

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050093.D
 Acq On : 05 Aug 2022 13:47
 Operator : SY/MD
 Sample : N4022-09RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:34:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 04:32:47 2022
 Response via : Initial Calibration

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

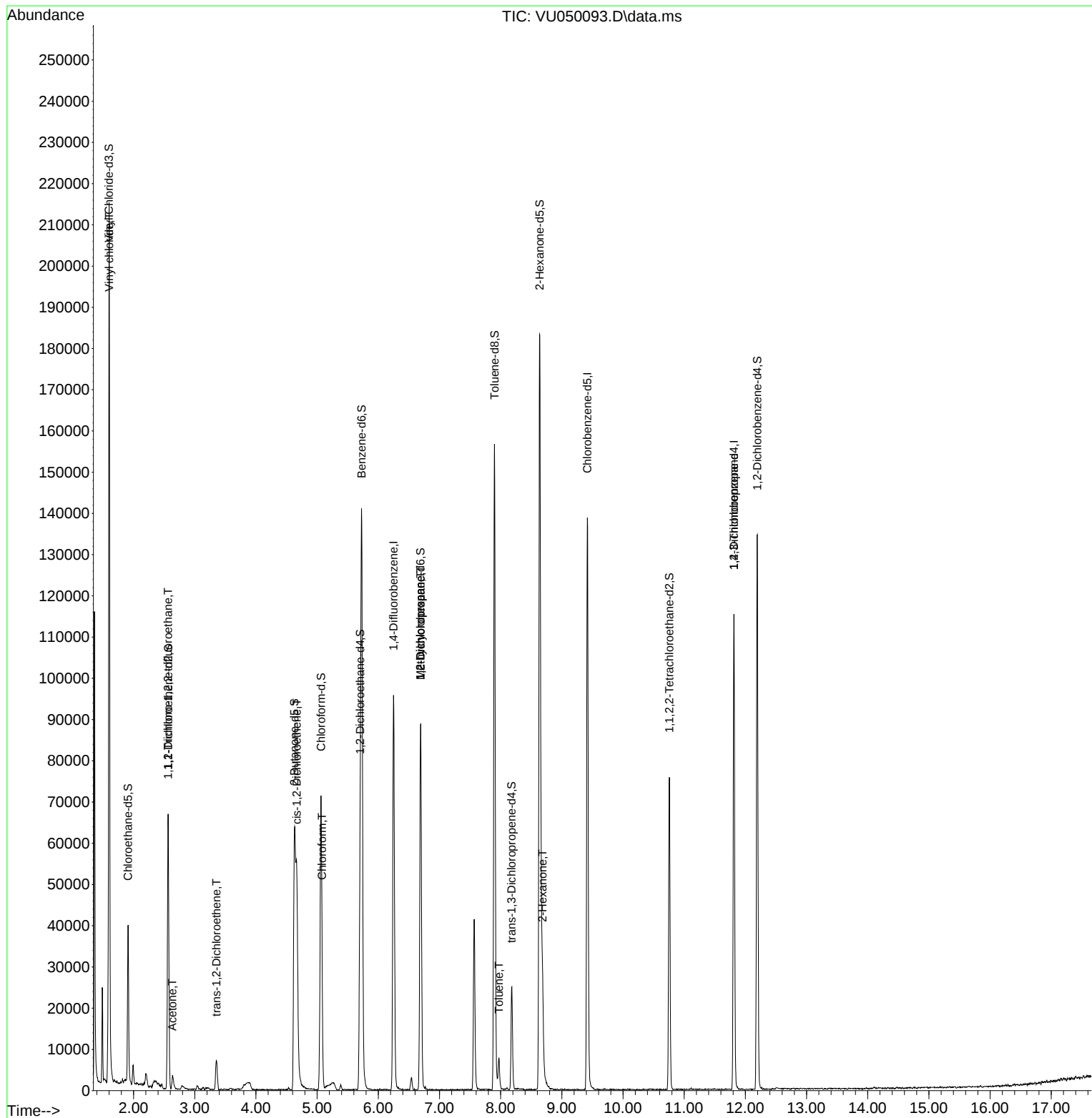
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	79899	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	82243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31785	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32329	4.862	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.909	69	27604	5.146	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.000%	
11) 1,1-Dichloroethene-d2	2.565	65	12515	4.816	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.400%	
20) 2-Butanone-d5	4.629	46	101262	62.450	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.900%	
24) Chloroform-d	5.063	84	67689	5.473	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.400%	
26) 1,2-Dichloroethane-d4	5.703	65	36066	5.680	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.600%	
32) Benzene-d6	5.729	84	134669	5.247	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.000%	
36) 1,2-Dichloropropane-d6	6.690	67	45761	5.414	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.200%	
41) Toluene-d8	7.899	98	109921	4.849	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
43) trans-1,3-Dichloroprop...	8.179	79	15908	5.253	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.000%	
46) 2-Hexanone-d5	8.636	63	58989	54.925	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.840%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40276	5.427	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	36944	5.932	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	108612	12.653	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	323	0.062	ug/L #	22
13) Acetone	2.636	43	4505	4.989	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	3104	0.502	ug/L	82
22) cis-1,2-Dichloroethene	4.668	96	22009	3.207	ug/L	99
25) Chloroform	5.079	83	19	0.002	ug/L #	1
35) Methylcyclohexane	6.690	83	10597	1.178	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4482	0.584	ug/L #	89
42) Toluene	7.970	91	5850	0.202	ug/L	96
48) 2-Hexanone	8.684	43	13745	3.997	ug/L #	87
61) 1,2,3-Trichloropropane	11.812	75	3932	0.908	ug/L #	67

