

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049855.D
 Acq On : 22 Jul 2022 17:24
 Operator : SY/MD
 Sample : N3802-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHX9

Quant Time: Jul 23 02:35:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 01:04:38 2022
 Response via : Initial Calibration

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

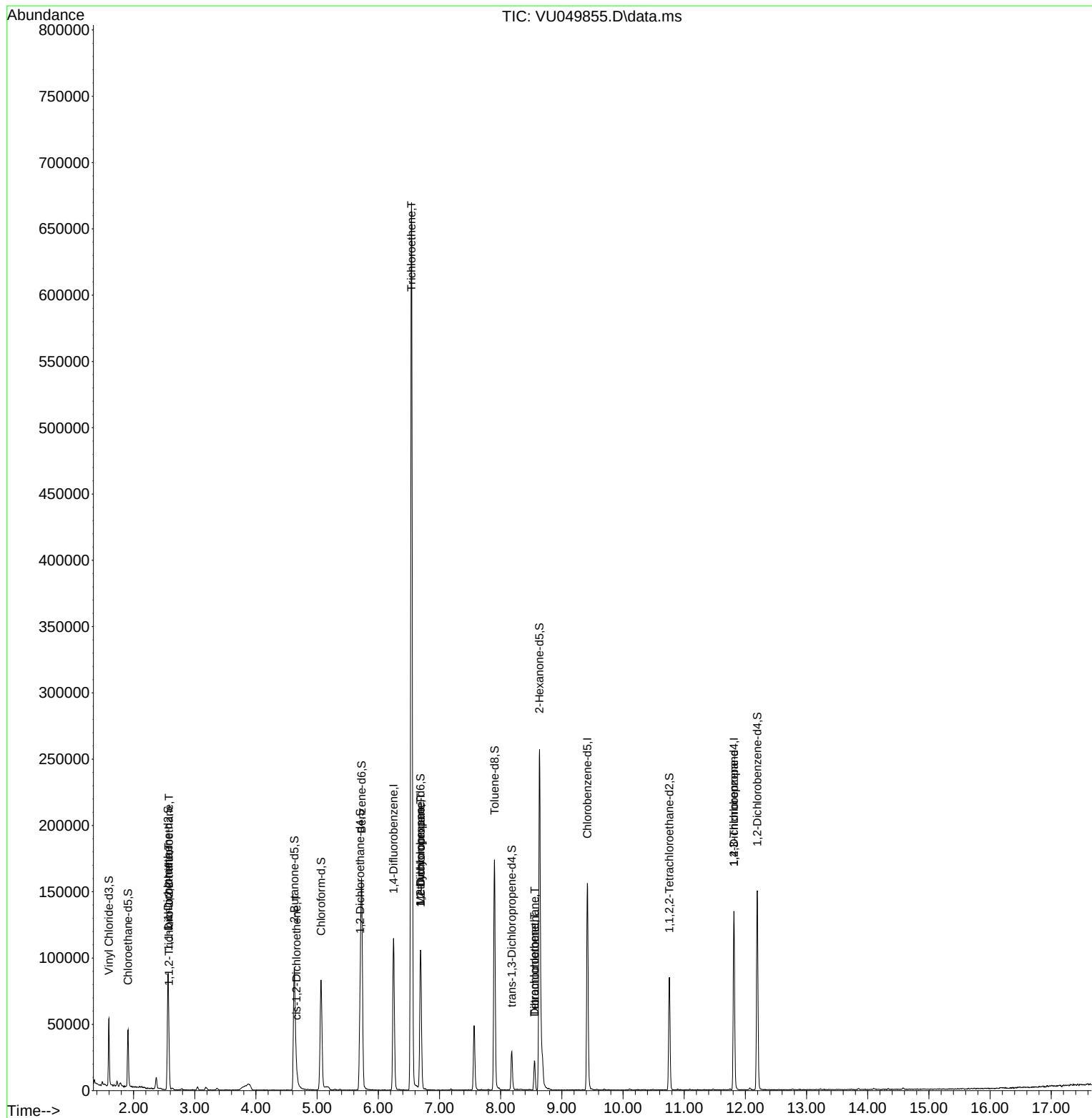
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	82896	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34301	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	34812	4.934	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.909	69	30220	5.118	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.562	65	15246	4.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	4.626	46	135388	53.333	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.660%
24) Chloroform-d	5.063	84	75331	4.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.703	65	44909	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.726	84	141148	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.690	67	49463	5.068	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.899	98	114147	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.182	79	16727	4.721	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.632	63	77933	55.510	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43550	5.314	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	38355	5.417	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	5125	0.901	ug/L	96
12) 1,1-Dichloroethene	2.572	96	1718	0.298	ug/L #	1
22) cis-1,2-Dichloroethene	4.665	96	1280	0.166	ug/L	87
34) Trichloroethene	6.542	95	226975	31.121	ug/L	98
35) Methylcyclohexane	6.690	83	10770	1.197	ug/L #	15
37) 1,2-Dichloropropane	6.694	63	5684	0.663	ug/L #	89
47) Tetrachloroethene	8.552	164	4433	0.883	ug/L	94
49) Dibromochloromethane	8.555	129	4318	0.631	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	4789	1.048	ug/L #	67

