

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049221.D
 Acq On : 16 Jun 2022 21:57
 Operator : SY/MD
 Sample : N3279-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 02:34:25 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)

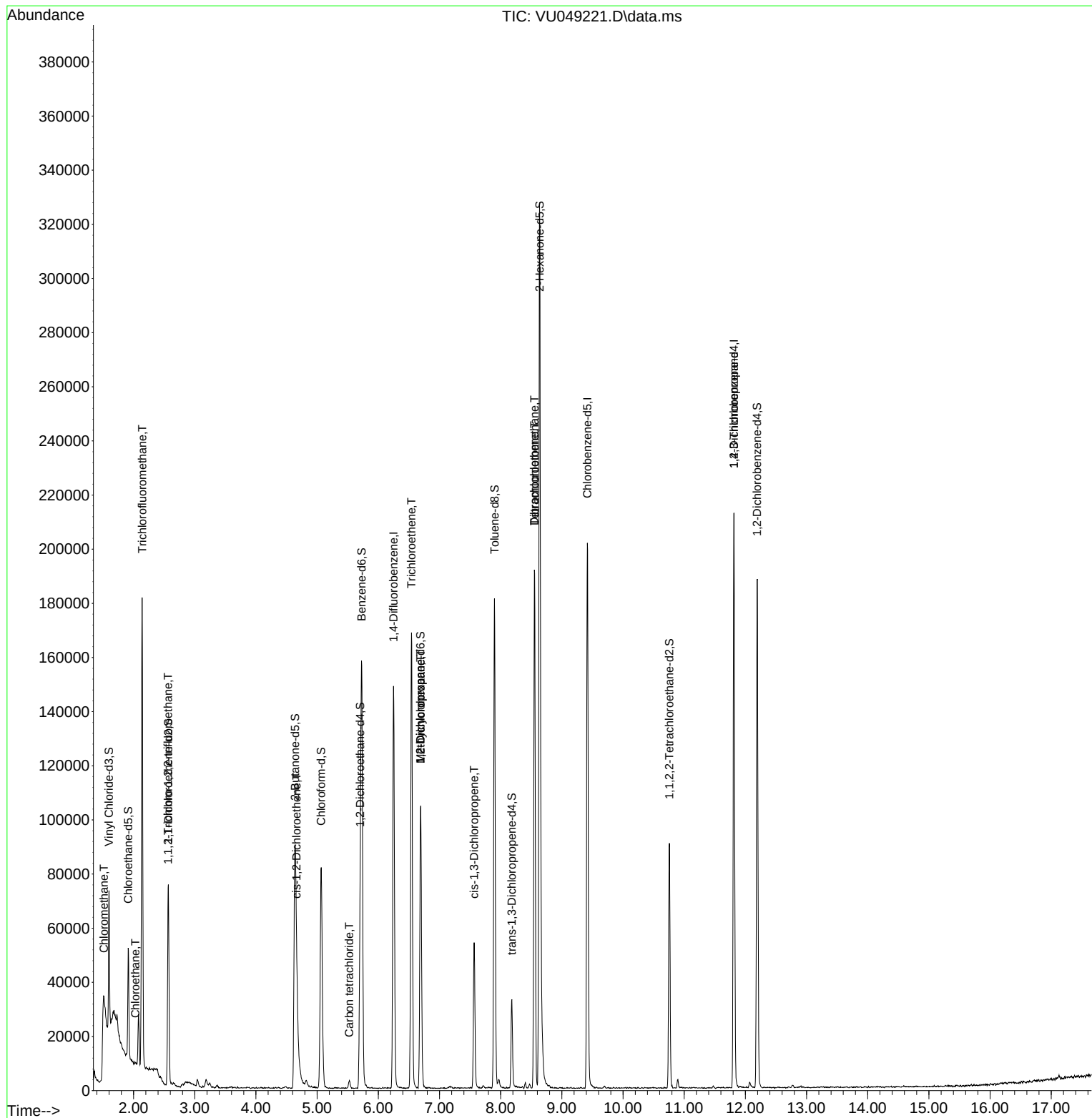
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	118623	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	110161	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54165	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35389	3.414	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.200%	
7) Chloroethane-d5	1.912	69	28436	4.052	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.000%	
11) 1,1-Dichloroethene-d2	2.565	65	14401	3.454	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.000%	
20) 2-Butanone-d5	4.639	46	167037	60.356	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.720%	
24) Chloroform-d	5.063	84	73426	4.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.703	65	43411	4.866	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.729	84	140823	4.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
36) 1,2-Dichloropropane-d6	6.690	67	51521	4.574	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.400%	
41) Toluene-d8	7.899	98	119380	3.995	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	8.182	79	19106	3.818	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.400%	
46) 2-Hexanone-d5	8.636	63	115432	57.185	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.380%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45167	5.008	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	48847	4.700	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1803	0.162	ug/L #	42
8) Chloroethane	2.031	64	672	0.116	ug/L #	57
9) Trichlorofluoromethane	2.141	101	109816	9.489	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	395	0.058	ug/L #	21
22) cis-1,2-Dichloroethene	4.665	96	4029	0.487	ug/L	91
31) Carbon tetrachloride	5.523	117	2064	0.187	ug/L	84
34) Trichloroethene	6.542	95	57646	6.880	ug/L	98
35) Methylcyclohexane	6.690	83	11132	0.792	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	5556	0.617	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1388	0.101	ug/L #	61
47) Tetrachloroethene	8.552	164	40562	7.020	ug/L	98
49) Dibromochloromethane	8.552	129	41469	5.789	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	7487	1.232	ug/L #	66

