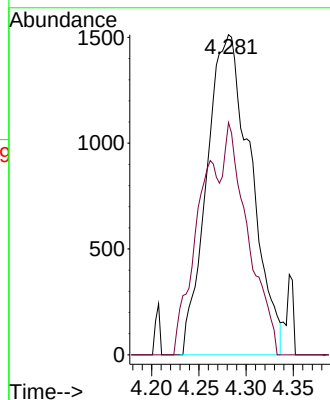
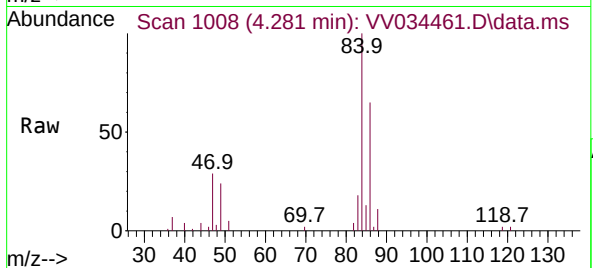
ClientSampleId :

Tgt Ion: 83 Resp: 4900

Ion Ratio Lower Upper

83 100

85 72.6 47.0 87.4



#31

Carbon tetrachloride

Concen: 0.272 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV034461.D

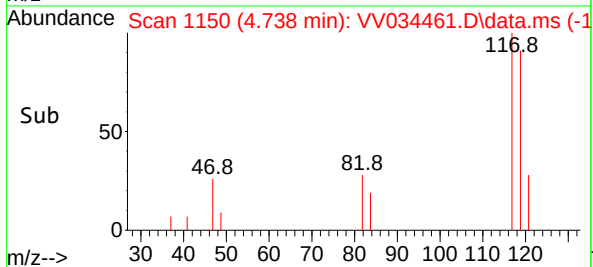
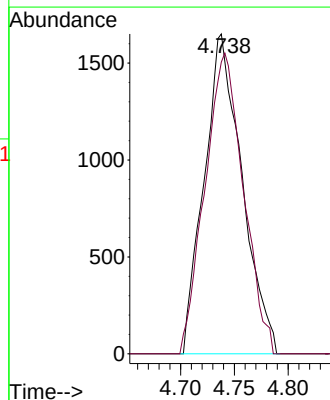
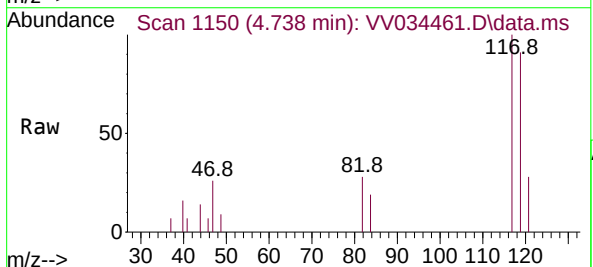
Acq: 28 Feb 2024 11:05

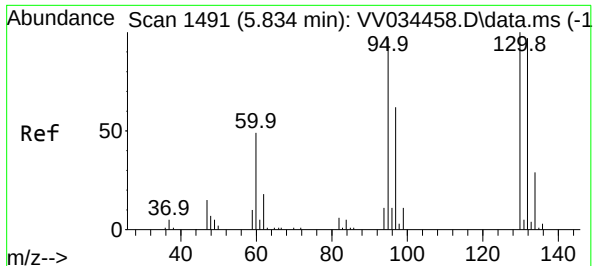
Tgt Ion: 117 Resp: 4033

Ion Ratio Lower Upper

117 100

119 95.6 77.0 115.6



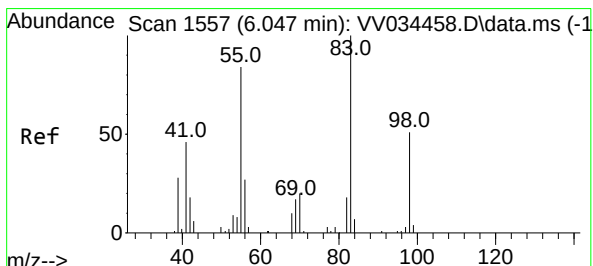
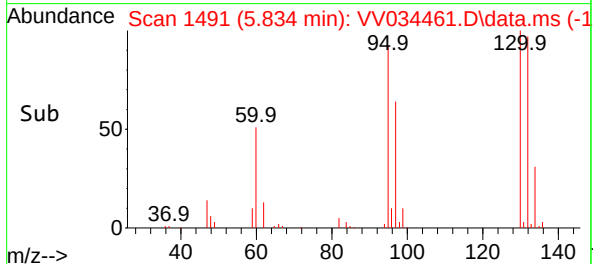
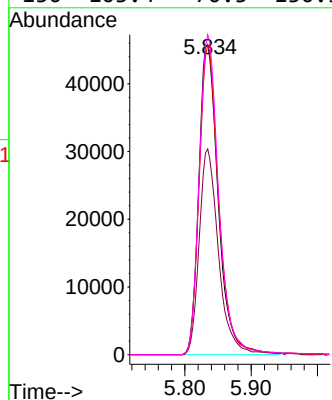
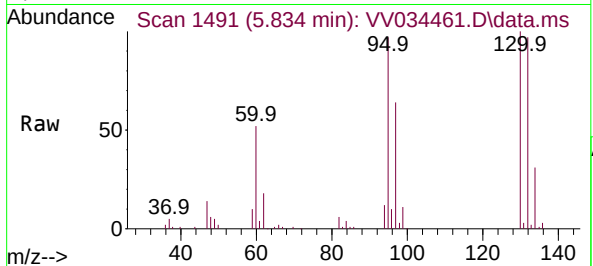


