

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049006.D
 Acq On : 10 Jun 2022 19:01
 Operator : SY/MD
 Sample : N3254-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF9

Quant Time: Jun 11 02:44:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:44:31 2022
 Response via : Initial Calibration

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

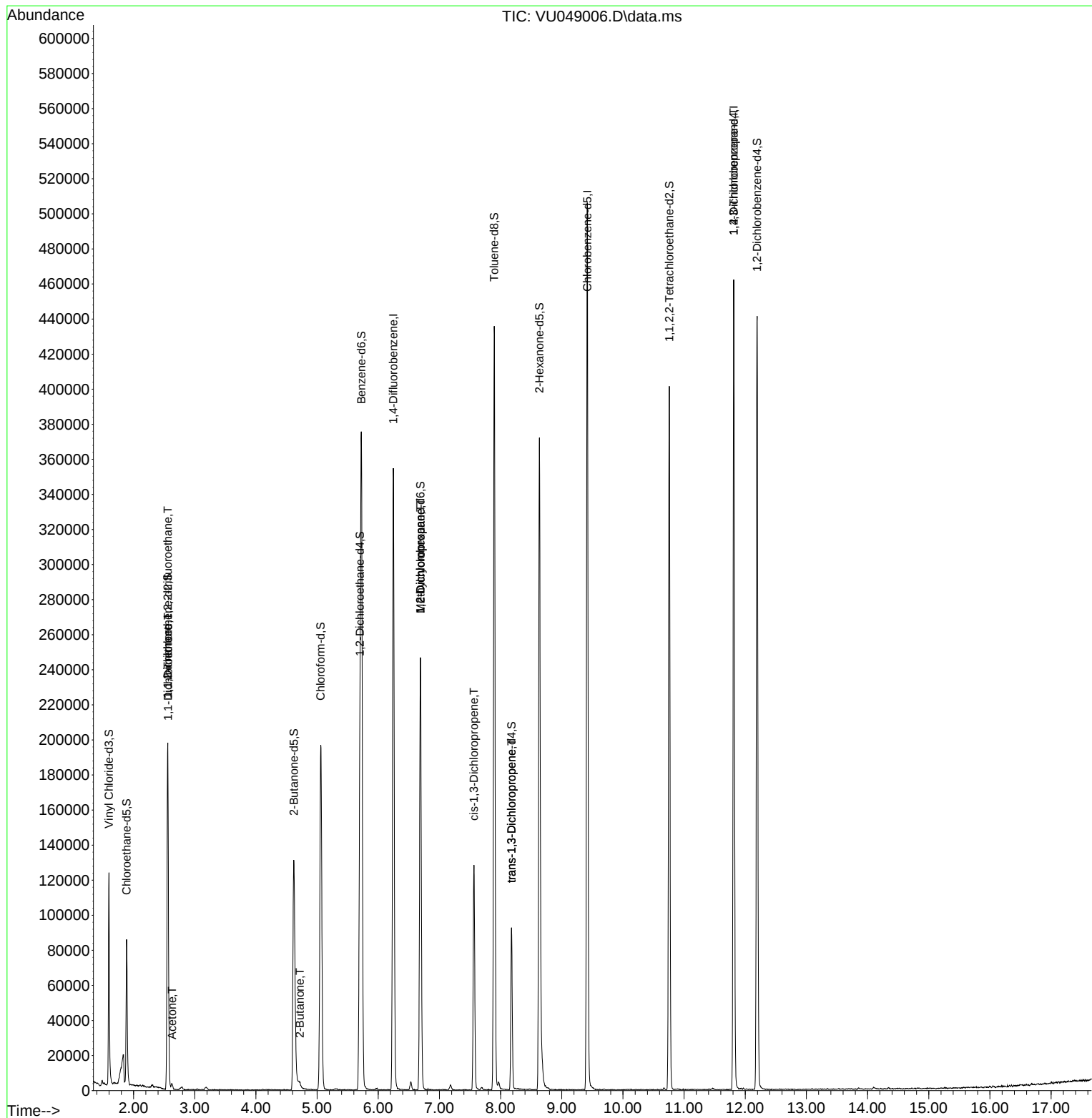
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	283196	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	279159	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	123901	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85767	49.161	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.320%
7) Chloroethane-d5	1.887	69	63338	49.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.900%
11) 1,1-Dichloroethene-d2	2.559	63	116546	35.403	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.800%
21) 2-Butanone-d5	4.620	46	191261	99.991	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.990%
24) Chloroform-d	5.060	84	180146	48.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.700	65	123736	51.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.640%
32) Benzene-d6	5.726	84	340042	49.123	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.240%
36) 1,2-Dichloropropane-d6	6.690	67	115994	49.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.700%
41) Toluene-d8	7.896	98	285377	46.746	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.500%
43) trans-1,3-Dichloroprop...	8.179	79	50439	46.072	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.140%
47) 2-Hexanone-d5	8.636	63	122348	100.456	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.460%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	195521	50.305	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.620%
66) 1,2-Dichlorobenzene-d4	12.195	152	116959	54.253	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.500%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	887	0.445	ug/L #	19
12) 1,1-Dichloroethene	2.562	96	903	0.517	ug/L #	1
13) Acetone	2.629	43	3927	2.609	ug/L	95
22) 2-Butanone	4.716	43	5479	2.369	ug/L #	61
35) Methylcyclohexane	6.690	83	26314	8.269	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	12074	4.734	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3390	0.903	ug/L #	37
44) trans-1,3-Dichloropropene	8.179	75	2384	0.642	ug/L	92
60) 1,2,3-Trichloropropane	11.812	75	14248	4.534	ug/L #	67

