

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049056.D
 Acq On : 11 Jun 2022 16:46
 Operator : SY/MD
 Sample : N3277-01 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 01:48:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:35:15 2022
 Response via : Initial Calibration

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

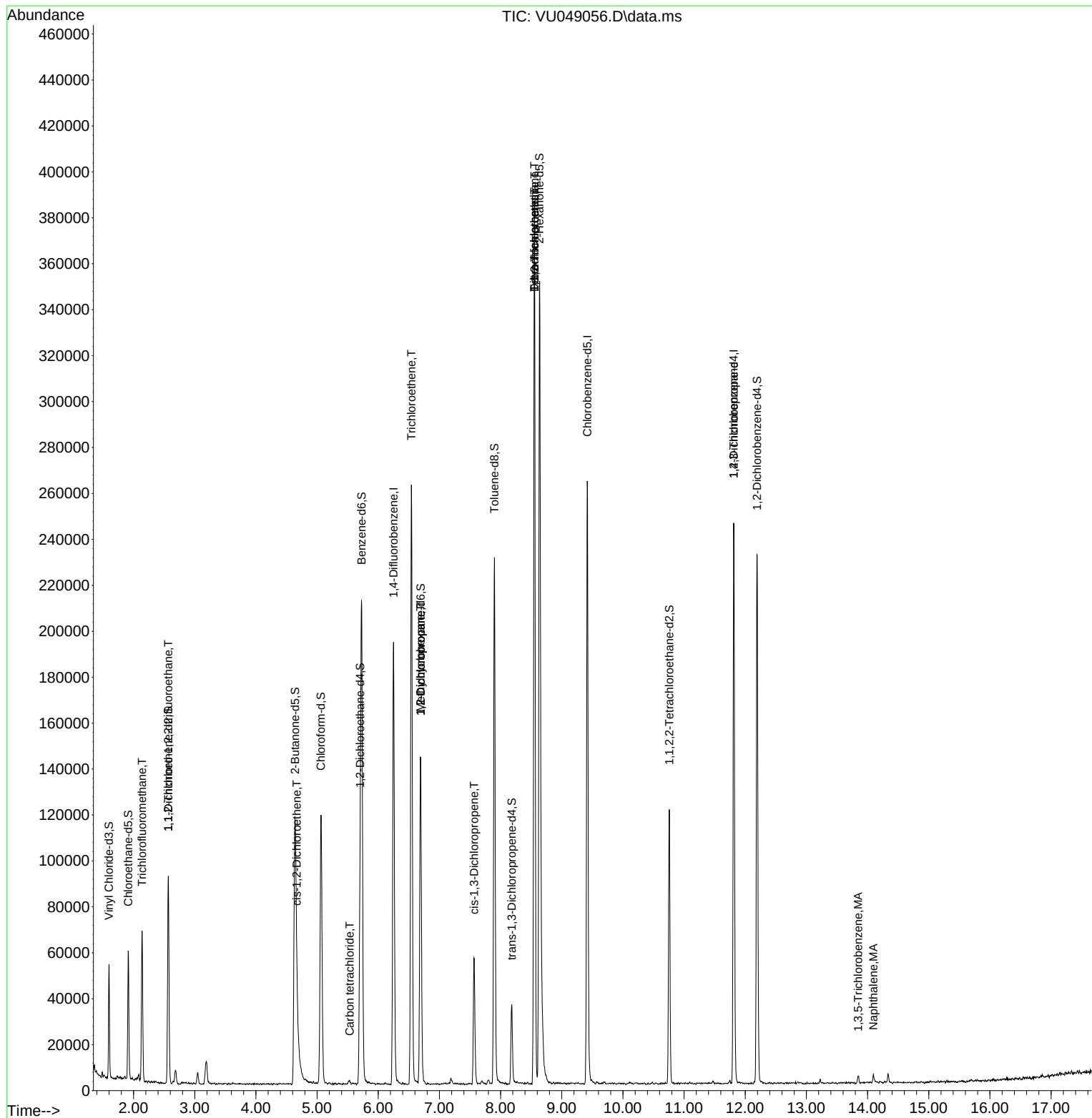
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	156656	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	149915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	34039	4.913	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.912	69	38953	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.568	65	17158	4.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.639	46	181313	52.559	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.120%
24) Chloroform-d	5.063	84	109572	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.703	65	62847	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.729	84	199077	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.694	67	68722	5.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.899	98	154537	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.182	79	21285	4.618	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.636	63	123761	49.022	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	59519	4.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	64430	5.286	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.137	101	42057	2.236	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	435	0.044	ug/L #	26
22) cis-1,2-Dichloroethene	4.668	96	1070	0.086	ug/L #	56
31) Carbon tetrachloride	5.533	117	1179	0.069	ug/L #	64
34) Trichloroethene	6.542	95	89670	7.727	ug/L	97
35) Methylcyclohexane	6.690	83	16952	0.965	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	6954	0.592	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1548	0.096	ug/L	92
45) 1,1,2-Trichloroethane	8.555	97	798	0.096	ug/L #	34
47) Tetrachloroethene	8.552	164	85190	9.236	ug/L	97
49) Dibromochloromethane	8.552	129	84314	7.932	ug/L #	11
61) 1,2,3-Trichloropropane	11.812	75	7615	1.073	ug/L #	68
69) 1,3,5-Trichlorobenzene	13.844	180	1375	0.091	ug/L	98
71) Naphthalene	14.095	128	4085	0.176	ug/L #	85

