

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049125.D
 Acq On : 14 Jun 2022 19:43
 Operator : SY/MD
 Sample : N3278-15 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BF6

Quant Time: Jun 15 03:19:35 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)

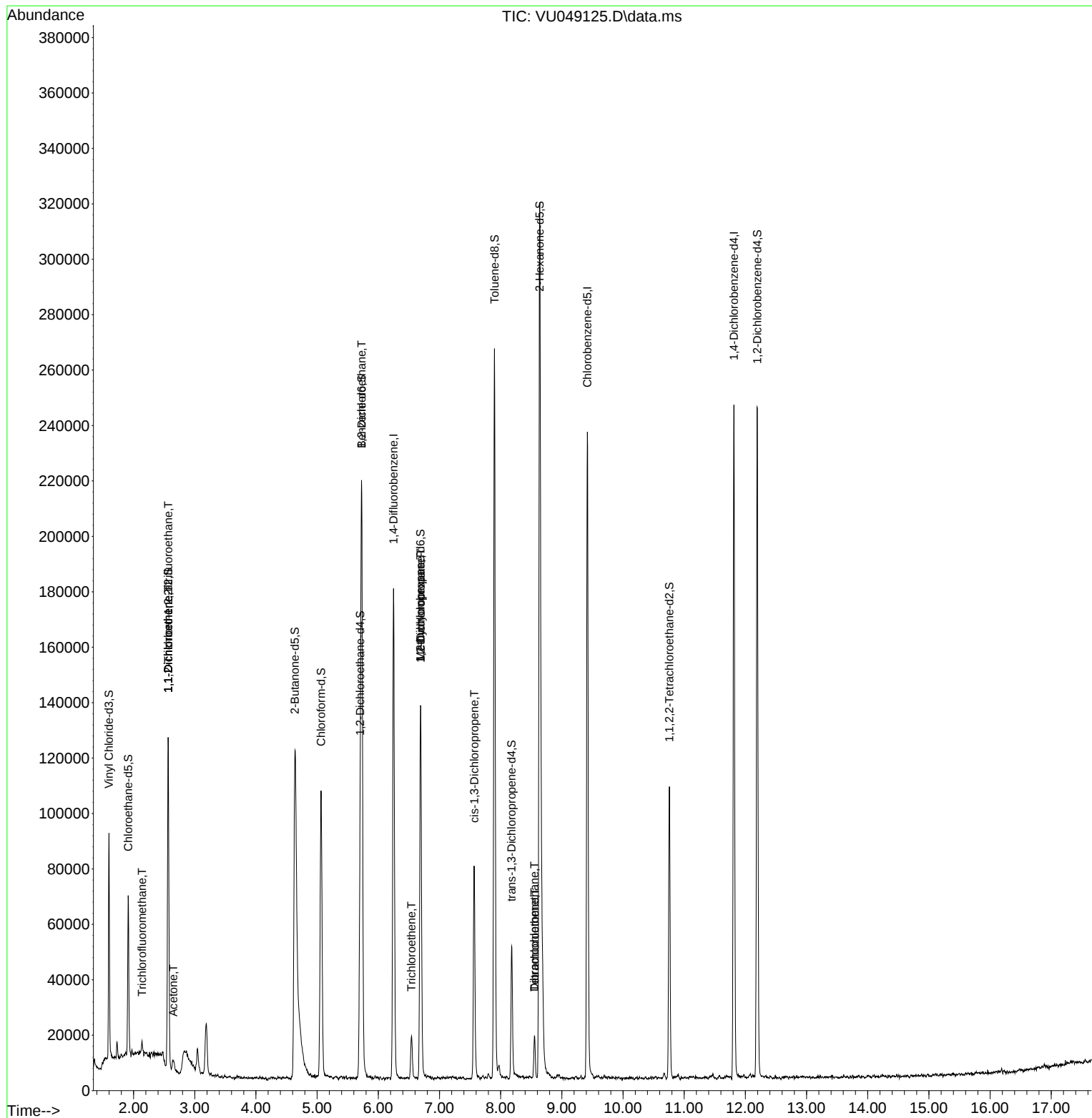
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	138152	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	126300	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61568	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58188	4.820	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.913	69	39814	4.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.565	65	22905	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.636	46	188187	58.386	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.780%
24) Chloroform-d	5.064	84	94811	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.703	65	54919	5.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.729	84	195992	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.690	67	66477	5.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.899	98	171079	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.179	79	26259	4.577	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.636	63	110993	47.960	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55052	5.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	61274	5.186	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.138	101	2291	0.170	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	732	0.092	ug/L #	22
12) 1,1-Dichloroethene	2.565	96	980	0.126	ug/L #	1
13) Acetone	2.649	43	7724	4.842	ug/L	93
27) 1,2-Dichloroethane	5.729	62	1216	0.108	ug/L #	74
34) Trichloroethene	6.543	95	5030	0.524	ug/L	97
35) Methylcyclohexane	6.690	83	14407	0.894	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	7334	0.710	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2275	0.145	ug/L #	74
47) Tetrachloroethene	8.555	164	3195	0.482	ug/L	95
49) Dibromochloromethane	8.552	129	3166	0.385	ug/L #	10