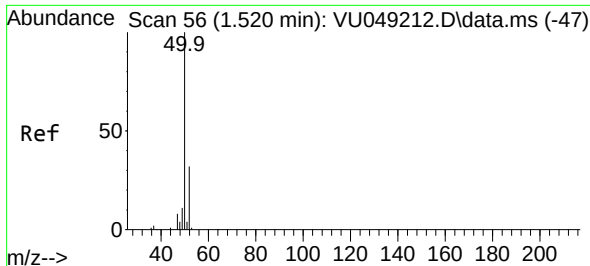
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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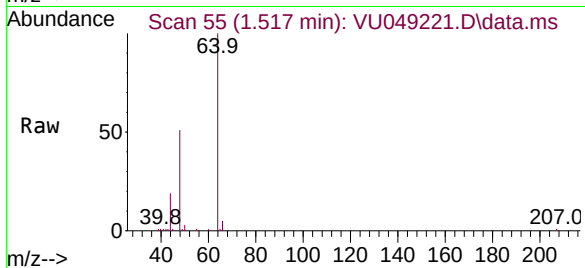
Quant Time: Jun 17 02:34:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
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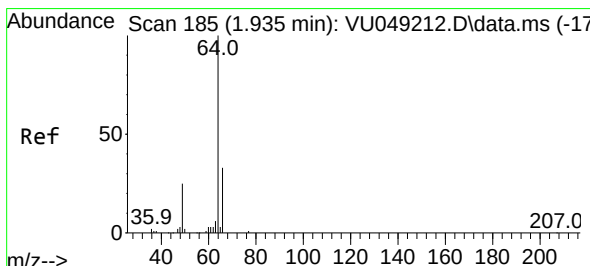
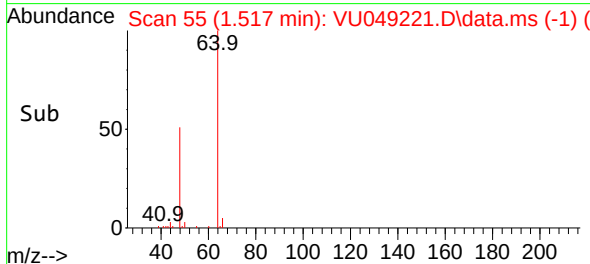
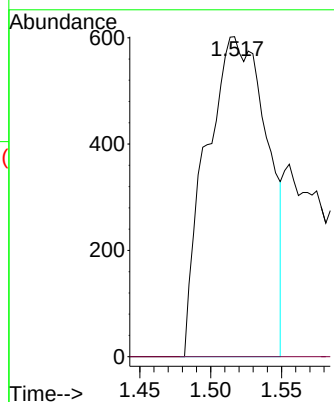


#3
Chloromethane
Concen: 0.162 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU049221.D
Acq: 16 Jun 2022 21:57

Instrument :
MSVOA_U
ClientSampleId :

