

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051121\
 Data File : VU043656.D
 Acq On : 11 May 2021 11:57
 Operator : SY/MD
 Sample : M2301-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 01:28:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 01:26:46 2021
 Response via : Initial Calibration

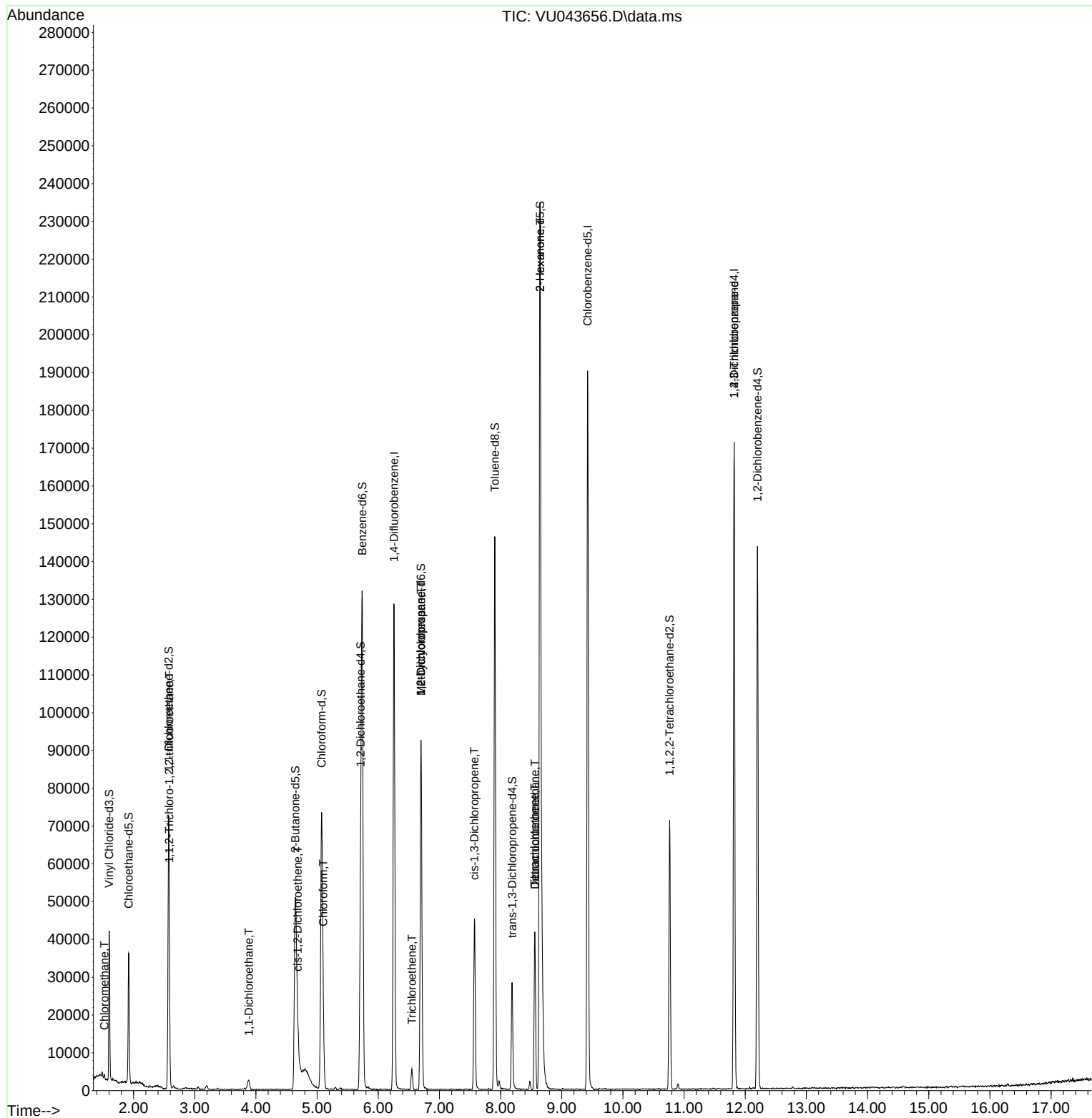
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	92728	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	93502	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41426	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27233	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.919	69	23187	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.575	65	13816	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.645	46	107500	46.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.88%
24) Chloroform-d	5.073	84	62126	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.713	65	39576	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.739	84	108918	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.700	67	41606	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.906	98	89373	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloroprop...	8.189	79	15371	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.645	63	86092	57.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.74%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34959	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	35003	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%
Target Compounds						
3) Chloromethane	1.523	50	969	0.15	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1325	0.22	ug/L #	78
19) 1,1-Dichloroethane	3.883	63	3691	0.29	ug/L	98
22) cis-1,2-Dichloroethene	4.684	96	1517	0.24	ug/L	84
25) Chloroform	5.099	83	13358	0.98	ug/L	92
34) Trichloroethene	6.549	95	1875	0.30	ug/L	79
35) Methylcyclohexane	6.700	83	8770	1.08	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4731	0.64	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	943	0.10	ug/L #	35
47) Tetrachloroethene	8.558	164	8718	1.88	ug/L	97
48) 2-Hexanone	8.645	43	12107	2.71	ug/L #	72
49) Dibromochloromethane	8.562	129	8388	1.37	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5366	1.28	ug/L #	66

