

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050094.D
 Acq On : 05 Aug 2022 14:12
 Operator : SY/MD
 Sample : N4022-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:35:00 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)

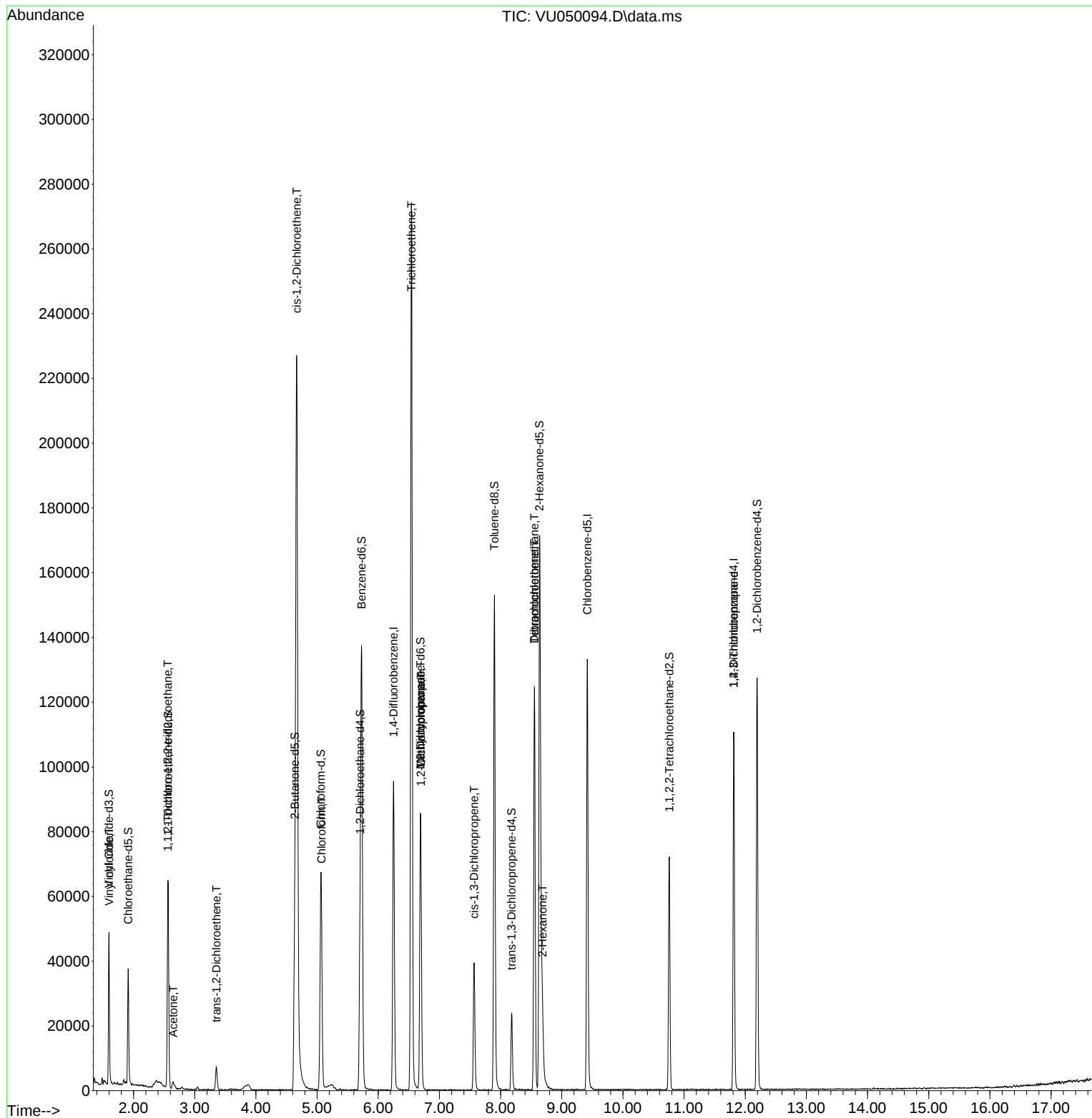
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	81123	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	79224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30494	4.517	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.912	69	25835	4.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.562	65	11986	4.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.636	46	96535	58.637	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.280%
24) Chloroform-d	5.063	84	64684	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.703	65	34651	5.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.729	84	130703	5.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.690	67	44164	5.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.899	98	105881	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.179	79	14646	5.020	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.636	63	57968	56.031	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37993	5.314	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	35312	5.820	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	3748	0.430	ug/L #	70
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	308	0.058	ug/L #	22
13) Acetone	2.649	43	4484	4.891	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	2989	0.476	ug/L	88
22) cis-1,2-Dichloroethene	4.668	96	115025	16.506	ug/L	97
25) Chloroform	5.073	83	40	0.003	ug/L #	1
34) Trichloroethene	6.542	95	98051	14.606	ug/L	99
35) Methylcyclohexane	6.690	83	9770	1.127	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4314	0.583	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1010	0.105	ug/L #	60
47) Tetrachloroethene	8.552	164	28297	5.883	ug/L	98
48) 2-Hexanone	8.687	43	13362	4.034	ug/L #	87
49) Dibromochloromethane	8.552	129	27774	4.540	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	3539	0.839	ug/L #	65

