

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049210.D
 Acq On : 16 Jun 2022 16:17
 Operator : SY/MD
 Sample : N3277-16 10000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 01:28:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 01:23:56 2022
 Response via : Initial Calibration

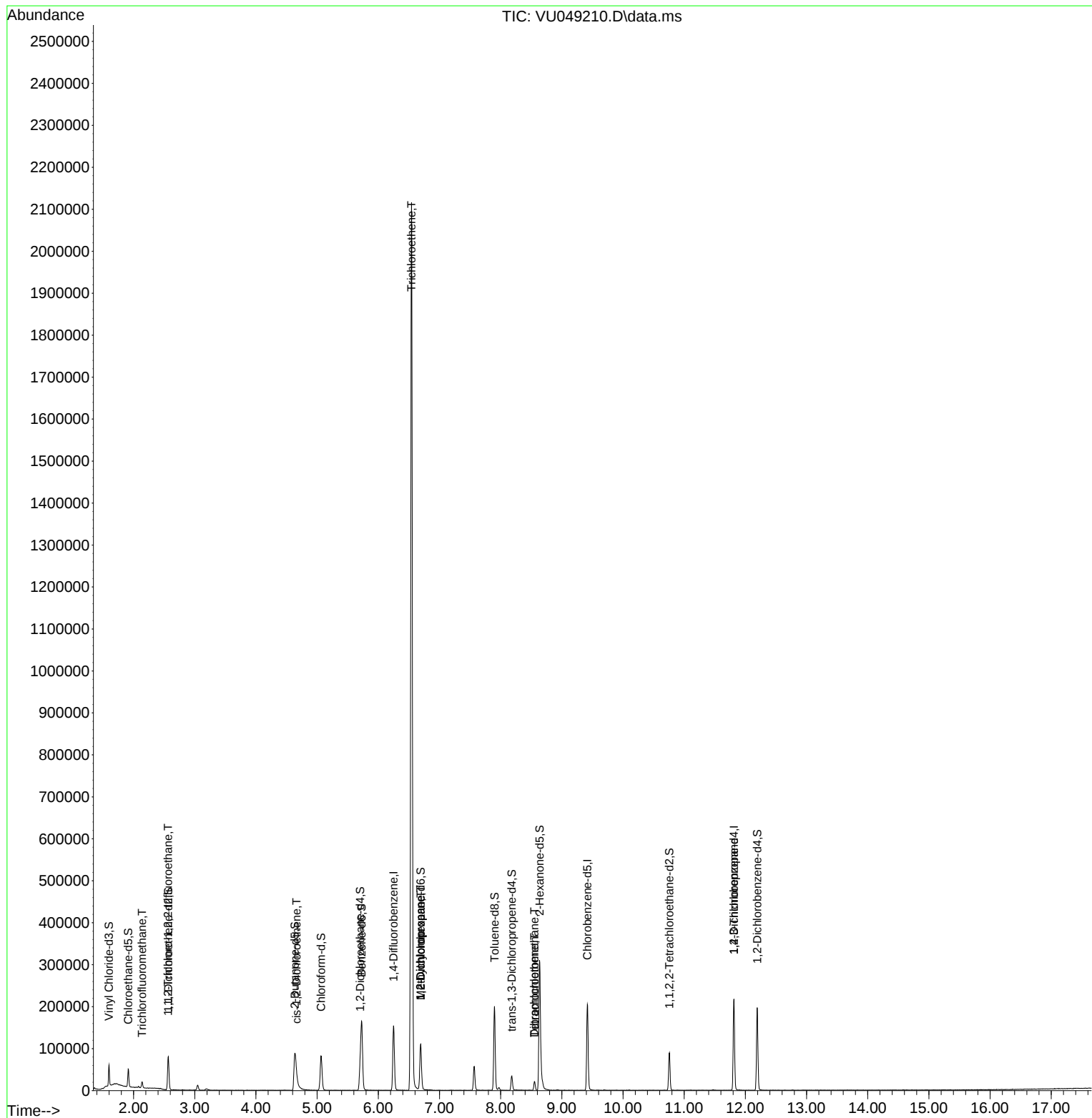
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	122994	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	111255	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	56298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35053	3.262	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.200%	
7) Chloroethane-d5	1.912	69	28775	3.955	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.000%	
11) 1,1-Dichloroethene-d2	2.568	65	15601	3.609	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.200%	
20) 2-Butanone-d5	4.636	46	163347	56.925	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.840%	
24) Chloroform-d	5.063	84	76069	4.511	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.703	65	43186	4.669	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	5.729	84	146854	4.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.694	67	52897	4.650	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.899	98	127500	4.225	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	8.182	79	20162	3.990	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.800%	
46) 2-Hexanone-d5	8.636	63	110132	54.023	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.040%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46321	5.086	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	48742	4.512	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.200%	
Target Compounds						
9) Trichlorofluoromethane	2.138	101	9128	0.761	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	434	0.061	ug/L #	21
22) cis-1,2-Dichloroethene	4.662	96	490	0.057	ug/L	92
34) Trichloroethene	6.543	95	730493	86.324	ug/L	99
35) Methylcyclohexane	6.694	83	11703	0.825	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	5527	0.608	ug/L #	89
47) Tetrachloroethene	8.552	164	4565	0.782	ug/L	94
49) Dibromochloromethane	8.552	129	4427	0.612	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	7586	1.201	ug/L #	69

