

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051121\
 Data File : VU043655.D
 Acq On : 11 May 2021 11:33
 Operator : SY/MD
 Sample : M2301-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 01:27:56 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)

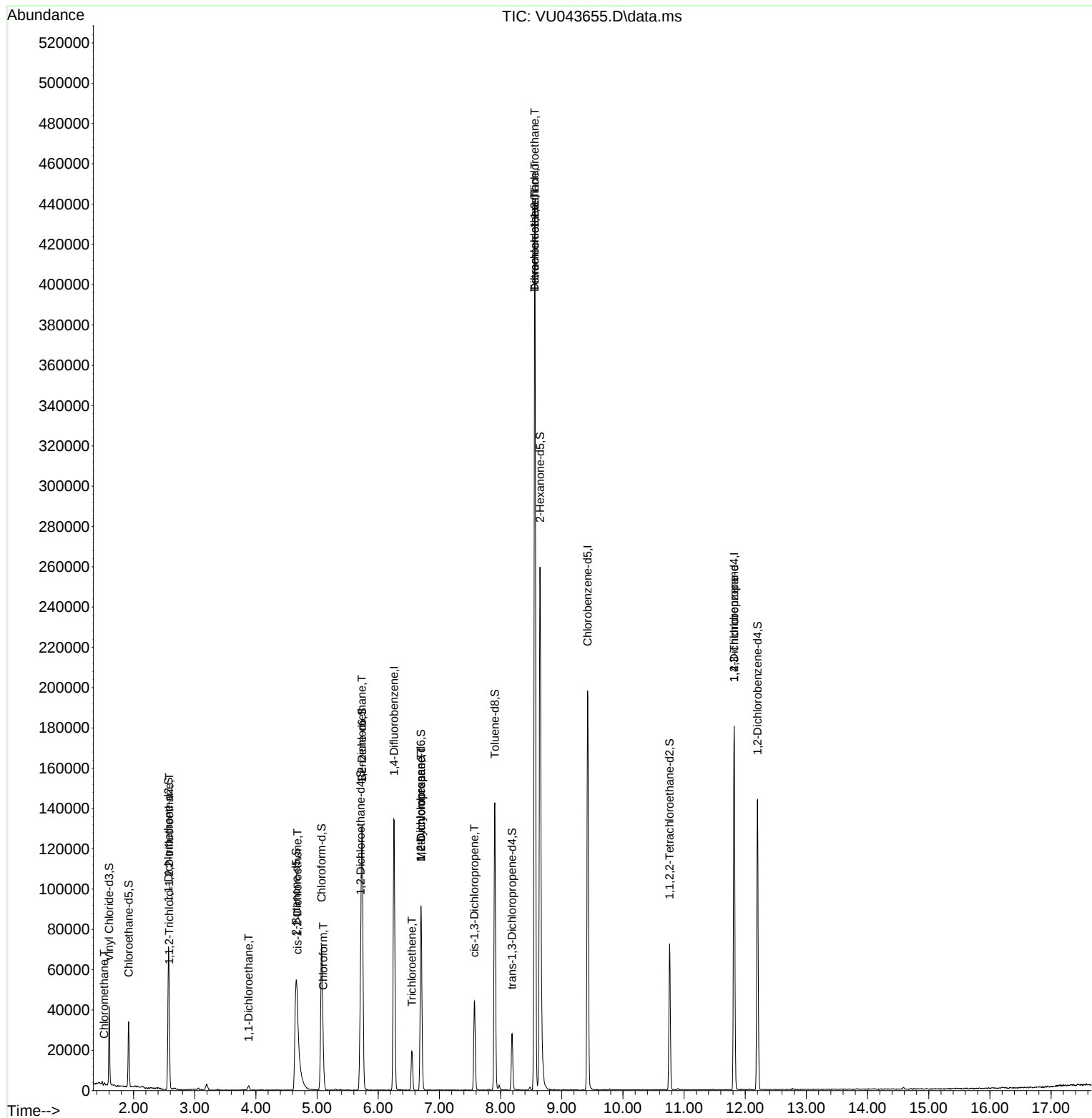
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	97451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	99627	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	43045	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	25701	3.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.60%
7) Chloroethane-d5	1.919	69	22164	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.571	65	13619	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.658	46	137775	56.63	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.26%
24) Chloroform-d	5.073	84	60637	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.713	65	39562	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.735	84	106133	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
36) 1,2-Dichloropropane-d6	6.700	67	40395	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.906	98	87441	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloroprop...	8.185	79	14751	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.645	63	85929	53.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.48%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34163	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	33779	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	730	0.10	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1274	0.20	ug/L #	59
19) 1,1-Dichloroethane	3.880	63	2694	0.20	ug/L	94
22) cis-1,2-Dichloroethene	4.678	96	1477	0.22	ug/L	97
25) Chloroform	5.099	83	10775	0.75	ug/L	96
27) 1,2-Dichloroethane	5.732	62	831	0.09	ug/L #	78
34) Trichloroethene	6.549	95	6295	0.94	ug/L	96
35) Methylcyclohexane	6.700	83	8794	1.01	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4532	0.58	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	938	0.09	ug/L #	56
45) 1,1,2-Trichloroethane	8.555	97	907	0.17	ug/L #	1
47) Tetrachloroethene	8.558	164	88500	17.93	ug/L	97
49) Dibromochloromethane	8.558	129	85992	13.14	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5885	1.35	ug/L #	68

