

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049112.D
 Acq On : 14 Jun 2022 14:34
 Operator : SY/MD
 Sample : N3278-01 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BC8

Quant Time: Jun 15 03:16:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 03:15:08 2022
 Response via : Initial Calibration

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

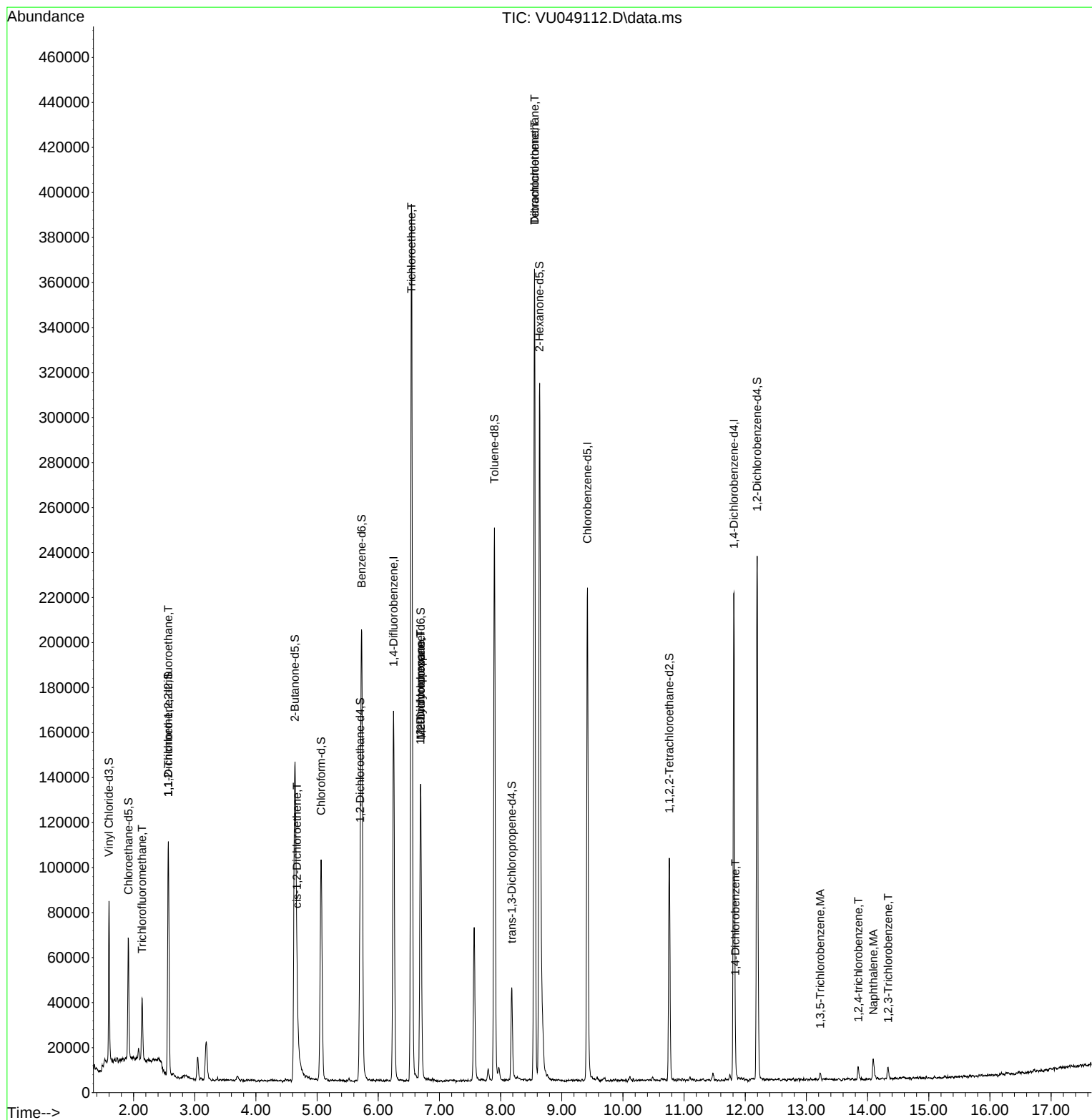
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	131216	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	119155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	56349	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49772	4.341	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.915	69	37639	4.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.568	65	19914	4.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.636	46	171939	56.164	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.320%
24) Chloroform-d	5.066	84	92314	5.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.703	65	52680	5.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.729	84	181385	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.693	67	64684	5.309	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.899	98	159135	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.182	79	24120	4.456	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.635	63	112412	51.486	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51200	5.249	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	58120	5.375	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.137	101	17431	1.362	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	524	0.069	ug/L #	21
22) cis-1,2-Dichloroethene	4.671	96	2622	0.287	ug/L	92
34) Trichloroethene	6.542	95	135619	14.964	ug/L	99
35) Methylcyclohexane	6.693	83	13825	0.910	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	7095	0.728	ug/L #	89
47) Tetrachloroethene	8.555	164	77227	12.357	ug/L	98
49) Dibromochloromethane	8.555	129	76536	9.878	ug/L #	10
65) 1,4-Dichlorobenzene	11.838	146	1311	0.081	ug/L	90
69) 1,3,5-Trichlorobenzene	13.224	180	1136	0.092	ug/L #	89
70) 1,2,4-trichlorobenzene	13.847	180	2065	0.211	ug/L #	96
71) Naphthalene	14.095	128	8698	0.447	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.336	180	1835	0.199	ug/L	95