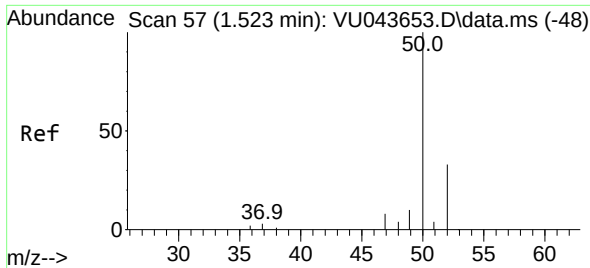
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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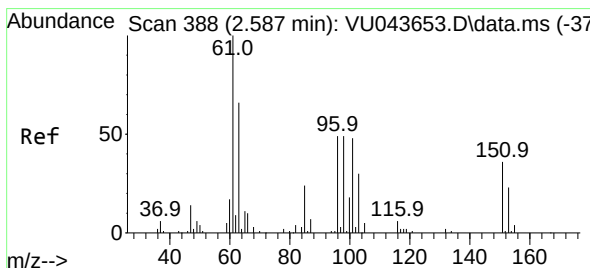
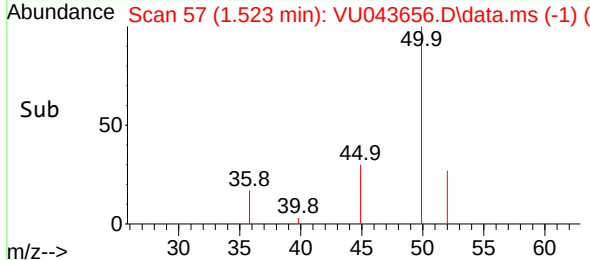
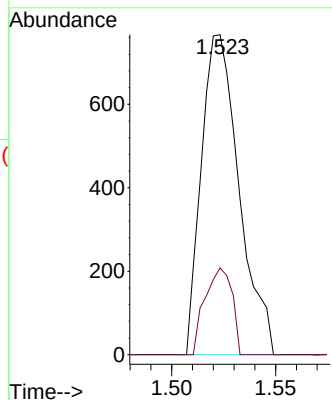
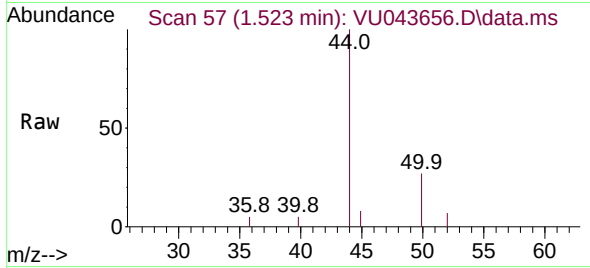




#3
Chloromethane
Concen: 0.15 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043656.D
Acq: 11 May 2021 11:57

