

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050167.D
 Acq On : 09 Aug 2022 05:12
 Operator : SY/MD
 Sample : N4075-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX8

Quant Time: Aug 09 07:01:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

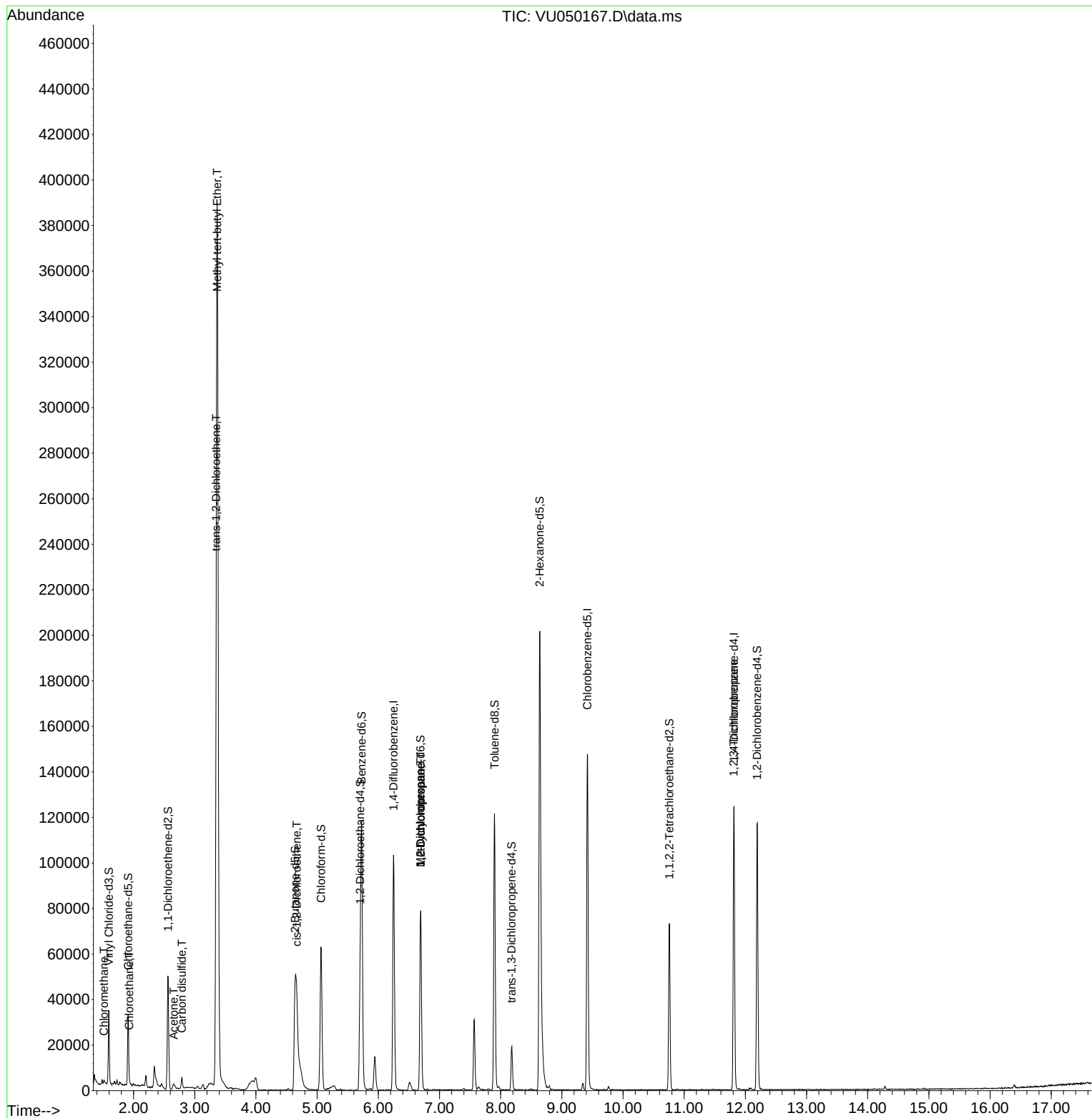
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85324	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86553	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34351	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	22299	3.140	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.800%	
7) Chloroethane-d5	1.912	69	22830	3.985	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.562	65	9617	3.465	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.400%	
20) 2-Butanone-d5	4.642	46	109266	63.102	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	126.200%	
24) Chloroform-d	5.063	84	60385	4.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.703	65	33658	4.963	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	5.729	84	109330	4.048	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
36) 1,2-Dichloropropane-d6	6.690	67	41045	4.615	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.899	98	84532	3.544	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.800%	
43) trans-1,3-Dichloroprop...	8.179	79	11717	3.676	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.600%	
46) 2-Hexanone-d5	8.639	63	68051	60.207	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.420%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37755	4.834	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	32190	4.783	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1758	0.172	ug/L	98
8) Chloroethane	1.928	64	511	0.095	ug/L #	42
13) Acetone	2.655	43	4485	4.651	ug/L	93
14) Carbon disulfide	2.790	76	6123	0.291	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	430157	27.945	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	4566	0.691	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	9185	1.253	ug/L	96
35) Methylcyclohexane	6.690	83	9138	0.965	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	4180	0.517	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	4161	0.889	ug/L #	64