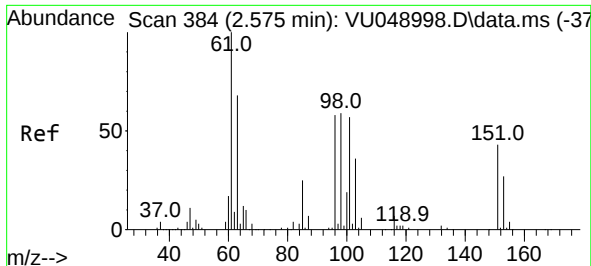
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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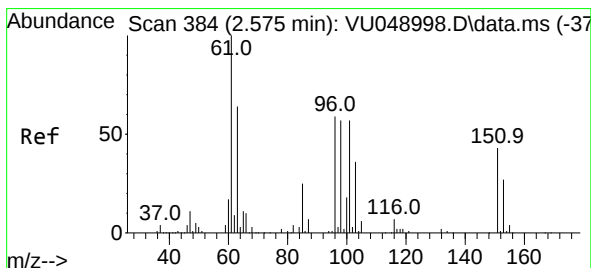
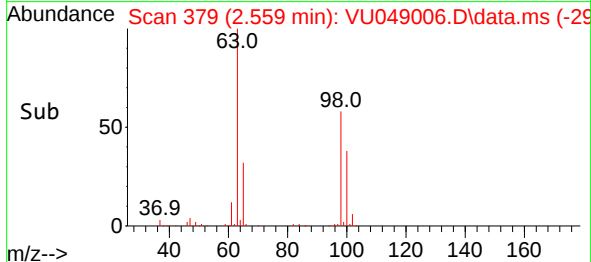
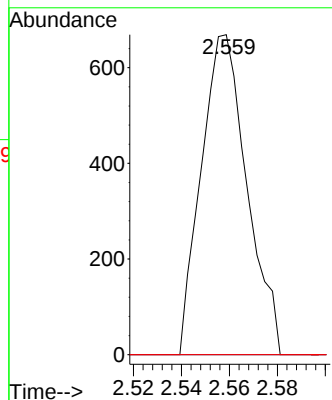
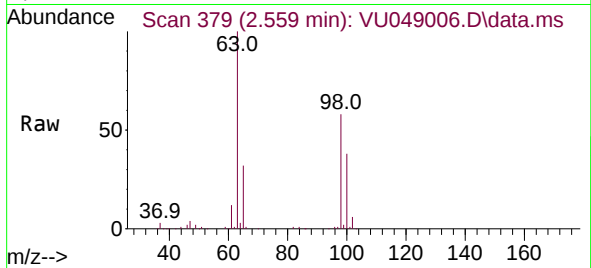




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.445 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU049006.D
Acq: 10 Jun 2022 19:01

