

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047699.D
 Acq On : 26 Mar 2022 11:34
 Operator : SY/MD
 Sample : N2082-09DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW600DL

Quant Time: Mar 28 05:06:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

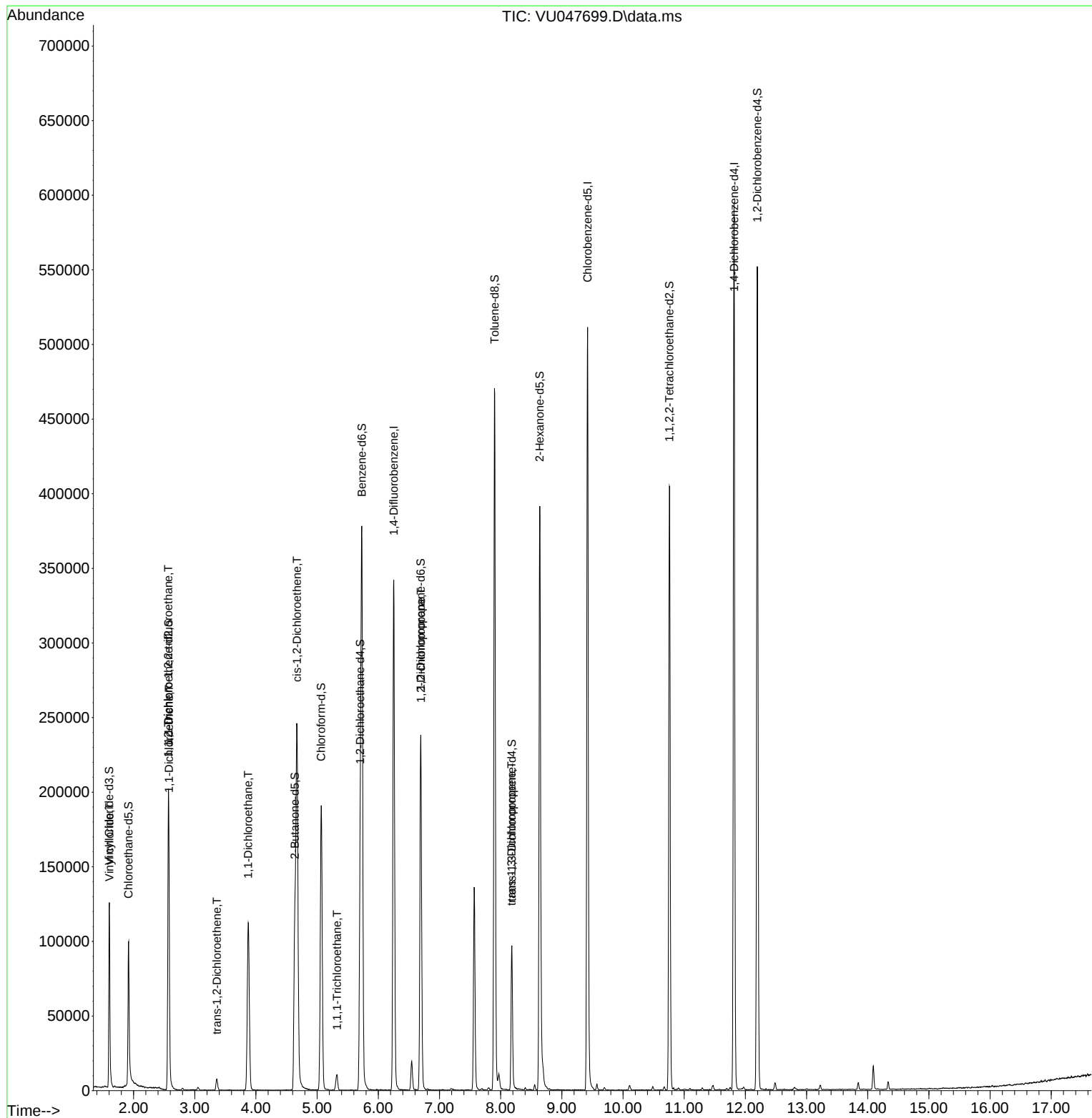
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	290155	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	300498	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	163648	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	79776	37.915	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.820%
7) Chloroethane-d5	1.916	69	74957	45.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.360%
11) 1,1-Dichloroethene-d2	2.571	63	117700	30.574	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.140%
21) 2-Butanone-d5	4.636	46	193968	107.402	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.400%
24) Chloroform-d	5.067	84	179094	46.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.040%
26) 1,2-Dichloroethane-d4	5.703	65	115271	48.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.640%
32) Benzene-d6	5.732	84	347382	45.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.880%
36) 1,2-Dichloropropane-d6	6.694	67	114176	49.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.340%
41) Toluene-d8	7.899	98	321665	43.663	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.320%
43) trans-1,3-Dichloroprop...	8.182	79	54214	46.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.160%
47) 2-Hexanone-d5	8.639	63	142531	104.849	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.850%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	199609	50.087	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.180%
66) 1,2-Dichlorobenzene-d4	12.195	152	151101	51.899	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	18412	7.018	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1136	0.531	ug/L #	18
12) 1,1-Dichloroethene	2.578	96	1526	0.767	ug/L #	1
17) trans-1,2-Dichloroethene	3.362	96	3491	1.626	ug/L	96
19) 1,1-Dichloroethane	3.874	63	126748	34.234	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	116666	49.571	ug/L	97
30) 1,1,1-Trichloroethane	5.324	97	7526	2.209	ug/L	97
37) 1,2-Dichloropropane	6.697	63	12298	5.562	ug/L #	87
44) trans-1,3-Dichloropropene	8.179	75	2422	0.707	ug/L	88