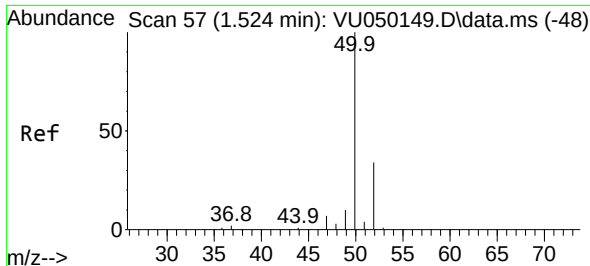
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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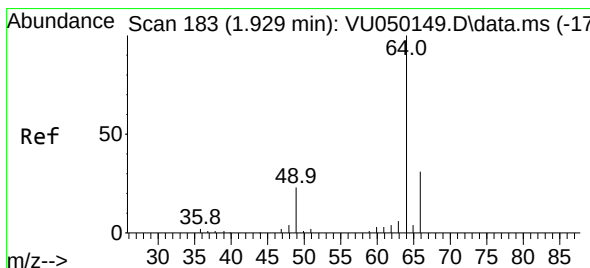
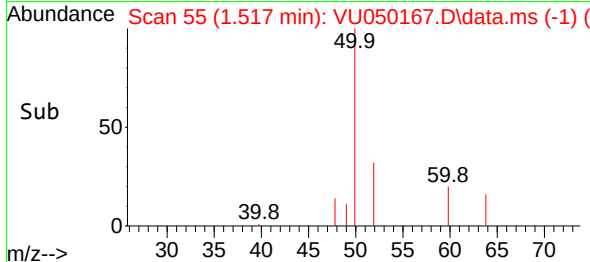
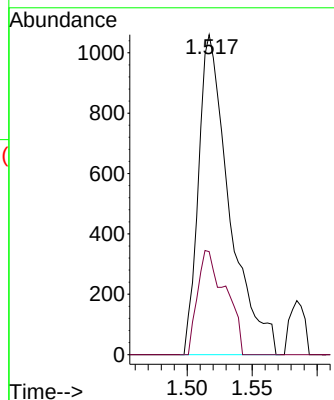
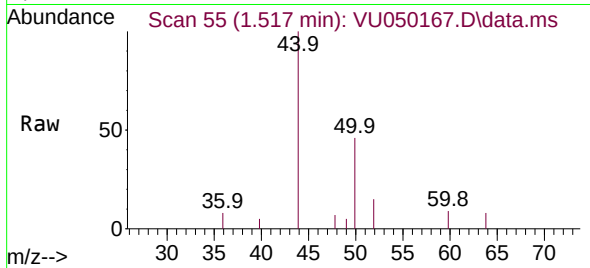