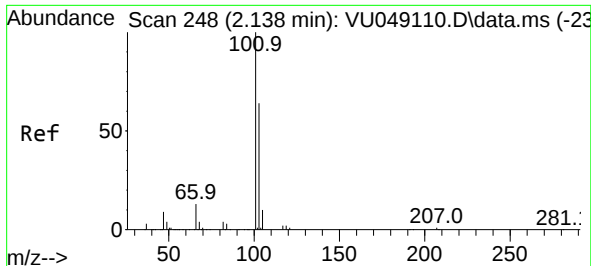
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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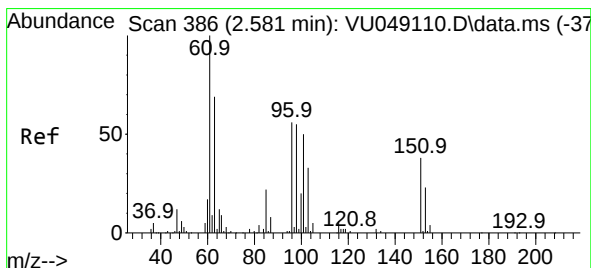
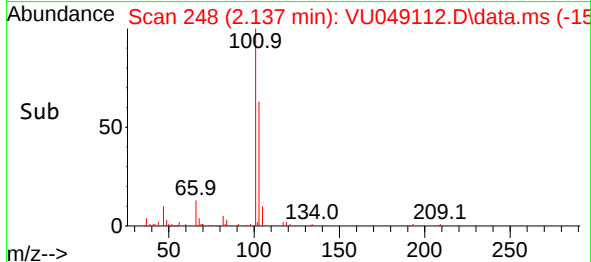
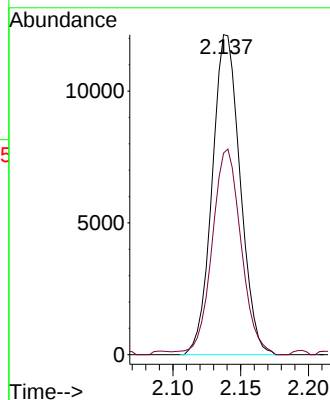
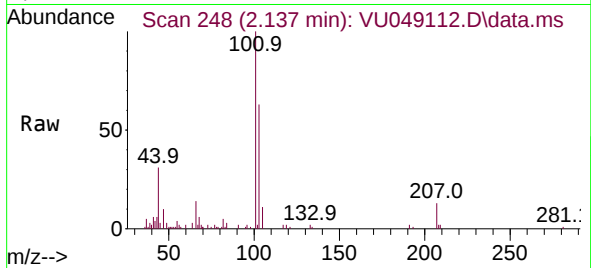




#9
 Trichlorofluoromethane
 Concen: 1.362 ug/L
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU049112.D
 Acq: 14 Jun 2022 14:34

