

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046073.D
 Acq On : 03 Dec 2021 15:02
 Operator : SY/MD
 Sample : M4869-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 04 03:07:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

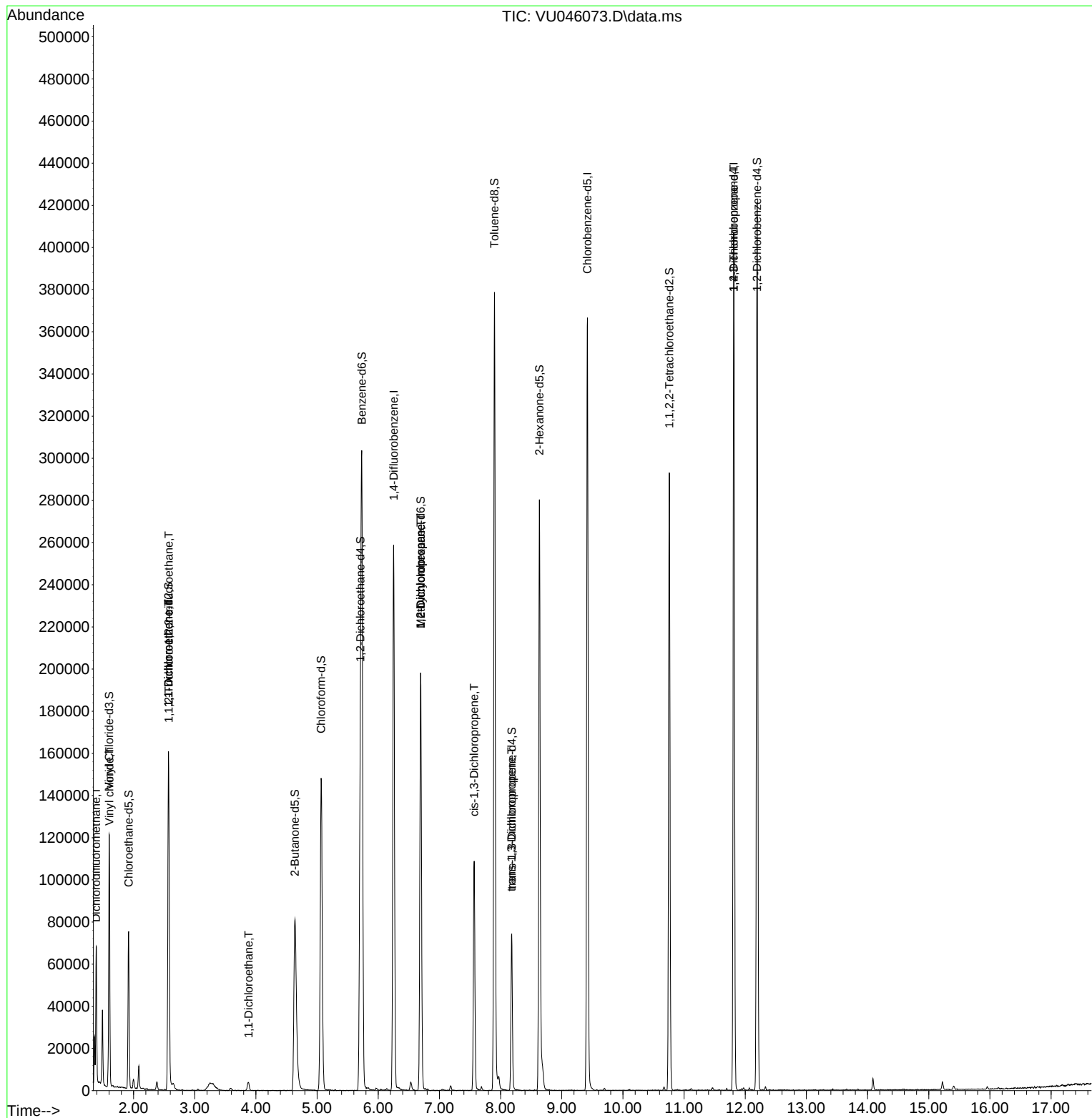
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	214143	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	213450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109063	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	63395	35.938	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.880%
7) Chloroethane-d5	1.919	69	55162	40.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.460%
11) 1,1-Dichloroethene-d2	2.571	63	95758	30.239	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.480%
21) 2-Butanone-d5	4.636	46	146077	104.170	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.170%
24) Chloroform-d	5.066	84	139376	47.314	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
26) 1,2-Dichloroethane-d4	5.706	65	96447	48.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.580%
32) Benzene-d6	5.732	84	287364	46.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.940%
36) 1,2-Dichloropropane-d6	6.693	67	94680	49.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.880%
41) Toluene-d8	7.899	98	259651	46.614	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.220%
43) trans-1,3-Dichloroprop...	8.182	79	42436	46.364	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.720%
47) 2-Hexanone-d5	8.635	63	100688	112.003	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.000%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	146661	51.005	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.020%
66) 1,2-Dichlorobenzene-d4	12.195	152	108740	51.772	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.540%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	18916	8.119	ug/L	100
5) Vinyl chloride	1.607	62	22131	10.533	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	948	0.608	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	630	0.425	ug/L #	1
19) 1,1-Dichloroethane	3.880	63	5300	1.860	ug/L	96
35) Methylcyclohexane	6.693	83	22541	8.542	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	10543	6.230	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2611	1.014	ug/L #	65
44) trans-1,3-Dichloropropene	8.179	75	1689	0.668	ug/L #	77
60) 1,2,3-Trichloropropane	11.812	75	13184	5.515	ug/L #	64