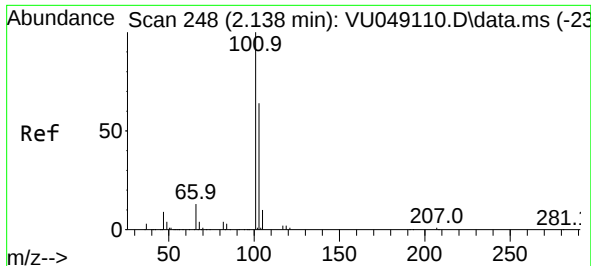
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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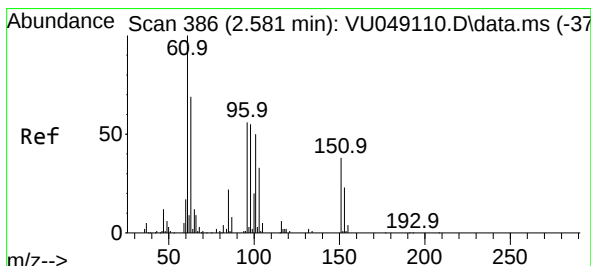
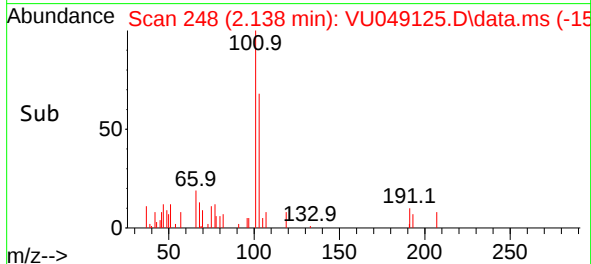
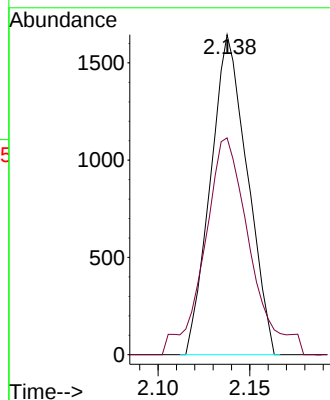
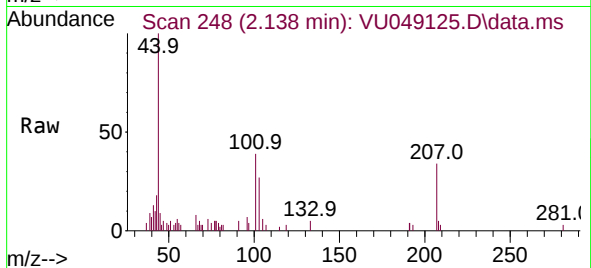




#9
 Trichlorofluoromethane
 Concen: 0.170 ug/L
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU049125.D
 Acq: 14 Jun 2022 19:43