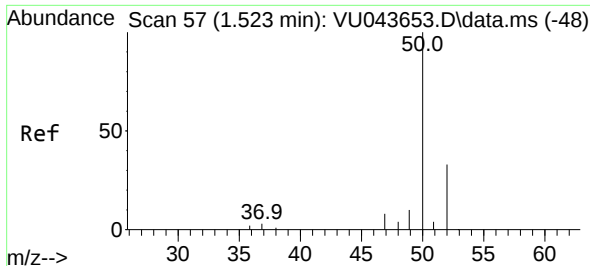
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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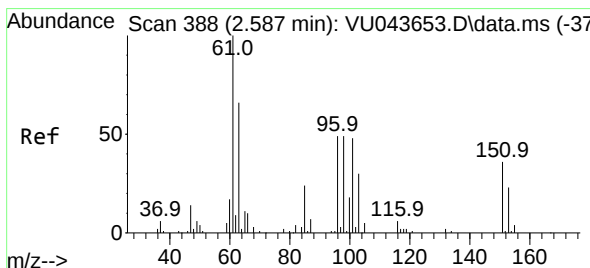
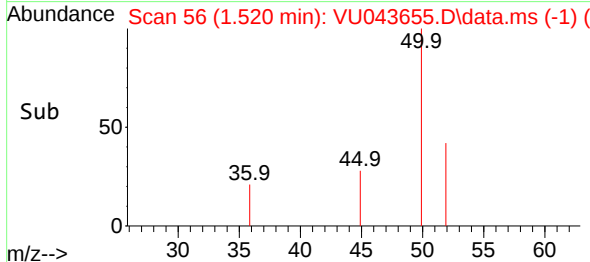
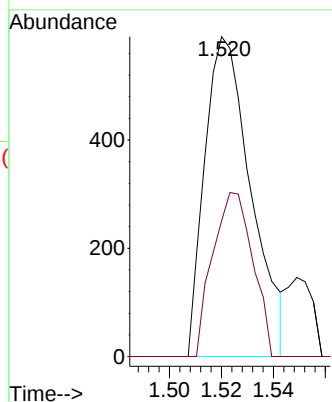
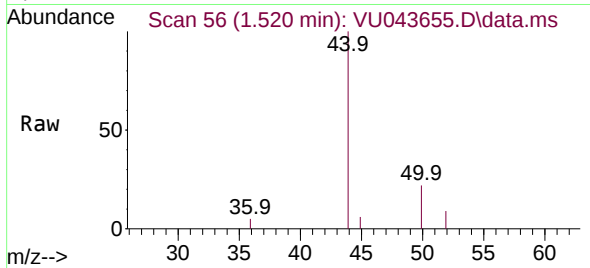




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043655.D
Acq: 11 May 2021 11:33

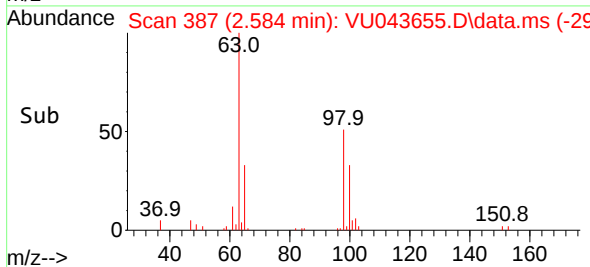
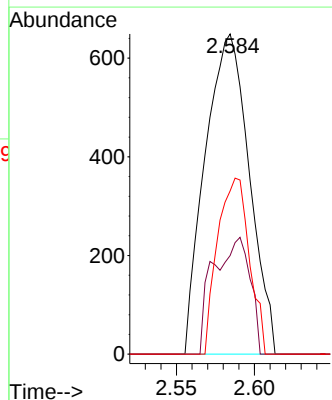
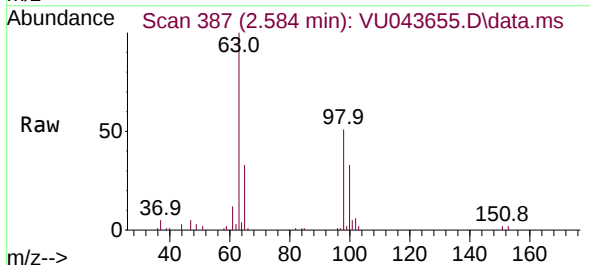
Instrument :
MSVOA_U
ClientSampled :

