

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081522\
 Data File : VU050334.D
 Acq On : 15 Aug 2022 12:20
 Operator : SY/MD
 Sample : N4115-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 16 00:30:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:29:27 2022
 Response via : Initial Calibration

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

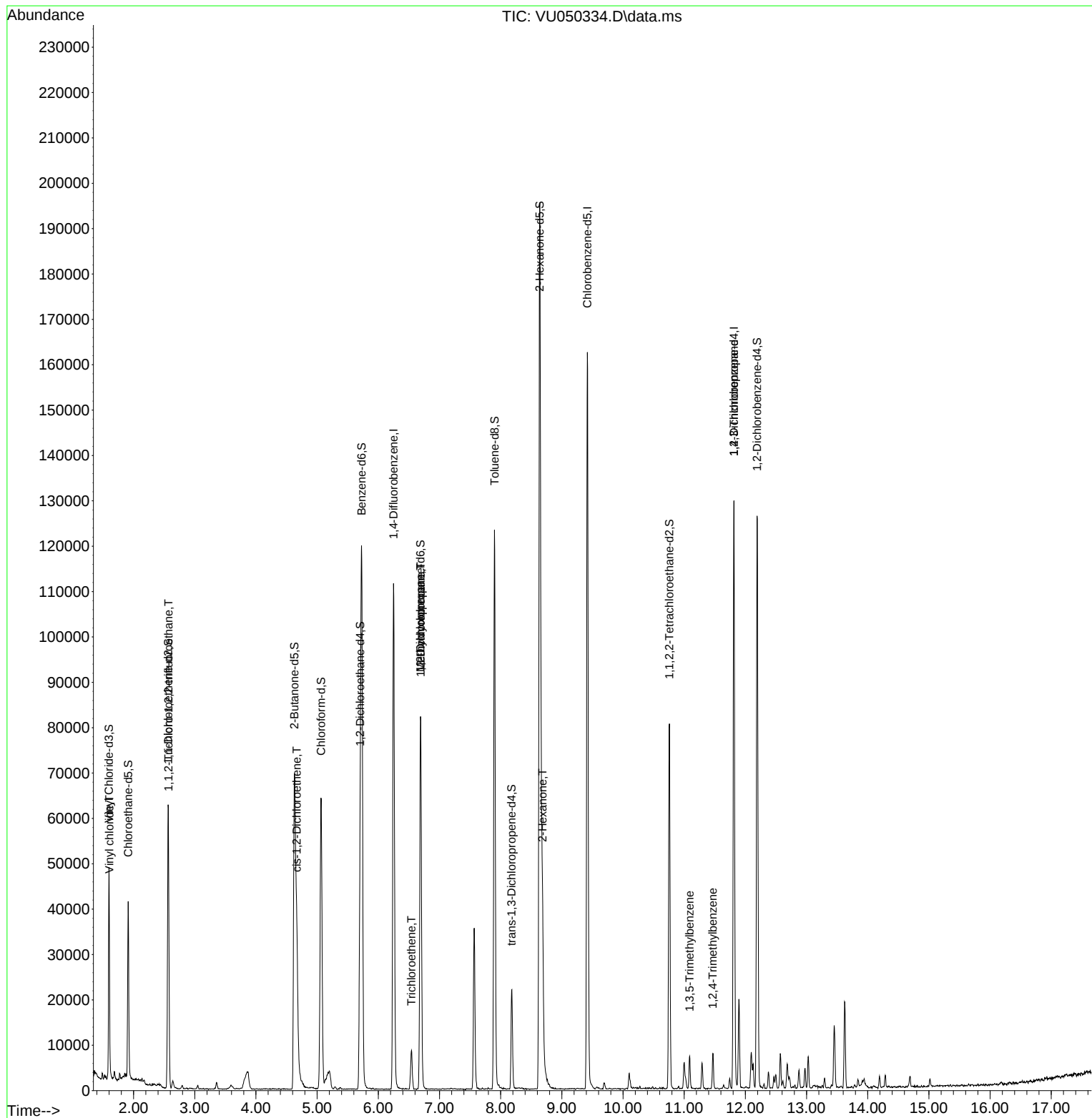
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	92746	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	94659	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35158	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32439	4.203	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.000%	
7) Chloroethane-d5	1.912	69	27899	4.480	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.568	65	11644	3.860	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.200%	
20) 2-Butanone-d5	4.629	46	114894	61.042	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.080%	
24) Chloroform-d	5.067	84	62942	4.384	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	5.703	65	34795	4.720	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.729	84	114319	3.870	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.400%	
36) 1,2-Dichloropropane-d6	6.690	67	42382	4.357	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.200%	
41) Toluene-d8	7.899	98	85565	3.280	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.600%#	
43) trans-1,3-Dichloroprop...	8.179	79	13665	3.920	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.636	63	61898	50.074	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.140%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41944	4.910	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	32901	4.776	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
5) Vinyl chloride	1.604	62	1702	0.171	ug/L #	45
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	307	0.051	ug/L #	22
22) cis-1,2-Dichloroethene	4.668	96	11011	1.382	ug/L	93
34) Trichloroethene	6.542	95	2553	0.318	ug/L	94
35) Methylcyclohexane	6.690	83	9240	0.892	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4307	0.488	ug/L #	89
48) 2-Hexanone	8.684	43	19445	4.913	ug/L #	85
61) 1,2,3-Trichloropropane	11.812	75	4586	0.958	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.089	105	4255	0.641	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	4674	0.259	ug/L	97

