

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049177.D
 Acq On : 15 Jun 2022 17:56
 Operator : SY/MD
 Sample : N3274-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B92

Quant Time: Jun 16 04:50:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	129117	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	117559	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57732	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44385	3.934	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.913	69	35283	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.565	65	19823	4.368	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.629	46	173290	57.526	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.060%
24) Chloroform-d	5.064	84	89204	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.703	65	49978	5.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.729	84	178667	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.690	67	61277	5.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.899	98	154888	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.179	79	24591	4.605	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.633	63	122841	57.026	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51269	5.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	57874	5.224	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
8) Chloroethane	2.019	64	588	0.094	ug/L #	45
9) Trichlorofluoromethane	2.138	101	75845	6.021	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	314	0.042	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	893	0.123	ug/L #	1
13) Acetone	2.639	43	99294	66.600	ug/L	98
15) Methyl Acetate	2.813	43	99683	25.000	ug/L #	54
21) 2-Butanone	4.716	43	17217	6.056	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	3110	0.346	ug/L	92
27) 1,2-Dichloroethane	5.729	62	1048	0.100	ug/L #	74
31) Carbon tetrachloride	5.527	117	2720	0.231	ug/L	96
34) Trichloroethene	6.543	95	239997	26.840	ug/L	99
35) Methylcyclohexane	6.690	83	13420	0.895	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	6525	0.679	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1742	0.119	ug/L #	61
47) Tetrachloroethene	8.555	164	350323	56.815	ug/L	98
49) Dibromochloromethane	8.552	129	350932	45.906	ug/L #	10
51) Chlorobenzene	9.449	112	1967	0.087	ug/L #	83
61) 1,2,3-Trichloropropane	10.526	75	4868	0.752	ug/L #	40

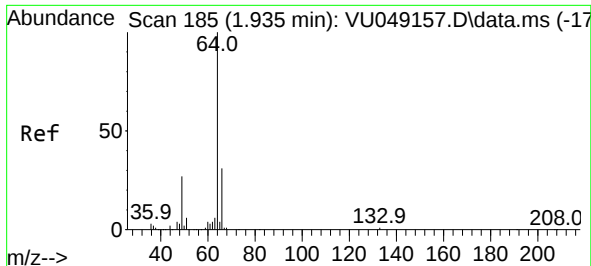
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
Data File : VU049177.D
Acq On : 15 Jun 2022 17:56
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QLast Update : Thu Jun 16 04:45:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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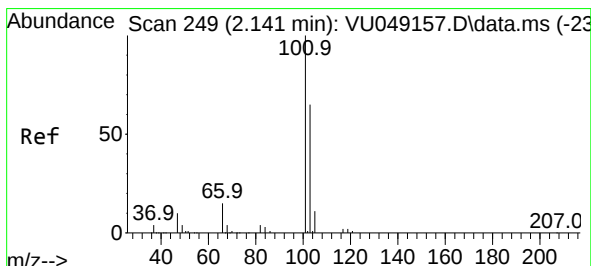
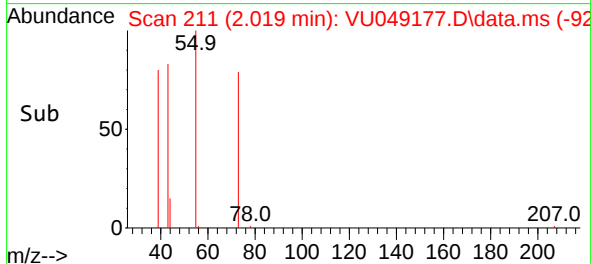
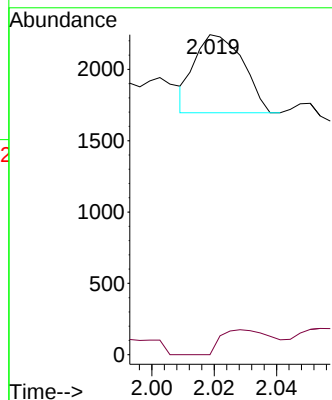
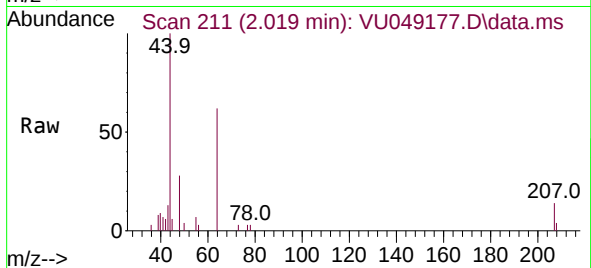
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 0.094 ug/L
RT: 2.019 min Scan# 211
Delta R.T. 0.084 min
Lab File: VU049177.D
Acq: 15 Jun 2022 17:56