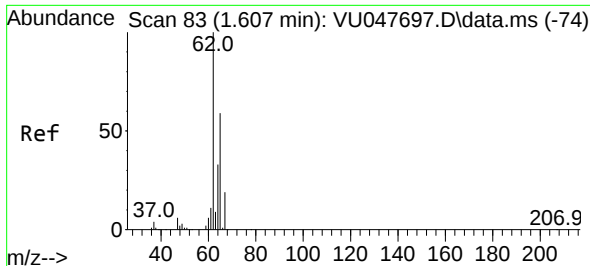
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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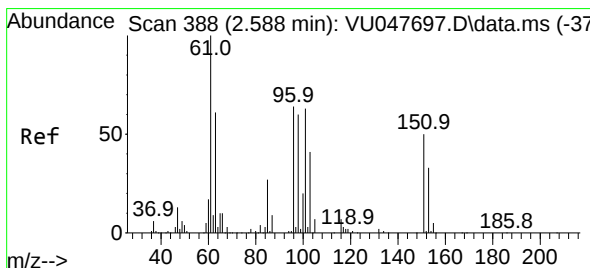
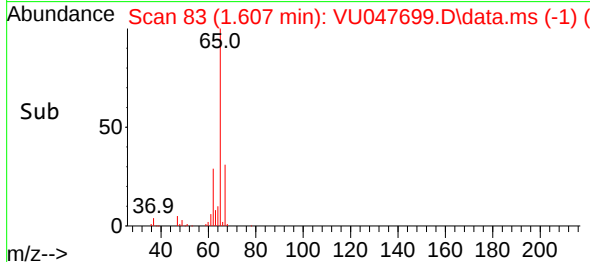
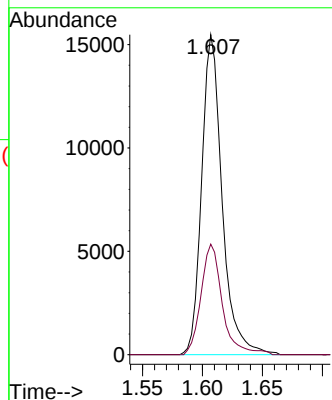
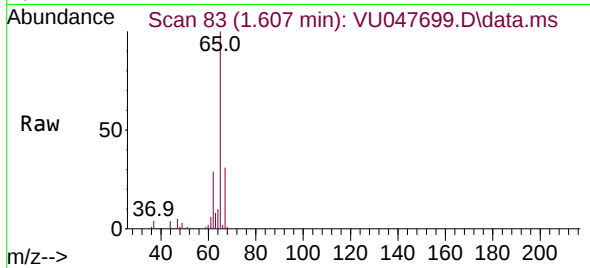