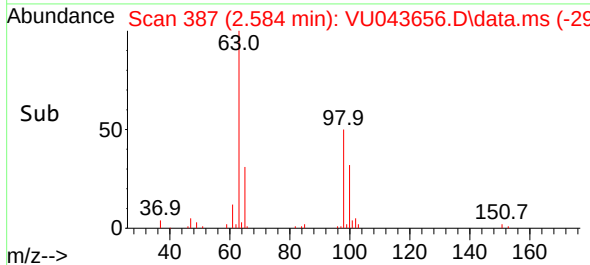
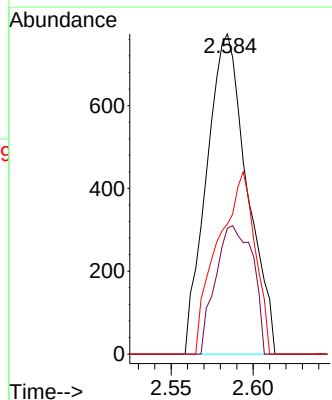
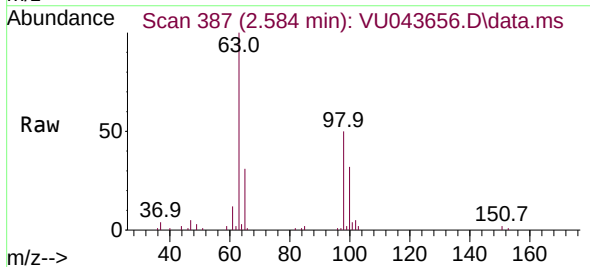
Instrument :
MSVOA_U
ClientSampled :

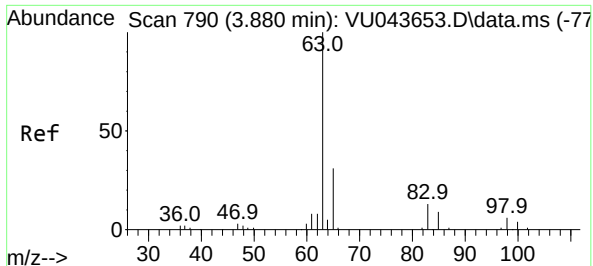
Tgt Ion: 50 Resp: 969
Ion Ratio Lower Upper
50 100
52 27.1 22.1 41.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.22 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043656.D
Acq: 11 May 2021 11:57

Tgt Ion: 101 Resp: 1325
Ion Ratio Lower Upper
101 100
85 36.7 38.5 57.7#
151 52.2 58.5 87.7#





#19

1,1-Dichloroethane

Concen: 0.29 ug/L

RT: 3.883 min Scan# 791

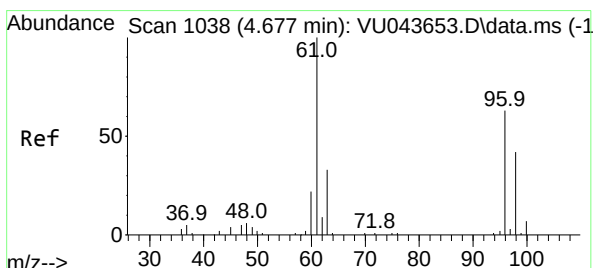
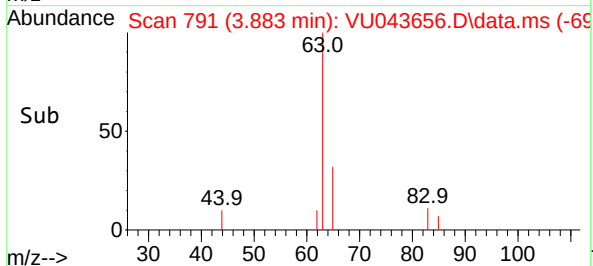
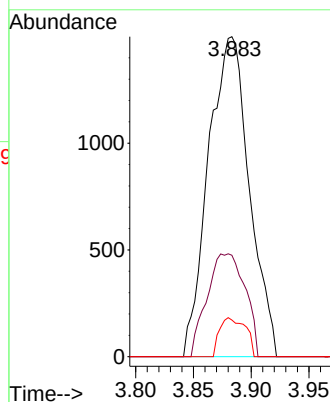
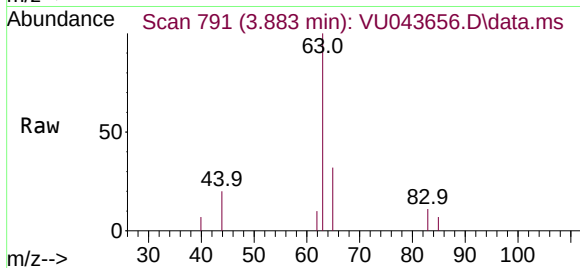
Delta R.T. 0.003 min

Lab File: VU043656.D

Acq: 11 May 2021 11:57

Tgt Ion:	63	Resp:	3691
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.7	42.1
83	11.5	9.4	17.4

Instrument :
MSVOA_U
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 0.24 ug/L

