

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049220.D
 Acq On : 16 Jun 2022 21:33
 Operator : SY/MD
 Sample : N3279-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 02:34:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 02:27:54 2022
 Response via : Initial Calibration

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

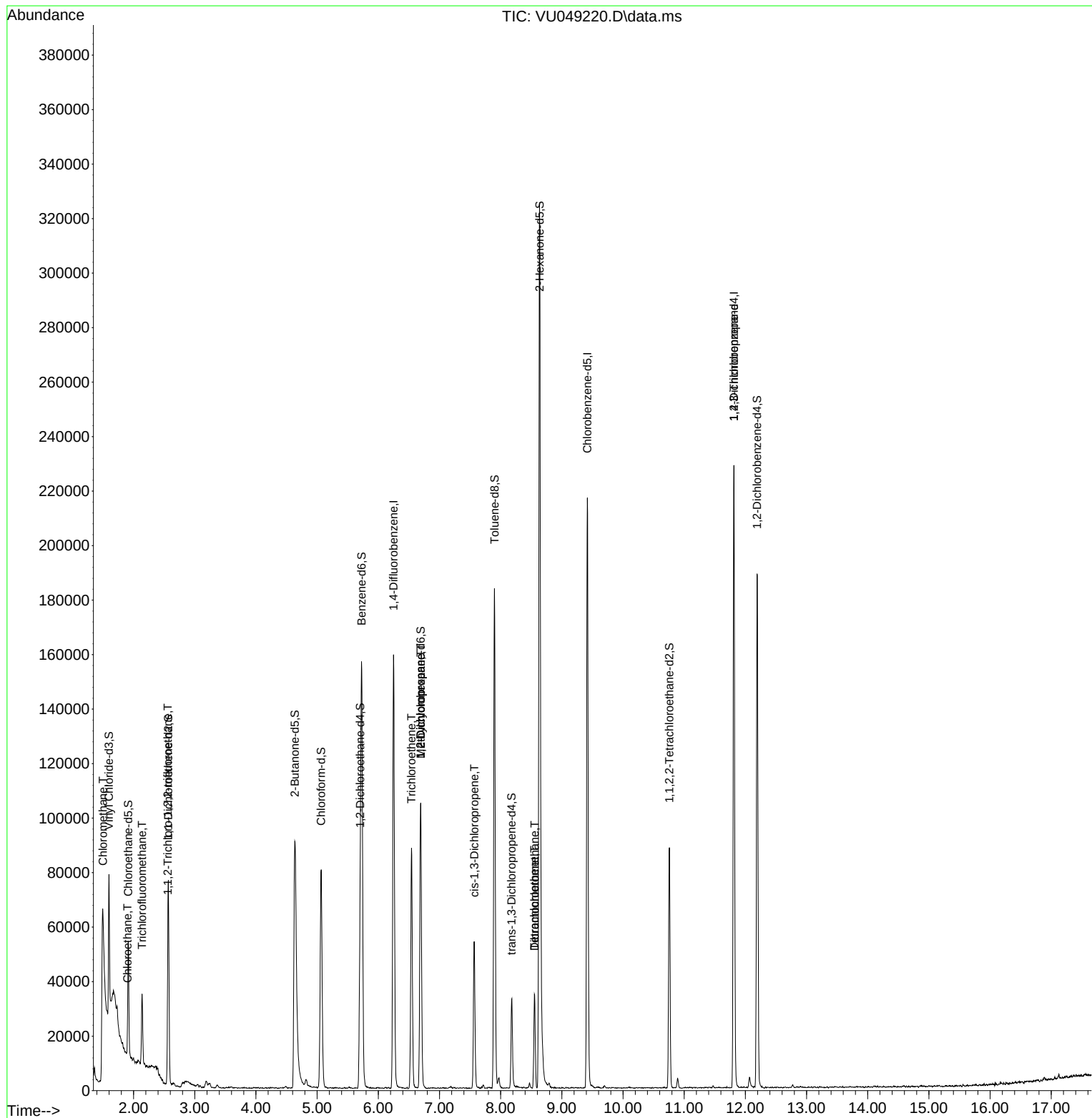
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	125260	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	117944	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	34061	3.112	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.200%	
7) Chloroethane-d5	1.913	69	28657	3.867	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.400%	
11) 1,1-Dichloroethene-d2	2.565	65	14200	3.226	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.600%	
20) 2-Butanone-d5	4.636	46	166499	56.973	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.940%	
24) Chloroform-d	5.067	84	73433	4.276	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	5.703	65	42672	4.530	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
32) Benzene-d6	5.729	84	138779	3.906	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
36) 1,2-Dichloropropane-d6	6.694	67	51732	4.290	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.899	98	118646	3.708	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.200%	
43) trans-1,3-Dichloroprop...	8.179	79	18400	3.434	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.600%	
46) 2-Hexanone-d5	8.636	63	115540	53.462	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.920%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44684	4.628	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	48024	4.288	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.498	50	1836	0.156	ug/L #	42
8) Chloroethane	1.900	64	1690	0.277	ug/L #	55
9) Trichlorofluoromethane	2.138	101	16290	1.333	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	317	0.044	ug/L #	21
34) Trichloroethene	6.543	95	29731	3.314	ug/L	97
35) Methylcyclohexane	6.694	83	11255	0.748	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	5491	0.569	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1503	0.103	ug/L #	65
47) Tetrachloroethene	8.552	164	7162	1.158	ug/L	91
49) Dibromochloromethane	8.555	129	7150	0.932	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	7713	1.178	ug/L #	67

