

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081522\
 Data File : VU050338.D
 Acq On : 15 Aug 2022 13:58
 Operator : SY/MD
 Sample : N4160-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 16 00:31:23 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)

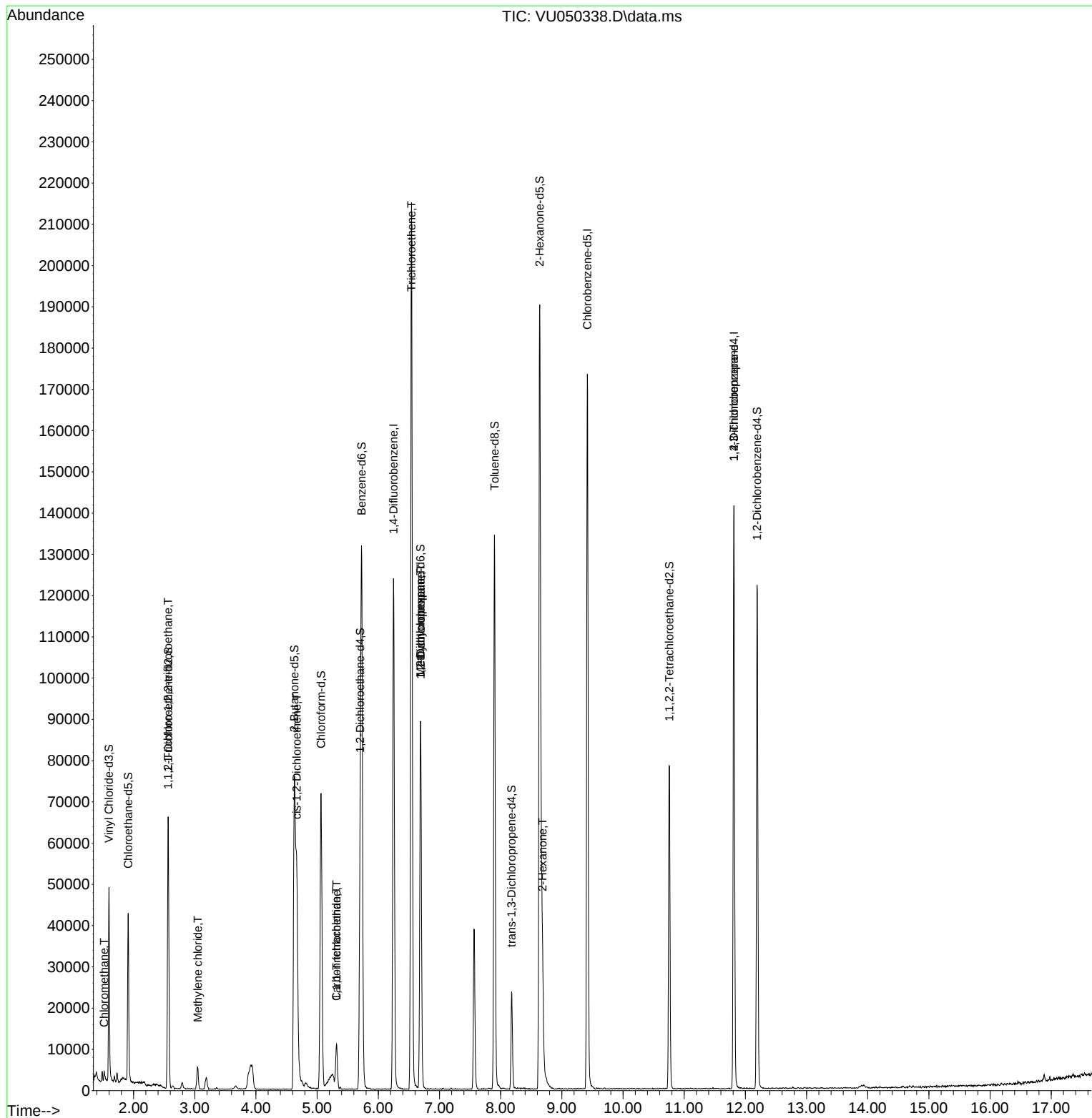
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	101432	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	100513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39408	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	34479	4.085	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.600%	
7) Chloroethane-d5	1.912	69	29792	4.375	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.400%	
11) 1,1-Dichloroethene-d2	2.565	65	12292	3.726	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.600%	
20) 2-Butanone-d5	4.629	46	114425	55.587	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.180%	
24) Chloroform-d	5.063	84	68732	4.378	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	5.703	65	37408	4.640	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.729	84	122967	3.920	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.400%	
36) 1,2-Dichloropropane-d6	6.690	67	45904	4.444	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.899	98	93307	3.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.400%#	
43) trans-1,3-Dichloroprop...	8.179	79	14115	3.813	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.200%	
46) 2-Hexanone-d5	8.636	63	60312	45.949	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.900%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	41339	4.557	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	33386	4.324	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.400%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2145	0.176	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	338	0.051	ug/L #	22
16) Methylene chloride	3.047	84	2680	0.250	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	20499	2.353	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	8261	0.670	ug/L	99
31) Carbon tetrachloride	5.314	117	959	0.095	ug/L	89
34) Trichloroethene	6.542	95	75305	8.841	ug/L	99
35) Methylcyclohexane	6.690	83	10164	0.924	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4360	0.465	ug/L #	89
48) 2-Hexanone	8.684	43	16862	4.013	ug/L #	83
61) 1,2,3-Trichloropropane	11.812	75	4530	0.844	ug/L #	68