#5
 Vinyl chloride
 Concen: 7.018 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047699.D
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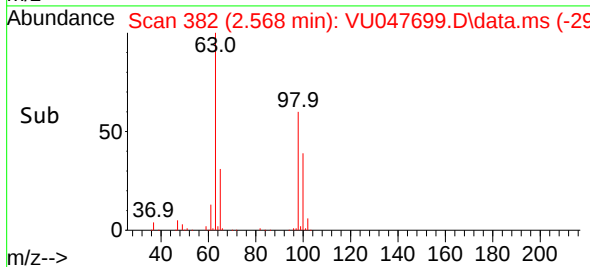
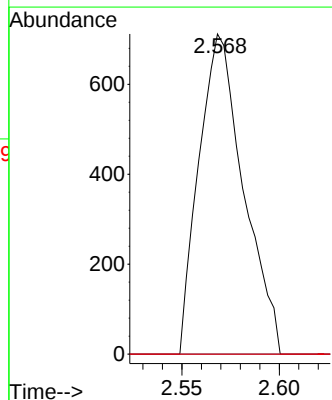
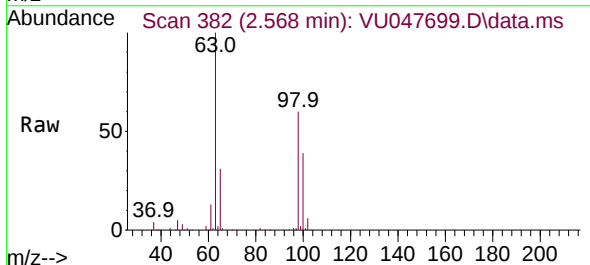
Instrument :
 MSVOA_U
 ClientSampleId :
 EW600DL

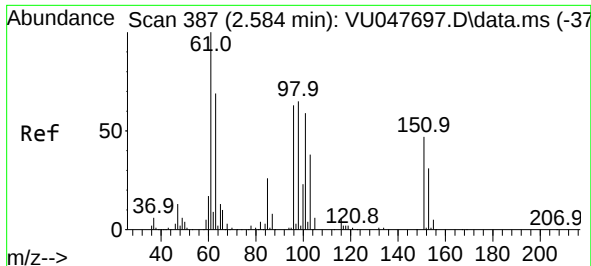
Tgt Ion: 62 Resp: 18412
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.7 43.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.531 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU047699.D
 Acq: 26 Mar 2022 11:34

Tgt Ion: 101 Resp: 1136
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#





#12

1,1-Dichloroethene

Concen: 0.767 ug/L

RT: 2.578 min Scan# 3

Delta R.T. -0.006 min

Lab File: VU047699.D

Acq: 26 Mar 2022 11:34

Instrument :

MSVOA_U

ClientSampleId :

EW600DL

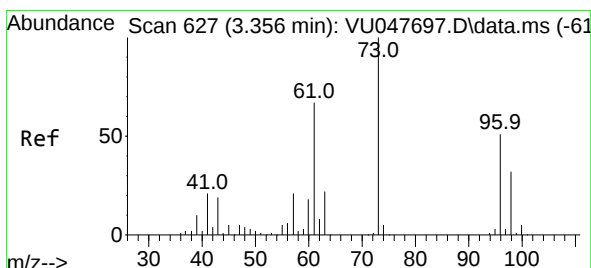
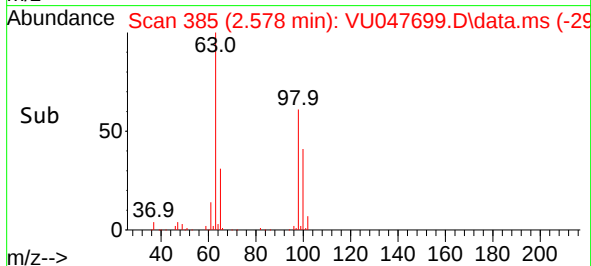
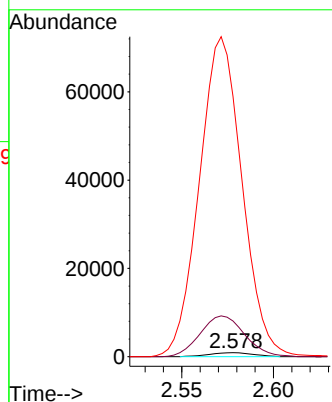
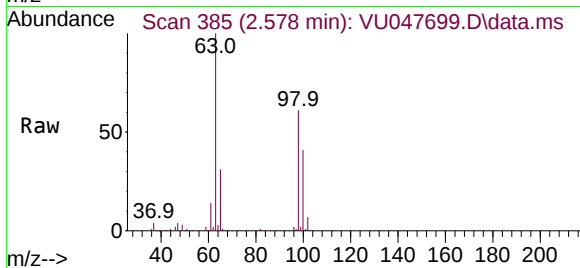
Tgt Ion: 96 Resp: 1526

