

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U081322\
 Data File : VU050323.D
 Acq On : 13 Aug 2022 17:04
 Operator : SY/MD
 Sample : N4072-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX2

Quant Time: Aug 14 01:28:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Aug 14 01:24:58 2022
 Response via : Initial Calibration

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

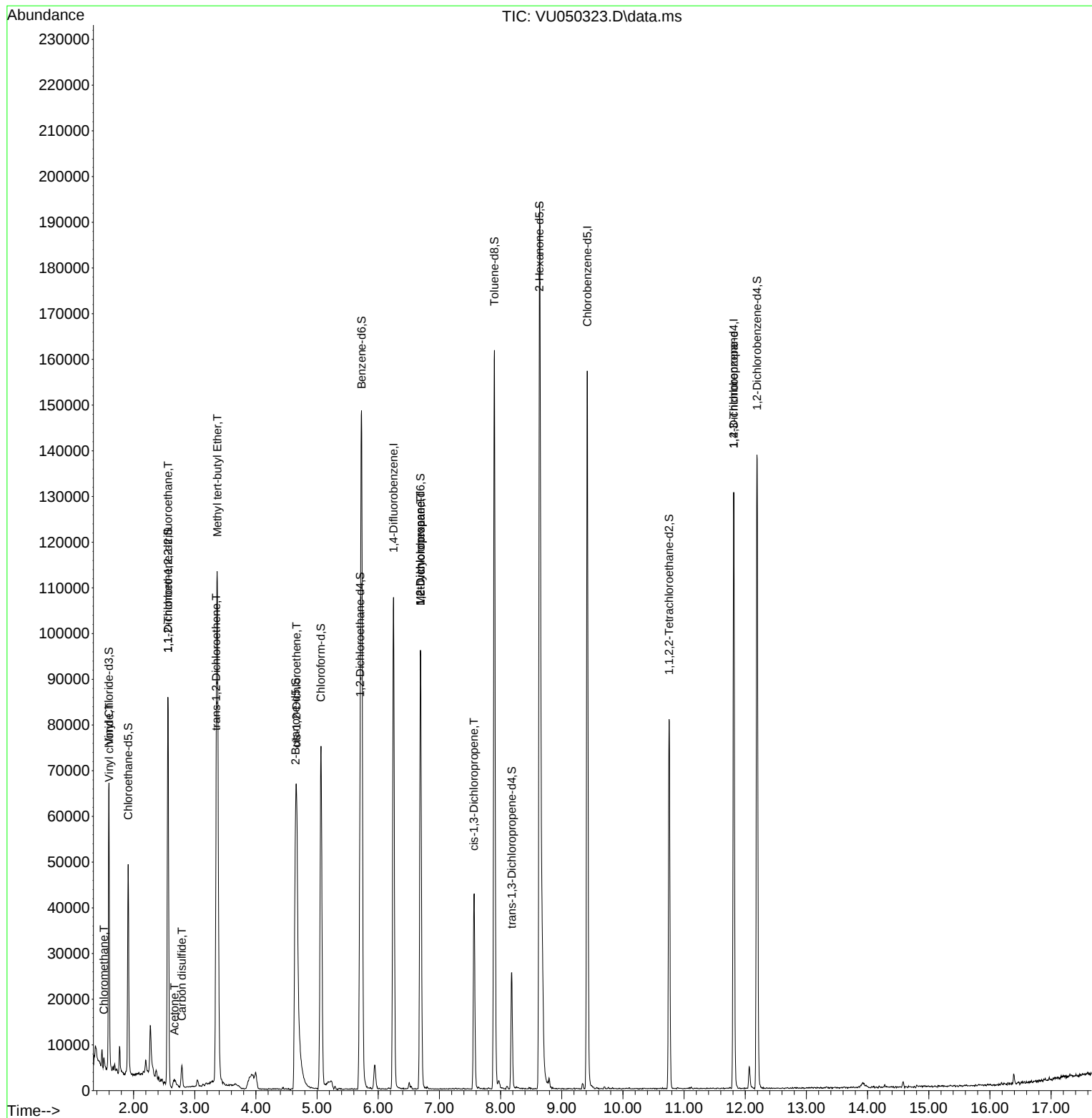
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	88999	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	42210	5.699	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.000%
7) Chloroethane-d5	1.913	69	33916	5.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.600%
11) 1,1-Dichloroethene-d2	2.562	65	16300	5.631	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.600%
20) 2-Butanone-d5	4.649	46	115189	63.776	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.560%
24) Chloroform-d	5.064	84	70788	5.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.703	65	37496	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.729	84	139756	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.690	67	48201	5.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.899	98	108711	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.182	79	15737	4.753	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.636	63	64237	54.711	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.420%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	42539	5.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	38020	5.573	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						Qvalue
3) Chloromethane	1.517	50	2035	0.191	ug/L	92
5) Vinyl chloride	1.601	62	4598	0.481	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	469	0.081	ug/L #	45
13) Acetone	2.668	43	3941	3.918	ug/L	85
14) Carbon disulfide	2.790	76	6665	0.303	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	114428	7.127	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	6436	0.934	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	14231	1.861	ug/L	98
35) Methylcyclohexane	6.690	83	10918	1.110	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	4781	0.570	ug/L #	92
39) cis-1,3-Dichloropropene	7.565	75	1057	0.097	ug/L #	56
61) 1,2,3-Trichloropropane	11.812	75	4284	0.903	ug/L #	67