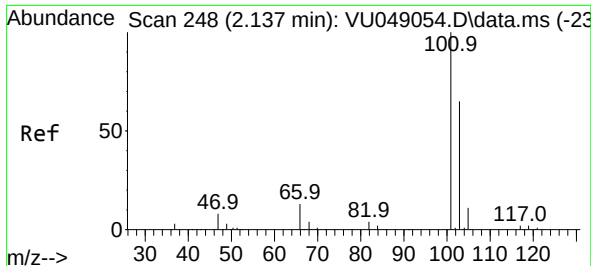
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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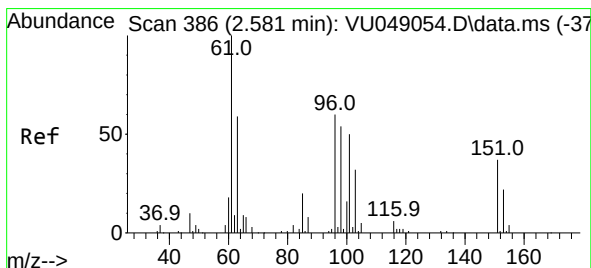
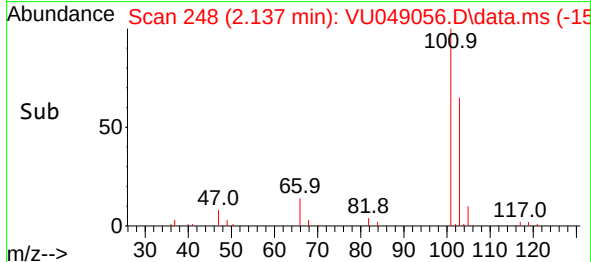
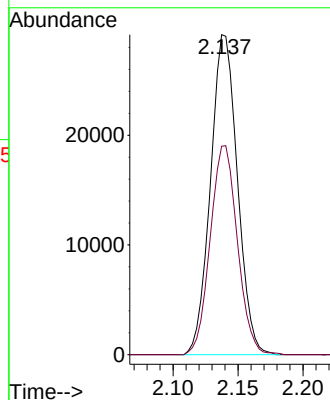
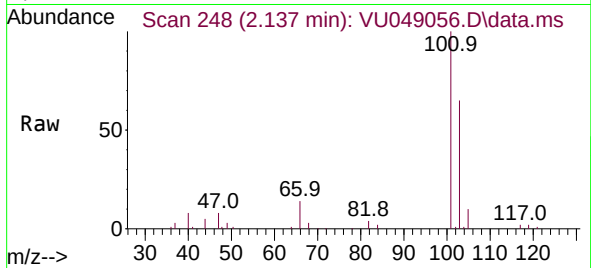




#9
Trichlorofluoromethane
Concen: 2.236 ug/L
RT: 2.137 min Scan# 24
Delta R.T. -0.000 min
Lab File: VU049056.D
Acq: 11 Jun 2022 16:46

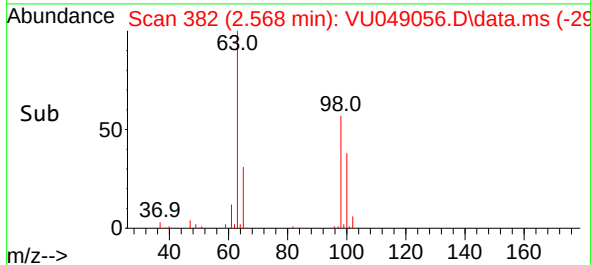
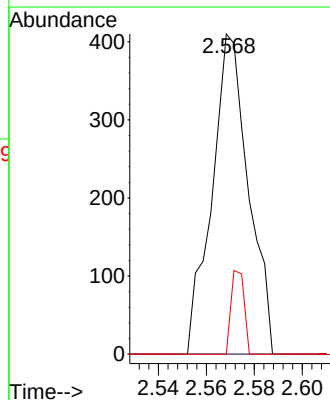
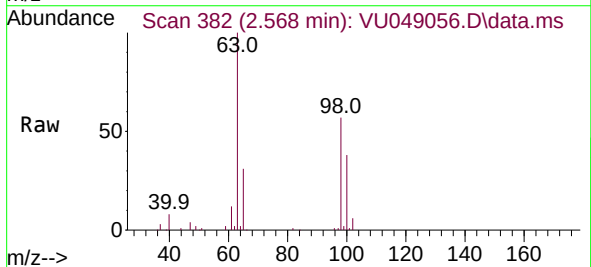
Instrument :
MSVOA_U
ClientSampleId :