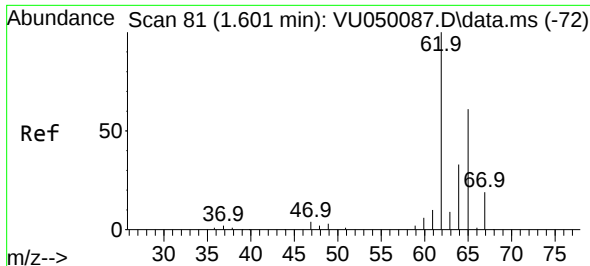
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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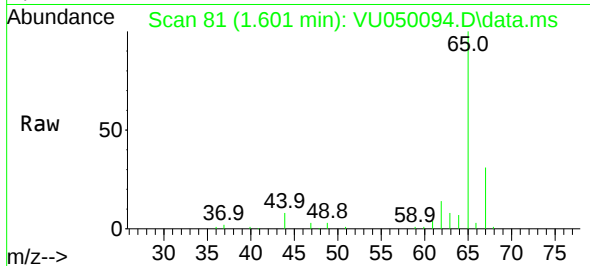
Quant Time: Aug 06 04:35:00 2022
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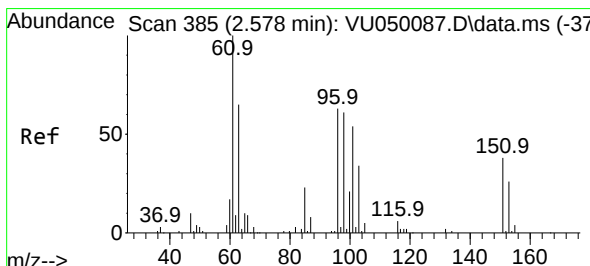
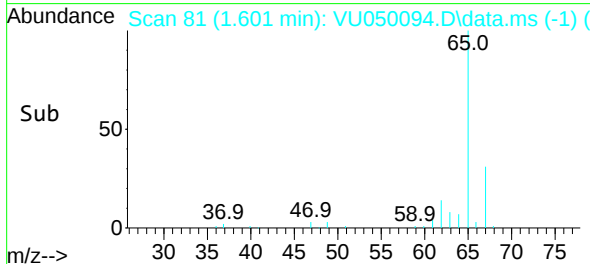
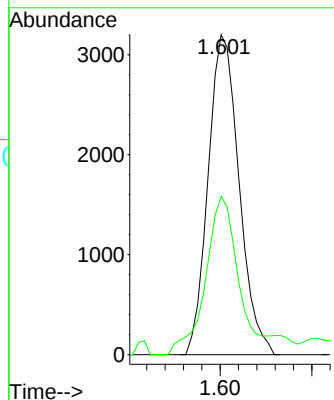


#5
 Vinyl chloride
 Concen: 0.430 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050094.D
 Acq: 05 Aug 2022 14:12

Instrument :
 MSVOA_U
 ClientSampleId :

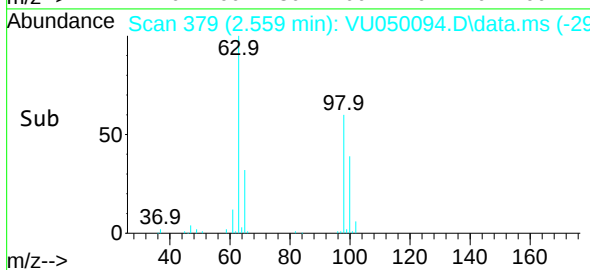
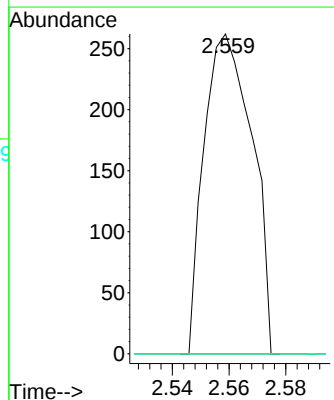
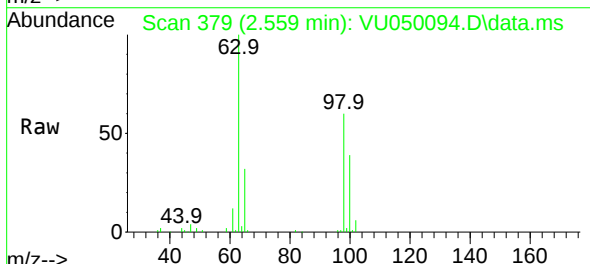


