

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050099.D
 Acq On : 05 Aug 2022 16:15
 Operator : SY/MD
 Sample : N4027-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:36:22 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)

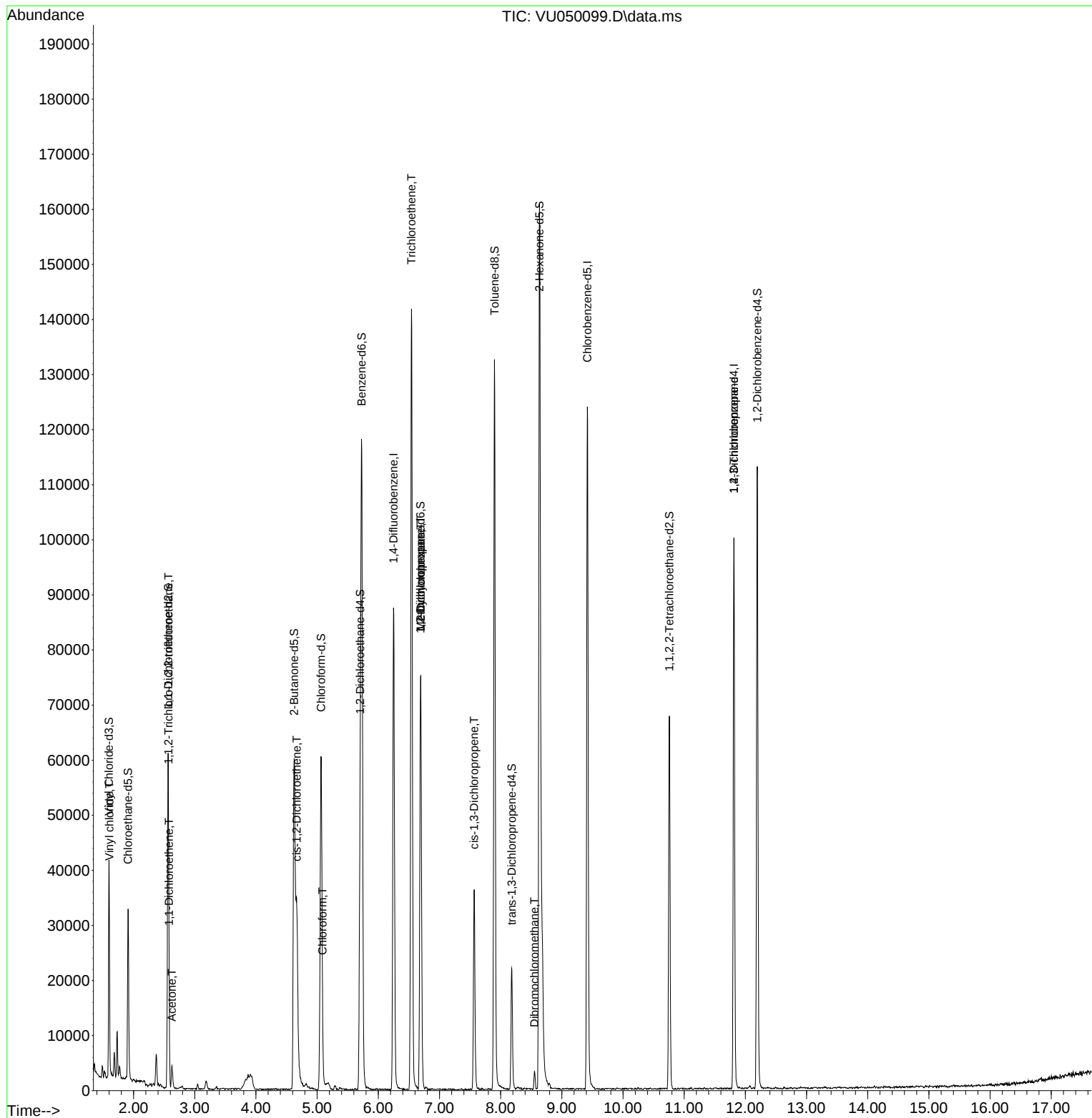
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	74118	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	73563	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	28264	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28188	4.570	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.400%	
7) Chloroethane-d5	1.909	69	24394	4.902	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.565	65	10862	4.506	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.200%	
20) 2-Butanone-d5	4.623	46	87708	58.310	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.620%	
24) Chloroform-d	5.063	84	57314	4.996	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	5.703	65	31769	5.393	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
32) Benzene-d6	5.729	84	112524	4.902	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
36) 1,2-Dichloropropane-d6	6.690	67	39743	5.257	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.899	98	92864	4.580	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	8.182	79	13427	4.957	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.200%	
46) 2-Hexanone-d5	8.632	63	52705	54.864	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.720%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35980	5.420	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	31309	5.654	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.000%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1090	0.137	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	873	0.180	ug/L #	61
12) 1,1-Dichloroethene	2.581	96	728	0.142	ug/L #	1
13) Acetone	2.626	43	4559	5.442	ug/L	89
22) cis-1,2-Dichloroethene	4.668	96	14547	2.285	ug/L	97
25) Chloroform	5.089	83	1285	0.111	ug/L	87
34) Trichloroethene	6.543	95	51000	8.182	ug/L	97
35) Methylcyclohexane	6.694	83	8757	1.088	ug/L #	23
37) 1,2-Dichloropropane	6.694	63	3944	0.574	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	813	0.091	ug/L #	73
49) Dibromochloromethane	8.552	129	753	0.133	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	3128	0.812	ug/L #	68