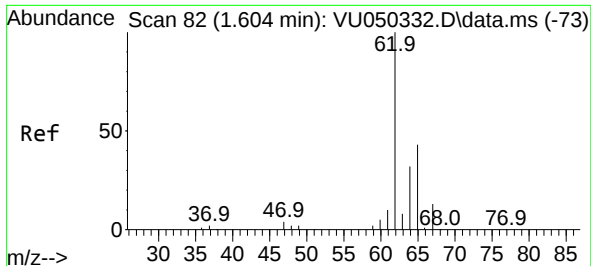
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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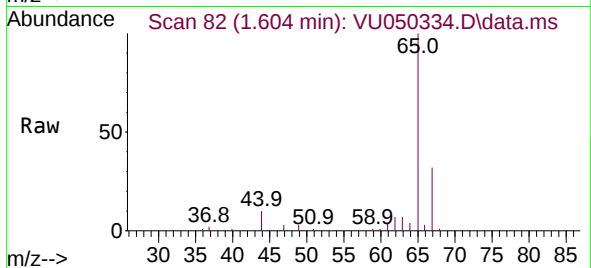
Quant Time: Aug 16 00:30:26 2022
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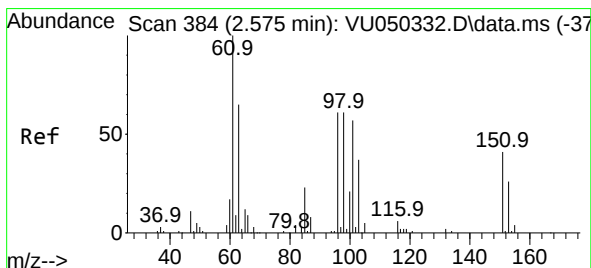
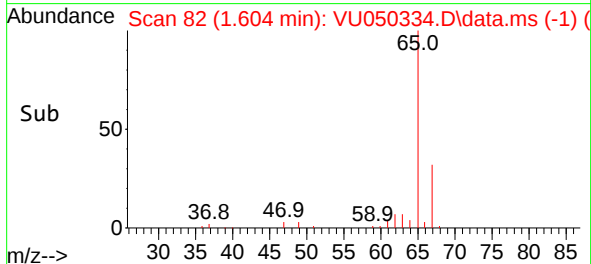
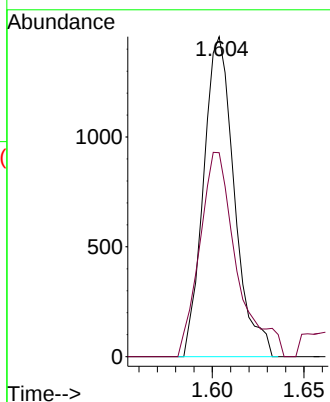