#3
Chloromethane
Concen: 0.172 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU050167.D
Acq: 09 Aug 2022 05:12

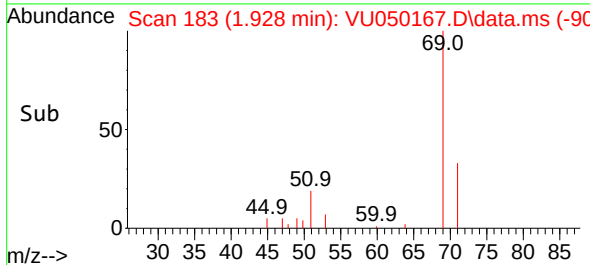
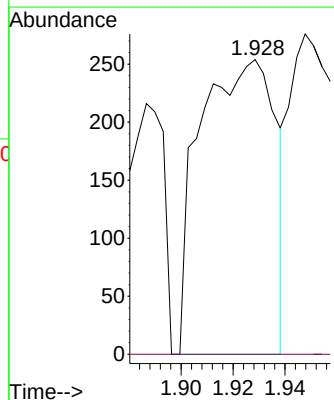
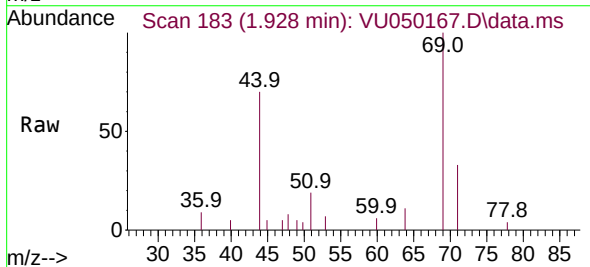
Instrument :
MSVOA_U
ClientSampleId :
DBUX8

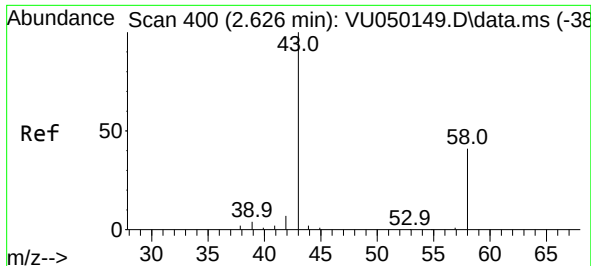
Tgt Ion: 50 Resp: 1758
Ion Ratio Lower Upper
50 100
52 32.2 23.2 43.2



#8
Chloroethane
Concen: 0.095 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU050167.D
Acq: 09 Aug 2022 05:12

Tgt Ion: 64 Resp: 511
Ion Ratio Lower Upper
64 100
66 0.0 22.8 42.4#





#13

Acetone

Concen: 4.651 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.029 min

Lab File: VU050167.D

Acq: 09 Aug 2022 05:12

Instrument :

MSVOA_U

ClientSampleId :