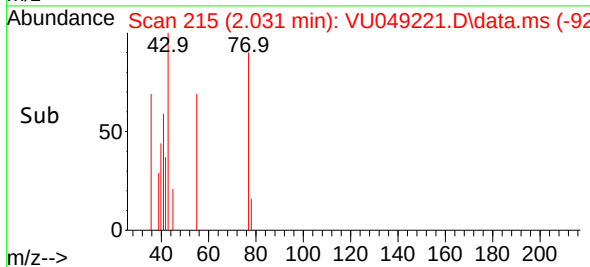
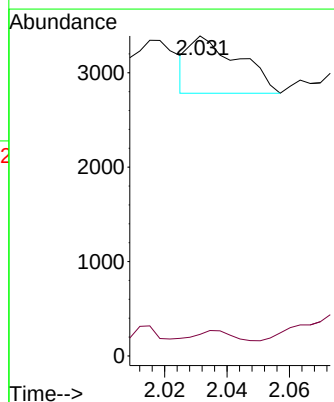
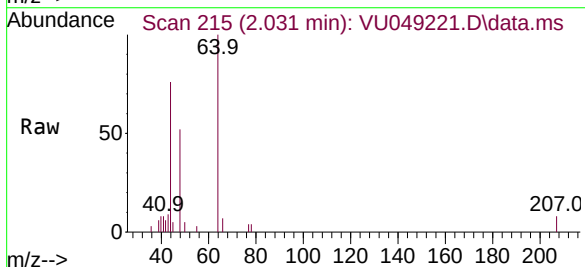


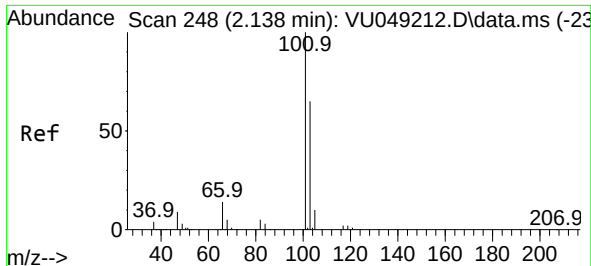
Tgt Ion: 50 Resp: 1803
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#8
Chloroethane
Concen: 0.116 ug/L
RT: 2.031 min Scan# 215
Delta R.T. 0.096 min
Lab File: VU049221.D
Acq: 16 Jun 2022 21:57

Tgt Ion: 64 Resp: 672
Ion Ratio Lower Upper
64 100
66 6.8 20.9 38.9#

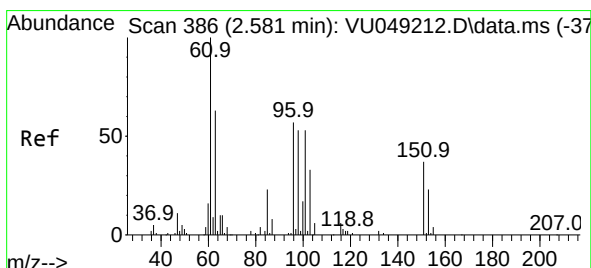
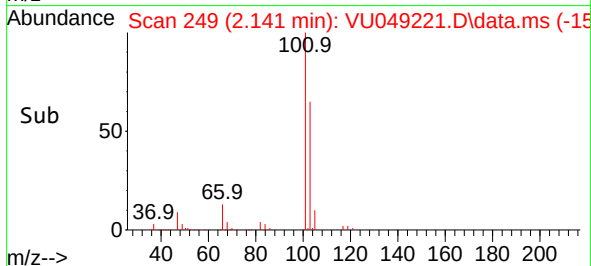
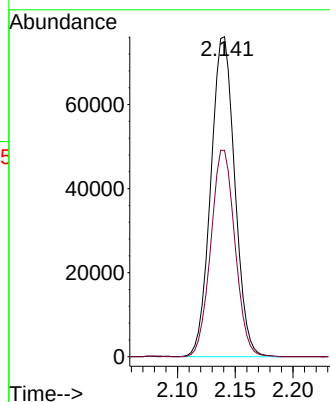
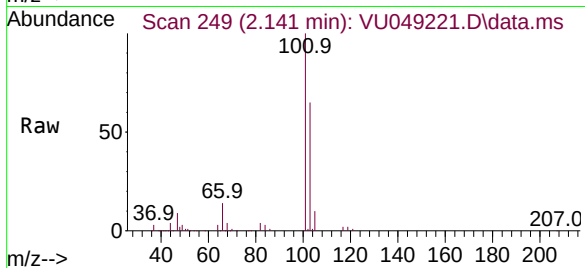




#9
Trichlorofluoromethane
Concen: 9.489 ug/L
RT: 2.141 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU049221.D
Acq: 16 Jun 2022 21:57