#5
 Vinyl chloride
 Concen: 0.171 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050334.D
 Acq: 15 Aug 2022 12:20

Instrument :
 MSVOA_U
 ClientSampleId :

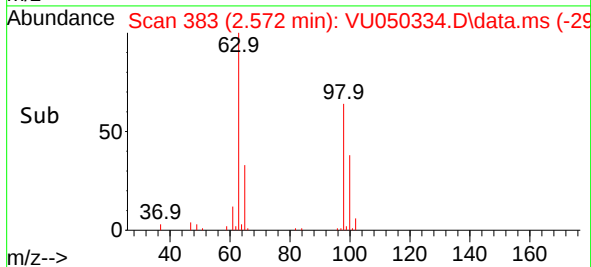
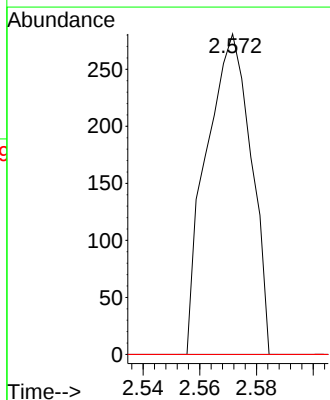
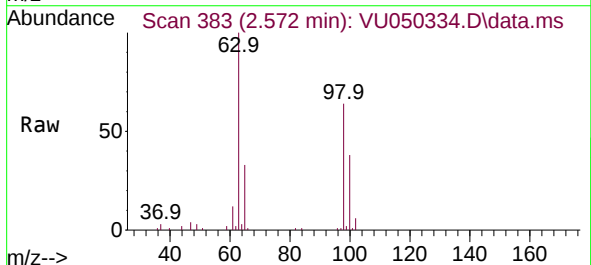


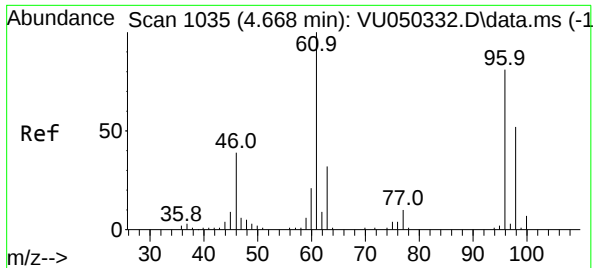
Tgt Ion: 62 Resp: 1702
 Ion Ratio Lower Upper
 62 100
 64 63.8 22.8 42.4#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.051 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.004 min
 Lab File: VU050334.D
 Acq: 15 Aug 2022 12:20

Tgt Ion: 101 Resp: 307
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#





#22

cis-1,2-Dichloroethene

Concen: 1.382 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050334.D

Acq: 15 Aug 2022 12:20

Instrument :

MSVOA_U

ClientSampleId :

