

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049119.D
 Acq On : 14 Jun 2022 17:21
 Operator : SY/MD
 Sample : N3278-12 8000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BF3

Quant Time: Jun 15 03:18:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 03:15:08 2022
 Response via : Initial Calibration

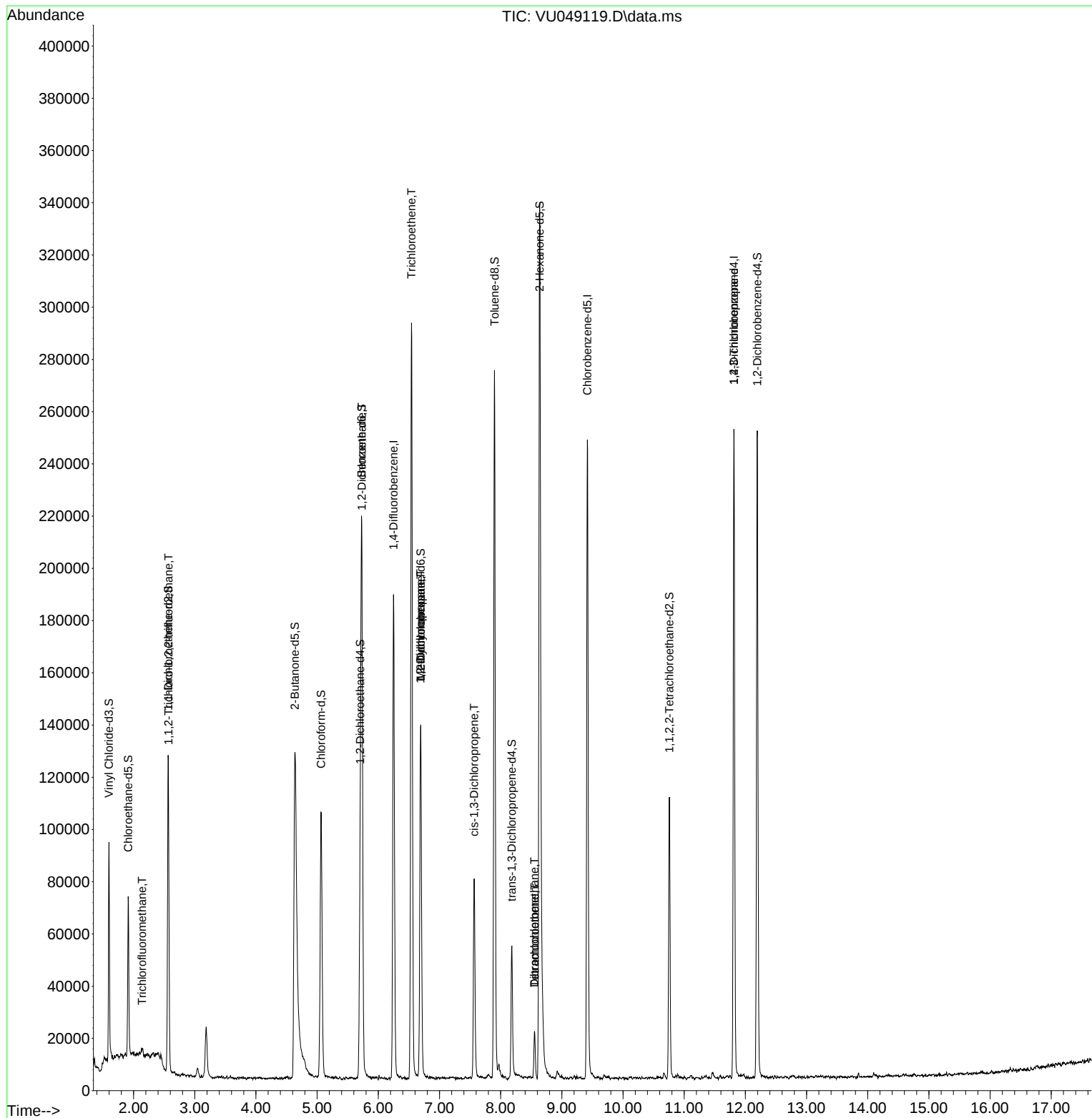
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	147499	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	133919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	64165	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59468	4.614	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.912	69	42158	4.832	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.600%	
11) 1,1-Dichloroethene-d2	2.565	65	23735	4.579	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	4.636	46	174840	50.807	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.620%	
24) Chloroform-d	5.067	84	94806	4.688	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.703	65	54460	4.910	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	5.729	84	193123	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	6.694	67	67377	4.921	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.400%	
41) Toluene-d8	7.899	98	176503	4.859	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
43) trans-1,3-Dichloroprop...	8.182	79	29232	4.805	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.200%	
46) 2-Hexanone-d5	8.636	63	124496	50.734	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.460%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54580	4.978	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	61961	5.032	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.137	101	1470	0.102	ug/L #	70
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	618	0.073	ug/L #	21
27) 1,2-Dichloroethane	5.732	62	1133	0.095	ug/L #	74
34) Trichloroethene	6.542	95	100668	9.883	ug/L	99
35) Methylcyclohexane	6.694	83	14786	0.866	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	7201	0.658	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2221	0.133	ug/L #	73
47) Tetrachloroethene	8.555	164	3776	0.538	ug/L	97
49) Dibromochloromethane	8.552	129	3908	0.449	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	9272	1.288	ug/L #	69

