

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049139.D
 Acq On : 15 Jun 2022 01:40
 Operator : SY/MD
 Sample : N3274-05 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 07:22:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:38:08 2022
 Response via : Initial Calibration

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

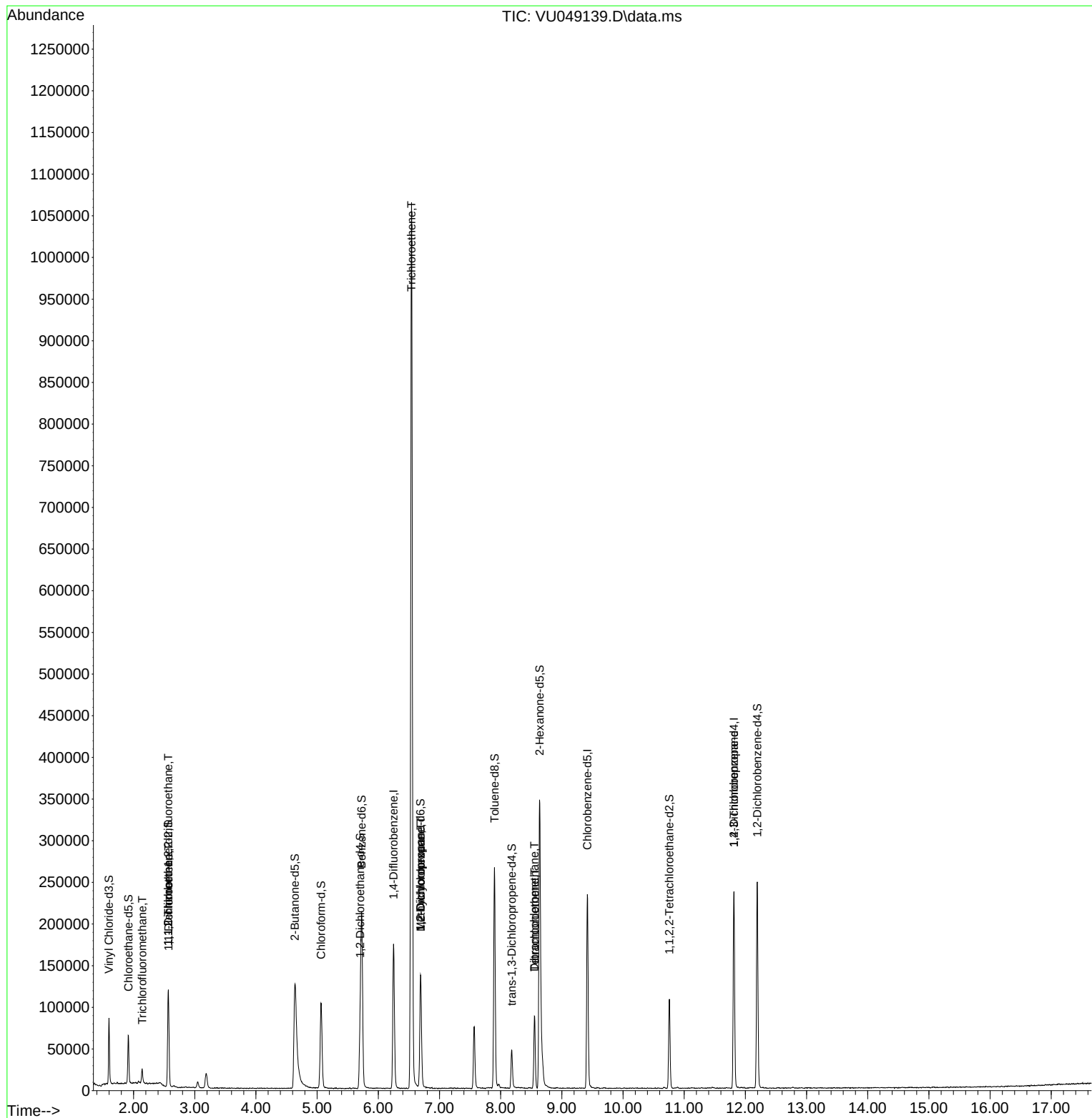
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	137415	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	124914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	60681	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55918	4.657	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.200%	
7) Chloroethane-d5	1.915	69	41043	5.049	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.568	65	22834	4.728	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.600%	
20) 2-Butanone-d5	4.636	46	191037	59.588	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.180%	
24) Chloroform-d	5.066	84	93142	4.944	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.703	65	54491	5.273	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.729	84	189825	5.044	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
36) 1,2-Dichloropropane-d6	6.690	67	65877	5.158	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.200%	
41) Toluene-d8	7.899	98	171975	5.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
43) trans-1,3-Dichloroprop...	8.182	79	26711	4.708	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.200%	
46) 2-Hexanone-d5	8.635	63	123997	54.173	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.340%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54195	5.300	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	63006	5.411	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.141	101	10207	0.761	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	612	0.077	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	1121	0.145	ug/L #	1
34) Trichloroethene	6.542	95	375653	39.537	ug/L	99
35) Methylcyclohexane	6.693	83	14682	0.921	ug/L #	16
37) 1,2-Dichloropropane	6.693	63	7015	0.687	ug/L #	89
47) Tetrachloroethene	8.555	164	18160	2.772	ug/L	99
49) Dibromochloromethane	8.552	129	18747	2.308	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8686	1.276	ug/L #	68