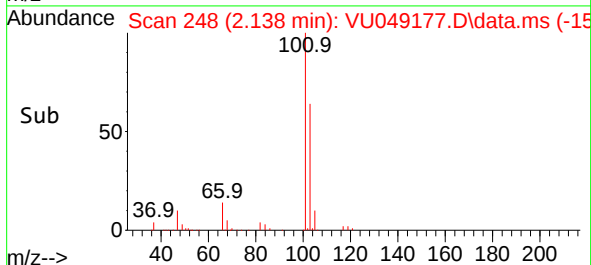
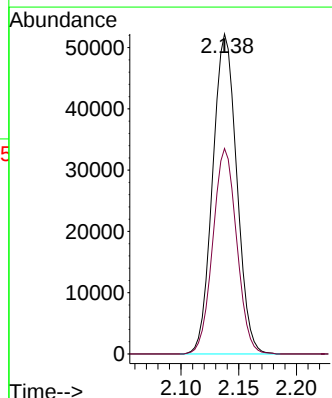
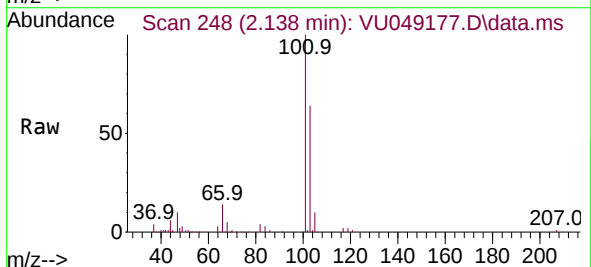
Instrument :
MSVOA_U
ClientSampleId :
C0B92

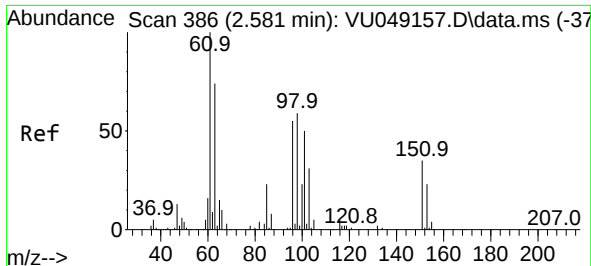
Tgt Ion: 64 Resp: 588
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#9
Trichlorofluoromethane
Concen: 6.021 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU049177.D
Acq: 15 Jun 2022 17:56

Tgt Ion: 101 Resp: 75845
Ion Ratio Lower Upper
101 100
103 63.5 53.5 80.3

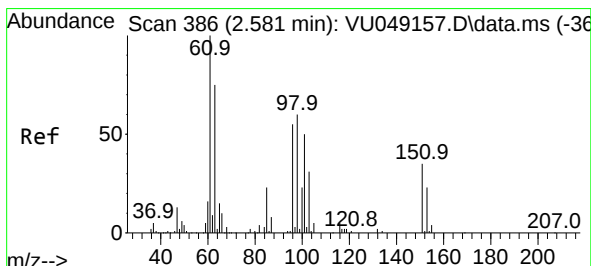
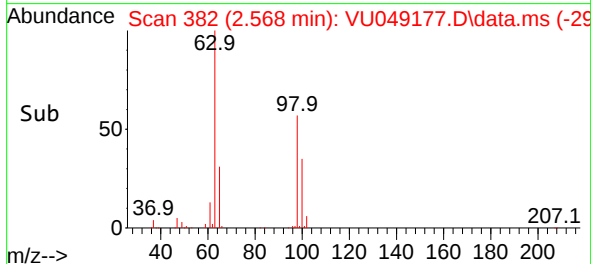
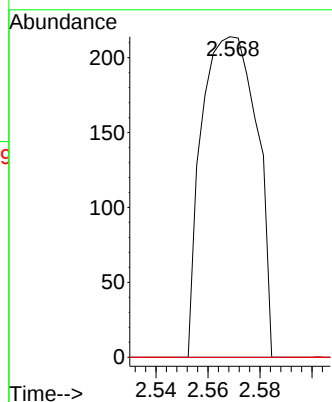
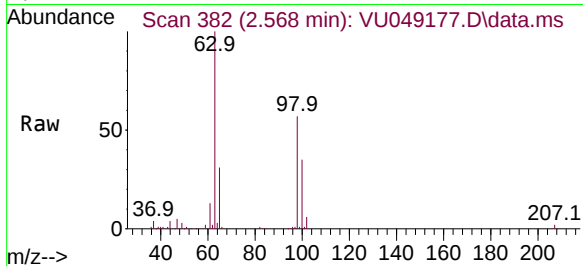




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.042 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU049177.D
 Acq: 15 Jun 2022 17:56

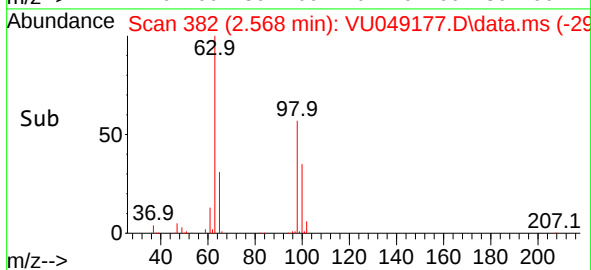
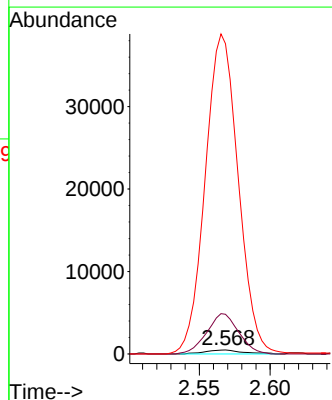
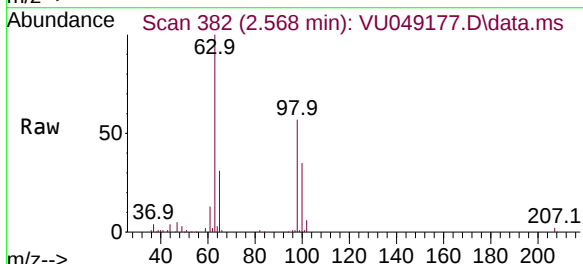
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B92