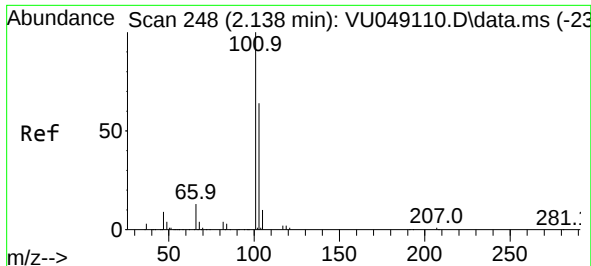
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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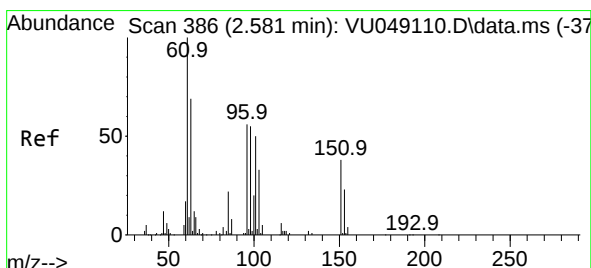
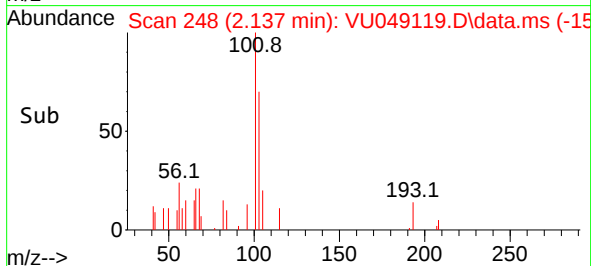
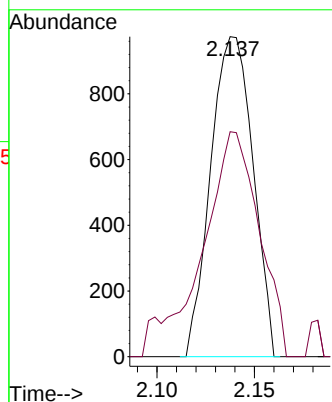
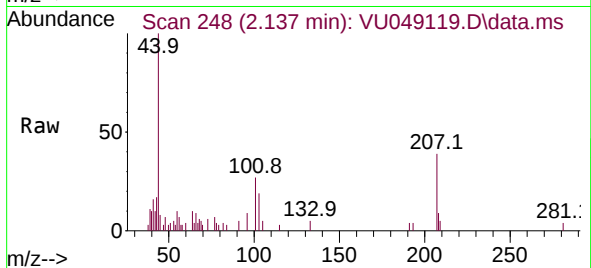