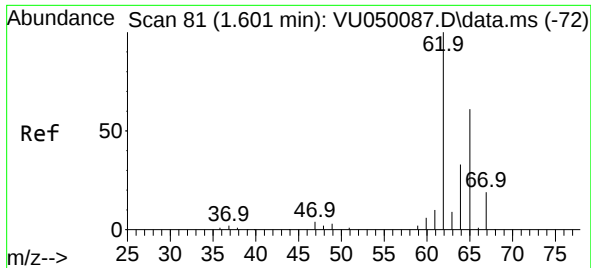
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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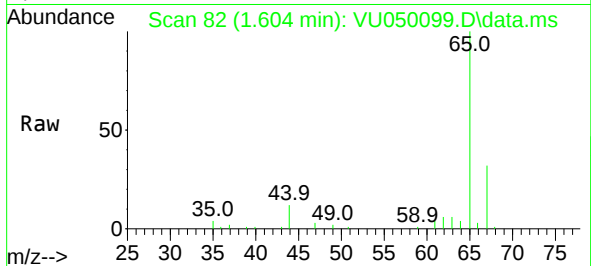
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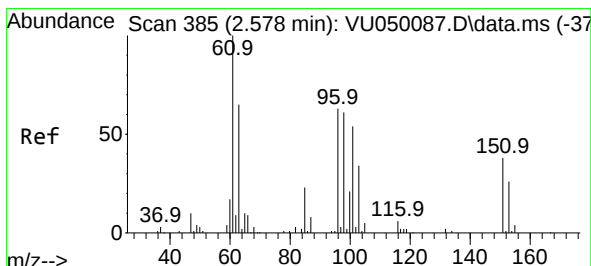
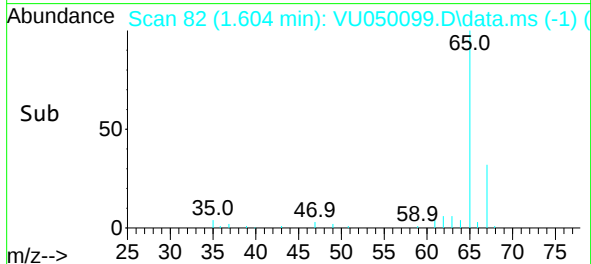
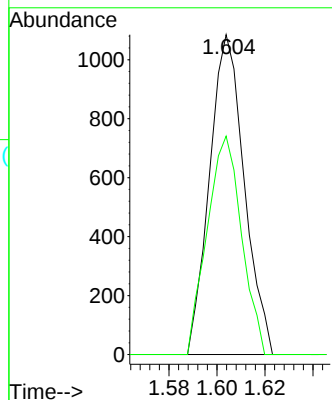