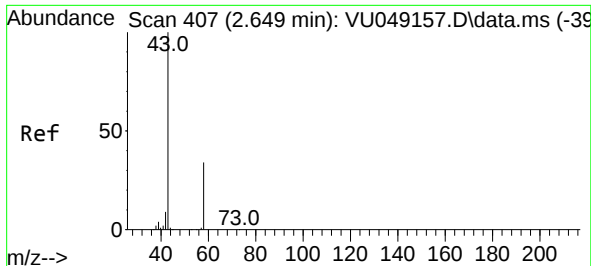
Tgt Ion:101 Resp: 314
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 0.123 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU049177.D
 Acq: 15 Jun 2022 17:56

Tgt Ion: 96 Resp: 893
 Ion Ratio Lower Upper
 96 100
 61 1005.4 127.2 236.2#
 63 7853.0 94.7 175.9#

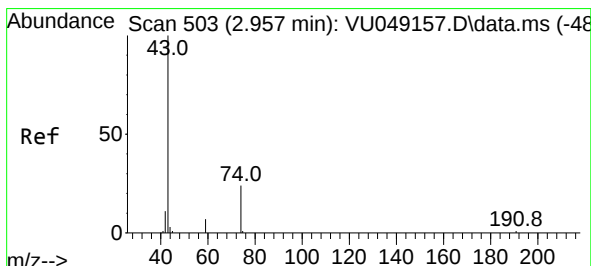
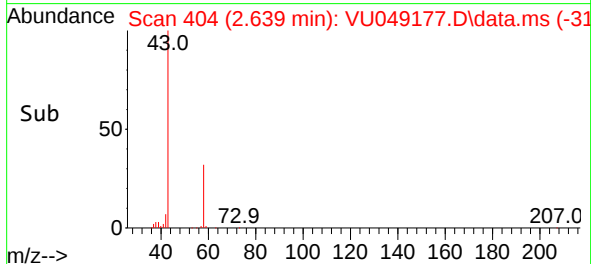
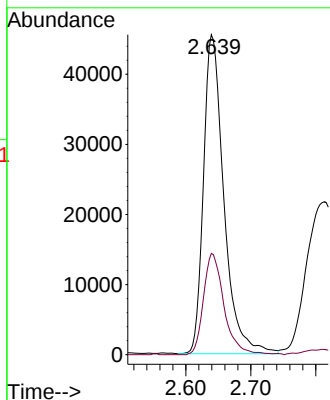
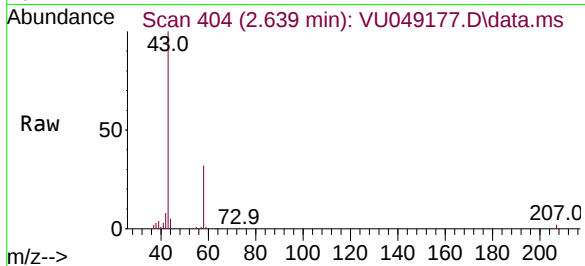




#13
Acetone
Concen: 66.600 ug/L
RT: 2.639 min Scan# 407
Delta R.T. -0.009 min
Lab File: VU049177.D
Acq: 15 Jun 2022 17:56

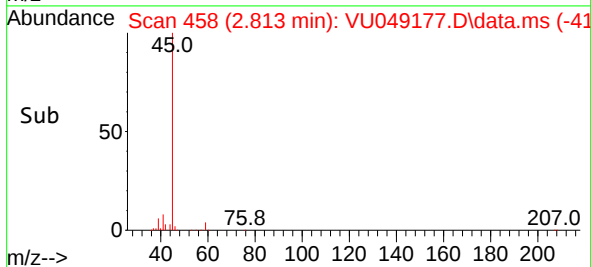
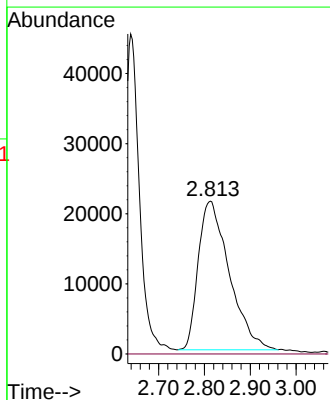
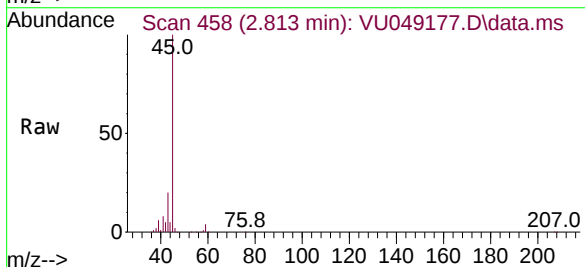
Instrument :
MSVOA_U
ClientSampleId :
C0B92

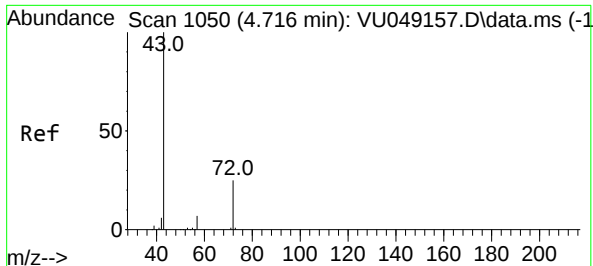
Tgt Ion: 43 Resp: 99294
Ion Ratio Lower Upper
43 100
58 32.0 0.0 65.8



