

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
 Data File : VU046581.D
 Acq On : 23 Dec 2021 21:25
 Operator : SY/MD
 Sample : M5175-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 24 04:58:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 24 04:54:59 2021
 Response via : Initial Calibration

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

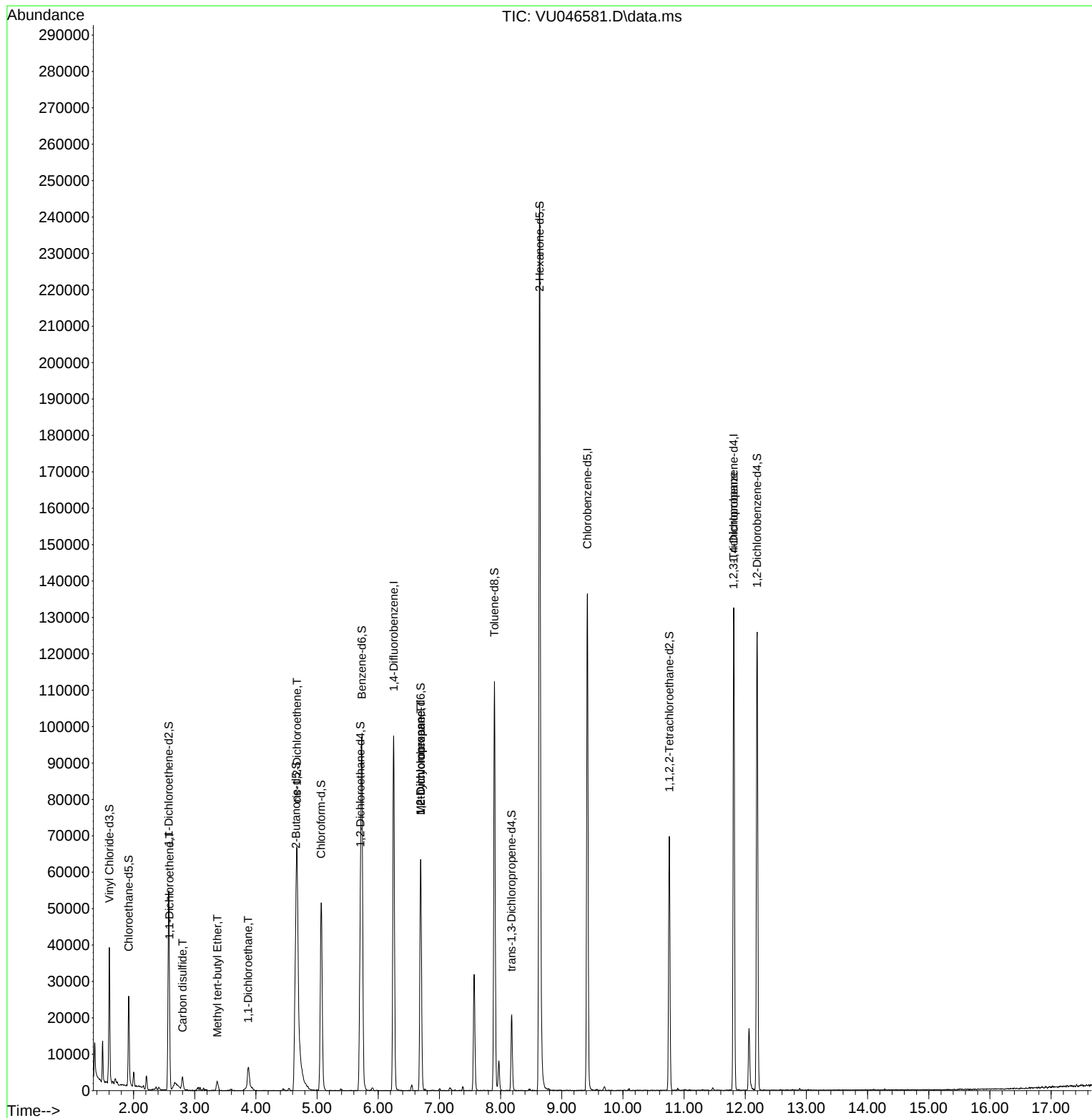
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	79693	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	77394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21469	3.420	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.919	69	19226	3.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.575	65	9719	3.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.655	46	102616	56.358	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.720%
24) Chloroform-d	5.067	84	50631	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.706	65	30898	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.732	84	90809	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.693	67	29623	4.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.899	98	74208	3.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.179	79	12080	4.029	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.639	63	97056	55.134	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.260%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33476	5.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	33086	5.081	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
12) 1,1-Dichloroethene	2.588	96	2202	0.314	ug/L #	1
14) Carbon disulfide	2.800	76	4656	0.203	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	2074	0.101	ug/L #	57
19) 1,1-Dichloroethane	3.874	63	7076	0.514	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	19480	2.383	ug/L	95
35) Methylcyclohexane	6.693	83	7566	0.662	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	3462	0.441	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	4094	0.697	ug/L #	66