#5
 Vinyl chloride
 Concen: 0.137 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050099.D
 Acq: 05 Aug 2022 16:15

Instrument :
 MSVOA_U
 ClientSampleId :

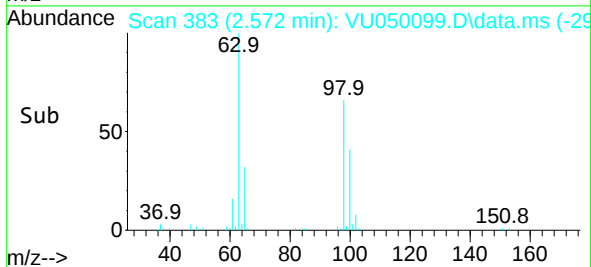
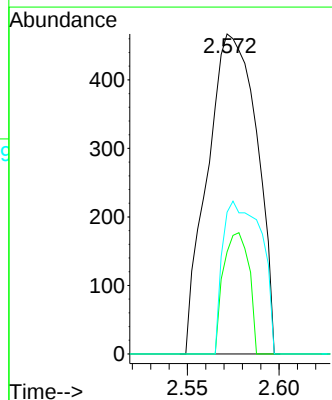
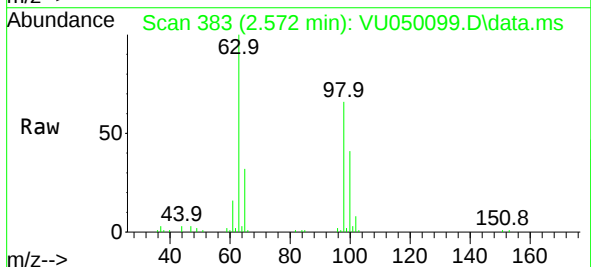


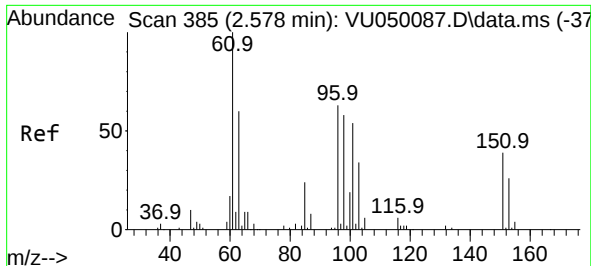
Tgt Ion: 62 Resp: 1090
 Ion Ratio Lower Upper
 62 100
 64 68.3 22.8 42.4#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.180 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU050099.D
 Acq: 05 Aug 2022 16:15

Tgt Ion: 101 Resp: 873
 Ion Ratio Lower Upper
 101 100
 85 19.5 35.6 53.4#
 151 37.2 55.2 82.8#





#12

1,1-Dichloroethene

Concen: 0.142 ug/L

RT: 2.581 min Scan# 3

Delta R.T. 0.003 min

Lab File: VU050099.D

Acq: 05 Aug 2022 16:15

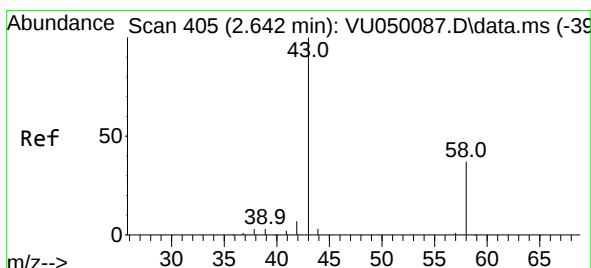
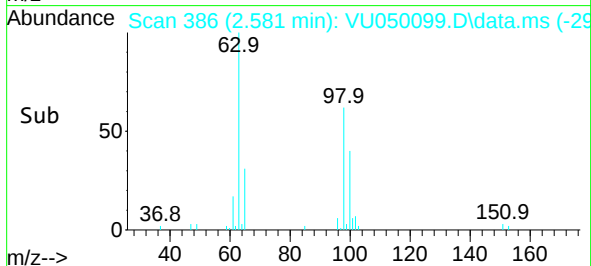
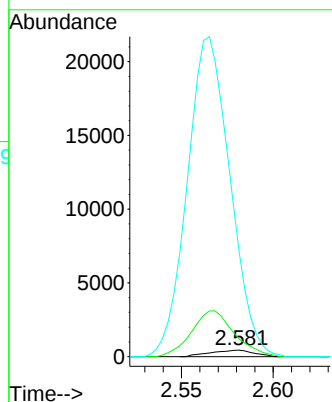
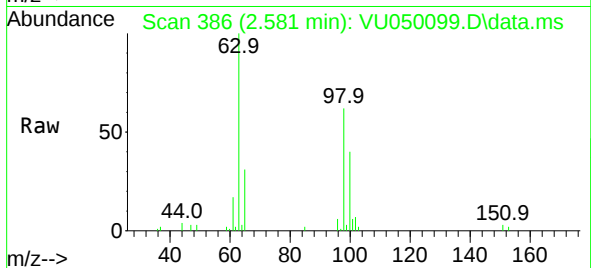
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 728

