

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043809.D
 Acq On : 18 May 2021 13:13
 Operator : SY/MD
 Sample : M2396-05 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 19 01:41:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

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

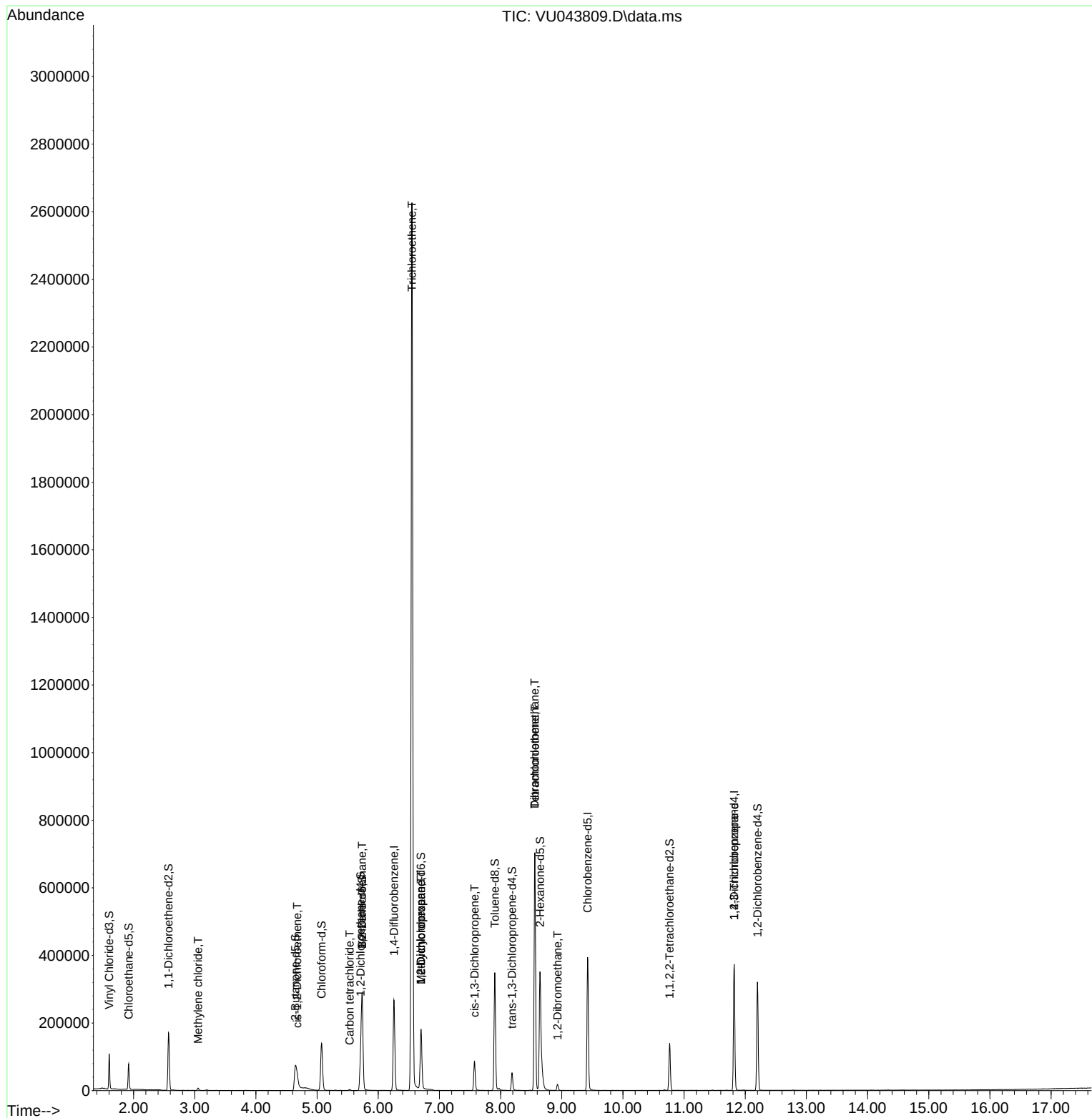
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	220114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	227762	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103877	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	72316	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.919	69	54097	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.572	65	32544	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.645	46	156632	50.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.52%
24) Chloroform-d	5.073	84	133108	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.713	65	68658	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.735	84	273009	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.700	67	90114	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.906	98	237369	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	8.186	79	30316	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.645	63	148140	48.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.12%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71905	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	90471	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	3237	0.15	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	8656	0.54	ug/L	97
27) 1,2-Dichloroethane	5.735	62	1372	0.08	ug/L #	74
31) Carbon tetrachloride	5.533	117	2122	0.11	ug/L	98
34) Trichloroethene	6.549	95	913824	54.06	ug/L	97
35) Methylcyclohexane	6.700	83	20167	0.77	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8605	0.50	ug/L #	88
39) cis-1,3-Dichloropropene	7.575	75	1983	0.09	ug/L #	47
47) Tetrachloroethene	8.562	164	165891	12.14	ug/L	98
49) Dibromochloromethane	8.559	129	150299	10.88	ug/L #	11
50) 1,2-Dibromoethane	8.931	107	11966	1.03	ug/L #	93
61) 1,2,3-Trichloropropane	11.819	75	11351	1.15	ug/L #	69