#9
 Trichlorofluoromethane
 Concen: 0.102 ug/L
 RT: 2.137 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: VU049119.D
 Acq: 14 Jun 2022 17:21

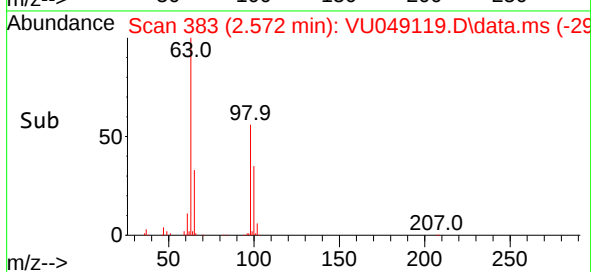
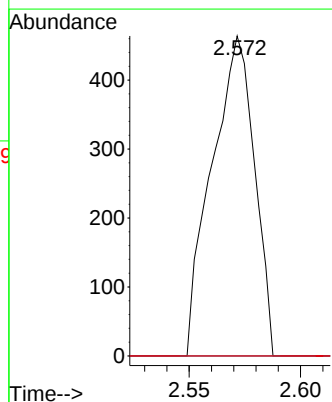
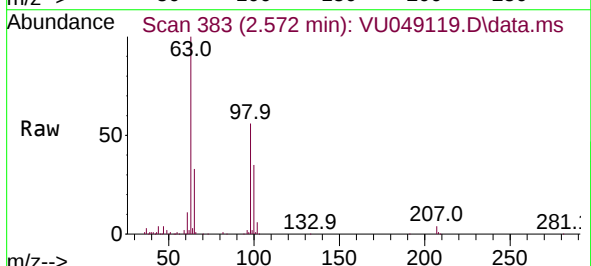
Instrument :
 MSVOA_U
 ClientSampleId :
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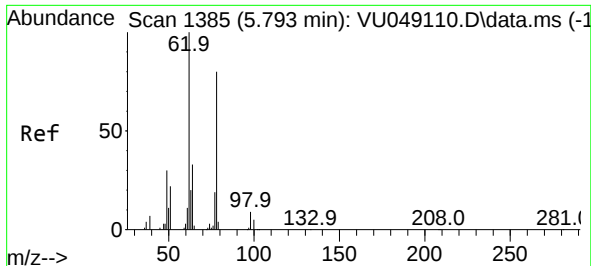
Tgt Ion:101 Resp: 1470
 Ion Ratio Lower Upper
 101 100
 103 90.5 53.5 80.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.073 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU049119.D
 Acq: 14 Jun 2022 17:21

Tgt Ion:101 Resp: 618
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#

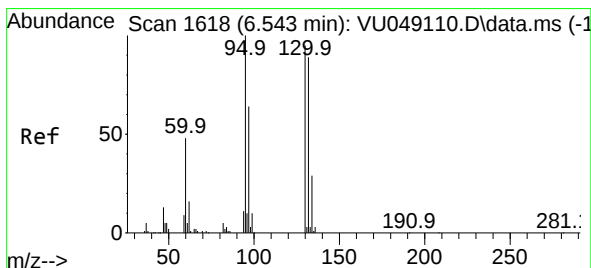
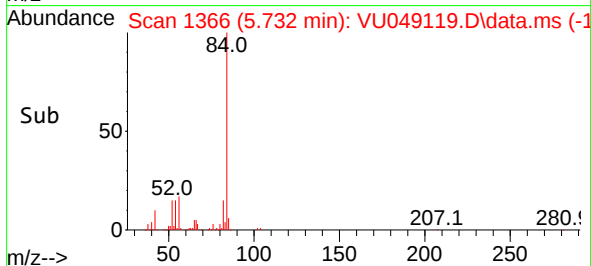
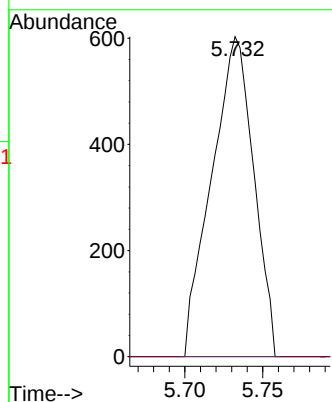
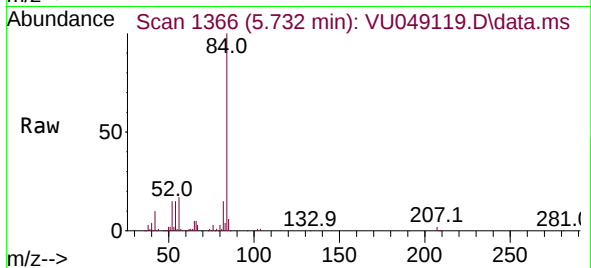