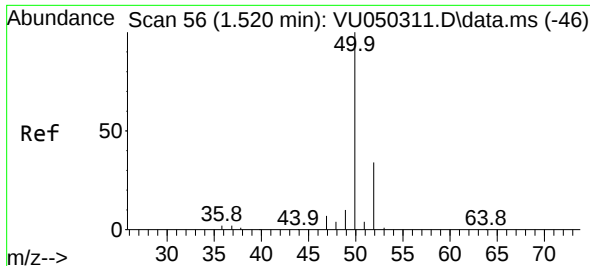
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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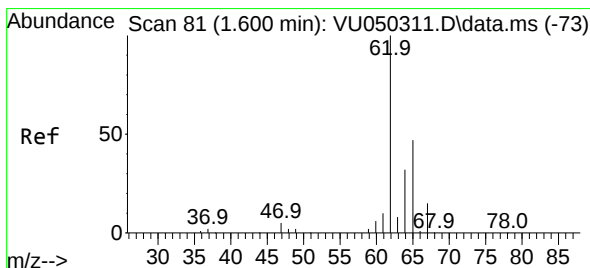
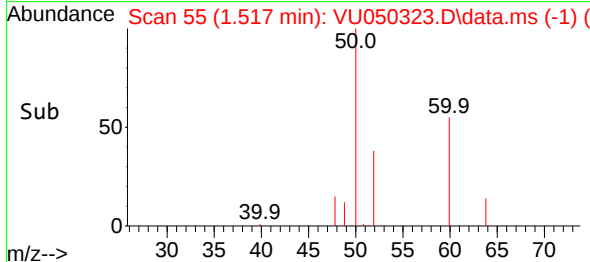
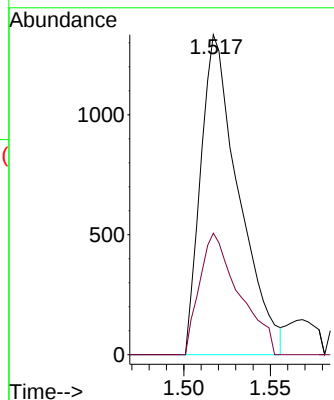
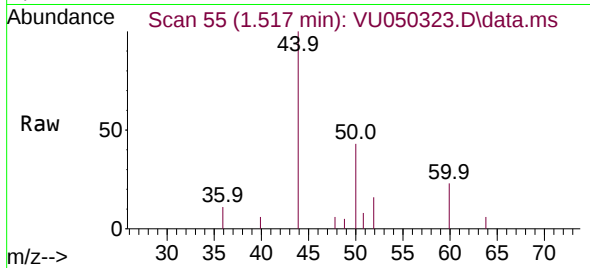




