

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050089.D
 Acq On : 05 Aug 2022 11:38
 Operator : SY/MD
 Sample : N4022-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:33:38 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)

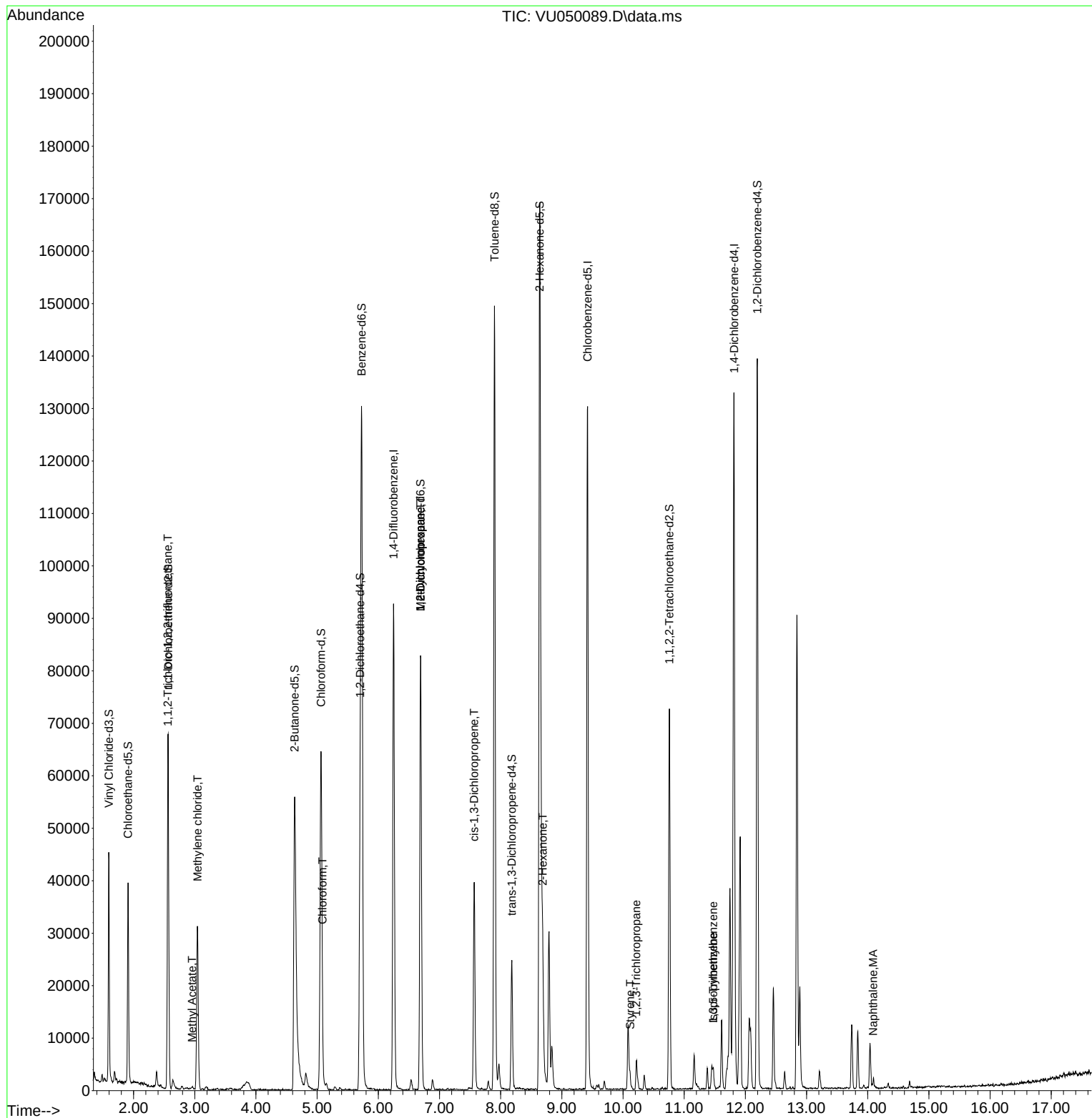
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	77081	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	76626	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	34195	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	32294	5.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%
7) Chloroethane-d5	1.909	69	27587	5.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.565	65	12484	4.980	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	4.633	46	95880	61.293	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.580%
24) Chloroform-d	5.064	84	62706	5.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.703	65	34112	5.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	5.729	84	125912	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	6.690	67	42796	5.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.899	98	105301	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.182	79	14884	5.275	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.400%
46) 2-Hexanone-d5	8.636	63	55262	55.226	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.460%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37969	5.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	38025	5.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	318	0.063	ug/L #	22
15) Methyl Acetate	2.957	43	610	0.256	ug/L #	46
16) Methylene chloride	3.044	84	15685	1.927	ug/L	99
25) Chloroform	5.086	83	1553	0.129	ug/L	92
35) Methylcyclohexane	6.690	83	9498	1.133	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4039	0.565	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	907	0.097	ug/L #	54
48) 2-Hexanone	8.687	43	15145	4.728	ug/L #	88
55) Styrene	10.118	104	917	0.057	ug/L	96
60) Isopropylbenzene	11.475	105	1429	0.063	ug/L #	50
61) 1,2,3-Trichloropropane	10.218	75	1075	0.231	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.475	105	1429	0.221	ug/L #	55
71) Naphthalene	14.089	128	2103	0.165	ug/L #	87