#27
1,2-Dichloroethane
Concen: 0.095 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.061 min
Lab File: VU049119.D
Acq: 14 Jun 2022 17:21

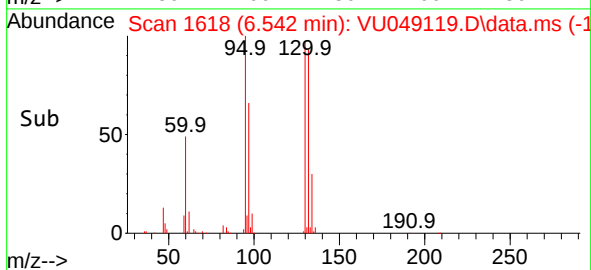
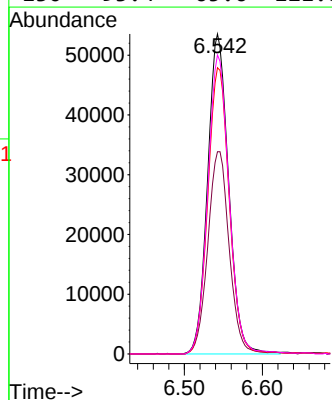
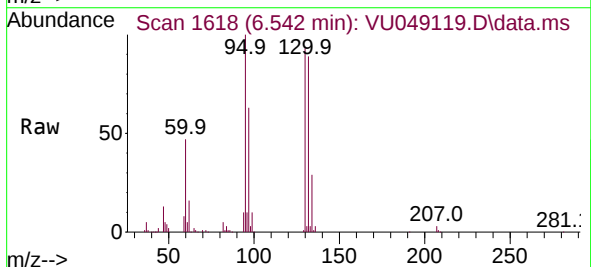
Instrument :
MSVOA_U
ClientSampleId :
C0BF3

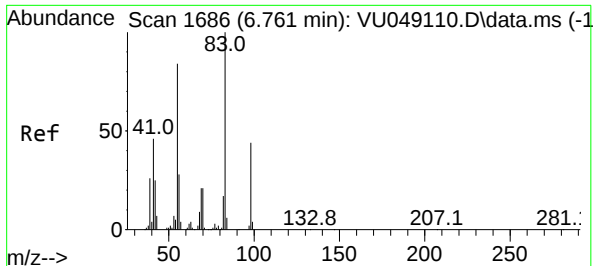
Tgt Ion: 62 Resp: 1133
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#



#34
Trichloroethene
Concen: 9.883 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049119.D
Acq: 14 Jun 2022 17:21

Tgt Ion: 95 Resp: 100668
Ion Ratio Lower Upper
95 100
97 63.2 45.3 84.1
132 89.5 61.5 114.3
130 93.4 65.6 121.8