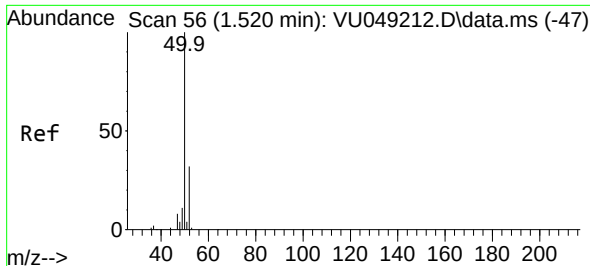
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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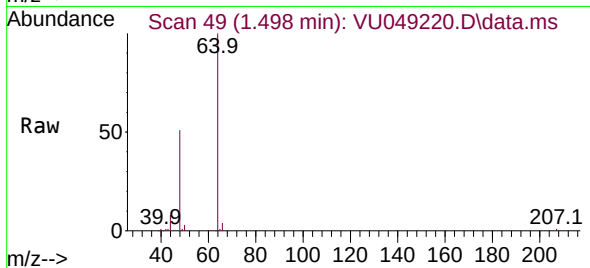
Quant Time: Jun 17 02:34:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
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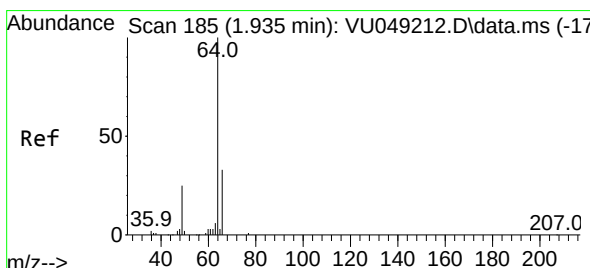
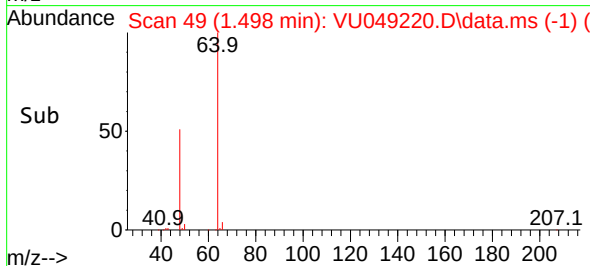
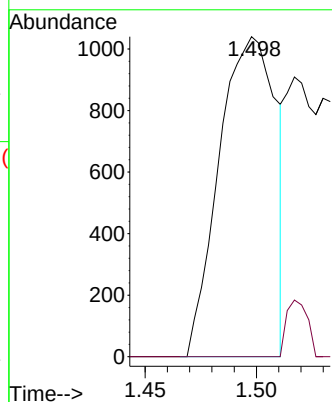


#3
Chloromethane
Concen: 0.156 ug/L
RT: 1.498 min Scan# 49
Delta R.T. -0.022 min
Lab File: VU049220.D
Acq: 16 Jun 2022 21:33

Instrument :
MSVOA_U
ClientSampleId :

