

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050090.D
 Acq On : 05 Aug 2022 12:02
 Operator : SY/MD
 Sample : N4022-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:33:57 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)

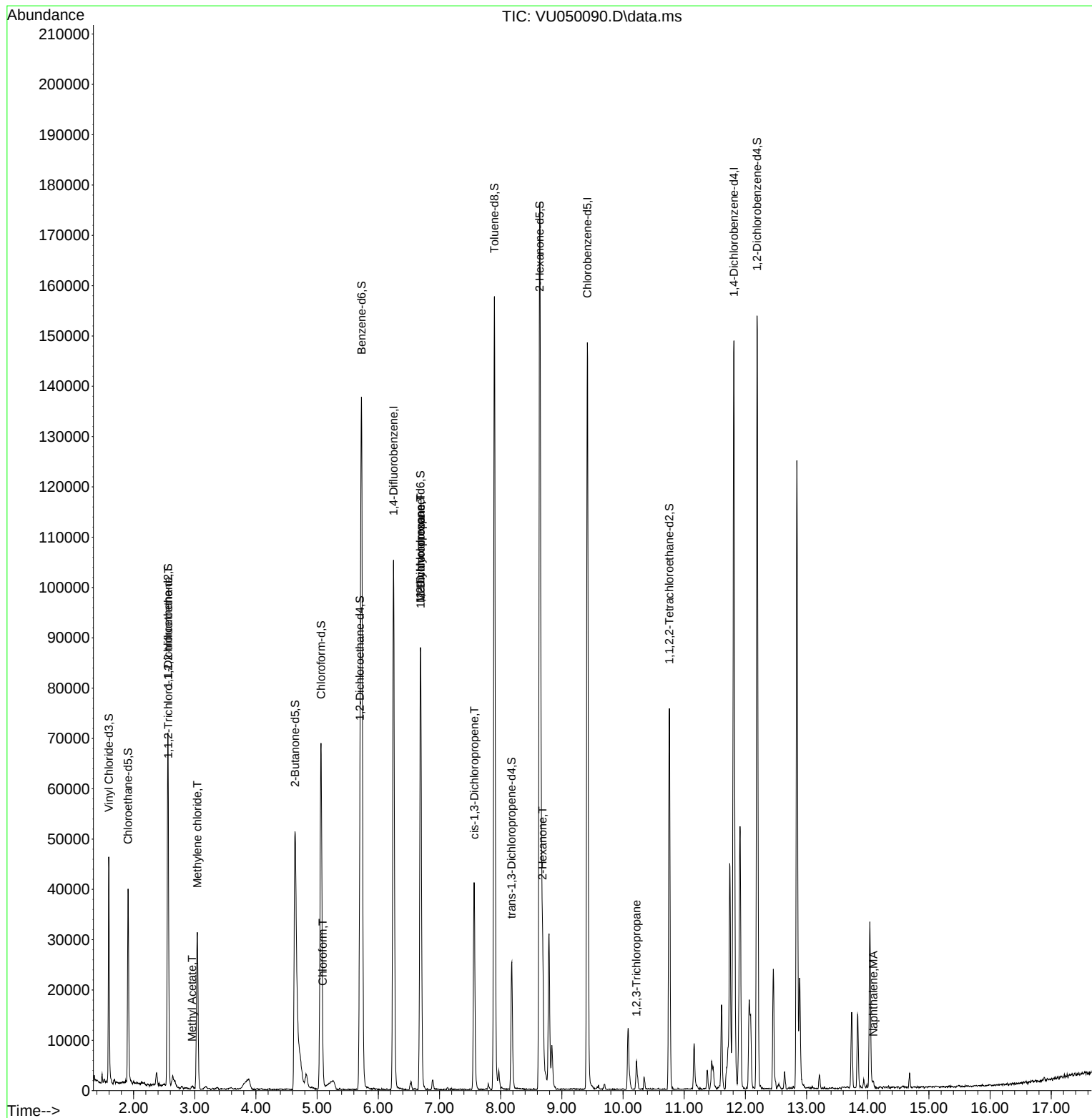
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86406	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	87066	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	31871	4.432	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.600%	
7) Chloroethane-d5	1.909	69	27934	4.815	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.562	65	13187	4.692	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.800%	
20) 2-Butanone-d5	4.639	46	102585	58.502	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.000%	
24) Chloroform-d	5.063	84	66150	4.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
26) 1,2-Dichloroethane-d4	5.700	65	34983	5.094	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.726	84	132978	4.894	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.690	67	45930	5.133	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.896	98	109886	4.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	8.179	79	15942	4.972	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.400%	
46) 2-Hexanone-d5	8.636	63	58437	51.397	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.800%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39759	5.060	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	40092	5.186	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	286	0.051	ug/L #	22
15) Methyl Acetate	2.957	43	758	0.284	ug/L #	57
16) Methylene chloride	3.041	84	15264	1.673	ug/L	96
25) Chloroform	5.092	83	1449	0.107	ug/L	94
35) Methylcyclohexane	6.690	83	10351	1.087	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4637	0.571	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1034	0.098	ug/L #	40
48) 2-Hexanone	8.684	43	14650	4.025	ug/L #	89
61) 1,2,3-Trichloropropane	10.221	75	1096	0.204	ug/L #	41
71) Naphthalene	14.092	128	1501	0.102	ug/L #	69