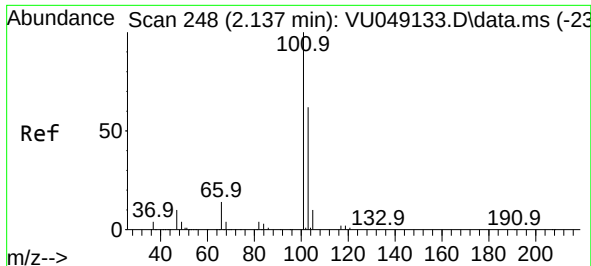
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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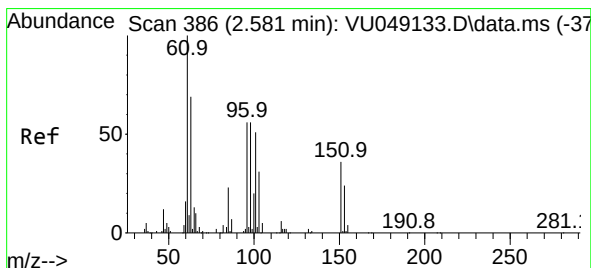
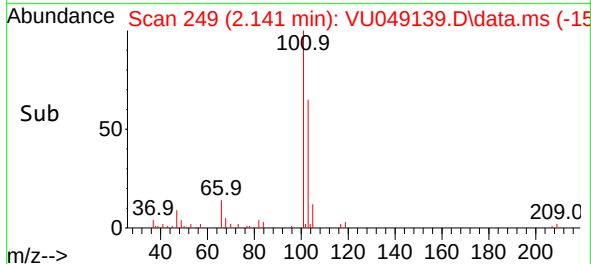
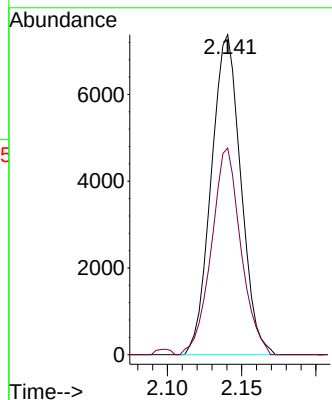
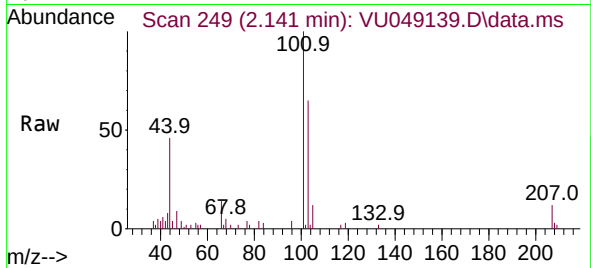




#9
 Trichlorofluoromethane
 Concen: 0.761 ug/L
 RT: 2.141 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VU049139.D
 Acq: 15 Jun 2022 01:40