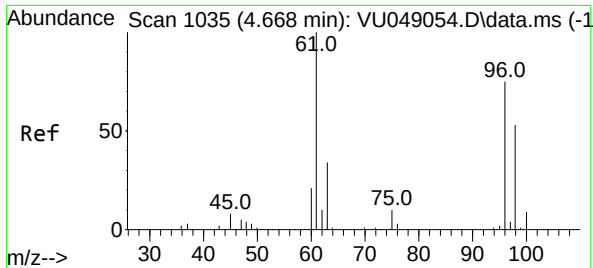
Tgt Ion:101 Resp: 42057
Ion Ratio Lower Upper
101 100
103 65.8 50.5 75.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.044 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU049056.D
Acq: 11 Jun 2022 16:46

Tgt Ion:101 Resp: 435
Ion Ratio Lower Upper
101 100
85 0.0 36.0 54.0#
151 9.2 60.7 91.1#

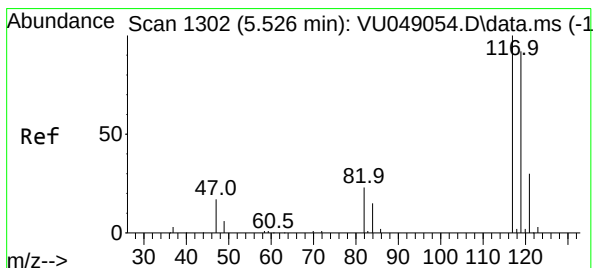
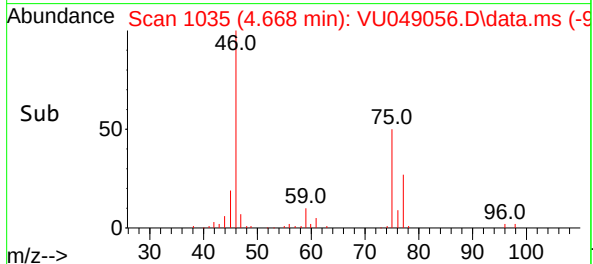
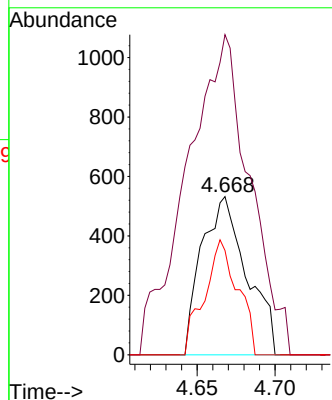
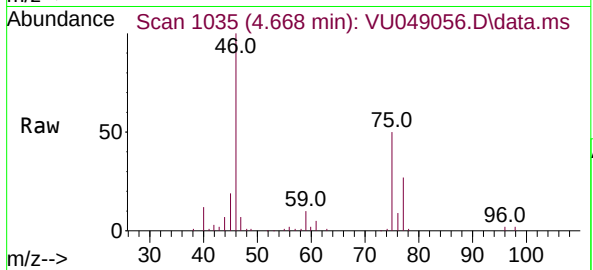




#22
 cis-1,2-Dichloroethene
 Concen: 0.086 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU049056.D
 Acq: 11 Jun 2022 16:46

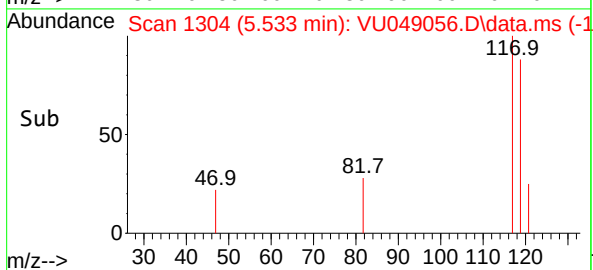
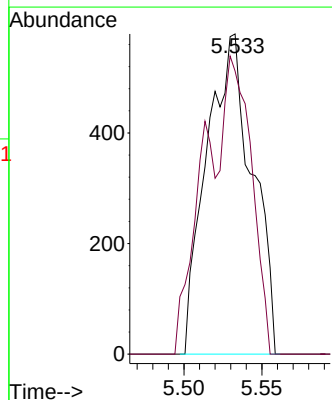
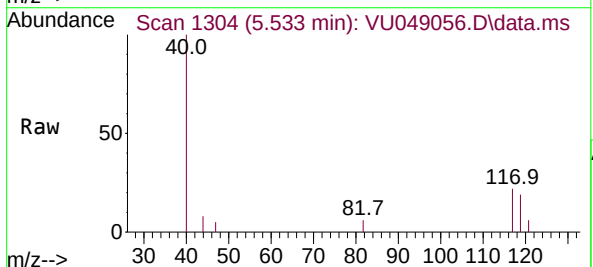
Instrument :
 MSVOA_U
 ClientSampleId :