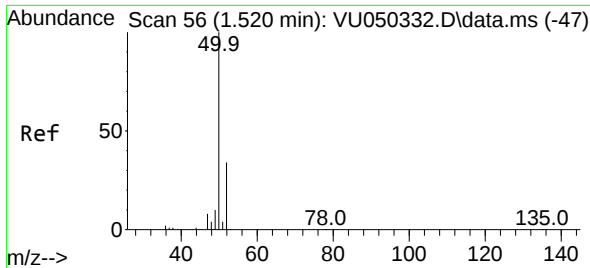
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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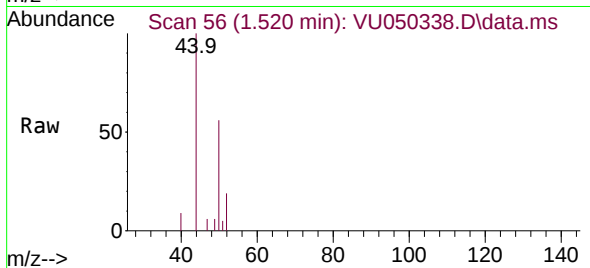
Quant Time: Aug 16 00:31:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
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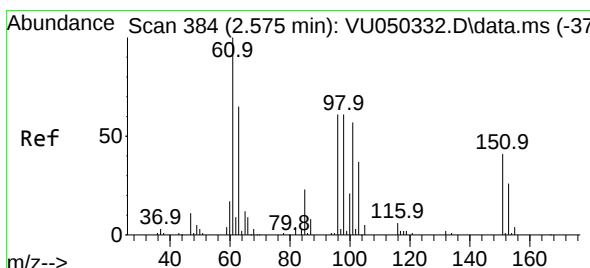
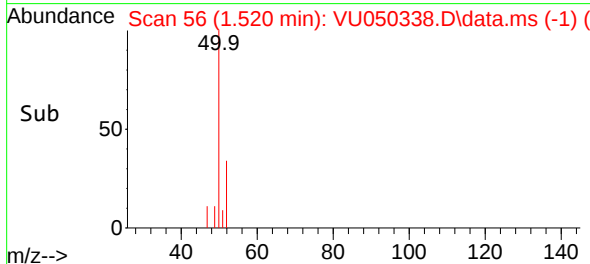
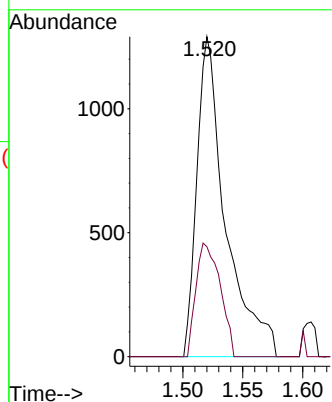


#3
Chloromethane
Concen: 0.176 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050338.D
Acq: 15 Aug 2022 13:58

Instrument :
MSVOA_U
ClientSampleId :

