

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049007.D
 Acq On : 10 Jun 2022 19:24
 Operator : SY/MD
 Sample : N3254-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DG0

Quant Time: Jun 11 02:44:33 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)

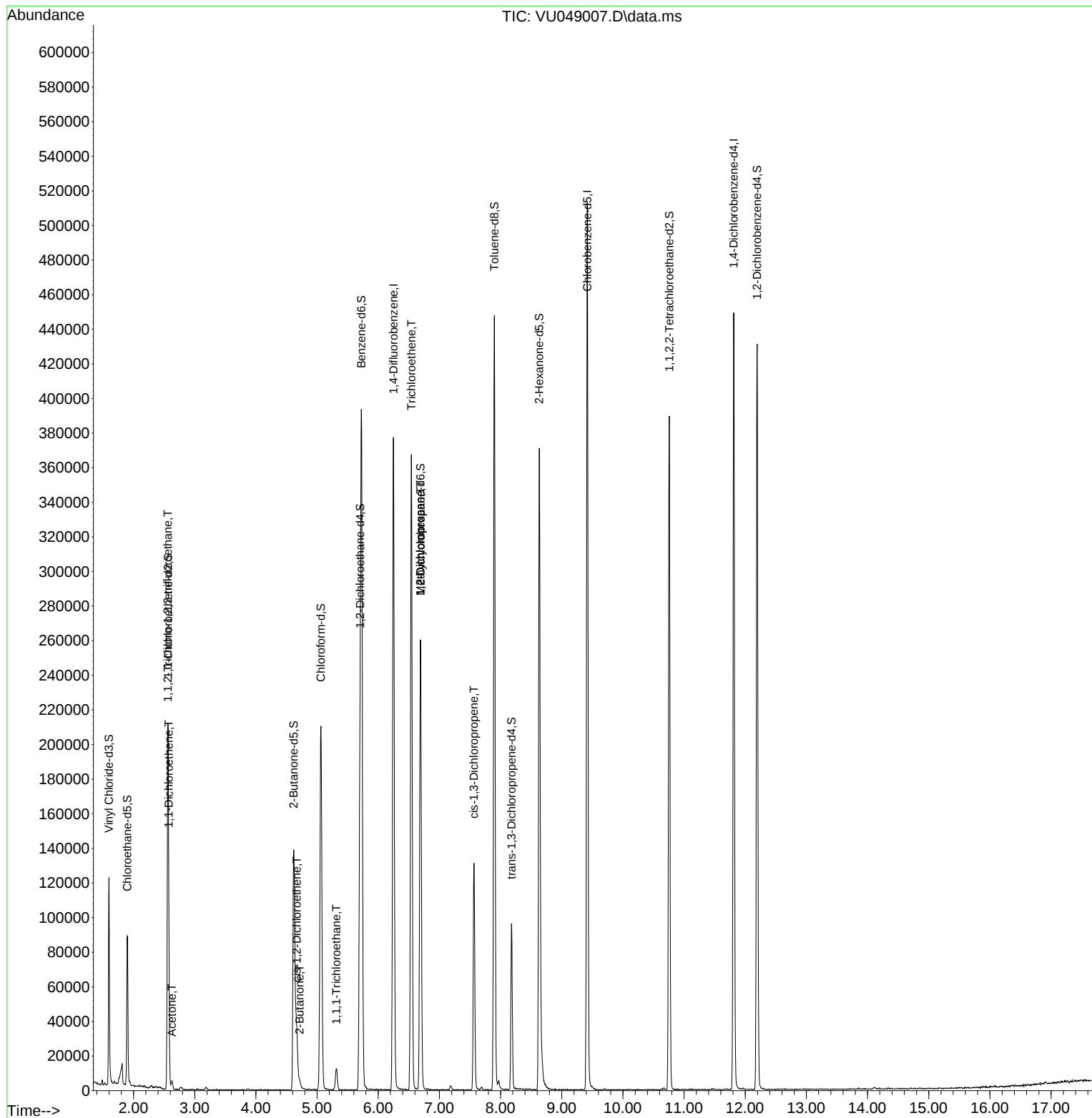
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	303926	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	289409	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	123943	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86056	45.962	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.920%
7) Chloroethane-d5	1.896	69	63594	46.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.520%
11) 1,1-Dichloroethene-d2	2.562	63	124526	35.247	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.500%
21) 2-Butanone-d5	4.616	46	202453	98.623	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.620%
24) Chloroform-d	5.063	84	189449	47.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
26) 1,2-Dichloroethane-d4	5.703	65	128953	49.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.660%
32) Benzene-d6	5.726	84	354609	49.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.820%
36) 1,2-Dichloropropane-d6	6.690	67	126052	52.249	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.500%
41) Toluene-d8	7.899	98	295462	46.684	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.360%
43) trans-1,3-Dichloroprop...	8.179	79	53261	46.927	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.860%
47) 2-Hexanone-d5	8.632	63	118028	93.477	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	191305	47.477	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.960%
66) 1,2-Dichlorobenzene-d4	12.195	152	115681	53.642	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.280%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1197	0.559	ug/L #	22
12) 1,1-Dichloroethene	2.575	96	8920	4.759	ug/L #	1
13) Acetone	2.626	43	5887	3.644	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	14992	5.980	ug/L	95
22) 2-Butanone	4.713	43	7087	2.855	ug/L	78
30) 1,1,1-Trichloroethane	5.314	97	9550	2.366	ug/L	97
34) Trichloroethene	6.542	95	123010	52.047	ug/L	98
35) Methylcyclohexane	6.690	83	28932	8.770	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	13685	5.176	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3174	0.816	ug/L #	79