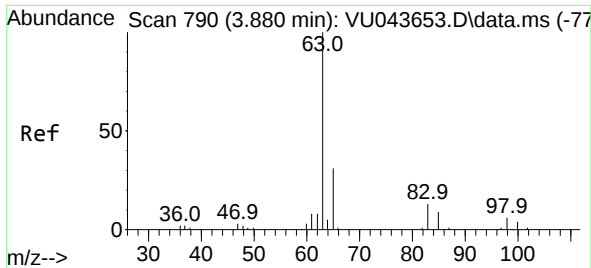
Tgt Ion: 50 Resp: 730
Ion Ratio Lower Upper
50 100
52 42.5 22.1 41.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.20 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043655.D
Acq: 11 May 2021 11:33

Tgt Ion: 101 Resp: 1274
Ion Ratio Lower Upper
101 100
85 20.0 38.5 57.7#
151 39.5 58.5 87.7#





#19

1,1-Dichloroethane

Concen: 0.20 ug/L

RT: 3.880 min Scan# 790

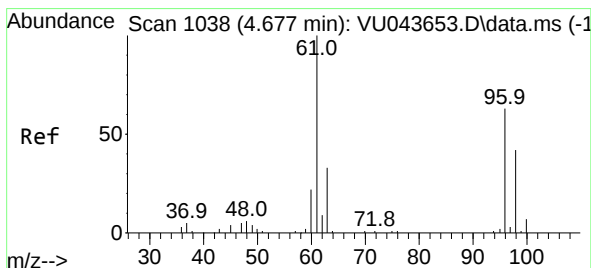
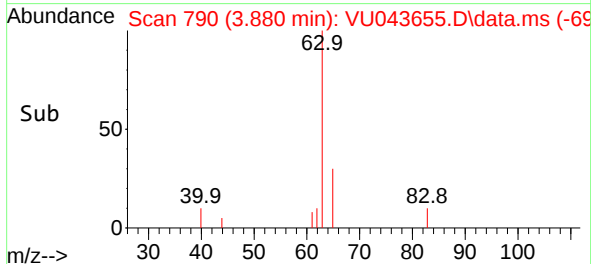
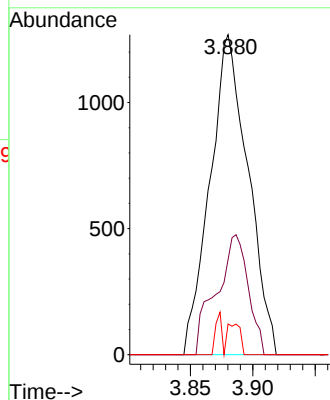
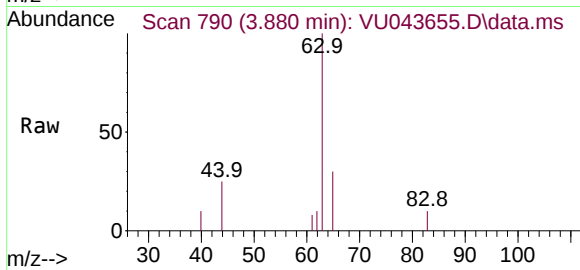
Delta R.T. 0.000 min

Lab File: VU043655.D

Acq: 11 May 2021 11:33

Tgt Ion:	63	Resp:	2694
Ion	Ratio	Lower	Upper
63	100		
65	29.7	22.7	42.1
83	9.6	9.4	17.4

Instrument :
MSVOA_U
ClientSampleId :