#3
Chloromethane
Concen: 0.191 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050323.D
Acq: 13 Aug 2022 17:04

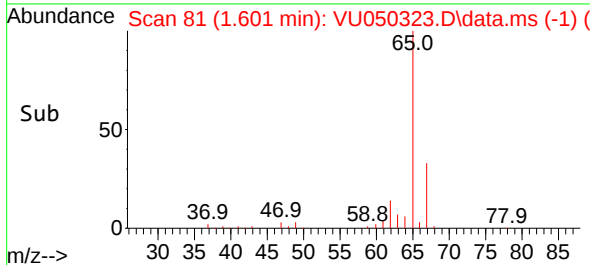
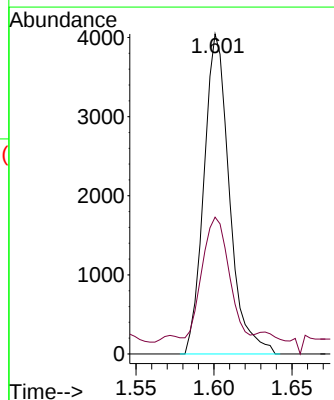
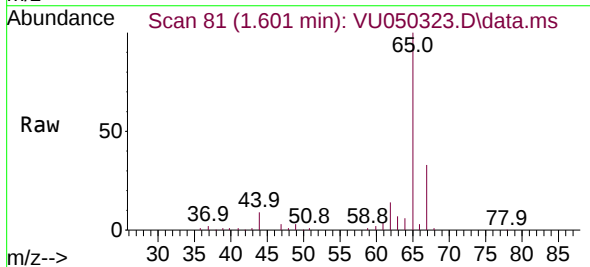
Instrument :
MSVOA_U
ClientSampleId :
DBUX2

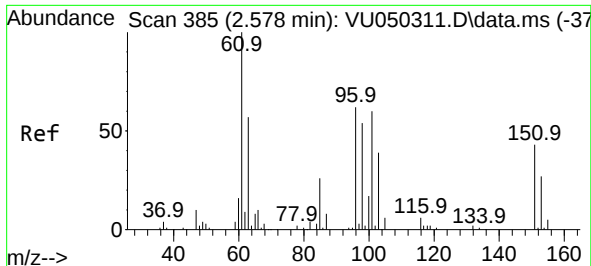
Tgt Ion: 50 Resp: 2035
Ion Ratio Lower Upper
50 100
52 37.9 23.2 43.2



#5
Vinyl chloride
Concen: 0.481 ug/L
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU050323.D
Acq: 13 Aug 2022 17:04

Tgt Ion: 62 Resp: 4598
Ion Ratio Lower Upper
62 100
64 42.8 22.8 42.4#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.081 ug/L

RT: 2.562 min Scan# 385

Delta R.T. -0.016 min

Lab File: VU050323.D

Acq: 13 Aug 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

DBUX2

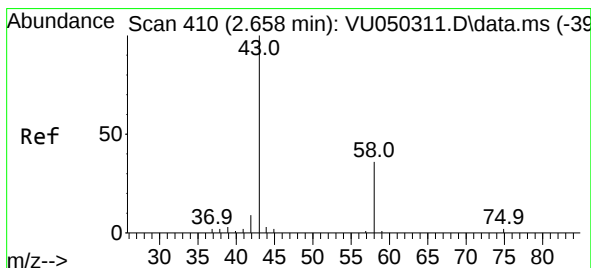
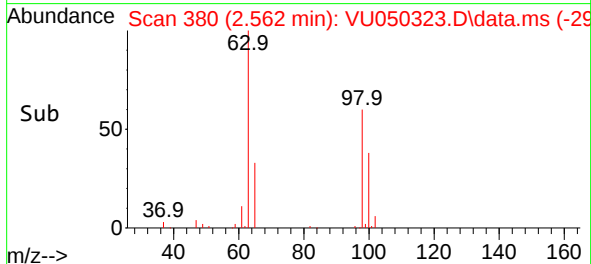
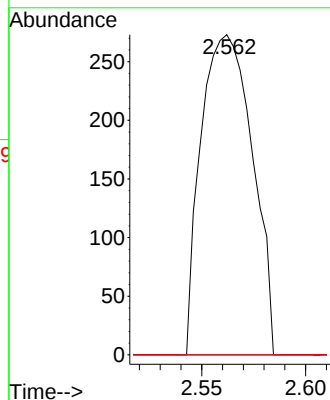
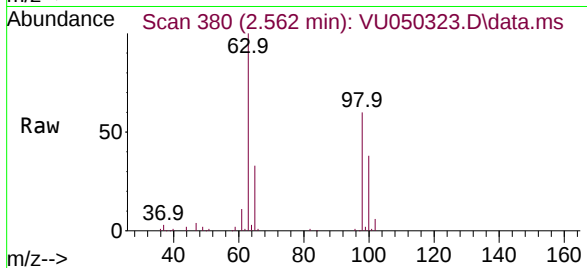
Tgt Ion:101 Resp: 469