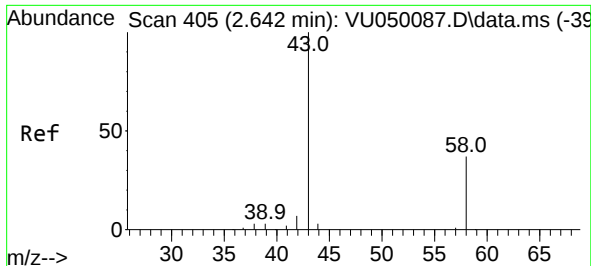
Tgt Ion: 62 Resp: 3748
 Ion Ratio Lower Upper
 62 100
 64 49.5 22.8 42.4#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.058 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.019 min
 Lab File: VU050094.D
 Acq: 05 Aug 2022 14:12

Tgt Ion: 101 Resp: 308
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#





#13

Acetone

Concen: 4.891 ug/L

RT: 2.649 min Scan# 40

Delta R.T. 0.006 min

Lab File: VU050094.D

Acq: 05 Aug 2022 14:12

Instrument :

MSVOA_U

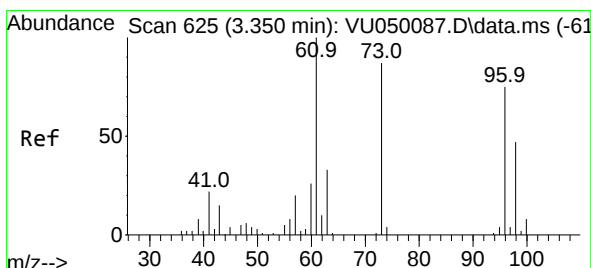
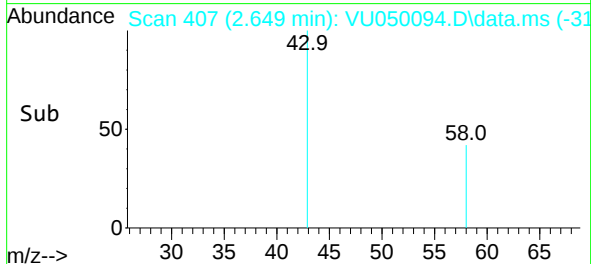
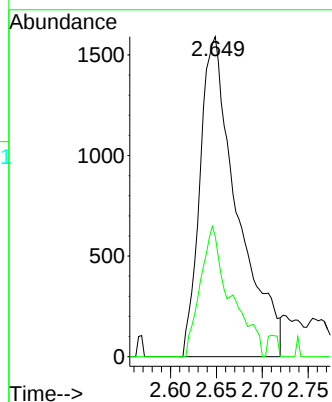
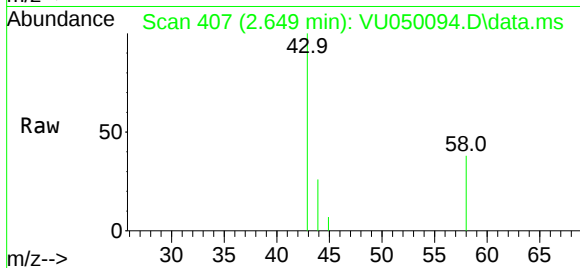
ClientSampleId :