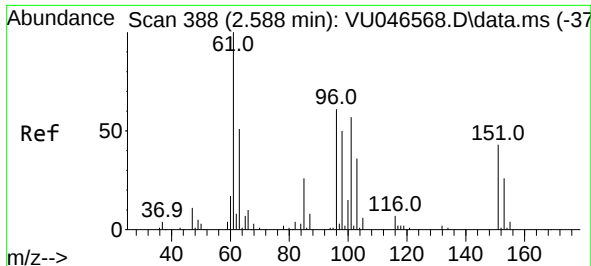
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.314 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046581.D

Acq: 23 Dec 2021 21:25

Instrument :

MSVOA_U

ClientSampleId :

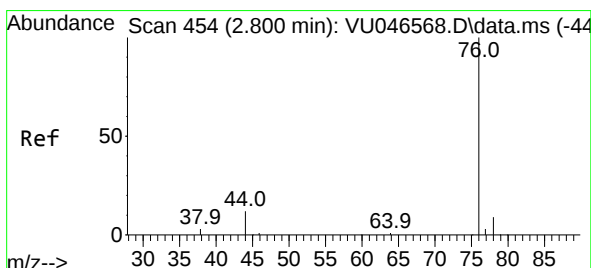
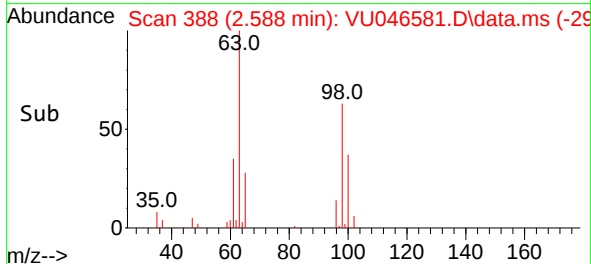
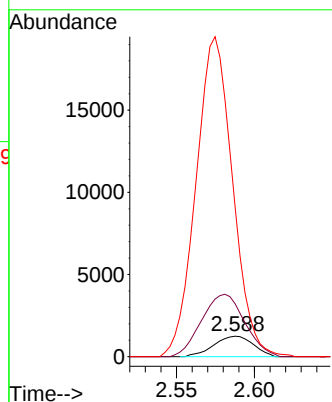
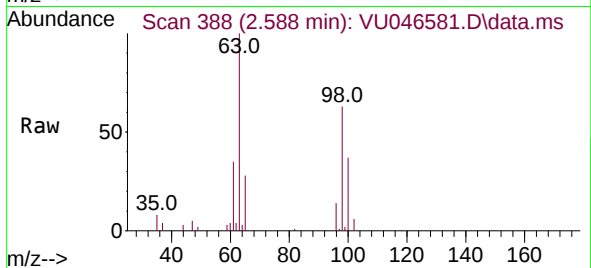
Tgt Ion: 96 Resp: 2202

Ion Ratio Lower Upper

96 100

61 258.2 124.7 231.5#

63 731.5 105.2 195.4#



#14

Carbon disulfide

Concen: 0.203 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046581.D

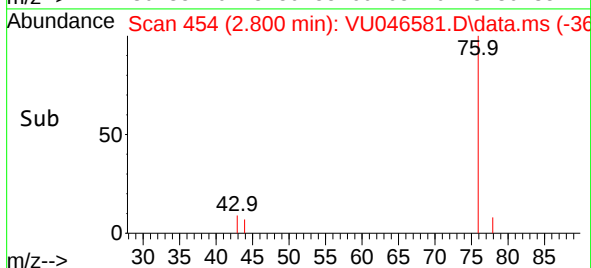
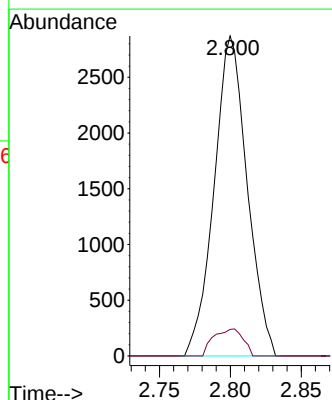
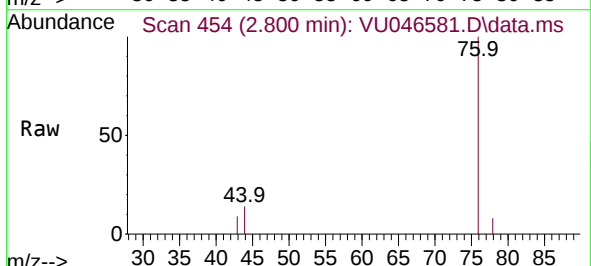
Acq: 23 Dec 2021 21:25