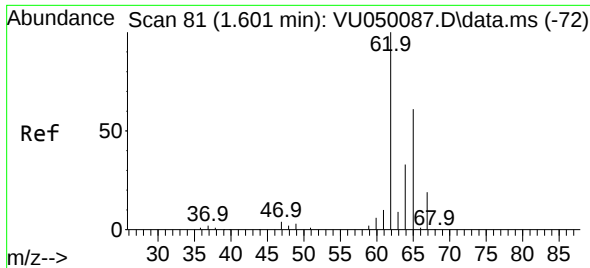
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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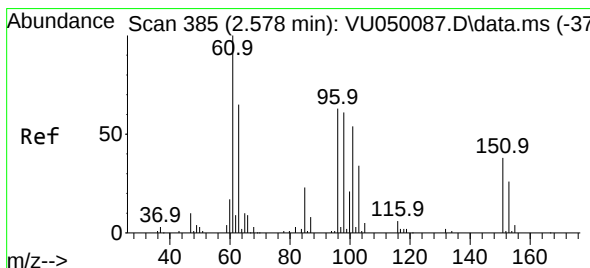
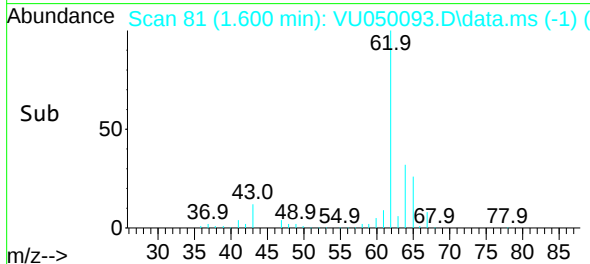
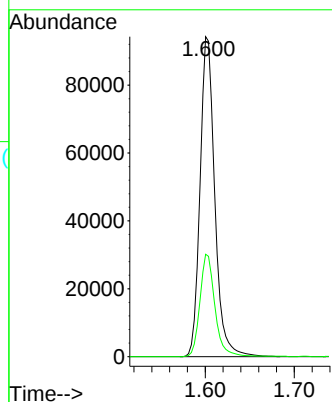
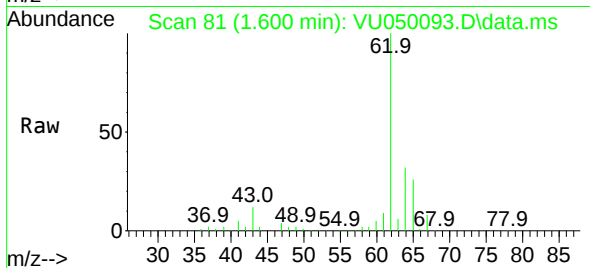