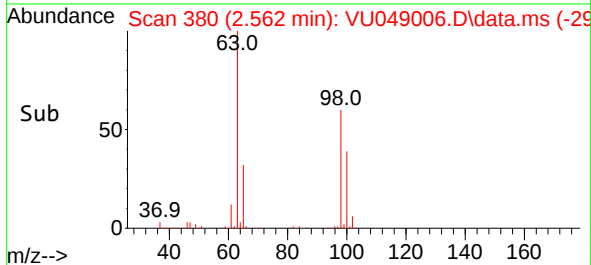
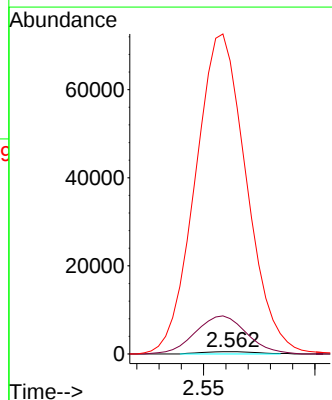
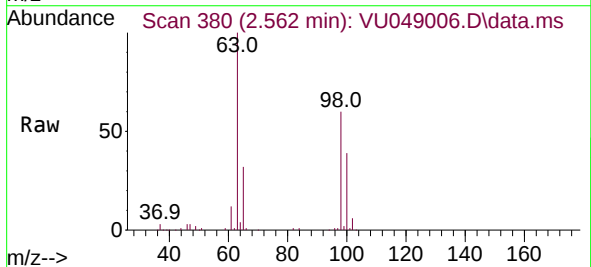
Instrument :
MSVOA_U
ClientSampleId :
C0DF9

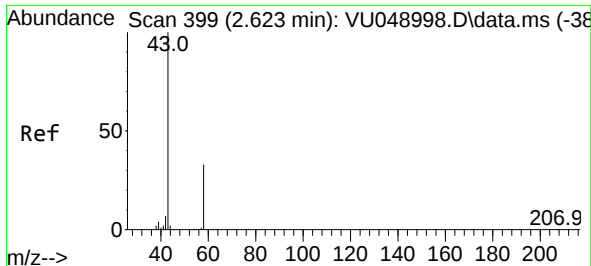
Tgt Ion:101 Resp: 887
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 0.0 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 0.517 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU049006.D
Acq: 10 Jun 2022 19:01

Tgt Ion: 96 Resp: 903
Ion Ratio Lower Upper
96 100
61 1524.7 123.5 229.3#
63 12652.5 86.0 159.8#





#13

Acetone

Concen: 2.609 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU049006.D

Acq: 10 Jun 2022 19:01

Instrument :

MSVOA_U

ClientSampleId :

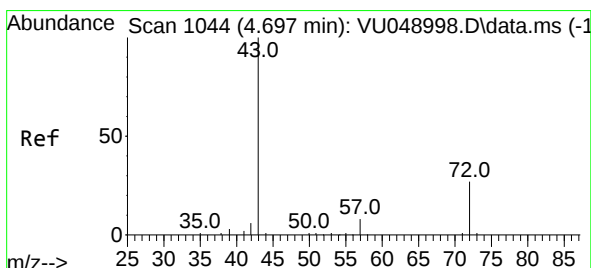
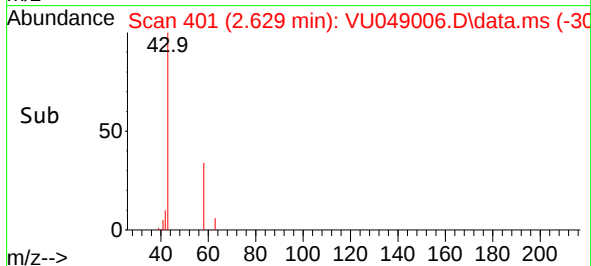
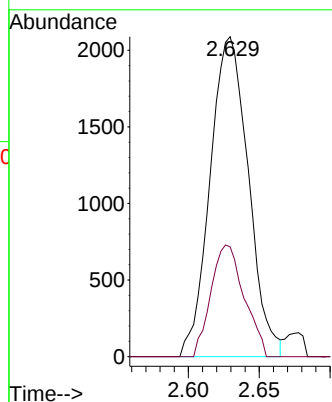
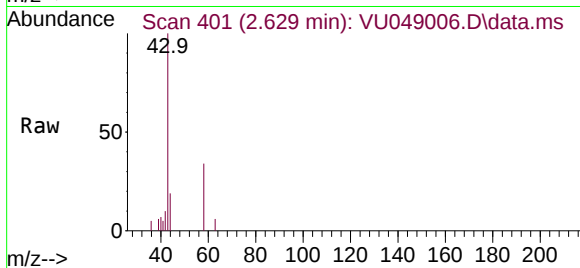
C0DF9