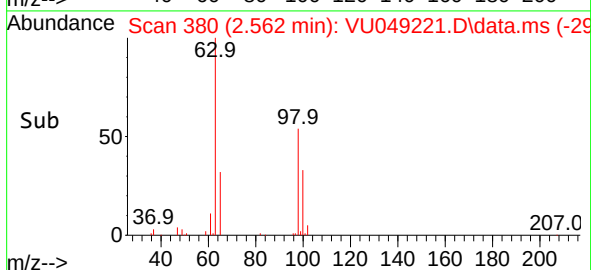
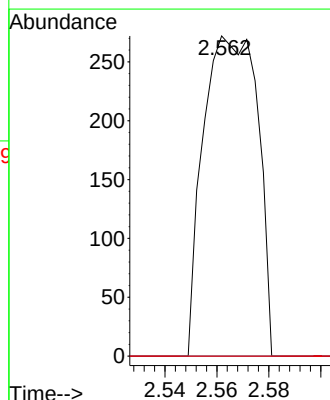
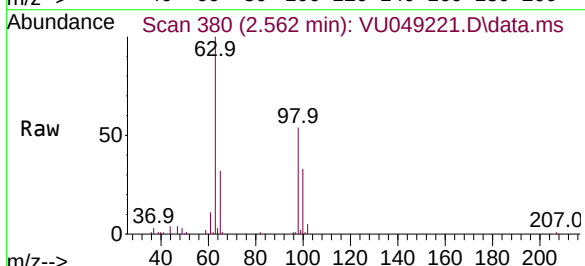
Instrument :
MSVOA_U
ClientSampleId :

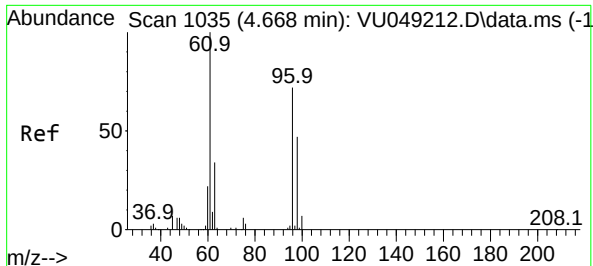
Tgt Ion:101 Resp: 109816
Ion Ratio Lower Upper
101 100
103 65.1 53.5 80.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.019 min
Lab File: VU049221.D
Acq: 16 Jun 2022 21:57

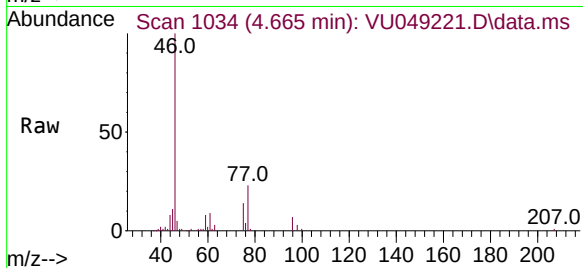
Tgt Ion:101 Resp: 395
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#



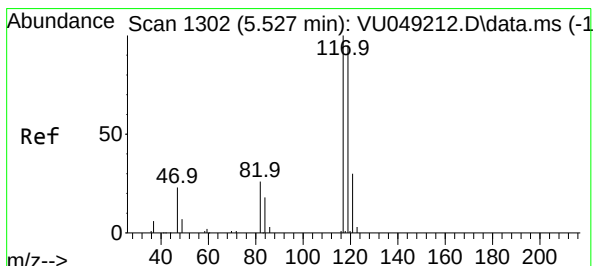
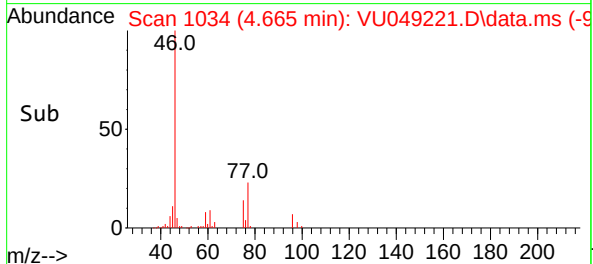
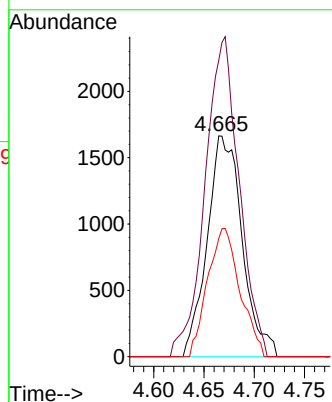