Ion Ratio Lower Upper

96 100

61 881.1 113.1 210.1#

63 6438.4 94.8 176.0#



#17

trans-1,2-Dichloroethene

Concen: 1.626 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.006 min

Lab File: VU047699.D

Acq: 26 Mar 2022 11:34

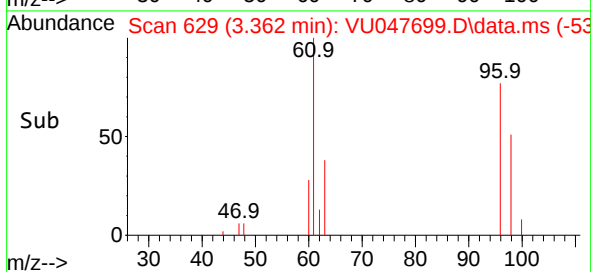
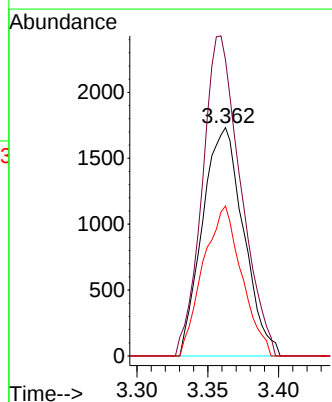
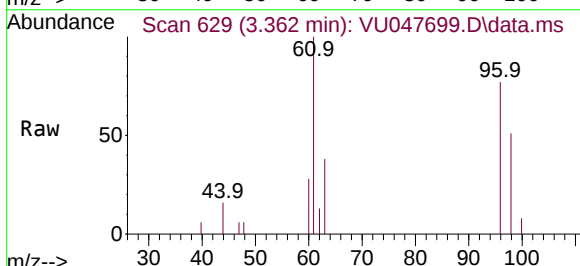
Tgt Ion: 96 Resp: 3491

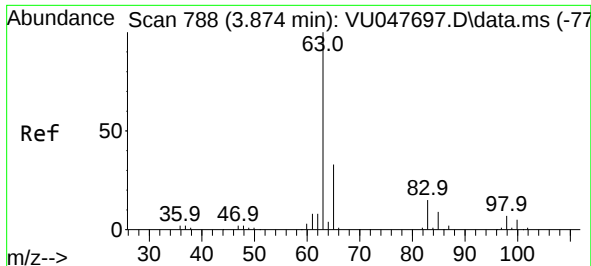
Ion Ratio Lower Upper

96 100

61 129.7 88.4 164.2

98 65.6 43.3 80.5





#19

1,1-Dichloroethane

Concen: 34.234 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047699.D

Acq: 26 Mar 2022 11:34

Instrument :

MSVOA_U

ClientSampleId :

EW600DL

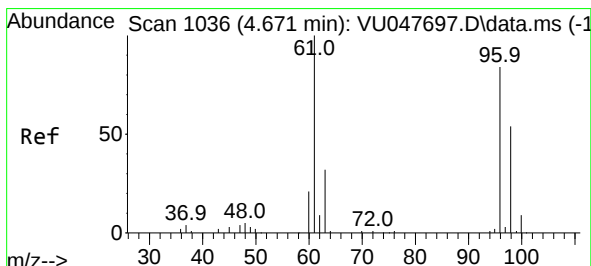
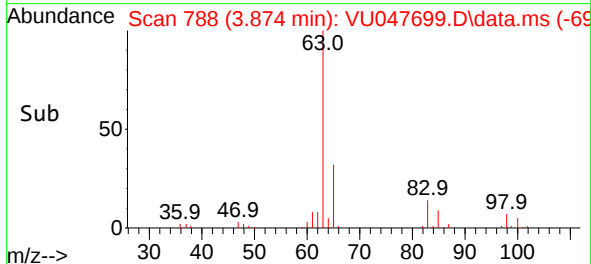
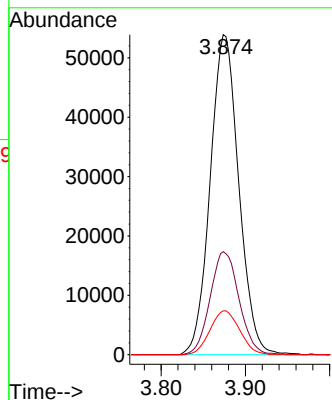
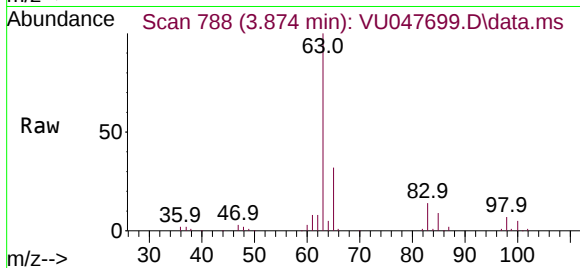
Tgt Ion: 63 Resp: 126748