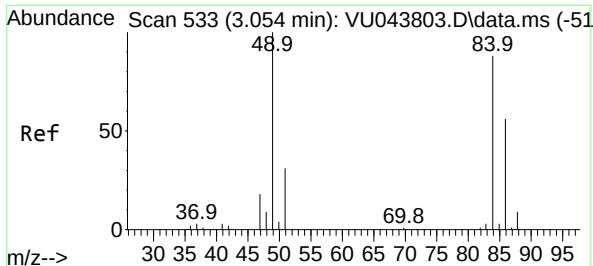
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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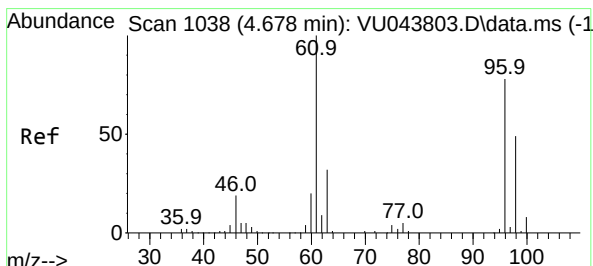
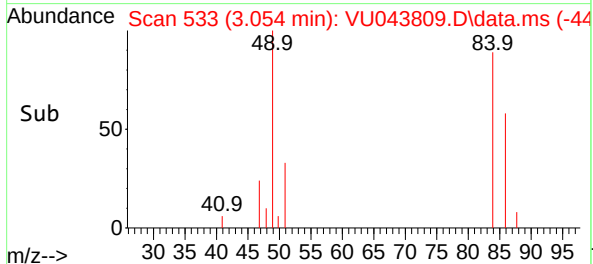
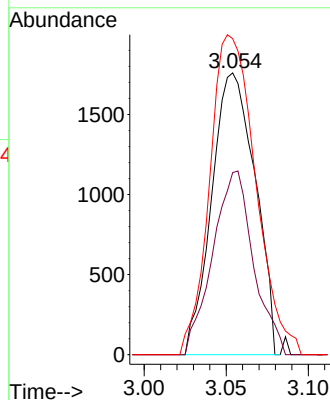
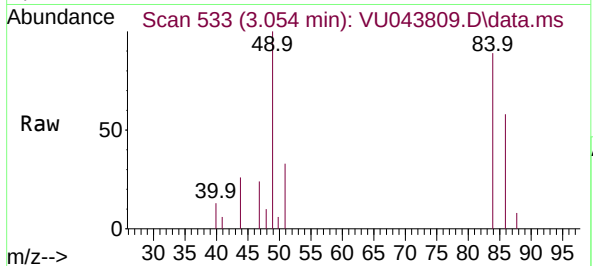