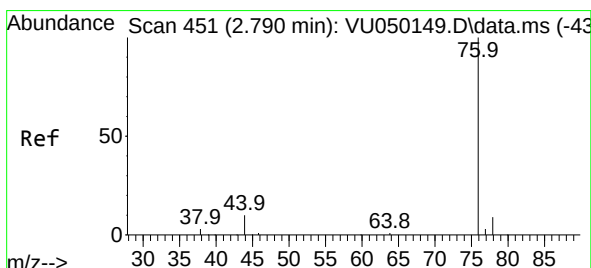
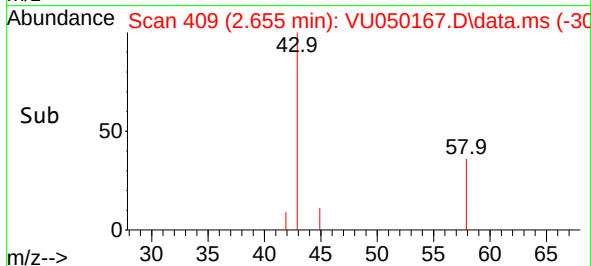
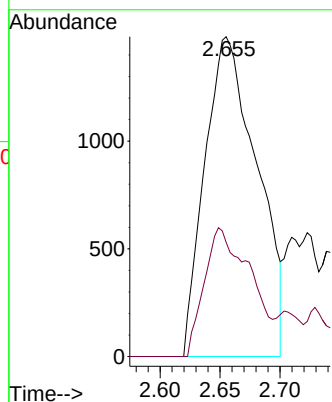
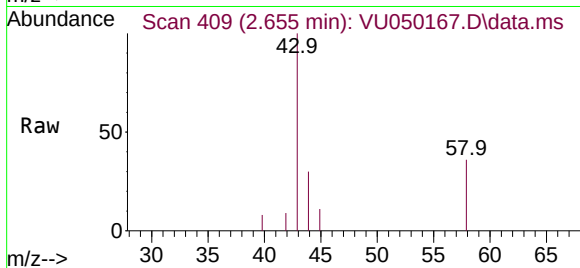
DBUX8

Tgt Ion: 43 Resp: 4485

Ion Ratio Lower Upper

43 100

58 35.7 0.0 64.0



#14

Carbon disulfide

Concen: 0.291 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU050167.D

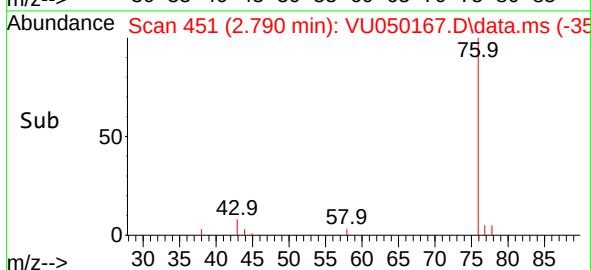
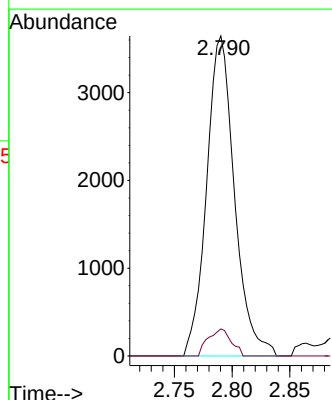
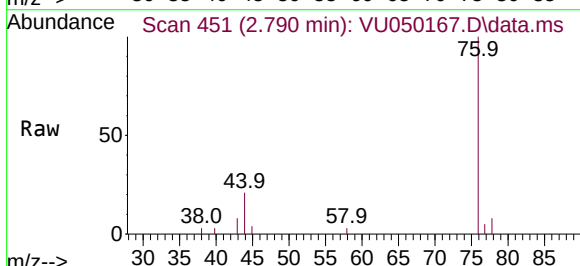
Acq: 09 Aug 2022 05:12