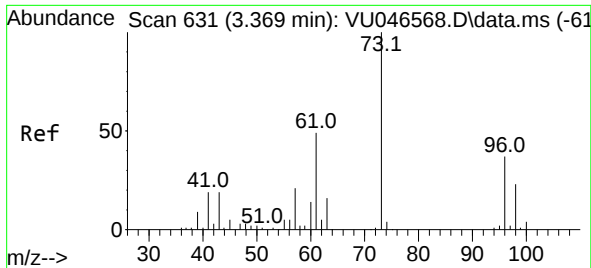
Tgt Ion: 76 Resp: 4656

Ion Ratio Lower Upper

76 100

78 8.3 7.5 11.3

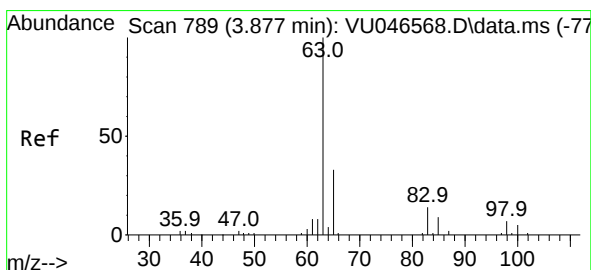
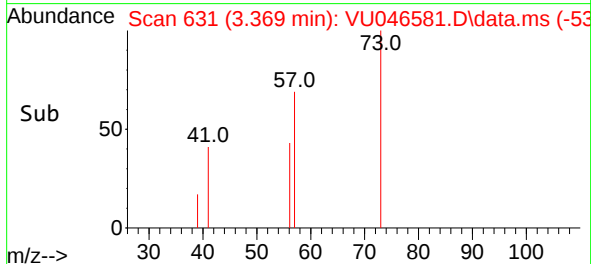
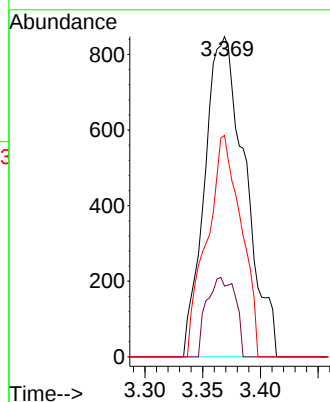
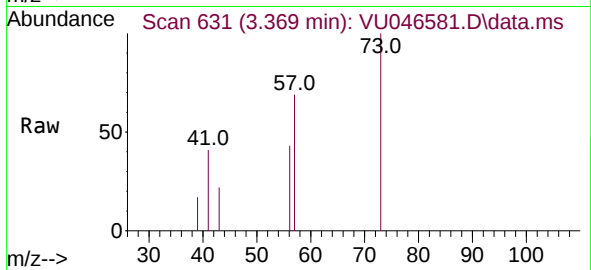




#17
Methyl tert-butyl Ether
Concen: 0.101 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046581.D
Acq: 23 Dec 2021 21:25

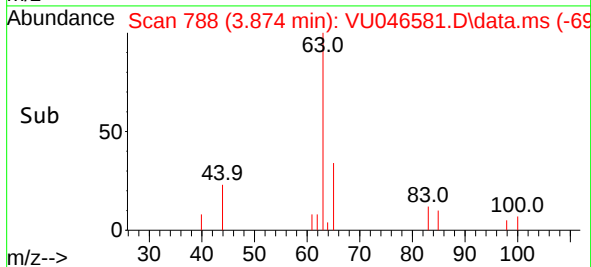
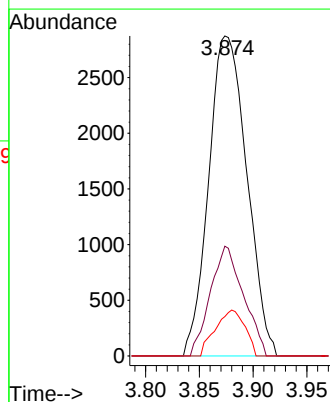
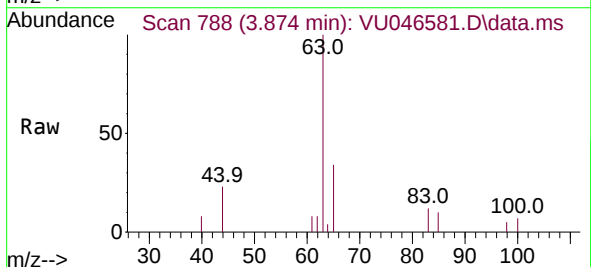
Instrument :
MSVOA_U
ClientSampleId :