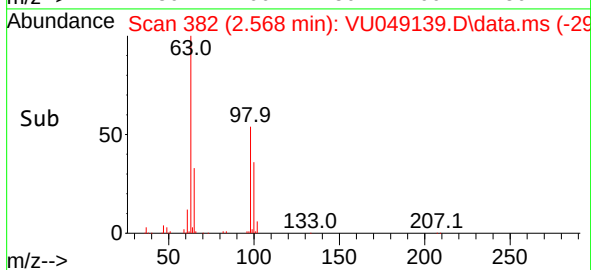
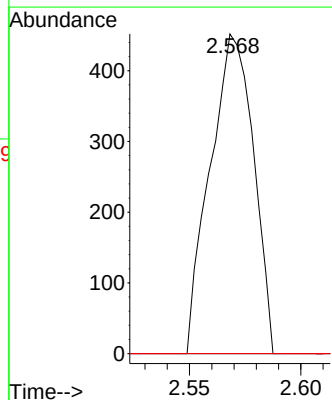
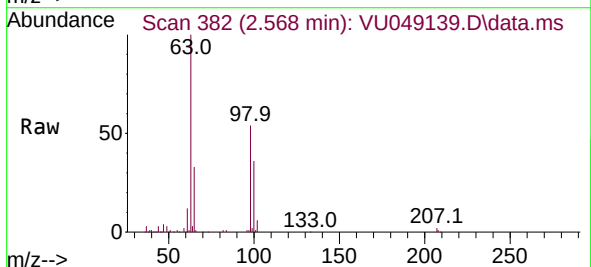
Instrument :
 MSVOA_U
 ClientSampleId :

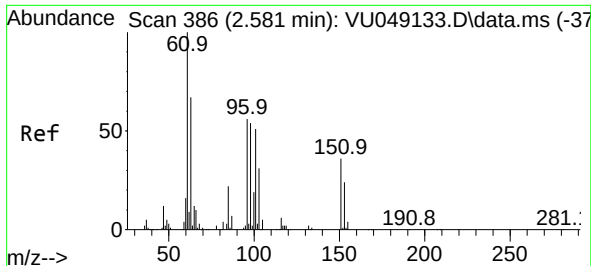
Tgt Ion:101 Resp: 10207
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.077 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU049139.D
 Acq: 15 Jun 2022 01:40

Tgt Ion:101 Resp: 612
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#

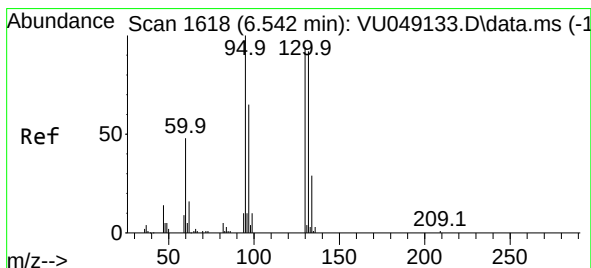
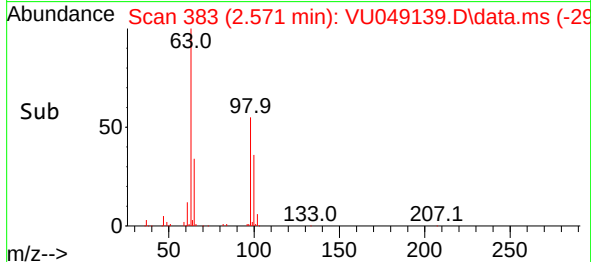
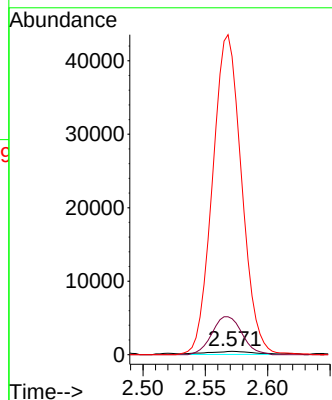
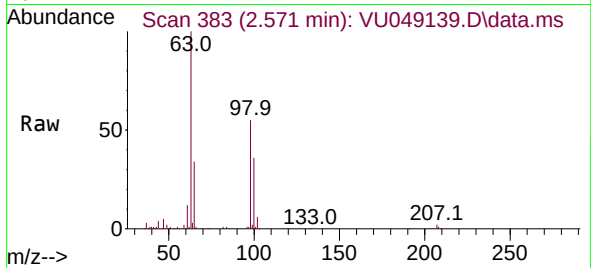




#12
1,1-Dichloroethene
Concen: 0.145 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU049139.D
Acq: 15 Jun 2022 01:40