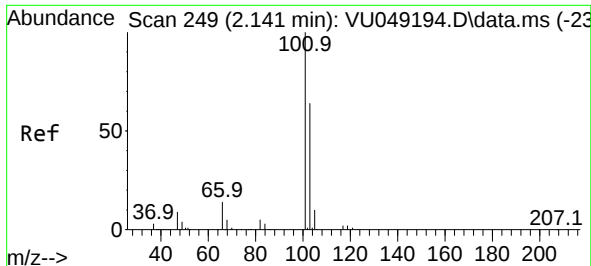
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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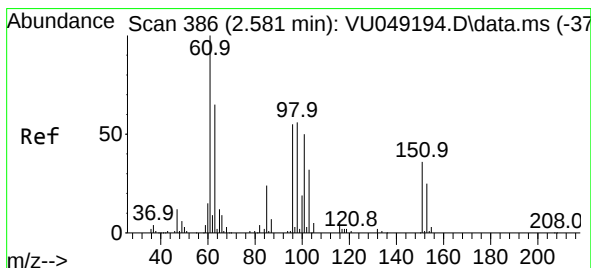
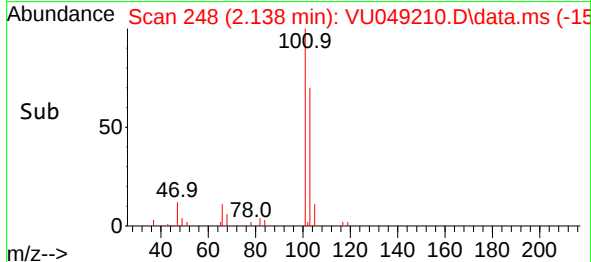
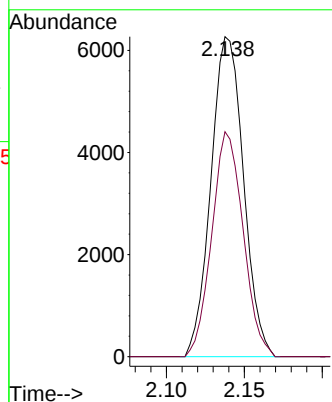
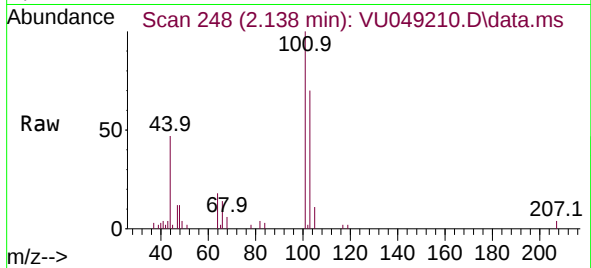




#9
 Trichlorofluoromethane
 Concen: 0.761 ug/L
 RT: 2.138 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: VU049210.D
 Acq: 16 Jun 2022 16:17