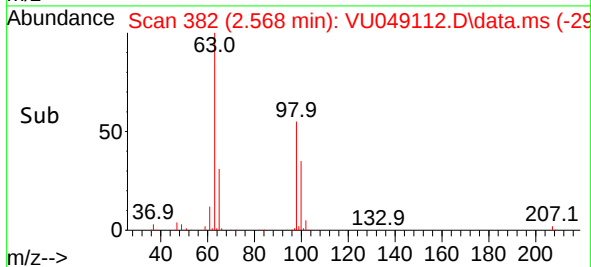
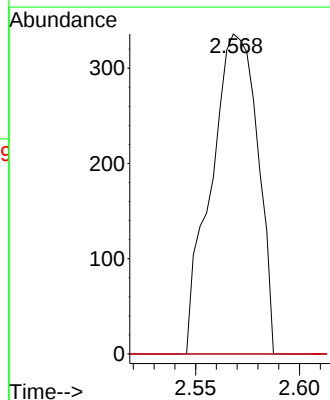
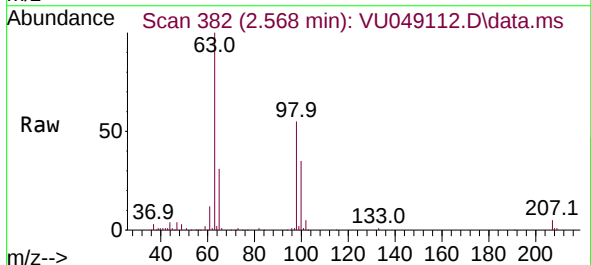
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BC8

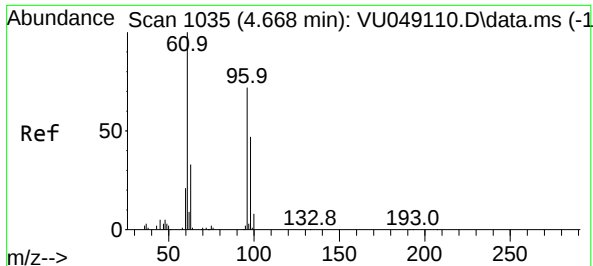
Tgt Ion:101 Resp: 17431
 Ion Ratio Lower Upper
 101 100
 103 66.7 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.069 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU049112.D
 Acq: 14 Jun 2022 14:34

Tgt Ion:101 Resp: 524
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#

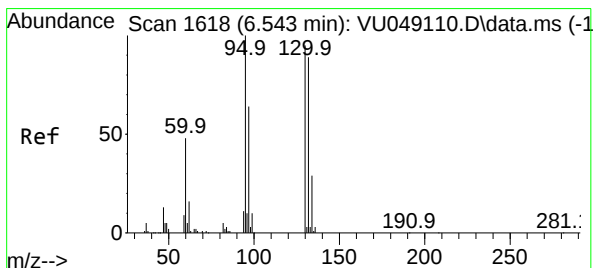
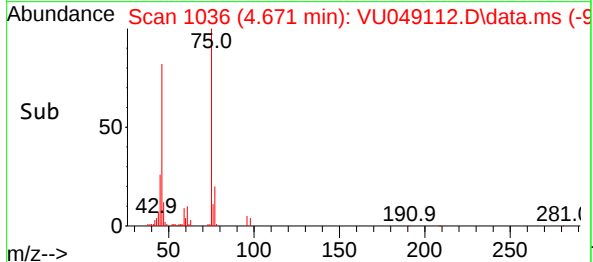
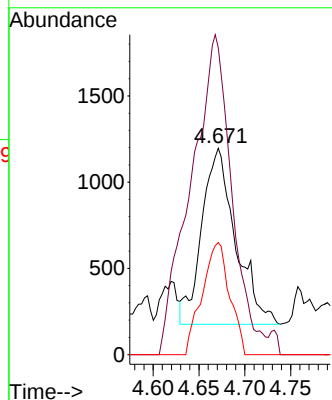
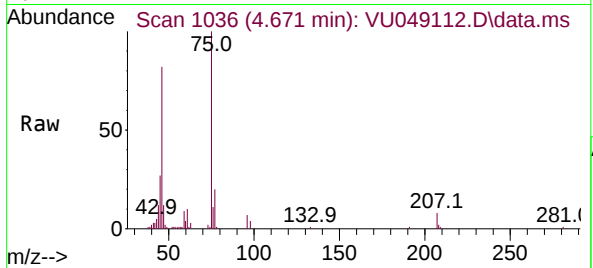




#22
 cis-1,2-Dichloroethene
 Concen: 0.287 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU049112.D
 Acq: 14 Jun 2022 14:34