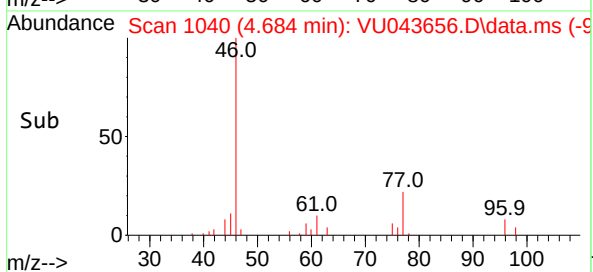
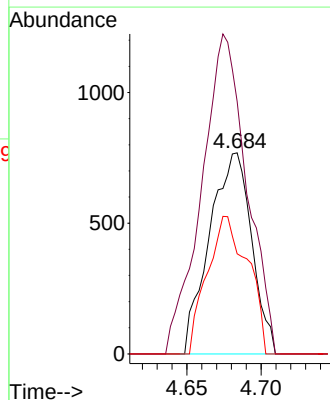
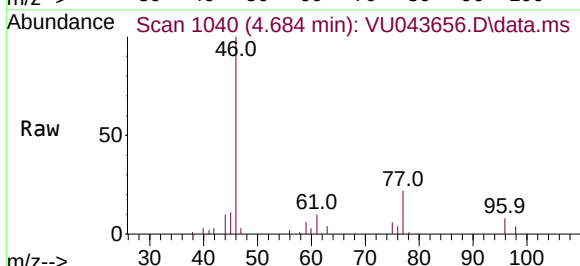
RT: 4.684 min Scan# 1040

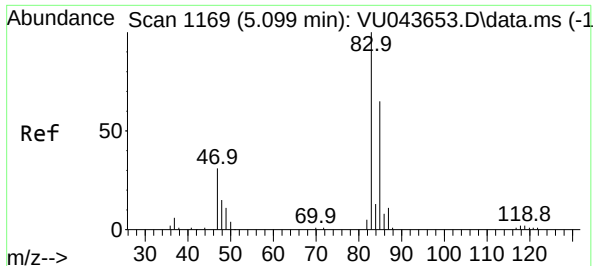
Delta R.T. 0.006 min

Lab File: VU043656.D

Acq: 11 May 2021 11:57

Tgt Ion:	96	Resp:	1517
Ion	Ratio	Lower	Upper
96	100		
61	125.6	102.8	190.8
98	49.8	42.8	79.6





#25

Chloroform

Concen: 0.98 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VU043656.D

Acq: 11 May 2021 11:57

Tgt Ion: 83 Resp: 13358

Ion Ratio Lower Upper

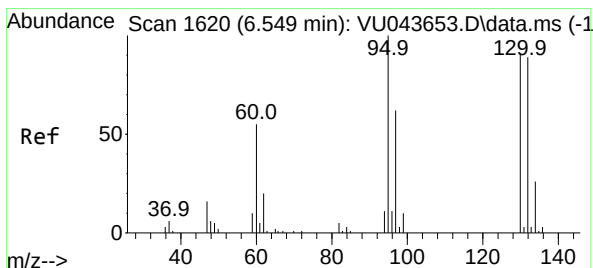
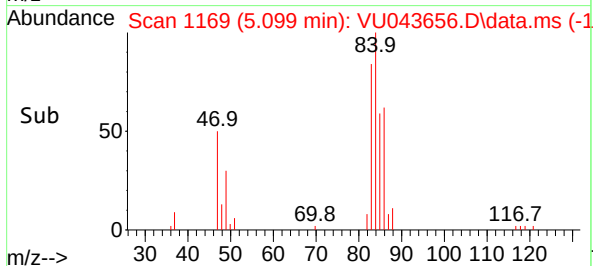
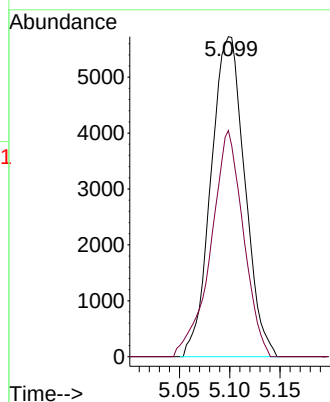
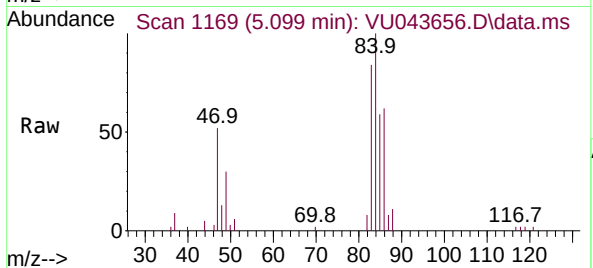
83 100