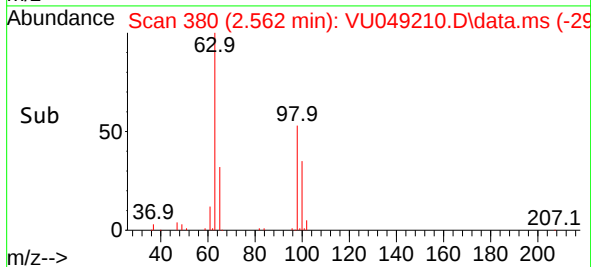
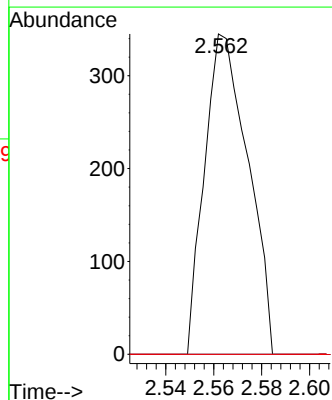
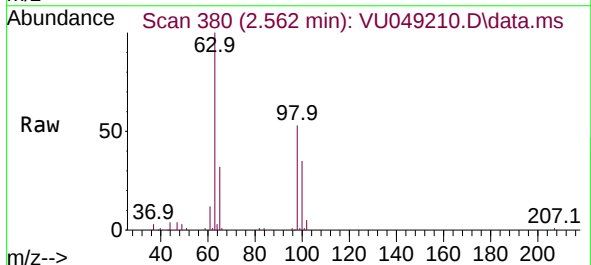
Instrument :
 MSVOA_U
 ClientSampleId :

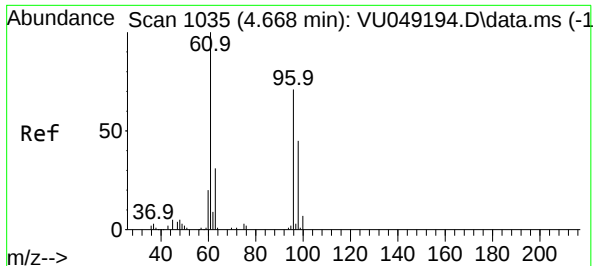
Tgt Ion:101 Resp: 9128
 Ion Ratio Lower Upper
 101 100
 103 67.6 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.061 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.019 min
 Lab File: VU049210.D
 Acq: 16 Jun 2022 16:17

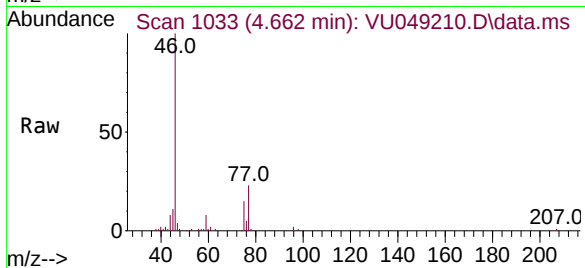
Tgt Ion:101 Resp: 434
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



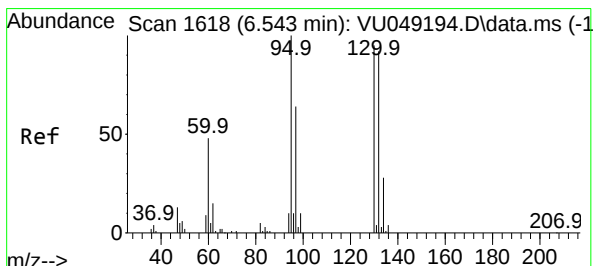
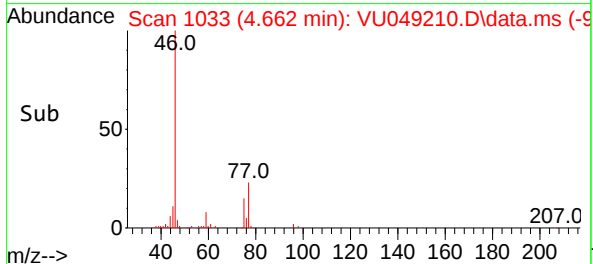
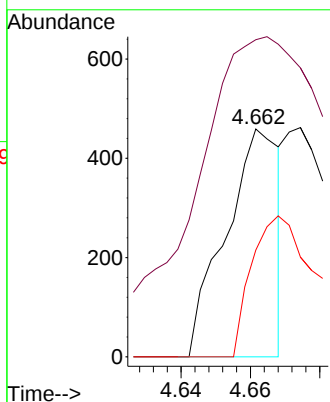


