

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047172.D
 Acq On : 16 Feb 2022 19:39
 Operator : SY/MD
 Sample : N1558-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 17 04:08:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

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

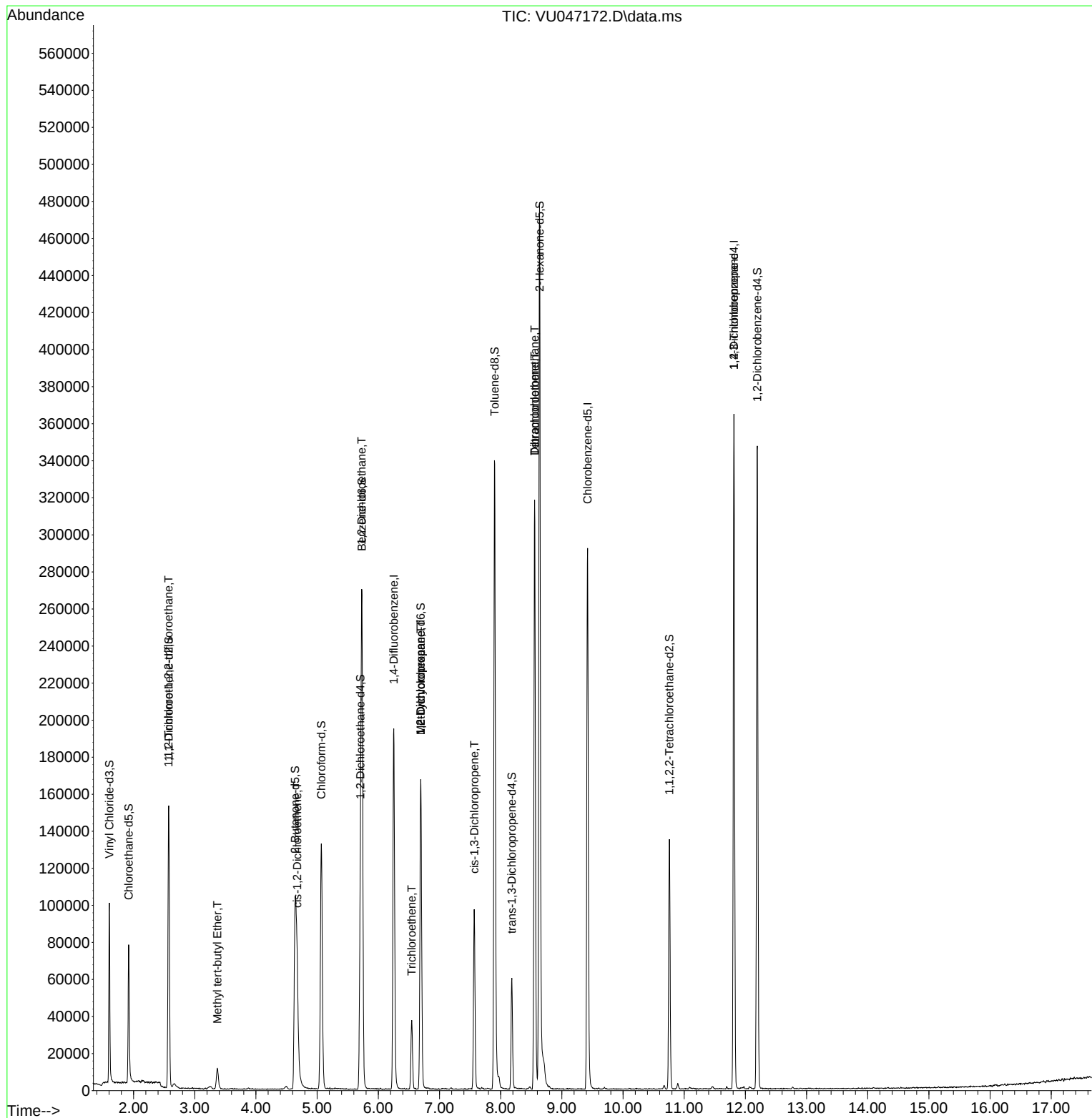
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	168679	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	172859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	96945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	71167	4.996	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.919	69	57458	5.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.575	65	28474	4.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.642	46	202905	59.589	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.180%
24) Chloroform-d	5.070	84	121956	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.707	65	66781	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.732	84	255562	5.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.694	67	81767	5.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.899	98	241716	5.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.182	79	33066	4.746	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.636	63	177052	48.266	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	67332	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	94752	5.447	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1082	0.094	ug/L #	28
17) Methyl tert-butyl Ether	3.369	73	12701	0.419	ug/L #	96
22) cis-1,2-Dichloroethene	4.674	96	16819	1.288	ug/L	96
27) 1,2-Dichloroethane	5.729	62	1329	0.091	ug/L #	73
34) Trichloroethene	6.546	95	12635	0.964	ug/L	95
35) Methylcyclohexane	6.694	83	18278	0.827	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	8619	0.679	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	2199	0.111	ug/L #	53
47) Tetrachloroethene	8.555	164	74333	6.992	ug/L	94
49) Dibromochloromethane	8.555	129	69031	5.812	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	11103	1.199	ug/L #	69