#22

cis-1,2-Dichloroethene

Concen: 0.22 ug/L

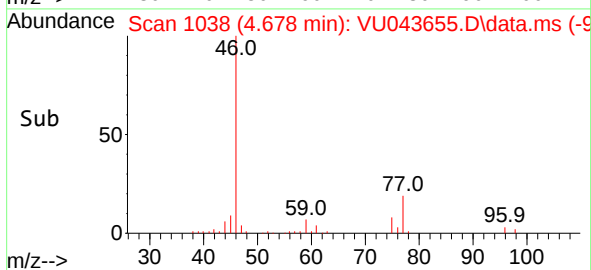
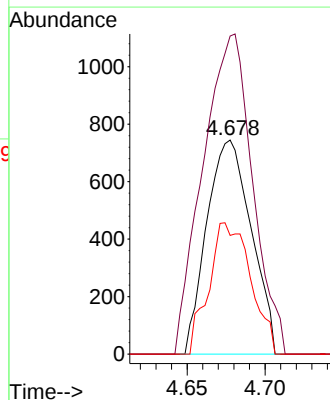
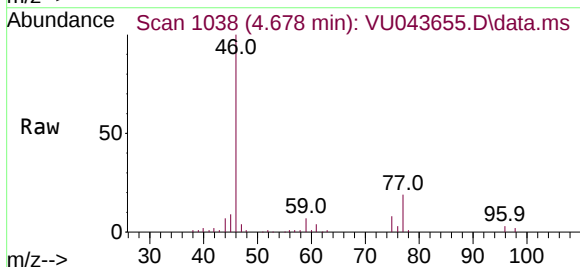
RT: 4.678 min Scan# 1038

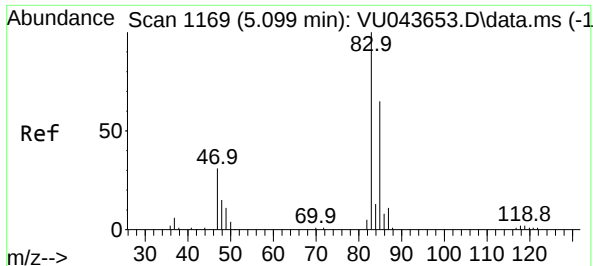
Delta R.T. 0.000 min

Lab File: VU043655.D

Acq: 11 May 2021 11:33

Tgt Ion:	96	Resp:	1477
Ion	Ratio	Lower	Upper
96	100		
61	148.6	102.8	190.8
98	55.4	42.8	79.6





#25

Chloroform

Concen: 0.75 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU043655.D

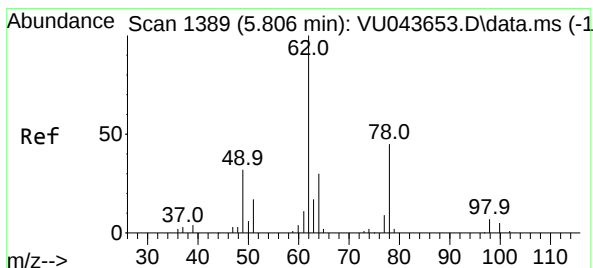
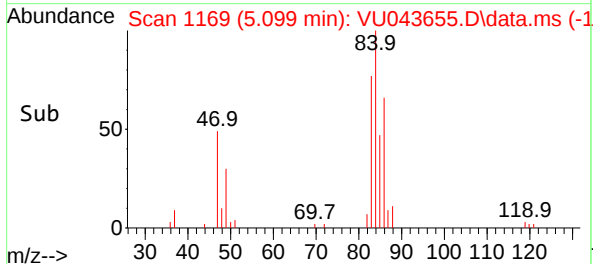
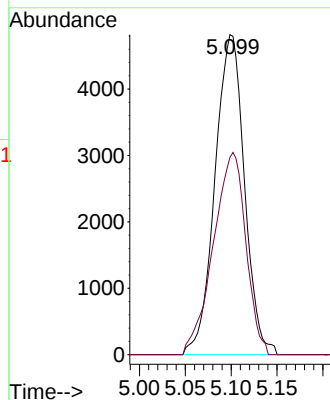
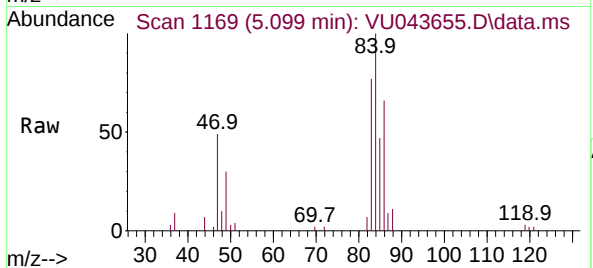
Acq: 11 May 2021 11:33

