

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050073.D
 Acq On : 04 Aug 2022 20:09
 Operator : SY/MD
 Sample : N4022-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D80

Quant Time: Aug 05 04:55:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:52:21 2022
 Response via : Initial Calibration

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

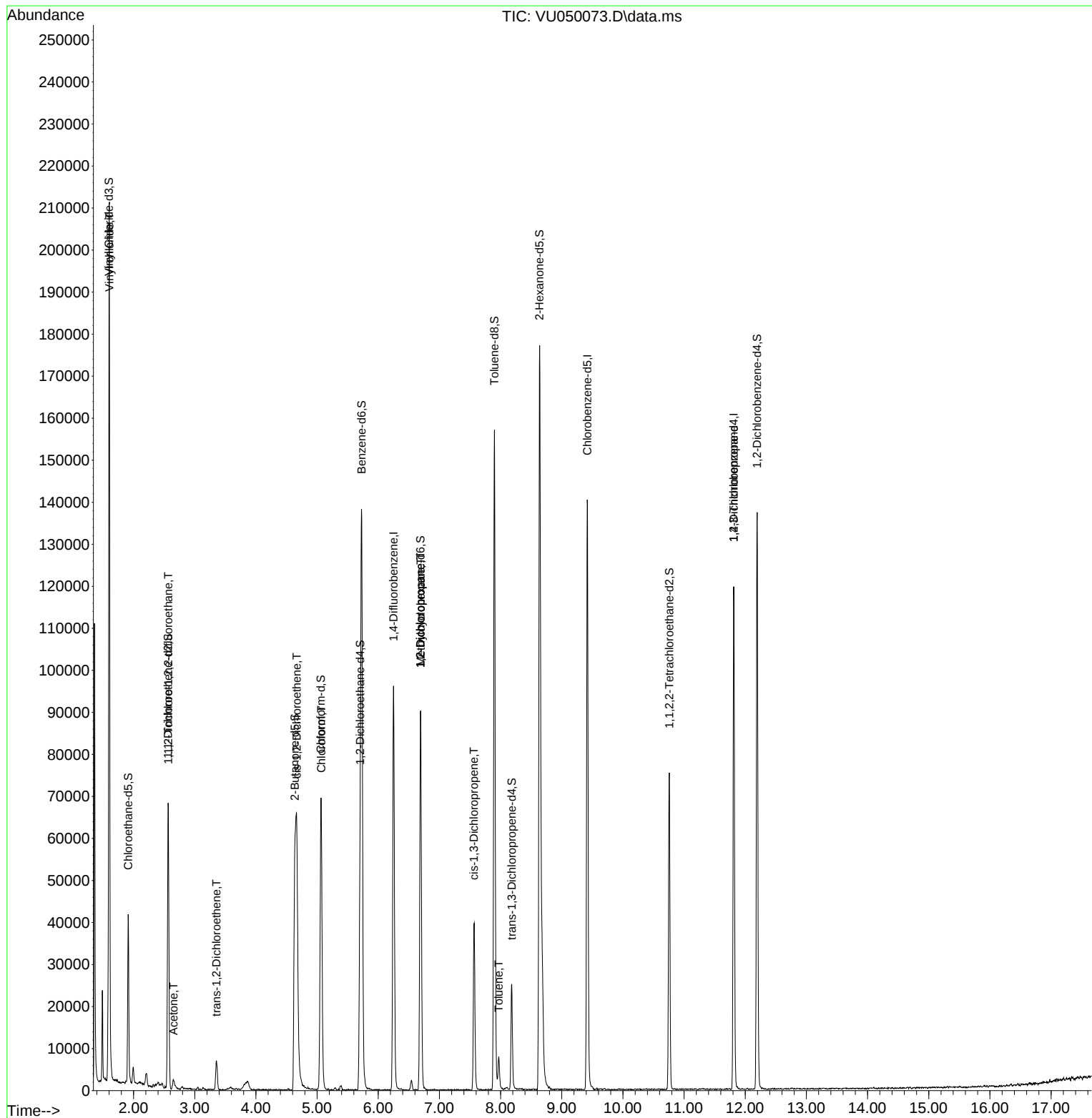
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	81483	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33420	4.928	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.912	69	28492	5.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.565	65	12553	4.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.636	46	100883	61.007	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.020%
24) Chloroform-d	5.063	84	67382	5.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.703	65	34916	5.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.729	84	132704	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.690	67	46397	5.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.899	98	109708	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.182	79	15135	4.932	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.635	63	57360	52.704	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39797	5.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	37526	5.765	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	104582	11.947	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	326	0.061	ug/L #	22
13) Acetone	2.652	43	4152	4.509	ug/L	95
18) trans-1,2-Dichloroethene	3.353	96	3151	0.500	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	21847	3.121	ug/L	99
25) Chloroform	5.070	83	20	0.002	ug/L #	1
35) Methylcyclohexane	6.693	83	10227	1.122	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4519	0.581	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	996	0.098	ug/L #	66
42) Toluene	7.970	91	5944	0.203	ug/L	97
61) 1,2,3-Trichloropropane	11.812	75	3996	0.883	ug/L #	67