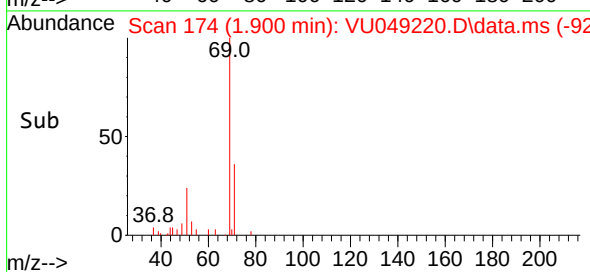
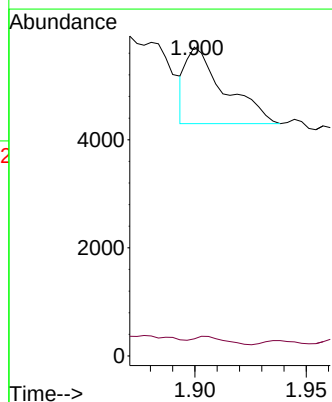
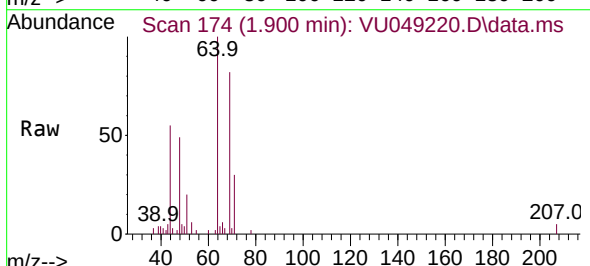


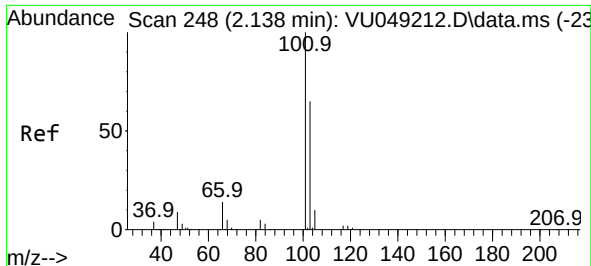
Tgt Ion: 50 Resp: 1836
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#8
Chloroethane
Concen: 0.277 ug/L
RT: 1.900 min Scan# 174
Delta R.T. -0.035 min
Lab File: VU049220.D
Acq: 16 Jun 2022 21:33

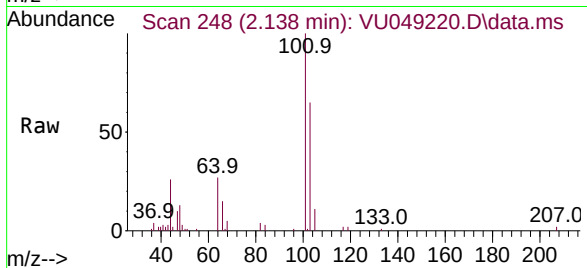
Tgt Ion: 64 Resp: 1690
Ion Ratio Lower Upper
64 100
66 5.5 20.9 38.9#



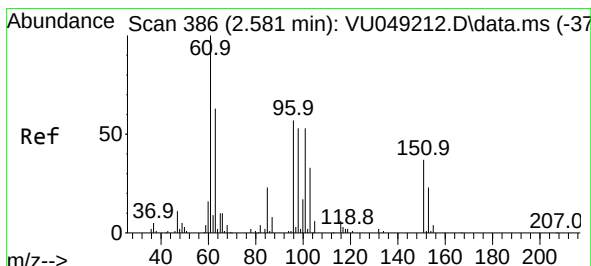
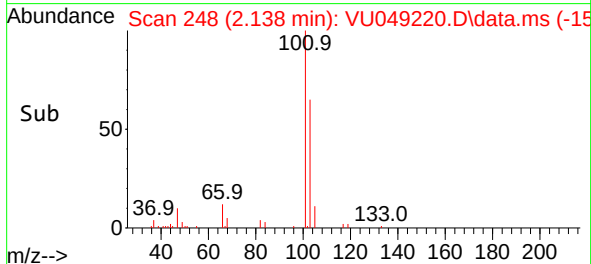
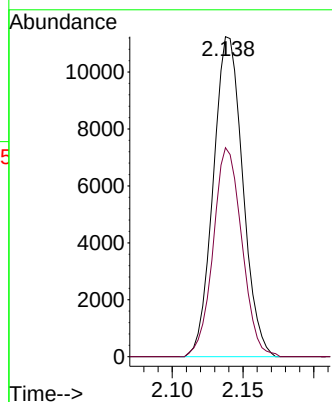