Tgt Ion: 43 Resp: 4484

Ion Ratio Lower Upper

43 100

58 33.1 0.0 64.0



#18

trans-1,2-Dichloroethene

Concen: 0.476 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU050094.D

Acq: 05 Aug 2022 14:12

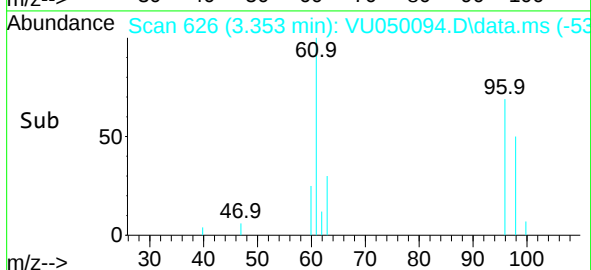
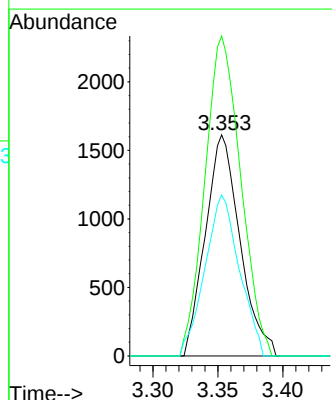
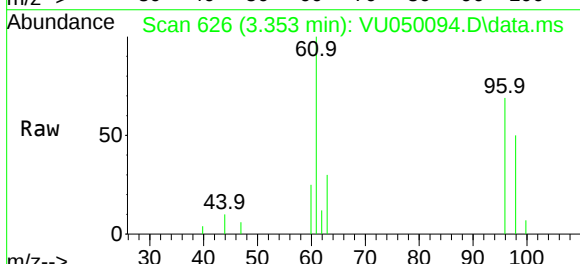
Tgt Ion: 96 Resp: 2989

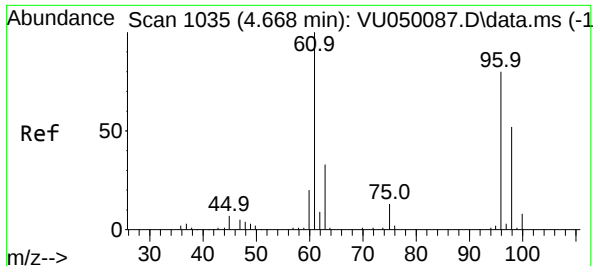
Ion Ratio Lower Upper

96 100

61 144.7 92.3 171.5

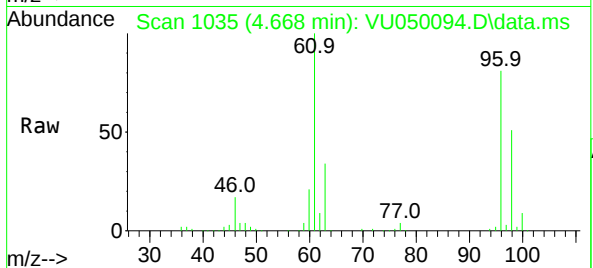
98 72.7 43.2 80.2



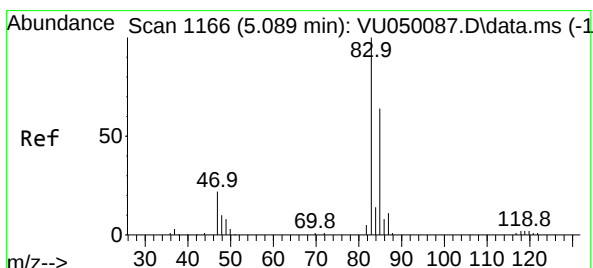
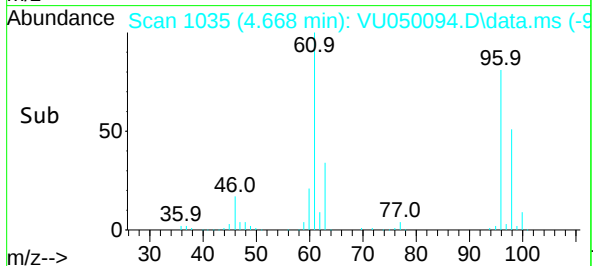
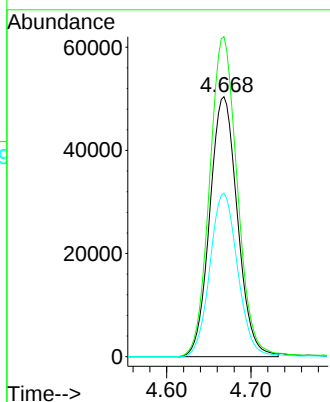


#22
 cis-1,2-Dichloroethene
 Concen: 16.506 ug/L
 RT: 4.668 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: VU050094.D
 Acq: 05 Aug 2022 14:12

Instrument :
 MSVOA_U
 ClientSampleId :

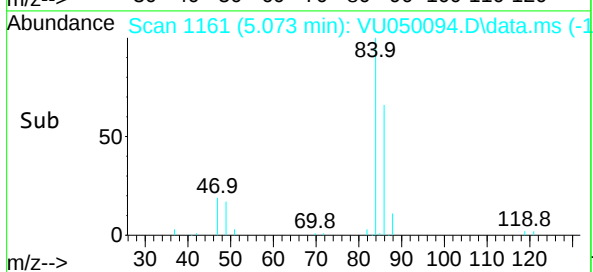
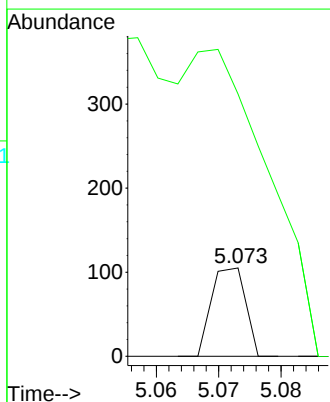
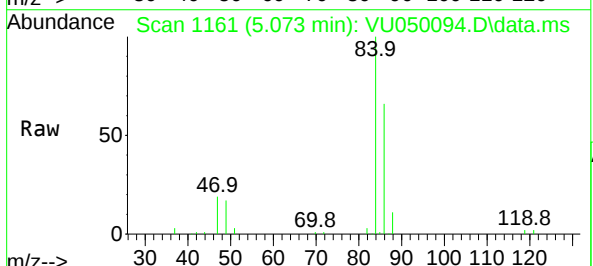