#5
 Vinyl chloride
 Concen: 12.653 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050093.D
 Acq: 05 Aug 2022 13:47

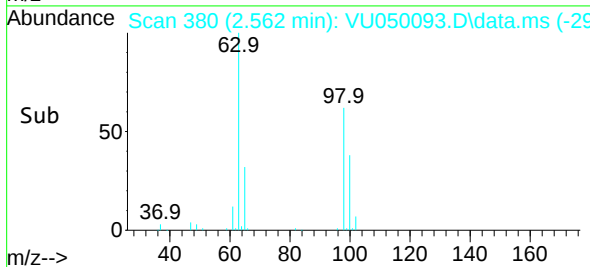
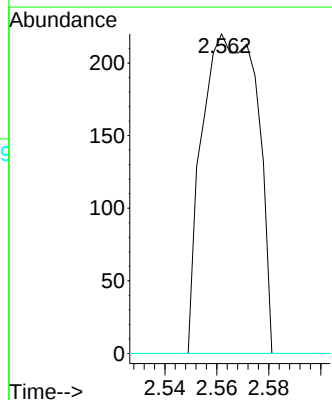
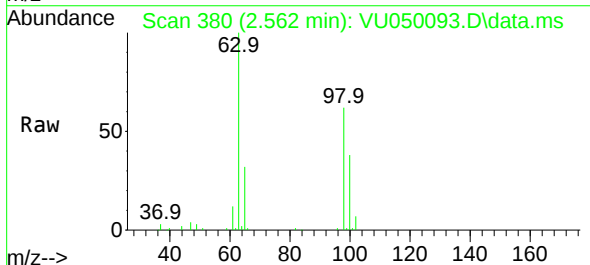
Instrument :
 MSVOA_U
 ClientSampleId :

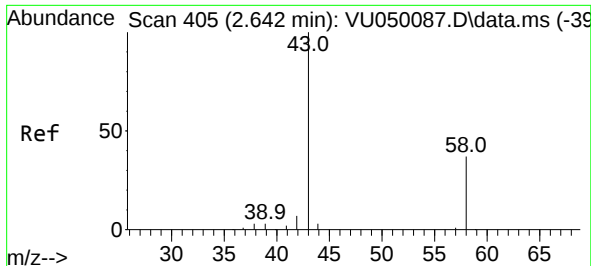
Tgt Ion: 62 Resp: 108612
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.8 42.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.062 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU050093.D
 Acq: 05 Aug 2022 13:47

Tgt Ion: 101 Resp: 323
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#





#13

Acetone

Concen: 4.989 ug/L

RT: 2.636 min Scan# 40

Delta R.T. -0.007 min

Lab File: VU050093.D

Acq: 05 Aug 2022 13:47

Instrument :