Ion	Ratio	Lower	Upper
96	100		
61	271.5	122.7	227.9#
63	1609.8	85.1	158.1#



#13

Acetone

Concen: 5.442 ug/L

RT: 2.626 min Scan# 400

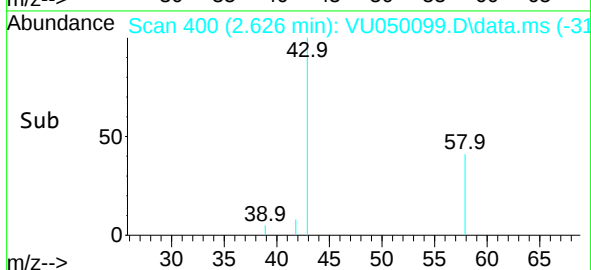
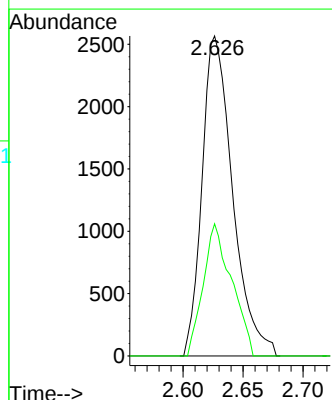
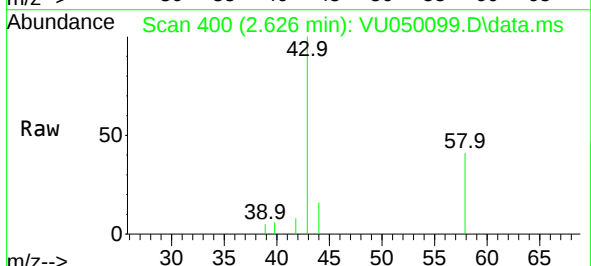
Delta R.T. -0.016 min