Ion Ratio Lower Upper

63 100

65 32.2 22.0 41.0

83 13.7 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 49.571 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047699.D

Acq: 26 Mar 2022 11:34

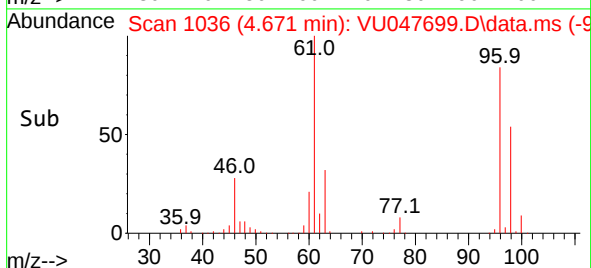
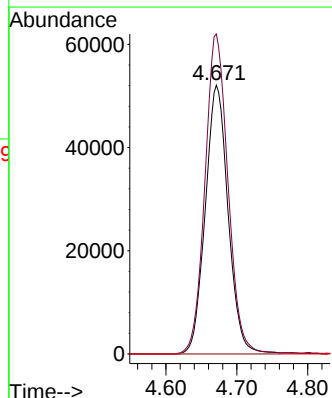
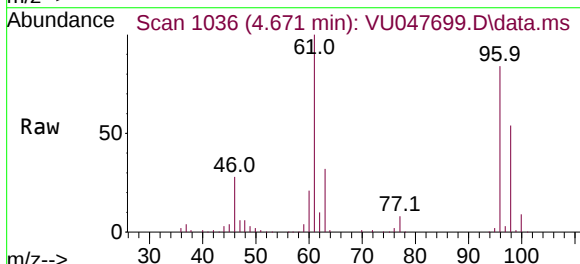
Tgt Ion: 96 Resp: 116666