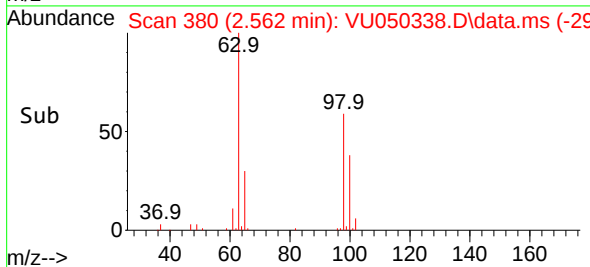
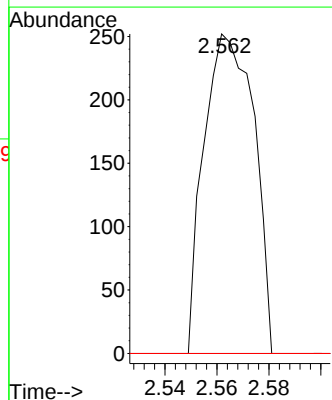
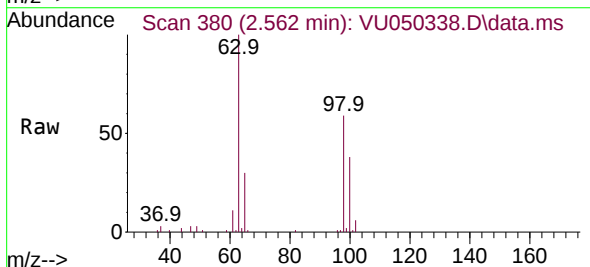


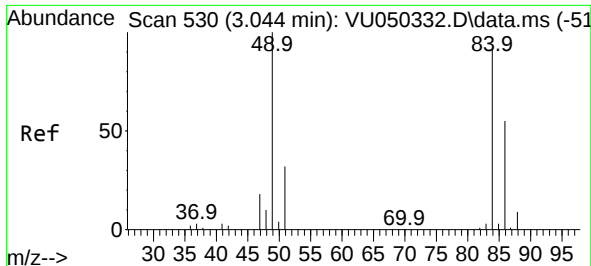
Tgt Ion: 50 Resp: 2145
Ion Ratio Lower Upper
50 100
52 34.3 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050338.D
Acq: 15 Aug 2022 13:58

Tgt Ion: 101 Resp: 338
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

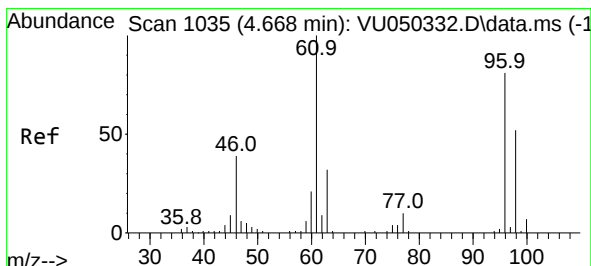
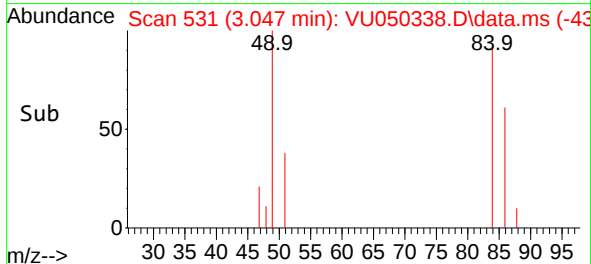
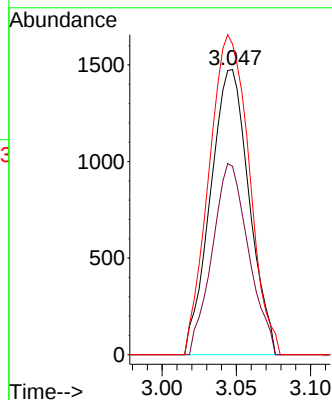
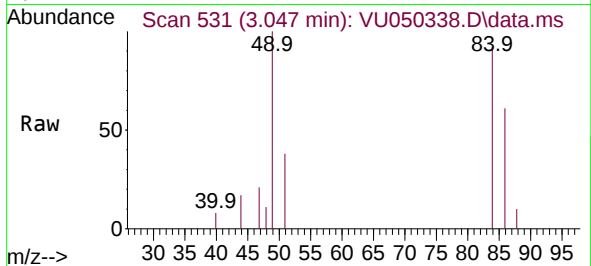




#16
Methylene chloride
Concen: 0.250 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050338.D
Acq: 15 Aug 2022 13:58