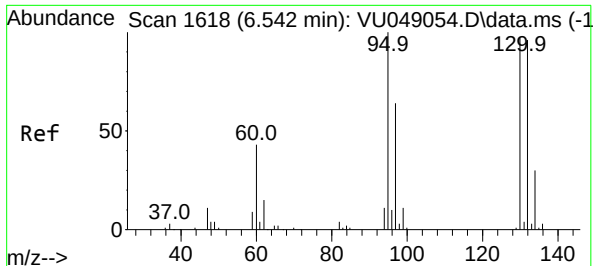
Tgt Ion: 96 Resp: 1070
 Ion Ratio Lower Upper
 96 100
 61 202.4 91.1 169.1#
 98 66.0 43.0 80.0



#31
 Carbon tetrachloride
 Concen: 0.069 ug/L
 RT: 5.533 min Scan# 1304
 Delta R.T. 0.006 min
 Lab File: VU049056.D
 Acq: 11 Jun 2022 16:46

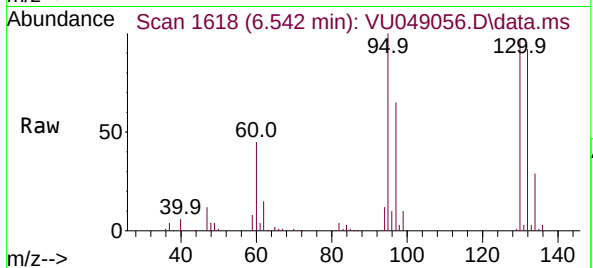
Tgt Ion: 117 Resp: 1179
 Ion Ratio Lower Upper
 117 100
 119 60.4 76.5 114.7#



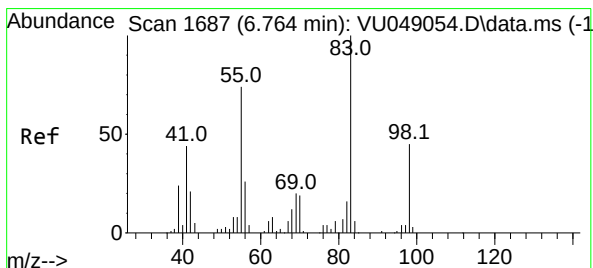
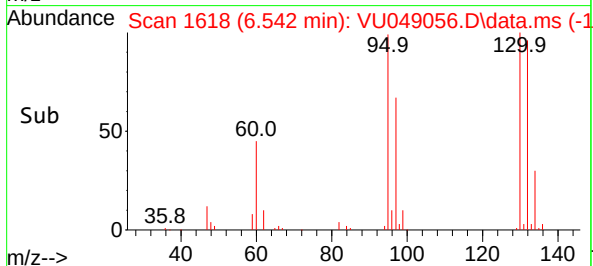
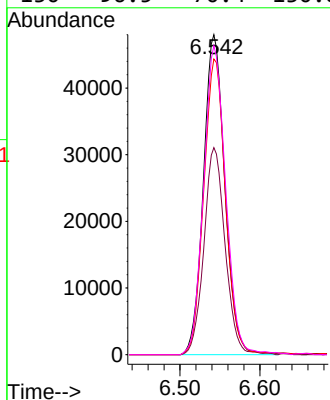


#34
Trichloroethene
Concen: 7.727 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049056.D
Acq: 11 Jun 2022 16:46

Instrument :
MSVOA_U
ClientSampleId :