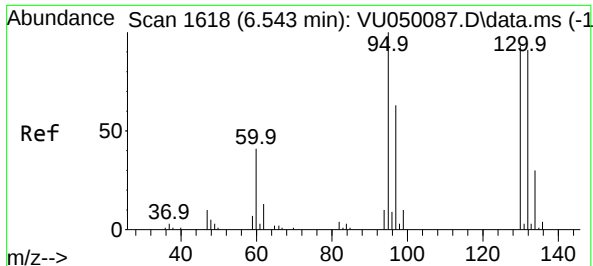
Tgt Ion:	96	Resp:	115025
Ion	Ratio	Lower	Upper
96	100		
61	123.1	89.0	165.4
98	62.9	45.2	84.0



#25
 Chloroform
 Concen: 0.003 ug/L
 RT: 5.073 min Scan# 1161
 Delta R.T. -0.016 min
 Lab File: VU050094.D
 Acq: 05 Aug 2022 14:12

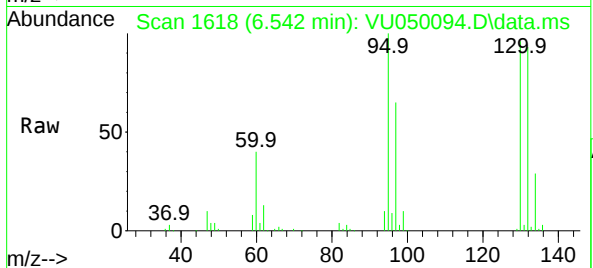
Tgt Ion:	83	Resp:	40
Ion	Ratio	Lower	Upper
83	100		
85	297.1	46.1	85.5#



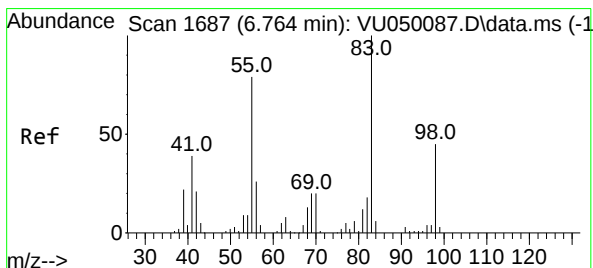
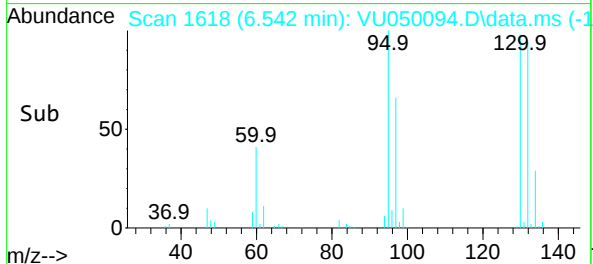
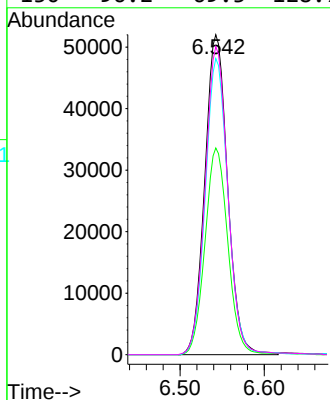


#34
Trichloroethene
Concen: 14.606 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050094.D
Acq: 05 Aug 2022 14:12

Instrument :
MSVOA_U
ClientSampleId :