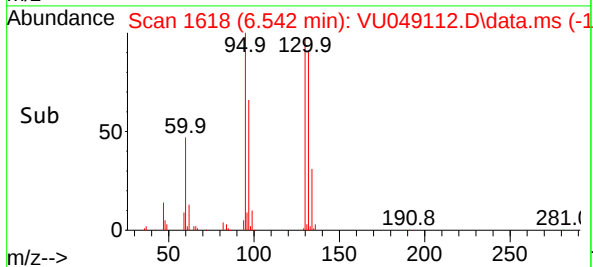
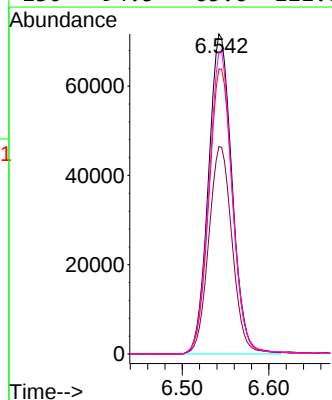
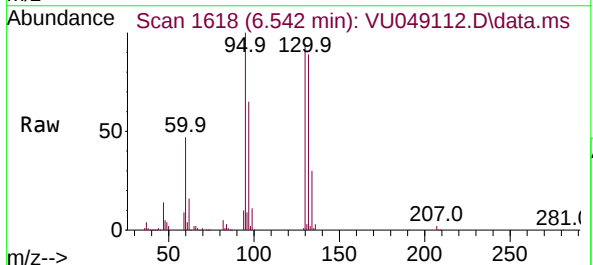
Instrument :
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 ClientSampleId :
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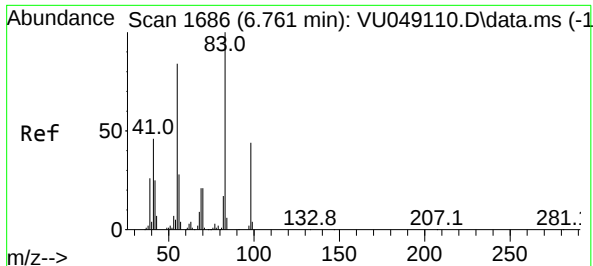
Tgt Ion: 96 Resp: 2622
 Ion Ratio Lower Upper
 96 100
 61 148.8 99.5 184.9
 98 54.3 44.8 83.2



#34
 Trichloroethene
 Concen: 14.964 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VU049112.D
 Acq: 14 Jun 2022 14:34

Tgt Ion: 95 Resp: 135619
 Ion Ratio Lower Upper
 95 100
 97 64.8 45.3 84.1
 132 89.1 61.5 114.3
 130 94.5 65.6 121.8





#35

Methylcyclohexane

Concen: 0.910 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU049112.D

Acq: 14 Jun 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

C0BC8

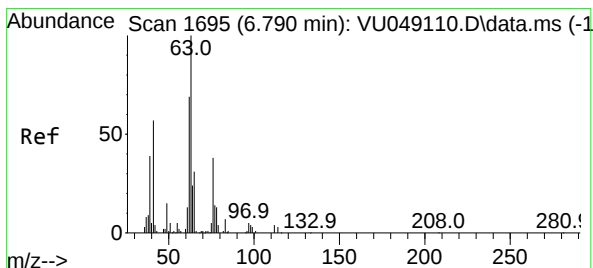
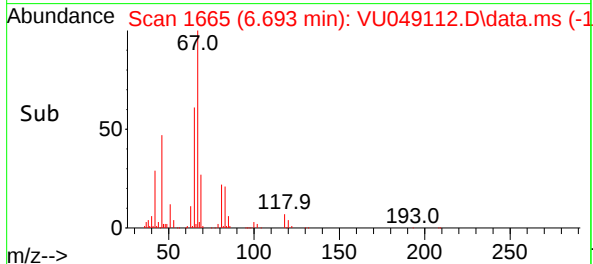
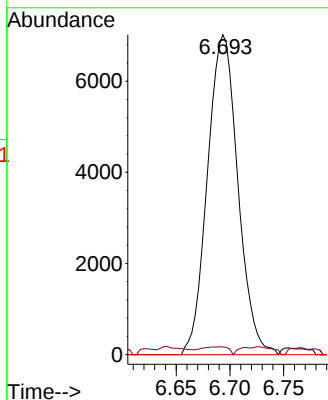
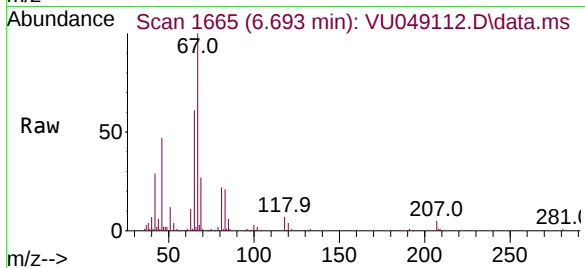
Tgt Ion: 83 Resp: 13825

Ion Ratio Lower Upper

83 100

55 2.5 66.9 100.3#

98 0.0 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.728 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049112.D