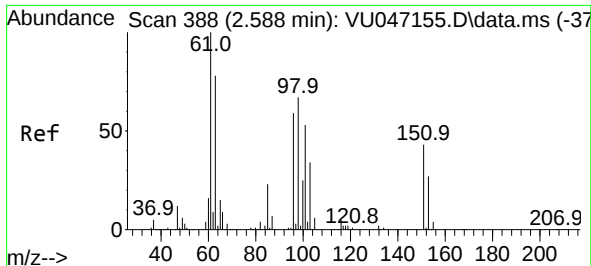
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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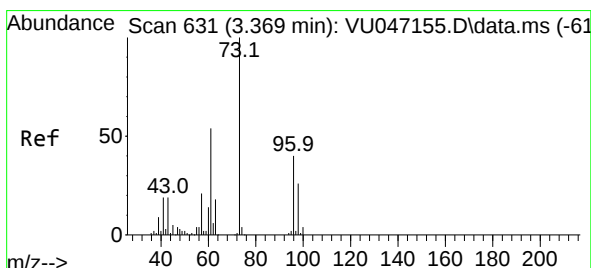
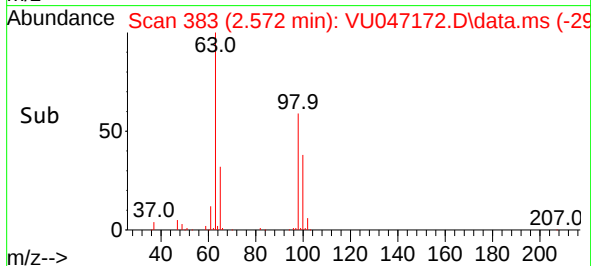
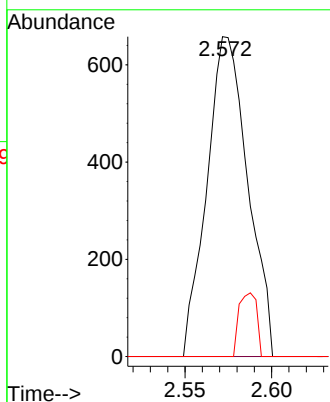
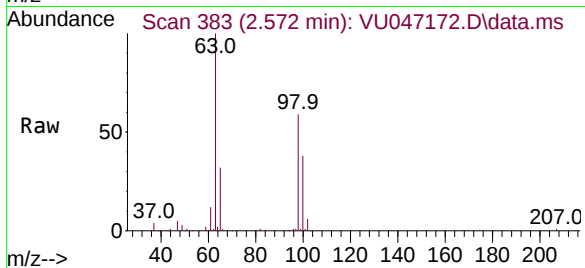




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.094 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU047172.D
 Acq: 16 Feb 2022 19:39