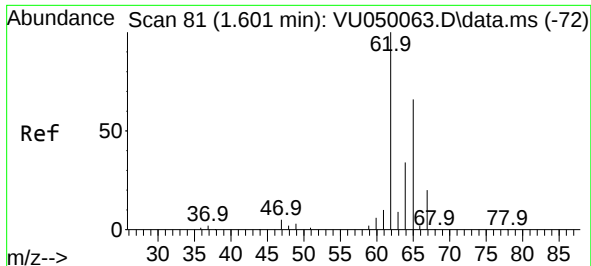
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
Data File : VU050073.D
Acq On : 04 Aug 2022 20:09
Operator : SY/MD
Sample : N4022-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5D80

Quant Time: Aug 05 04:55:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 05 04:52:21 2022
Response via : Initial Calibration

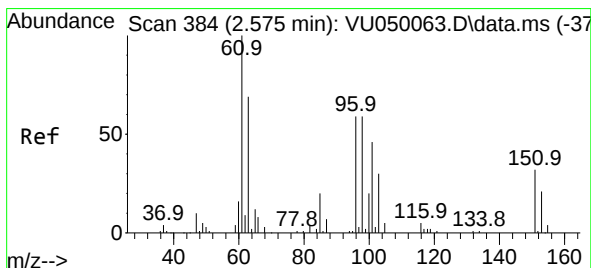
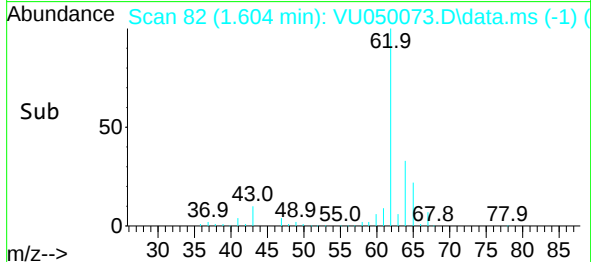
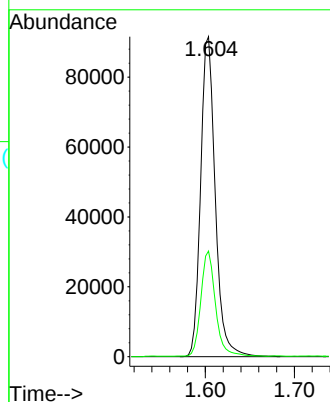
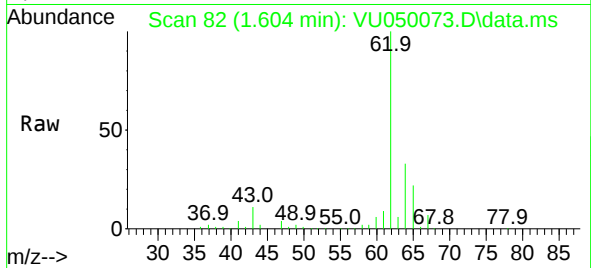




#5
 Vinyl chloride
 Concen: 11.947 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050073.D
 Acq: 04 Aug 2022 20:09