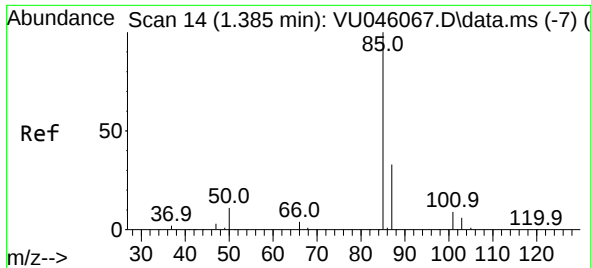
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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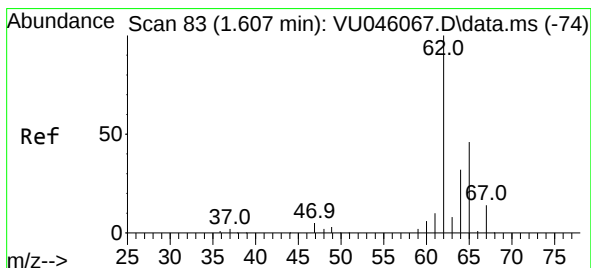
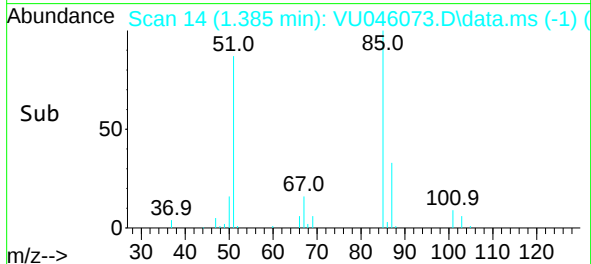
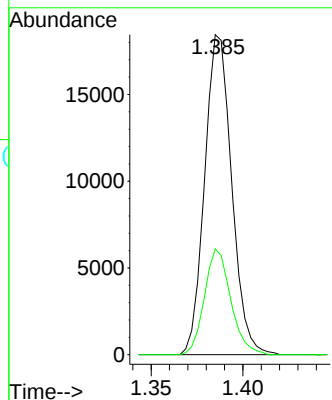
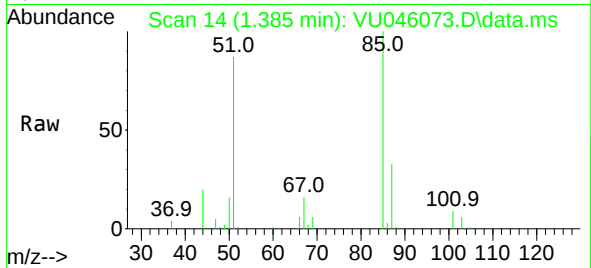