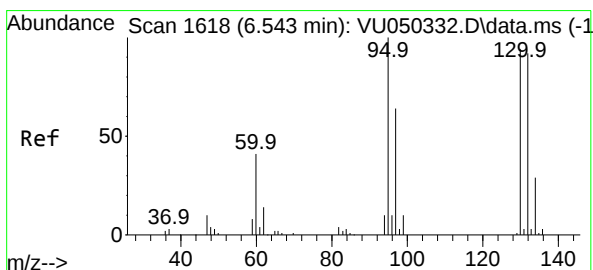
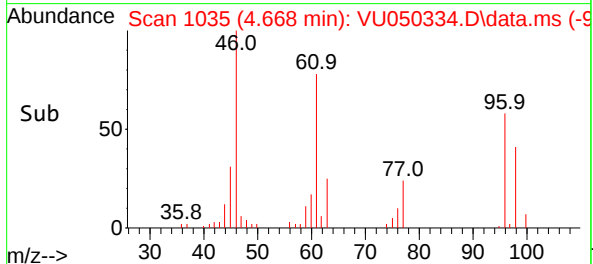
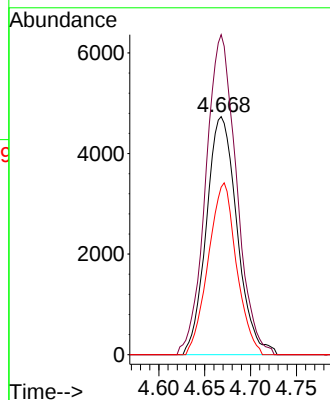
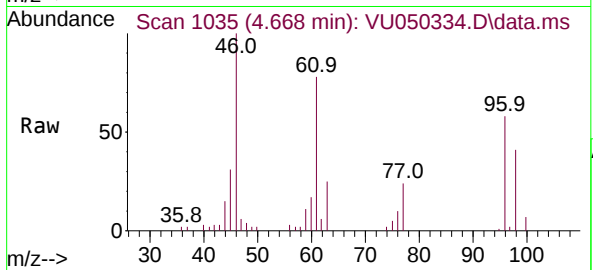
Tgt Ion: 96 Resp: 11011

Ion Ratio Lower Upper

96 100

61 134.4 89.0 165.4

98 70.3 45.2 84.0



#34

Trichloroethene

Concen: 0.318 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU050334.D

Acq: 15 Aug 2022 12:20

Tgt Ion: 95 Resp: 2553

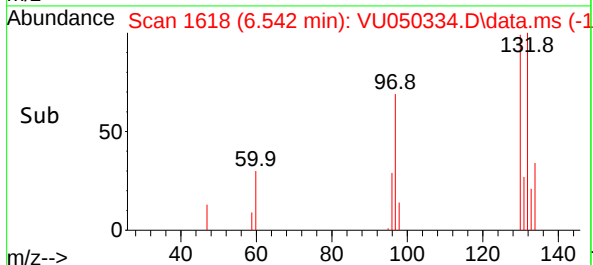
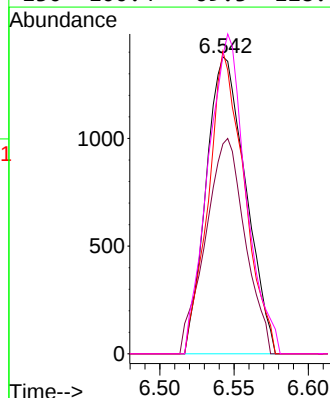
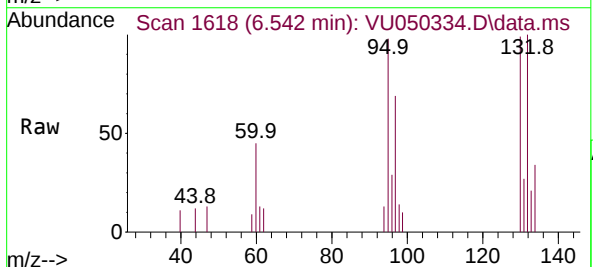
Ion Ratio Lower Upper