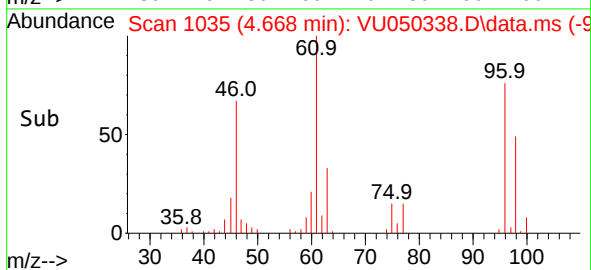
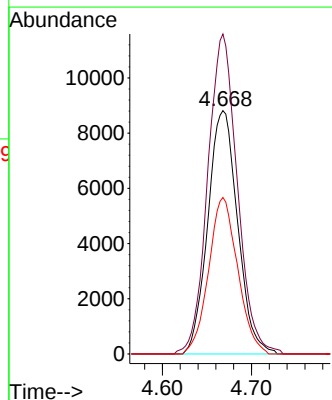
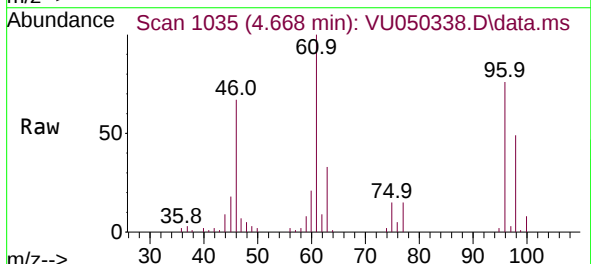
Instrument :
MSVOA_U
ClientSampleId :

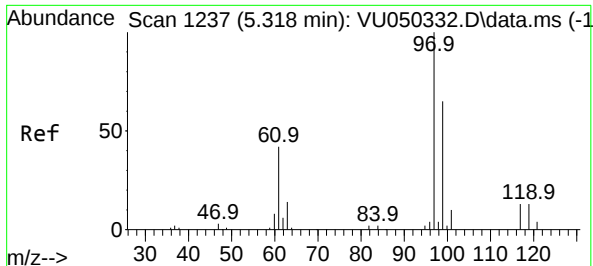
Tgt Ion: 84 Resp: 2680
Ion Ratio Lower Upper
84 100
86 66.1 45.9 85.3
49 108.9 77.6 144.0



#22
cis-1,2-Dichloroethene
Concen: 2.353 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050338.D
Acq: 15 Aug 2022 13:58

Tgt Ion: 96 Resp: 20499
Ion Ratio Lower Upper
96 100
61 131.5 89.0 165.4
98 64.3 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.670 ug/L

RT: 5.317 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050338.D

Acq: 15 Aug 2022 13:58

Instrument :

MSVOA_U

ClientSampleId :

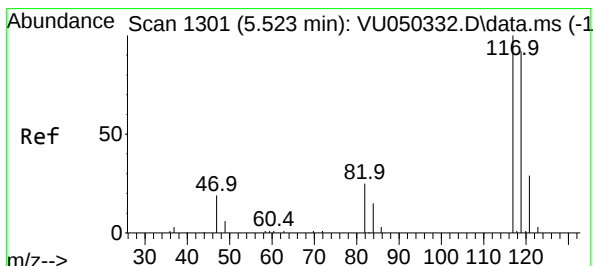
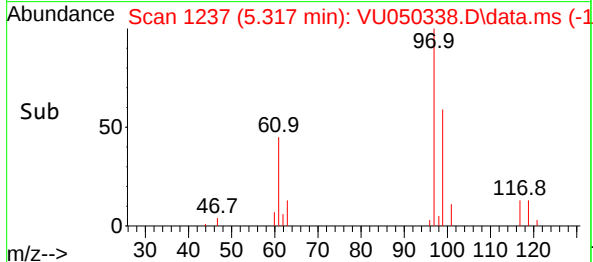
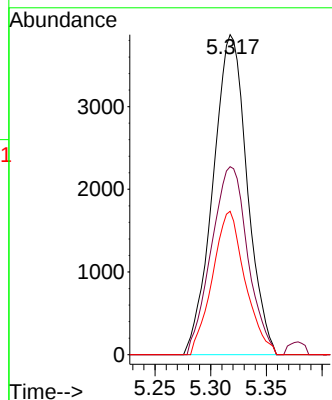
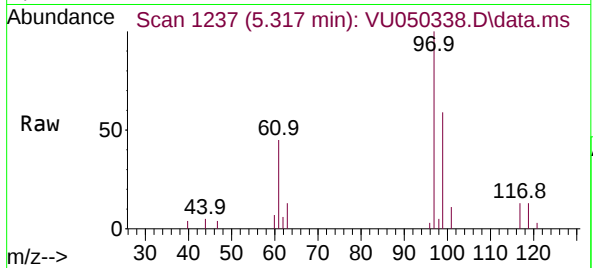
Tgt Ion: 97 Resp: 8261