#16
Methylene chloride
Concen: 0.15 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043809.D
Acq: 18 May 2021 13:13

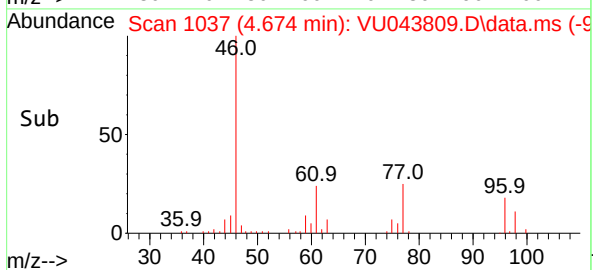
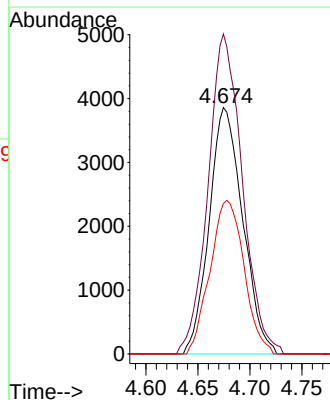
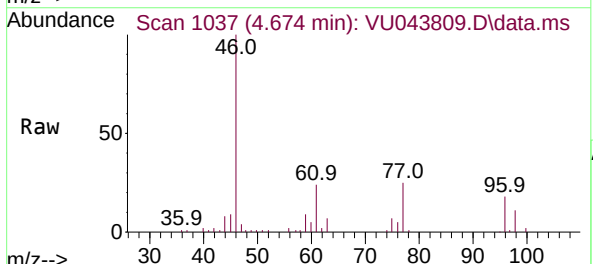
Instrument :
MSVOA_U
ClientSampled :

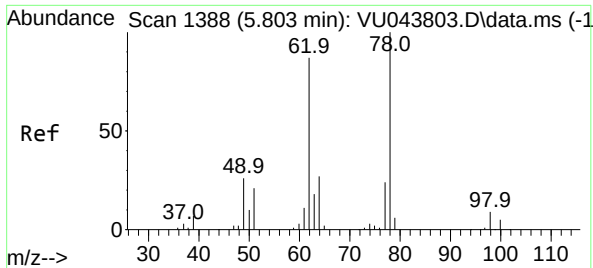
Tgt Ion: 84 Resp: 3237
Ion Ratio Lower Upper
84 100
86 64.6 44.7 82.9
49 119.0 83.1 154.3



#22
cis-1,2-Dichloroethene
Concen: 0.54 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043809.D
Acq: 18 May 2021 13:13

Tgt Ion: 96 Resp: 8656
Ion Ratio Lower Upper
96 100
61 129.8 89.0 165.4
98 61.0 44.9 83.3

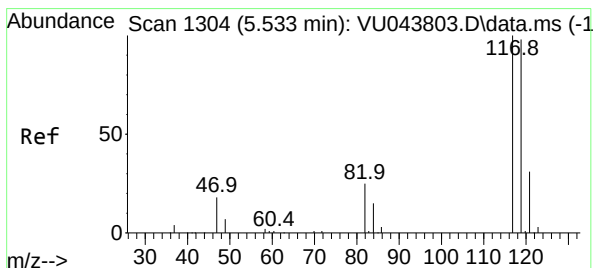
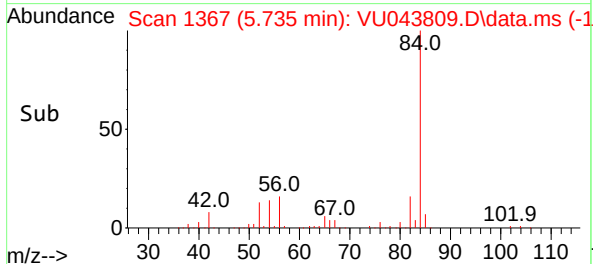
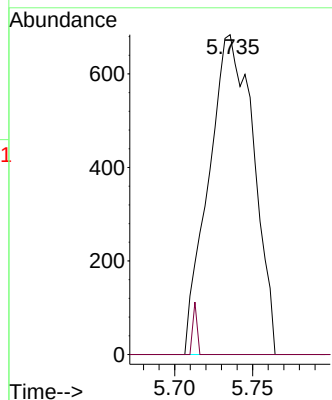
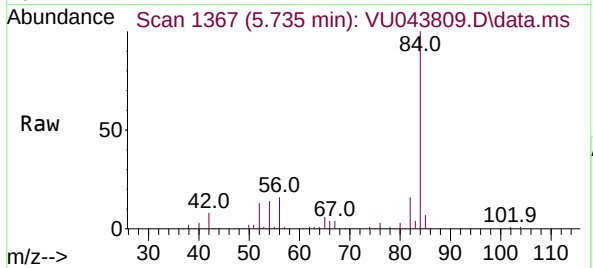