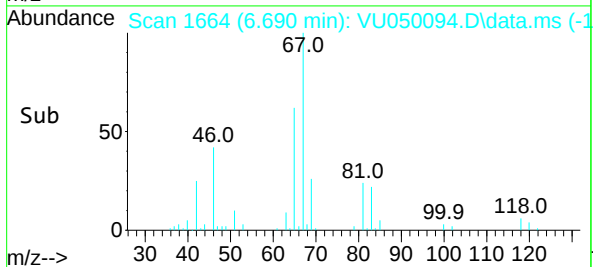
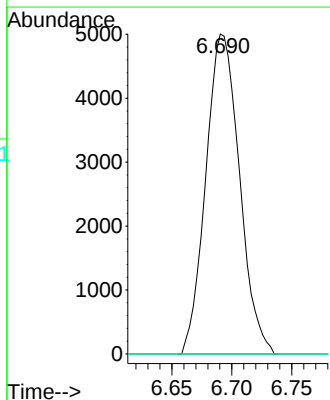
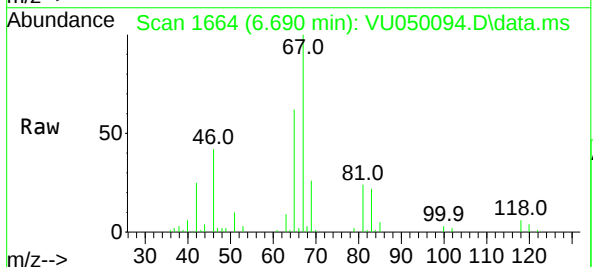


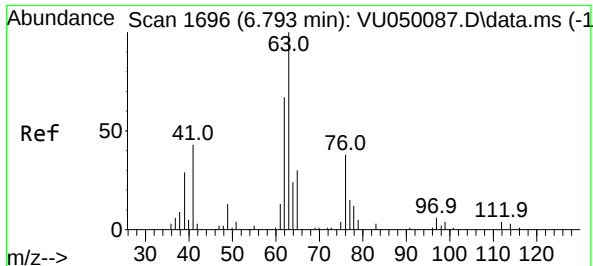
Tgt Ion: 95 Resp: 98051
Ion Ratio Lower Upper
95 100
97 64.6 45.6 84.8
132 92.5 65.0 120.6
130 96.2 69.3 128.7



#35
Methylcyclohexane
Concen: 1.127 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050094.D
Acq: 05 Aug 2022 14:12

Tgt Ion: 83 Resp: 9770
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.583 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU050094.D

Acq: 05 Aug 2022 14:12

Instrument :

MSVOA_U

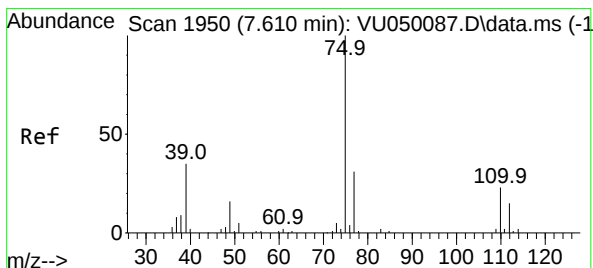
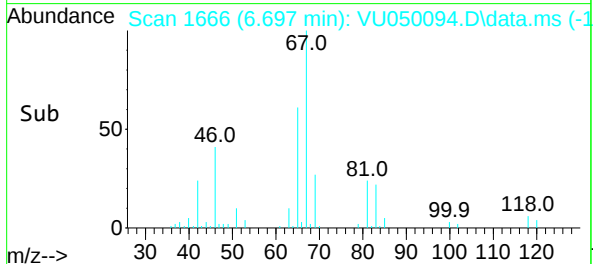
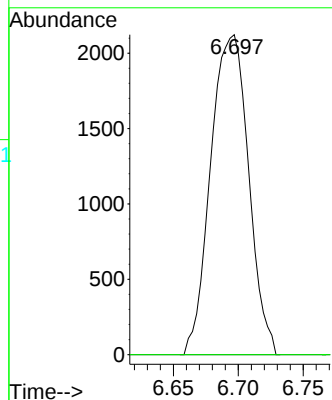
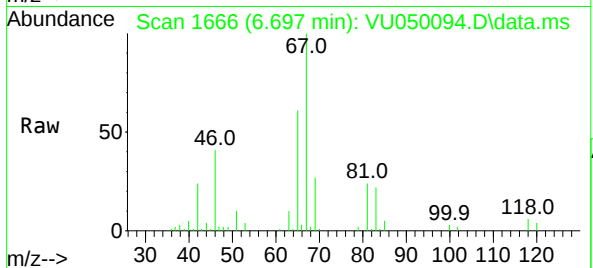
ClientSampleId :