MSVOA_U

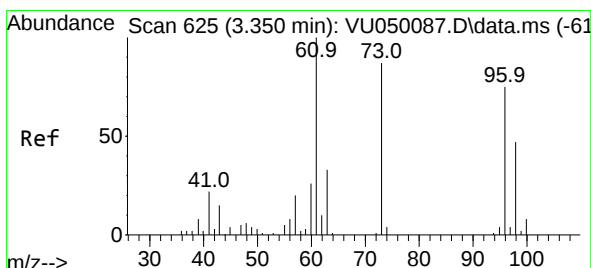
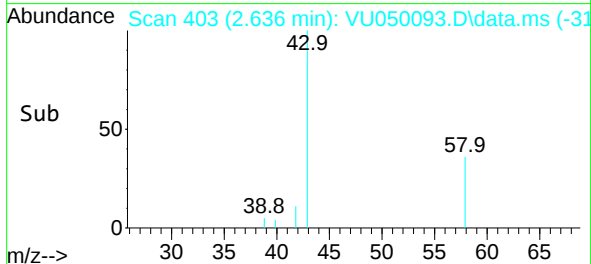
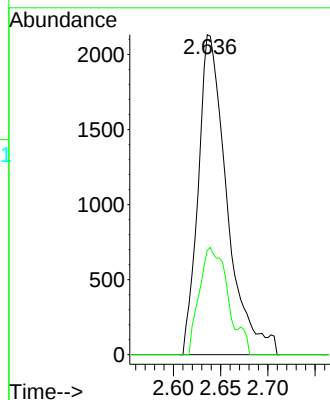
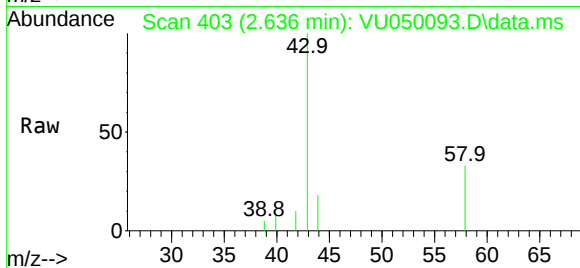
ClientSampleId :

Tgt Ion: 43 Resp: 4505

Ion Ratio Lower Upper

43 100

58 33.5 0.0 64.0



#18

trans-1,2-Dichloroethene

Concen: 0.502 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.006 min

Lab File: VU050093.D

Acq: 05 Aug 2022 13:47

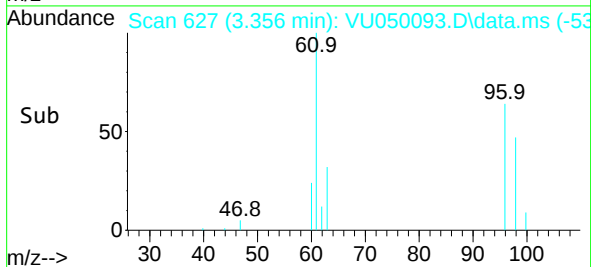
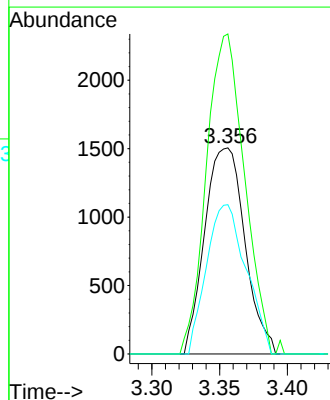
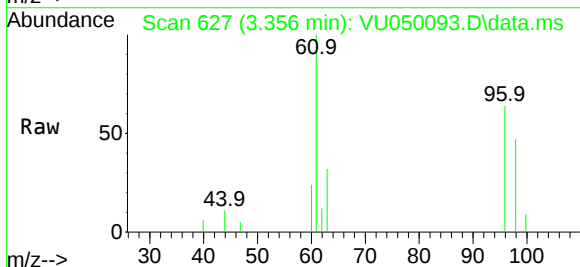
Tgt Ion: 96 Resp: 3104

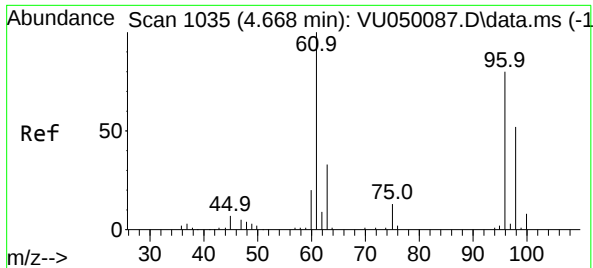
Ion Ratio Lower Upper

96 100

61 155.2 92.3 171.5

98 72.4 43.2 80.2





#22

cis-1,2-Dichloroethene

Concen: 3.207 ug/L

RT: 4.668 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VU050093.D

Acq: 05 Aug 2022 13:47

Instrument :