85 70.7 45.1 83.9

Instrument :

MSVOA_U

ClientSampled :



#34

Trichloroethene

Concen: 0.30 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VU043656.D

Acq: 11 May 2021 11:57

Tgt Ion: 95 Resp: 1875

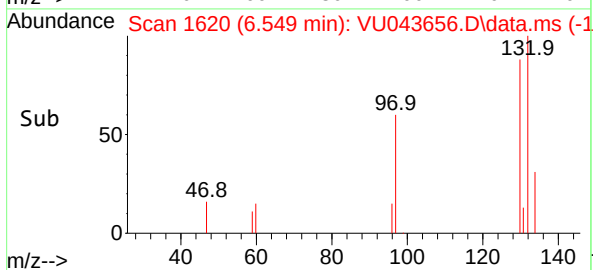
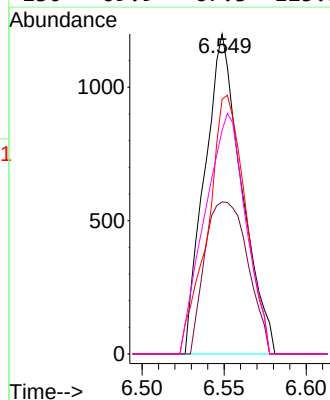
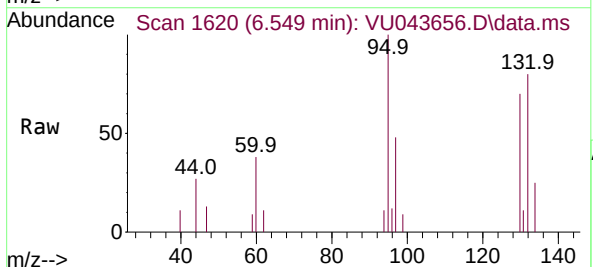
Ion Ratio Lower Upper

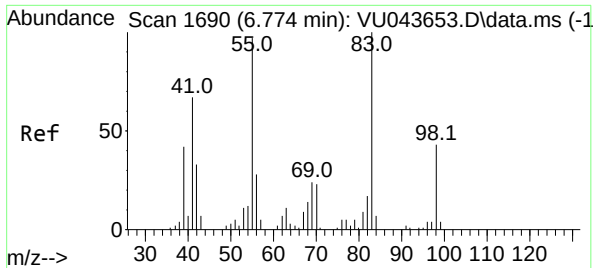
95 100

97 47.5 46.5 86.5

132 79.7 64.1 119.1

130 69.9 67.3 125.1

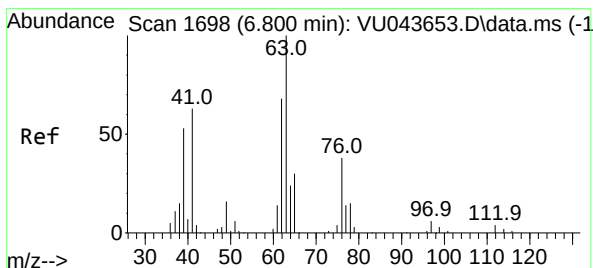
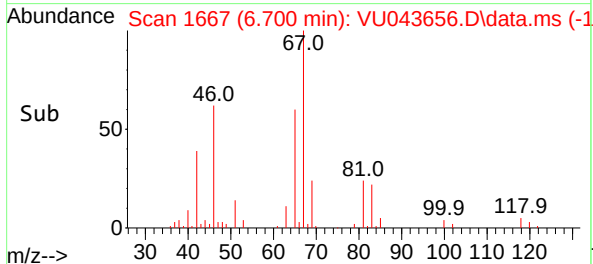
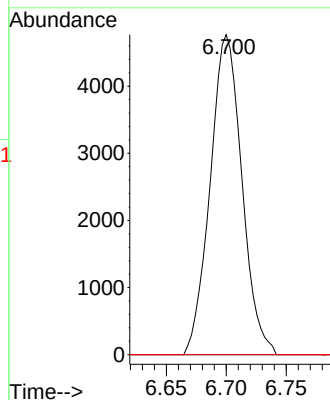
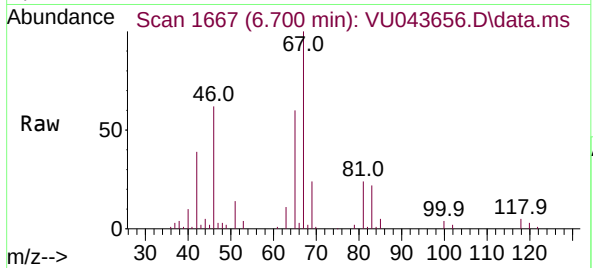