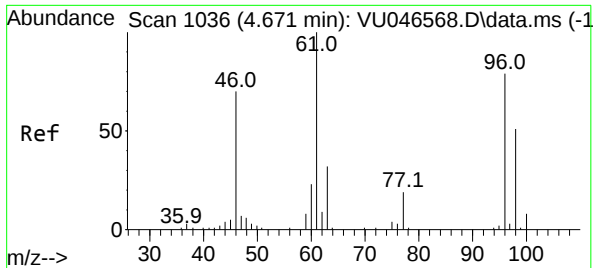
Tgt Ion: 73 Resp: 2074
Ion Ratio Lower Upper
73 100
43 17.3 14.8 22.2
57 58.2 17.4 26.0#



#19
1,1-Dichloroethane
Concen: 0.514 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU046581.D
Acq: 23 Dec 2021 21:25

Tgt Ion: 63 Resp: 7076
Ion Ratio Lower Upper
63 100
65 34.3 22.3 41.5
83 12.3 9.6 17.8

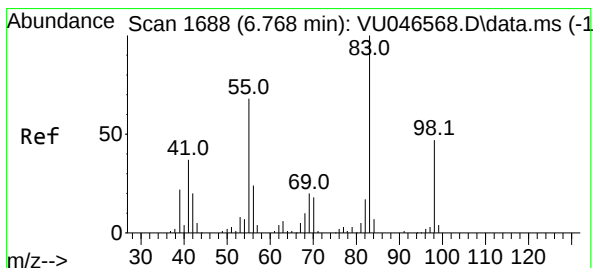
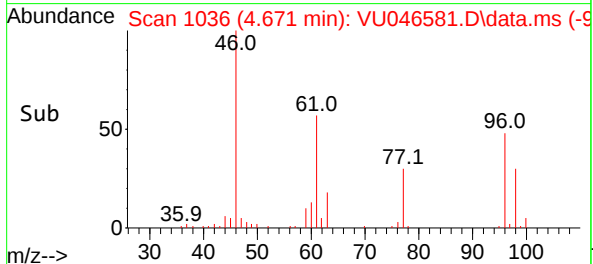
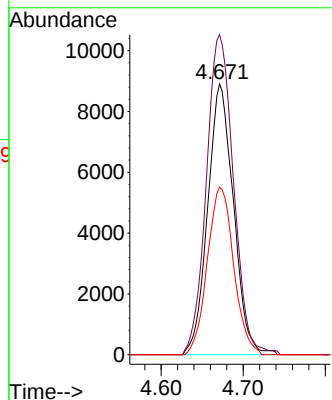
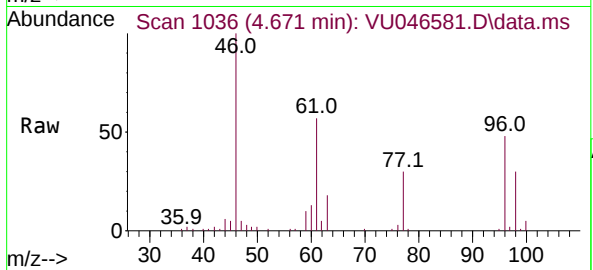




#22
 cis-1,2-Dichloroethene
 Concen: 2.383 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU046581.D
 Acq: 23 Dec 2021 21:25