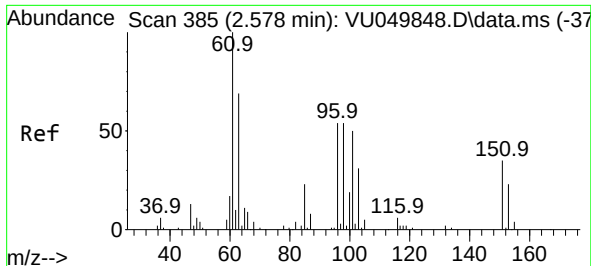
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.901 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU049855.D

Acq: 22 Jul 2022 17:24

Instrument :

MSVOA_U

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GBHX9

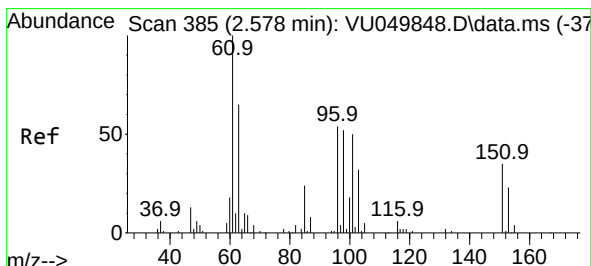
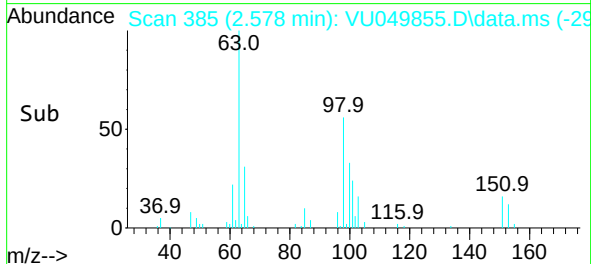
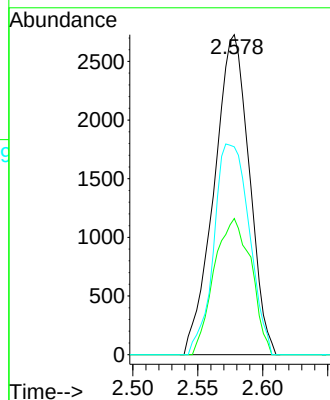
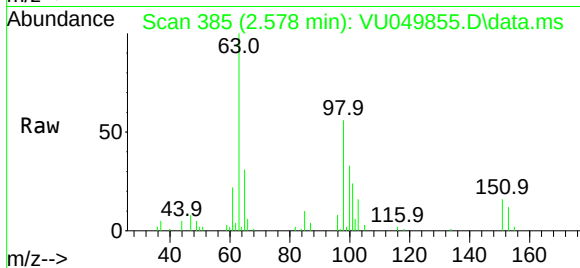
Tgt Ion:101 Resp: 5125