#34
Trichloroethene
Concen: 9.480 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV034461.D
Acq: 28 Feb 2024 11:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 93424

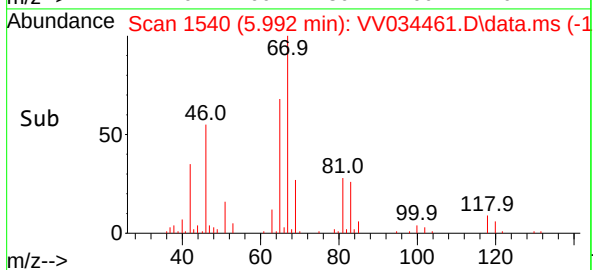
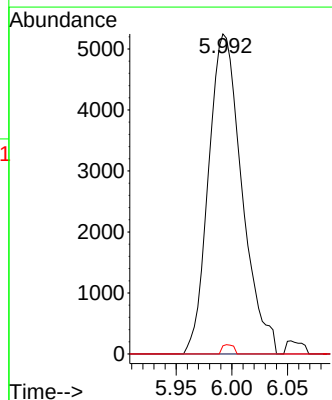
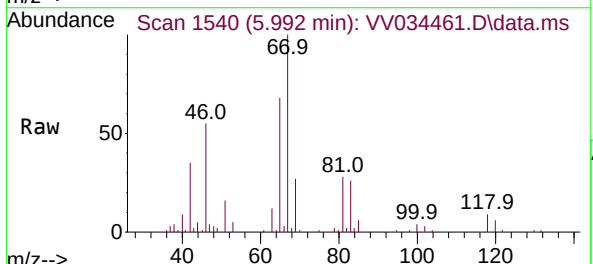
Ion	Ratio	Lower	Upper
95	100		
97	66.5	43.3	80.5
132	100.2	67.8	126.0
130	103.4	70.3	130.5

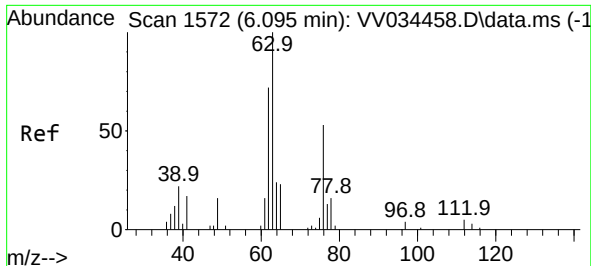


#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.055 min
Lab File: VV034461.D
Acq: 28 Feb 2024 11:05

Tgt Ion: 83 Resp: 10935

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	2.2	38.1	57.1#





#37

1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034461.D

Acq: 28 Feb 2024 11:05

Instrument :