#22
 cis-1,2-Dichloroethene
 Concen: 0.487 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU049221.D
 Acq: 16 Jun 2022 21:57

Instrument :
 MSVOA_U
 ClientSampleId :

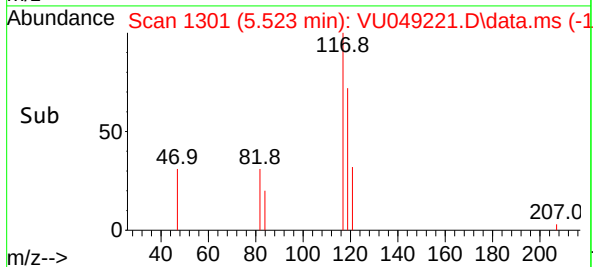
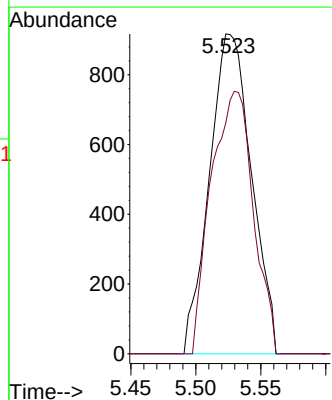
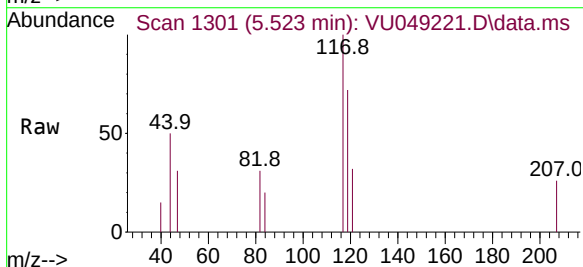


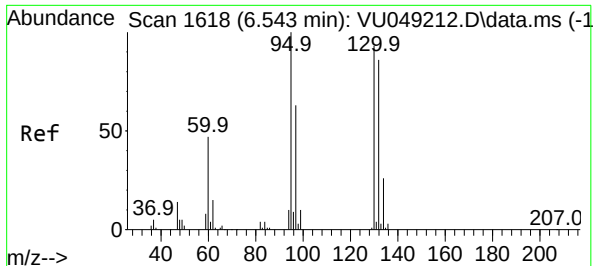
Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.3	99.5	184.9
98	53.5	44.8	83.2



#31
 Carbon tetrachloride
 Concen: 0.187 ug/L
 RT: 5.523 min Scan# 1301
 Delta R.T. -0.003 min
 Lab File: VU049221.D
 Acq: 16 Jun 2022 21:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	82.4	78.3	117.5





#34

Trichloroethene

Concen: 6.880 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

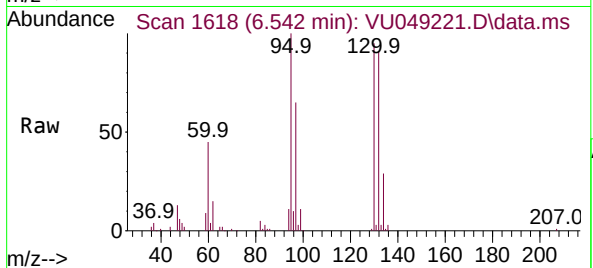
Lab File: VU049221.D

Acq: 16 Jun 2022 21:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 57646

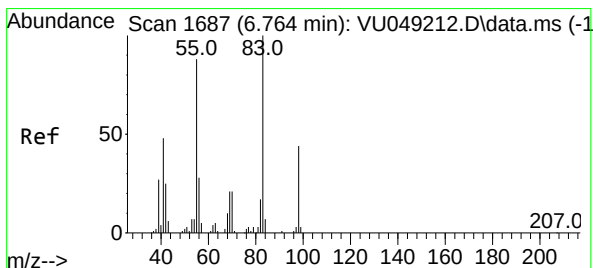
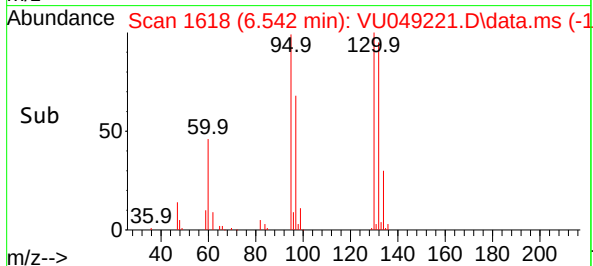
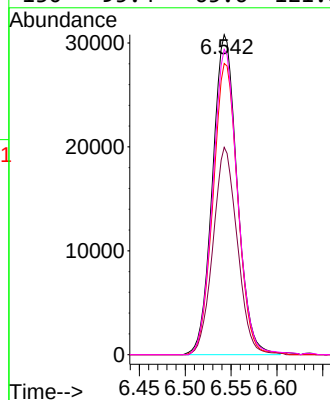
Ion Ratio Lower Upper