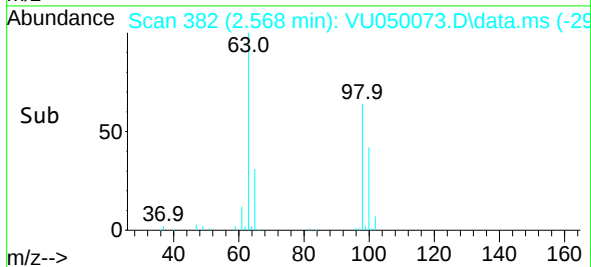
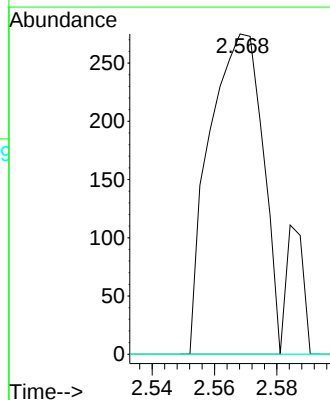
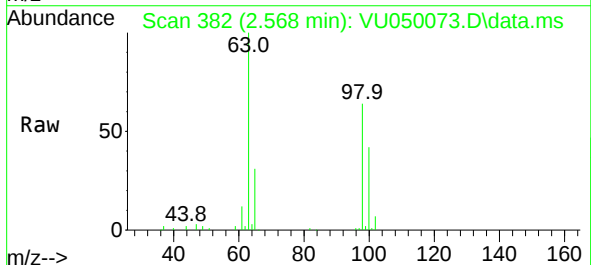
Instrument :
 MSVOA_U
 ClientSampleId :
 F5D80

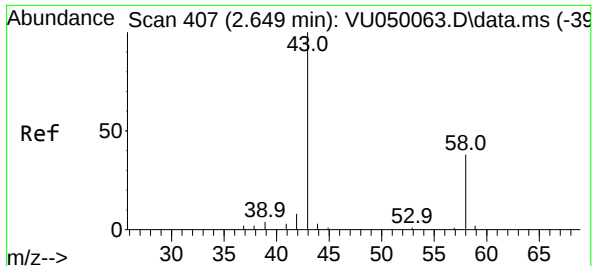
Tgt Ion: 62 Resp: 104582
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.8 42.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.061 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.007 min
 Lab File: VU050073.D
 Acq: 04 Aug 2022 20:09

Tgt Ion: 101 Resp: 326
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#





#13

Acetone

Concen: 4.509 ug/L

RT: 2.652 min Scan# 407

Delta R.T. 0.003 min

Lab File: VU050073.D

Acq: 04 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

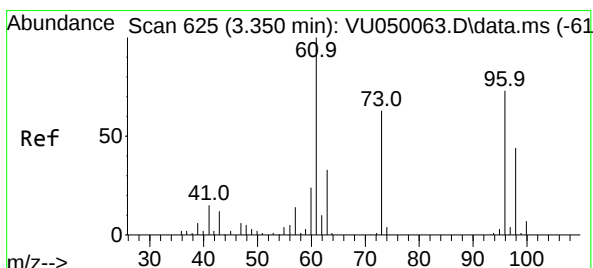
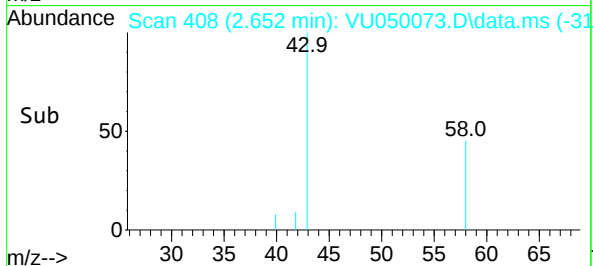
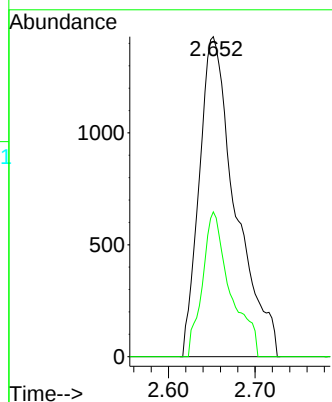
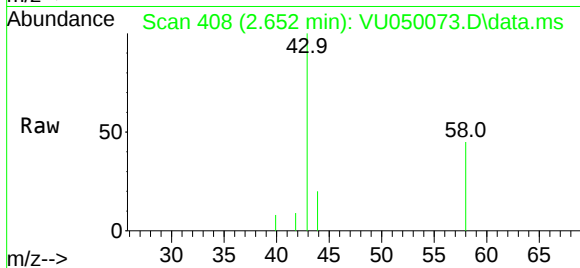
F5D80