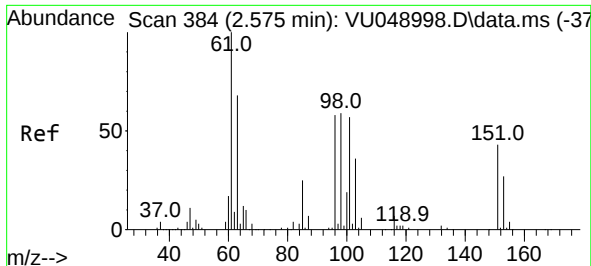
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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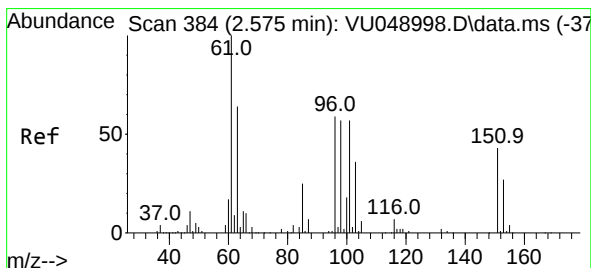
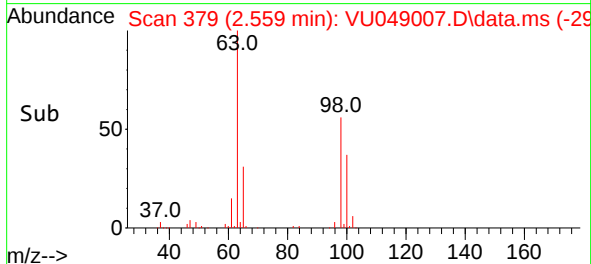
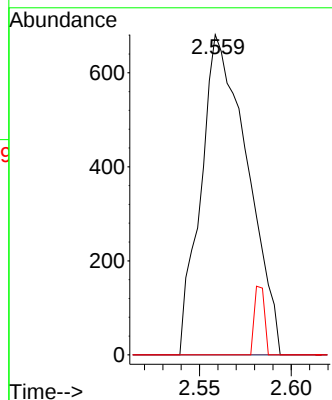
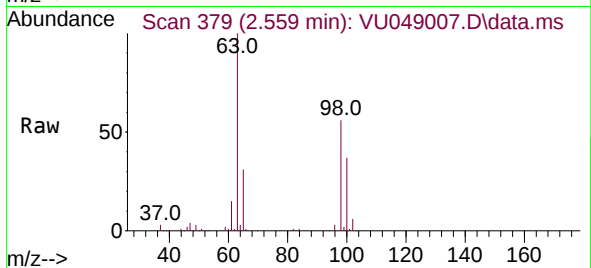