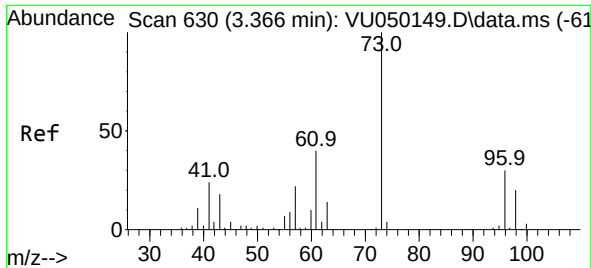
Tgt Ion: 76 Resp: 6123

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.0

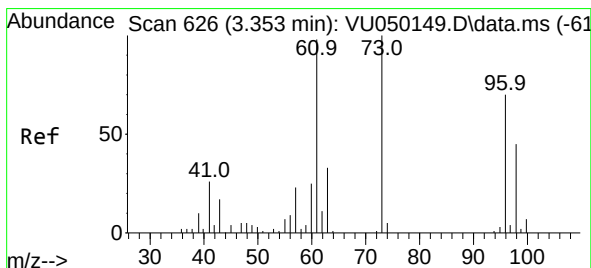
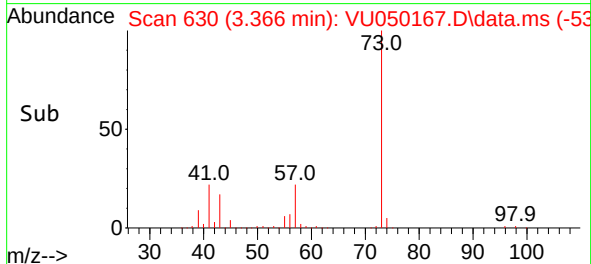
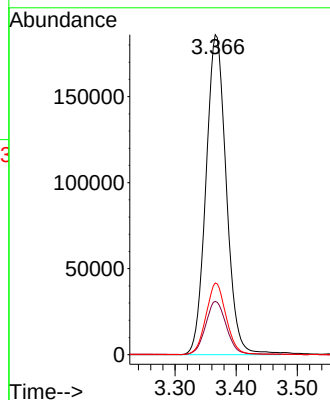
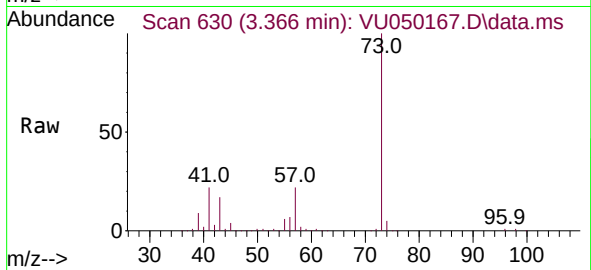




#17
Methyl tert-butyl Ether
Concen: 27.945 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050167.D
Acq: 09 Aug 2022 05:12

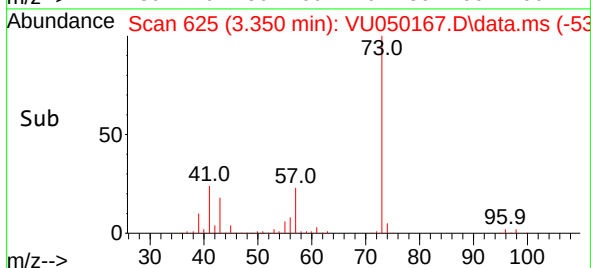
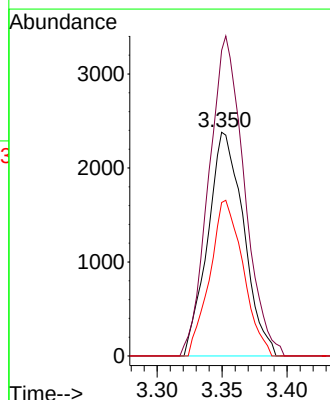
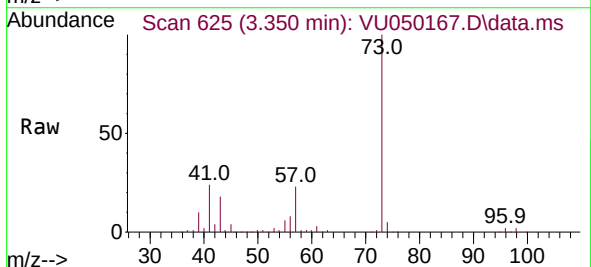
Instrument :
MSVOA_U
ClientSampleId :
DBUX8

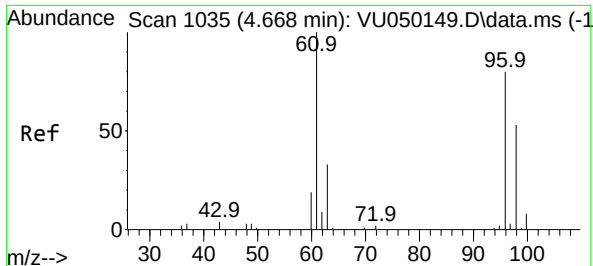
Tgt Ion: 73 Resp: 430157
Ion Ratio Lower Upper
73 100
43 16.9 13.5 20.3
57 22.1 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 0.691 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU050167.D
Acq: 09 Aug 2022 05:12