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU043809.D
Acq: 18 May 2021 13:13

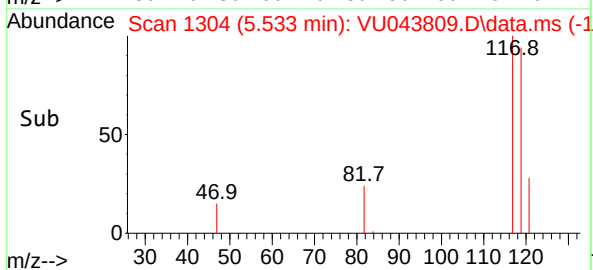
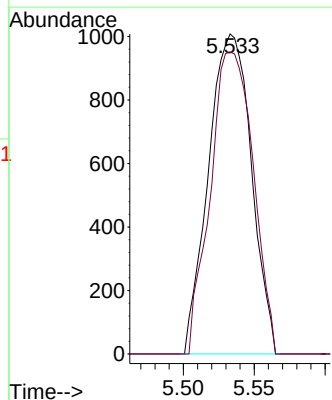
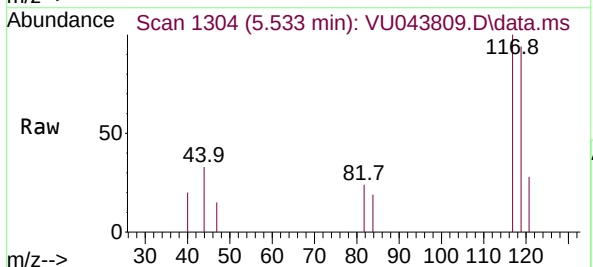
Instrument :
MSVOA_U
ClientSampled :

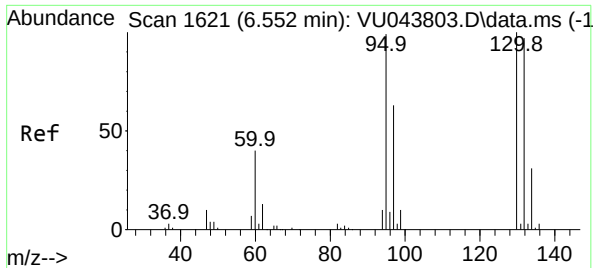
Tgt Ion: 62 Resp: 1372
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#31
Carbon tetrachloride
Concen: 0.11 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043809.D
Acq: 18 May 2021 13:13