Tgt Ion: 83 Resp: 10775

Ion Ratio Lower Upper

83 100

85 61.7 45.1 83.9



#27

1,2-Dichloroethane

Concen: 0.09 ug/L

RT: 5.732 min Scan# 1366

Delta R.T. -0.074 min

Lab File: VU043655.D

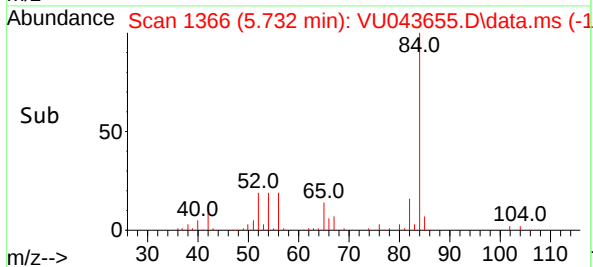
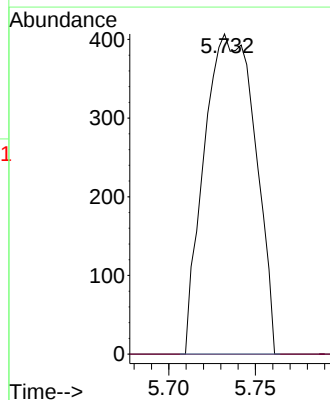
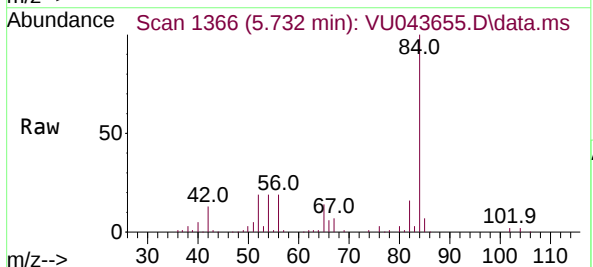
Acq: 11 May 2021 11:33

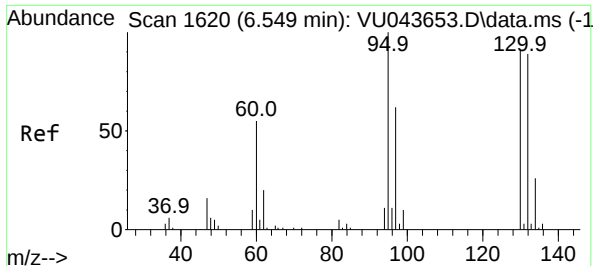
Tgt Ion: 62 Resp: 831

Ion Ratio Lower Upper

62 100

98 0.0 6.1 9.1#



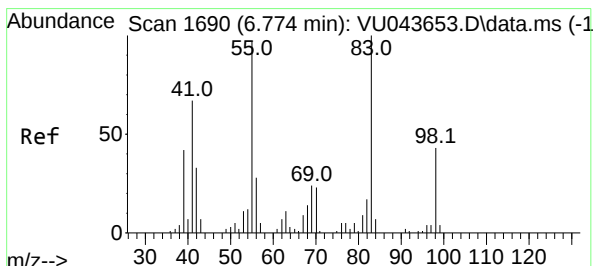
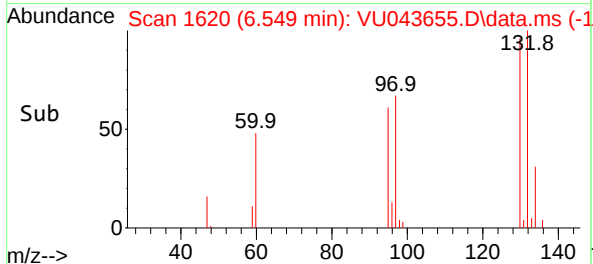
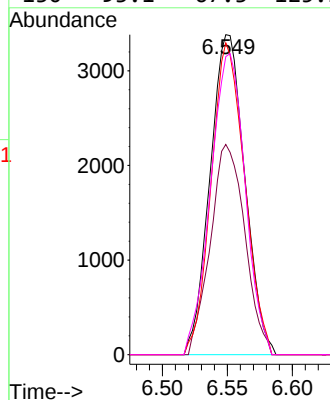
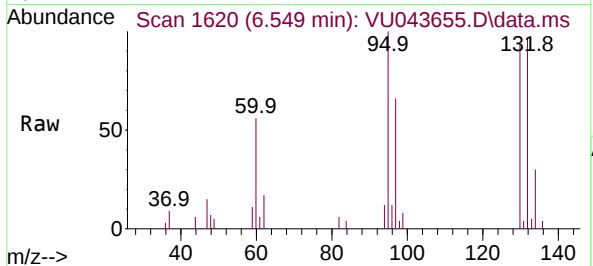


#34
Trichloroethene
Concen: 0.94 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043655.D
Acq: 11 May 2021 11:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 6295