Ion Ratio Lower Upper

101 100

85 44.9 37.2 55.8

151 66.3 56.0 84.0



#12

1,1-Dichloroethene

Concen: 0.298 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.006 min

Lab File: VU049855.D

Acq: 22 Jul 2022 17:24

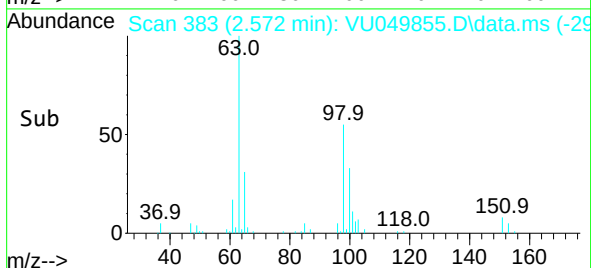
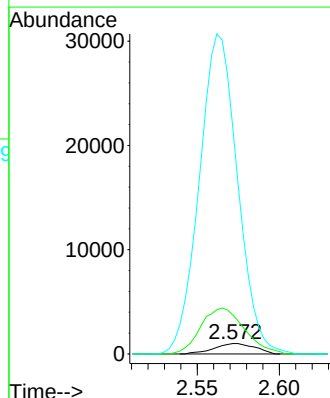
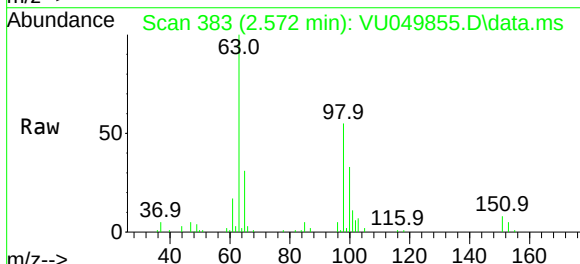
Tgt Ion: 96 Resp: 1718

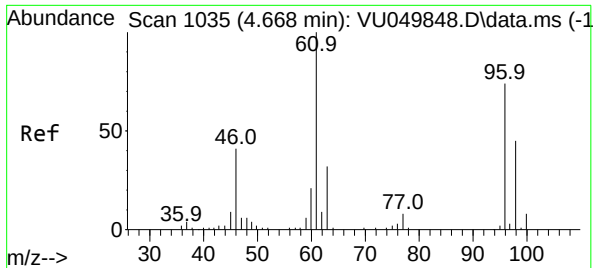
Ion Ratio Lower Upper

96 100

61 378.5 131.6 244.4#

63 2196.4 100.0 185.6#

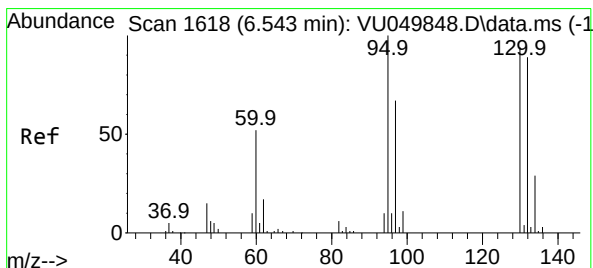
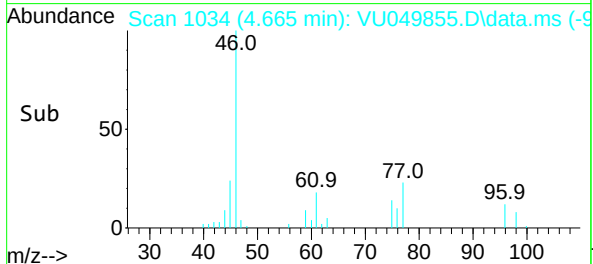
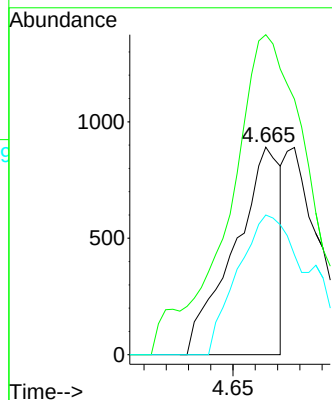
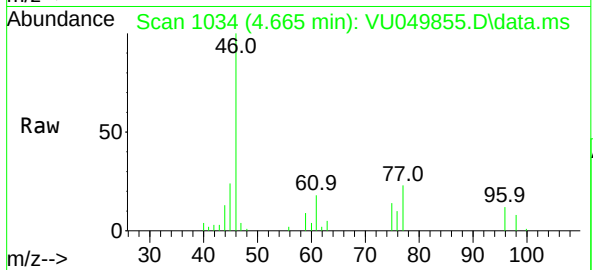