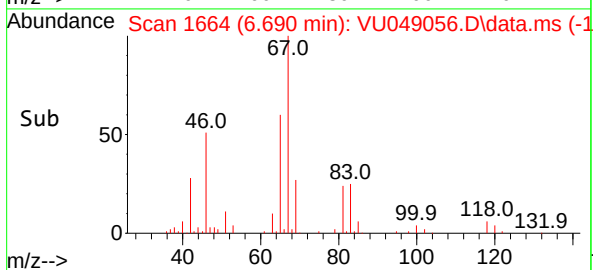
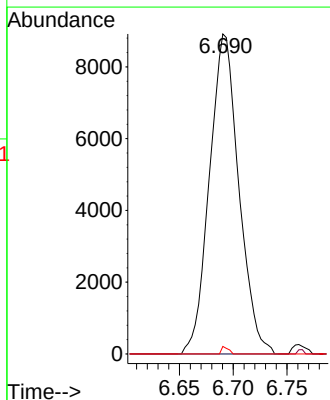
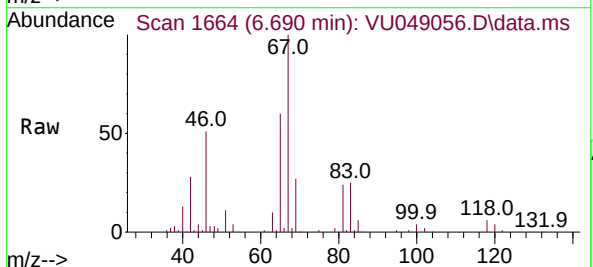


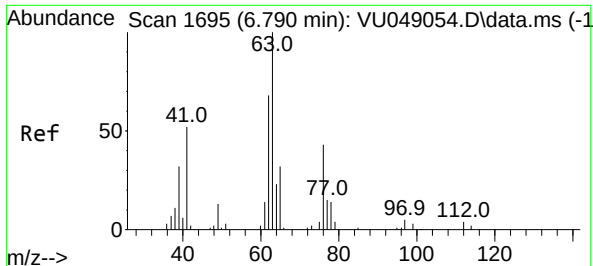
Tgt Ion: 95 Resp: 89670
Ion Ratio Lower Upper
95 100
97 64.7 44.9 83.5
132 92.4 62.8 116.6
130 96.5 70.4 130.8



#35
Methylcyclohexane
Concen: 0.965 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049056.D
Acq: 11 Jun 2022 16:46

Tgt Ion: 83 Resp: 16952
Ion Ratio Lower Upper
83 100
55 0.3 60.6 90.8#
98 0.5 35.8 53.8#

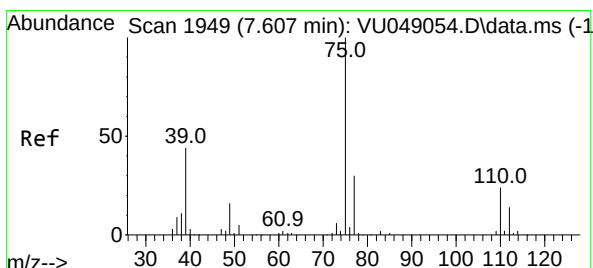
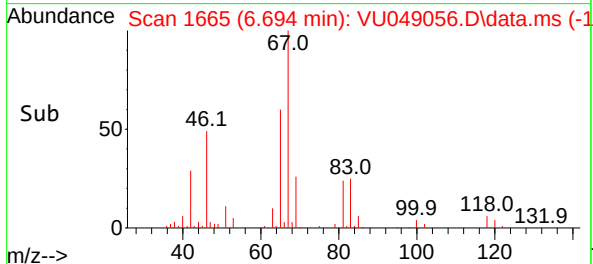
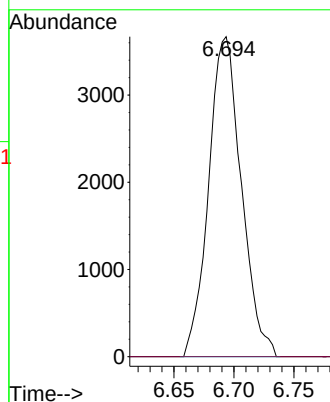
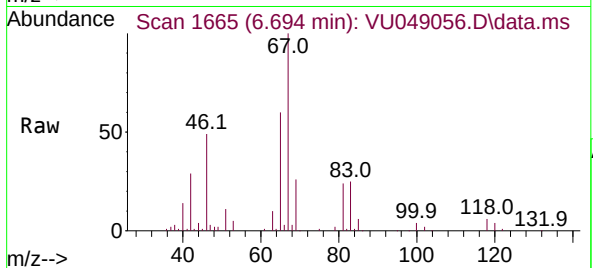




#37
1,2-Dichloropropane
Concen: 0.592 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.097 min
Lab File: VU049056.D
Acq: 11 Jun 2022 16:46