#2
Dichlorodifluoromethane
Concen: 8.119 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU046073.D
Acq: 03 Dec 2021 15:02

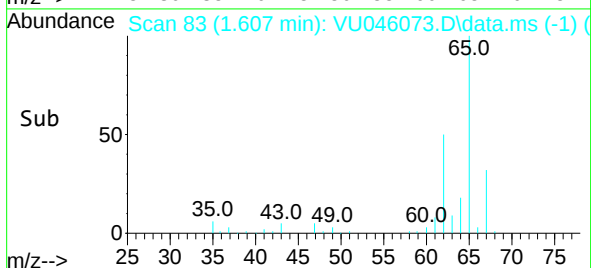
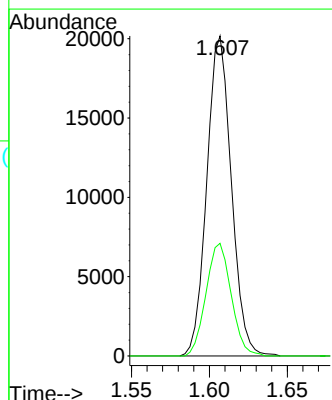
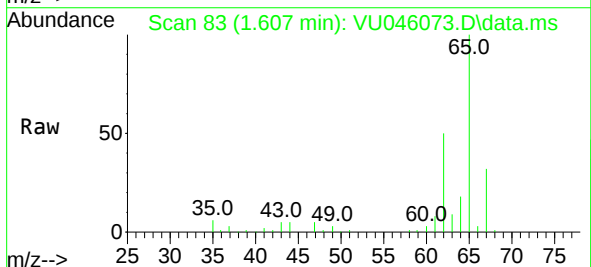
Instrument :
MSVOA_U
ClientSampleId :

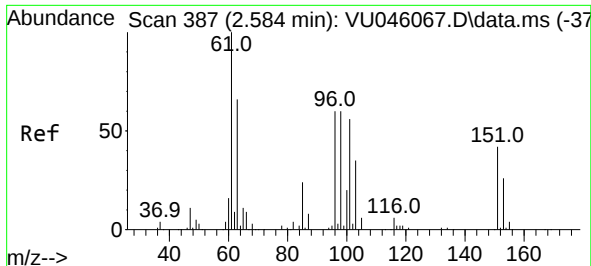
Tgt Ion: 85 Resp: 18916
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#5
Vinyl chloride
Concen: 10.533 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU046073.D
Acq: 03 Dec 2021 15:02