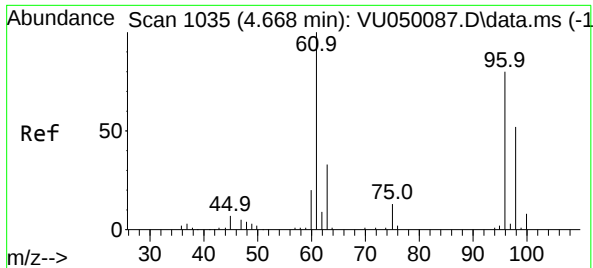
Lab File: VU050099.D

Acq: 05 Aug 2022 16:15

Tgt Ion: 43 Resp: 4559

Ion	Ratio	Lower	Upper
43	100		
58	38.3	0.0	64.0

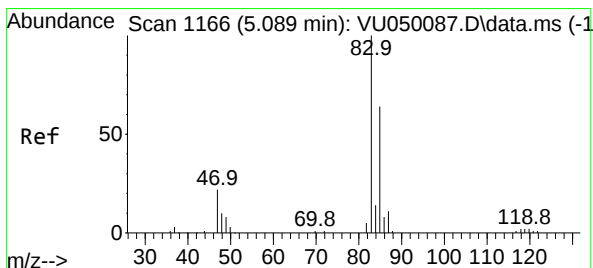
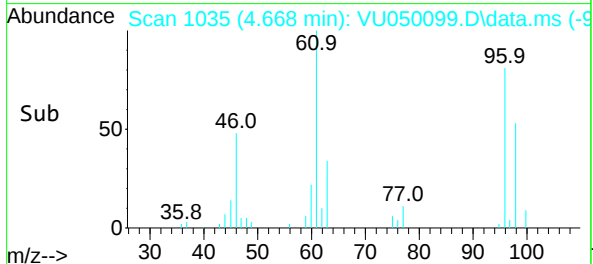
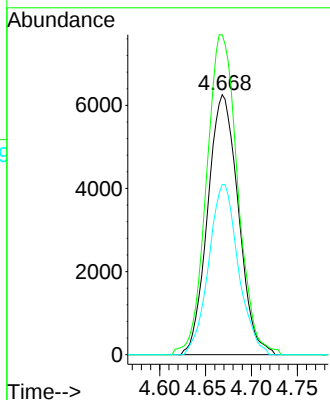
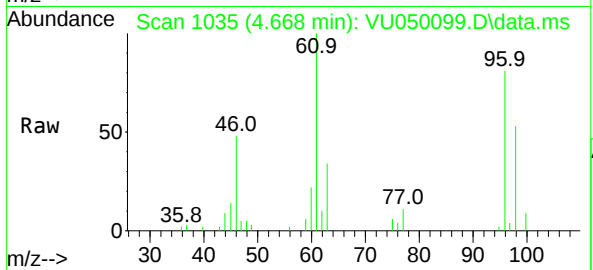




#22
 cis-1,2-Dichloroethene
 Concen: 2.285 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050099.D
 Acq: 05 Aug 2022 16:15

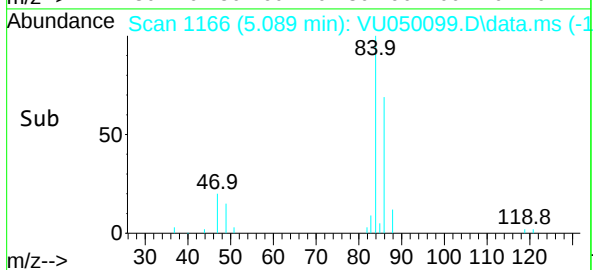
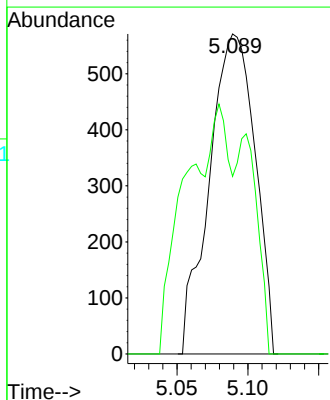
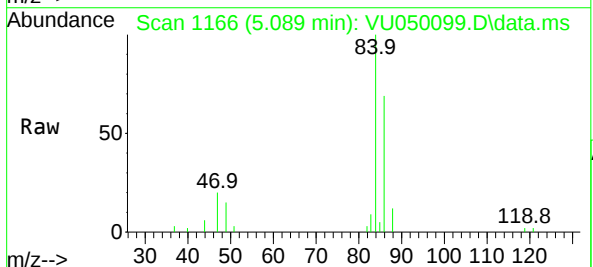
Instrument :
 MSVOA_U
 ClientSampleId :

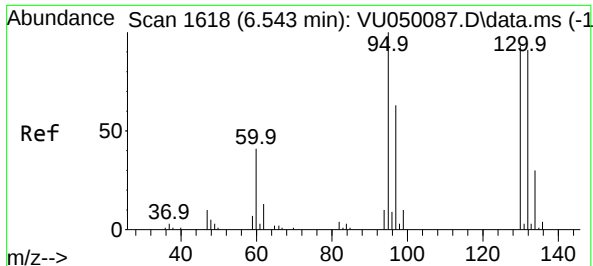
Tgt Ion: 96 Resp: 14547
 Ion Ratio Lower Upper
 96 100
 61 123.0 89.0 165.4
 98 65.5 45.2 84.0