#9
 Trichlorofluoromethane
 Concen: 1.333 ug/L
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU049220.D
 Acq: 16 Jun 2022 21:33

Instrument :
 MSVOA_U
 ClientSampleId :

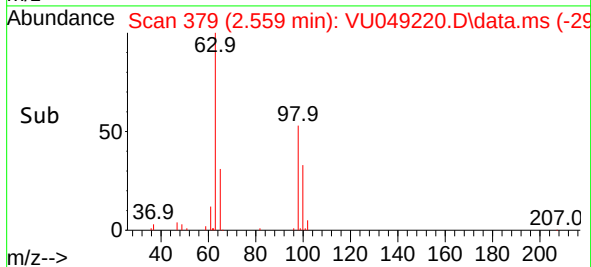
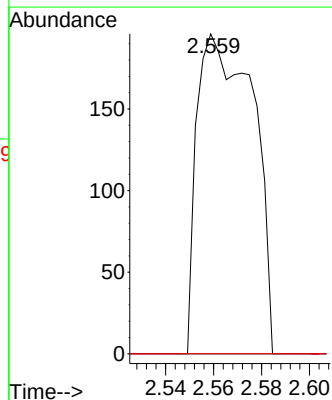
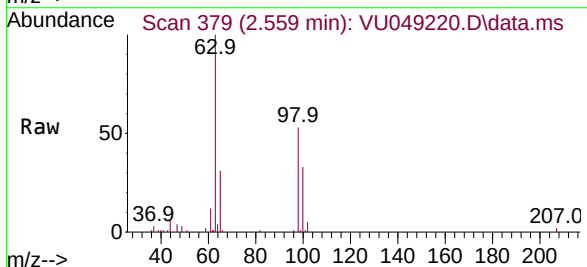


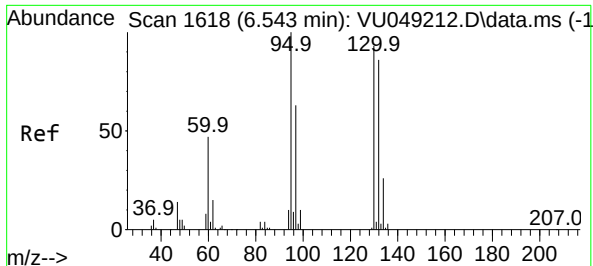
Tgt Ion:101 Resp: 16290
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.044 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.022 min
 Lab File: VU049220.D
 Acq: 16 Jun 2022 21:33

Tgt Ion:101 Resp: 317
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#





#34

Trichloroethene

Concen: 3.314 ug/L

RT: 6.543 min Scan# 1

Delta R.T. 0.000 min

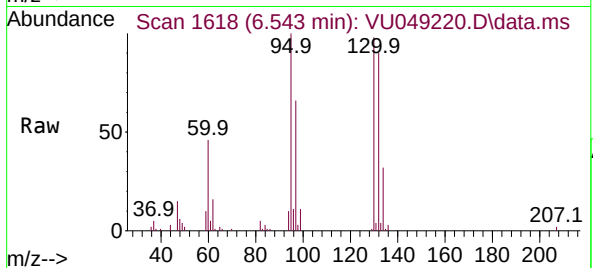
Lab File: VU049220.D

Acq: 16 Jun 2022 21:33

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 29731

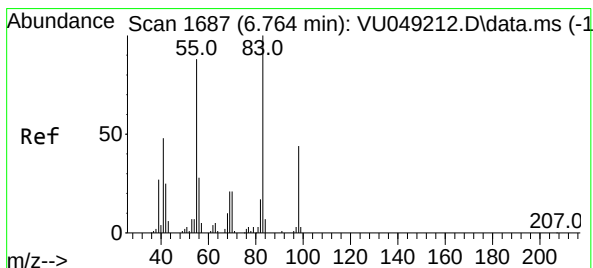
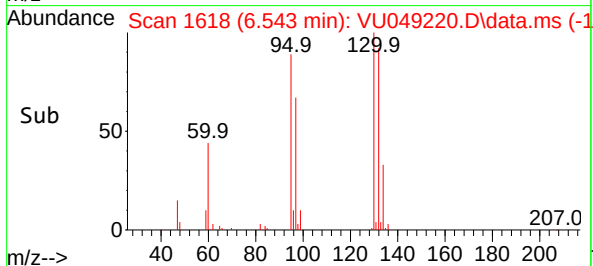
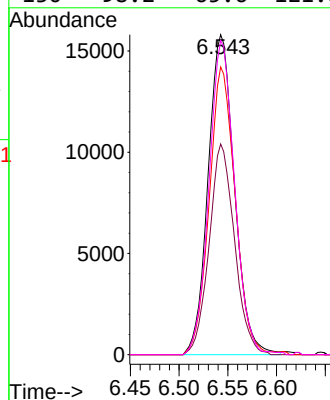
Ion Ratio Lower Upper