Tgt Ion: 43 Resp: 3927

Ion Ratio Lower Upper

43 100

58 30.3 0.0 66.4



#22

2-Butanone

Concen: 2.369 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.019 min

Lab File: VU049006.D

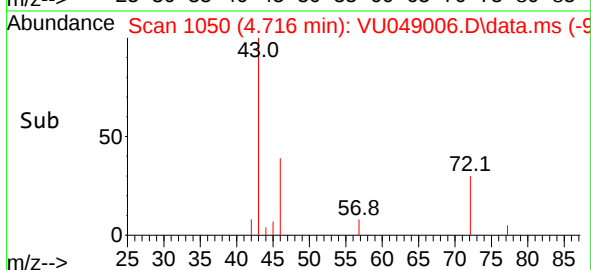
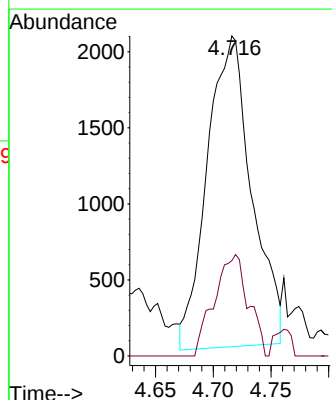
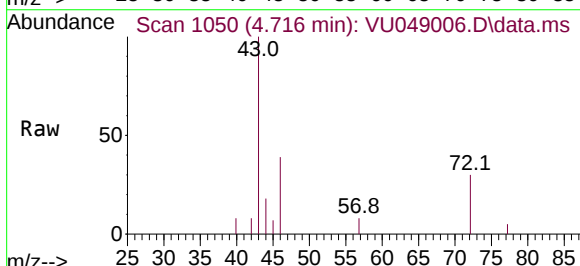
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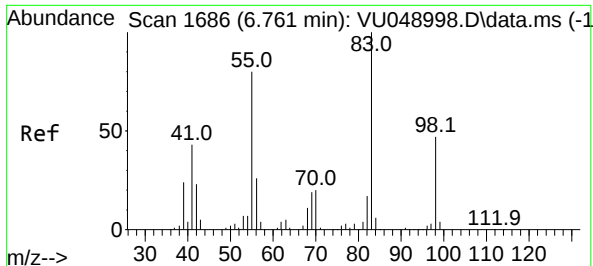
Tgt Ion: 43 Resp: 5479

Ion Ratio Lower Upper

43 100

72 7.2 13.7 41.0#





#35

Methylcyclohexane

Concen: 8.269 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049006.D

Acq: 10 Jun 2022 19:01

Instrument :

MSVOA_U

ClientSampleId :