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.559 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU049007.D
 Acq: 10 Jun 2022 19:24

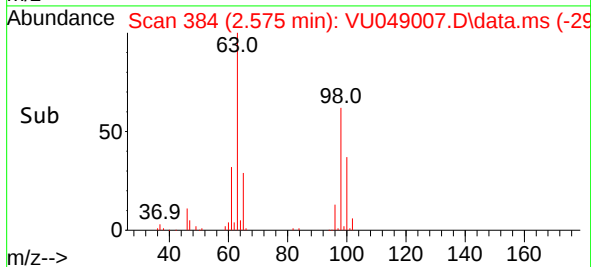
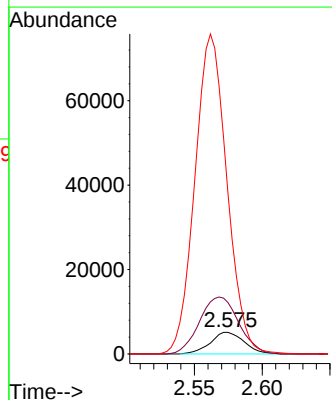
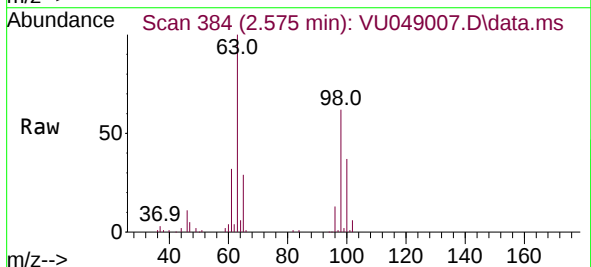
Instrument :
 MSVOA_U
 ClientSampleId :
 C0DG0

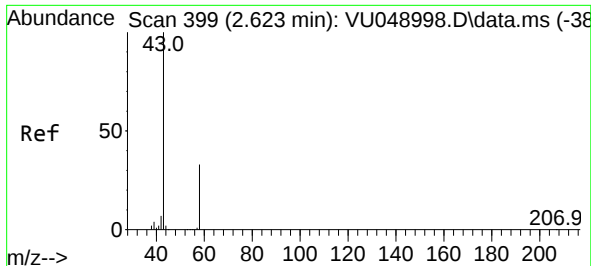
Tgt Ion:101 Resp: 1197
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 4.7 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 4.759 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU049007.D
 Acq: 10 Jun 2022 19:24

Tgt Ion: 96 Resp: 8920
 Ion Ratio Lower Upper
 96 100
 61 238.5 123.5 229.3#
 63 748.3 86.0 159.8#