Tgt Ion: 43 Resp: 4152

Ion Ratio Lower Upper

43 100

58 34.9 0.0 64.0



#18

trans-1,2-Dichloroethene

Concen: 0.500 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU050073.D

Acq: 04 Aug 2022 20:09

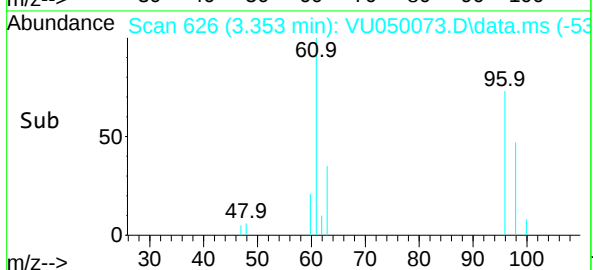
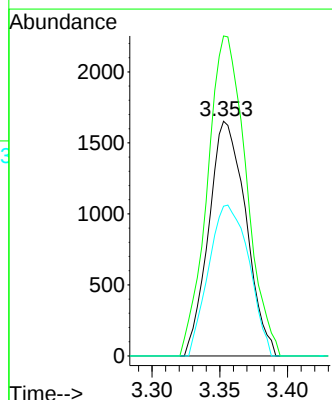
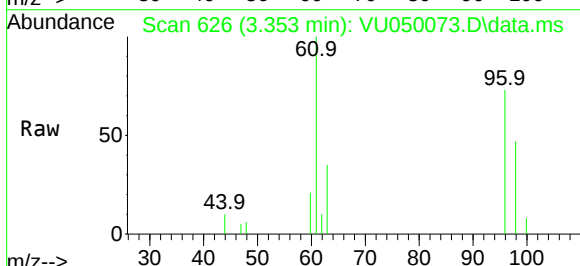
Tgt Ion: 96 Resp: 3151

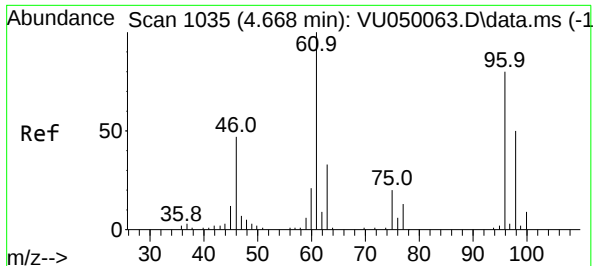
Ion Ratio Lower Upper

96 100

61 136.3 92.3 171.5

98 63.8 43.2 80.2





#22

cis-1,2-Dichloroethene

Concen: 3.121 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050073.D

Acq: 04 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

F5D80

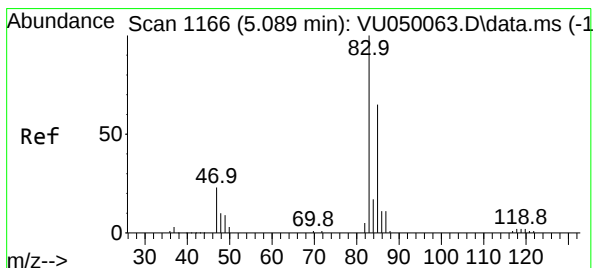
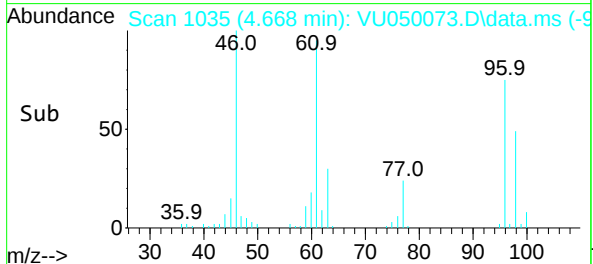
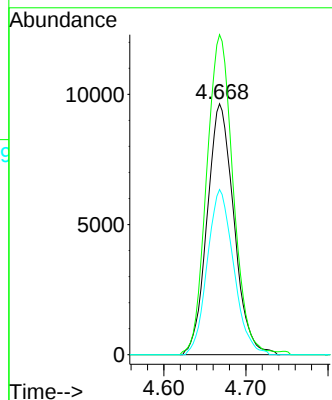
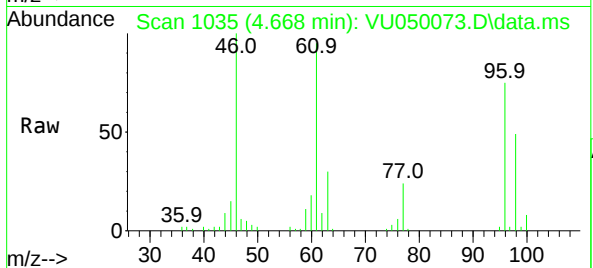
Tgt Ion: 96 Resp: 21847