#22
cis-1,2-Dichloroethene
Concen: 0.057 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VU049210.D
Acq: 16 Jun 2022 16:17

Instrument :
MSVOA_U
ClientSampleId :

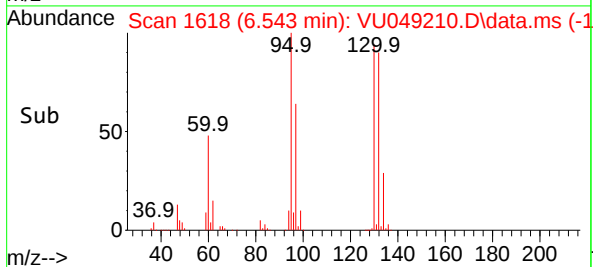
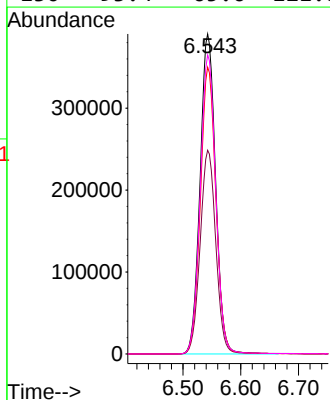
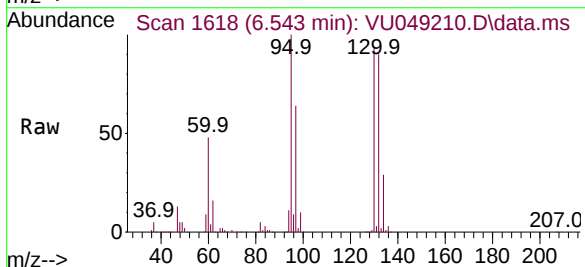


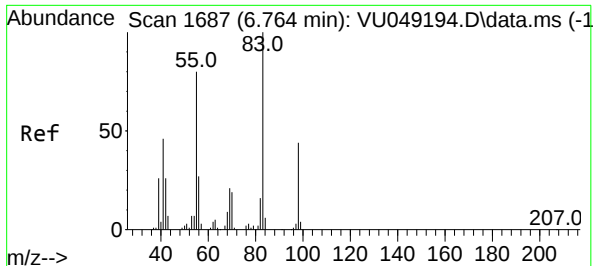
Tgt Ion: 96 Resp: 490
Ion Ratio Lower Upper
96 100
61 139.2 99.5 184.9
98 46.8 44.8 83.2



#34
Trichloroethene
Concen: 86.324 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049210.D
Acq: 16 Jun 2022 16:17

Tgt Ion: 95 Resp: 730493
Ion Ratio Lower Upper
95 100
97 63.7 45.3 84.1
132 89.6 61.5 114.3
130 93.4 65.6 121.8

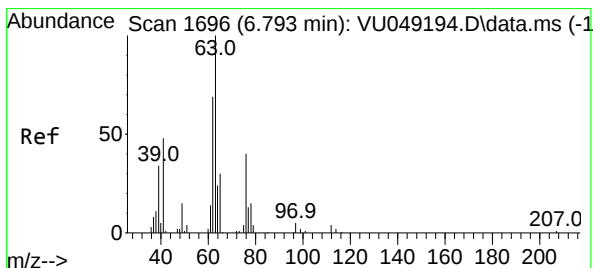
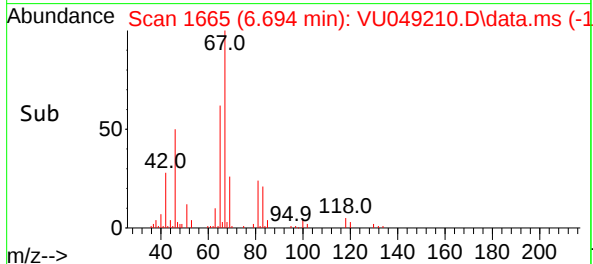
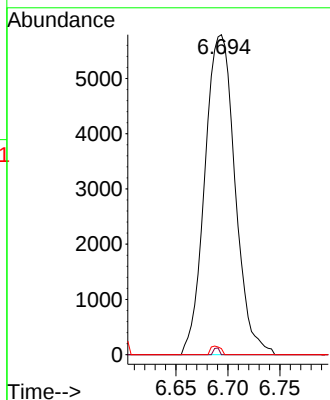
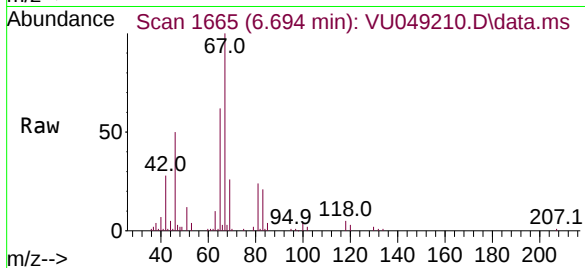