#25
 Chloroform
 Concen: 0.111 ug/L
 RT: 5.089 min Scan# 1166
 Delta R.T. 0.000 min
 Lab File: VU050099.D
 Acq: 05 Aug 2022 16:15

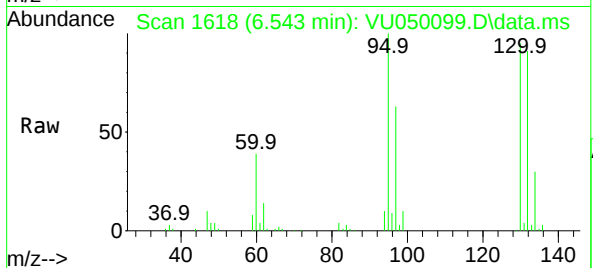
Tgt Ion: 83 Resp: 1285
 Ion Ratio Lower Upper
 83 100
 85 55.5 46.1 85.5



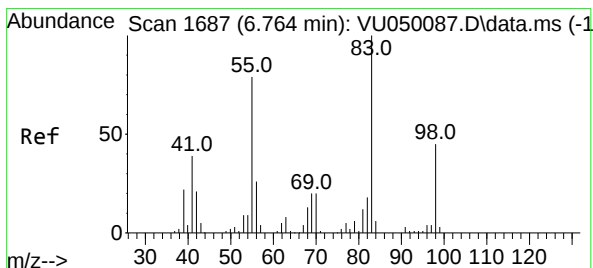
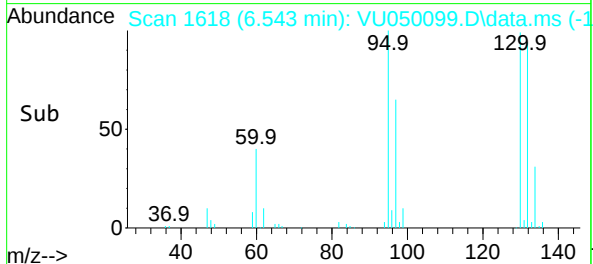
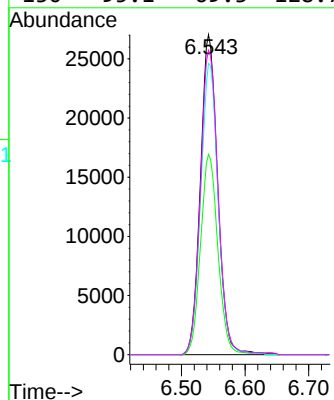


#34
Trichloroethene
Concen: 8.182 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050099.D
Acq: 05 Aug 2022 16:15

Instrument :
MSVOA_U
ClientSampleId :

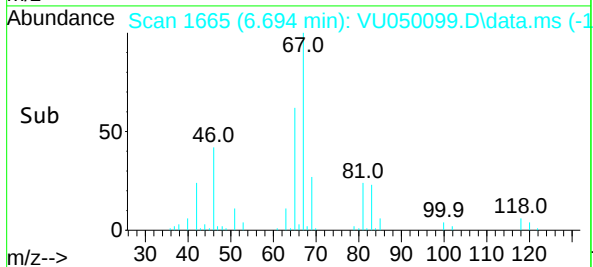
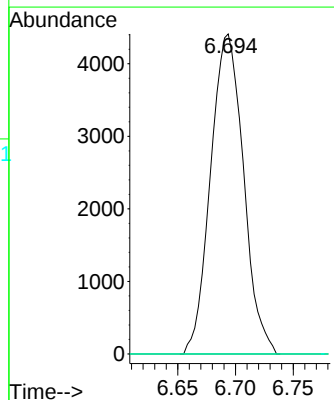
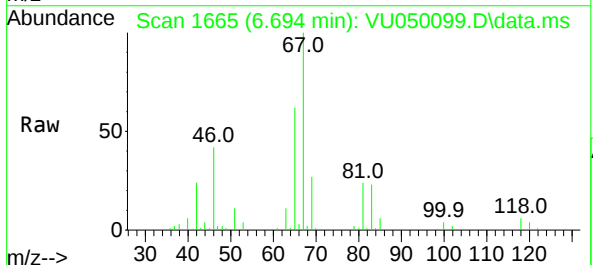