Ion Ratio Lower Upper

96 100

61 127.6 89.0 165.4

98 65.9 45.2 84.0



#25

Chloroform

Concen: 0.002 ug/L

RT: 5.070 min Scan# 1160

Delta R.T. -0.019 min

Lab File: VU050073.D

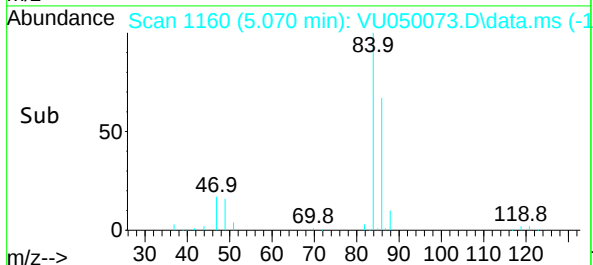
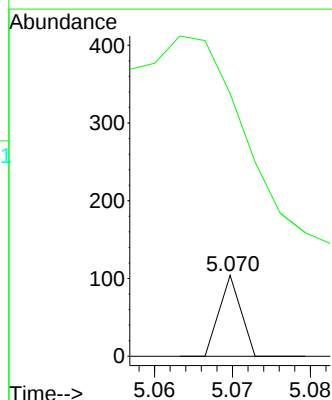
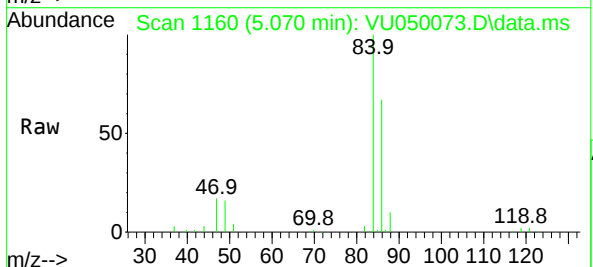
Acq: 04 Aug 2022 20:09