Tgt Ion: 96 Resp: 4566
Ion Ratio Lower Upper
96 100
61 136.5 92.3 171.5
98 68.5 43.2 80.2





#22

cis-1,2-Dichloroethene

Concen: 1.253 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050167.D

Acq: 09 Aug 2022 05:12

Instrument :

MSVOA_U

ClientSampleId :

DBUX8

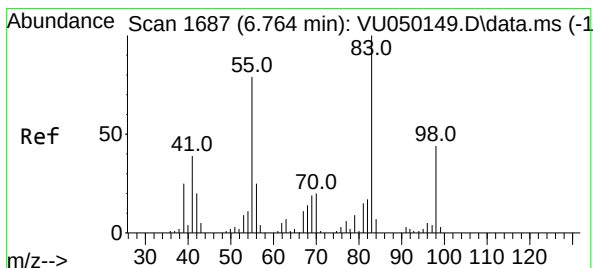
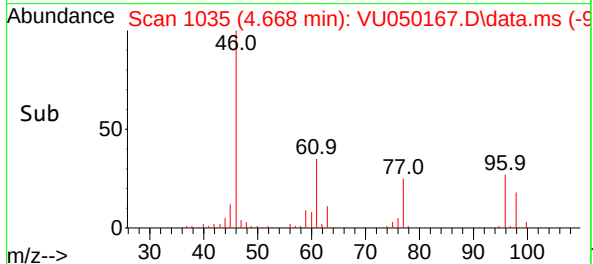
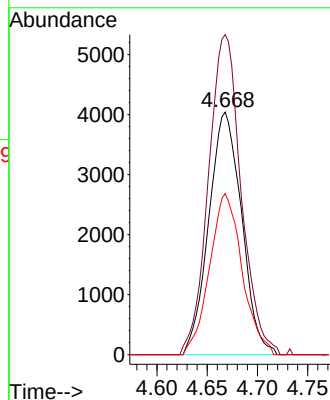
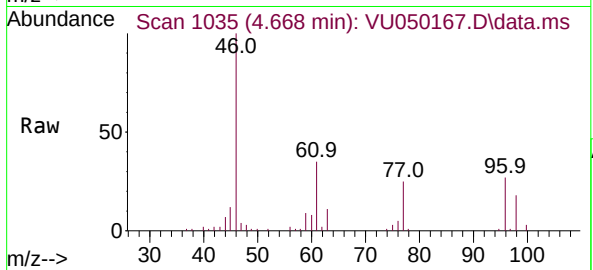
Tgt Ion: 96 Resp: 9185