#35
Methylcyclohexane
Concen: 0.825 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049210.D
Acq: 16 Jun 2022 16:17

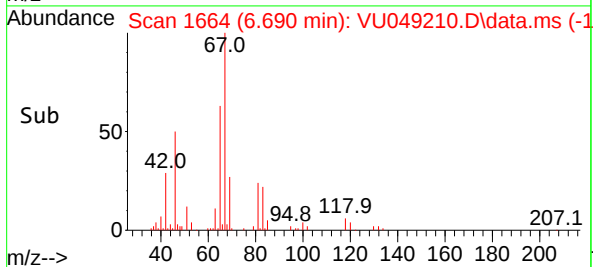
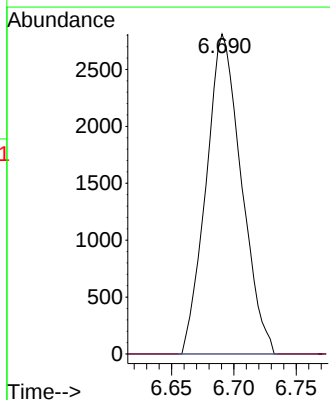
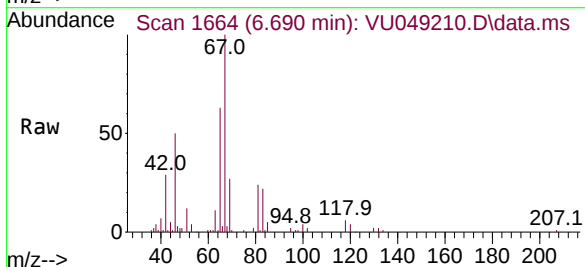
Instrument :
MSVOA_U
ClientSampleId :

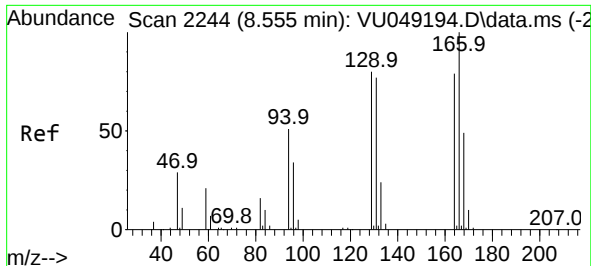
Tgt Ion: 83 Resp: 11703
Ion Ratio Lower Upper
83 100
55 0.4 66.9 100.3#
98 0.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.608 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU049210.D
Acq: 16 Jun 2022 16:17