#35

Methylcyclohexane

Concen: 0.866 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU049119.D

Acq: 14 Jun 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

C0BF3

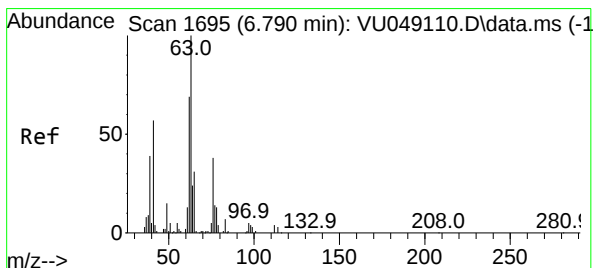
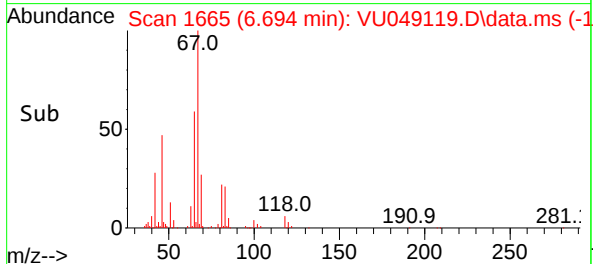
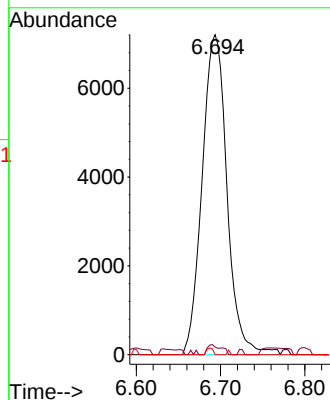
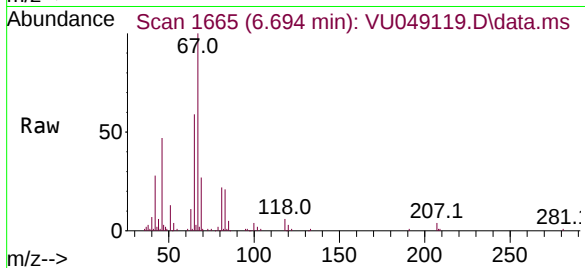
Tgt Ion: 83 Resp: 14786

Ion Ratio Lower Upper

83 100

55 1.8 66.9 100.3#

98 0.0 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.658 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049119.D

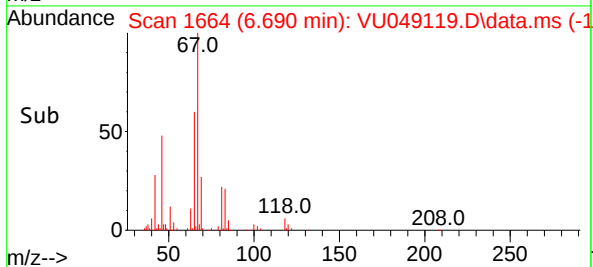
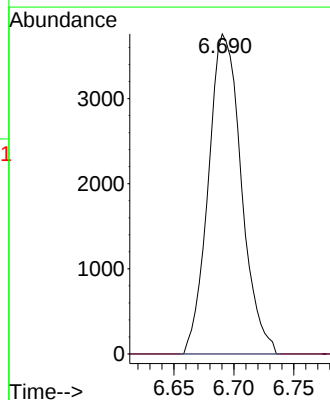
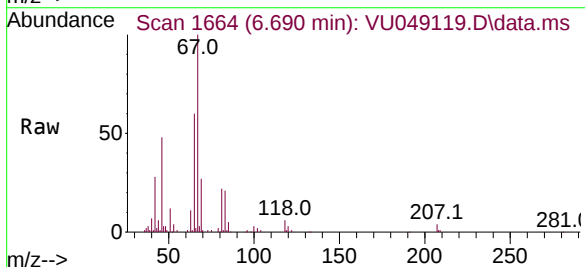
Acq: 14 Jun 2022 17:21