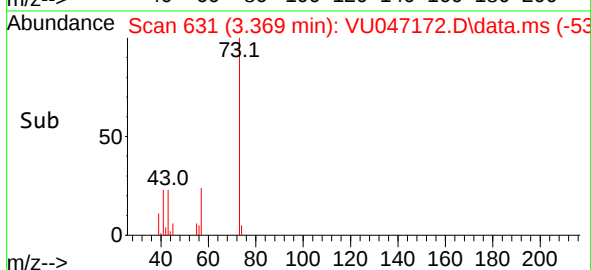
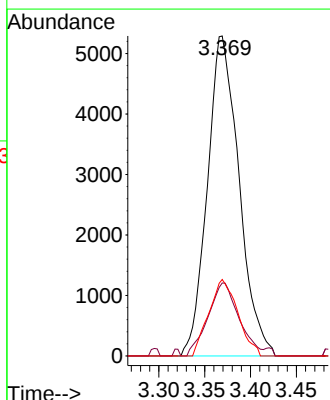
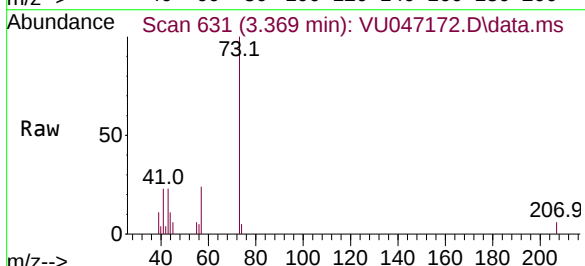
Instrument :
 MSVOA_U
 ClientSampleId :

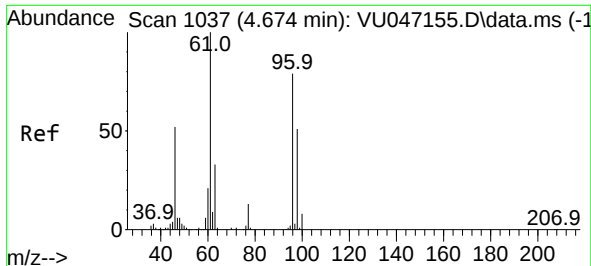
Tgt Ion:101 Resp: 1082
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 8.6 56.1 84.1#



#17
 Methyl tert-butyl Ether
 Concen: 0.419 ug/L
 RT: 3.369 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VU047172.D
 Acq: 16 Feb 2022 19:39

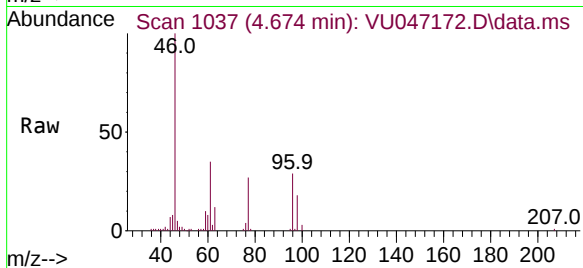
Tgt Ion: 73 Resp: 12701
 Ion Ratio Lower Upper
 73 100
 43 22.4 14.8 22.2#
 57 21.8 17.4 26.0



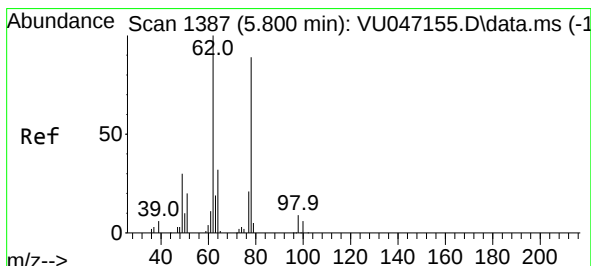
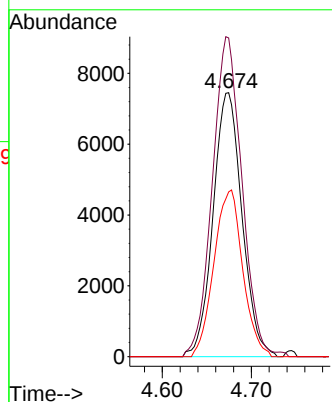
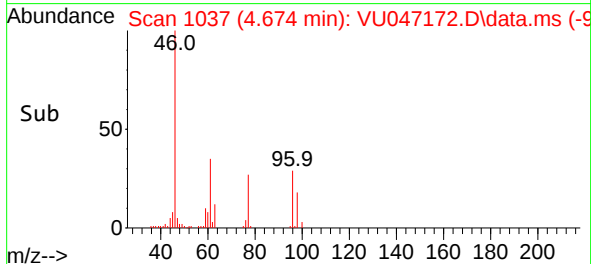


#22
 cis-1,2-Dichloroethene
 Concen: 1.288 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU047172.D
 Acq: 16 Feb 2022 19:39

Instrument :
 MSVOA_U
 ClientSampleId :