#15
Methyl Acetate
Concen: 25.000 ug/L
RT: 2.813 min Scan# 458
Delta R.T. -0.144 min
Lab File: VU049177.D
Acq: 15 Jun 2022 17:56

Tgt Ion: 43 Resp: 99683
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#





#21

2-Butanone

Concen: 6.056 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VU049177.D

Acq: 15 Jun 2022 17:56

Instrument :

MSVOA_U

ClientSampleId :

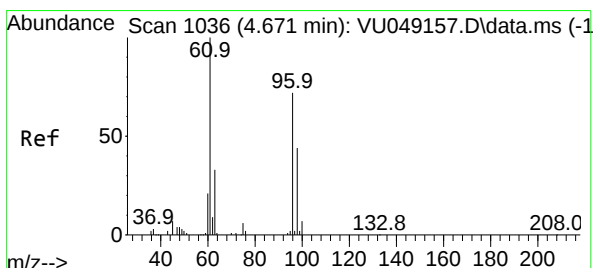
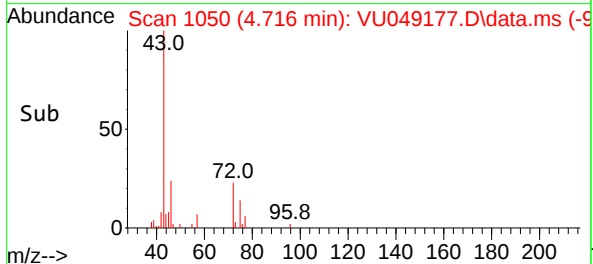
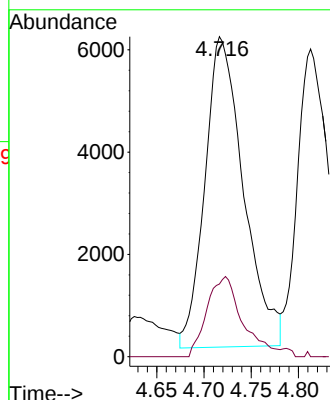
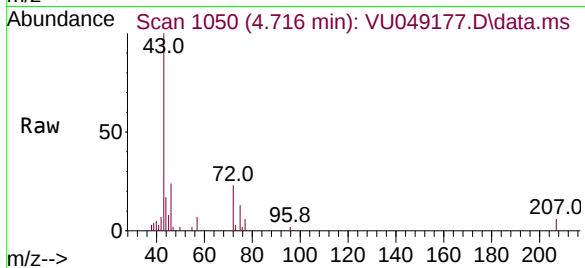
C0B92

Tgt Ion: 43 Resp: 17217

Ion Ratio Lower Upper

43 100

72 23.7 12.2 36.6



#22

cis-1,2-Dichloroethene

Concen: 0.346 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU049177.D

Acq: 15 Jun 2022 17:56

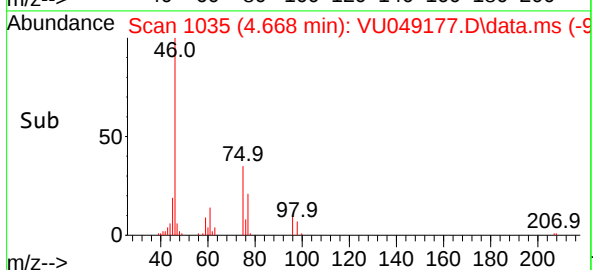
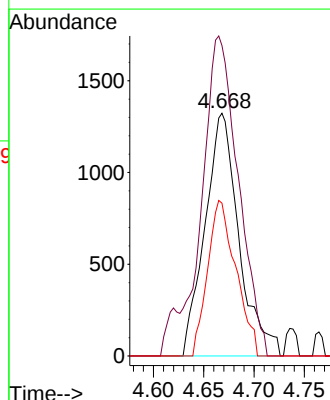
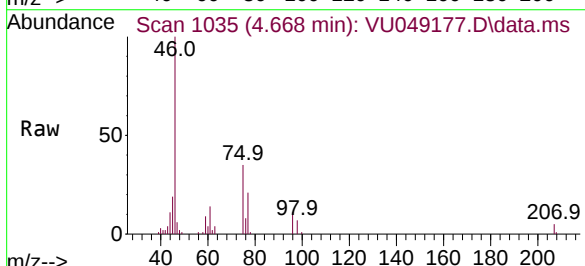
Tgt Ion: 96 Resp: 3110

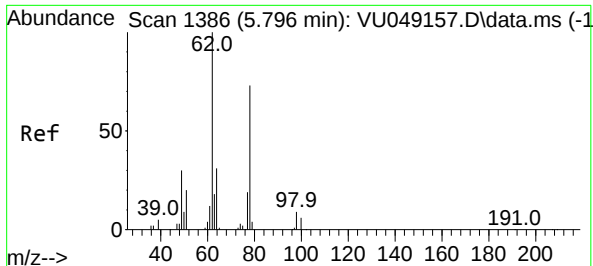
Ion Ratio Lower Upper

96 100

61 127.9 99.5 184.9

98 63.0 44.8 83.2





#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.067 min

Lab File: VU049177.D

Acq: 15 Jun 2022 17:56

Instrument :

MSVOA_U

ClientSampleId :