MSVOA_V

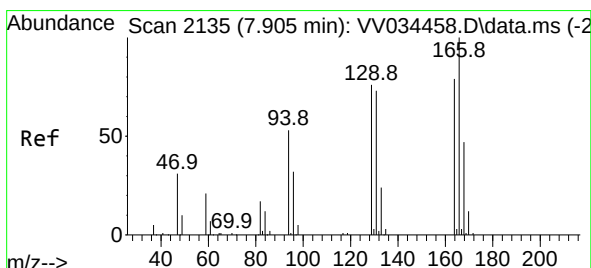
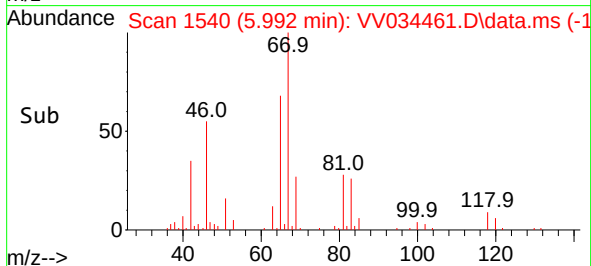
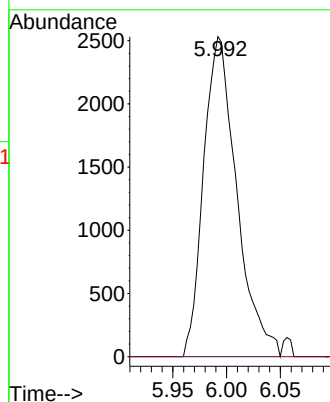
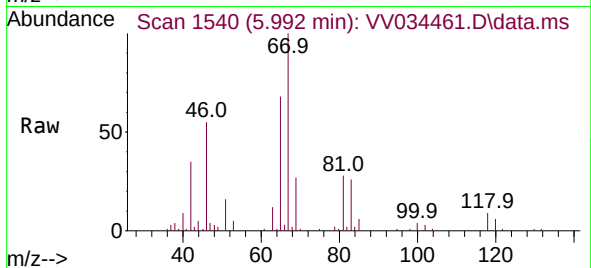
ClientSampleId :

Tgt Ion: 63 Resp: 5426

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#47

Tetrachloroethene

Concen: 6.937 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV034461.D

Acq: 28 Feb 2024 11:05

Tgt Ion:164 Resp: 53631

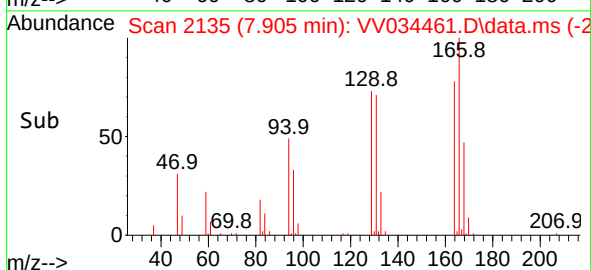
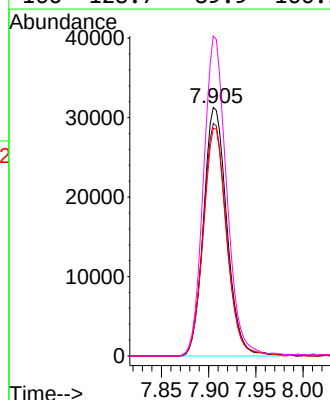
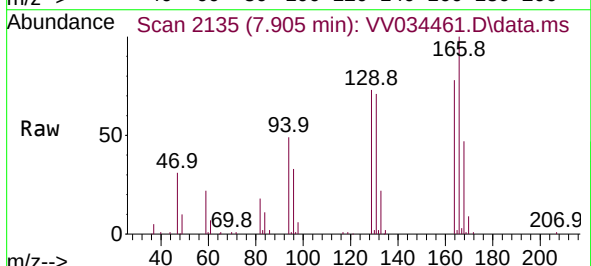
Ion Ratio Lower Upper