#13

Acetone

Concen: 3.644 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU049007.D

Acq: 10 Jun 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

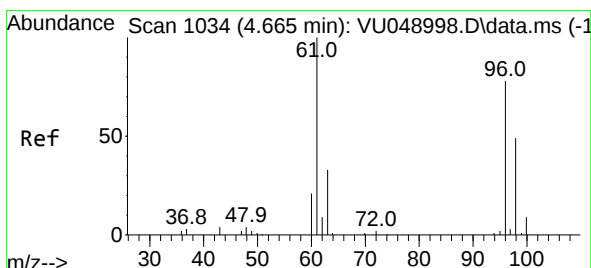
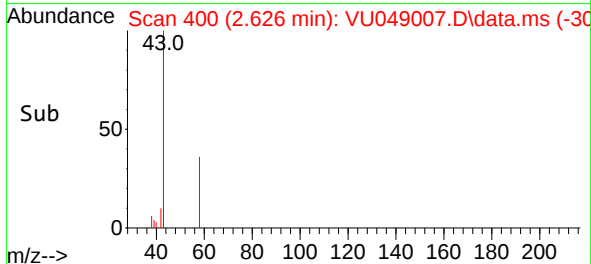
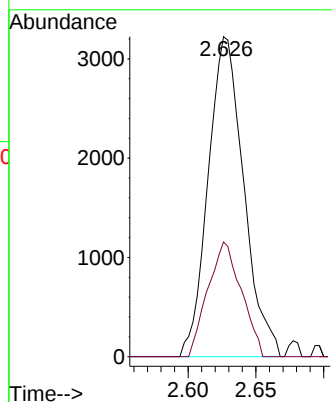
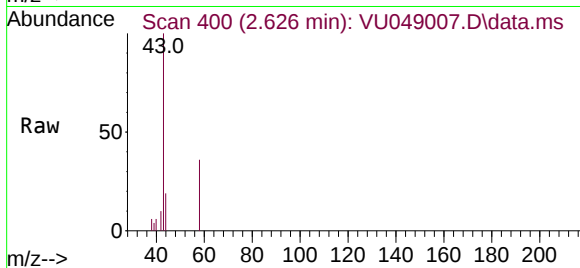
C0DG0

Tgt Ion: 43 Resp: 5887

Ion Ratio Lower Upper

43 100

58 33.7 0.0 66.4



#20

cis-1,2-Dichloroethene

Concen: 5.980 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU049007.D

Acq: 10 Jun 2022 19:24

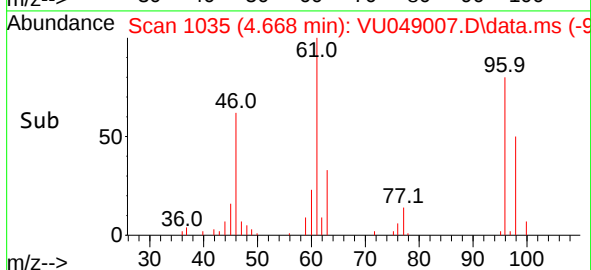
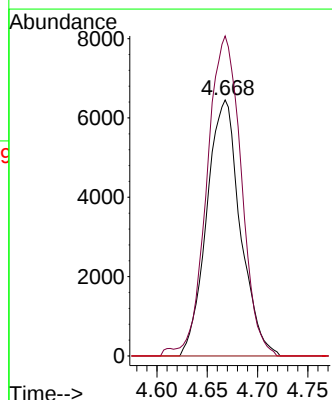
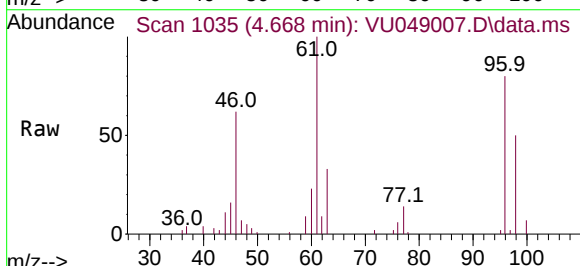
Tgt Ion: 96 Resp: 14992

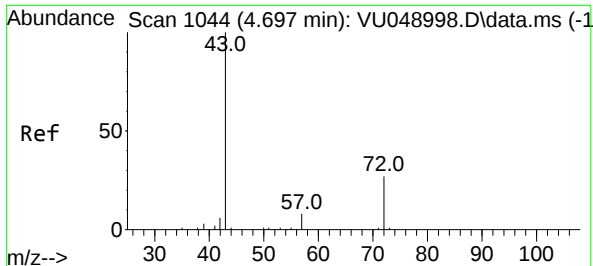
Ion Ratio Lower Upper

96 100

61 125.0 91.6 170.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 2.855 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.016 min