C0DF9

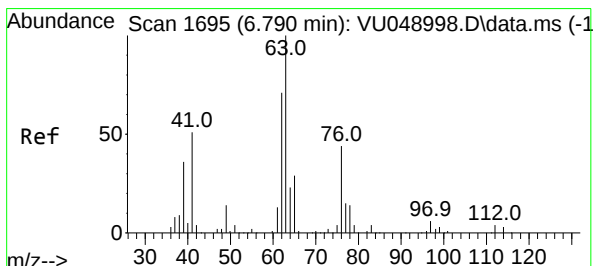
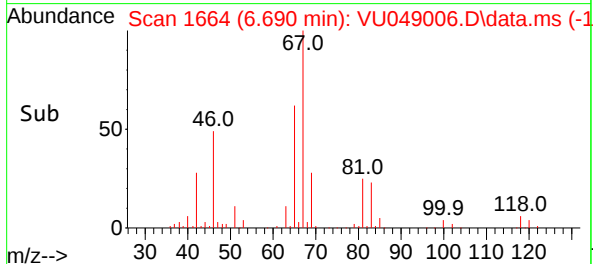
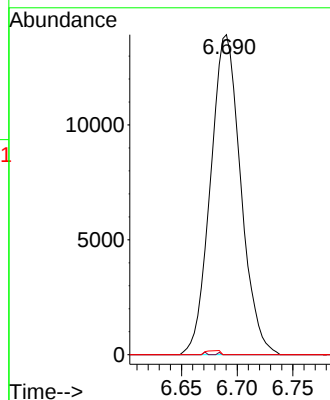
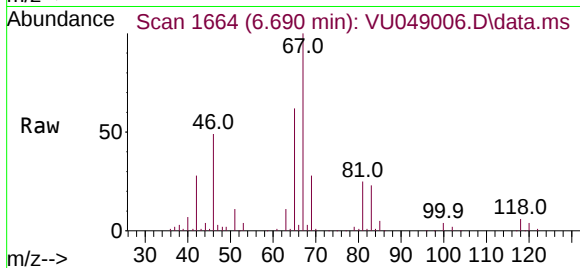
Tgt Ion: 83 Resp: 26314

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.6#

98 0.6 36.8 55.2#



#37

1,2-Dichloropropane

Concen: 4.734 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049006.D

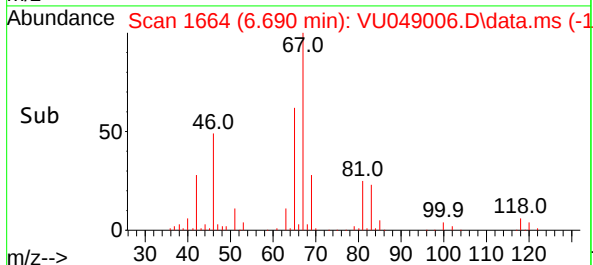
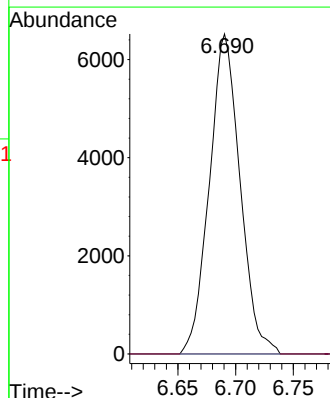
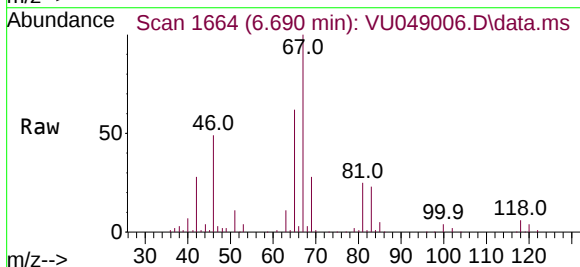
Acq: 10 Jun 2022 19:01

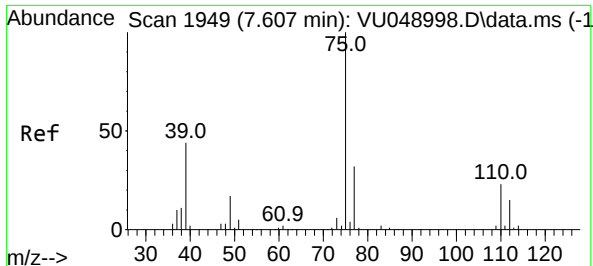
Tgt Ion: 63 Resp: 12074

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.903 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049006.D

Acq: 10 Jun 2022 19:01

Instrument :

MSVOA_U

ClientSampleId :