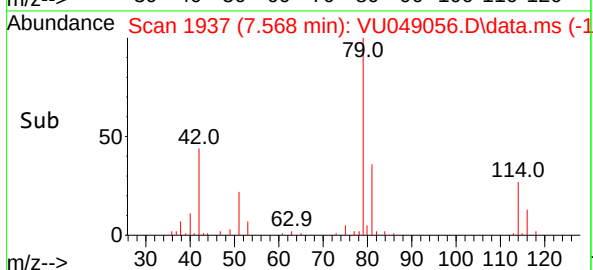
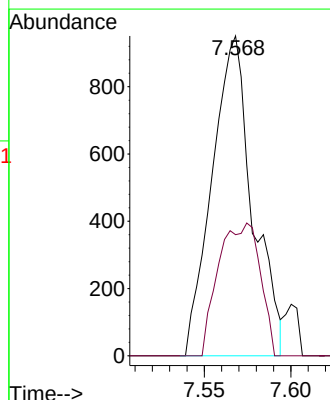
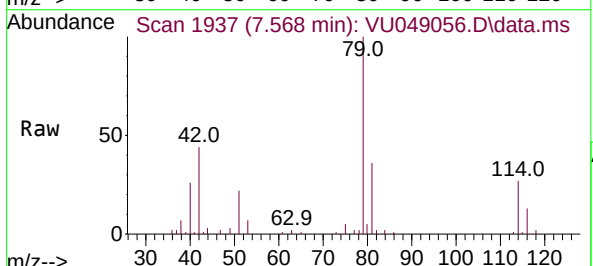
Instrument :
MSVOA_U
ClientSampleId :

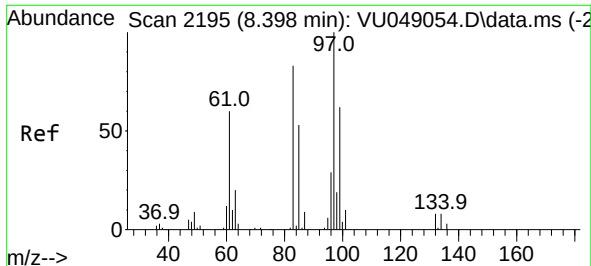
Tgt Ion: 63 Resp: 6954
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.039 min
Lab File: VU049056.D
Acq: 11 Jun 2022 16:46

Tgt Ion: 75 Resp: 1548
Ion Ratio Lower Upper
75 100
77 37.9 23.4 43.4



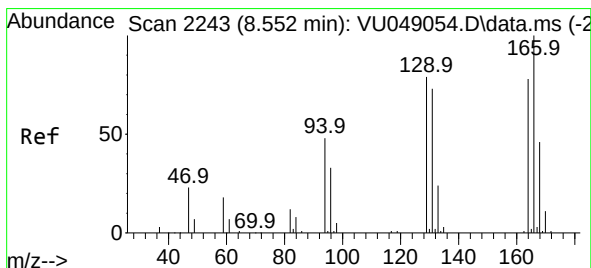
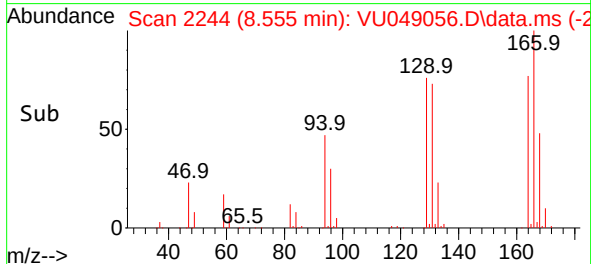
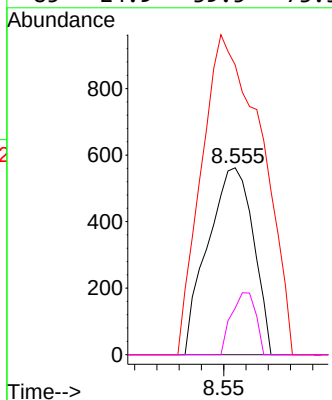
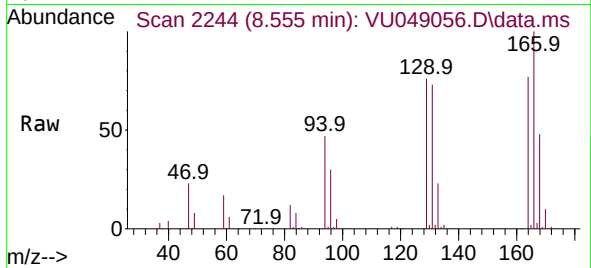


#45
1,1,2-Trichloroethane
Concen: 0.096 ug/L
RT: 8.555 min Scan# 2195
Delta R.T. 0.157 min
Lab File: VU049056.D
Acq: 11 Jun 2022 16:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 798