MSVOA_U

ClientSampleId :

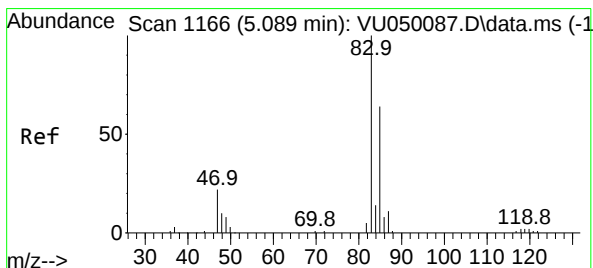
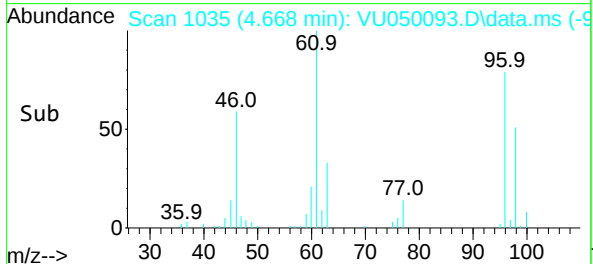
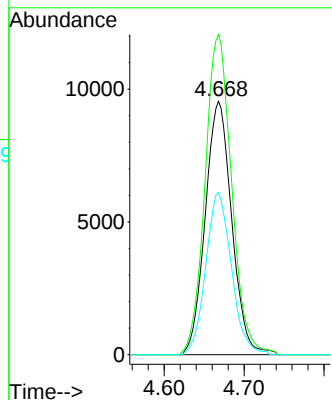
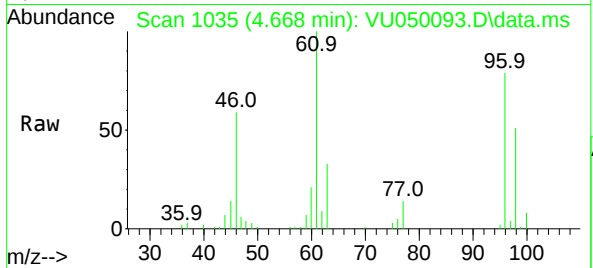
Tgt Ion: 96 Resp: 22009

Ion Ratio Lower Upper

96 100

61 126.2 89.0 165.4

98 64.0 45.2 84.0



#25

Chloroform

Concen: 0.002 ug/L

RT: 5.079 min Scan# 1163

Delta R.T. -0.010 min

Lab File: VU050093.D

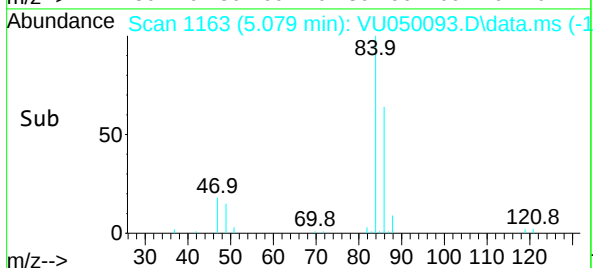
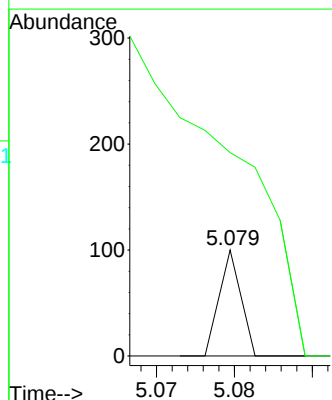
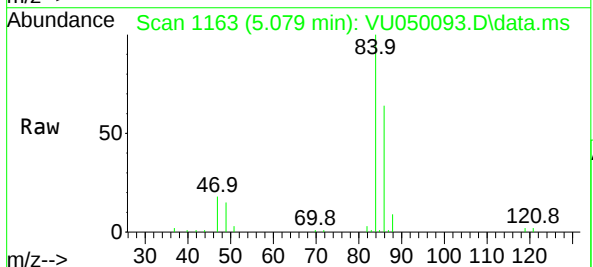
Acq: 05 Aug 2022 13:47