Ion Ratio Lower Upper

101 100

85 38.8 35.6 53.4

151 0.0 55.2 82.8#



#13

Acetone

Concen: 3.918 ug/L

RT: 2.668 min Scan# 413

Delta R.T. 0.010 min

Lab File: VU050323.D

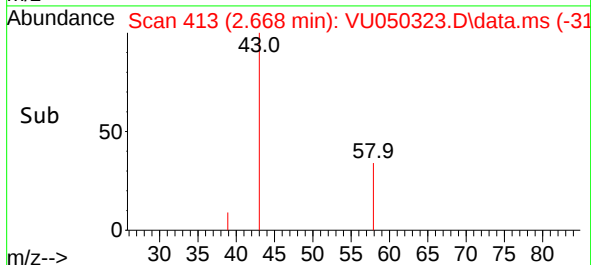
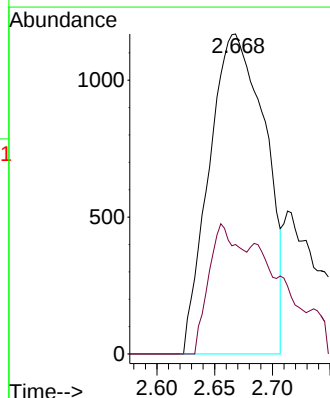
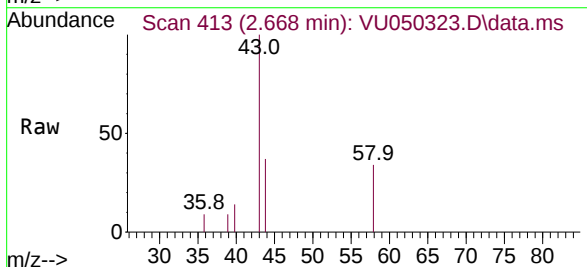
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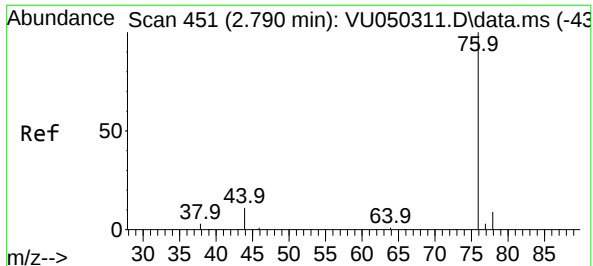
Tgt Ion: 43 Resp: 3941