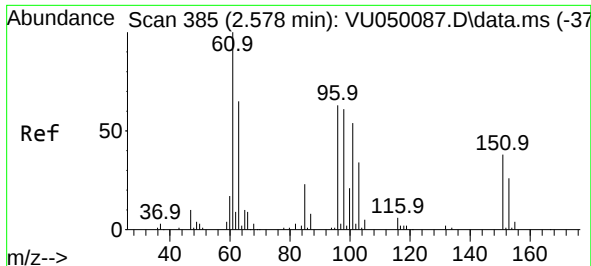
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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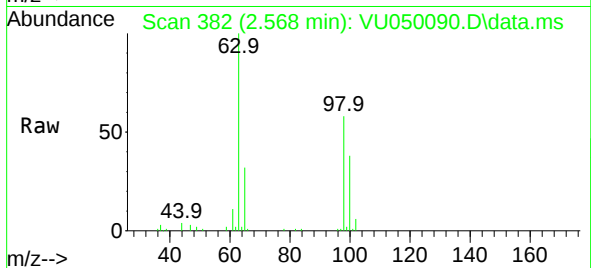
Quant Time: Aug 06 04:33:57 2022
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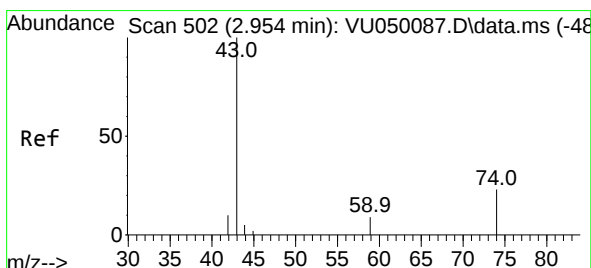
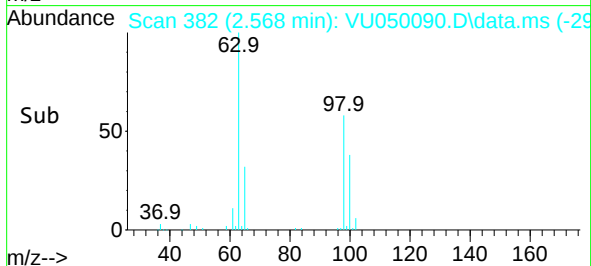
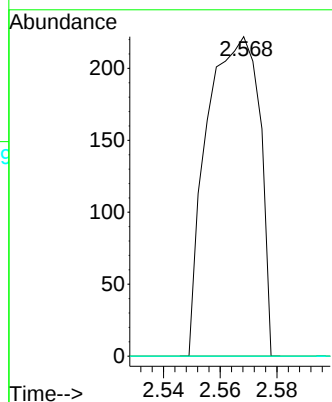