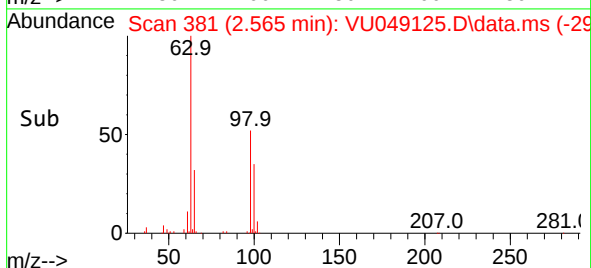
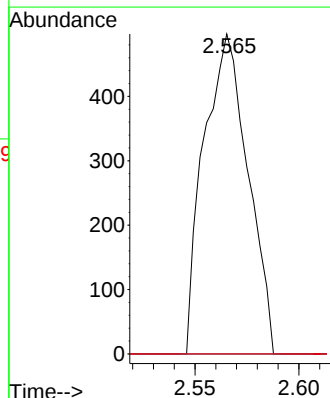
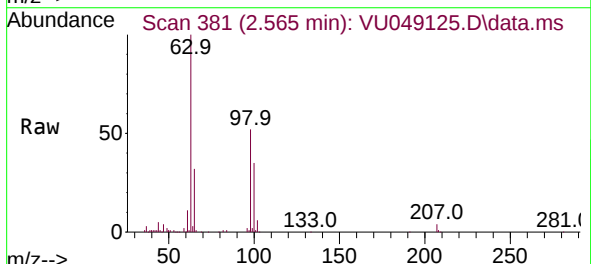
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BF6

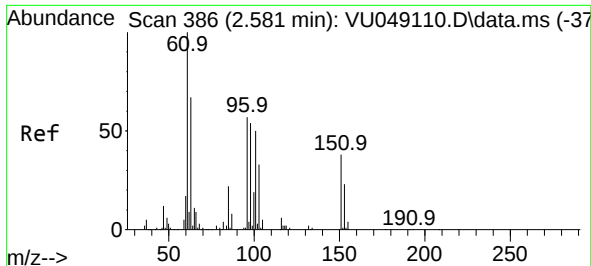
Tgt Ion:101 Resp: 2291
 Ion Ratio Lower Upper
 101 100
 103 83.2 53.5 80.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.092 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU049125.D
 Acq: 14 Jun 2022 19:43

Tgt Ion:101 Resp: 732
 Ion Ratio Lower Upper
 101 100
 85 2.9 36.1 54.1#
 151 0.0 56.8 85.2#





#12

1,1-Dichloroethene

Concen: 0.126 ug/L

RT: 2.565 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU049125.D

Acq: 14 Jun 2022 19:43

Instrument :

MSVOA_U

ClientSampleId :

C0BF6

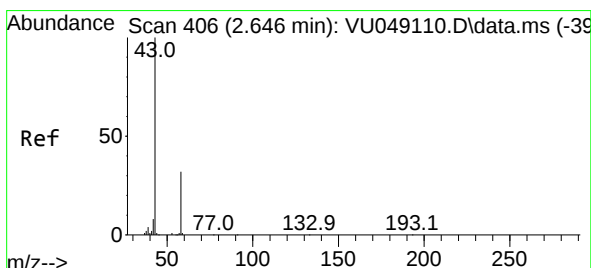
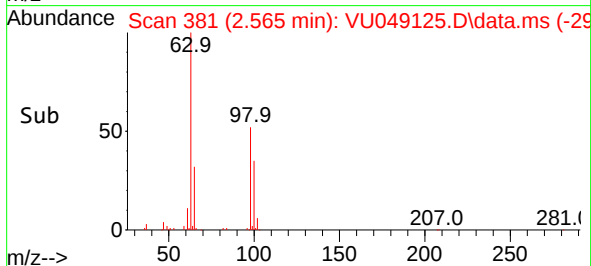
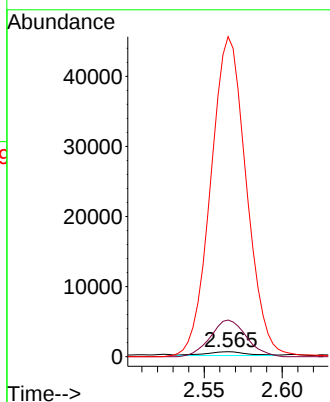
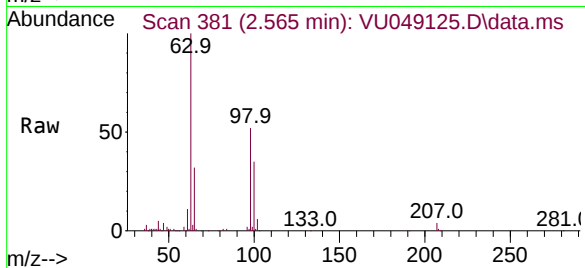
Tgt Ion: 96 Resp: 980