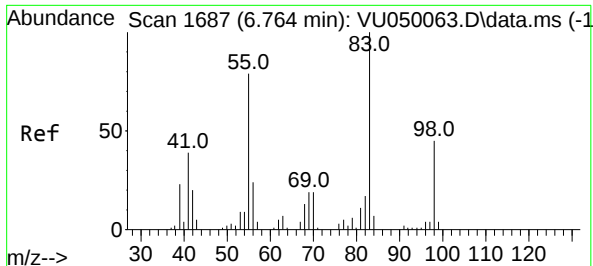
Tgt Ion: 83 Resp: 20

Ion Ratio Lower Upper

83 100

85 325.0 46.1 85.5#





#35

Methylcyclohexane

Concen: 1.122 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050073.D

Acq: 04 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

F5D80

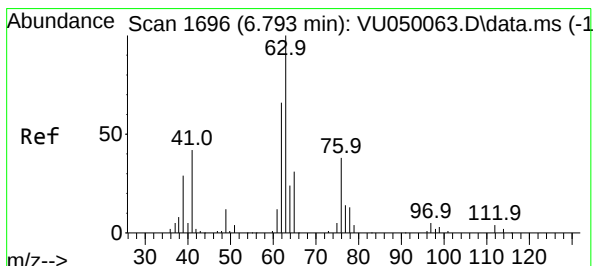
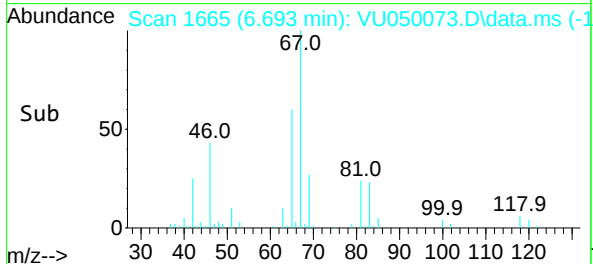
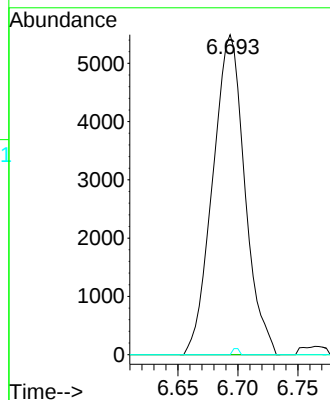
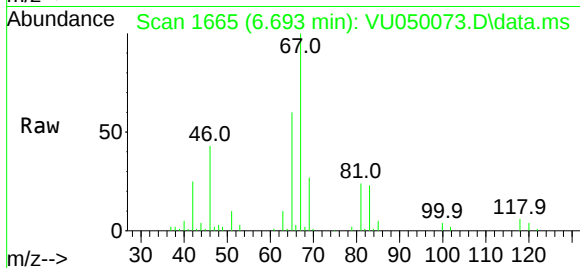
Tgt Ion: 83 Resp: 10227

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.4 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.581 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050073.D

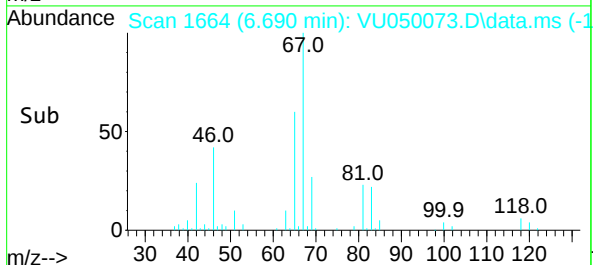
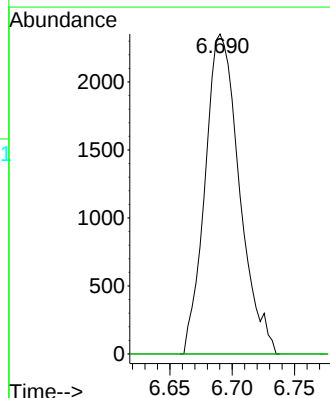
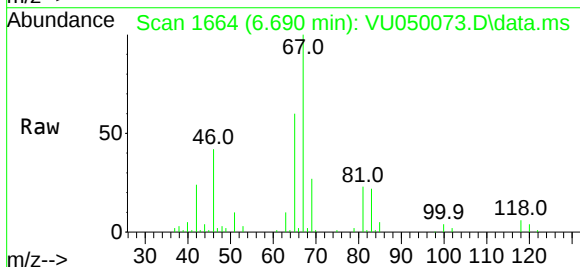
Acq: 04 Aug 2022 20:09