#22
cis-1,2-Dichloroethene
Concen: 0.166 ug/L
RT: 4.665 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU049855.D
Acq: 22 Jul 2022 17:24

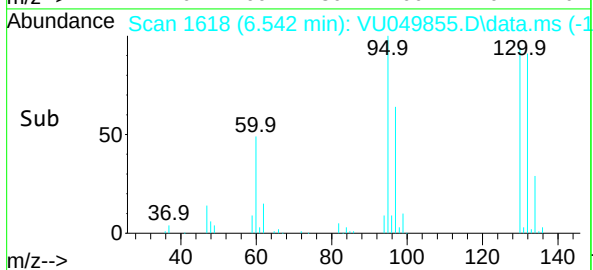
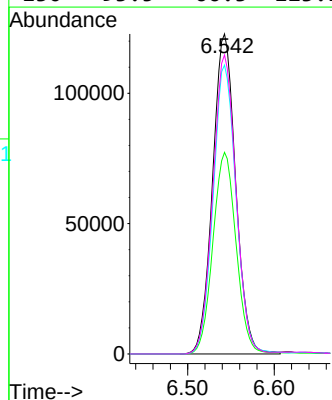
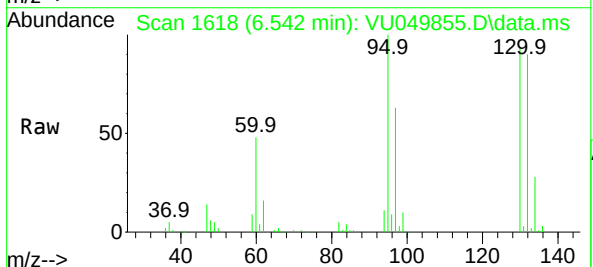
Instrument :
MSVOA_U
ClientSampleId :
GBHX9

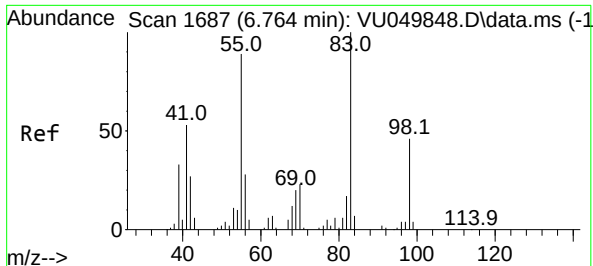
Tgt Ion: 96 Resp: 1280
Ion Ratio Lower Upper
96 100
61 154.2 93.9 174.3
98 67.3 43.9 81.5



#34
Trichloroethene
Concen: 31.121 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049855.D
Acq: 22 Jul 2022 17:24

Tgt Ion: 95 Resp: 226975
Ion Ratio Lower Upper
95 100
97 63.0 46.8 86.8
132 90.2 61.8 114.8
130 93.5 66.3 123.1

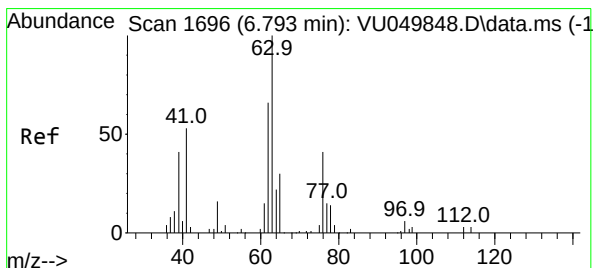
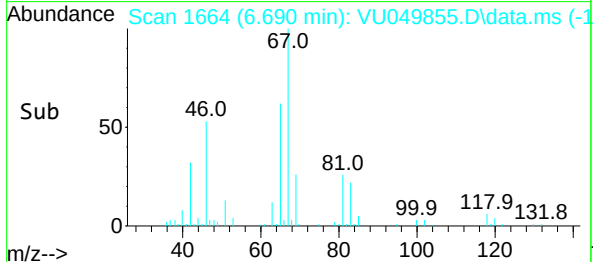
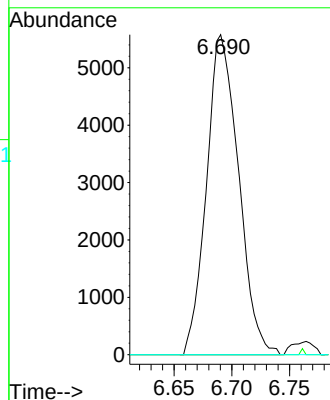
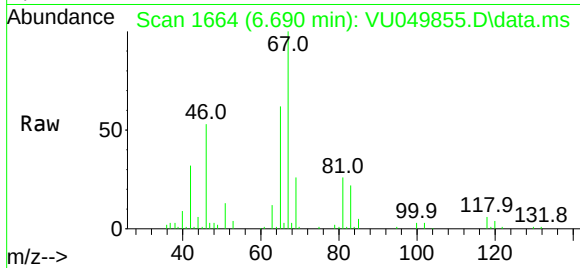