Tgt Ion: 117 Resp: 2122
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.0



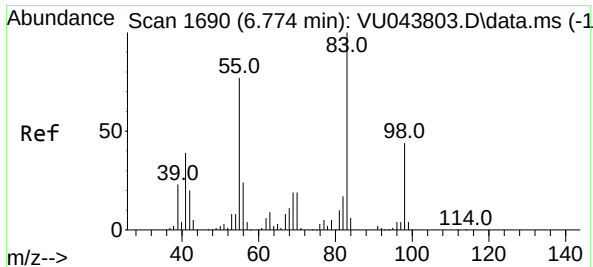
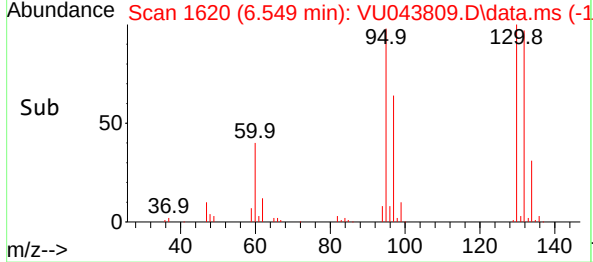
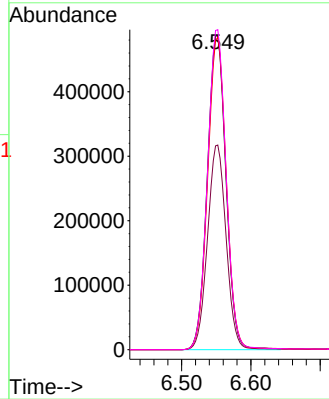
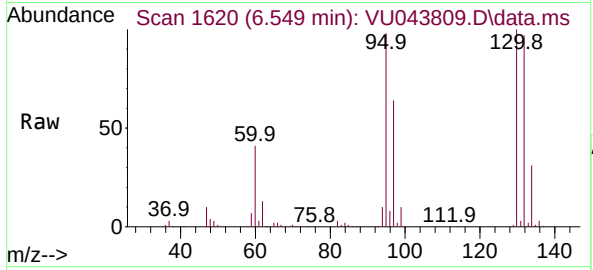


#34
Trichloroethene
Concen: 54.06 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043809.D
Acq: 18 May 2021 13:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 913824

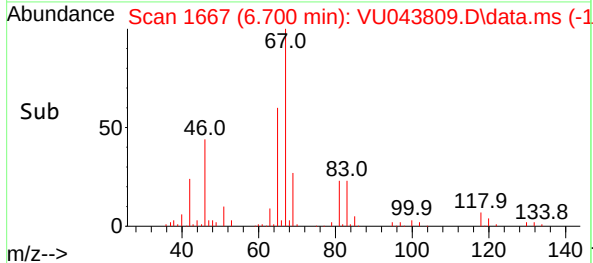
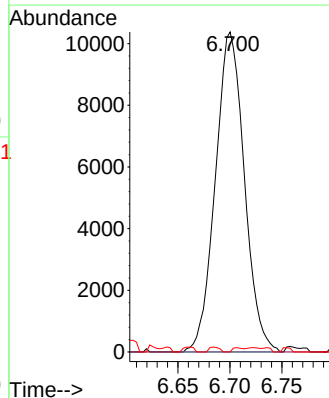
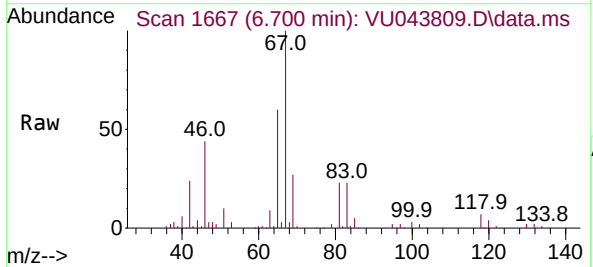
Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.3	82.3
132	98.4	66.0	122.6
130	101.7	69.2	128.6

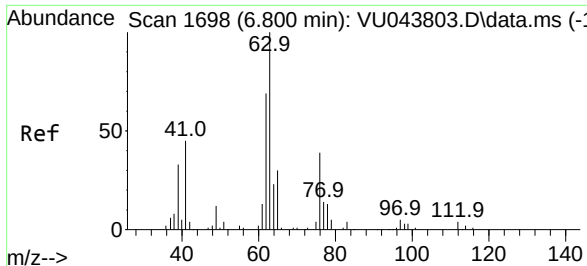


#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043809.D
Acq: 18 May 2021 13:13