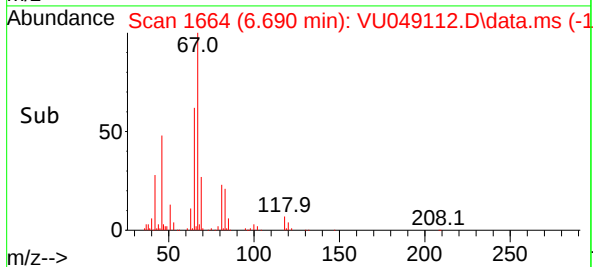
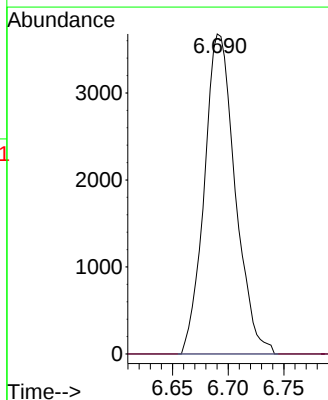
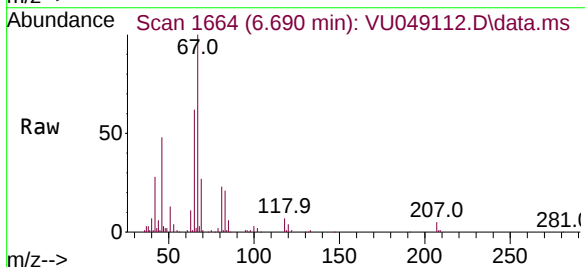
Acq: 14 Jun 2022 14:34

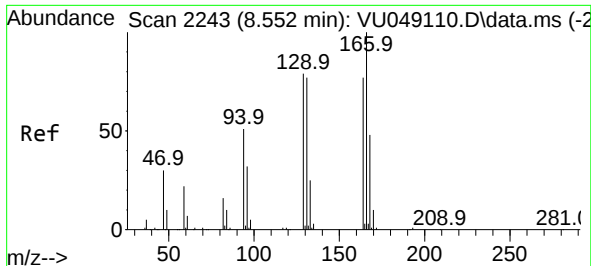
Tgt Ion: 63 Resp: 7095

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#

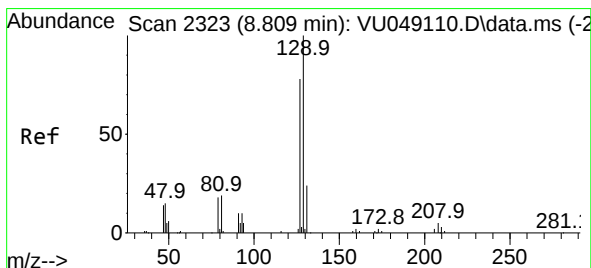
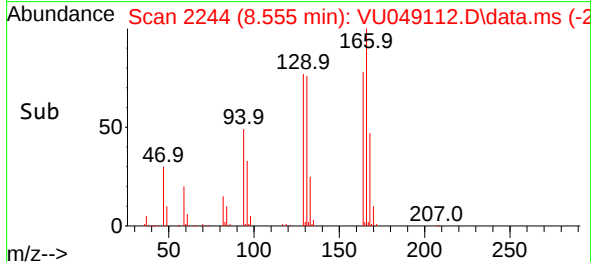
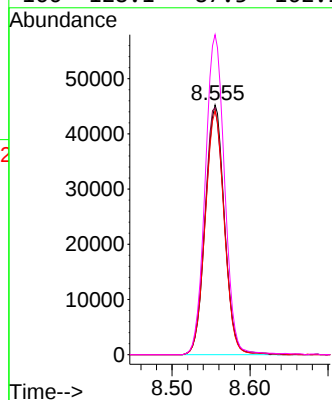
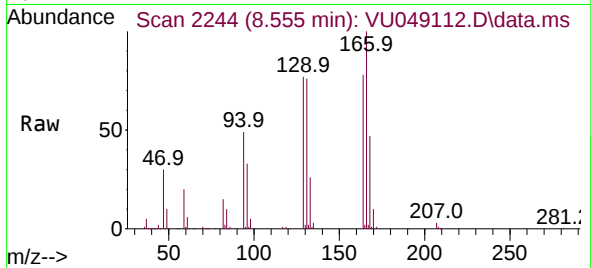




#47
Tetrachloroethene
Concen: 12.357 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049112.D
Acq: 14 Jun 2022 14:34