Ion Ratio Lower Upper

43 100

58 23.9 0.0 64.0





#14

Carbon disulfide

Concen: 0.303 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050323.D

Acq: 13 Aug 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

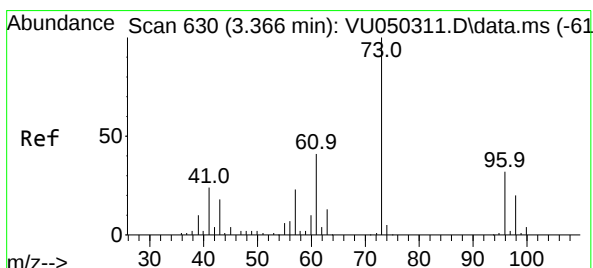
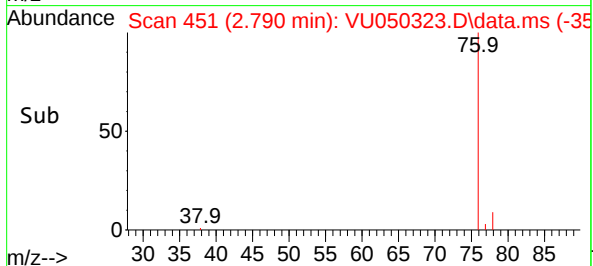
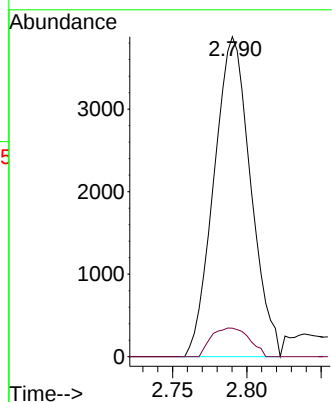
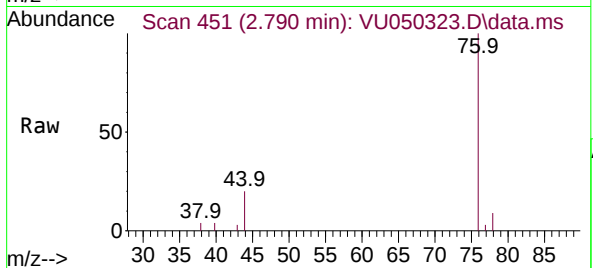
DBUX2

Tgt Ion: 76 Resp: 6665

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



#17

Methyl tert-butyl Ether

Concen: 7.127 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.003 min

Lab File: VU050323.D

Acq: 13 Aug 2022 17:04

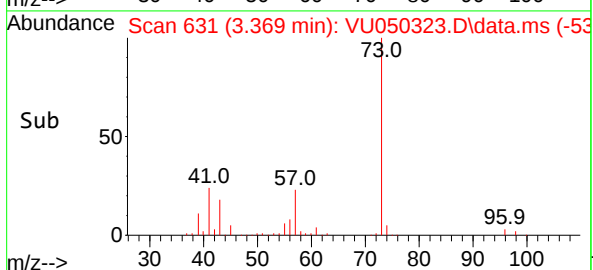
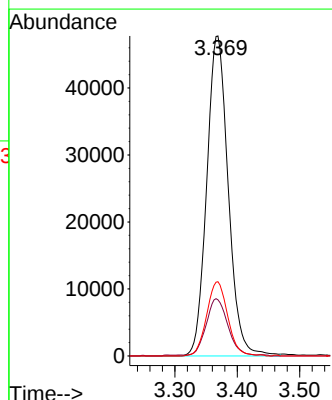
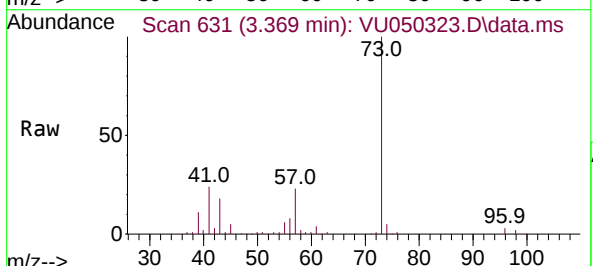
Tgt Ion: 73 Resp: 114428