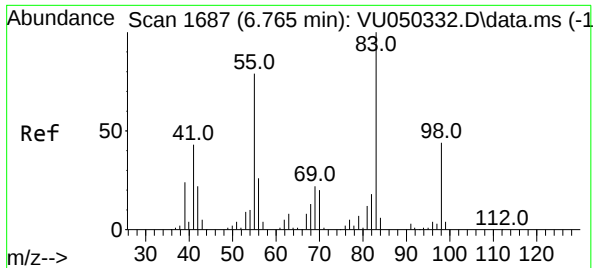
95 100

97 70.7 45.6 84.8

132 101.8 65.0 120.6

130 100.4 69.3 128.7





#35

Methylcyclohexane

Concen: 0.892 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050334.D

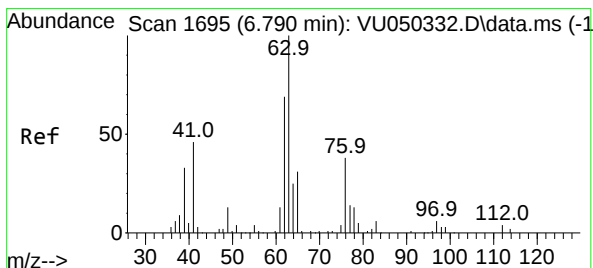
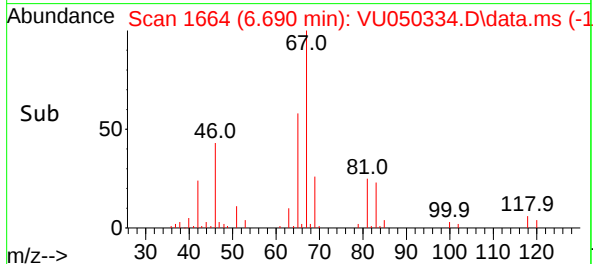
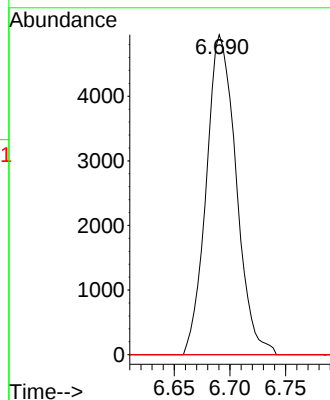
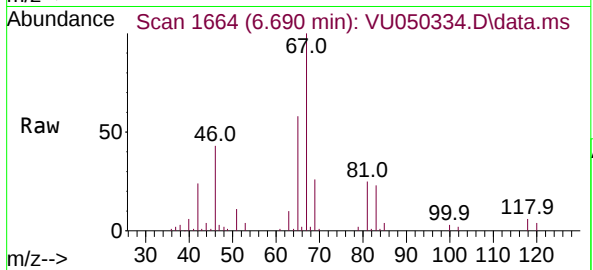
Acq: 15 Aug 2022 12:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 9240
Ion Ratio	Lower Upper
83	100
55	0.0 62.7 94.1#
98	4.4 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.488 ug/L

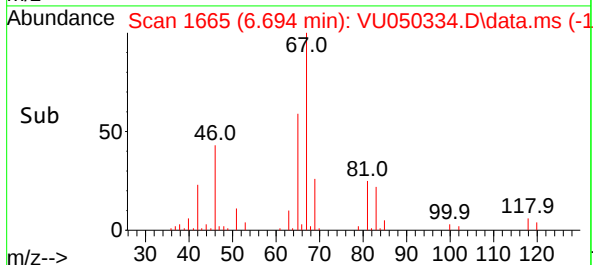
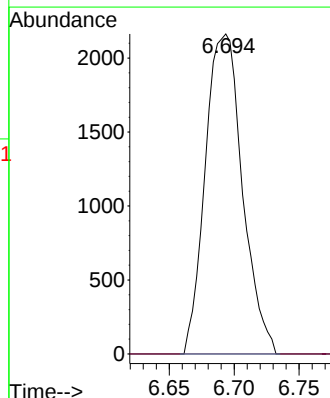
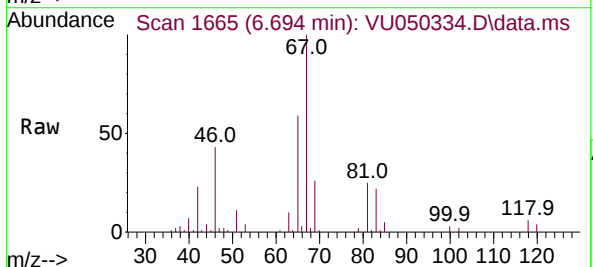
RT: 6.694 min Scan# 1665