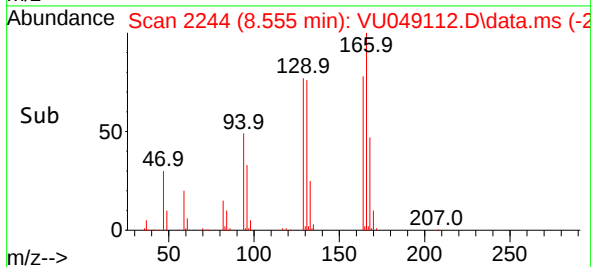
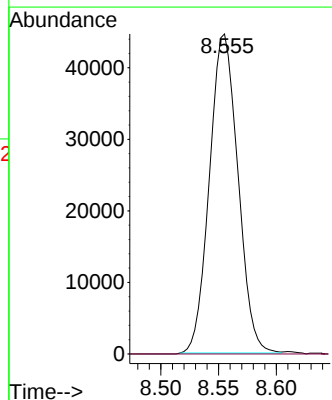
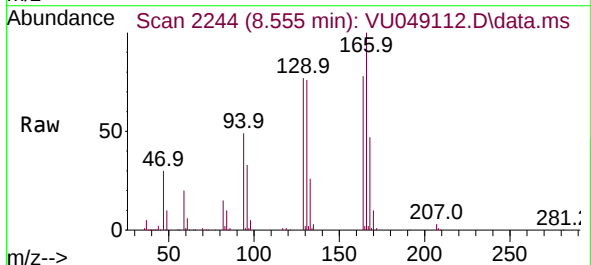
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ClientSampleId :
C0BC8

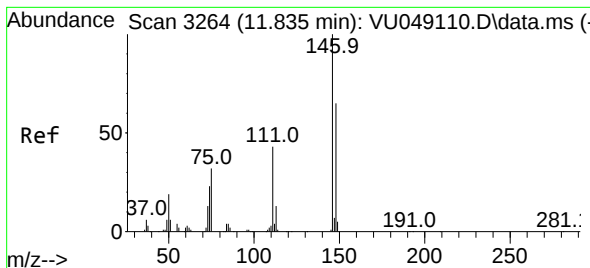
Tgt Ion:164 Resp: 77227
Ion Ratio Lower Upper
164 100
129 98.9 69.8 129.6
131 97.6 67.8 125.8
166 128.1 87.3 162.1



#49
Dibromochloromethane
Concen: 9.878 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.254 min
Lab File: VU049112.D
Acq: 14 Jun 2022 14:34

Tgt Ion:129 Resp: 76536
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#





#65

1,4-Dichlorobenzene

Concen: 0.081 ug/L

RT: 11.838 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049112.D

Acq: 14 Jun 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

C0BC8

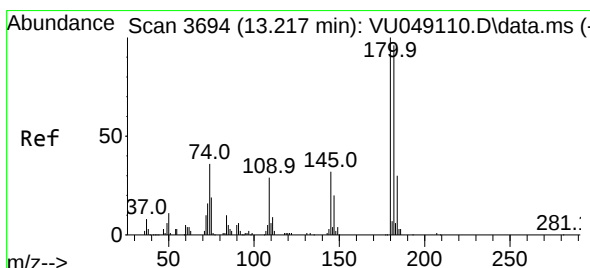
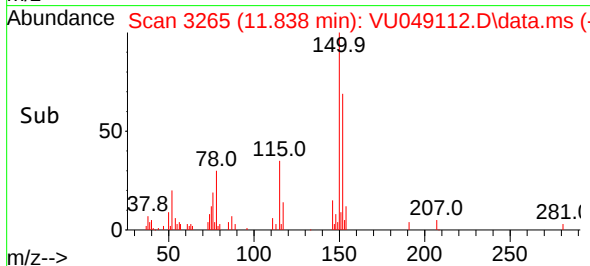
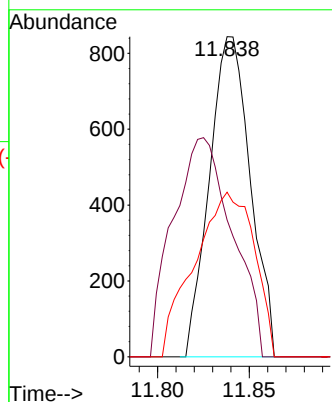
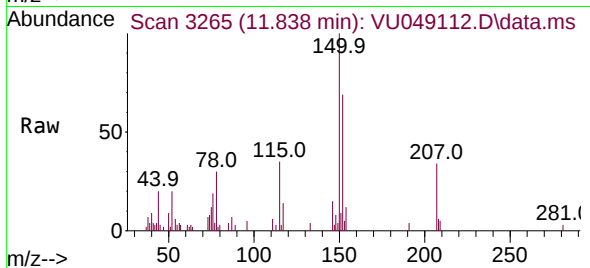
Tgt Ion:146 Resp: 1311