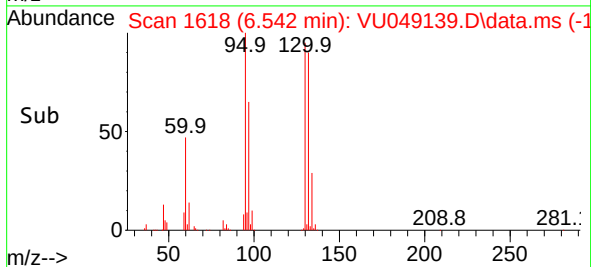
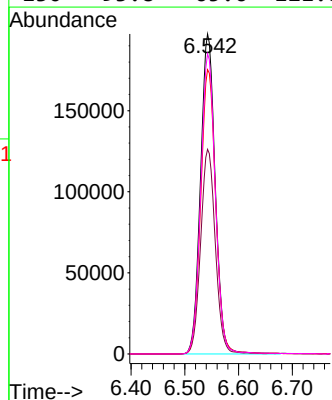
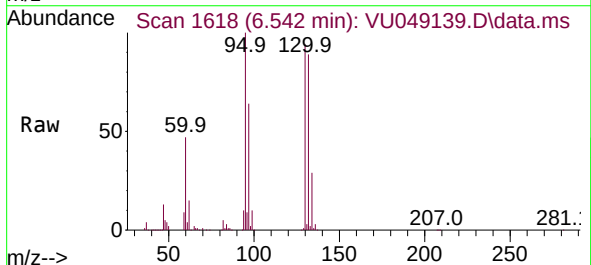
Instrument :
MSVOA_U
ClientSampleId :

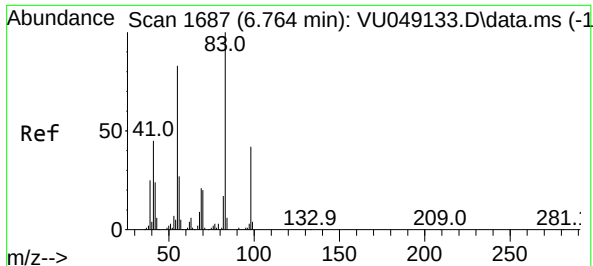
Tgt Ion: 96 Resp: 1121
Ion Ratio Lower Upper
96 100
61 1056.4 127.2 236.2#
63 8765.4 94.7 175.9#



#34
Trichloroethene
Concen: 39.537 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049139.D
Acq: 15 Jun 2022 01:40

Tgt Ion: 95 Resp: 375653
Ion Ratio Lower Upper
95 100
97 64.0 45.3 84.1
132 88.9 61.5 114.3
130 93.8 65.6 121.8





#35

Methylcyclohexane

Concen: 0.921 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU049139.D

Acq: 15 Jun 2022 01:40

Instrument :

MSVOA_U

ClientSampleId :

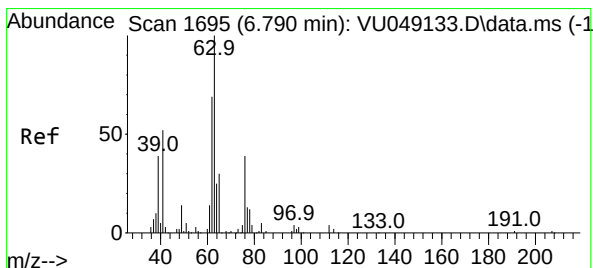
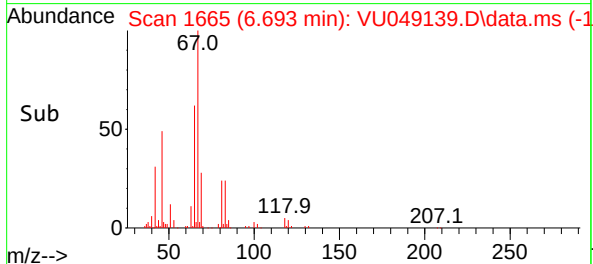
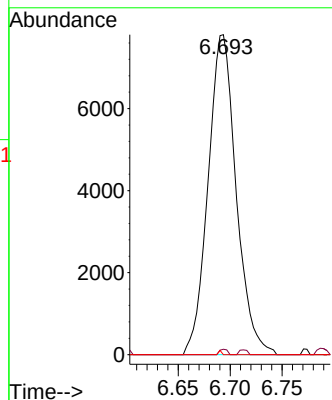
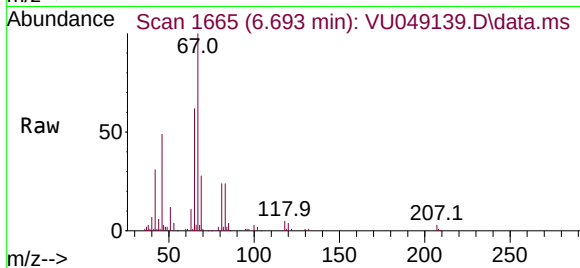
Tgt Ion: 83 Resp: 14682