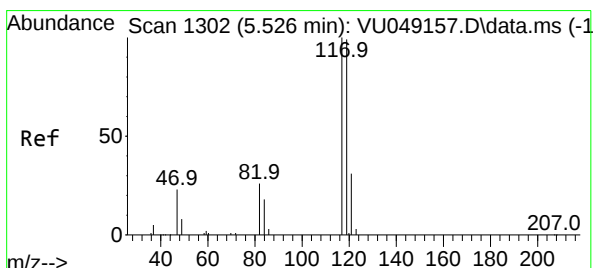
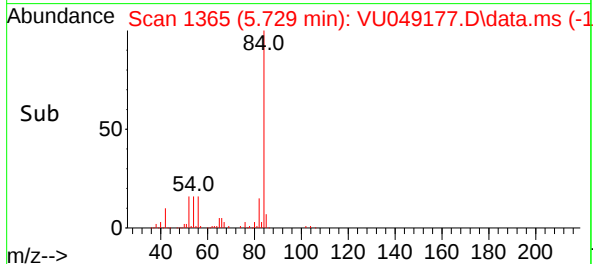
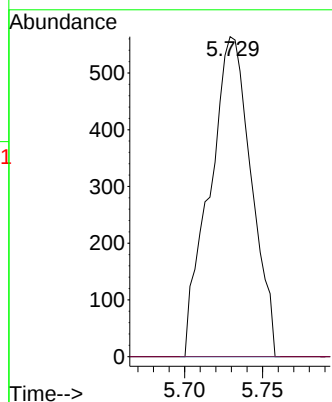
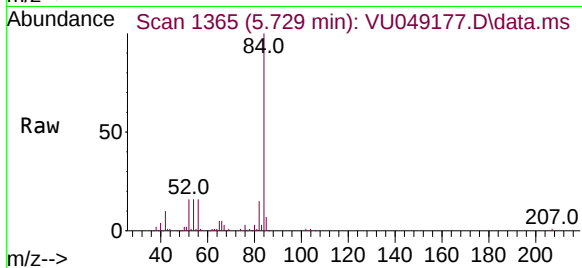
C0B92

Tgt Ion: 62 Resp: 1048

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#31

Carbon tetrachloride

Concen: 0.231 ug/L

RT: 5.527 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU049177.D

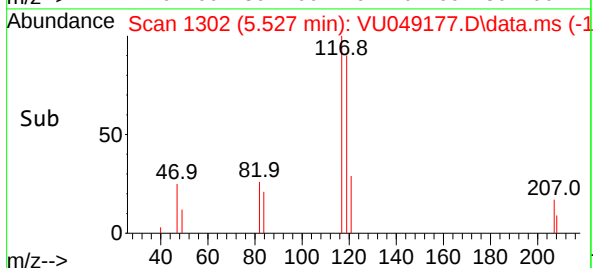
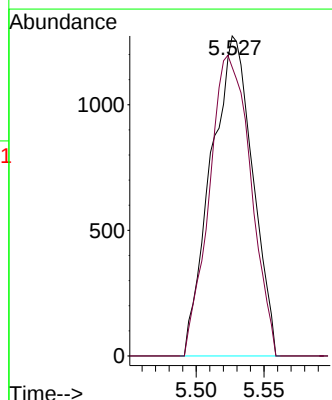
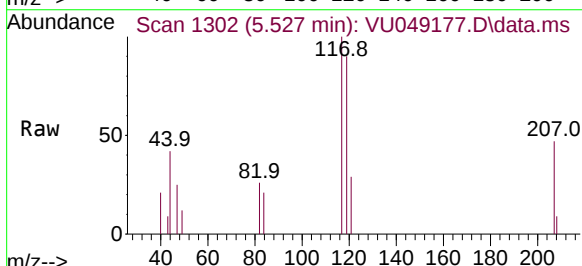
Acq: 15 Jun 2022 17:56