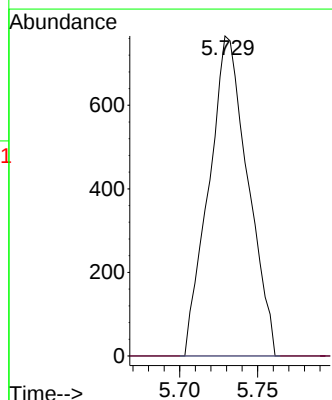
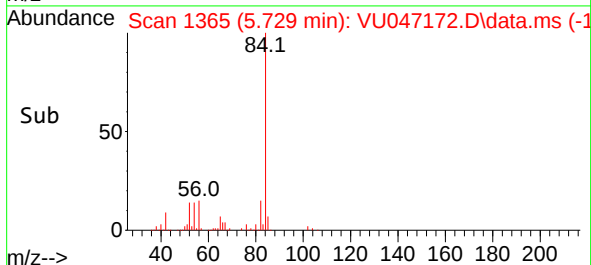
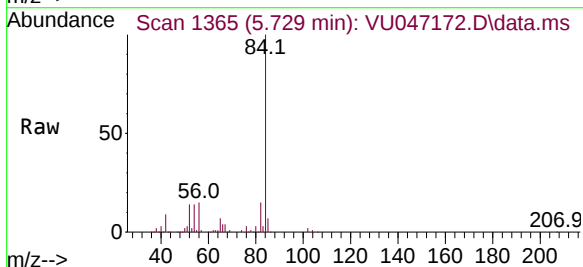


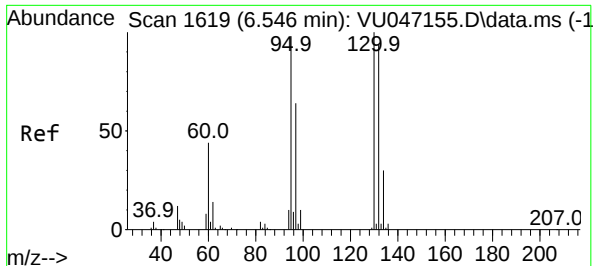
Tgt Ion: 96 Resp: 16819
 Ion Ratio Lower Upper
 96 100
 61 120.8 88.5 164.3
 98 62.4 44.4 82.5



#27
 1,2-Dichloroethane
 Concen: 0.091 ug/L
 RT: 5.729 min Scan# 1365
 Delta R.T. -0.071 min
 Lab File: VU047172.D
 Acq: 16 Feb 2022 19:39

Tgt Ion: 62 Resp: 1329
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#





#34

Trichloroethene

Concen: 0.964 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047172.D

Acq: 16 Feb 2022 19:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 12635

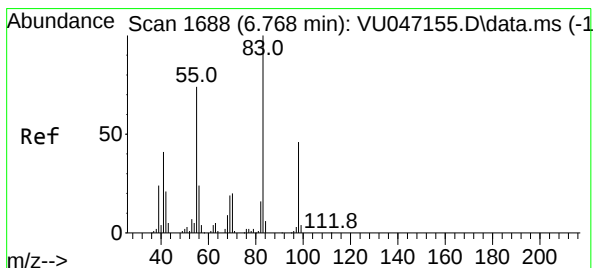
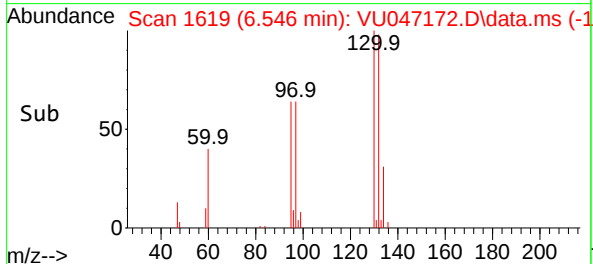
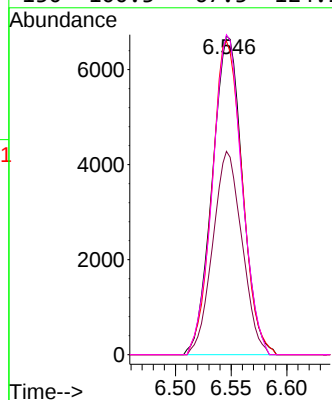
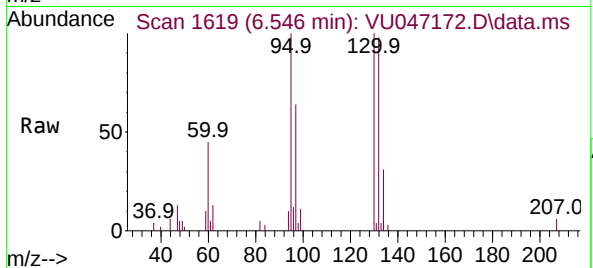
Ion Ratio Lower Upper