95 100

97 65.8 45.3 84.1

132 89.9 61.5 114.3

130 98.2 65.6 121.8



#35

Methylcyclohexane

Concen: 0.748 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU049220.D

Acq: 16 Jun 2022 21:33

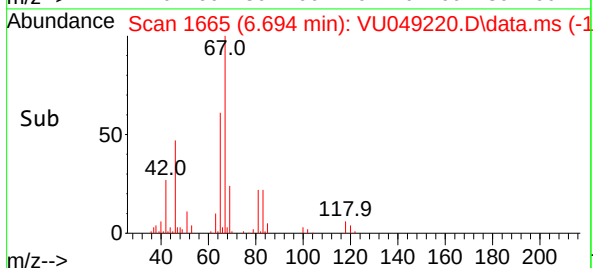
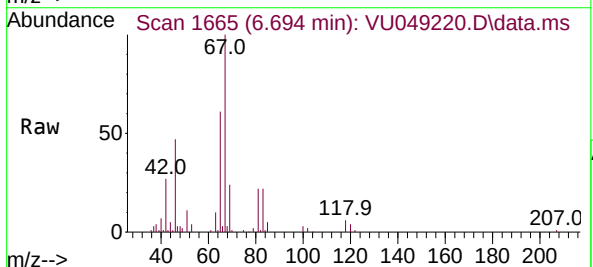
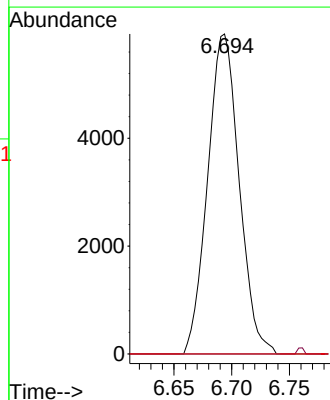
Tgt Ion: 83 Resp: 11255

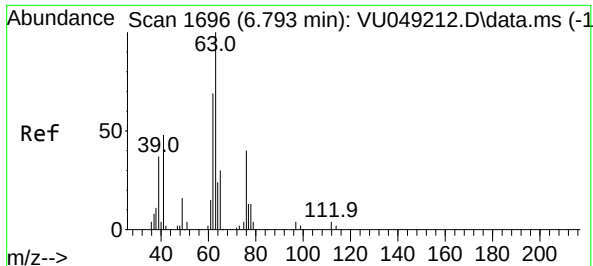
Ion Ratio Lower Upper

83 100

55 0.4 66.9 100.3#

98 1.3 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.569 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049220.D

Acq: 16 Jun 2022 21:33

Instrument :

MSVOA_U

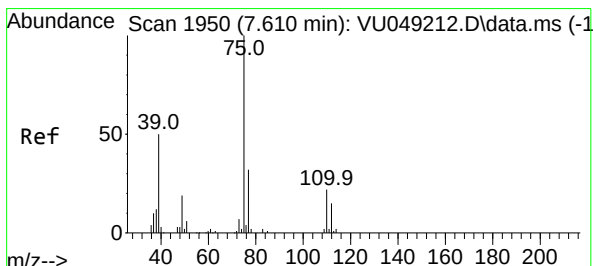
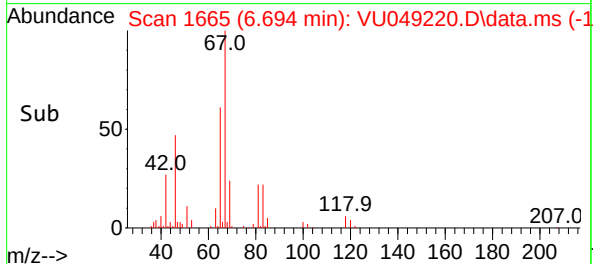
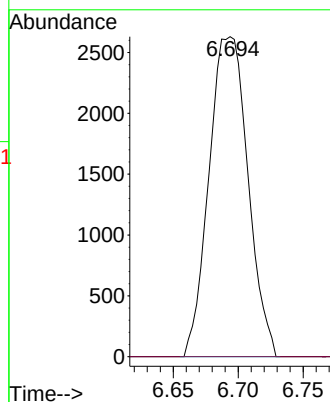
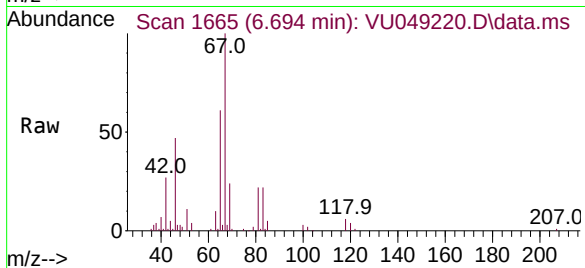
ClientSampleId :