Lab File: VU049007.D

Acq: 10 Jun 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

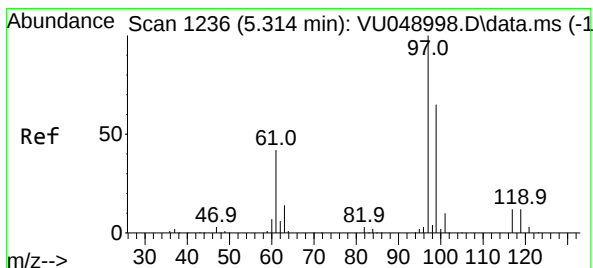
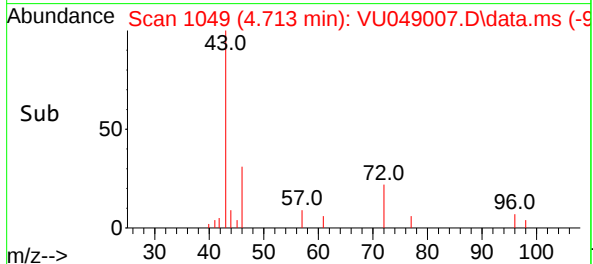
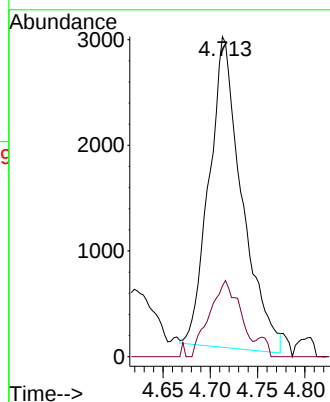
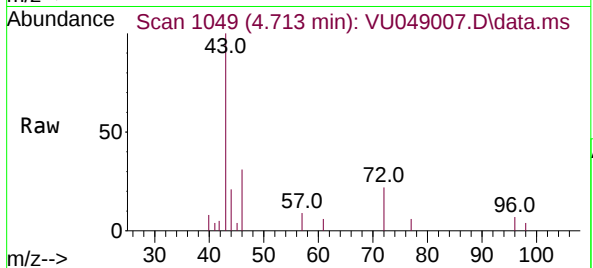
C0DG0

Tgt Ion: 43 Resp: 7087

Ion Ratio Lower Upper

43 100

72 16.0 13.7 41.0



#30

1,1,1-Trichloroethane

Concen: 2.366 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU049007.D

Acq: 10 Jun 2022 19:24

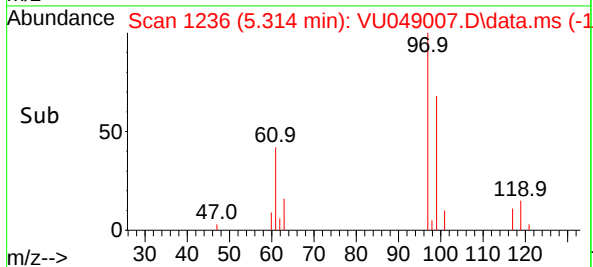
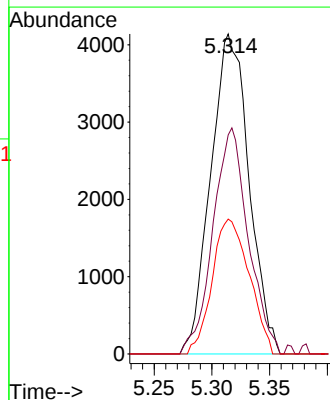
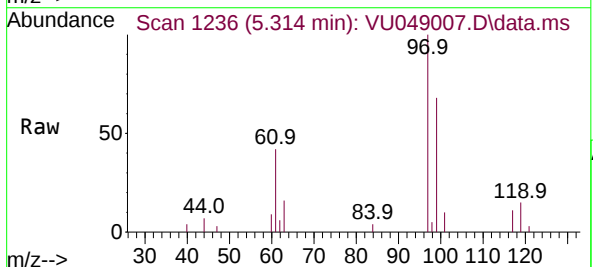
Tgt Ion: 97 Resp: 9550