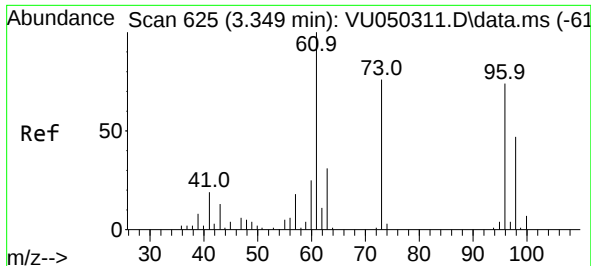
Ion Ratio Lower Upper

73 100

43 17.5 13.5 20.3

57 22.7 17.4 26.2

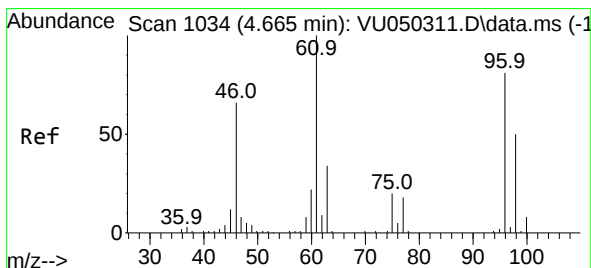
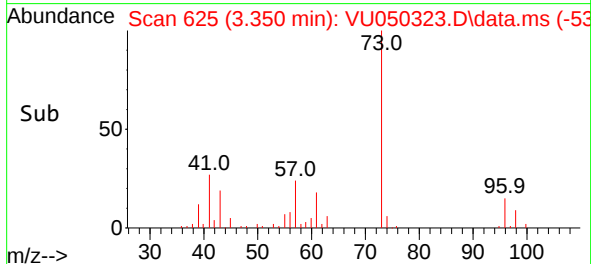
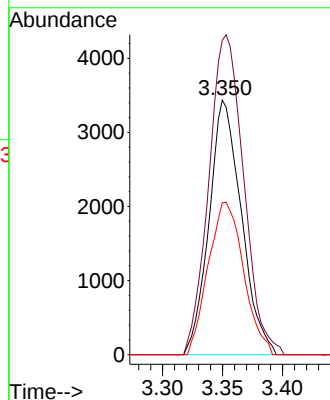
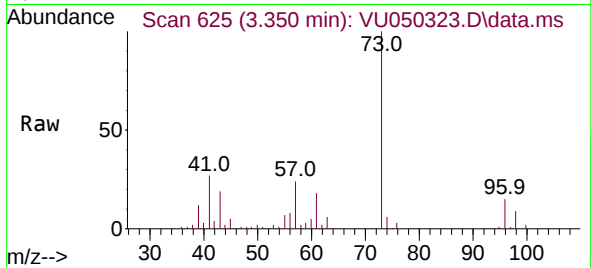




#18
trans-1,2-Dichloroethene
Concen: 0.934 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050323.D
Acq: 13 Aug 2022 17:04

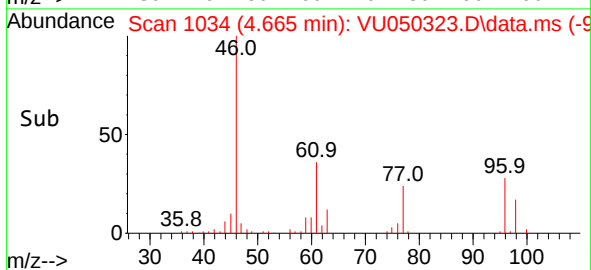
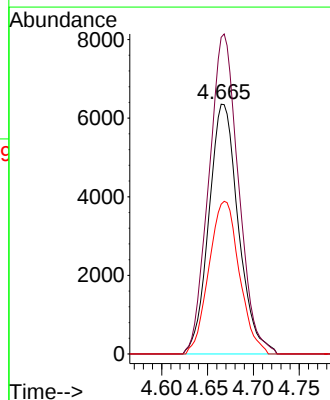
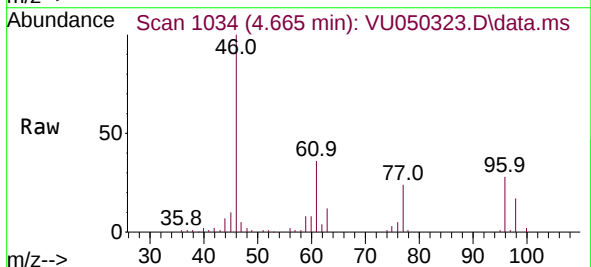
Instrument :
MSVOA_U
ClientSampleId :
DBUX2