#35
Methylcyclohexane
Concen: 1.197 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049855.D
Acq: 22 Jul 2022 17:24

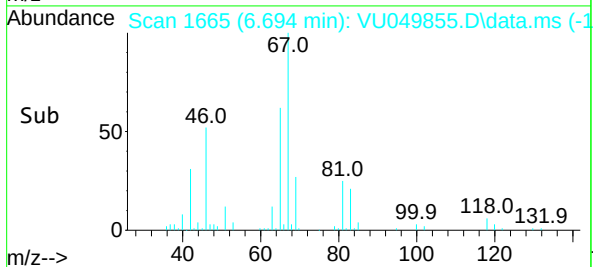
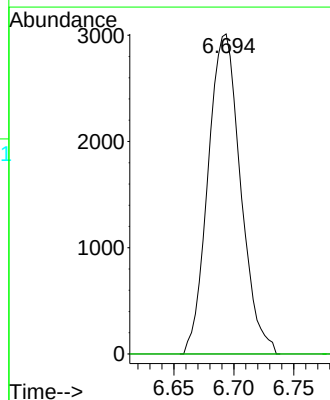
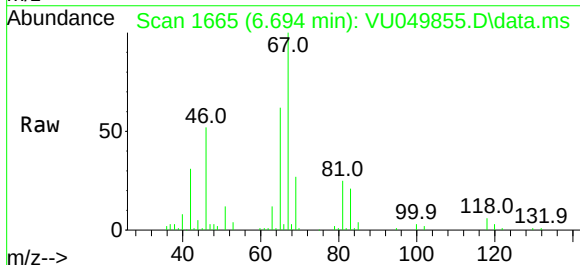
Instrument :
MSVOA_U
ClientSampleId :
GBHX9

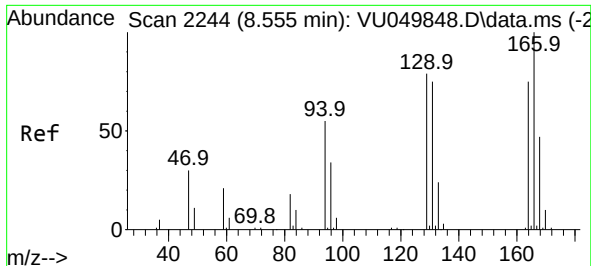
Tgt Ion: 83 Resp: 10770
Ion Ratio Lower Upper
83 100
55 0.2 69.0 103.4#
98 0.0 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.663 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU049855.D
Acq: 22 Jul 2022 17:24

Tgt Ion: 63 Resp: 5684
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#47

Tetrachloroethene

Concen: 0.883 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049855.D

Acq: 22 Jul 2022 17:24

Instrument :

MSVOA_U

ClientSampleId :