Tgt Ion: 83 Resp: 20167

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	0.0	35.9	53.9#



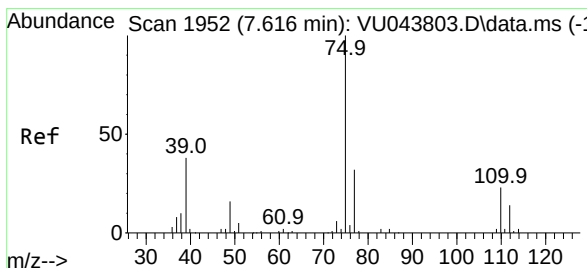
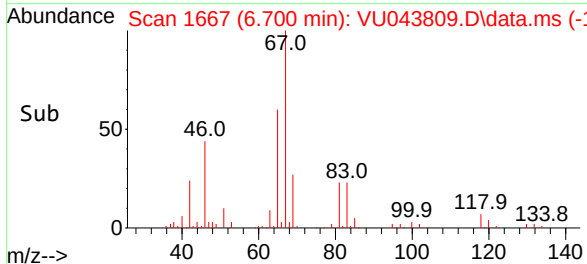
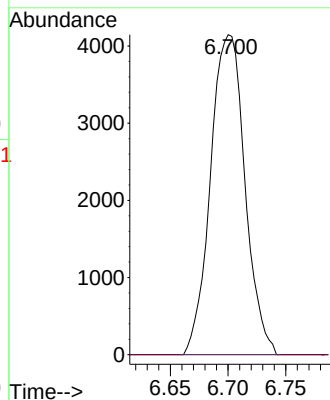
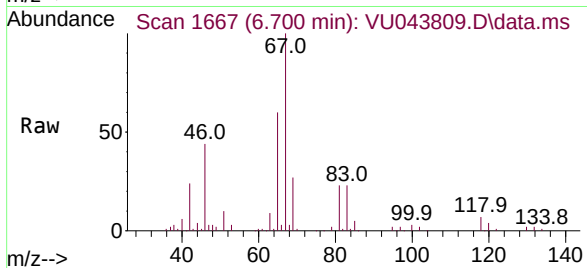


#37

1,2-Dichloropropane
Concen: 0.50 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043809.D
Acq: 18 May 2021 13:13

Instrument :
MSVOA_U
ClientSampled :

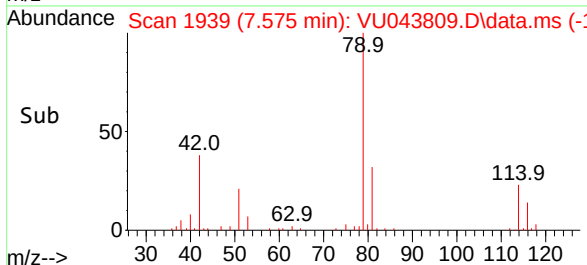
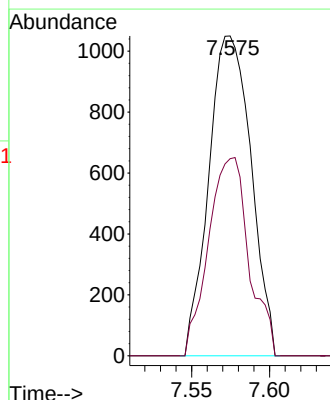
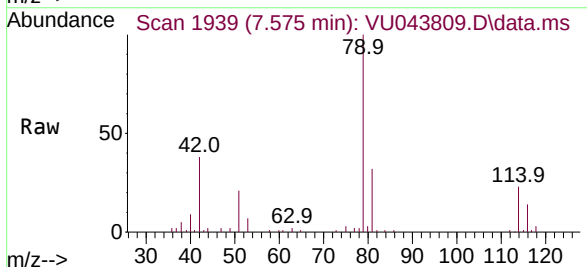
Tgt Ion: 63 Resp: 8605
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

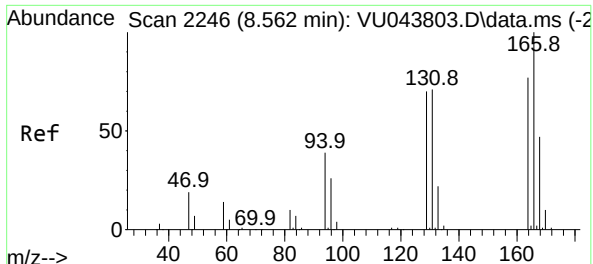


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043809.D
Acq: 18 May 2021 13:13