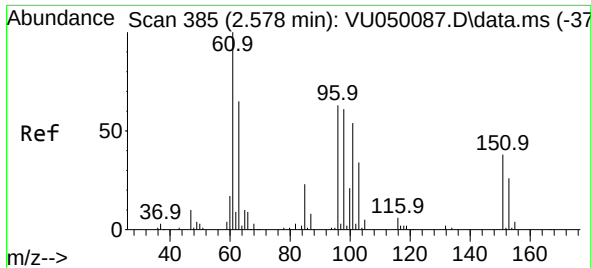
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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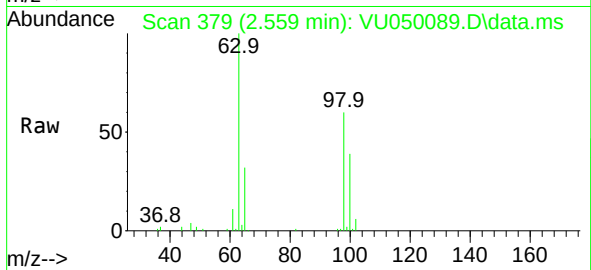
Quant Time: Aug 06 04:33:38 2022
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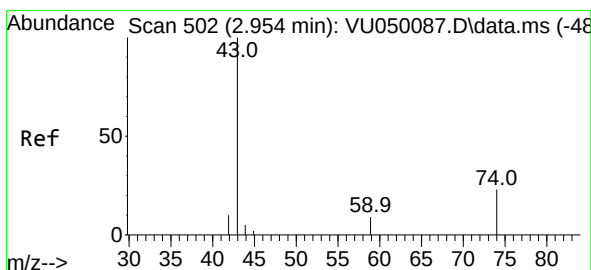
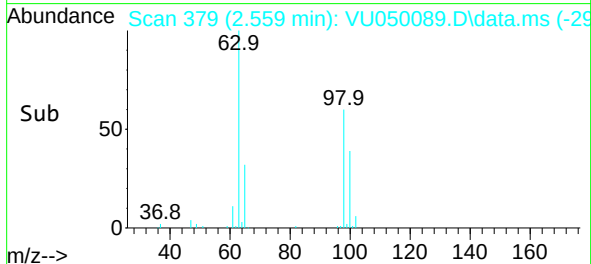
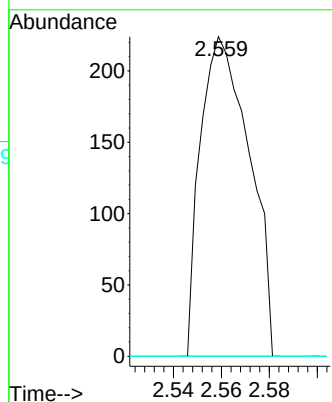


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.063 ug/L
 RT: 2.559 min Scan# 318
 Delta R.T. -0.019 min
 Lab File: VU050089.D
 Acq: 05 Aug 2022 11:38

Instrument :
 MSVOA_U
 ClientSampleId :