95 100

97 63.8 46.5 86.5

132 98.4 65.1 120.9

130 100.3 67.3 124.9



#35

Methylcyclohexane

Concen: 0.827 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047172.D

Acq: 16 Feb 2022 19:39

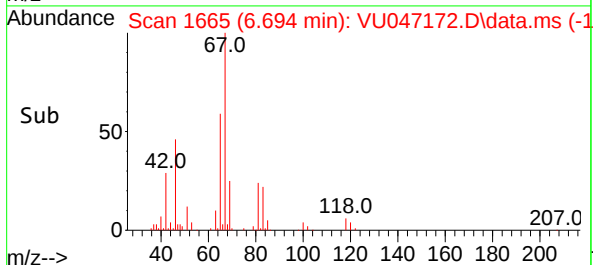
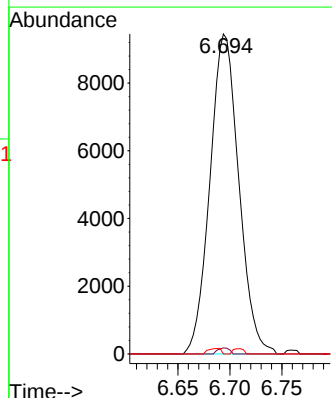
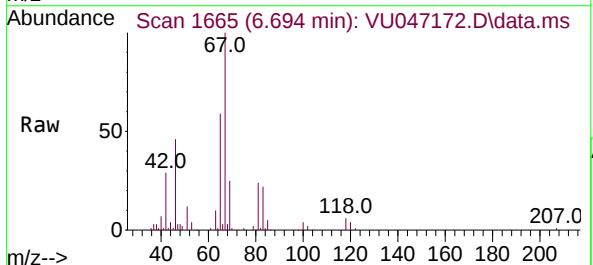
Tgt Ion: 83 Resp: 18278

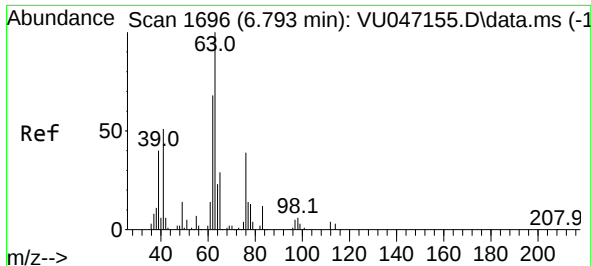
Ion Ratio Lower Upper

83 100

55 0.7 61.9 92.9#

98 0.8 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.679 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047172.D

Acq: 16 Feb 2022 19:39

Instrument :

MSVOA_U

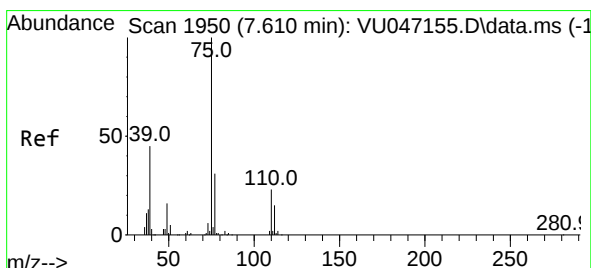
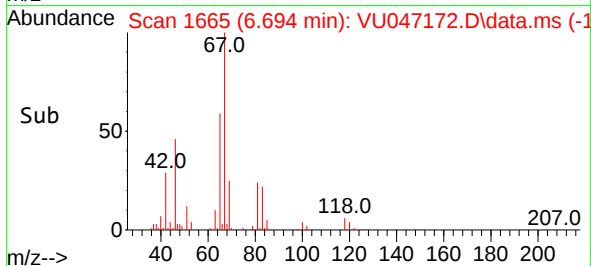
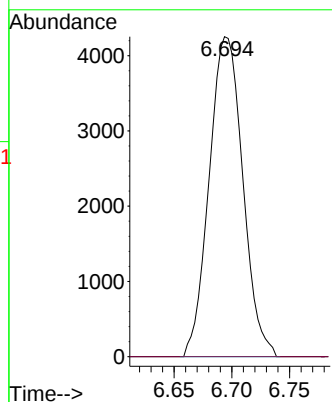
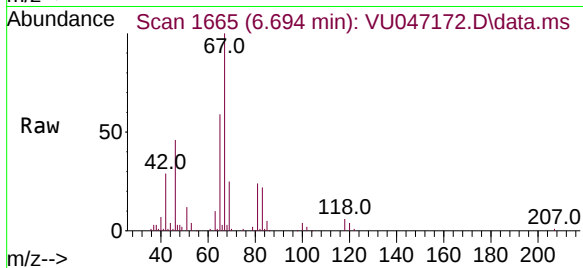
ClientSampleId :