Ion Ratio Lower Upper

83 100

55 0.5 66.9 100.3#

98 0.0 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.687 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.096 min

Lab File: VU049139.D

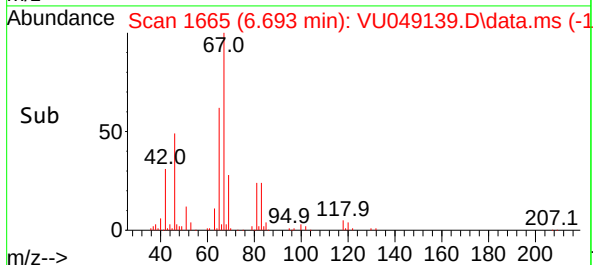
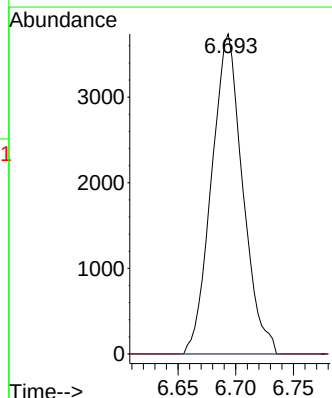
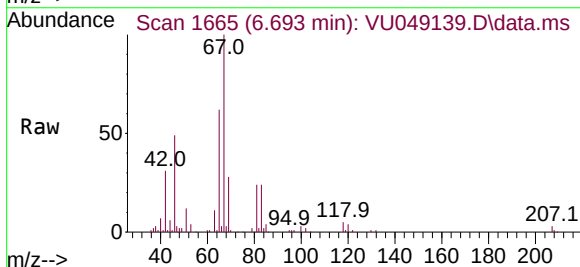
Acq: 15 Jun 2022 01:40