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.051 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU050090.D
 Acq: 05 Aug 2022 12:02

Instrument :
 MSVOA_U
 ClientSampleId :

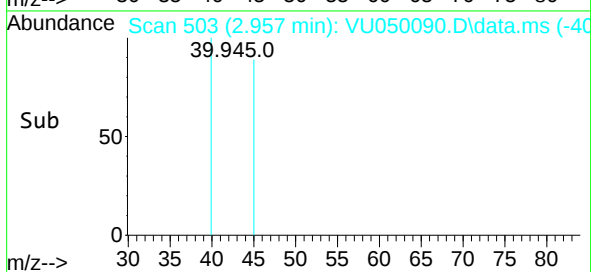
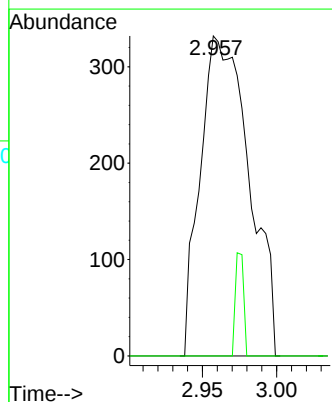
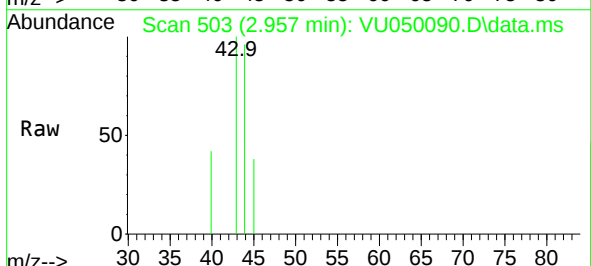


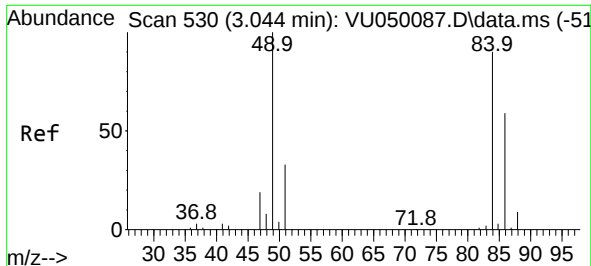
Tgt Ion: 101 Resp: 286
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#



#15
 Methyl Acetate
 Concen: 0.284 ug/L
 RT: 2.957 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU050090.D
 Acq: 05 Aug 2022 12:02

Tgt Ion: 43 Resp: 758
 Ion Ratio Lower Upper
 43 100
 74 5.4 22.7 34.1#





#16

Methylene chloride

Concen: 1.673 ug/L

RT: 3.041 min Scan# 51

Delta R.T. -0.003 min

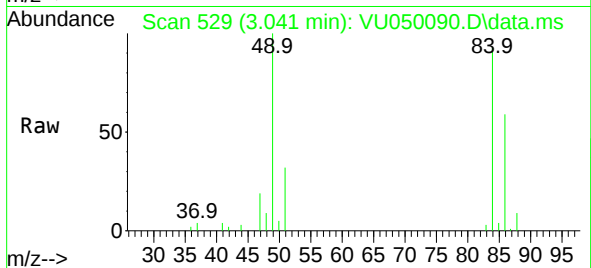
Lab File: VU050090.D

Acq: 05 Aug 2022 12:02

Instrument :

MSVOA_U

ClientSampleId :