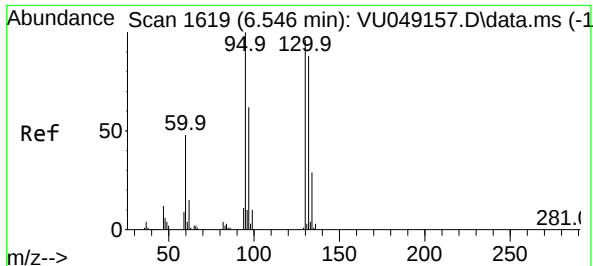
Tgt Ion: 117 Resp: 2720

Ion Ratio Lower Upper

117 100

119 93.6 78.3 117.5





#34

Trichloroethene

Concen: 26.840 ug/L

RT: 6.543 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049177.D

Acq: 15 Jun 2022 17:56

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 95 Resp: 239997

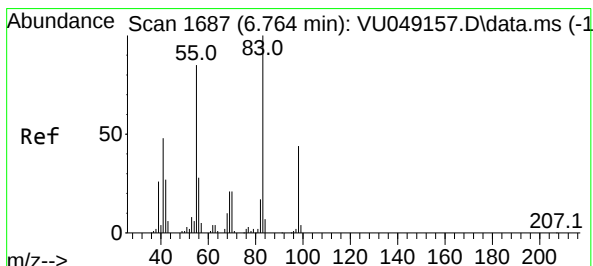
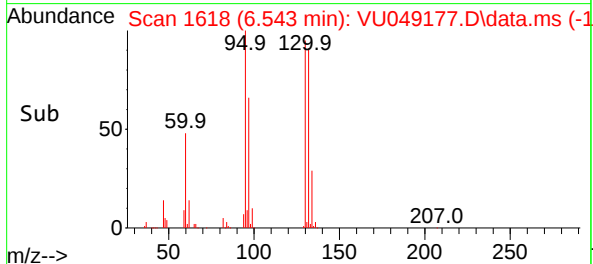
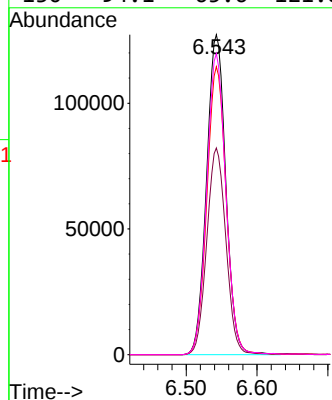
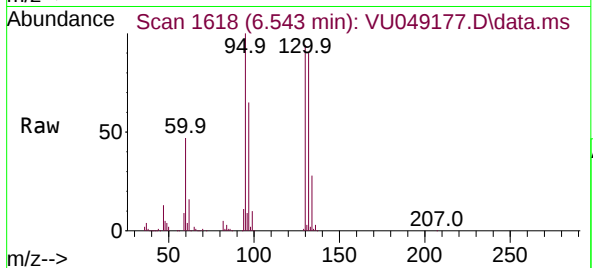
Ion Ratio Lower Upper

95 100

97 64.6 45.3 84.1

132 90.0 61.5 114.3

130 94.1 65.6 121.8



#35

Methylcyclohexane

Concen: 0.895 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU049177.D

Acq: 15 Jun 2022 17:56

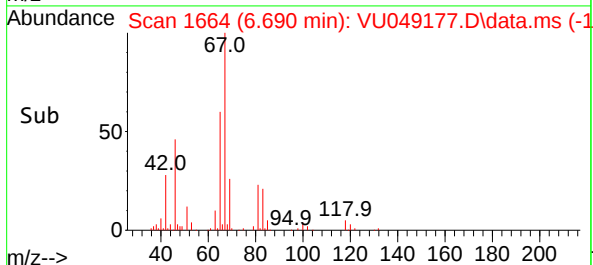
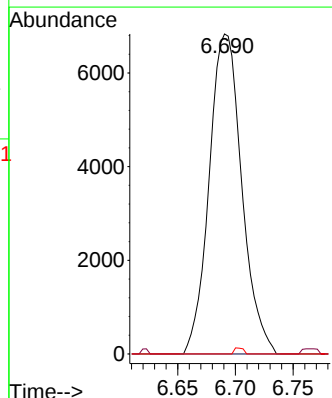
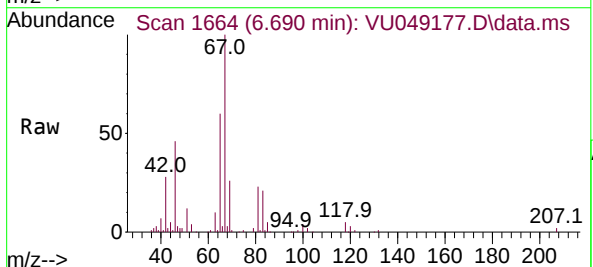
Tgt Ion: 83 Resp: 13420

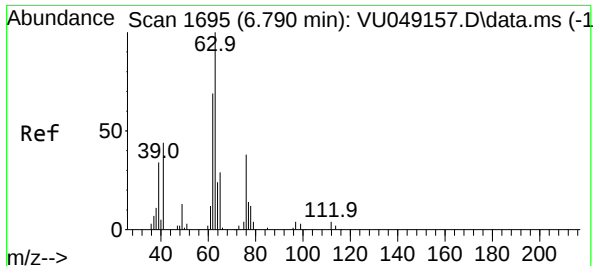
Ion Ratio Lower Upper

83 100

55 0.3 66.9 100.3#

98 0.0 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.679 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU049177.D

Acq: 15 Jun 2022 17:56

Instrument :

MSVOA_U

ClientSampleId :

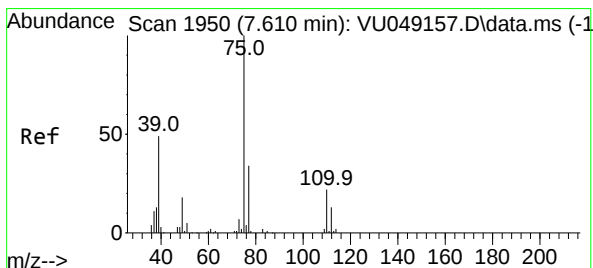
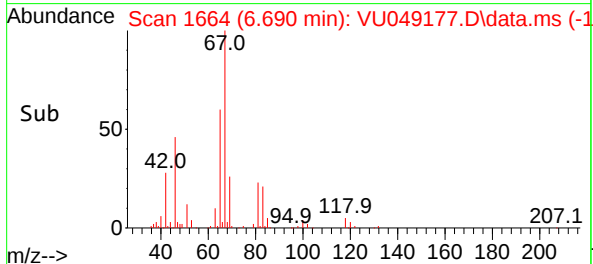
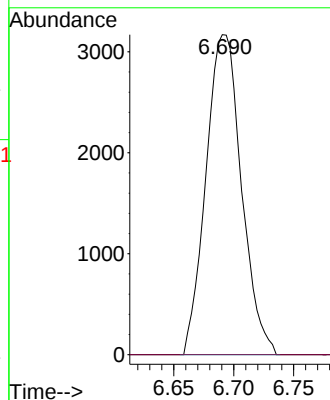
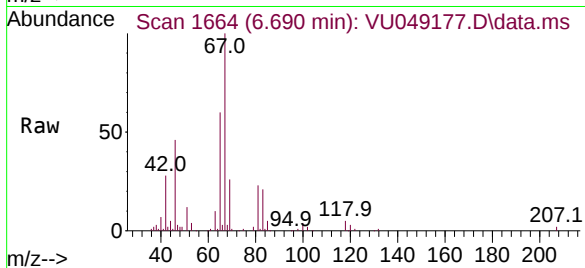
C0B92