Tgt Ion: 63 Resp: 5491

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU049220.D

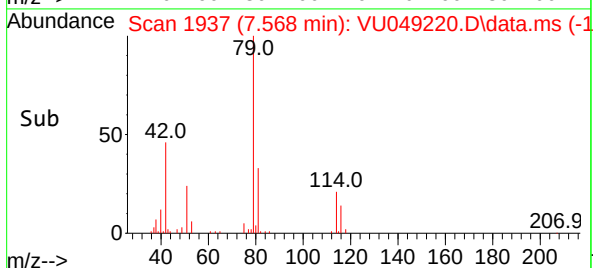
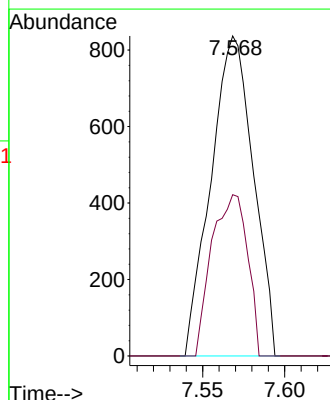
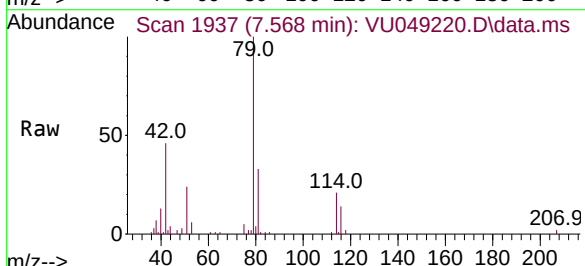
Acq: 16 Jun 2022 21:33