Ion Ratio Lower Upper

146 100

111 42.8 29.8 55.4

148 51.4 44.7 83.1



#69

1,3,5-Trichlorobenzene

Concen: 0.092 ug/L

RT: 13.224 min Scan# 3696

Delta R.T. 0.006 min

Lab File: VU049112.D

Acq: 14 Jun 2022 14:34

Tgt Ion:180 Resp: 1136

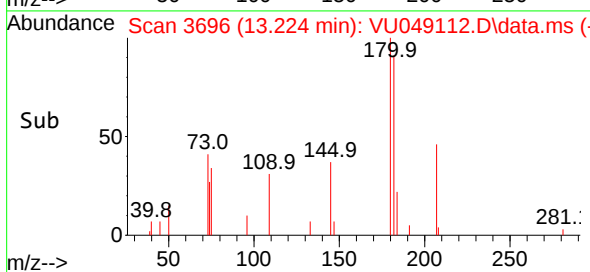
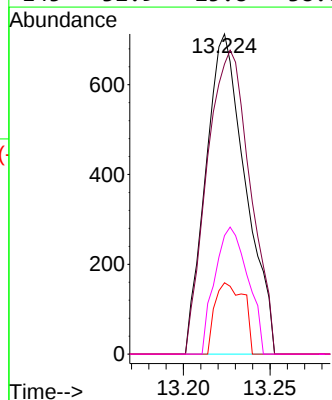
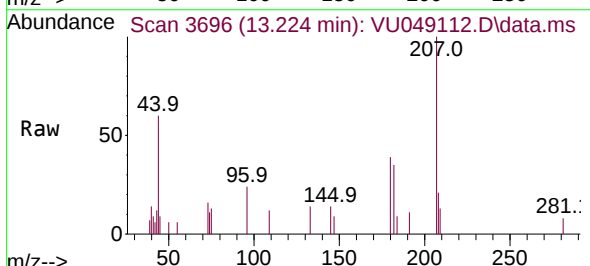
Ion Ratio Lower Upper

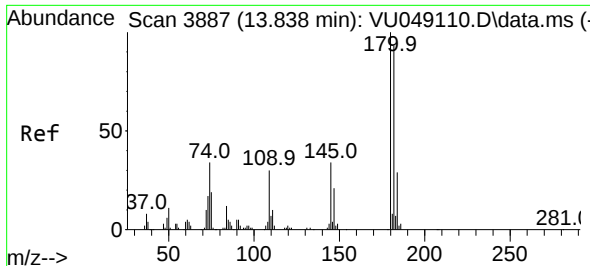
180 100

182 103.2 75.0 112.4

184 16.1 23.2 34.8#

145 32.9 25.8 38.6

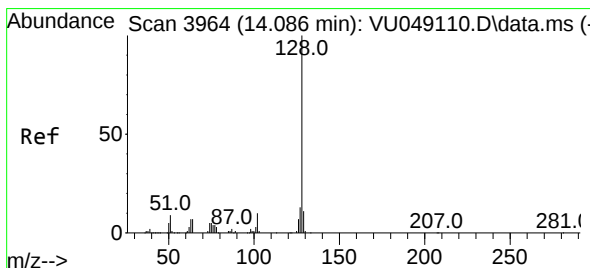
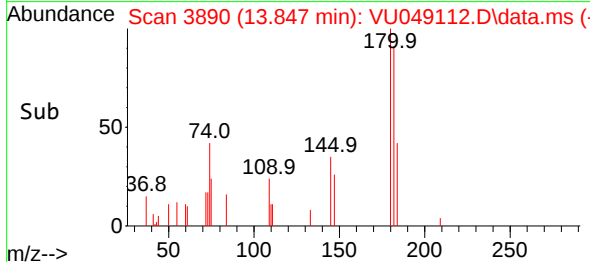
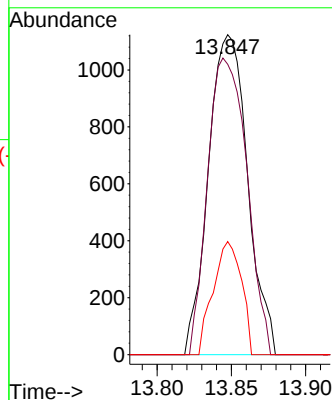
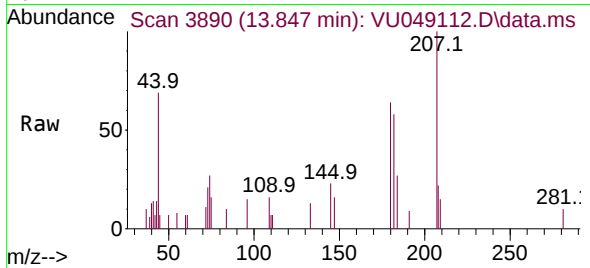