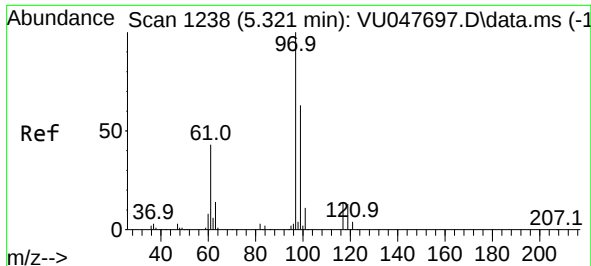
Ion Ratio Lower Upper

96 100

61 119.1 80.7 149.9

68 0.0 0.0 0.0

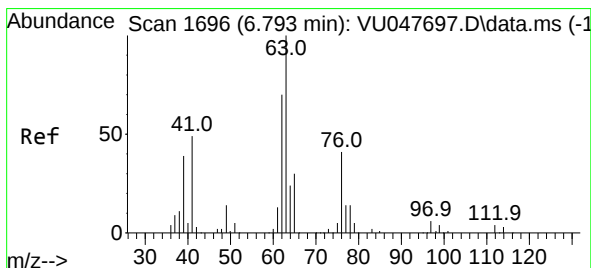
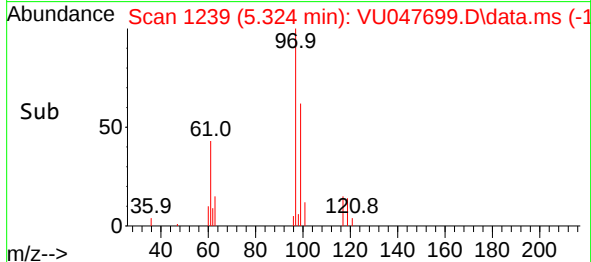
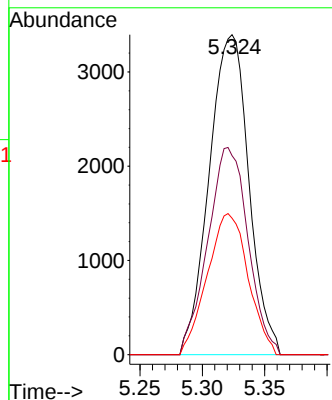
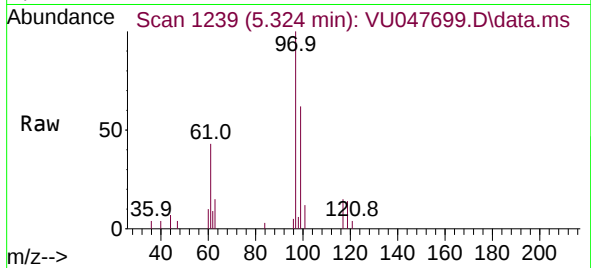




#30
1,1,1-Trichloroethane
Concen: 2.209 ug/L
RT: 5.324 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047699.D
Acq: 26 Mar 2022 11:34

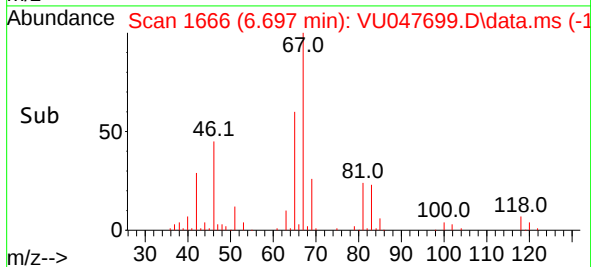
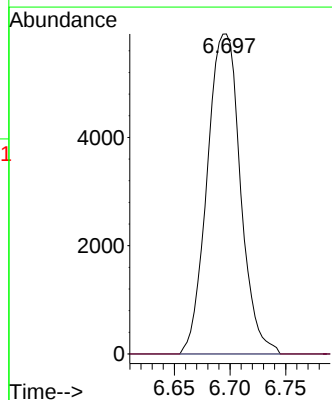
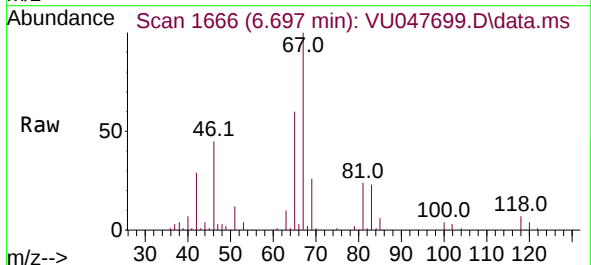
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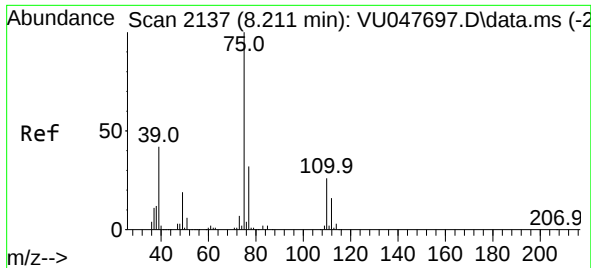
Tgt Ion: 97 Resp: 7526
Ion Ratio Lower Upper
97 100
99 65.7 51.6 77.4
61 45.4 34.2 51.4



#37
1,2-Dichloropropane
Concen: 5.562 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.097 min
Lab File: VU047699.D
Acq: 26 Mar 2022 11:34

Tgt Ion: 63 Resp: 12298
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#44
 trans-1,3-Dichloropropene
 Concen: 0.707 ug/L
 RT: 8.179 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: VU047699.D
 Acq: 26 Mar 2022 11:34

Instrument :
 MSVOA_U
 ClientSampleId :
 EW600DL

Tgt Ion: 75 Resp: 2422
 Ion Ratio Lower Upper
 75 100
 77 37.9 22.0 40.8