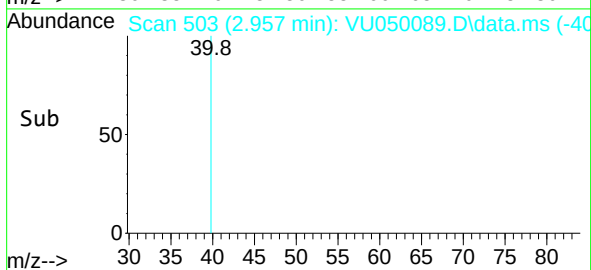
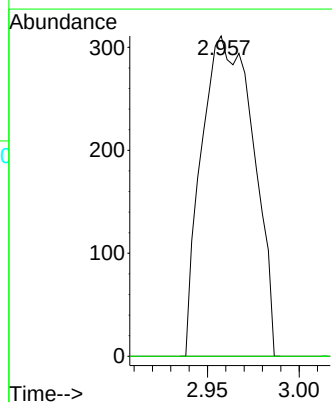
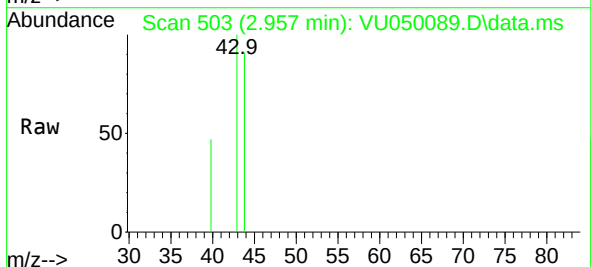


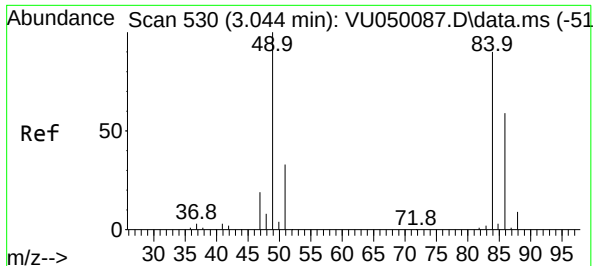
Tgt Ion: 101 Resp: 318
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#



#15
 Methyl Acetate
 Concen: 0.256 ug/L
 RT: 2.957 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU050089.D
 Acq: 05 Aug 2022 11:38

Tgt Ion: 43 Resp: 610
 Ion Ratio Lower Upper
 43 100
 74 0.0 22.7 34.1#





#16

Methylene chloride

Concen: 1.927 ug/L

RT: 3.044 min Scan# 51

Delta R.T. 0.000 min

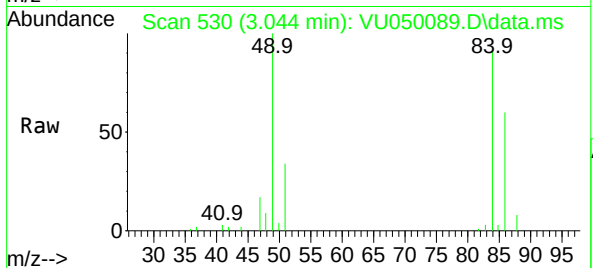
Lab File: VU050089.D

Acq: 05 Aug 2022 11:38

Instrument :

MSVOA_U

ClientSampleId :



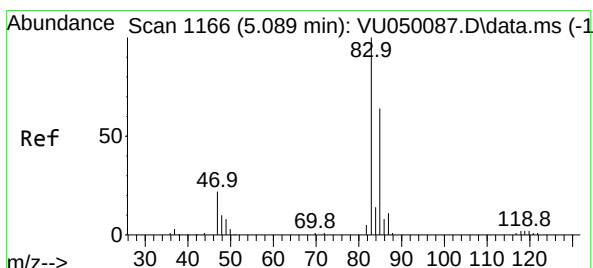
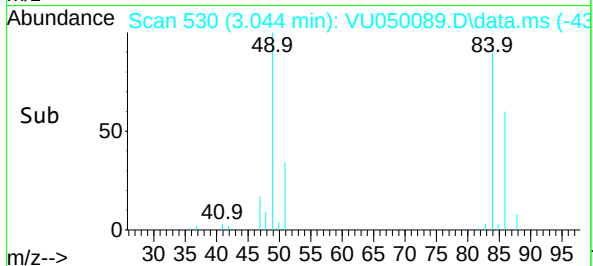
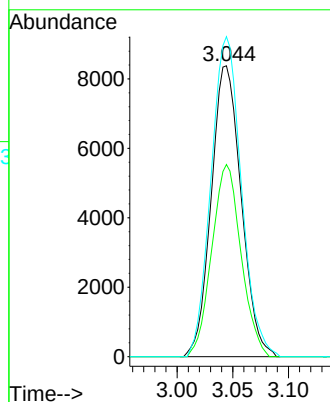
Tgt Ion: 84 Resp: 15685