#70
1,2,4-trichlorobenzene
Concen: 0.211 ug/L
RT: 13.847 min Scan# 3890
Delta R.T. 0.009 min
Lab File: VU049112.D
Acq: 14 Jun 2022 14:34

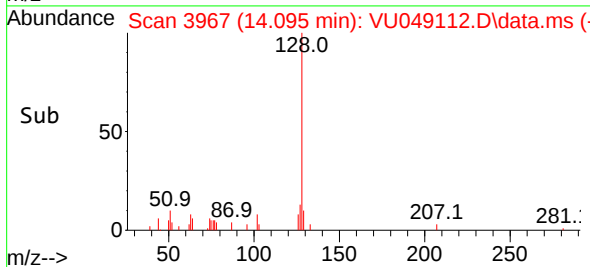
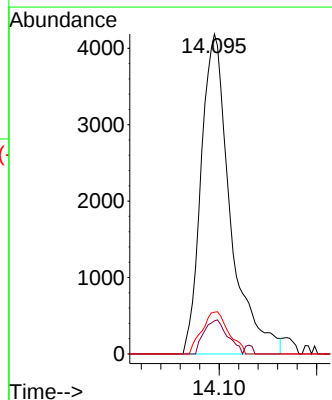
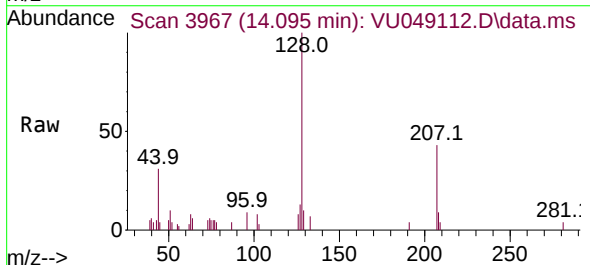
Instrument :
MSVOA_U
ClientSampleId :
C0BC8

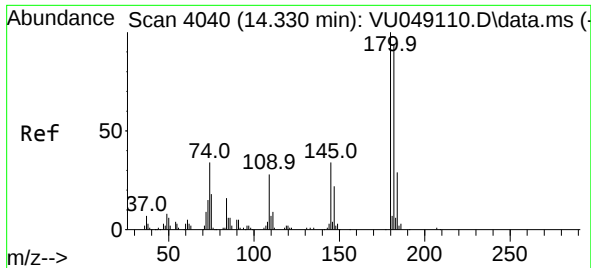
Tgt Ion:180 Resp: 2065
Ion Ratio Lower Upper
180 100
182 92.5 74.6 112.0
145 25.4 26.1 39.1#



#71
Naphthalene
Concen: 0.447 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU049112.D
Acq: 14 Jun 2022 14:34

Tgt Ion:128 Resp: 8698
Ion Ratio Lower Upper
128 100
129 8.6 9.0 13.6#
127 12.0 10.2 15.4





#72

1,2,3-Trichlorobenzene

Concen: 0.199 ug/L

RT: 14.336 min Scan# 40

Delta R.T. 0.006 min

Lab File: VU049112.D

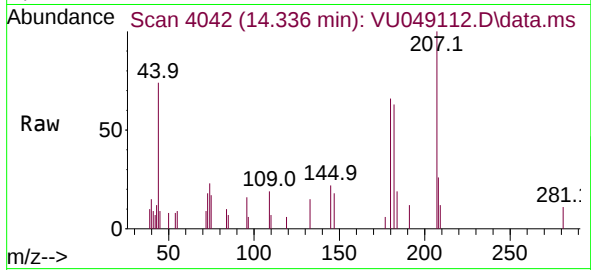
Acq: 14 Jun 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

C0BC8



Tgt Ion:180 Resp: 1835

Ion Ratio Lower Upper

180 100

182 99.9 75.6 113.4

145 32.9 27.9 41.9