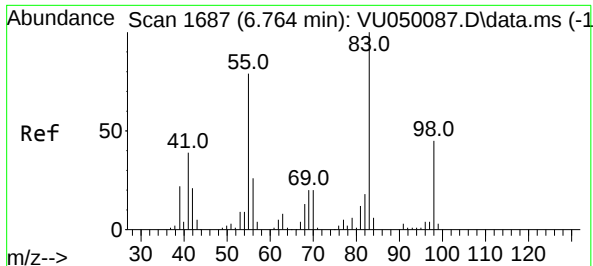
Tgt Ion: 83 Resp: 19

Ion Ratio Lower Upper

83 100

85 192.0 46.1 85.5#





#35

Methylcyclohexane

Concen: 1.178 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050093.D

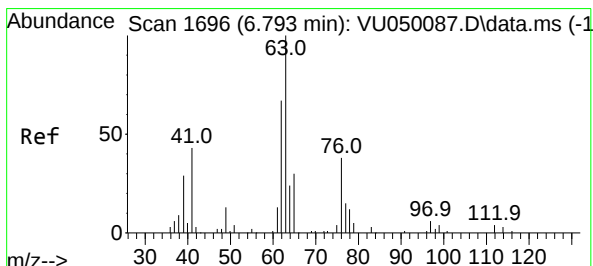
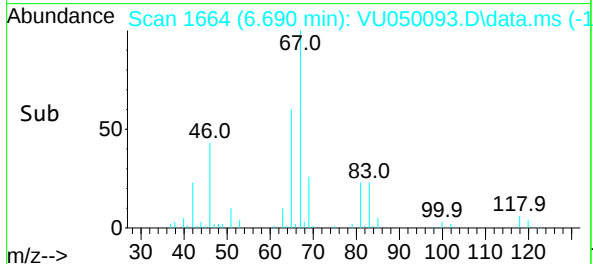
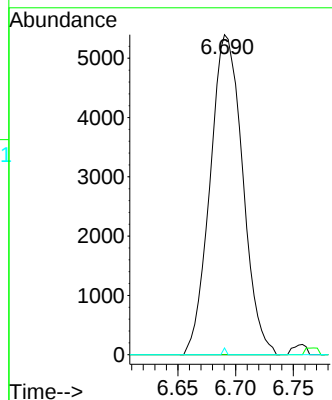
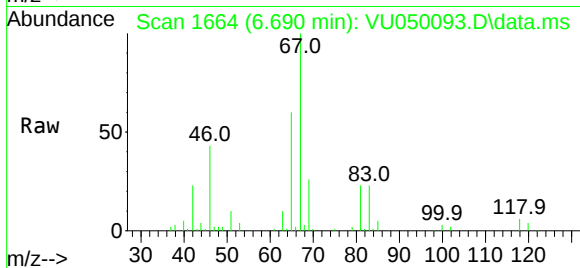
Acq: 05 Aug 2022 13:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	10597
Ion Ratio	Lower	Upper	
83	100		
55	0.8	62.7	94.1#
98	0.2	36.2	54.2#