Tgt Ion: 62 Resp: 22131
Ion Ratio Lower Upper
62 100
64 35.2 22.9 42.5

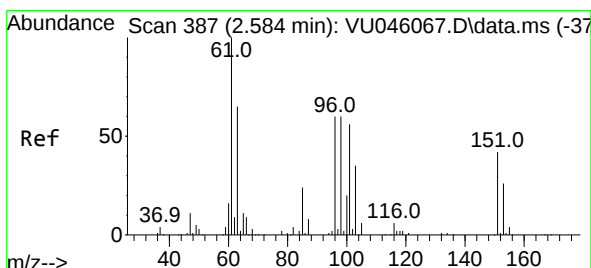
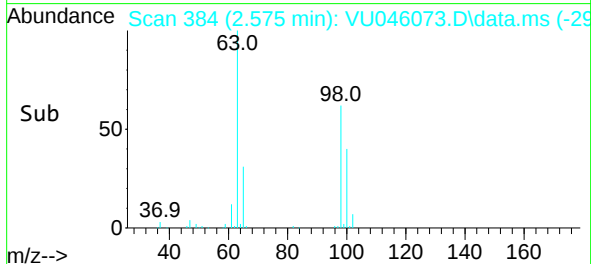
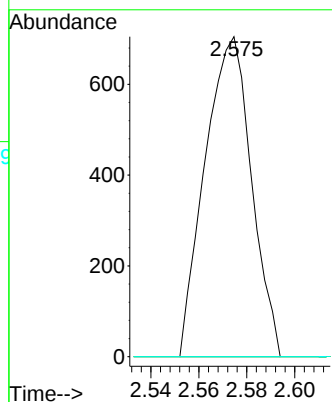
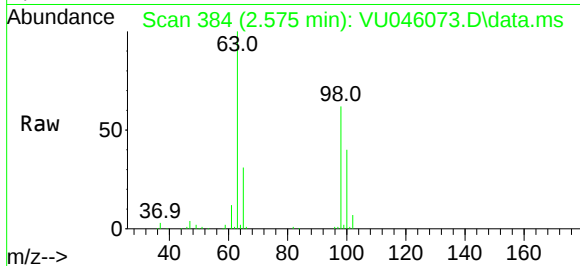




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.608 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046073.D
Acq: 03 Dec 2021 15:02

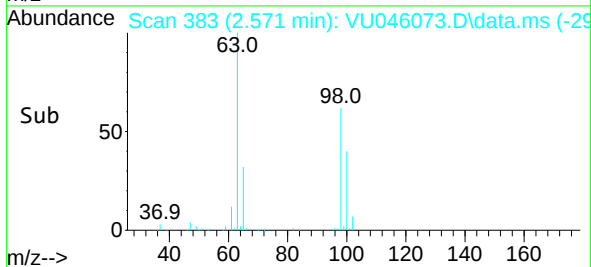
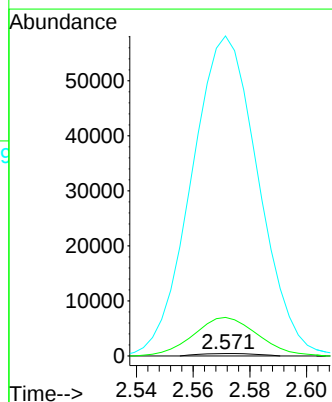
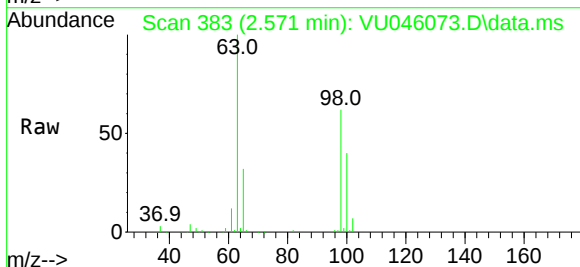
Instrument :
MSVOA_U
ClientSampleId :

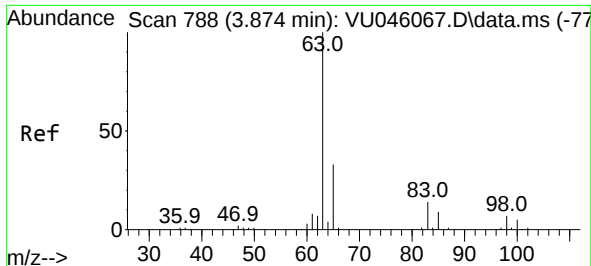
Tgt Ion:101 Resp: 948
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.425 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046073.D
Acq: 03 Dec 2021 15:02

Tgt Ion: 96 Resp: 630
Ion Ratio Lower Upper
96 100
61 1601.8 118.6 220.2#
63 13276.7 93.0 172.8#





#19

1,1-Dichloroethane

Concen: 1.860 ug/L

RT: 3.880 min Scan# 79

Delta R.T. 0.003 min

Lab File: VU046073.D

Acq: 03 Dec 2021 15:02

Instrument :