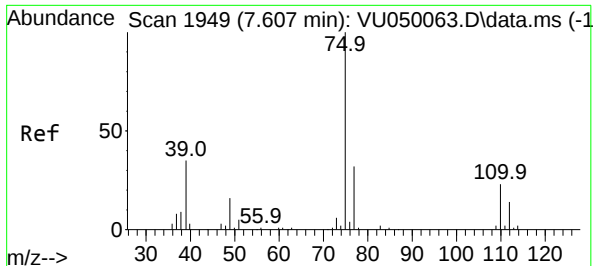
Tgt Ion: 63 Resp: 4519

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050073.D

Acq: 04 Aug 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

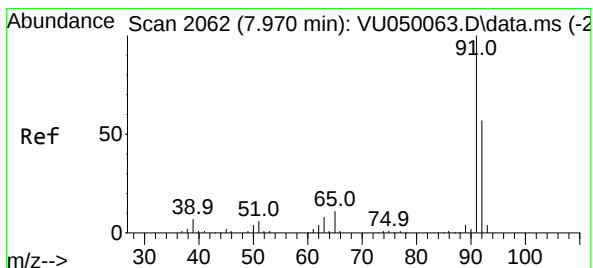
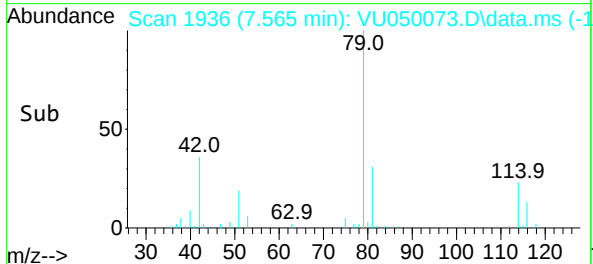
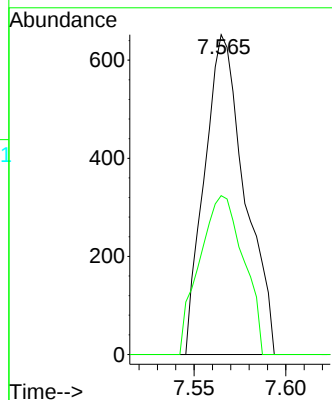
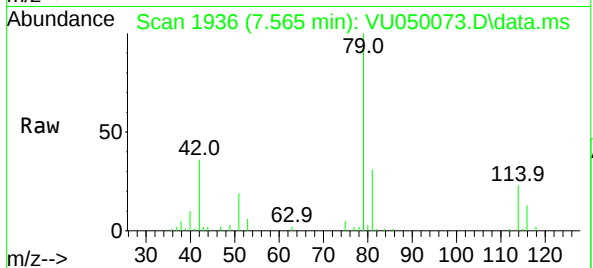
F5D80

Tgt Ion: 75 Resp: 996

Ion Ratio Lower Upper

75 100

77 49.7 21.8 40.4#



#42

Toluene

Concen: 0.203 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050073.D

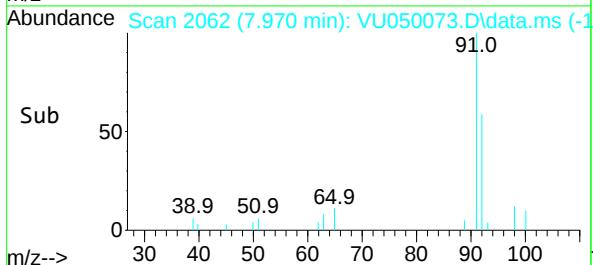
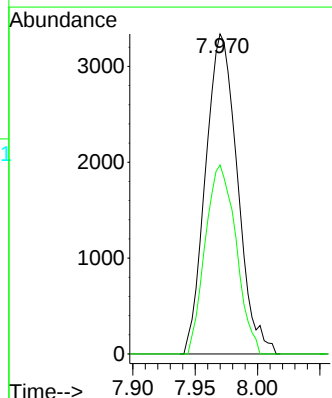
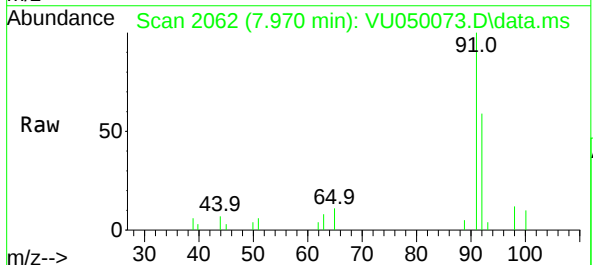
Acq: 04 Aug 2022 20:09

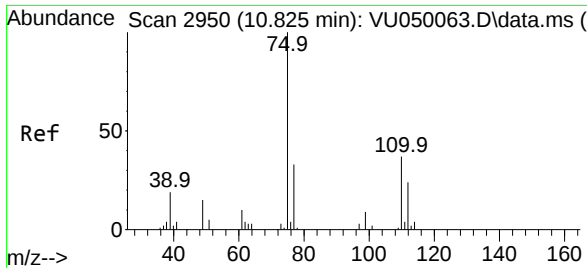
Tgt Ion: 91 Resp: 5944

Ion Ratio Lower Upper

91 100

92 59.0 39.8 74.0





#61
 1,2,3-Trichloropropane
 Concen: 0.883 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050073.D
 Acq: 04 Aug 2022 20:09

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D80

Tgt Ion: 75 Resp: 3996
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 30.6 25.8 38.6