#35
Methylcyclohexane
Concen: 1.08 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043656.D
Acq: 11 May 2021 11:57

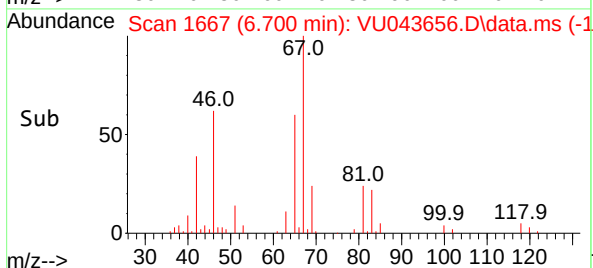
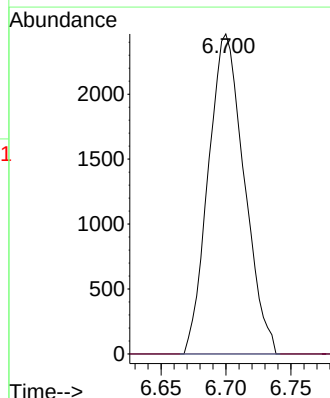
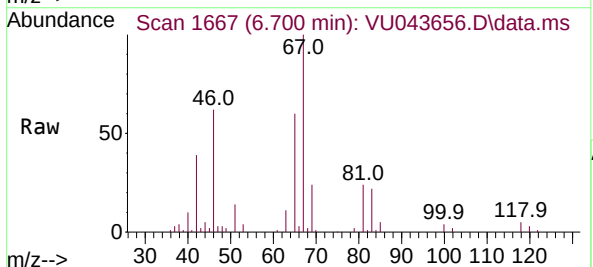
Instrument :
MSVOA_U
ClientSampleId :

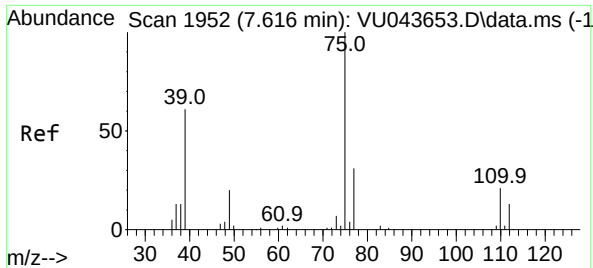
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	0.2	35.5	53.3#



#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043656.D
Acq: 11 May 2021 11:57

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



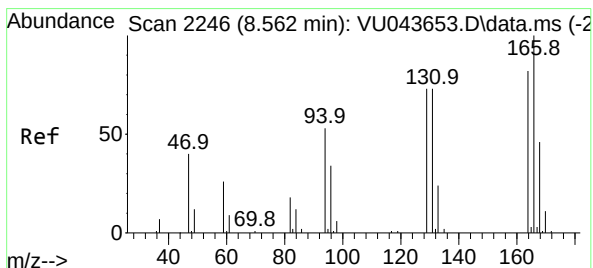
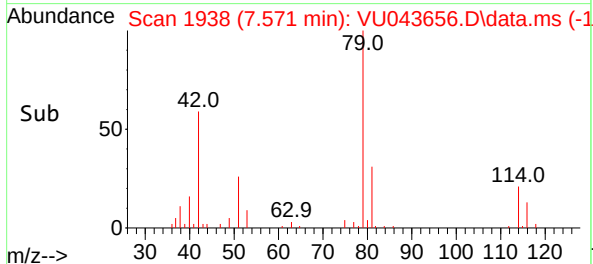
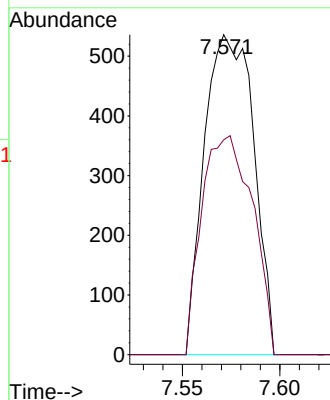
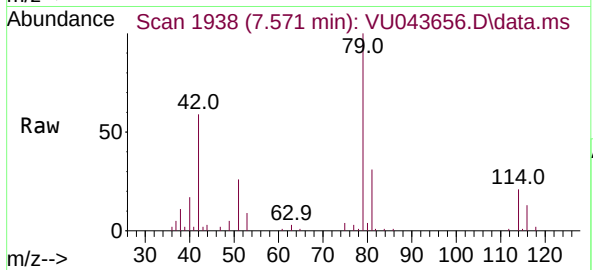