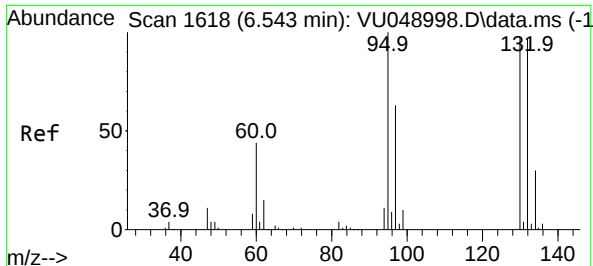
Ion Ratio Lower Upper

97 100

99 65.3 50.9 76.3

61 40.7 34.2 51.2

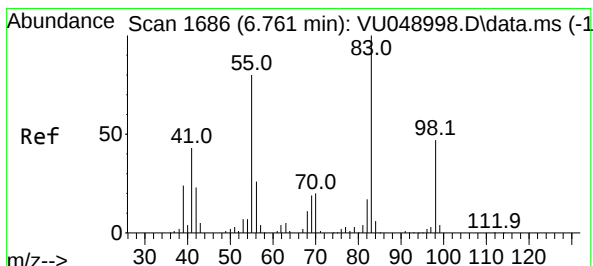
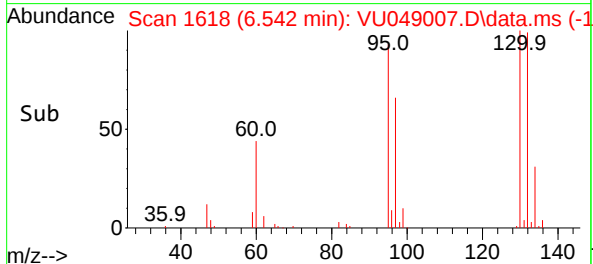
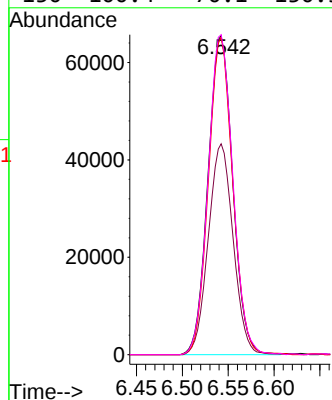
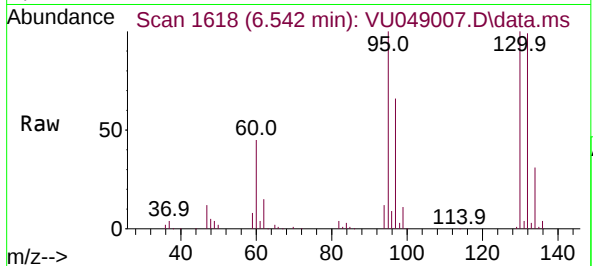




#34
Trichloroethene
Concen: 52.047 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049007.D
Acq: 10 Jun 2022 19:24

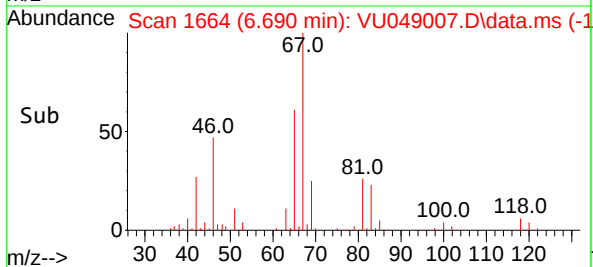
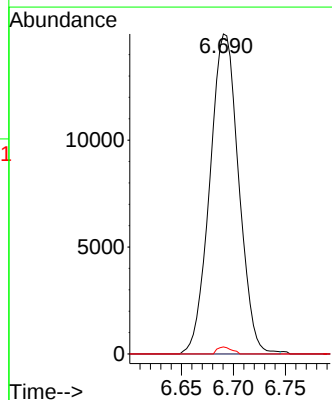
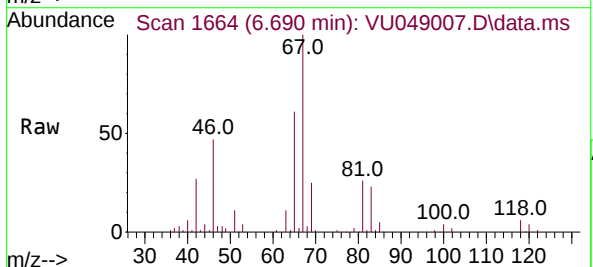
Instrument :
MSVOA_U
ClientSampleId :
C0DG0