Tgt Ion: 63 Resp: 4314

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU050094.D

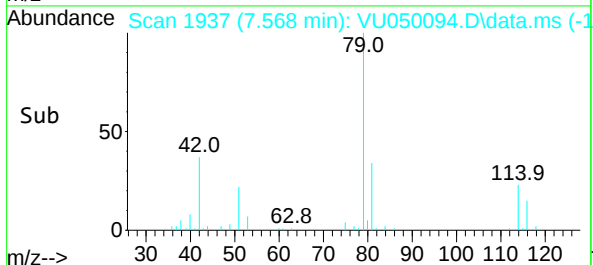
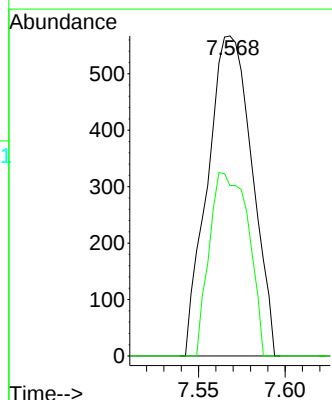
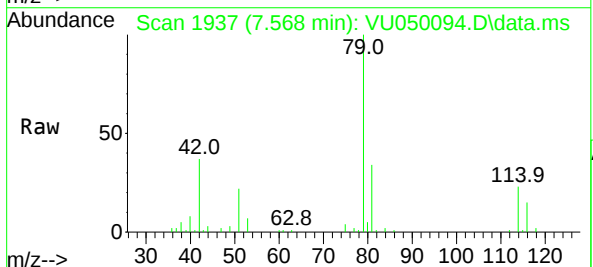
Acq: 05 Aug 2022 14:12

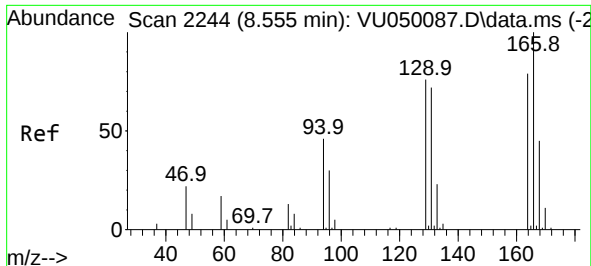
Tgt Ion: 75 Resp: 1010

Ion Ratio Lower Upper

75 100

77 53.3 21.8 40.4#





#47

Tetrachloroethene

Concen: 5.883 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.003 min

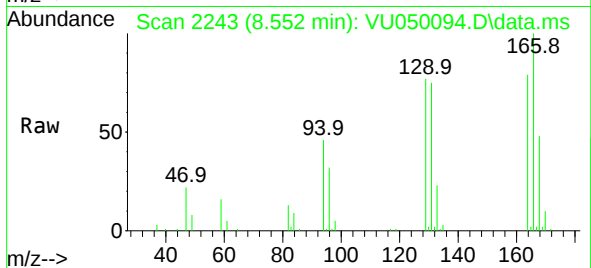
Lab File: VU050094.D

Acq: 05 Aug 2022 14:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 28297

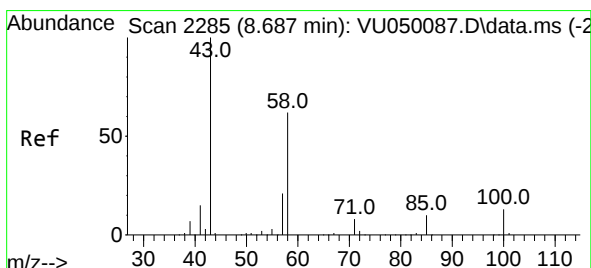
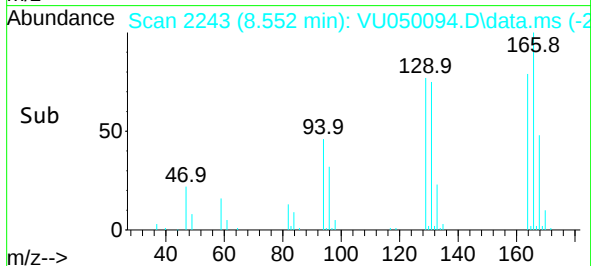
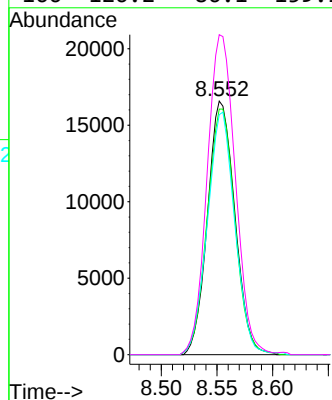
Ion Ratio Lower Upper