Tgt Ion: 75 Resp: 1983
Ion Ratio Lower Upper
75 100
77 61.6 22.5 41.7#





#47

Tetrachloroethene

Concen: 12.14 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU043809.D

Acq: 18 May 2021 13:13

Tgt Ion:164 Resp: 165891

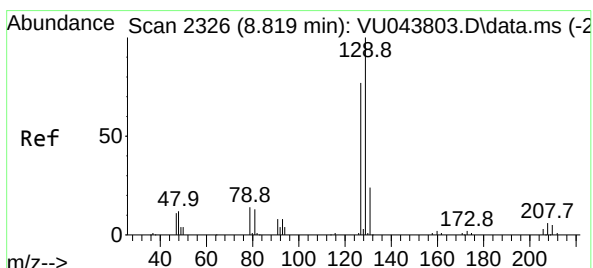
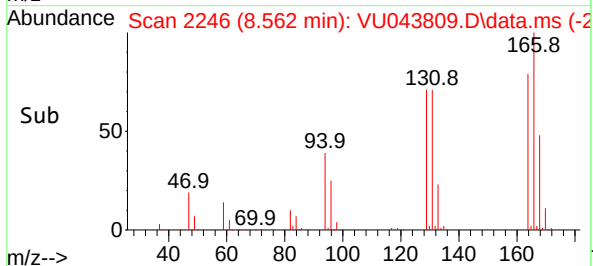
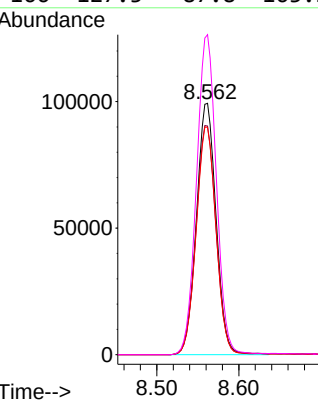
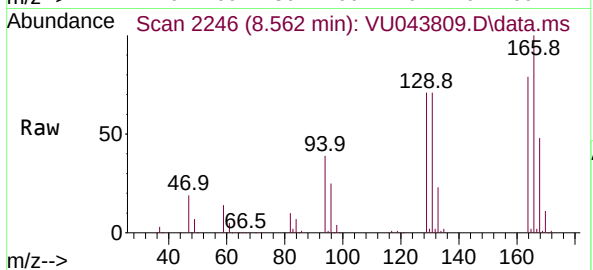
Ion Ratio Lower Upper

164 100

129 91.0 64.1 119.1

131 90.5 61.2 113.8

166 127.3 87.8 163.2



#49

Dibromochloromethane

Concen: 10.88 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.260 min

Lab File: VU043809.D

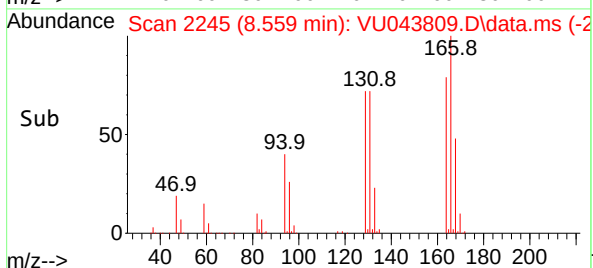
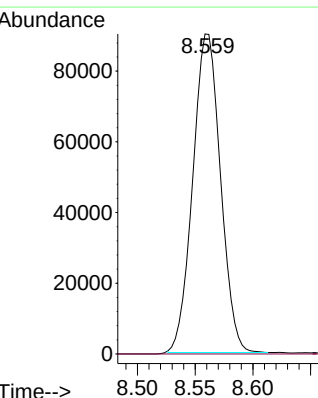
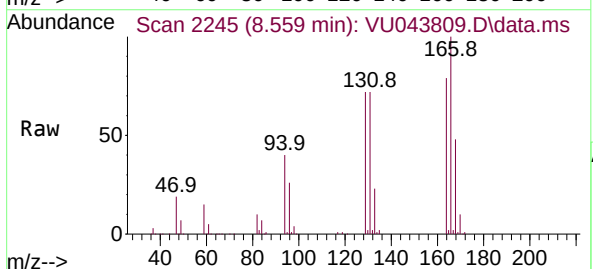
Acq: 18 May 2021 13:13