Ion Ratio Lower Upper

96 100

61 742.9 127.2 236.2#

63 6486.4 94.7 175.9#



#13

Acetone

Concen: 4.842 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.003 min

Lab File: VU049125.D

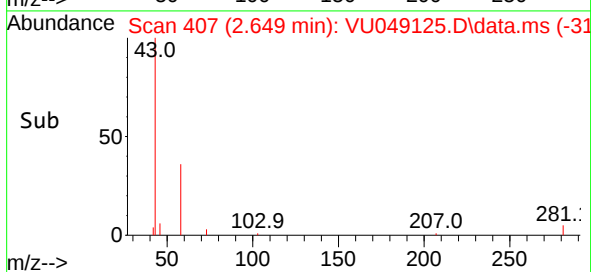
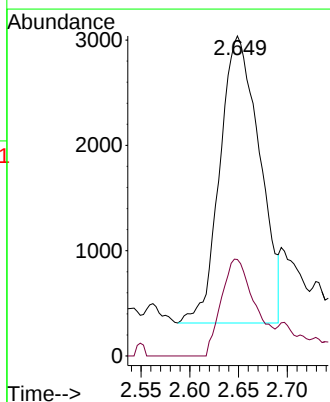
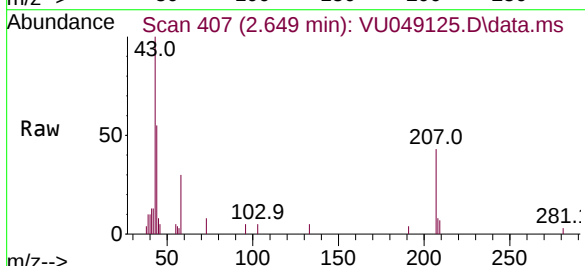
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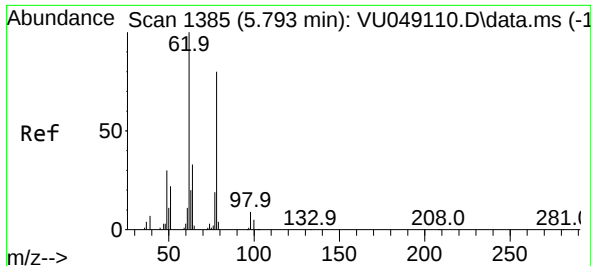
Tgt Ion: 43 Resp: 7724

Ion Ratio Lower Upper

43 100

58 29.2 0.0 65.8

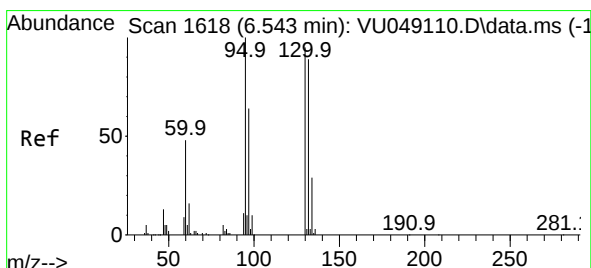
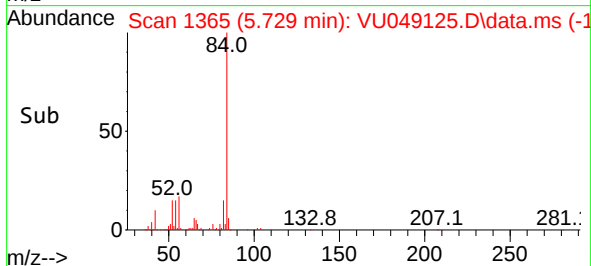
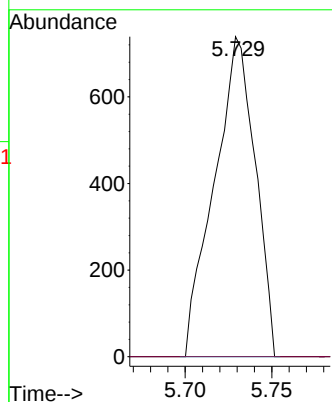
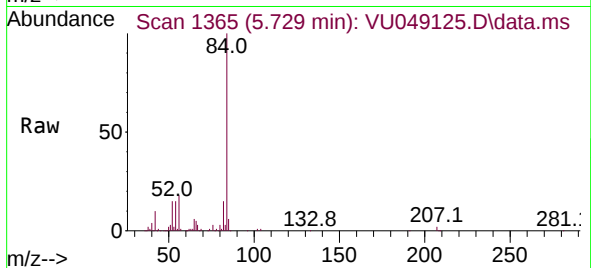