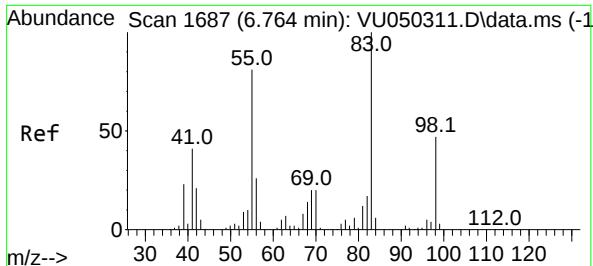
Tgt Ion: 96 Resp: 6436
Ion Ratio Lower Upper
96 100
61 123.6 92.3 171.5
98 59.7 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 1.861 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050323.D
Acq: 13 Aug 2022 17:04

Tgt Ion: 96 Resp: 14231
Ion Ratio Lower Upper
96 100
61 126.8 89.0 165.4
98 60.0 45.2 84.0

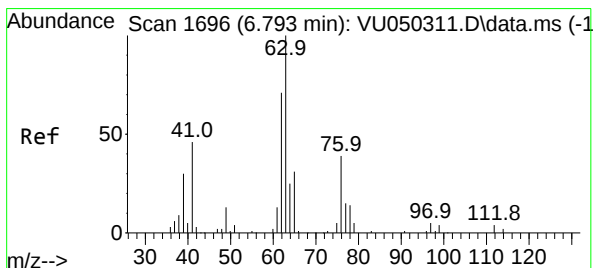
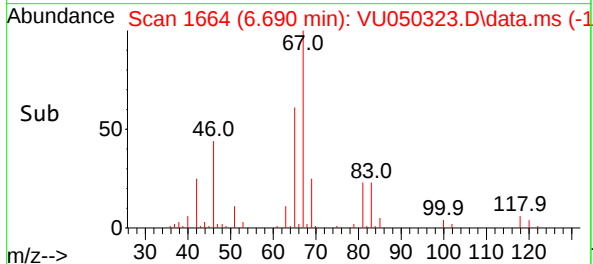
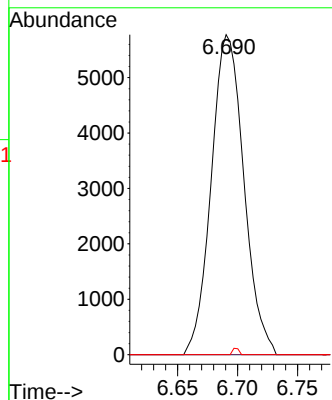
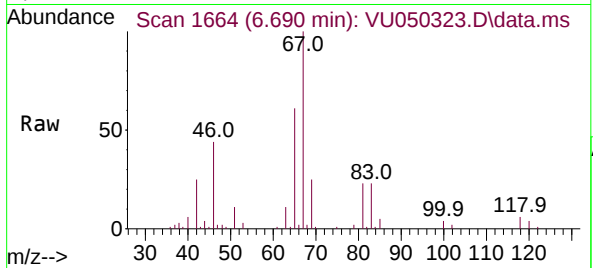




#35
Methylcyclohexane
Concen: 1.110 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050323.D
Acq: 13 Aug 2022 17:04