Ion Ratio Lower Upper

97 100

99 62.6 51.5 77.3

61 42.9 34.2 51.4



#31

Carbon tetrachloride

Concen: 0.095 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.209 min

Lab File: VU050338.D

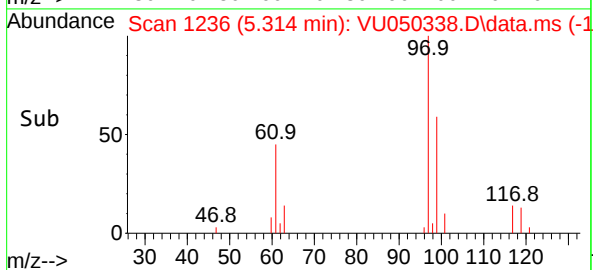
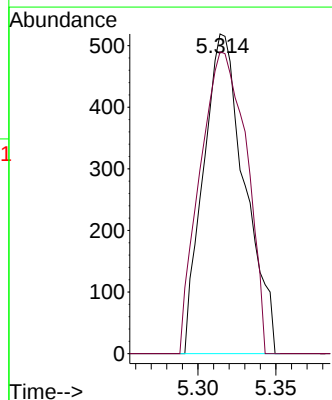
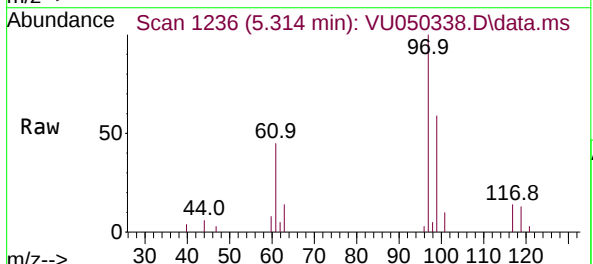
Acq: 15 Aug 2022 13:58

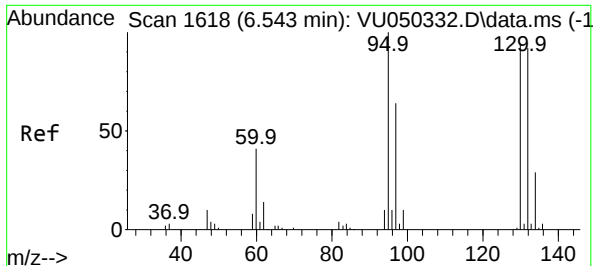
Tgt Ion: 117 Resp: 959

Ion Ratio Lower Upper

117 100

119 105.6 76.0 114.0



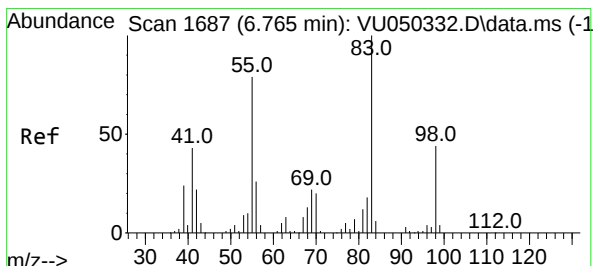
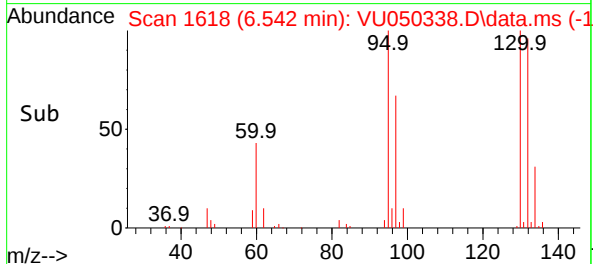
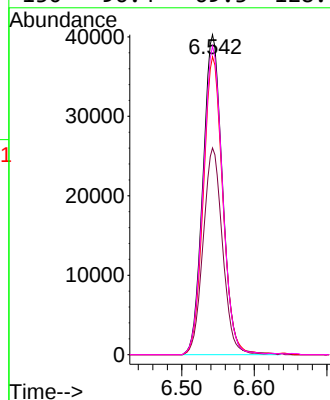
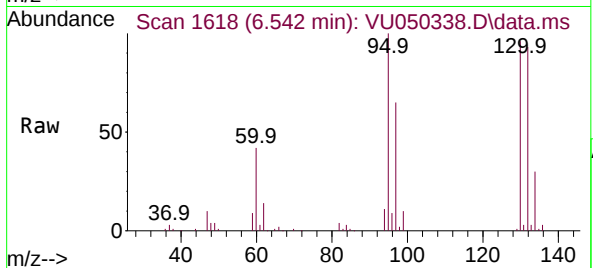