MSVOA_U

ClientSampleId :

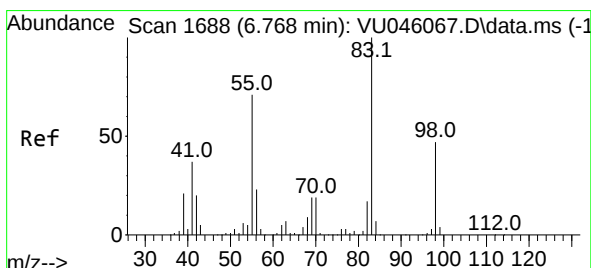
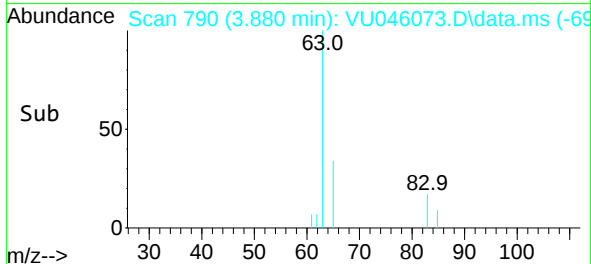
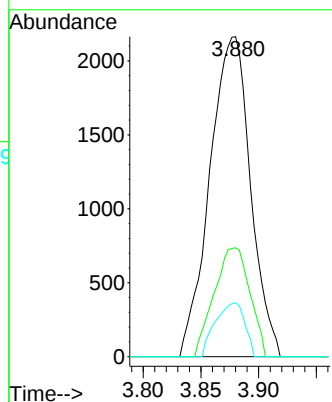
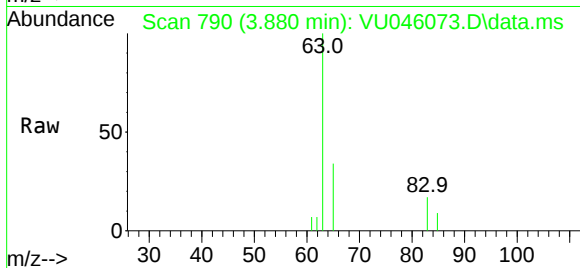
Tgt Ion: 63 Resp: 5300

Ion Ratio Lower Upper

63 100

65 34.1 22.8 42.4

83 16.9 9.6 17.8



#35

Methylcyclohexane

Concen: 8.542 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046073.D

Acq: 03 Dec 2021 15:02

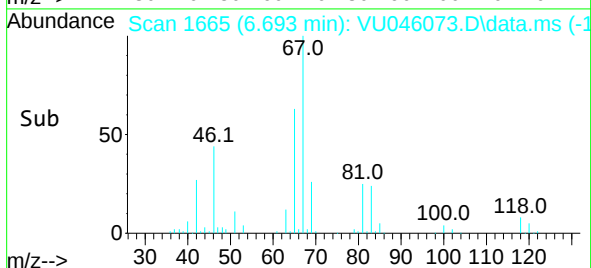
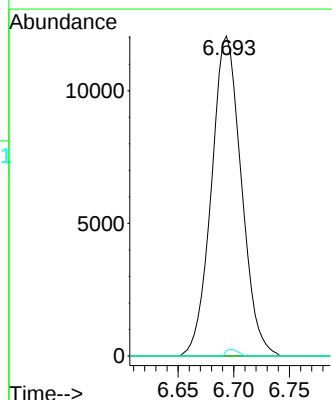
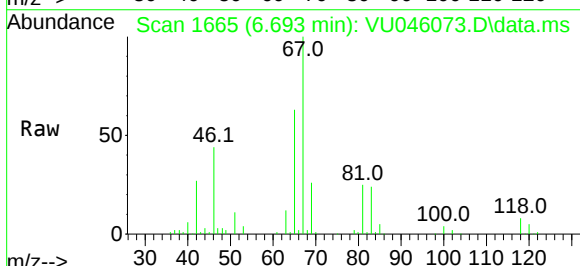
Tgt Ion: 83 Resp: 22541