Tgt Ion: 63 Resp: 5527
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#47

Tetrachloroethene

Concen: 0.782 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

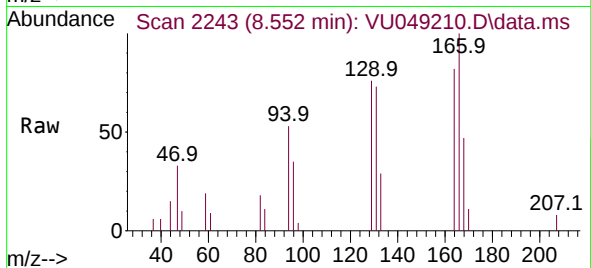
Lab File: VU049210.D

Acq: 16 Jun 2022 16:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4565

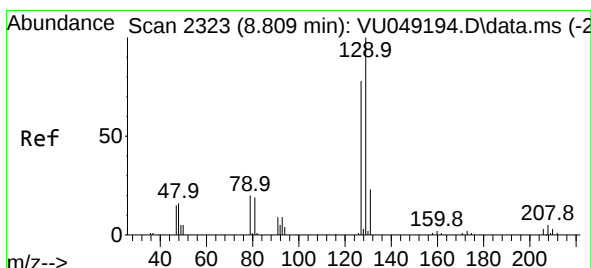
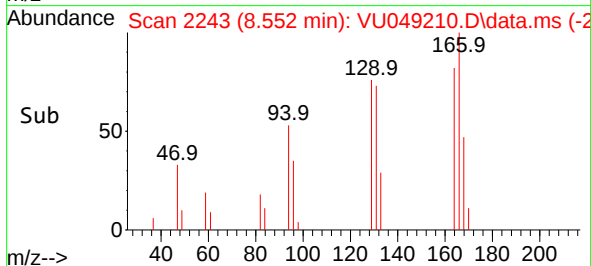
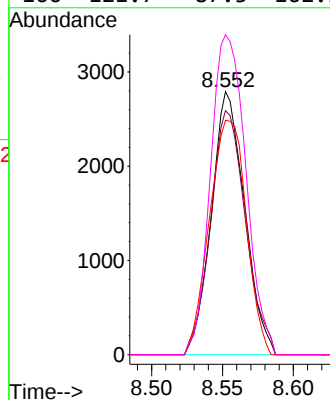
Ion Ratio Lower Upper

164 100

129 92.8 69.8 129.6

131 89.1 67.8 125.8

166 121.7 87.3 162.1



#49

Dibromochloromethane

Concen: 0.612 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU049210.D

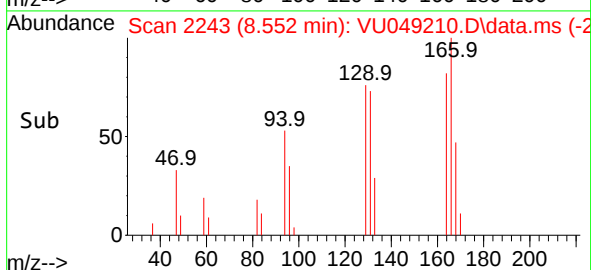
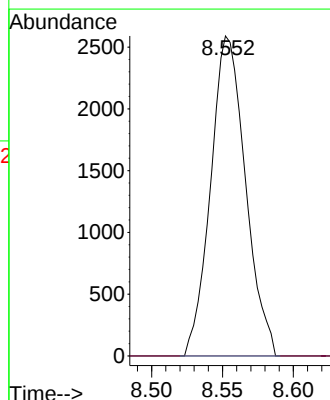
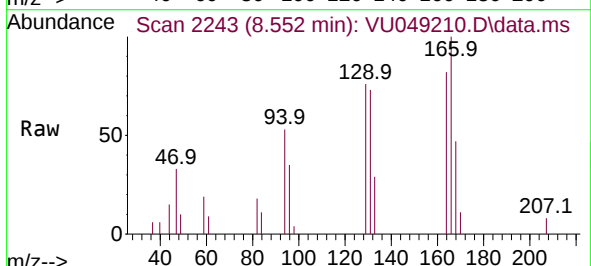
Acq: 16 Jun 2022 16:17

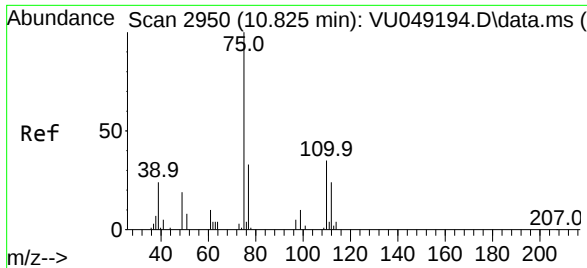
Tgt Ion:129 Resp: 4427

Ion Ratio Lower Upper

129 100

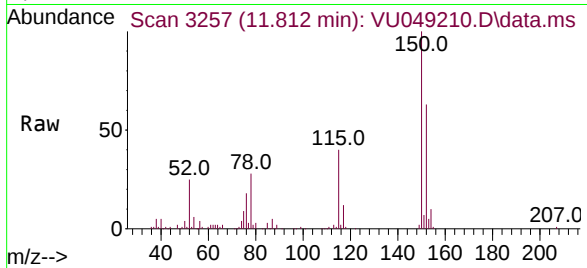
127 0.0 54.9 101.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.201 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049210.D
 Acq: 16 Jun 2022 16:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7586
 Ion Ratio Lower Upper
 75 100
 110 2.5 29.0 43.4#
 77 31.9 26.2 39.2