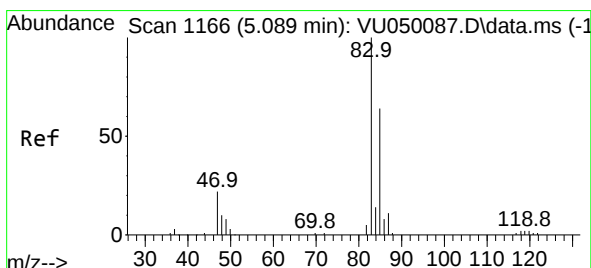
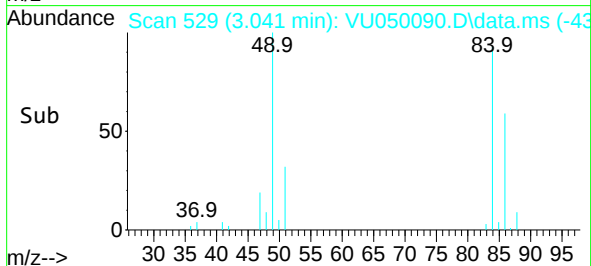
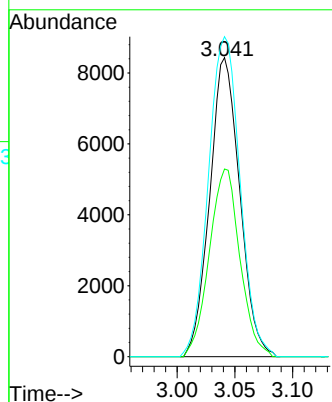
Tgt Ion: 84 Resp: 15264

Ion Ratio Lower Upper

84 100

86 62.8 45.9 85.3

49 107.0 77.6 144.0



#25

Chloroform

Concen: 0.107 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU050090.D

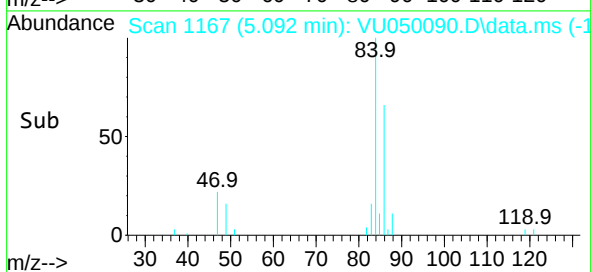
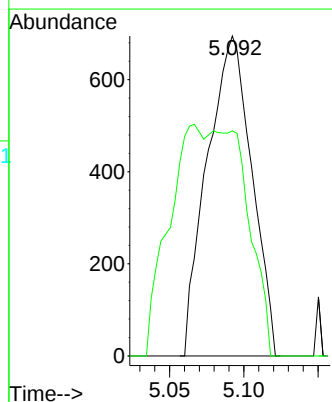
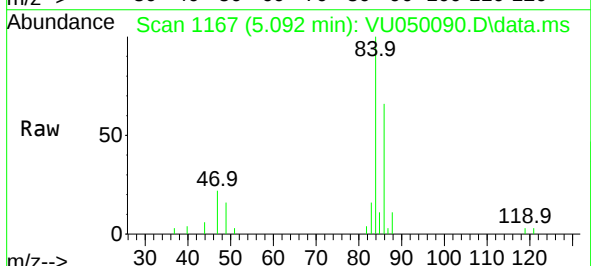
Acq: 05 Aug 2022 12:02