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043656.D
Acq: 11 May 2021 11:57

Instrument :
MSVOA_U
ClientSampled :

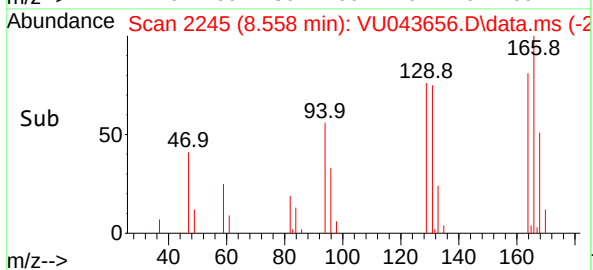
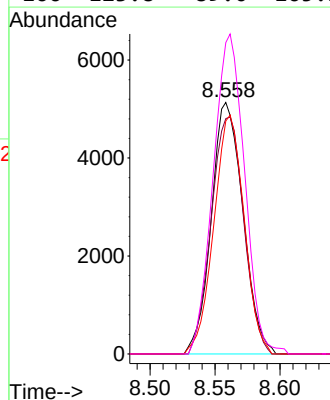
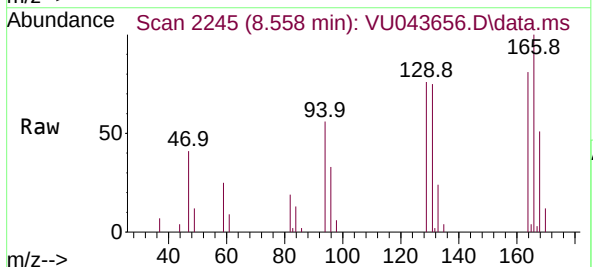
Tgt Ion: 75 Resp: 943
Ion Ratio Lower Upper
75 100
77 67.2 21.9 40.7#

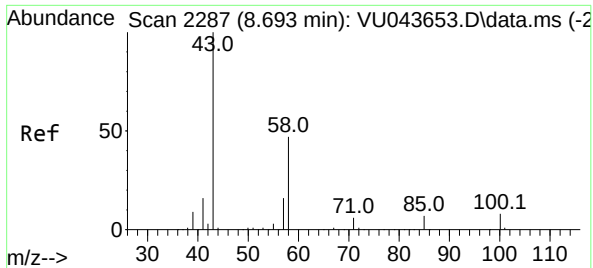


#47

Tetrachloroethene
Concen: 1.88 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043656.D
Acq: 11 May 2021 11:57

Tgt Ion: 164 Resp: 8718
Ion Ratio Lower Upper
164 100
129 93.6 62.5 116.1
131 92.6 64.9 120.5
166 123.8 89.0 165.2

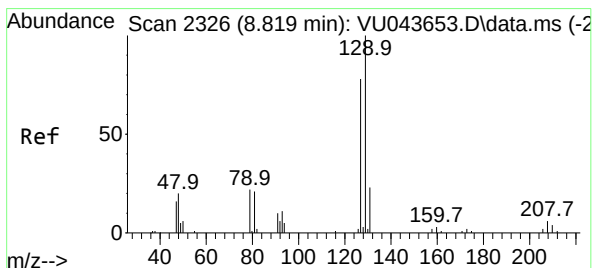
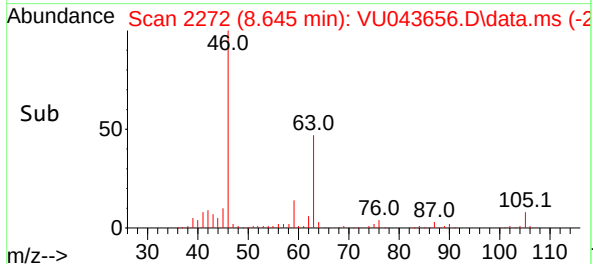
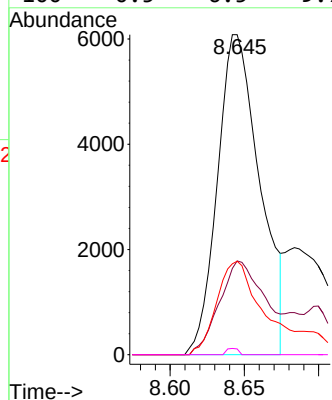
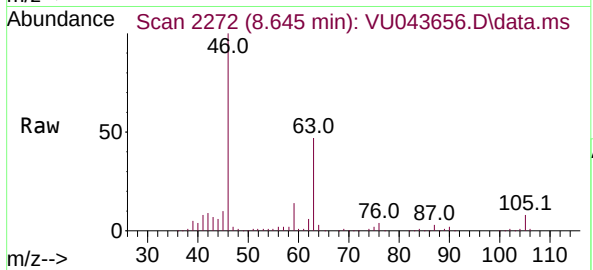