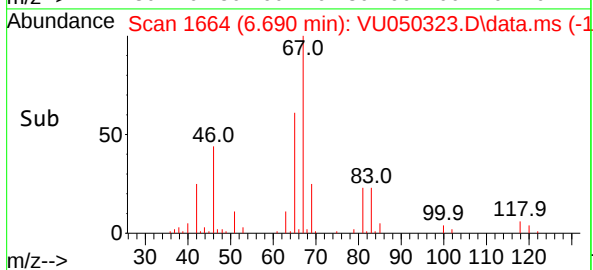
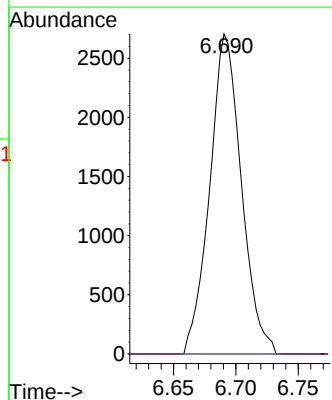
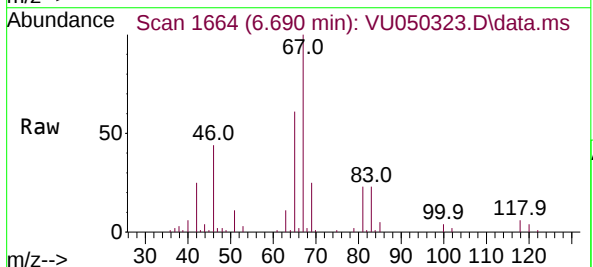
Instrument :
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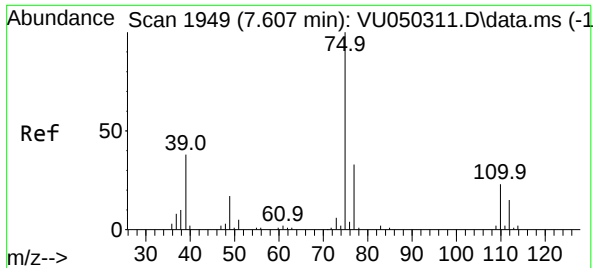
Tgt Ion: 83 Resp: 10918
Ion Ratio Lower Upper
83 100
55 1.8 62.7 94.1#
98 0.4 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU050323.D
Acq: 13 Aug 2022 17:04

Tgt Ion: 63 Resp: 4781
Ion Ratio Lower Upper
63 100
112 1.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050323.D

Acq: 13 Aug 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

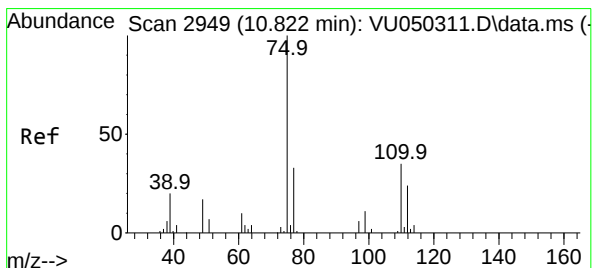
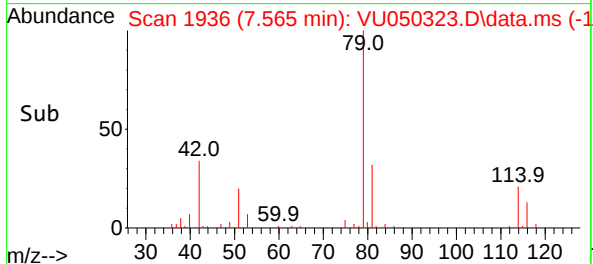
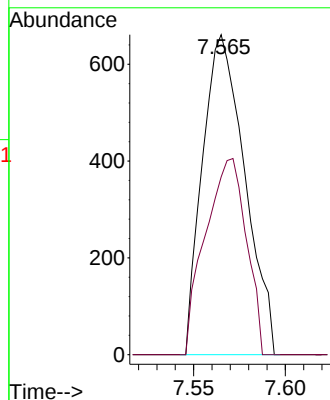
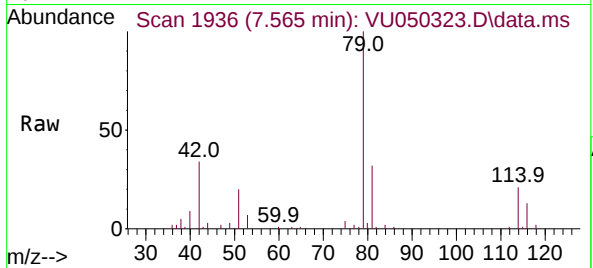
DBUX2

Tgt Ion: 75 Resp: 1057

Ion Ratio Lower Upper

75 100

77 55.5 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 0.903 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.991 min

Lab File: VU050323.D

Acq: 13 Aug 2022 17:04

Tgt Ion: 75 Resp: 4284

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 30.9 25.8 38.6