#34
Trichloroethene
Concen: 8.841 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050338.D
Acq: 15 Aug 2022 13:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 75305

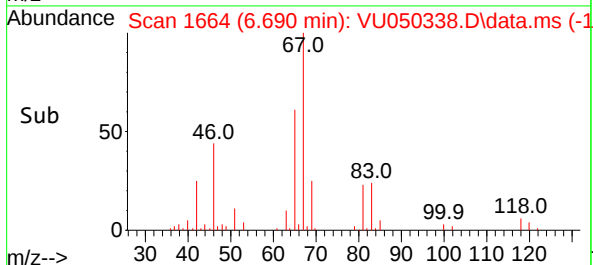
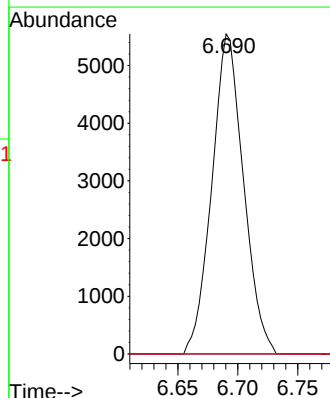
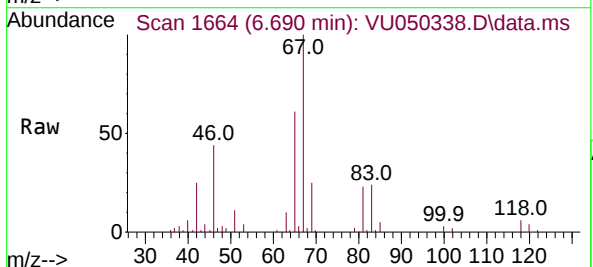
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.6	84.8
132	93.1	65.0	120.6
130	96.4	69.3	128.7

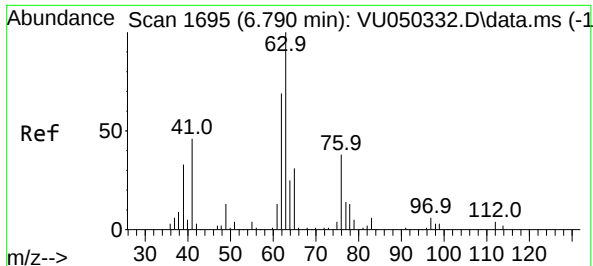


#35
Methylcyclohexane
Concen: 0.924 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050338.D
Acq: 15 Aug 2022 13:58

Tgt Ion: 83 Resp: 10164

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.9	36.2	54.2#

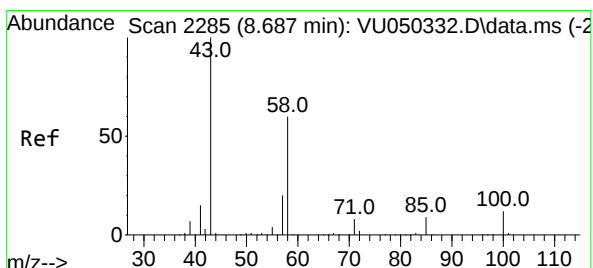
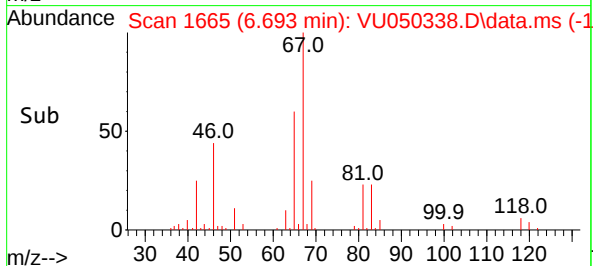
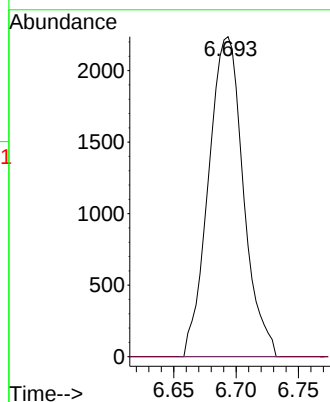
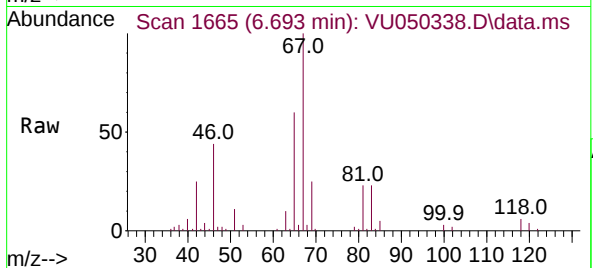