Ion Ratio Lower Upper

84 100

86 66.0 45.9 85.3

49 110.0 77.6 144.0



#25

Chloroform

Concen: 0.129 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050089.D

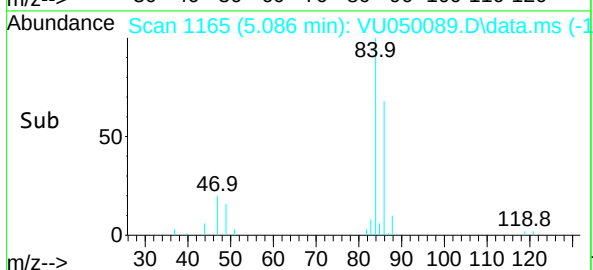
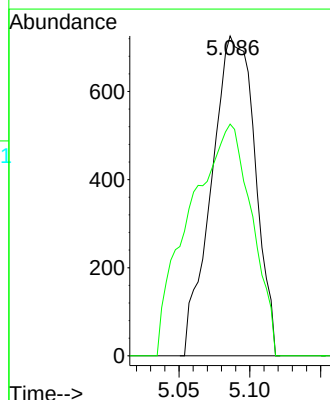
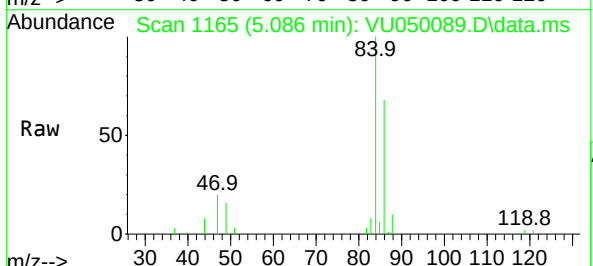
Acq: 05 Aug 2022 11:38

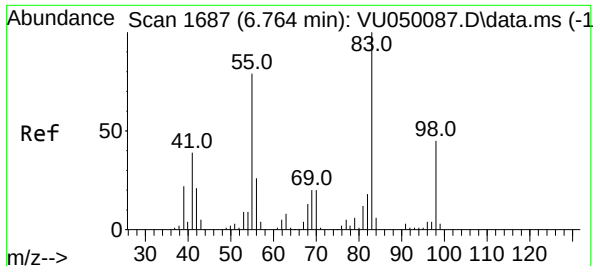
Tgt Ion: 83 Resp: 1553

Ion Ratio Lower Upper

83 100

85 72.5 46.1 85.5





#35

Methylcyclohexane

Concen: 1.133 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050089.D

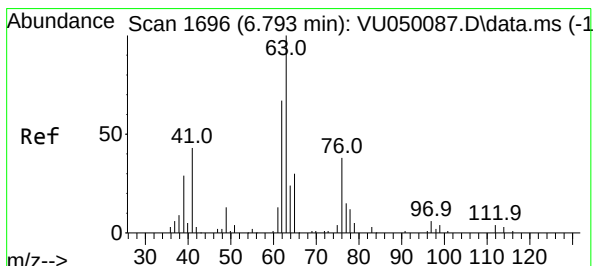
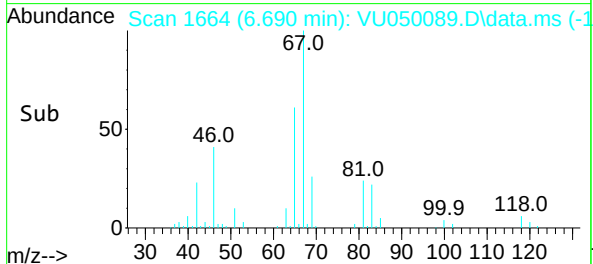
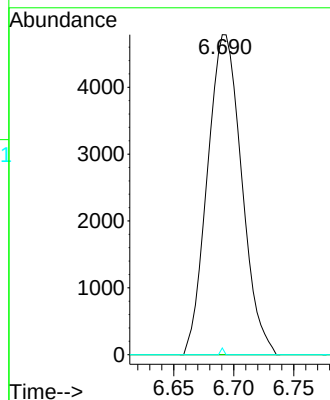
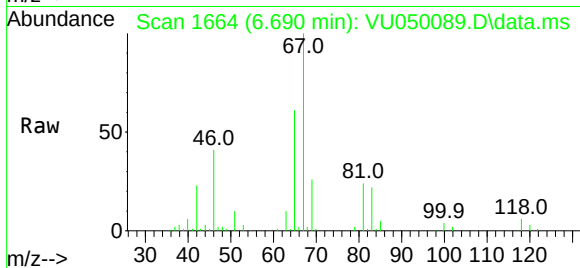
Acq: 05 Aug 2022 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 9498
Ion Ratio	Lower Upper
83 100	
55 0.7	62.7 94.1#
98 0.2	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.565 ug/L