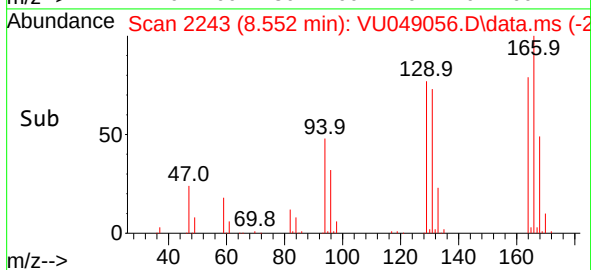
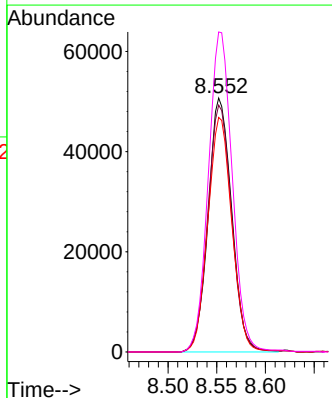
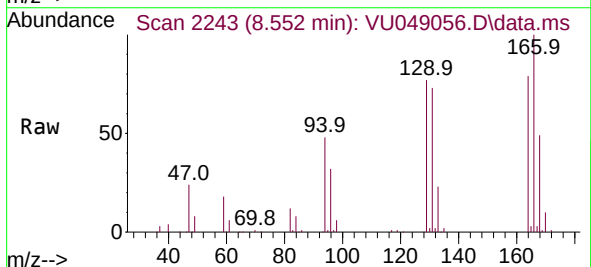
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.3	80.5#
83	155.0	62.1	115.3#
85	24.9	39.5	73.3#

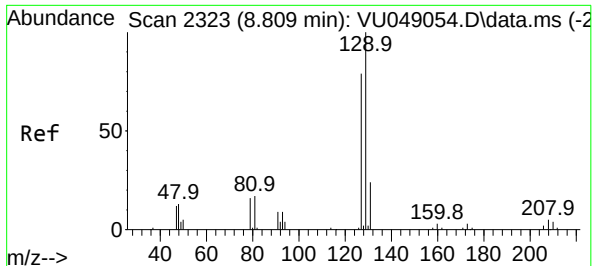


#47
Tetrachloroethene
Concen: 9.236 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049056.D
Acq: 11 Jun 2022 16:46

Tgt Ion: 164 Resp: 85190

Ion	Ratio	Lower	Upper
164	100		
129	97.2	67.0	124.4
131	92.3	65.0	120.8
166	126.0	92.5	171.7





#49

Dibromochloromethane

Concen: 7.932 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU049056.D

Acq: 11 Jun 2022 16:46

Instrument :

MSVOA_U

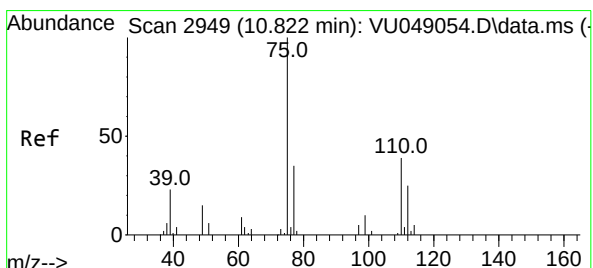
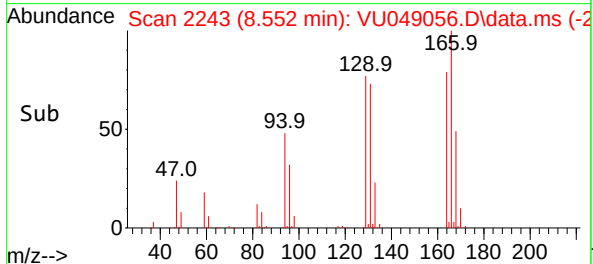
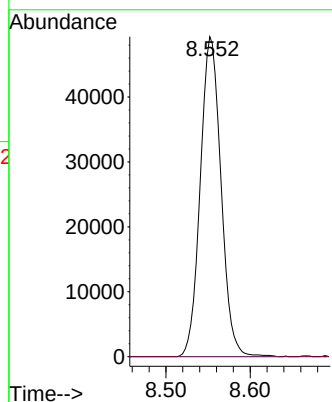
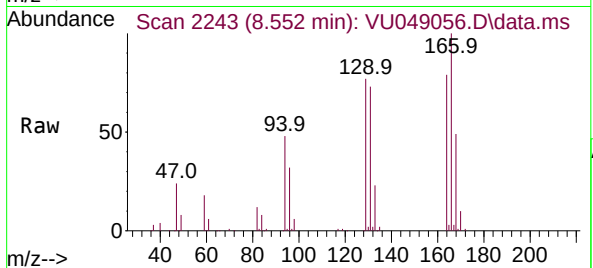
ClientSampleId :

Tgt Ion:129 Resp: 84314

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.073 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049056.D