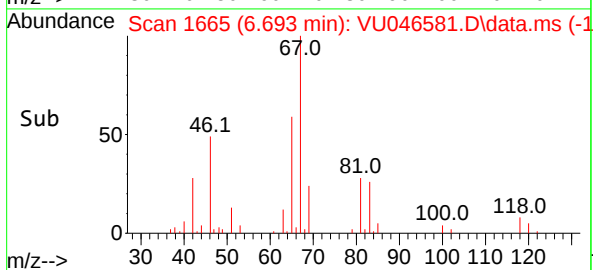
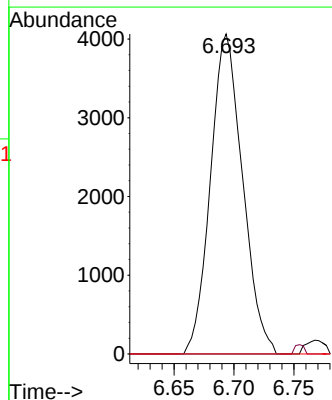
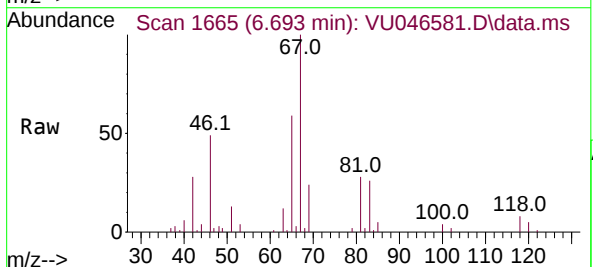
Instrument :
 MSVOA_U
 ClientSampleId :

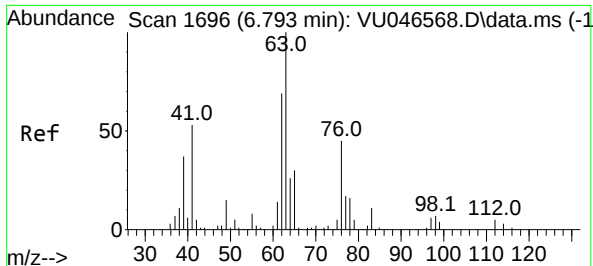
Tgt Ion: 96 Resp: 19480
 Ion Ratio Lower Upper
 96 100
 61 118.2 88.5 164.3
 98 61.9 44.4 82.5



#35
 Methylcyclohexane
 Concen: 0.662 ug/L
 RT: 6.693 min Scan# 1665
 Delta R.T. -0.074 min
 Lab File: VU046581.D
 Acq: 23 Dec 2021 21:25

Tgt Ion: 83 Resp: 7566
 Ion Ratio Lower Upper
 83 100
 55 0.8 61.9 92.9#
 98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.441 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046581.D

Acq: 23 Dec 2021 21:25

Instrument :

MSVOA_U

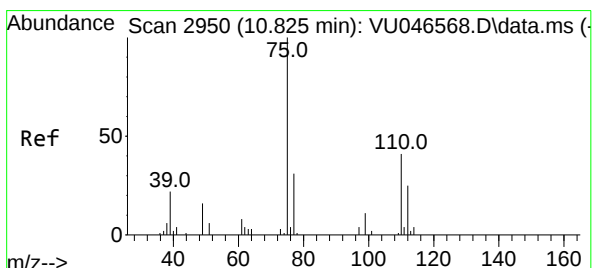
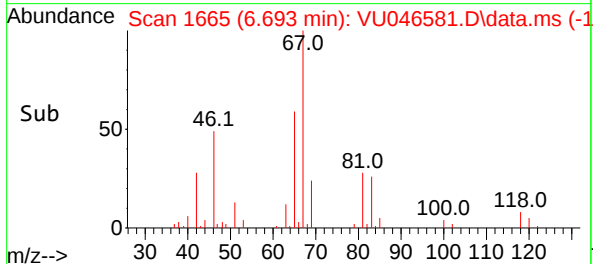
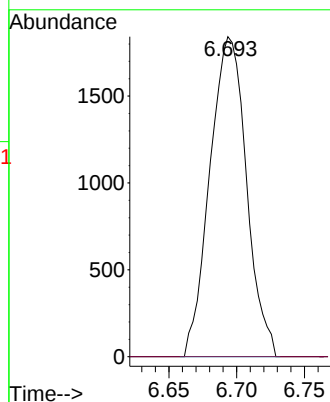
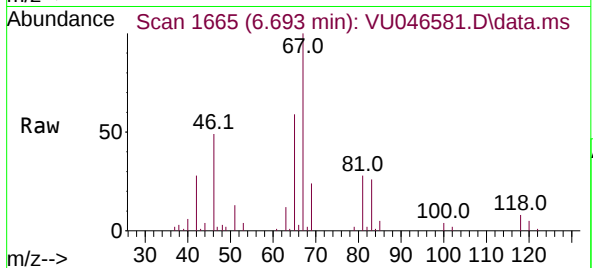
ClientSampleId :

Tgt Ion: 63 Resp: 3462

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#61

1,2,3-Trichloropropane

Concen: 0.697 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.984 min

Lab File: VU046581.D

Acq: 23 Dec 2021 21:25

Tgt Ion: 75 Resp: 4094

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 32.1 25.5 38.3