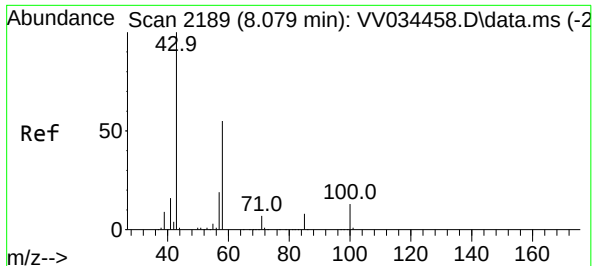
164 100

129 93.6 64.2 119.2

131 91.6 65.9 122.3

166 128.7 89.9 166.9

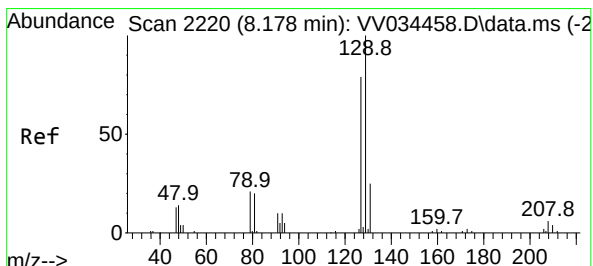
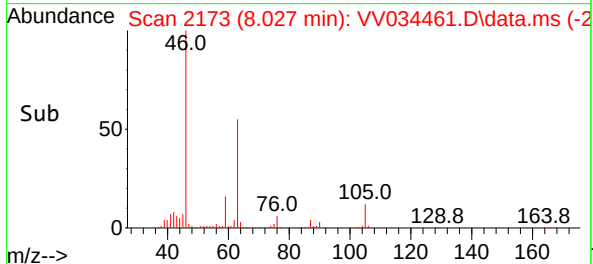
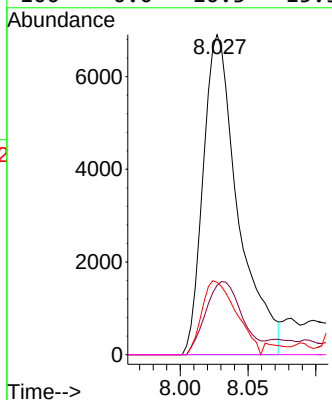
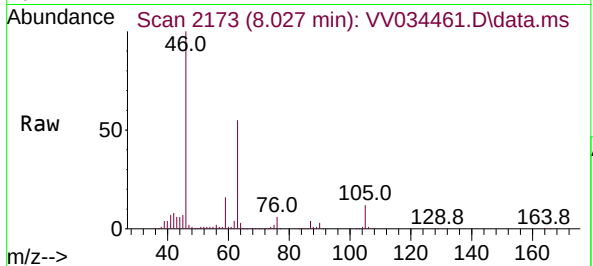




#48
2-Hexanone
Concen: 3.004 ug/L
RT: 8.027 min Scan# 2189
Delta R.T. -0.051 min
Lab File: VV034461.D
Acq: 28 Feb 2024 11:05

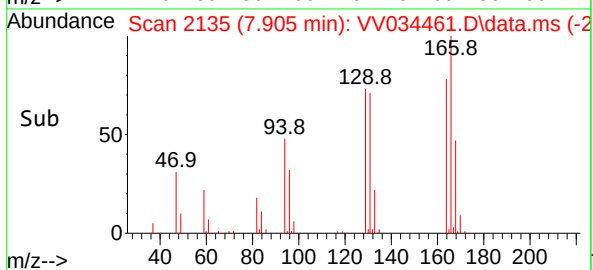
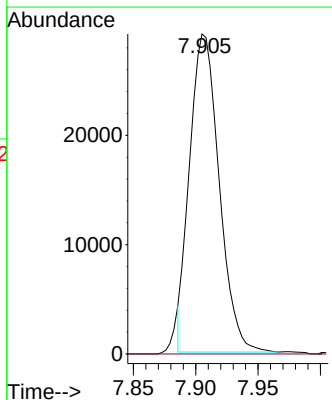
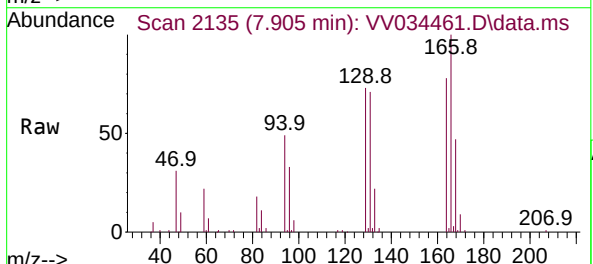
Instrument :
MSVOA_V
ClientSampleId :

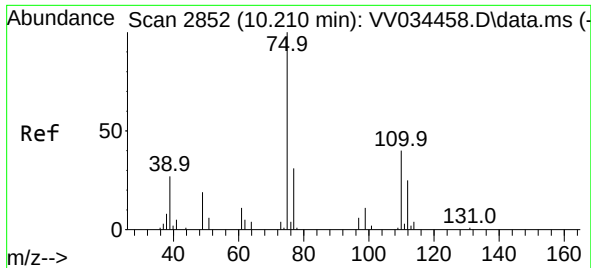
Tgt Ion: 43 Resp: 12347
Ion Ratio Lower Upper
43 100
58 24.0 43.4 65.0#
57 22.8 15.5 23.3
100 0.0 10.3 15.5#



#49
Dibromochloromethane
Concen: 6.480 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.273 min
Lab File: VV034461.D
Acq: 28 Feb 2024 11:05

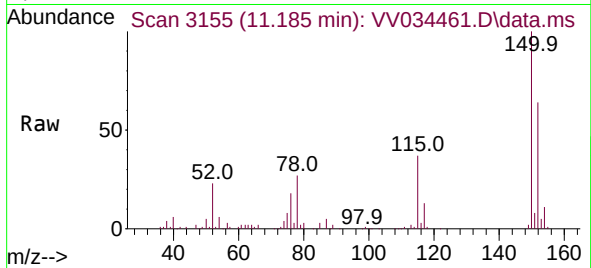
Tgt Ion: 129 Resp: 47867
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.598 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV034461.D
 Acq: 28 Feb 2024 11:05

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	8316
Ion	Ratio	Lower	Upper
75	100		
77	34.6	27.7	41.5
110	3.1	32.0	48.0#