95 100

97 64.8 45.3 84.1

132 91.0 61.5 114.3

130 95.4 65.6 121.8



#35

Methylcyclohexane

Concen: 0.792 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU049221.D

Acq: 16 Jun 2022 21:57

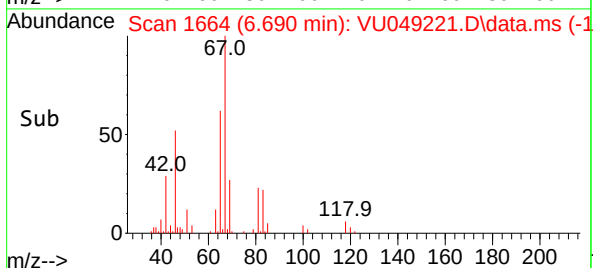
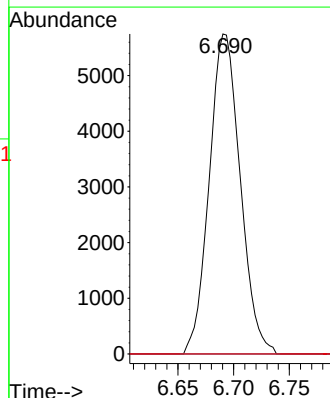
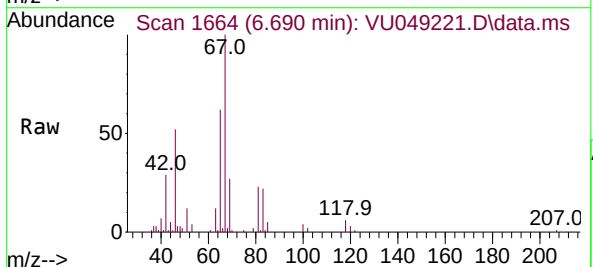
Tgt Ion: 83 Resp: 11132

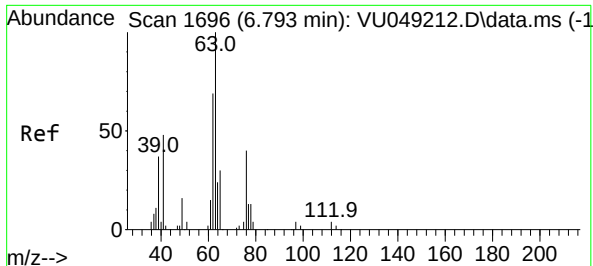
Ion Ratio Lower Upper

83 100

55 0.0 66.9 100.3#

98 4.7 35.5 53.3#

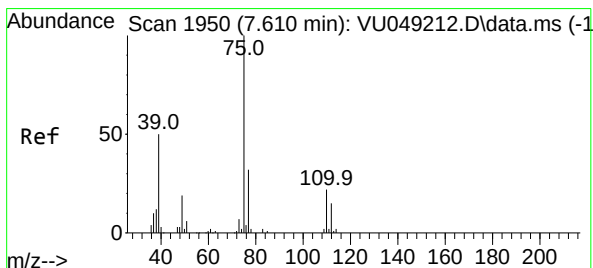
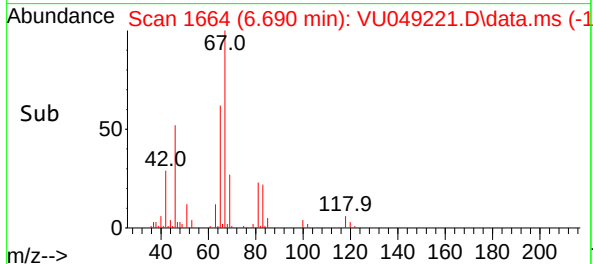
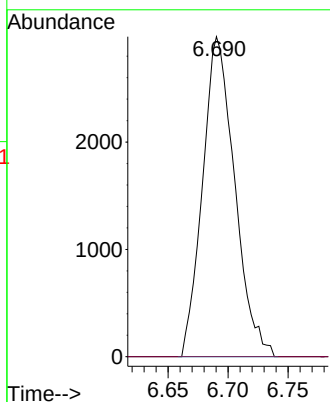
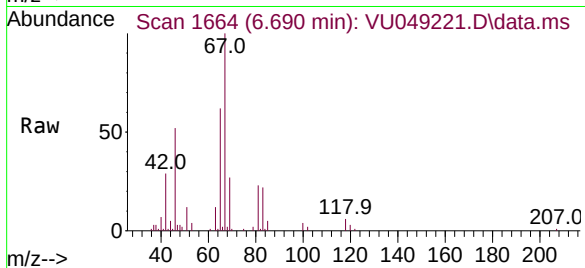