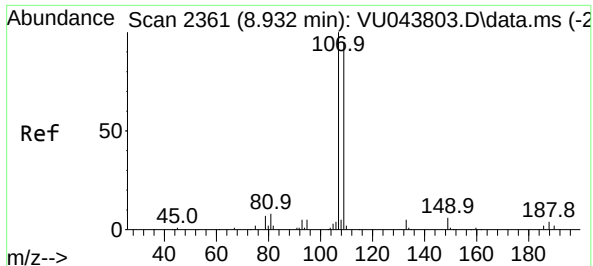
Tgt Ion:129 Resp: 150299

Ion Ratio Lower Upper

129 100

127 0.0 53.4 99.2#





#50

1,2-Dibromoethane

Concen: 1.03 ug/L

RT: 8.931 min Scan# 2361

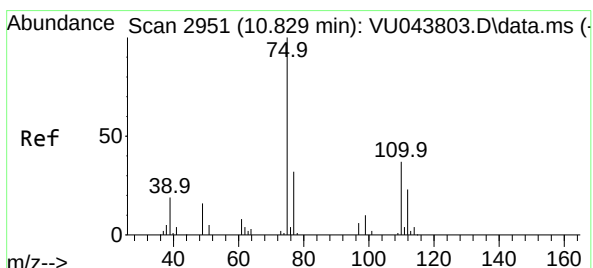
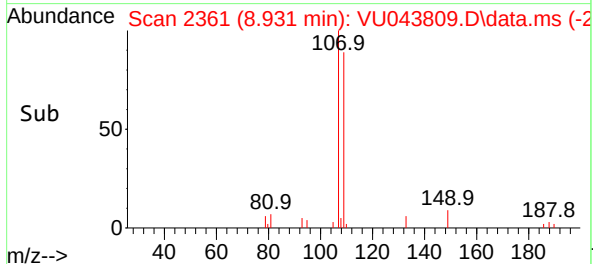
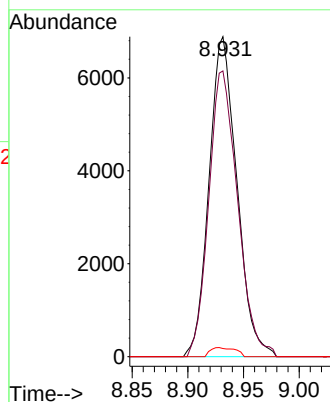
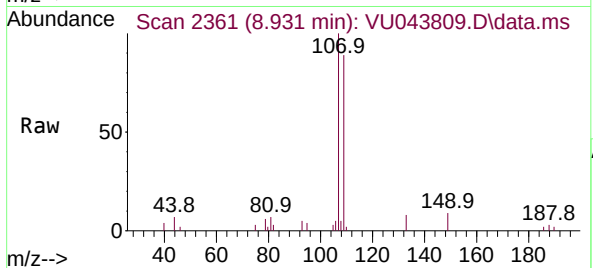
Delta R.T. -0.000 min

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Tgt Ion:	107	Resp:	11966
Ion	Ratio	Lower	Upper
107	100		
109	89.3	67.7	125.7
188	2.5	3.3	4.9#



#61

1,2,3-Trichloropropane

Concen: 1.15 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.990 min

Lab File: VU043809.D

Acq: 18 May 2021 13:13

Tgt Ion:	75	Resp:	11351
Ion	Ratio	Lower	Upper
75	100		
110	1.5	27.9	41.9#
77	31.2	25.9	38.9