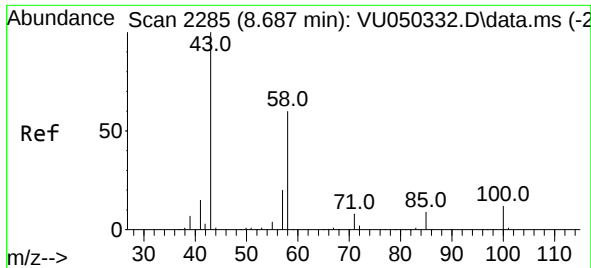
Delta R.T. -0.097 min

Lab File: VU050334.D

Acq: 15 Aug 2022 12:20

Tgt Ion: 63	Resp: 4307
Ion Ratio	Lower Upper
63	100
112	0.0 3.0 4.4#

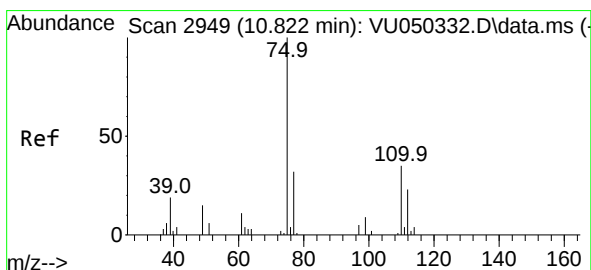
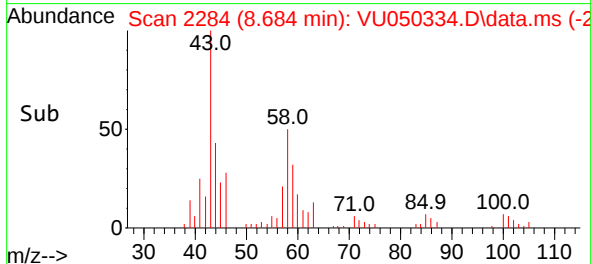
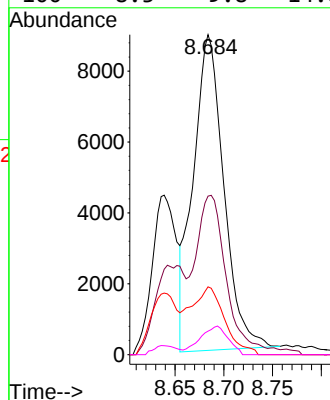
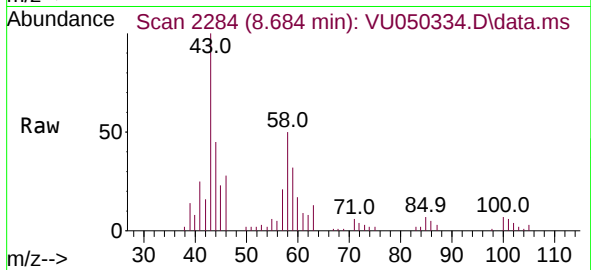




#48
2-Hexanone
Concen: 4.913 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU050334.D
Acq: 15 Aug 2022 12:20

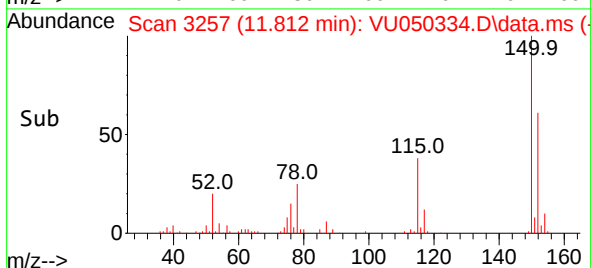
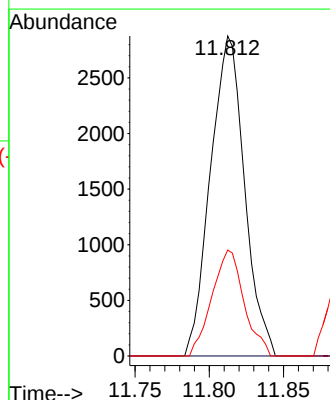
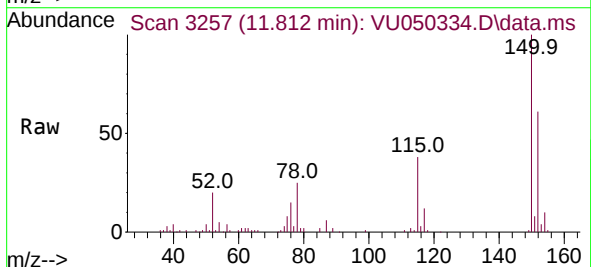
Instrument :
MSVOA_U
ClientSampleId :