#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU049221.D
Acq: 16 Jun 2022 21:57

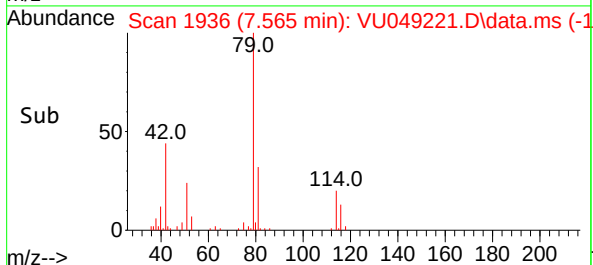
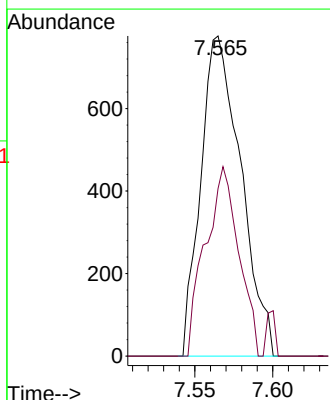
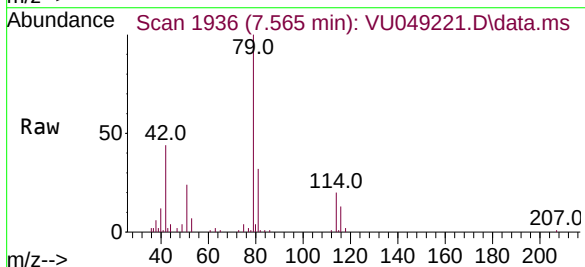
Instrument :
MSVOA_U
ClientSampleId :

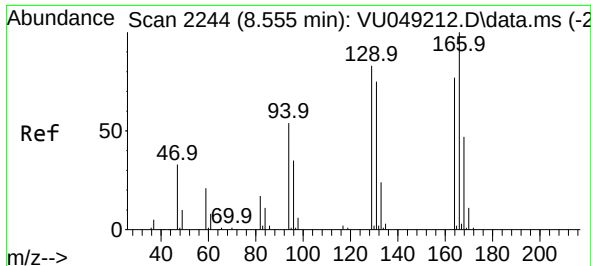
Tgt Ion: 63 Resp: 5556
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU049221.D
Acq: 16 Jun 2022 21:57