GBHX9

Tgt Ion:164 Resp: 4433

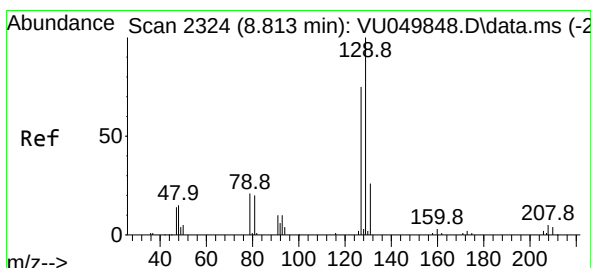
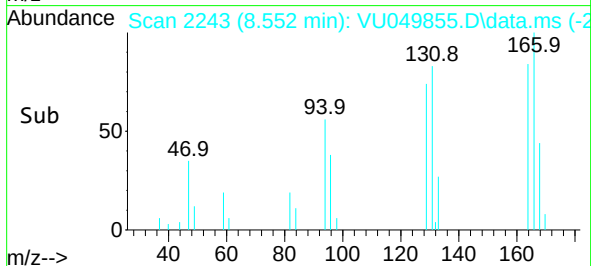
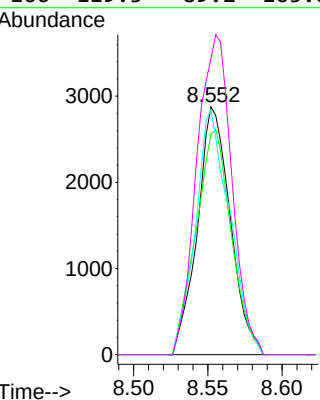
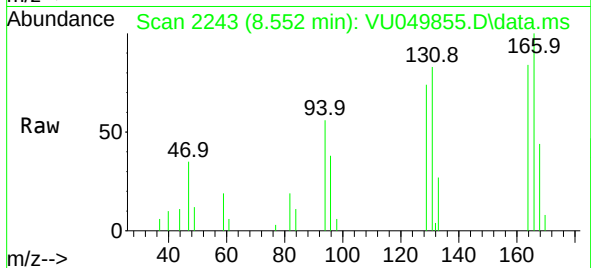
Ion Ratio Lower Upper

164 100

129 88.9 68.9 127.9

131 98.9 67.5 125.4

166 119.5 89.2 165.8



#49

Dibromochloromethane

Concen: 0.631 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU049855.D

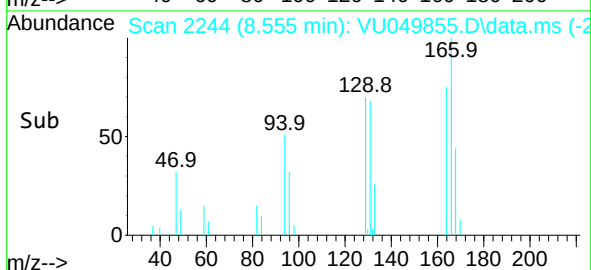
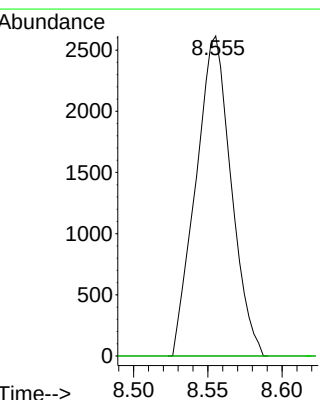
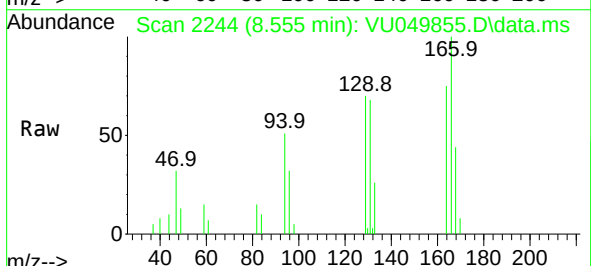
Acq: 22 Jul 2022 17:24

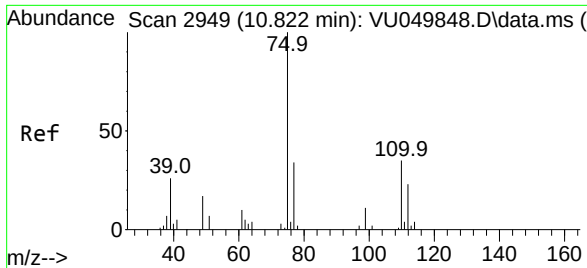
Tgt Ion:129 Resp: 4318

Ion Ratio Lower Upper

129 100

127 0.0 50.5 93.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.048 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049855.D
 Acq: 22 Jul 2022 17:24

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 4789
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.0 42.0#
 77 33.2 25.4 38.2