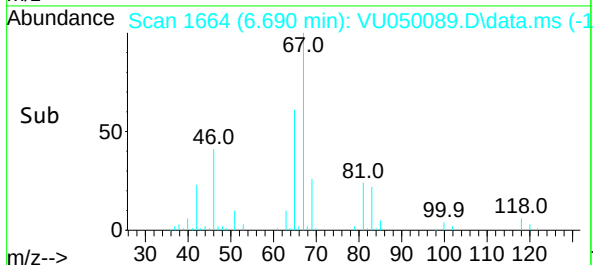
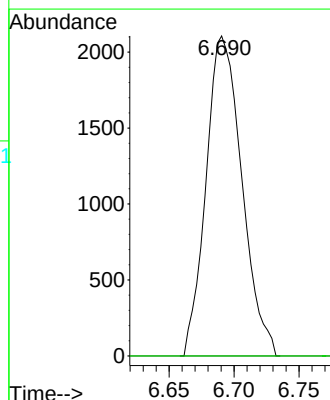
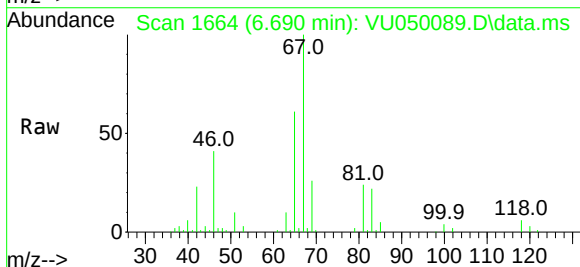
RT: 6.690 min Scan# 1664

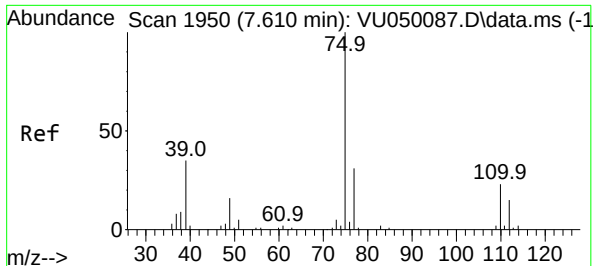
Delta R.T. -0.103 min

Lab File: VU050089.D

Acq: 05 Aug 2022 11:38

Tgt Ion: 63	Resp: 4039
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU050089.D

Acq: 05 Aug 2022 11:38

Instrument :

MSVOA_U

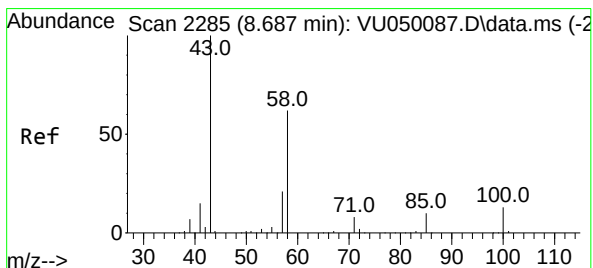
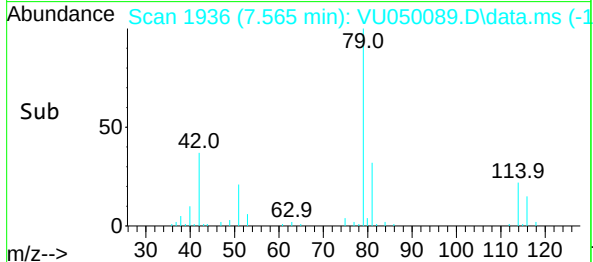
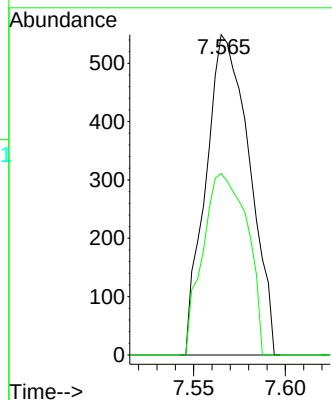
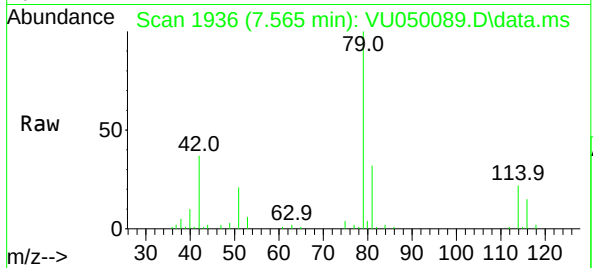
ClientSampleId :