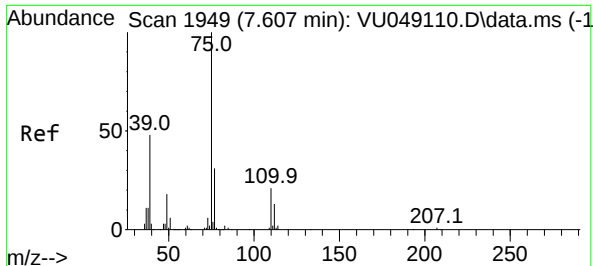
Tgt Ion: 63 Resp: 7201

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#

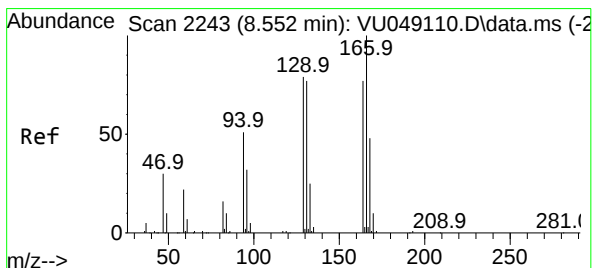
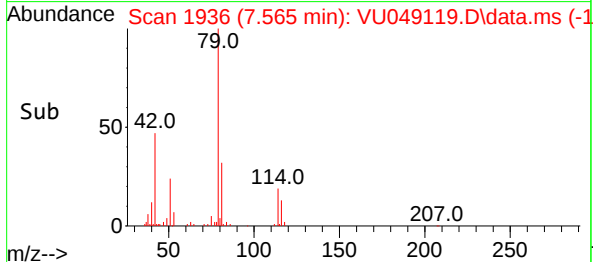
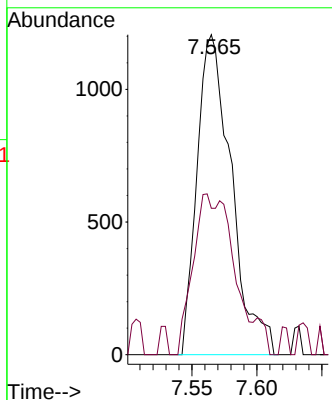
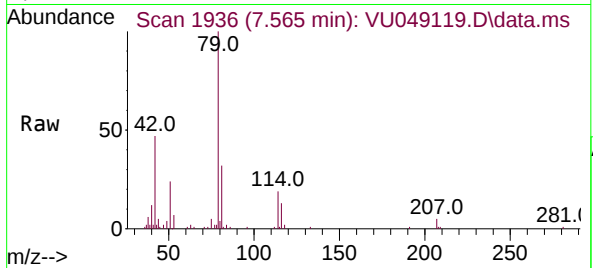




#39
 cis-1,3-Dichloropropene
 Concen: 0.133 ug/L
 RT: 7.565 min Scan# 1949
 Delta R.T. -0.042 min
 Lab File: VU049119.D
 Acq: 14 Jun 2022 17:21

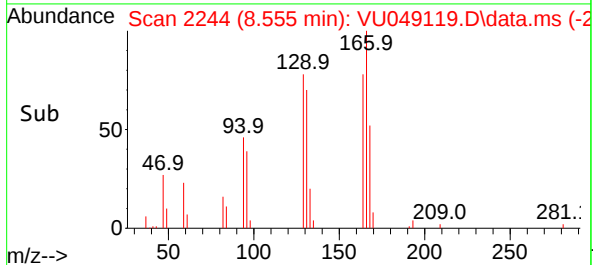
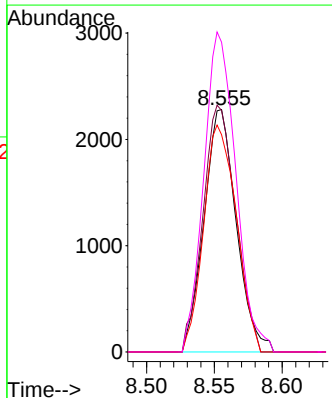
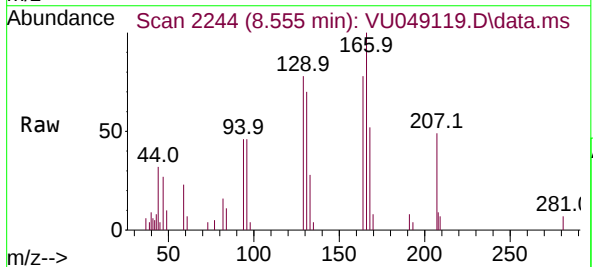
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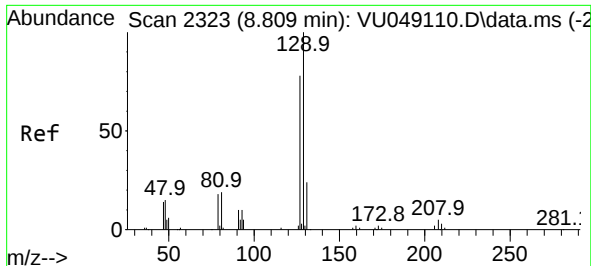
Tgt Ion: 75 Resp: 2221
 Ion Ratio Lower Upper
 75 100
 77 45.8 21.8 40.4#