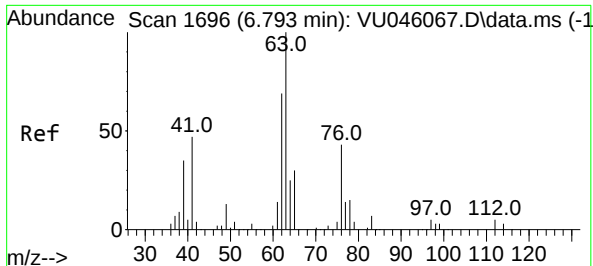
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.8 38.4 57.6#

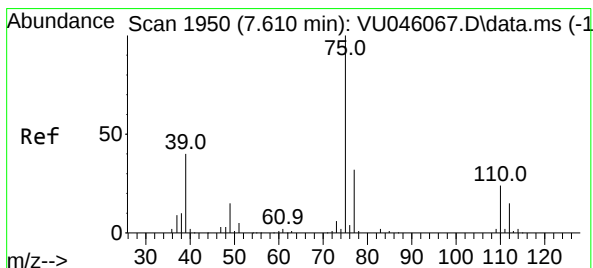
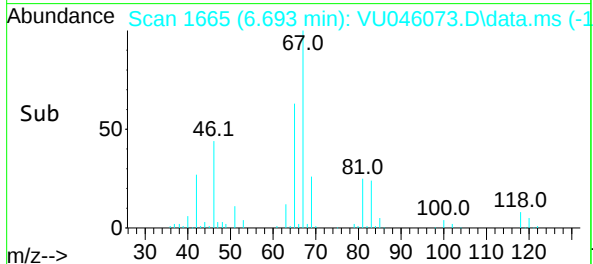
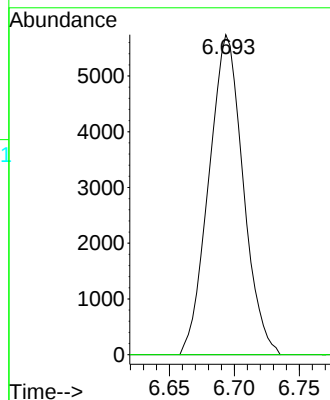
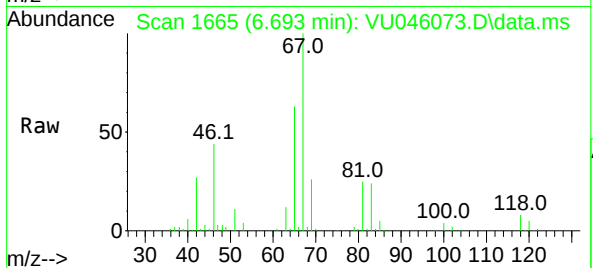




#37
1,2-Dichloropropane
Concen: 6.230 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU046073.D
Acq: 03 Dec 2021 15:02