Acq: 11 Jun 2022 16:46

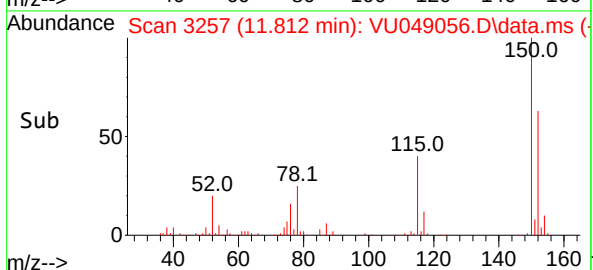
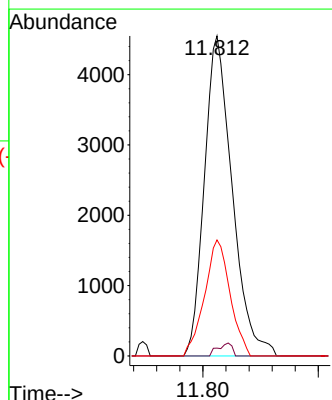
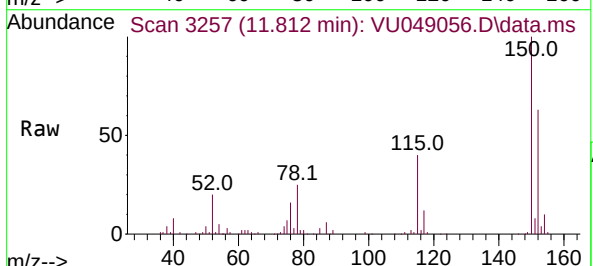
Tgt Ion: 75 Resp: 7615

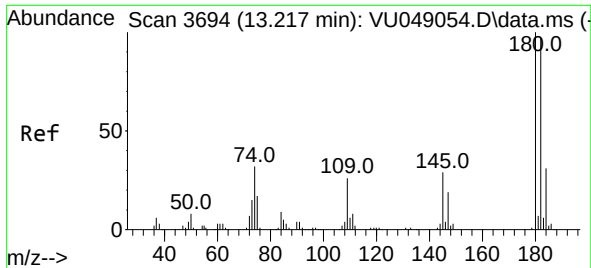
Ion Ratio Lower Upper

75 100

110 2.0 28.6 43.0#

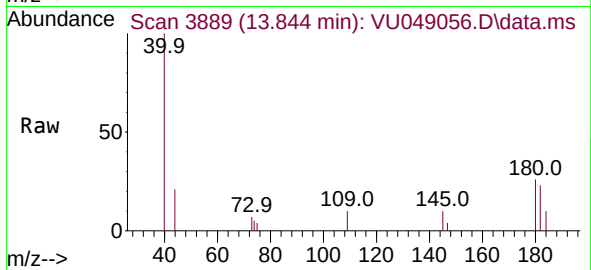
77 33.1 25.4 38.0



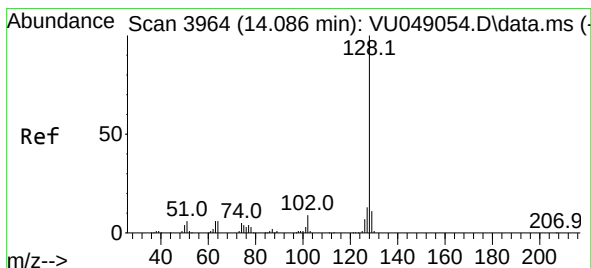
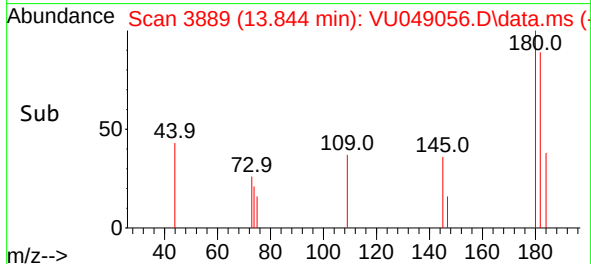
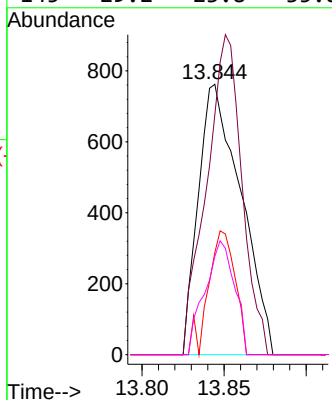


#69
1,3,5-Trichlorobenzene
Concen: 0.091 ug/L
RT: 13.844 min Scan# 31
Delta R.T. 0.627 min
Lab File: VU049056.D
Acq: 11 Jun 2022 16:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:180 Resp: 1375
Ion Ratio Lower Upper
180 100
182 98.2 77.1 115.7
184 28.7 23.6 35.4
145 29.2 23.8 35.8



#71
Naphthalene
Concen: 0.176 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.010 min
Lab File: VU049056.D
Acq: 11 Jun 2022 16:46

Tgt Ion:128 Resp: 4085
Ion Ratio Lower Upper
128 100
129 5.8 8.5 12.7#
127 6.1 10.5 15.7#