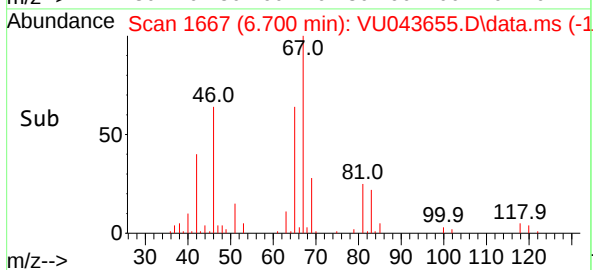
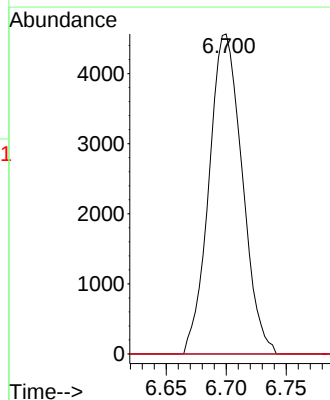
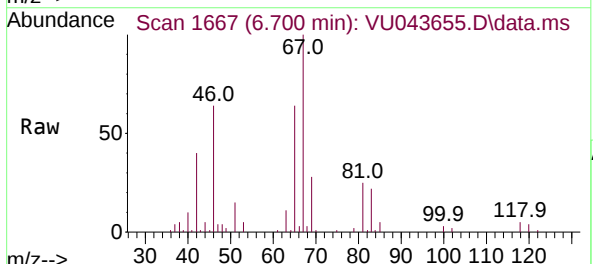
Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.5	86.5
132	97.5	64.1	119.1
130	93.1	67.3	125.1

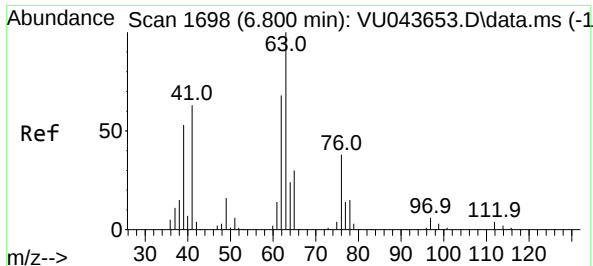


#35
Methylcyclohexane
Concen: 1.01 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043655.D
Acq: 11 May 2021 11:33

Tgt Ion: 83 Resp: 8794

Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	5.3	35.5	53.3#



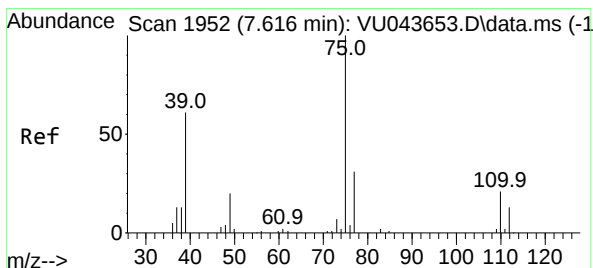
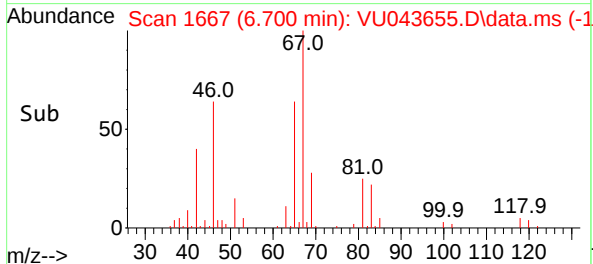
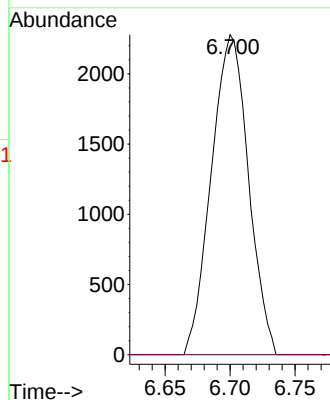
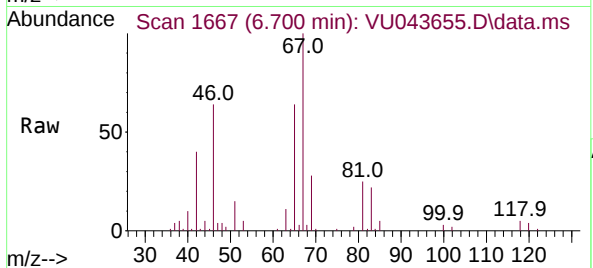


#37

1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043655.D
Acq: 11 May 2021 11:33

Instrument :
MSVOA_U
ClientSampled :