#37

1,2-Dichloropropane

Concen: 0.584 ug/L

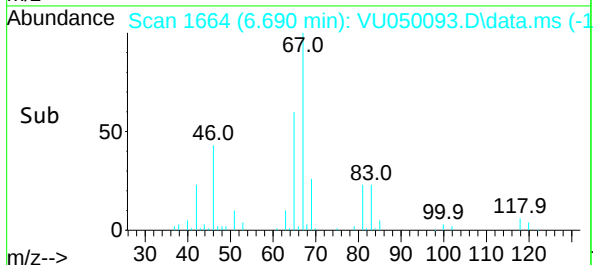
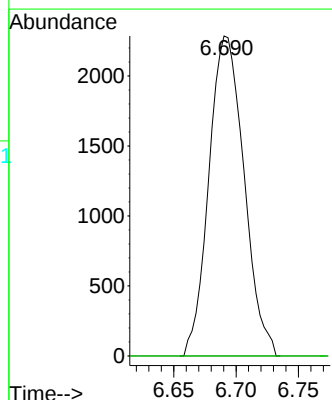
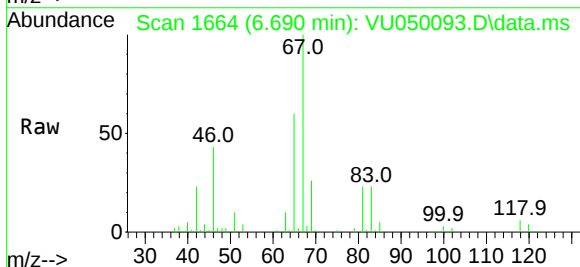
RT: 6.690 min Scan# 1664

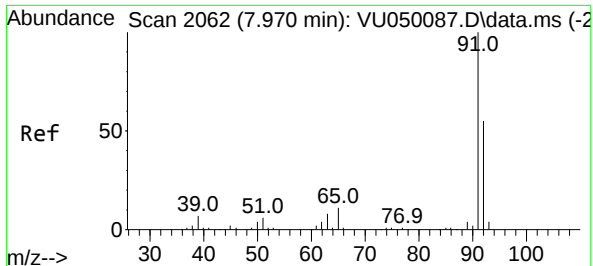
Delta R.T. -0.103 min

Lab File: VU050093.D

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Tgt Ion:	63	Resp:	4482
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.0	4.4#

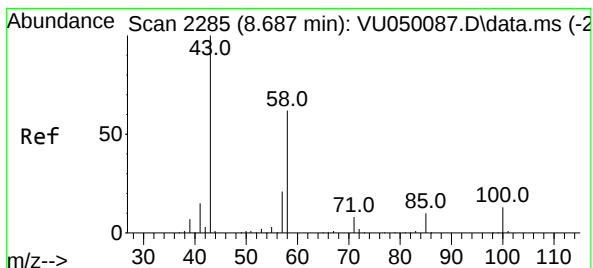
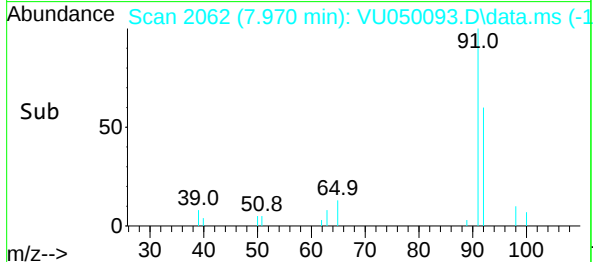
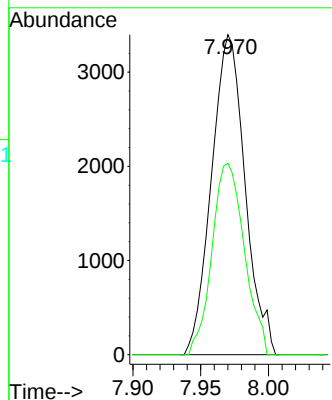
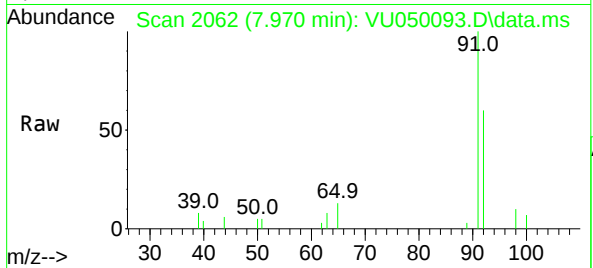