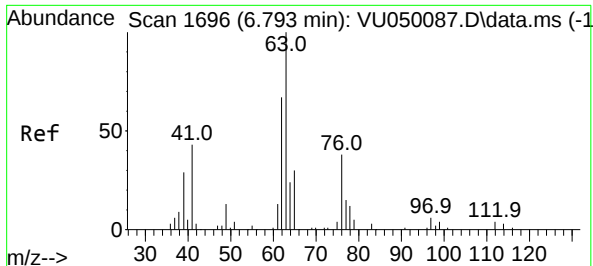
Tgt Ion: 95 Resp: 51000
Ion Ratio Lower Upper
95 100
97 62.6 45.6 84.8
132 91.0 65.0 120.6
130 95.1 69.3 128.7



#35
Methylcyclohexane
Concen: 1.088 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050099.D
Acq: 05 Aug 2022 16:15

Tgt Ion: 83 Resp: 8757
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 9.0 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050099.D

Acq: 05 Aug 2022 16:15

Instrument :

MSVOA_U

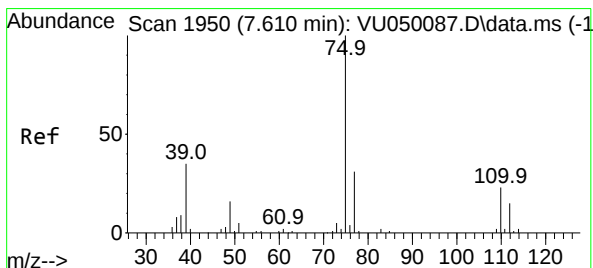
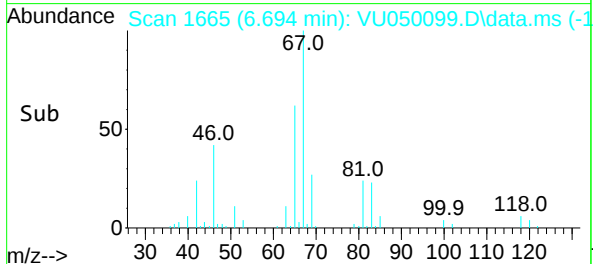
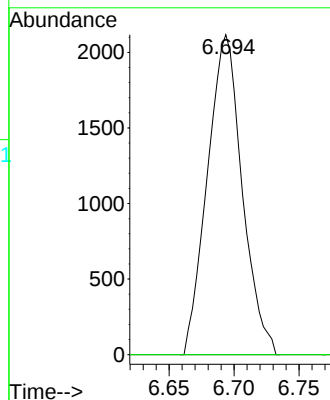
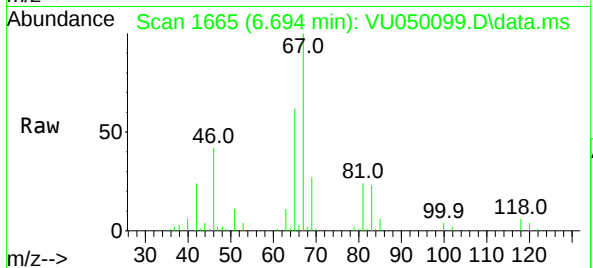
ClientSampleId :