#37
1,2-Dichloropropane
Concen: 0.465 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU050338.D
Acq: 15 Aug 2022 13:58

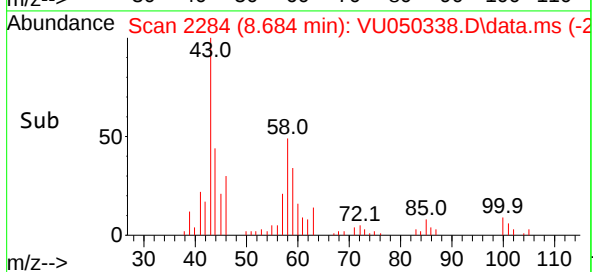
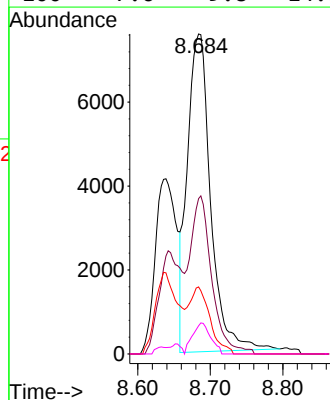
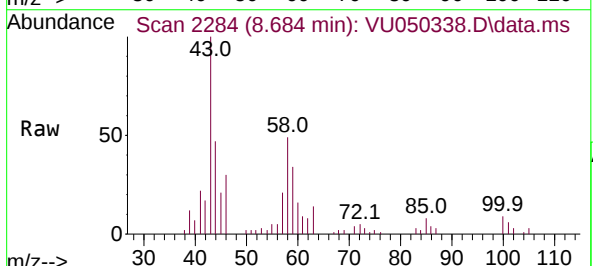
Instrument :
MSVOA_U
ClientSampleId :

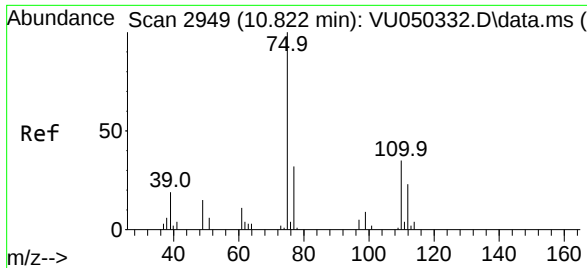
Tgt Ion: 63 Resp: 4360
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#48
2-Hexanone
Concen: 4.013 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.004 min
Lab File: VU050338.D
Acq: 15 Aug 2022 13:58

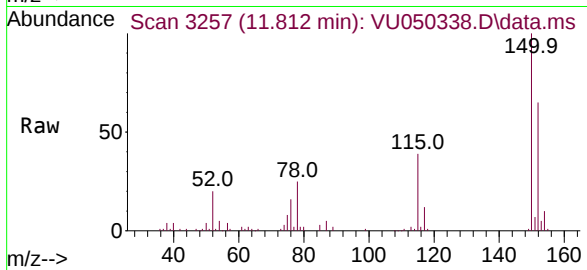
Tgt Ion: 43 Resp: 16862
Ion Ratio Lower Upper
43 100
58 45.9 50.6 76.0#
57 19.0 16.0 24.0
100 7.6 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.844 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050338.D
 Acq: 15 Aug 2022 13:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4530
 Ion Ratio Lower Upper
 75 100
 110 1.4 28.5 42.7#
 77 30.6 25.8 38.6