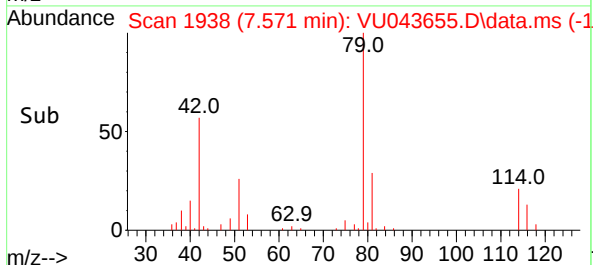
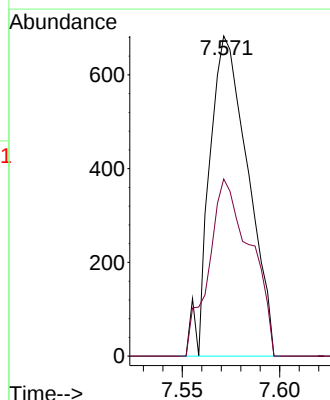
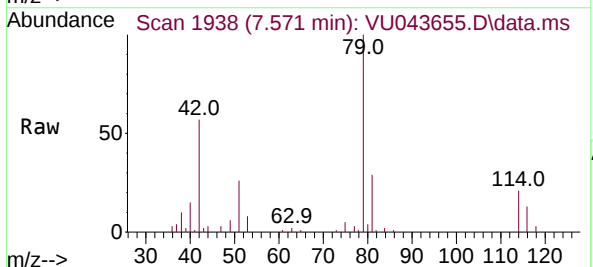
Tgt Ion: 63 Resp: 4532
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

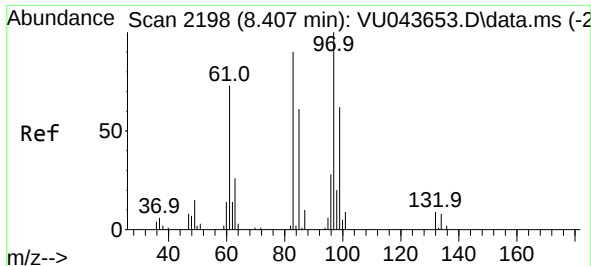


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043655.D
Acq: 11 May 2021 11:33

Tgt Ion: 75 Resp: 938
Ion Ratio Lower Upper
75 100
77 55.3 21.9 40.7#





#45

1,1,2-Trichloroethane

Concen: 0.17 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.148 min

Lab File: VU043655.D

Acq: 11 May 2021 11:33

Tgt Ion: 97 Resp: 907

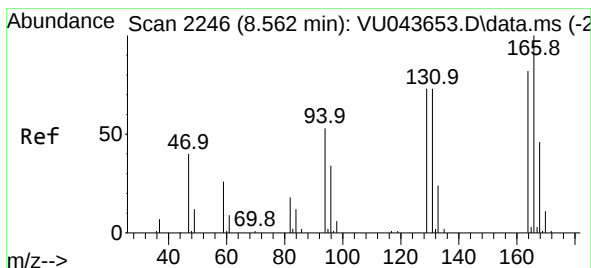
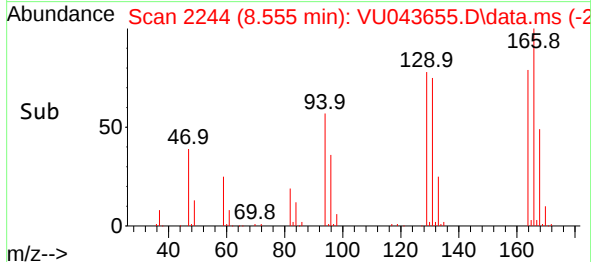
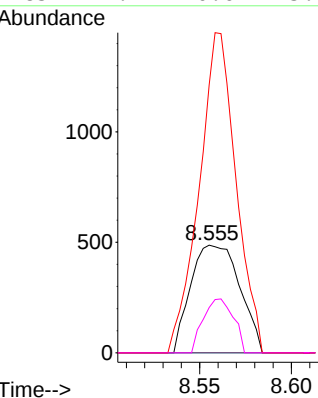
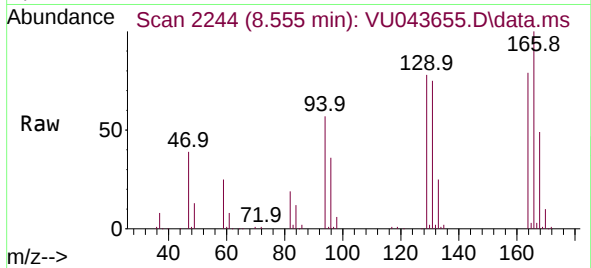
Ion Ratio Lower Upper