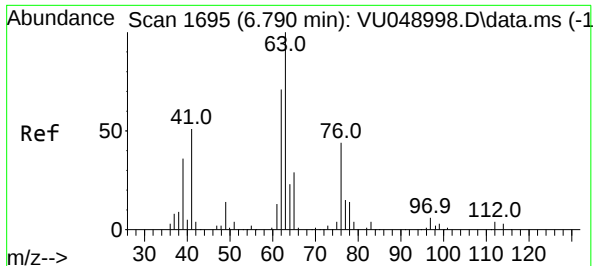
Tgt Ion: 95 Resp: 123010
Ion Ratio Lower Upper
95 100
97 66.1 45.4 84.4
132 99.5 67.6 125.6
130 100.4 70.1 130.3



#35
Methylcyclohexane
Concen: 8.770 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049007.D
Acq: 10 Jun 2022 19:24

Tgt Ion: 83 Resp: 28932
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.6#
98 1.1 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 5.176 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049007.D

Acq: 10 Jun 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

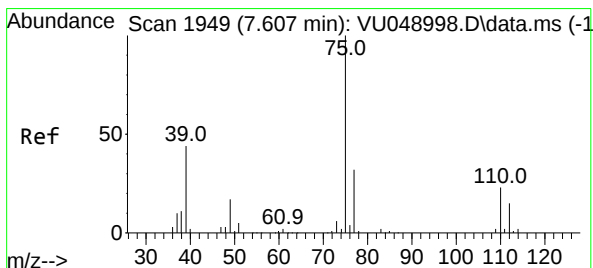
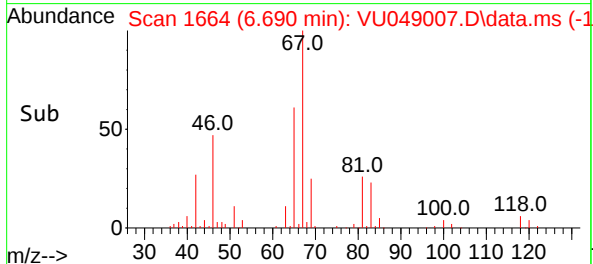
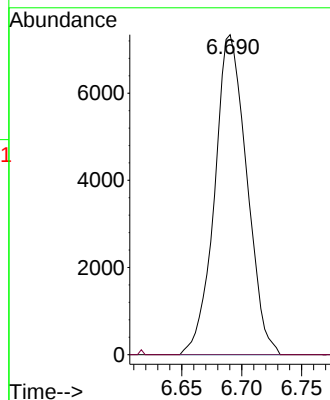
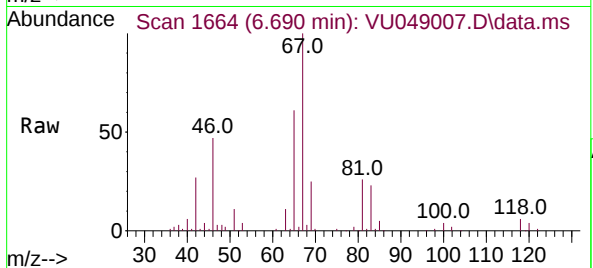
C0DG0

Tgt Ion: 63 Resp: 13685

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.816 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049007.D

Acq: 10 Jun 2022 19:24

Tgt Ion: 75 Resp: 3174

Ion Ratio Lower Upper

75 100

77 44.0 22.6 42.0#