Tgt Ion: 63 Resp: 8619

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.038 min

Lab File: VU047172.D

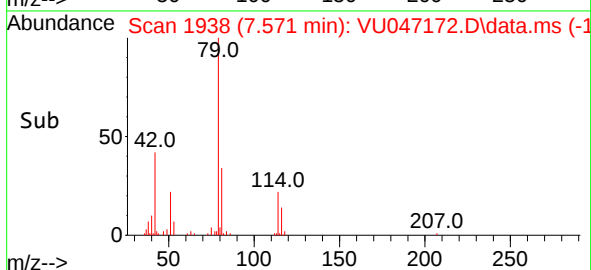
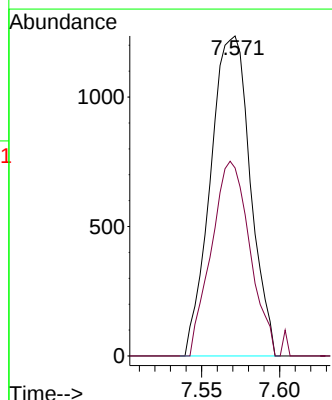
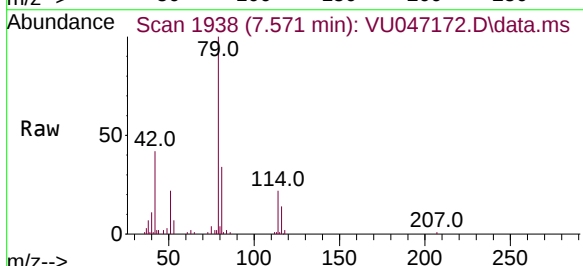
Acq: 16 Feb 2022 19:39

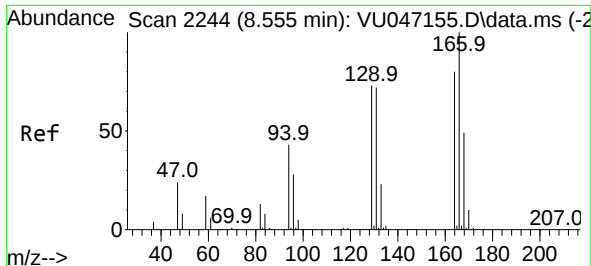
Tgt Ion: 75 Resp: 2199

Ion Ratio Lower Upper

75 100

77 58.7 22.5 41.9#





#47

Tetrachloroethene

Concen: 6.992 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

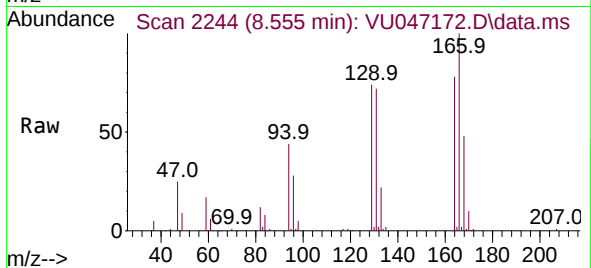
Lab File: VU047172.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 74333