Tgt Ion: 63 Resp: 6525

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU049177.D

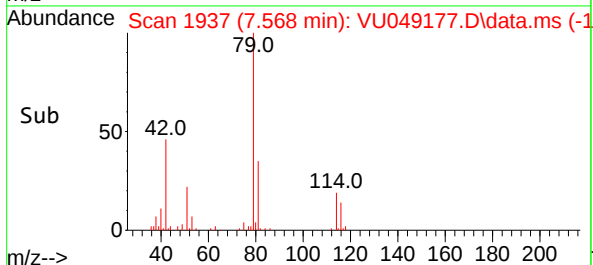
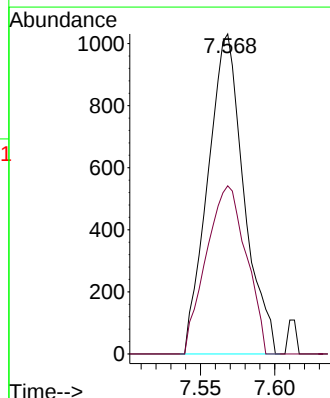
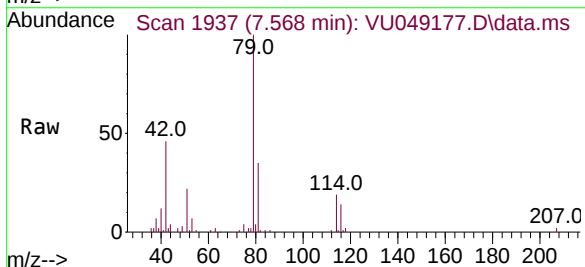
Acq: 15 Jun 2022 17:56

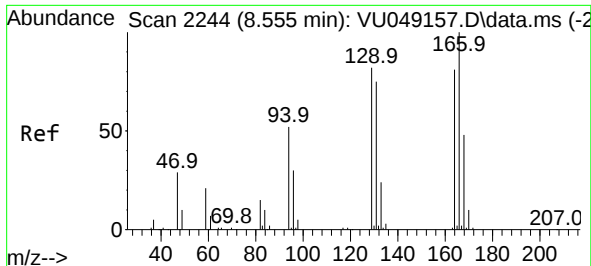
Tgt Ion: 75 Resp: 1742

Ion Ratio Lower Upper

75 100

77 52.6 21.8 40.4#

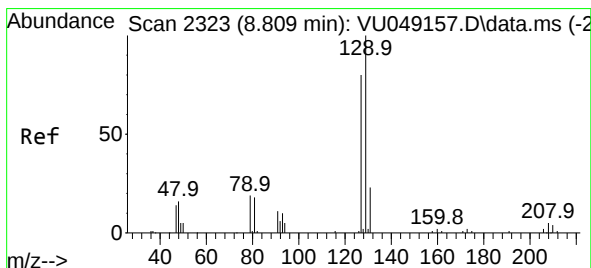
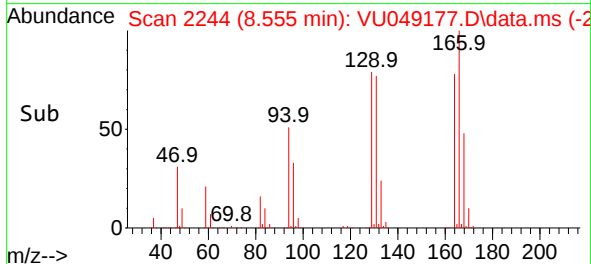
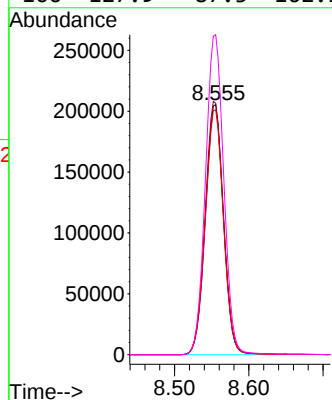
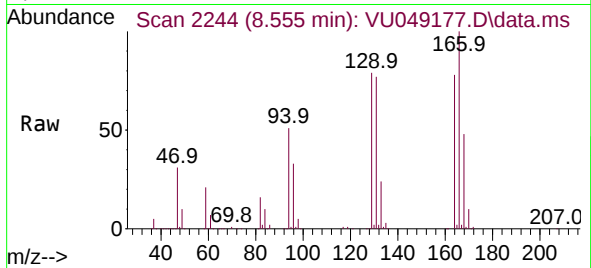




#47
Tetrachloroethene
Concen: 56.815 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049177.D
Acq: 15 Jun 2022 17:56