Tgt Ion: 75 Resp: 907

Ion Ratio Lower Upper

75 100

77 56.6 21.8 40.4#



#48

2-Hexanone

Concen: 4.728 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU050089.D

Acq: 05 Aug 2022 11:38

Tgt Ion: 43 Resp: 15145

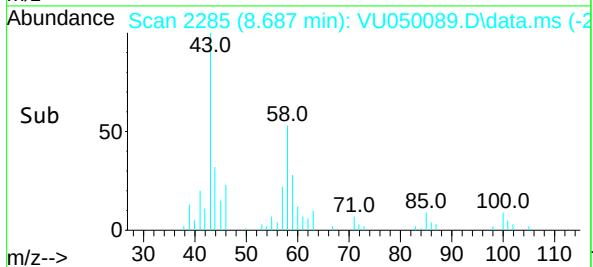
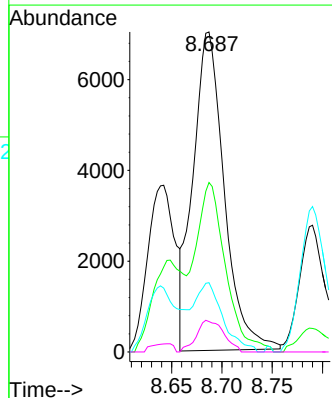
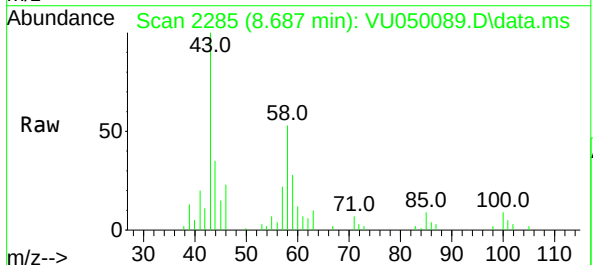
Ion Ratio Lower Upper

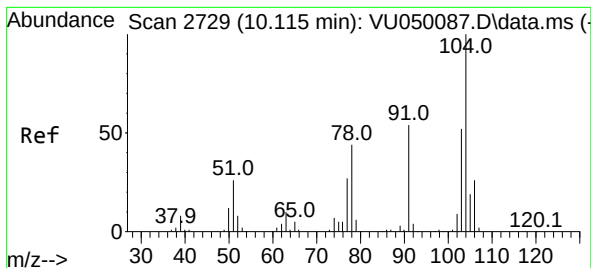
43 100

58 50.8 50.6 76.0

57 20.4 16.0 24.0

100 8.7 9.8 14.8#





#55

Styrene

Concen: 0.057 ug/L

RT: 10.118 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU050089.D

Acq: 05 Aug 2022 11:38

Instrument :

MSVOA_U

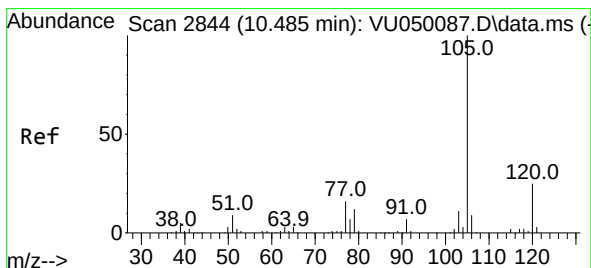
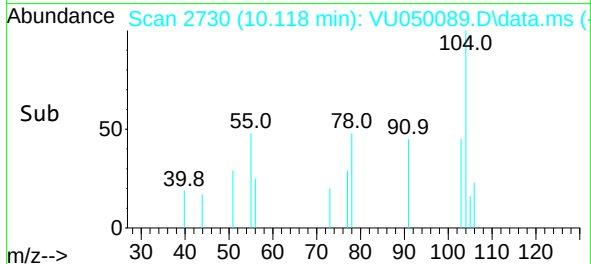
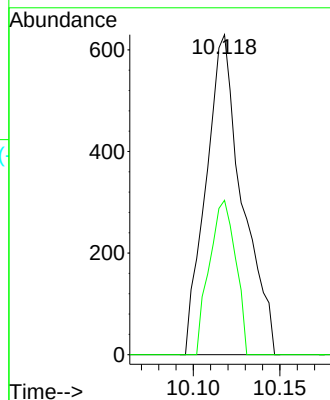
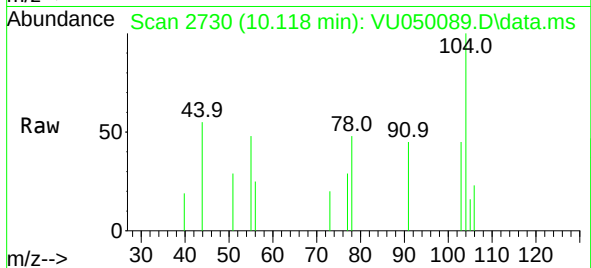
ClientSampleId :