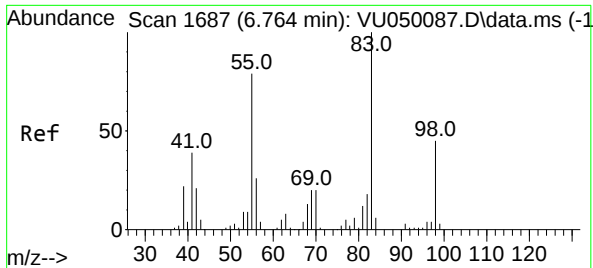
Tgt Ion: 83 Resp: 1449

Ion Ratio Lower Upper

83 100

85 70.4 46.1 85.5

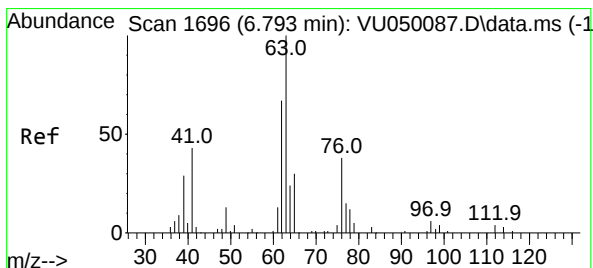
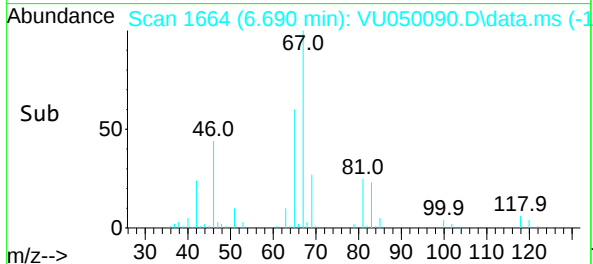
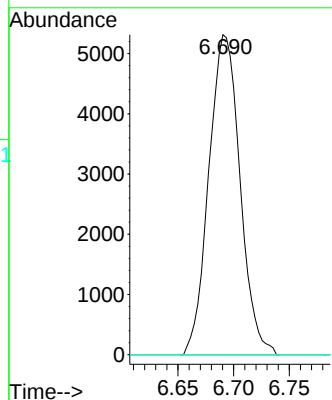
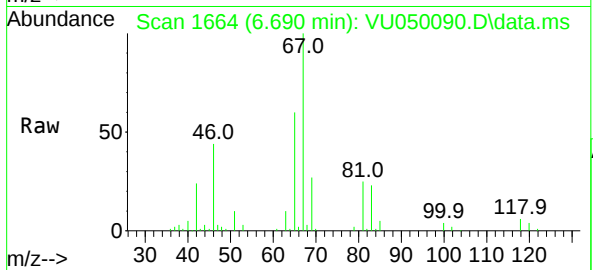




#35
Methylcyclohexane
Concen: 1.087 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050090.D
Acq: 05 Aug 2022 12:02

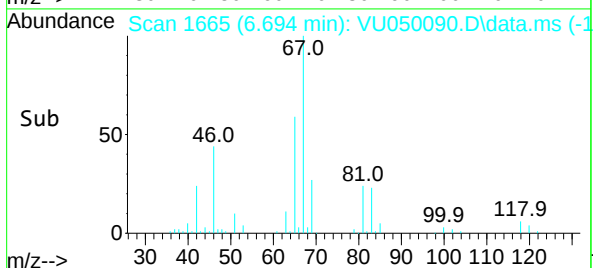
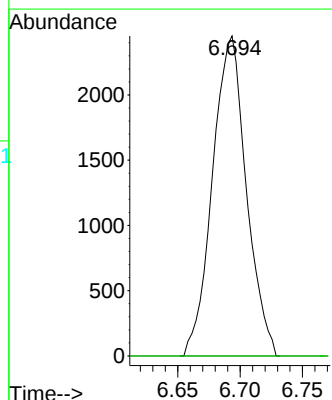
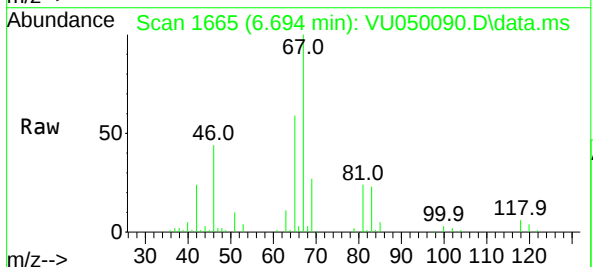
Instrument :
MSVOA_U
ClientSampleId :

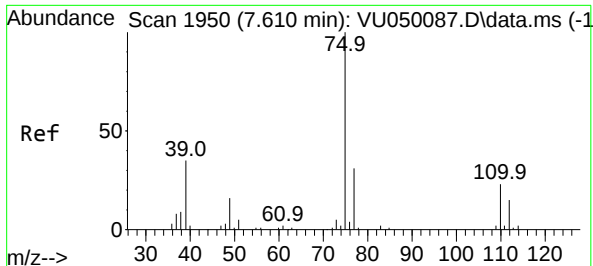
Tgt Ion: 83 Resp: 10351
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.5 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU050090.D
Acq: 05 Aug 2022 12:02