#27
1,2-Dichloroethane
Concen: 0.108 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.064 min
Lab File: VU049125.D
Acq: 14 Jun 2022 19:43

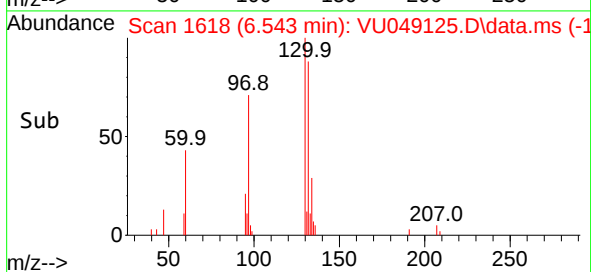
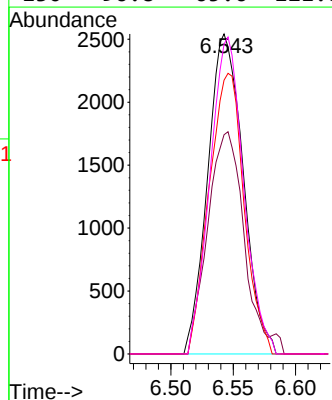
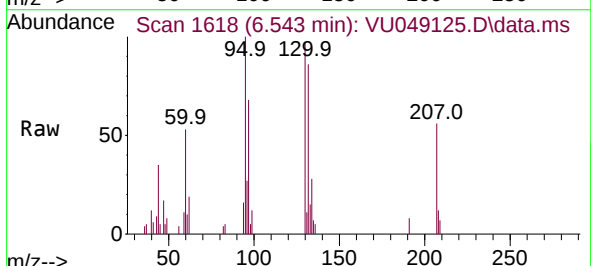
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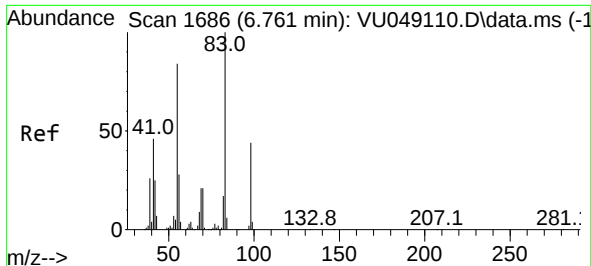
Tgt Ion: 62 Resp: 1216
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#



#34
Trichloroethene
Concen: 0.524 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049125.D
Acq: 14 Jun 2022 19:43

Tgt Ion: 95 Resp: 5030
Ion Ratio Lower Upper
95 100
97 68.5 45.3 84.1
132 85.6 61.5 114.3
130 96.8 65.6 121.8





#35

Methylcyclohexane

Concen: 0.894 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049125.D

Acq: 14 Jun 2022 19:43

Instrument :

MSVOA_U

ClientSampleId :

C0BF6

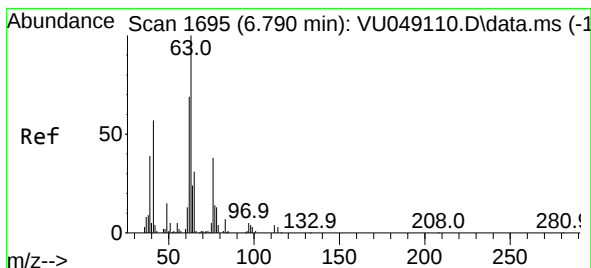
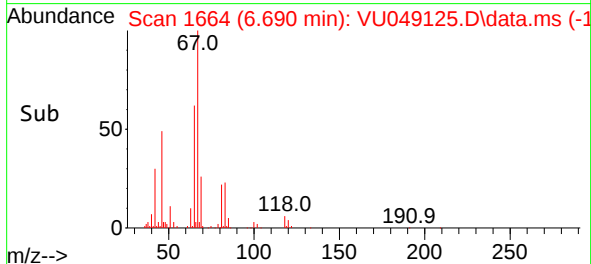
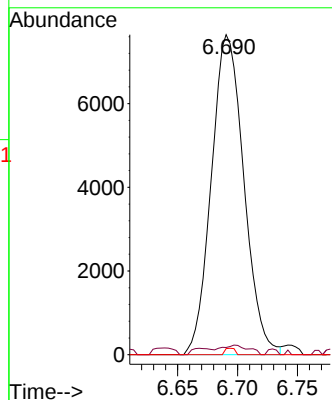
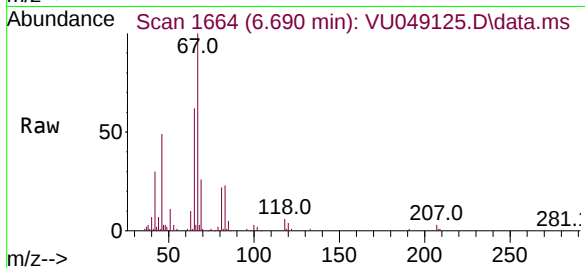
Tgt Ion: 83 Resp: 14407