#47
 Tetrachloroethene
 Concen: 0.538 ug/L
 RT: 8.555 min Scan# 2244
 Delta R.T. 0.003 min
 Lab File: VU049119.D
 Acq: 14 Jun 2022 17:21

Tgt Ion: 164 Resp: 3776
 Ion Ratio Lower Upper
 164 100
 129 99.6 69.8 129.6
 131 89.7 67.8 125.8
 166 127.8 87.3 162.1





#49

Dibromochloromethane

Concen: 0.449 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU049119.D

Acq: 14 Jun 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

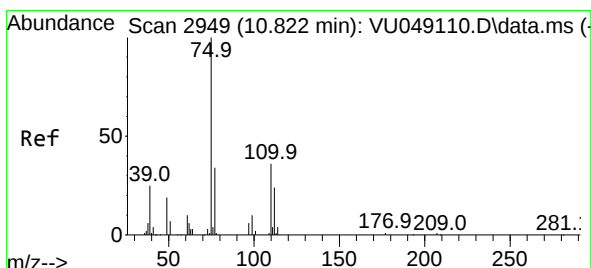
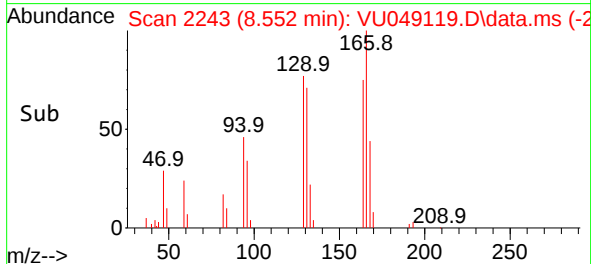
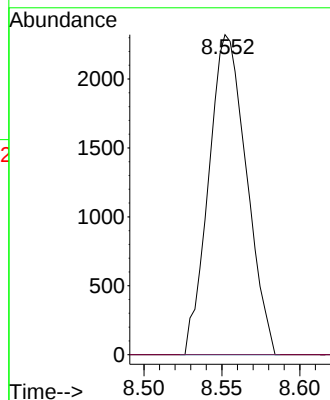
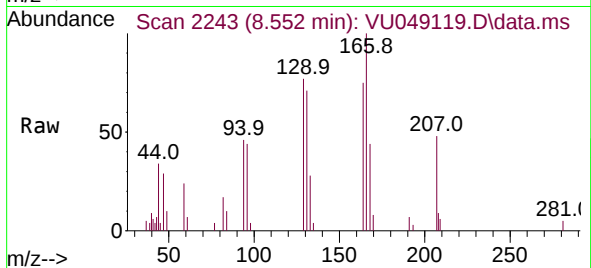
C0BF3

Tgt Ion:129 Resp: 3908

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



#61

1,2,3-Trichloropropane

Concen: 1.288 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049119.D

Acq: 14 Jun 2022 17:21

Tgt Ion: 75 Resp: 9272

Ion Ratio Lower Upper

75 100

110 1.7 29.0 43.4#

77 31.8 26.2 39.2