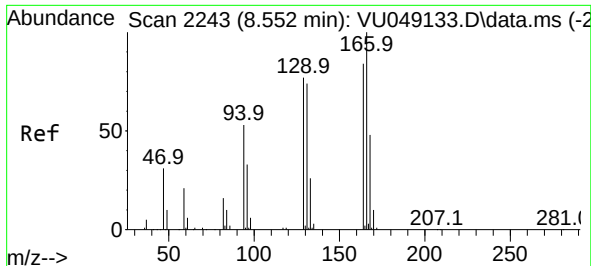
Tgt Ion: 63 Resp: 7015

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#47

Tetrachloroethene

Concen: 2.772 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

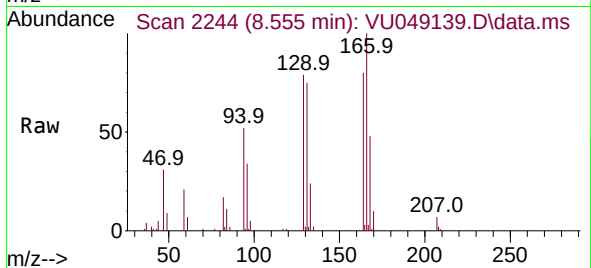
Lab File: VU049139.D

Acq: 15 Jun 2022 01:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 18160

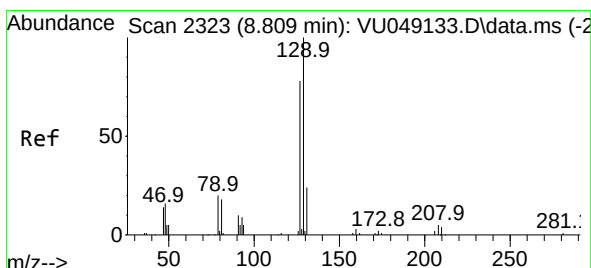
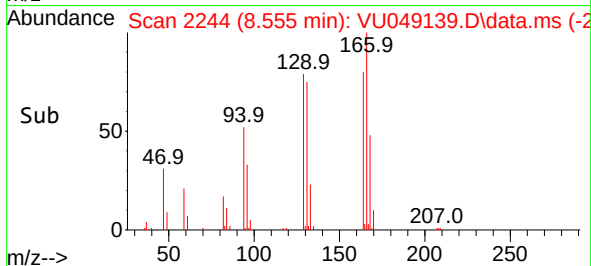
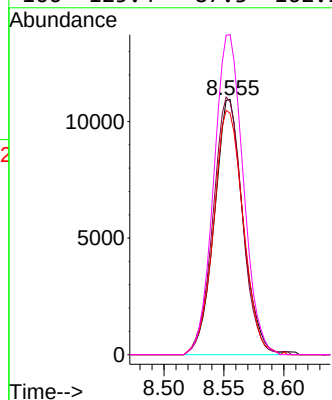
Ion Ratio Lower Upper

164 100

129 99.1 69.8 129.6

131 94.6 67.8 125.8

166 125.4 87.3 162.1



#49

Dibromochloromethane

Concen: 2.308 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU049139.D

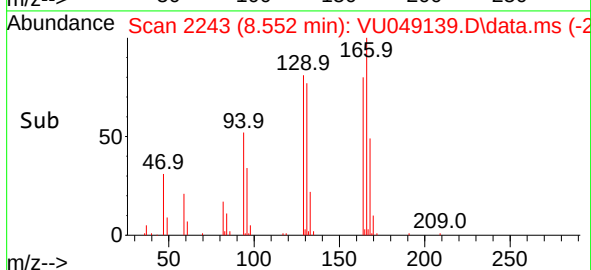
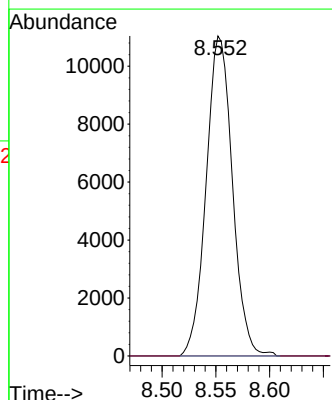
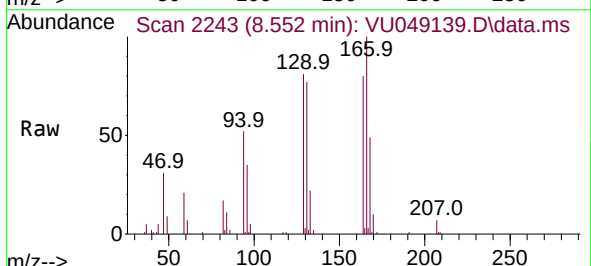
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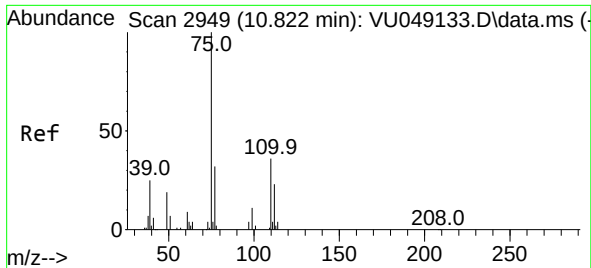
Tgt Ion:129 Resp: 18747

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#





#61

1,2,3-Trichloropropane

Concen: 1.276 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.990 min

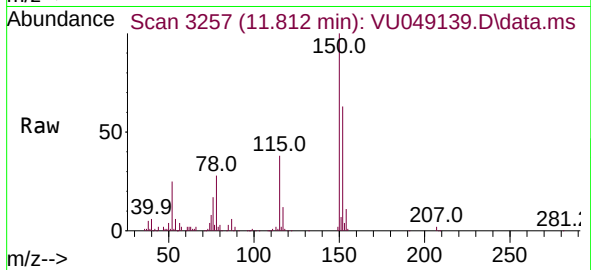
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Tgt Ion: 75 Resp: 8686

Ion Ratio Lower Upper

75 100

110 1.5 29.0 43.4#

77 31.7 26.2 39.2