#48
2-Hexanone
Concen: 2.71 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU043656.D
Acq: 11 May 2021 11:57

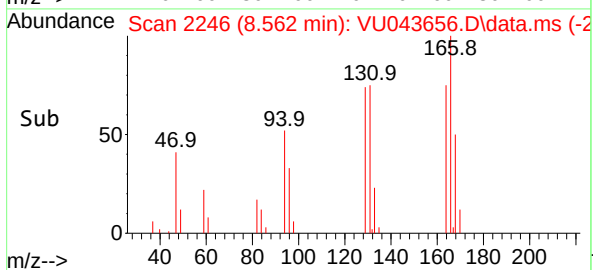
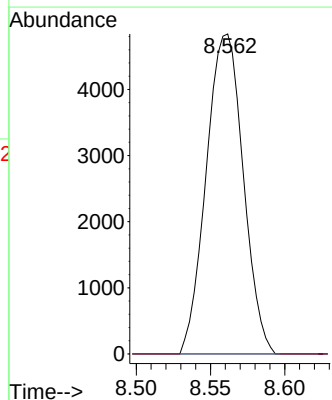
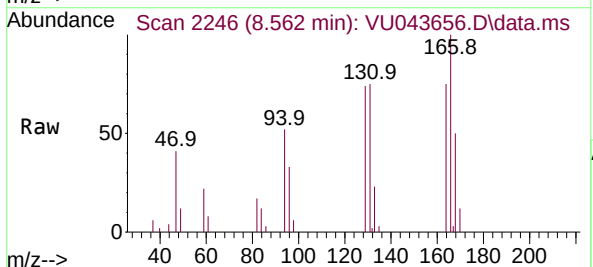
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ClientSampleId :

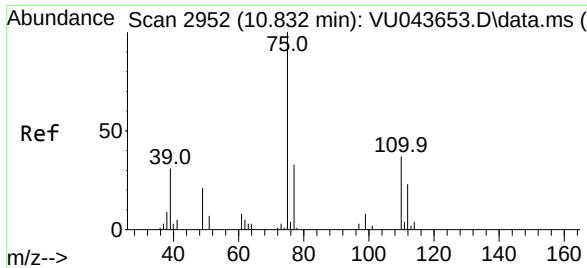
Tgt Ion:	43	Resp:	12107
Ion Ratio	Lower	Upper	
43	100		
58	31.2	36.8	55.2#
57	37.3	13.2	19.8#
100	0.5	6.5	9.7#



#49
Dibromochloromethane
Concen: 1.37 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043656.D
Acq: 11 May 2021 11:57

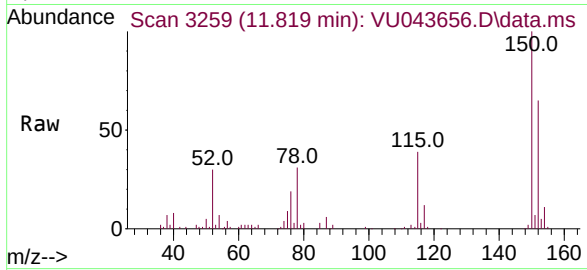
Tgt Ion:	129	Resp:	8388
Ion Ratio	Lower	Upper	
129	100		
127	0.0	52.4	97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.28 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043656.D
 Acq: 11 May 2021 11:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	5366
Ion	Ratio	Lower	Upper
75	100		
110	2.2	28.6	42.8#
77	36.6	25.7	38.5