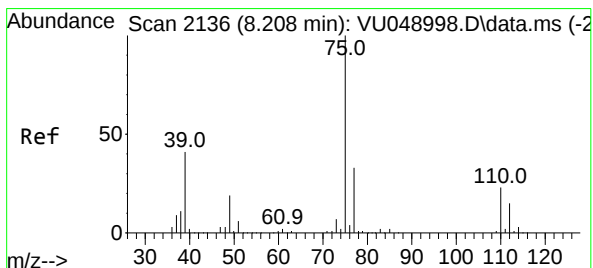
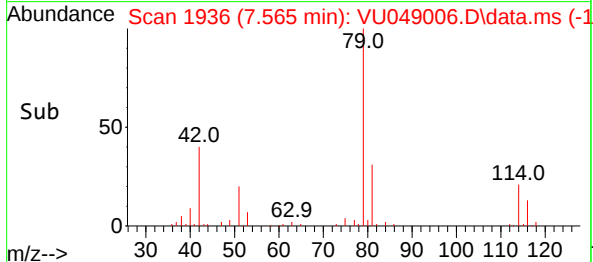
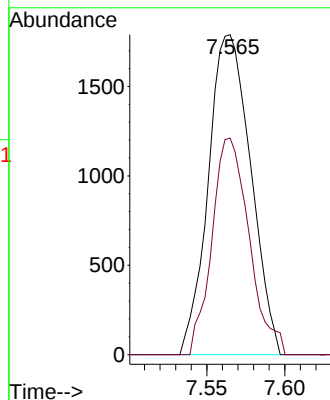
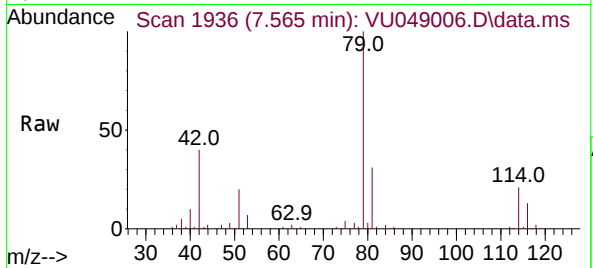
C0DF9

Tgt Ion: 75 Resp: 3390

Ion Ratio Lower Upper

75 100

77 67.7 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.642 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU049006.D

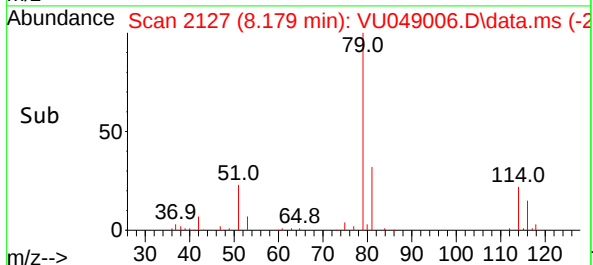
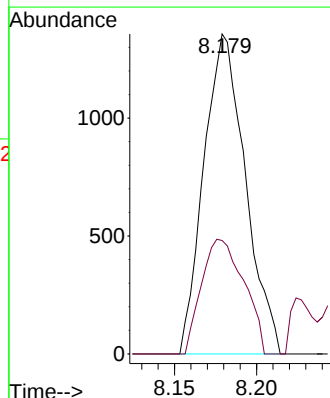
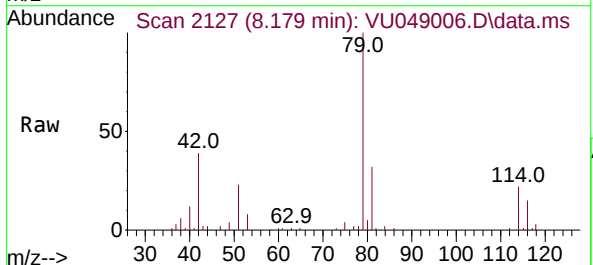
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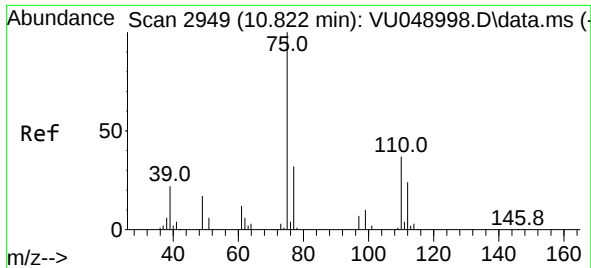
Tgt Ion: 75 Resp: 2384

Ion Ratio Lower Upper

75 100

77 35.4 21.9 40.7





#60
 1,2,3-Trichloropropane
 Concen: 4.534 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049006.D
 Acq: 10 Jun 2022 19:01

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Tgt Ion: 75 Resp: 14248
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.6 40.0
 110 1.6 30.2 45.4#