Tgt Ion: 75 Resp: 1388
Ion Ratio Lower Upper
75 100
77 52.3 21.8 40.4#





#47

Tetrachloroethene

Concen: 7.020 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU049221.D

Acq: 16 Jun 2022 21:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 40562

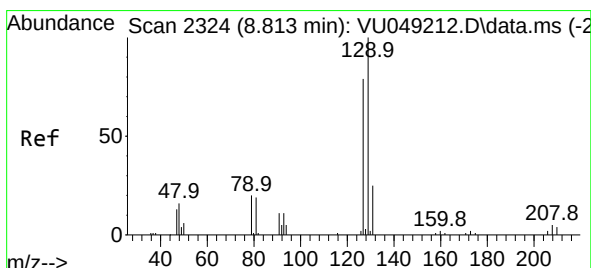
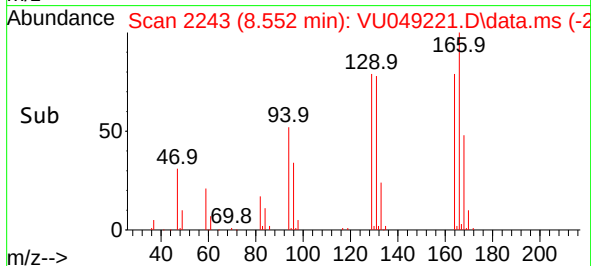
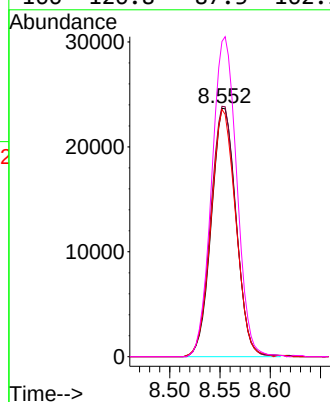
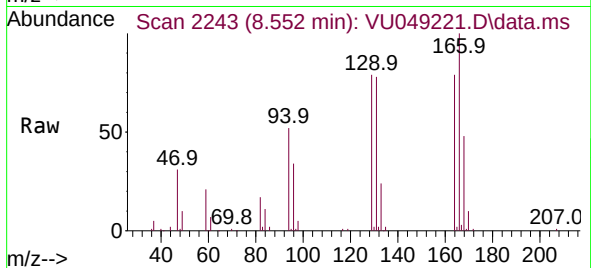
Ion Ratio Lower Upper

164 100

129 100.8 69.8 129.6

131 99.5 67.8 125.8

166 126.8 87.3 162.1



#49

Dibromochloromethane

Concen: 5.789 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.261 min

Lab File: VU049221.D

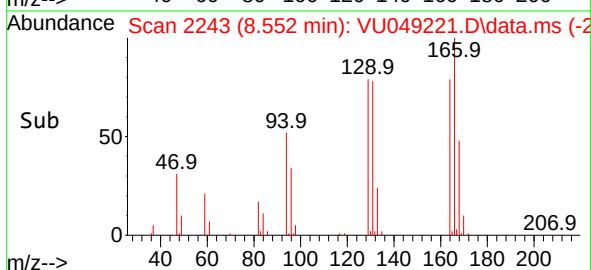
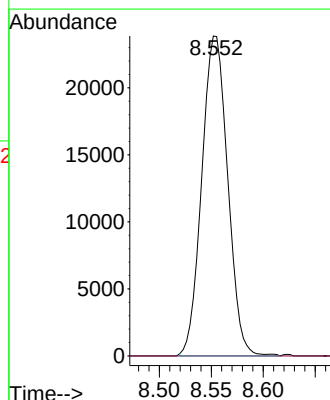
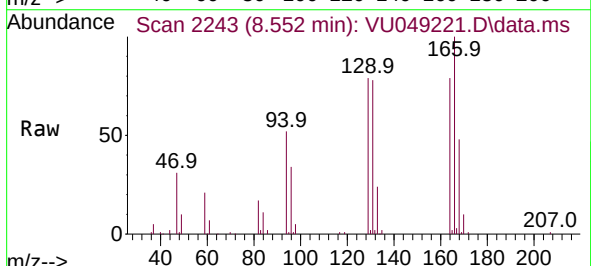
Acq: 16 Jun 2022 21:57

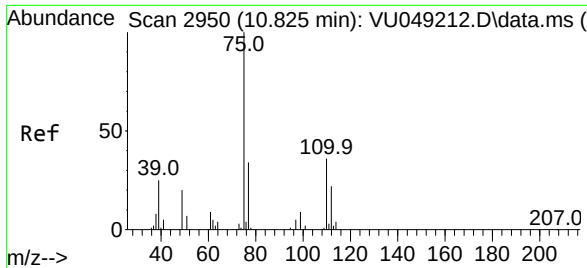
Tgt Ion:129 Resp: 41469

Ion Ratio Lower Upper

129 100

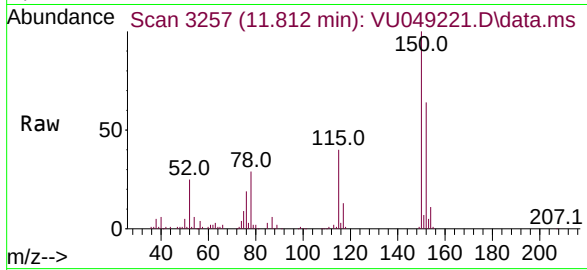
127 0.0 54.9 101.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.232 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049221.D
 Acq: 16 Jun 2022 21:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7487
 Ion Ratio Lower Upper
 75 100
 110 1.0 29.0 43.4#
 77 29.3 26.2 39.2