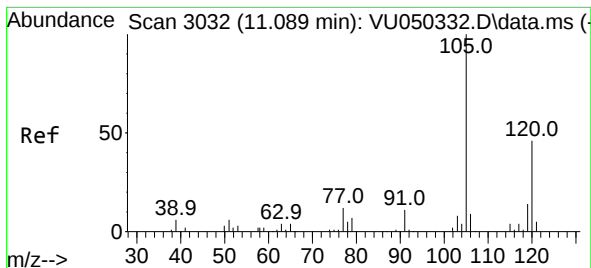
Tgt Ion: 43 Resp: 19445
Ion Ratio Lower Upper
43 100
58 48.6 50.6 76.0#
57 23.1 16.0 24.0
100 8.3 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 0.958 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050334.D
Acq: 15 Aug 2022 12:20

Tgt Ion: 75 Resp: 4586
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 31.3 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 0.641 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU050334.D

Acq: 15 Aug 2022 12:20

Instrument :

MSVOA_U

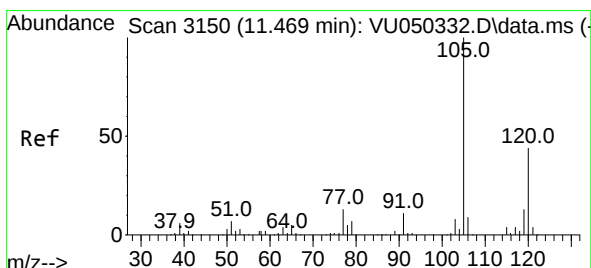
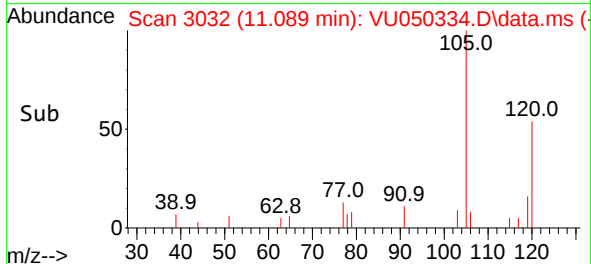
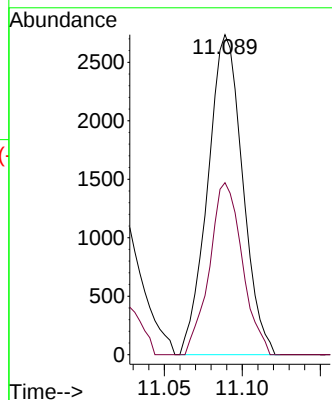
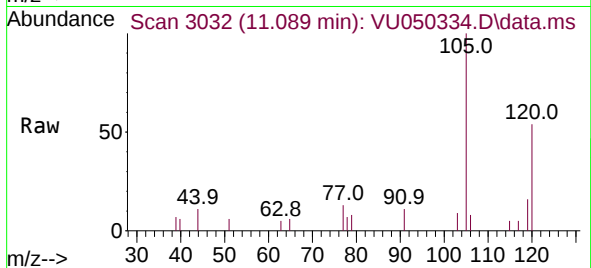
ClientSampleId :

Tgt Ion:105 Resp: 4255

Ion Ratio Lower Upper

105 100

120 50.6 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 0.259 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU050334.D

Acq: 15 Aug 2022 12:20

Tgt Ion:105 Resp: 4674

Ion Ratio Lower Upper

105 100

120 43.0 35.9 53.9