Ion Ratio Lower Upper

83 100

55 2.5 66.9 100.3#

98 0.6 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.710 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.096 min

Lab File: VU049125.D

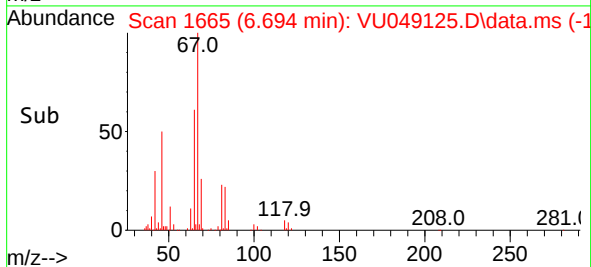
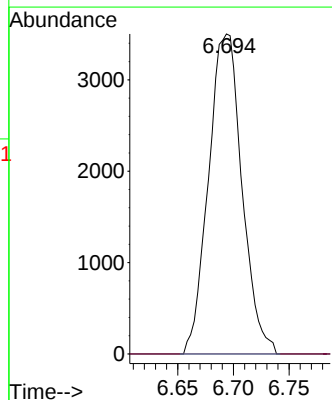
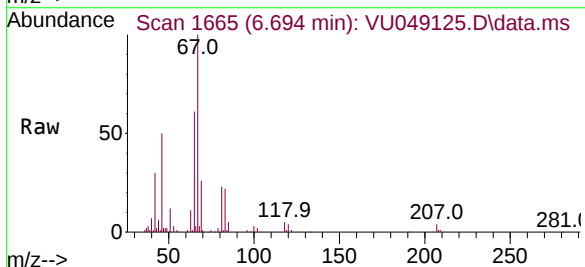
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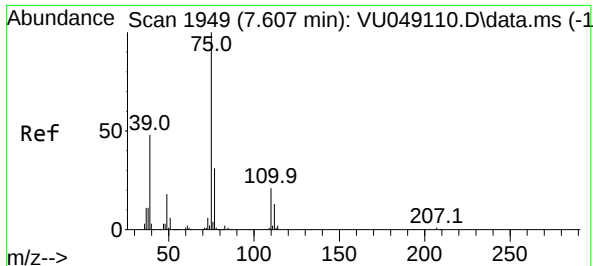
Tgt Ion: 63 Resp: 7334