Tgt Ion: 63 Resp: 4637
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU050090.D

Acq: 05 Aug 2022 12:02

Instrument :

MSVOA_U

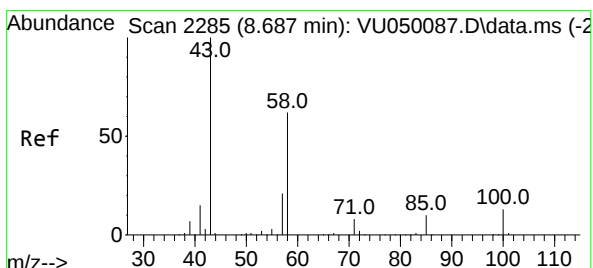
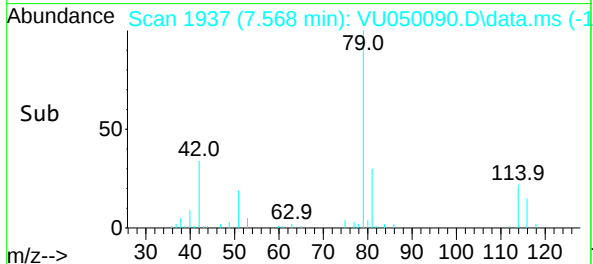
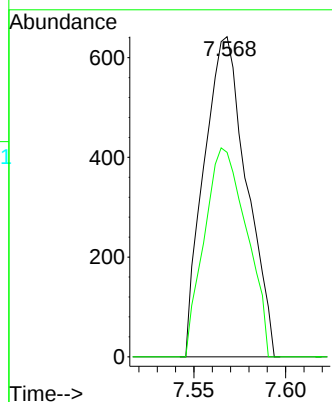
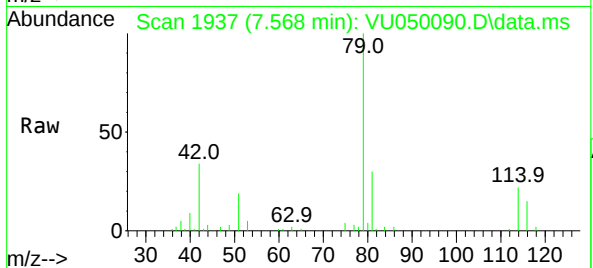
ClientSampleId :

Tgt Ion: 75 Resp: 1034

Ion Ratio Lower Upper

75 100

77 63.9 21.8 40.4#



#48

2-Hexanone

Concen: 4.025 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. -0.003 min

Lab File: VU050090.D

Acq: 05 Aug 2022 12:02

Tgt Ion: 43 Resp: 14650

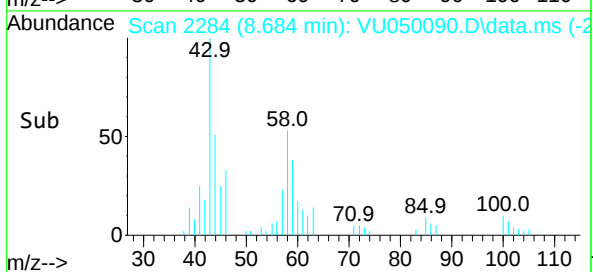
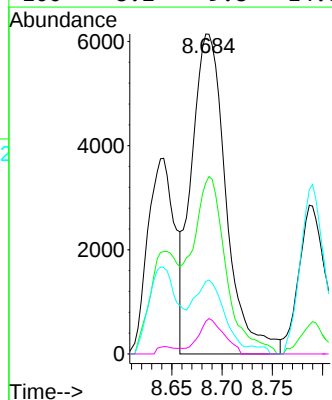
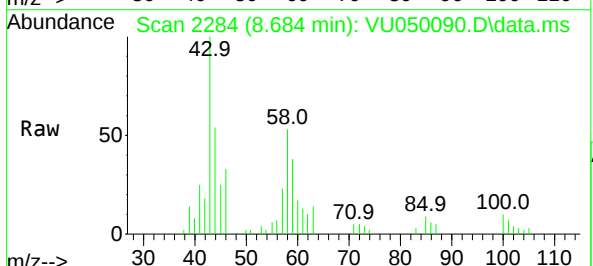
Ion Ratio Lower Upper