97 100

99 0.0 42.6 79.0#

83 248.9 64.1 119.1#

85 42.1 40.6 75.4



#47

Tetrachloroethene

Concen: 17.93 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU043655.D

Acq: 11 May 2021 11:33

Tgt Ion: 164 Resp: 88500

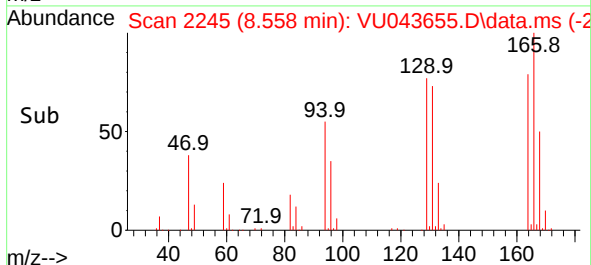
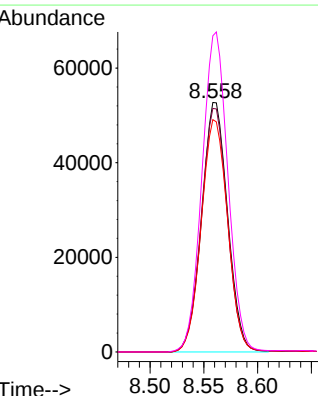
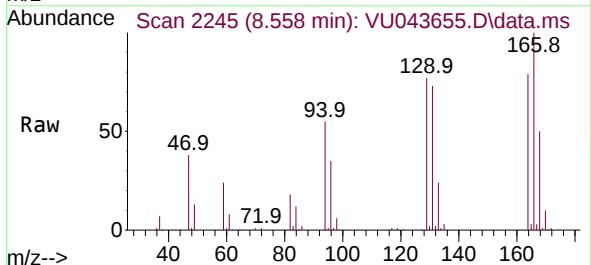
Ion Ratio Lower Upper

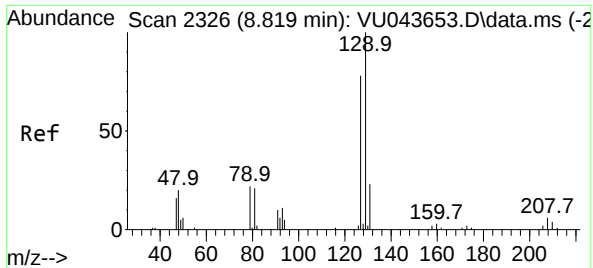
164 100

129 97.6 62.5 116.1

131 93.1 64.9 120.5

166 126.8 89.0 165.2





#49

Dibromochloromethane

Concen: 13.14 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.260 min

Lab File: VU043655.D

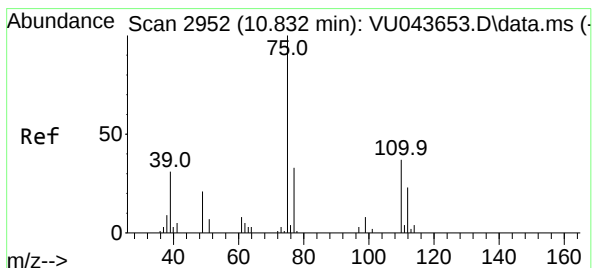
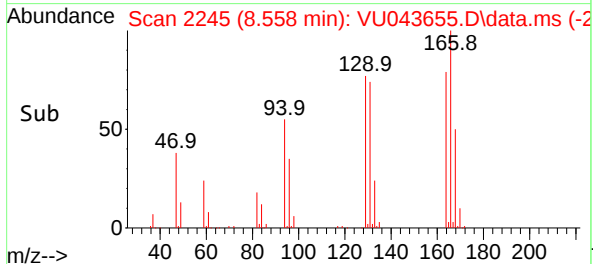
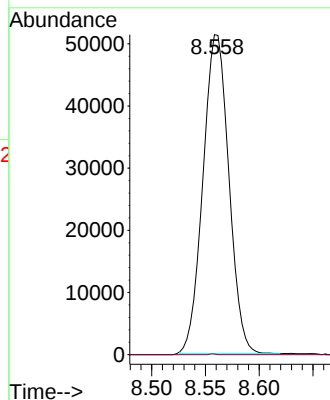
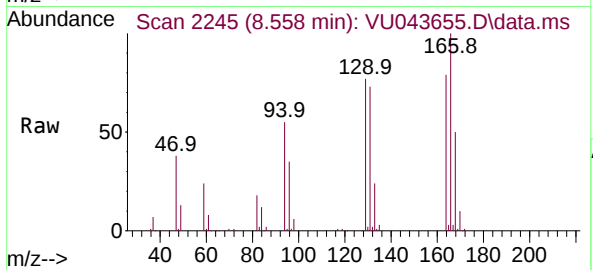
Acq: 11 May 2021 11:33

Tgt Ion:129 Resp: 85992

Ion Ratio Lower Upper

129 100

127 0.2 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.35 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043655.D

Acq: 11 May 2021 11:33

Tgt Ion: 75 Resp: 5885

Ion Ratio Lower Upper

75 100

110 1.2 28.6 42.8#

77 31.3 25.7 38.5