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#

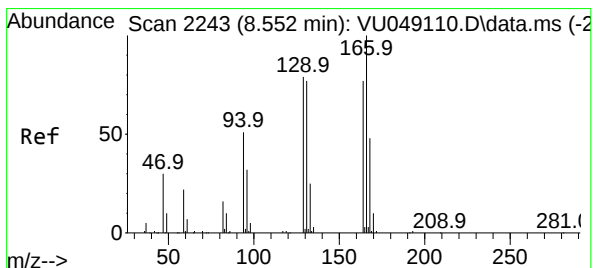
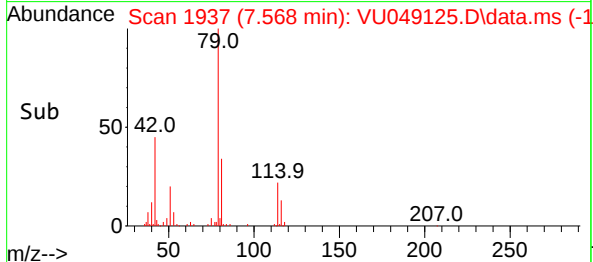
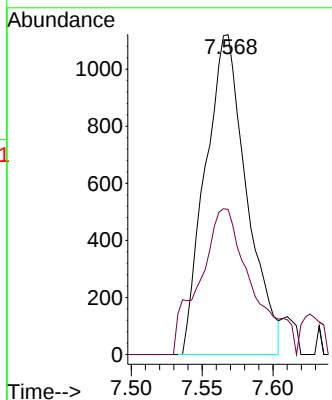
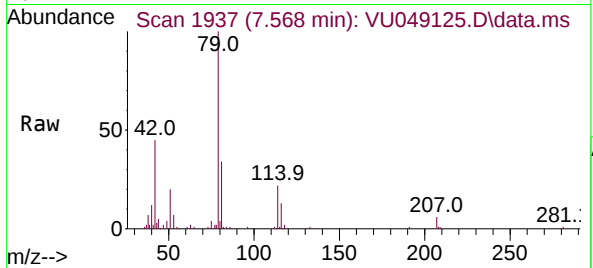




#39
 cis-1,3-Dichloropropene
 Concen: 0.145 ug/L
 RT: 7.568 min Scan# 1949
 Delta R.T. -0.038 min
 Lab File: VU049125.D
 Acq: 14 Jun 2022 19:43

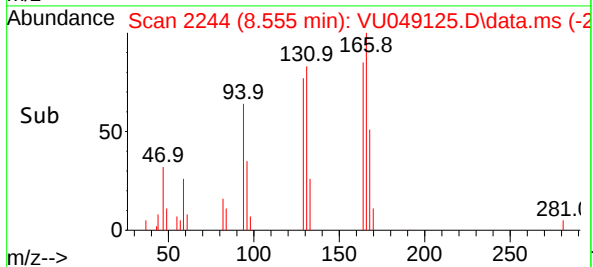
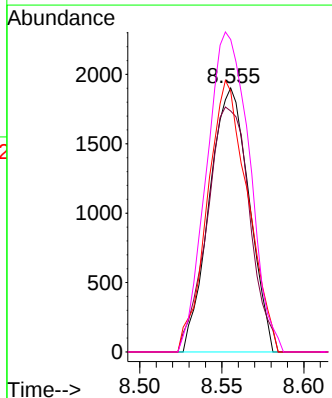
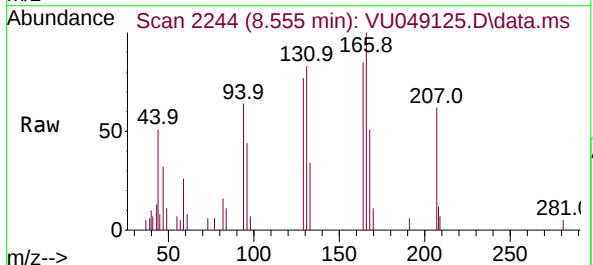
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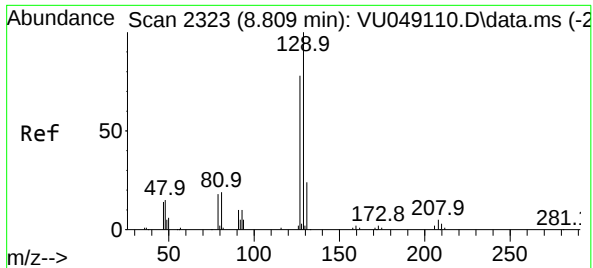
Tgt Ion: 75 Resp: 2275
 Ion Ratio Lower Upper
 75 100
 77 45.4 21.8 40.4#



#47
 Tetrachloroethene
 Concen: 0.482 ug/L
 RT: 8.555 min Scan# 2244
 Delta R.T. 0.003 min
 Lab File: VU049125.D
 Acq: 14 Jun 2022 19:43

Tgt Ion: 164 Resp: 3195
 Ion Ratio Lower Upper
 164 100
 129 91.3 69.8 129.6
 131 98.8 67.8 125.8
 166 118.3 87.3 162.1





#49
 Dibromochloromethane
 Concen: 0.385 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU049125.D
 Acq: 14 Jun 2022 19:43

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BF6

Tgt Ion:129 Resp: 3166
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.9 101.9#