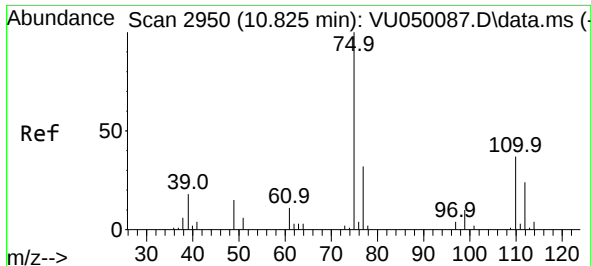
43 100

58 52.7 50.6 76.0

57 18.2 16.0 24.0

100 8.2 9.8 14.8#

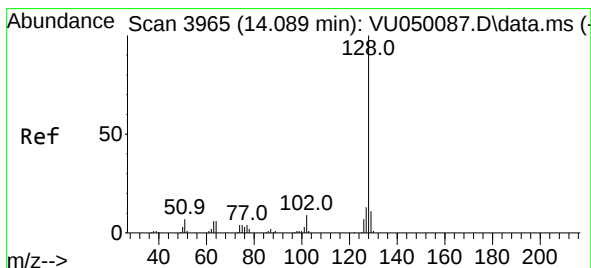
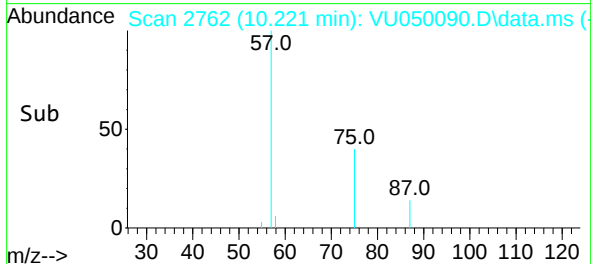
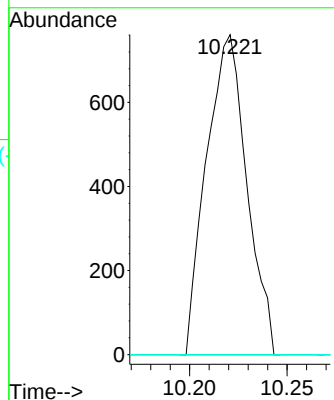
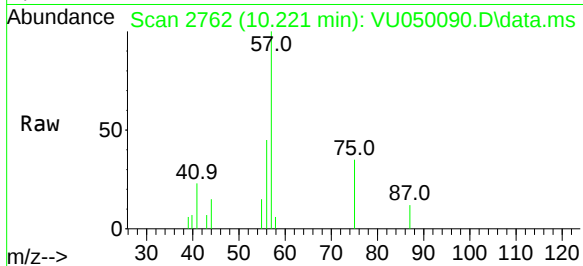




#61
 1,2,3-Trichloropropane
 Concen: 0.204 ug/L
 RT: 10.221 min Scan# 21
 Delta R.T. -0.605 min
 Lab File: VU050090.D
 Acq: 05 Aug 2022 12:02

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 1096
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 0.0 25.8 38.6#



#71
 Naphthalene
 Concen: 0.102 ug/L
 RT: 14.092 min Scan# 3966
 Delta R.T. 0.003 min
 Lab File: VU050090.D
 Acq: 05 Aug 2022 12:02

Tgt Ion: 128 Resp: 1501
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.6 12.8#
 127 0.0 10.6 16.0#