Tgt Ion:104 Resp: 917

Ion Ratio Lower Upper

104 100

78 48.3 31.9 59.3



#60

Isopropylbenzene

Concen: 0.063 ug/L

RT: 11.475 min Scan# 3152

Delta R.T. 0.990 min

Lab File: VU050089.D

Acq: 05 Aug 2022 11:38

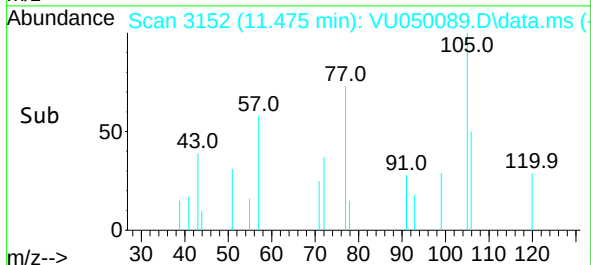
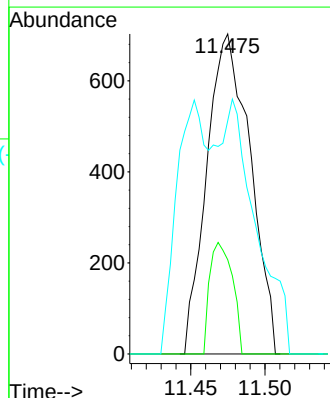
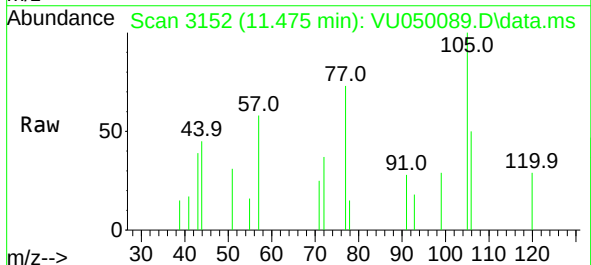
Tgt Ion:105 Resp: 1429

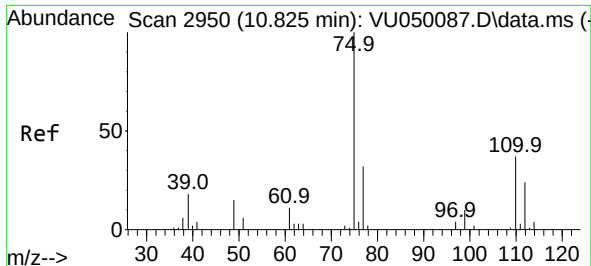
Ion Ratio Lower Upper

105 100

120 18.1 20.8 31.2#

77 60.8 12.6 19.0#

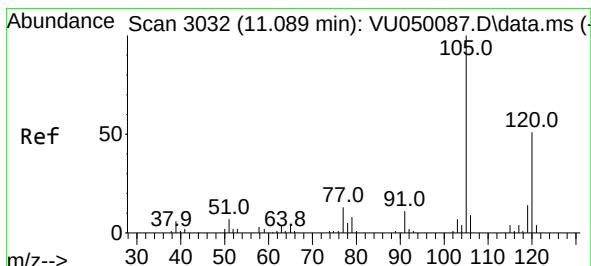
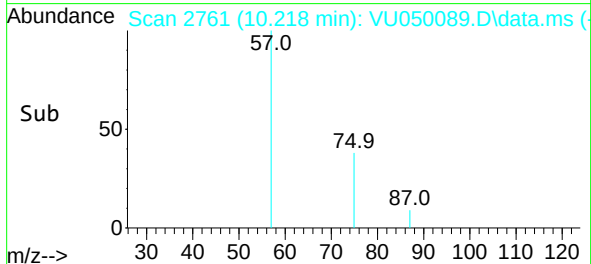
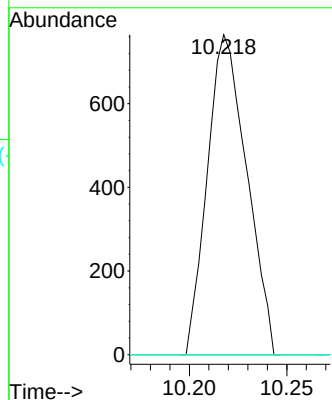
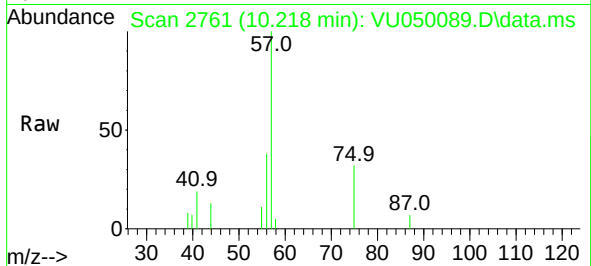