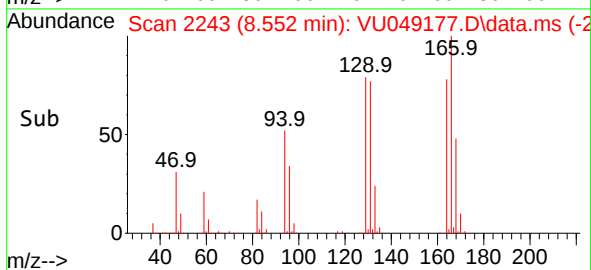
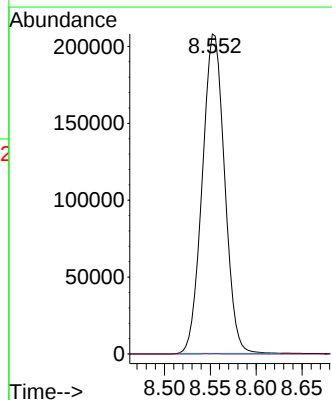
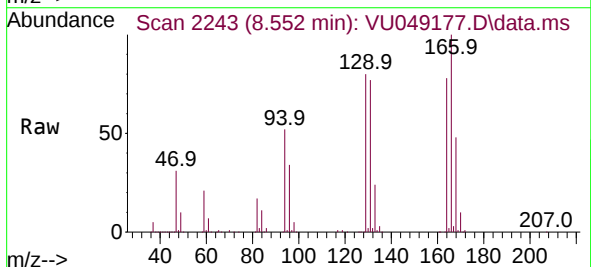
Instrument :
MSVOA_U
ClientSampleId :
C0B92

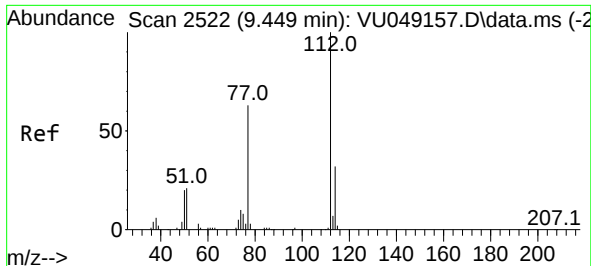
Tgt Ion:164 Resp: 350323
Ion Ratio Lower Upper
164 100
129 100.6 69.8 129.6
131 97.9 67.8 125.8
166 127.9 87.3 162.1



#49
Dibromochloromethane
Concen: 45.906 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU049177.D
Acq: 15 Jun 2022 17:56

Tgt Ion:129 Resp: 350932
Ion Ratio Lower Upper
129 100
127 0.1 54.9 101.9#

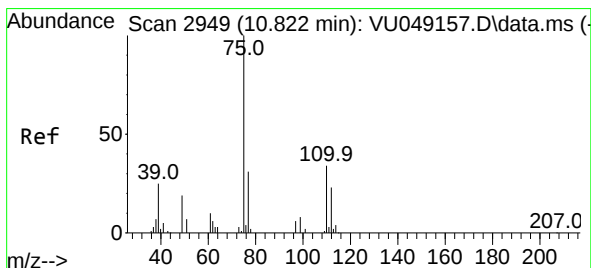
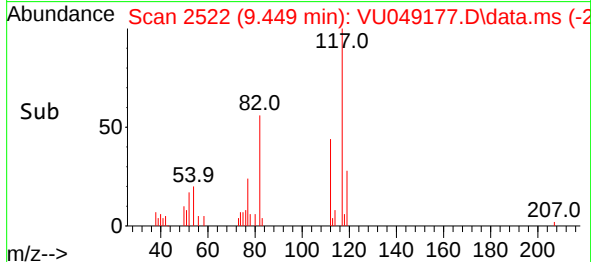
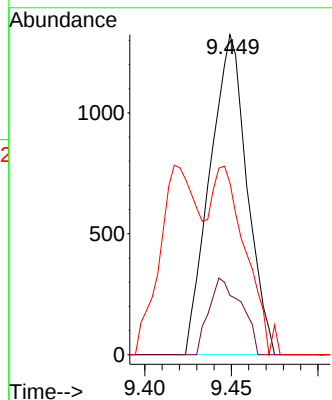
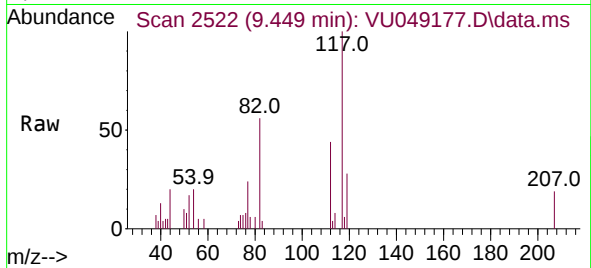




#51
Chlorobenzene
Concen: 0.087 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049177.D
Acq: 15 Jun 2022 17:56

Instrument :
MSVOA_U
ClientSampleId :
C0B92

Tgt Ion:112 Resp: 1967
Ion Ratio Lower Upper
112 100
114 18.5 22.3 41.3#
77 53.6 51.0 76.6



#61
1,2,3-Trichloropropane
Concen: 0.752 ug/L
RT: 10.526 min Scan# 2857
Delta R.T. -0.296 min
Lab File: VU049177.D
Acq: 15 Jun 2022 17:56

Tgt Ion: 75 Resp: 4868
Ion Ratio Lower Upper
75 100
110 0.0 29.0 43.4#
77 0.0 26.2 39.2#