Tgt Ion: 63 Resp: 3944

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU050099.D

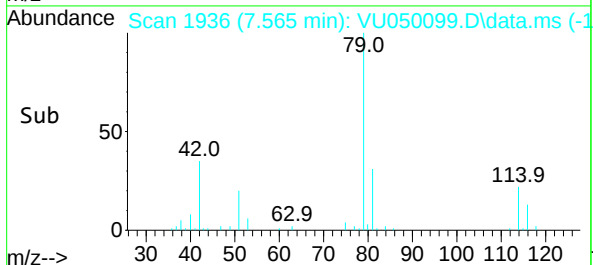
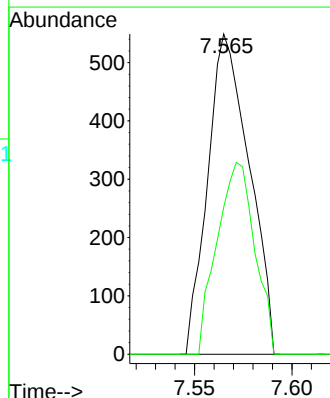
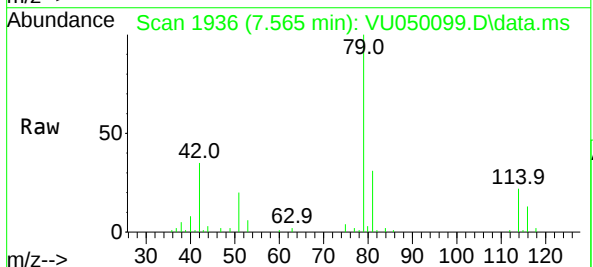
Acq: 05 Aug 2022 16:15

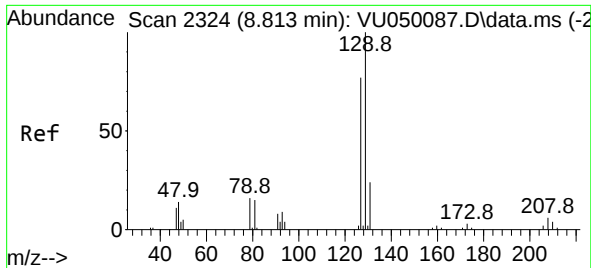
Tgt Ion: 75 Resp: 813

Ion Ratio Lower Upper

75 100

77 45.9 21.8 40.4#





#49

Dibromochloromethane

Concen: 0.133 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU050099.D

Acq: 05 Aug 2022 16:15

Instrument :

MSVOA_U

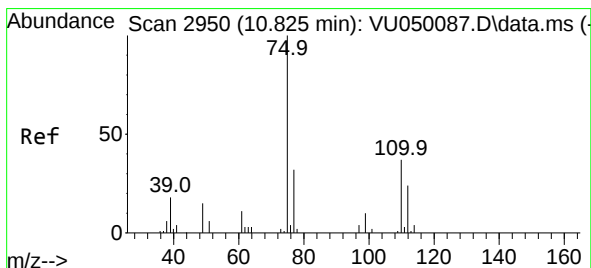
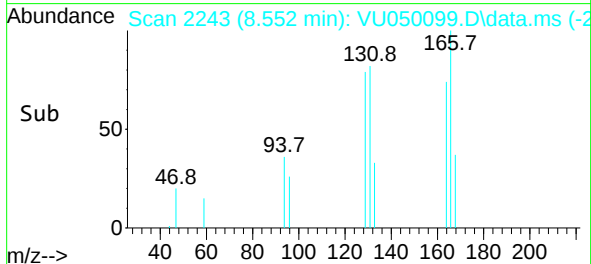
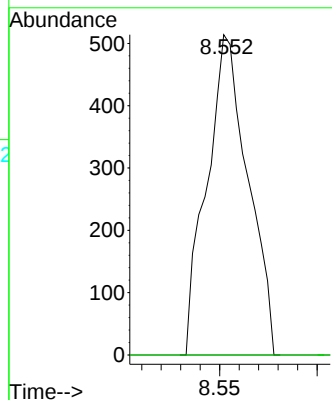
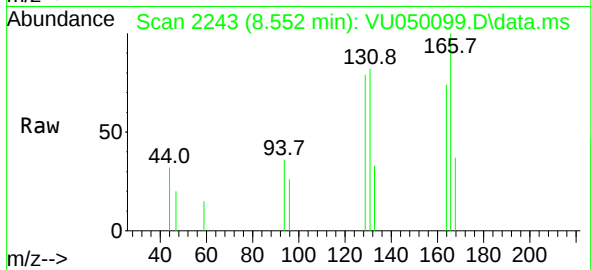
ClientSampleId :

Tgt Ion:129 Resp: 753

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



#61

1,2,3-Trichloropropane

Concen: 0.812 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050099.D

Acq: 05 Aug 2022 16:15

Tgt Ion: 75 Resp: 3128

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 32.4 25.8 38.6