#42
Toluene
Concen: 0.202 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU050093.D
Acq: 05 Aug 2022 13:47

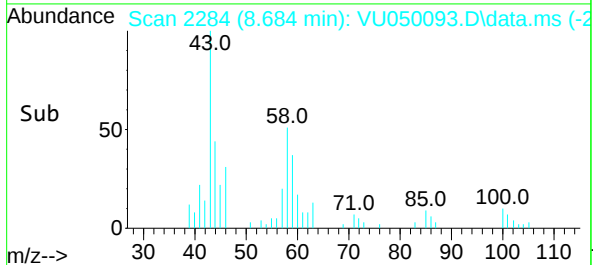
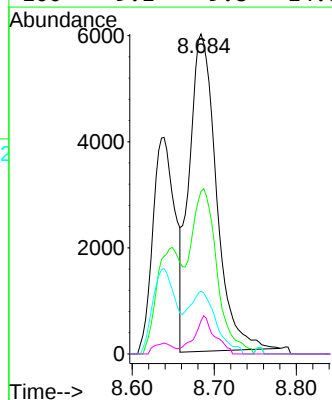
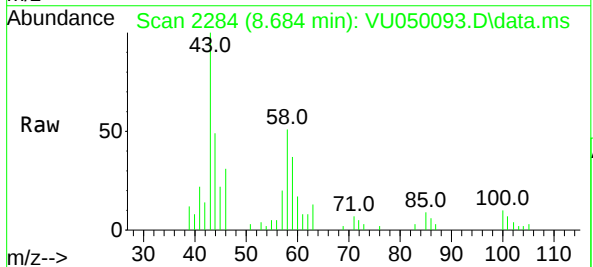
Instrument :
MSVOA_U
ClientSampleId :

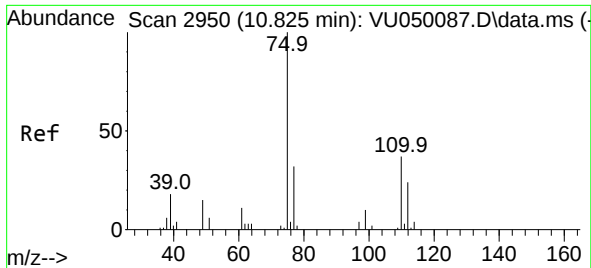
Tgt Ion: 91 Resp: 5850
Ion Ratio Lower Upper
91 100
92 59.9 39.8 74.0



#48
2-Hexanone
Concen: 3.997 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.003 min
Lab File: VU050093.D
Acq: 05 Aug 2022 13:47

Tgt Ion: 43 Resp: 13745
Ion Ratio Lower Upper
43 100
58 49.1 50.6 76.0#
57 20.0 16.0 24.0
100 9.1 9.8 14.8#





#61

1,2,3-Trichloropropane

Concen: 0.908 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

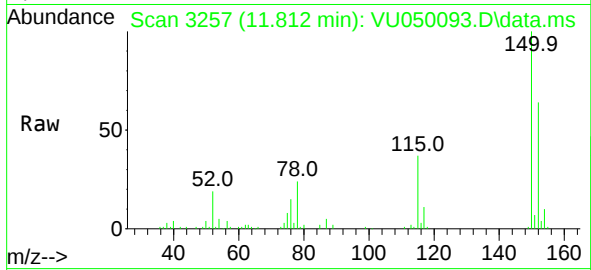
Lab File: VU050093.D

Acq: 05 Aug 2022 13:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 3932

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 33.6 25.8 38.6