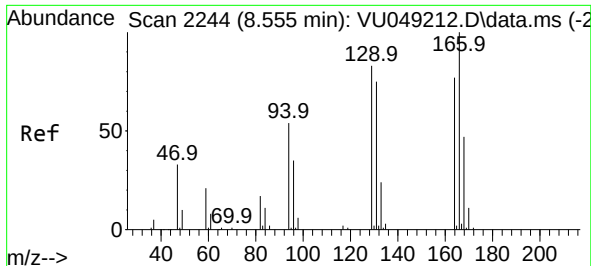
Tgt Ion: 75 Resp: 1503

Ion Ratio Lower Upper

75 100

77 50.4 21.8 40.4#





#47

Tetrachloroethene

Concen: 1.158 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049220.D

Acq: 16 Jun 2022 21:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 7162

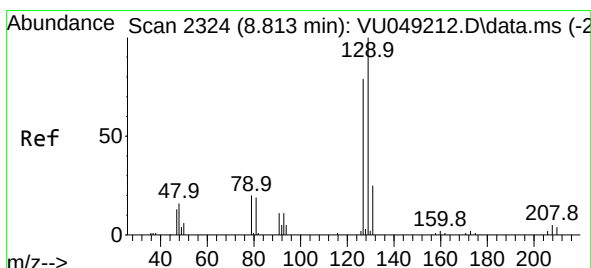
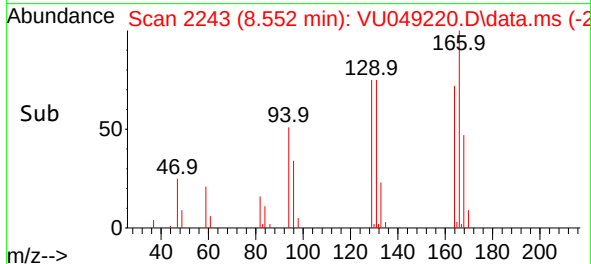
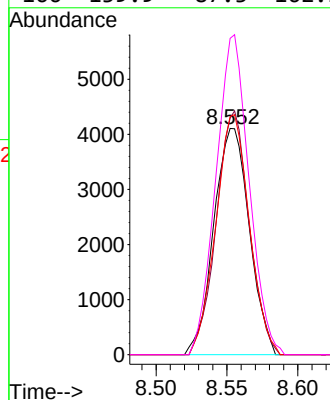
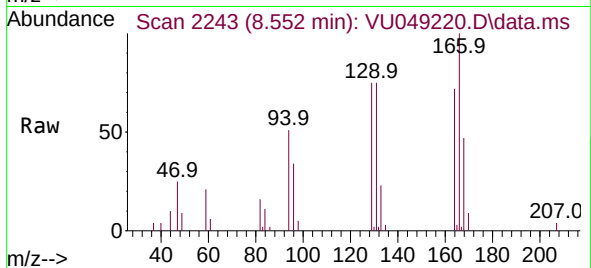
Ion Ratio Lower Upper

164 100

129 104.6 69.8 129.6

131 105.3 67.8 125.8

166 139.9 87.3 162.1



#49

Dibromochloromethane

Concen: 0.932 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU049220.D

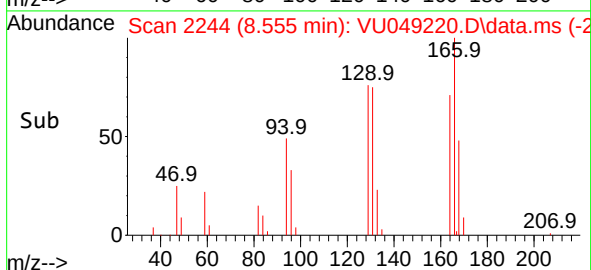
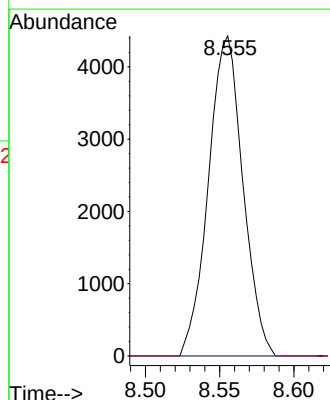
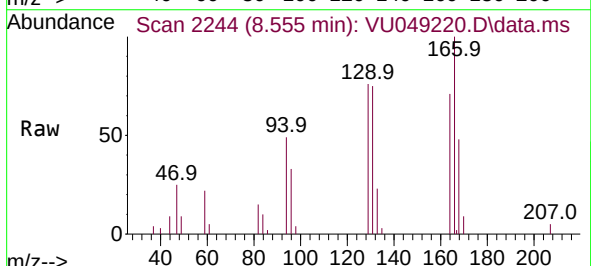
Acq: 16 Jun 2022 21:33

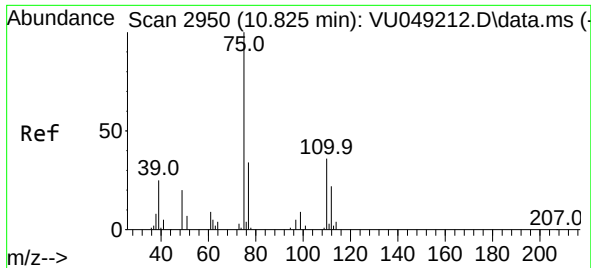
Tgt Ion:129 Resp: 7150

Ion Ratio Lower Upper

129 100

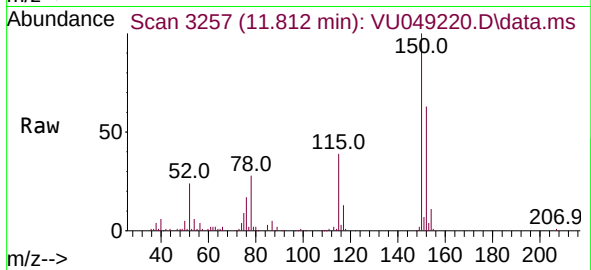
127 0.0 54.9 101.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.178 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049220.D
 Acq: 16 Jun 2022 21:33

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7713
 Ion Ratio Lower Upper
 75 100
 110 1.2 29.0 43.4#
 77 29.9 26.2 39.2