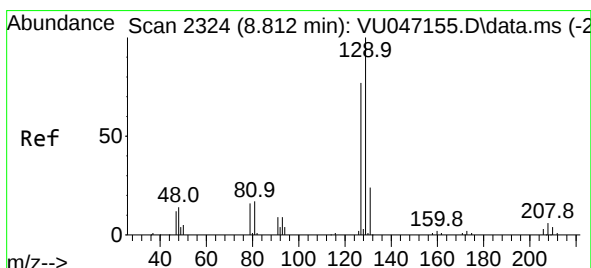
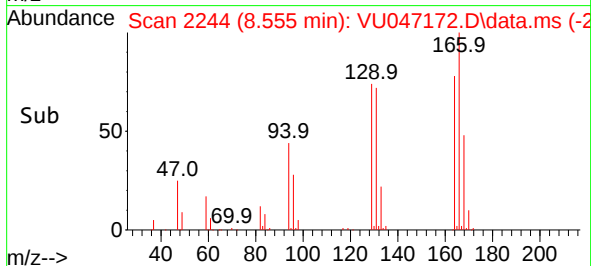
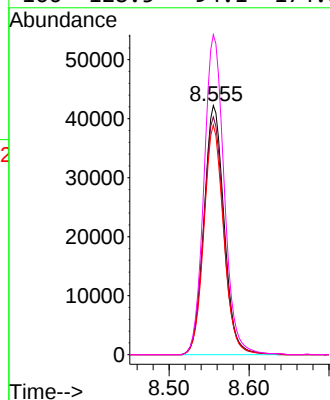
Ion Ratio Lower Upper

164 100

129 95.5 71.8 133.4

131 92.2 68.5 127.3

166 128.5 94.1 174.8



#49

Dibromochloromethane

Concen: 5.812 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047172.D

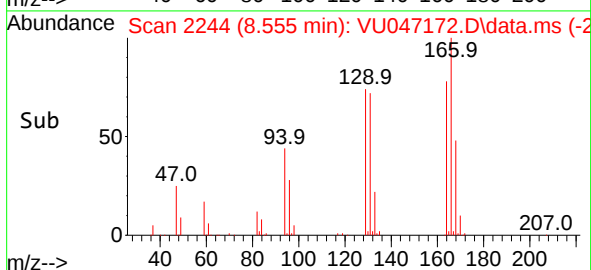
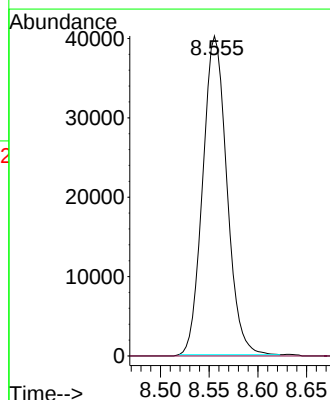
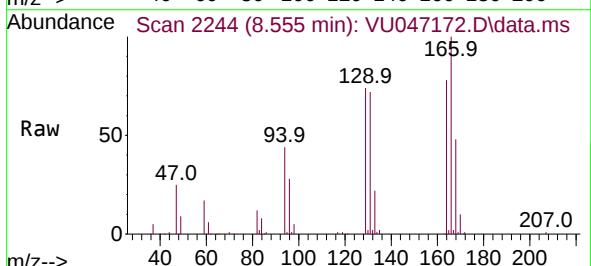
Acq: 16 Feb 2022 19:39

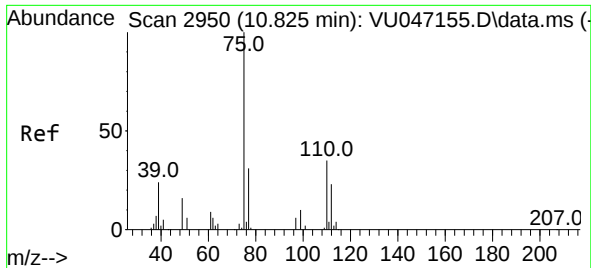
Tgt Ion:129 Resp: 69031

Ion Ratio Lower Upper

129 100

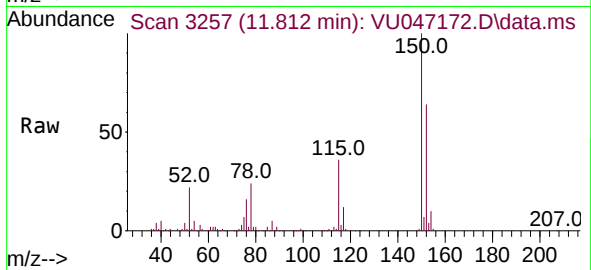
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.199 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047172.D
 Acq: 16 Feb 2022 19:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11103
 Ion Ratio Lower Upper
 75 100
 110 2.5 29.9 44.9#
 77 31.9 25.5 38.3