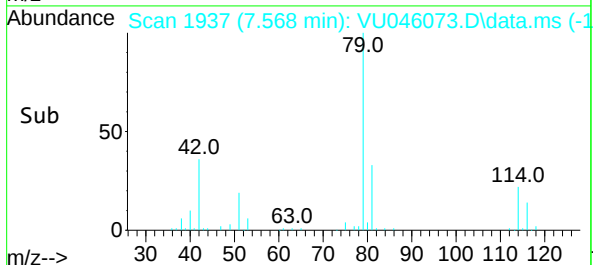
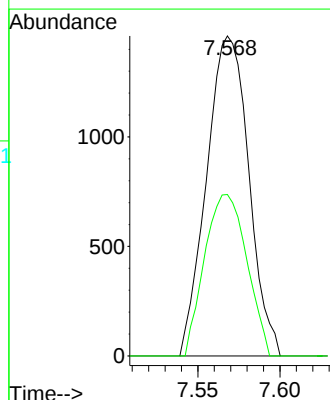
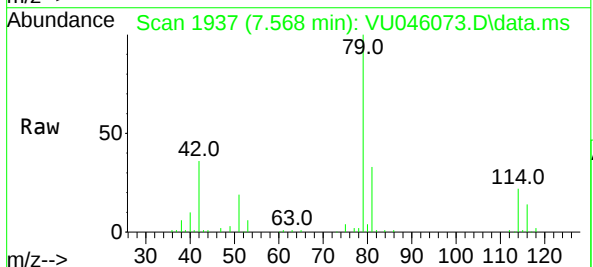
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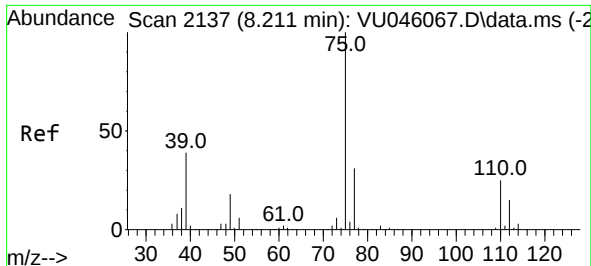
Tgt Ion: 63 Resp: 10543
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.014 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046073.D
Acq: 03 Dec 2021 15:02

Tgt Ion: 75 Resp: 2611
Ion Ratio Lower Upper
75 100
77 50.4 21.8 40.6#

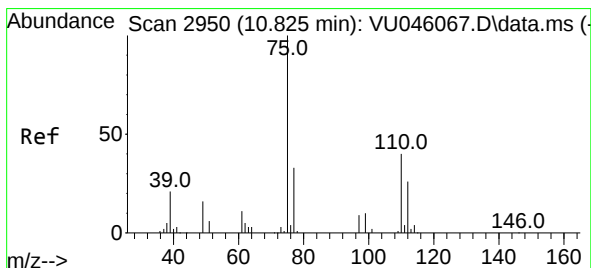
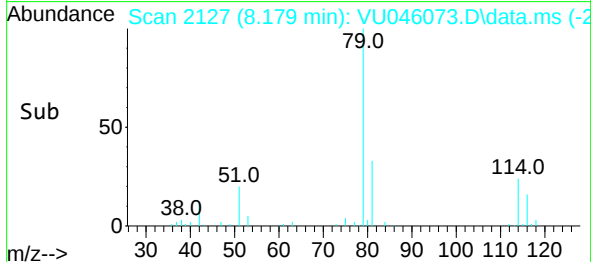
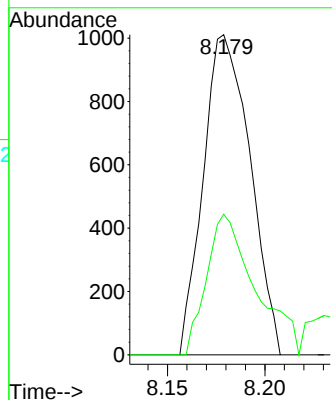
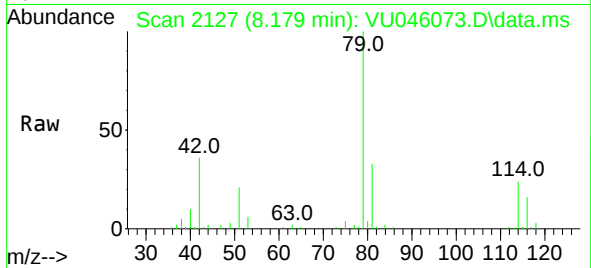




#44
trans-1,3-Dichloropropene
Concen: 0.668 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.036 min
Lab File: VU046073.D
Acq: 03 Dec 2021 15:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1689
Ion Ratio Lower Upper
75 100
77 43.9 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.515 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046073.D
Acq: 03 Dec 2021 15:02

Tgt Ion: 75 Resp: 13184
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
110 1.9 32.4 48.6#