#61
1,2,3-Trichloropropane
Concen: 0.231 ug/L
RT: 10.218 min Scan# 21
Delta R.T. -0.608 min
Lab File: VU050089.D
Acq: 05 Aug 2022 11:38

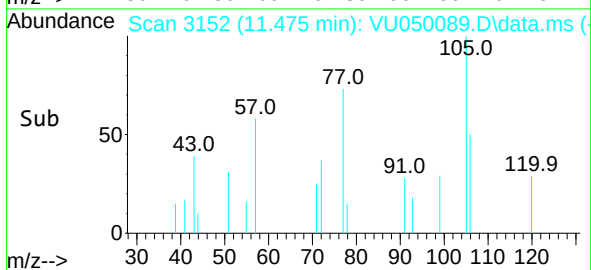
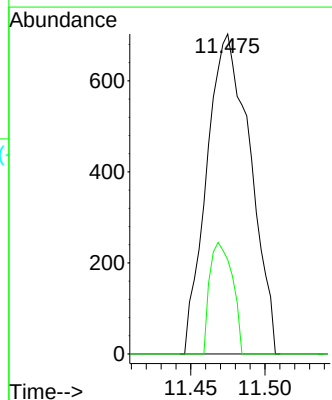
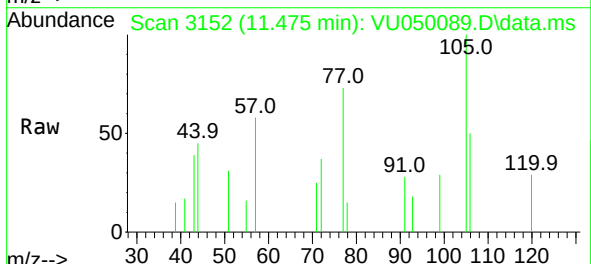
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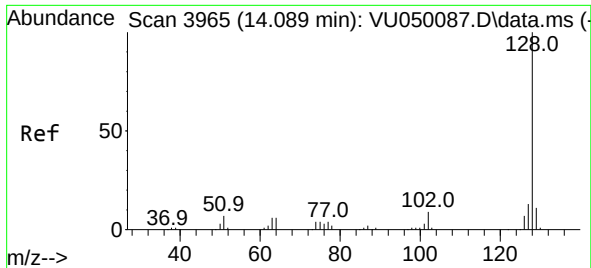
Tgt Ion: 75 Resp: 1075
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 30.1 25.8 38.6



#62
1,3,5-Trimethylbenzene
Concen: 0.221 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.386 min
Lab File: VU050089.D
Acq: 05 Aug 2022 11:38

Tgt Ion: 105 Resp: 1429
Ion Ratio Lower Upper
105 100
120 18.1 38.9 58.3#





#71

Naphthalene

Concen: 0.165 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.000 min

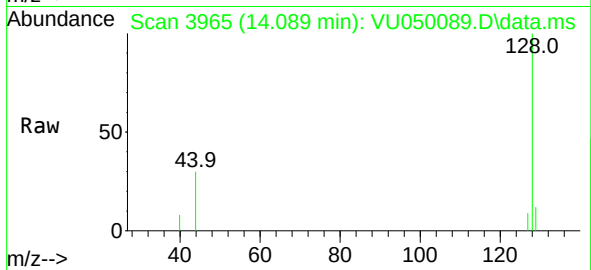
Lab File: VU050089.D

Acq: 05 Aug 2022 11:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 2103

Ion Ratio Lower Upper

128 100

129 6.0 8.6 12.8#

127 7.6 10.6 16.0#