164 100

129 96.9 69.0 128.1

131 94.7 65.8 122.2

166 126.2 86.1 159.9



#48

2-Hexanone

Concen: 4.034 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU050094.D

Acq: 05 Aug 2022 14:12

Tgt Ion: 43 Resp: 13362

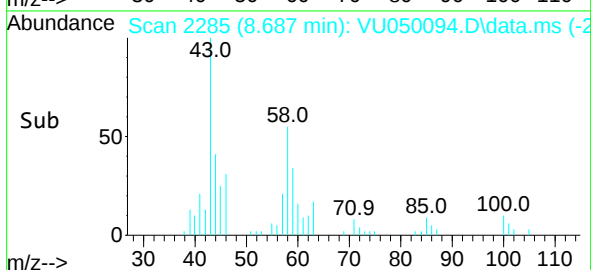
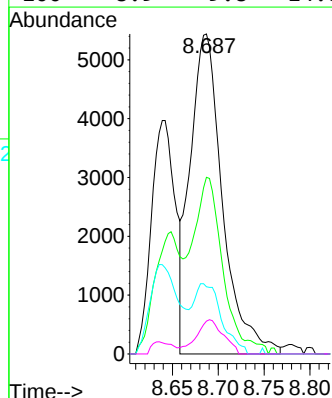
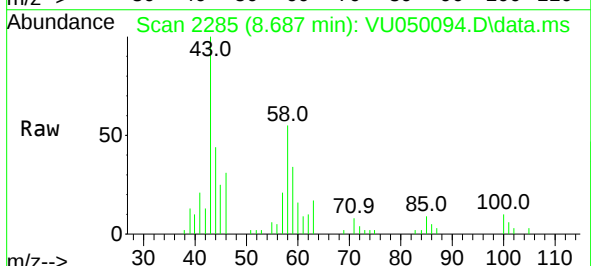
Ion Ratio Lower Upper

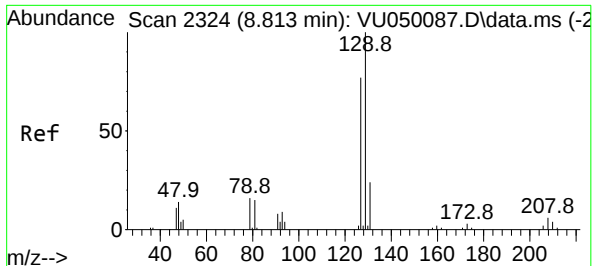
43 100

58 49.8 50.6 76.0#

57 18.9 16.0 24.0

100 8.9 9.8 14.8#





#49

Dibromochloromethane

Concen: 4.540 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU050094.D

Acq: 05 Aug 2022 14:12

Instrument :

MSVOA_U

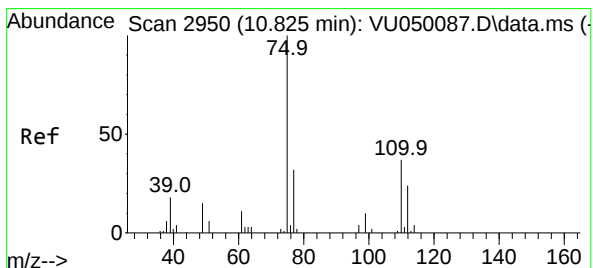
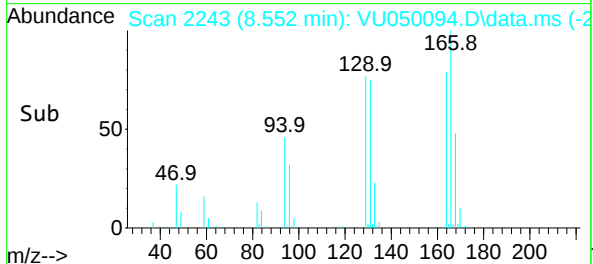
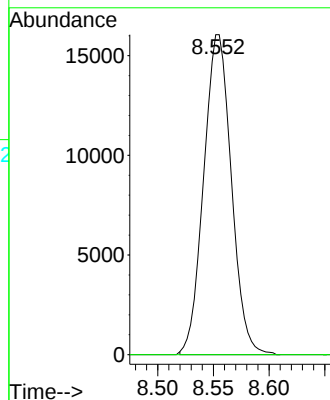
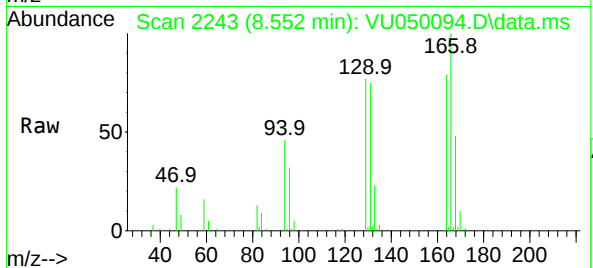
ClientSampleId :

Tgt Ion:129 Resp: 27774

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



#61

1,2,3-Trichloropropane

Concen: 0.839 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050094.D

Acq: 05 Aug 2022 14:12

Tgt Ion: 75 Resp: 3539

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 28.9 25.8 38.6