Ion Ratio Lower Upper

96 100

61 132.0 89.0 165.4

98 66.5 45.2 84.0



#35

Methylcyclohexane

Concen: 0.965 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050167.D

Acq: 09 Aug 2022 05:12

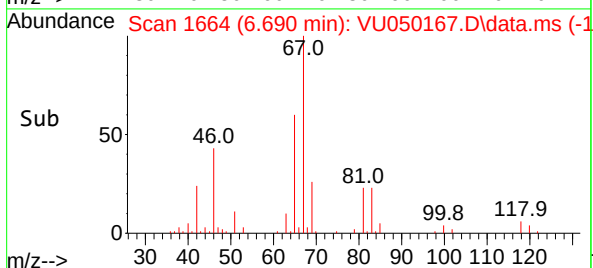
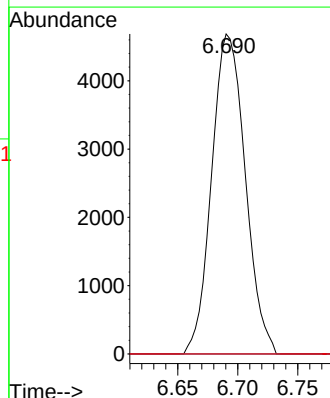
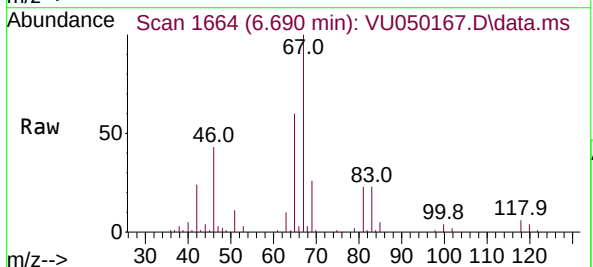
Tgt Ion: 83 Resp: 9138

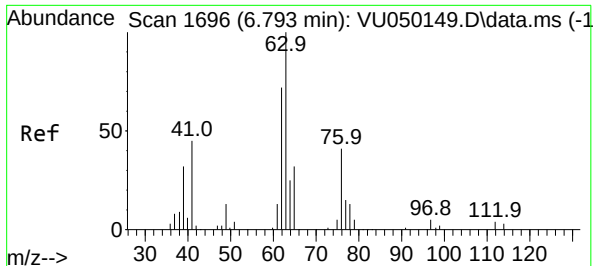
Ion Ratio Lower Upper

83 100

55 1.2 62.7 94.1#

98 0.2 36.2 54.2#

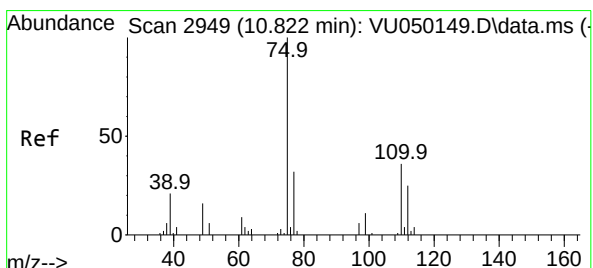
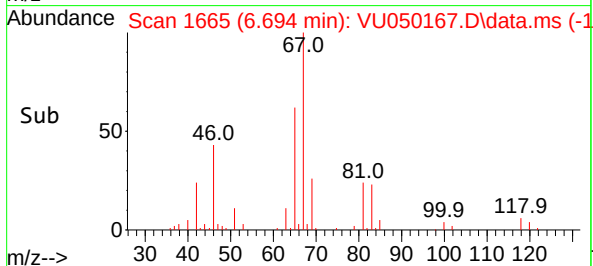
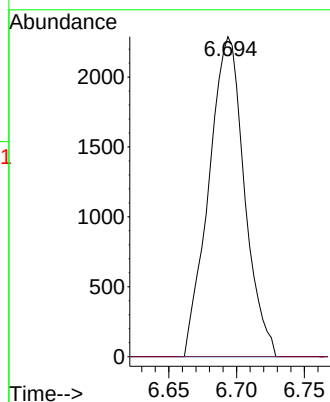
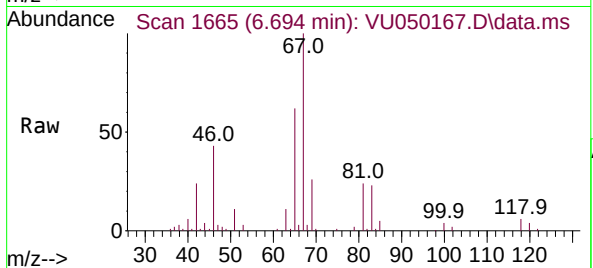




#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.694 min Scan# 11
Delta R.T. -0.100 min
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DBUX8

Tgt Ion: 63 Resp: 4180
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 0.889 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU050167.D
Acq: 09 Aug 2022 05:12

Tgt Ion: 75 Resp: 4161
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 27.6 25.8 38.6

