

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042662.D
 Acq On : 15 Mar 2021 14:10
 Operator : SY/MD
 Sample : M1679-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF0DL

Quant Time: Mar 16 01:36:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

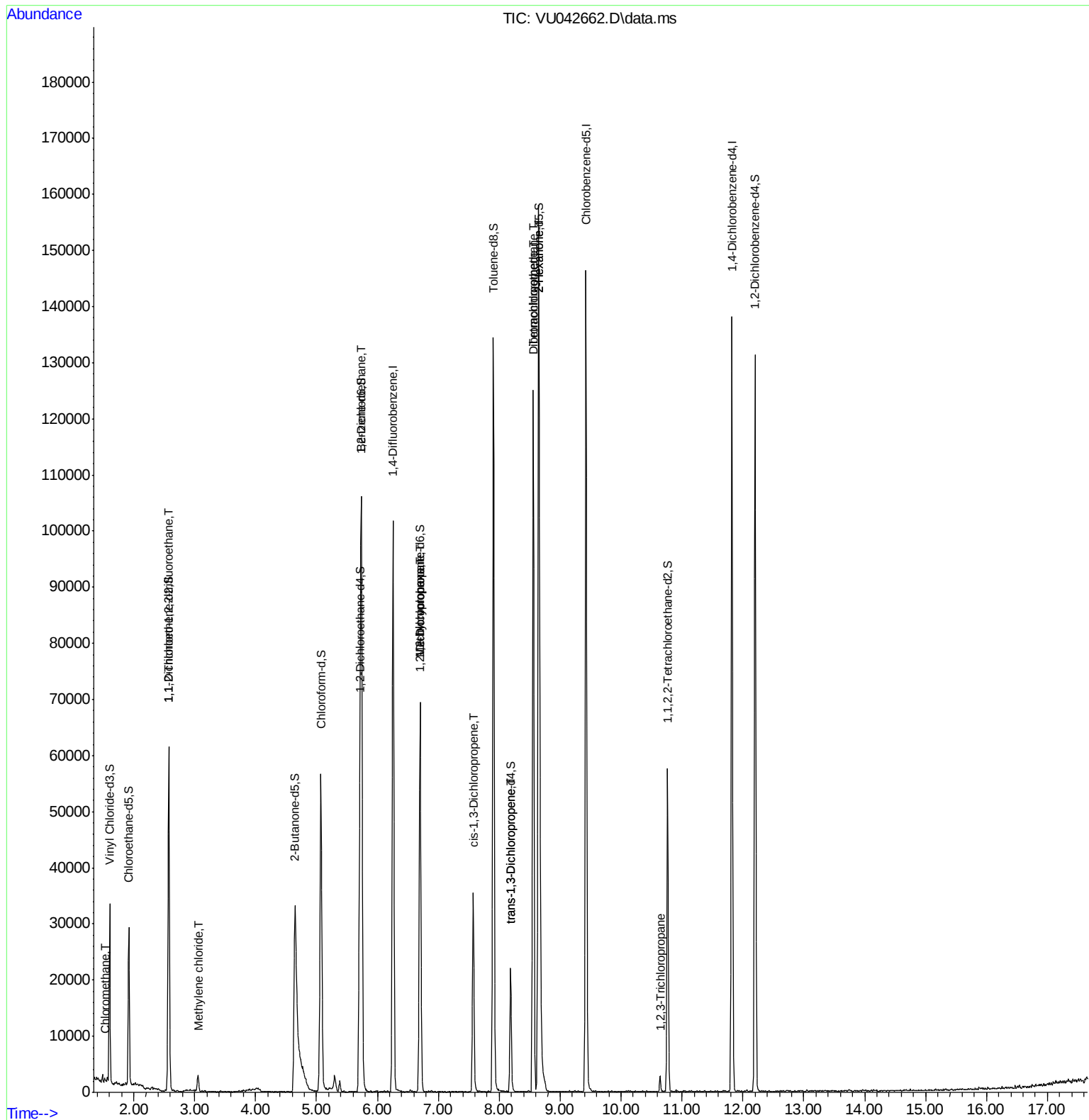
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	77439	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	76036	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34925	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20566	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.919	69	19055	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.572	63	37541	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.649	46	80012	47.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.40%
24) Chloroform-d	5.073	84	49971	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.713	65	34230	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.736	84	88681	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.700	67	29909	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.906	98	85169	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloroprop...	8.189	79	12320	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.649	63	62059	46.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.26%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26114	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.202	152	33451	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%
Target Compounds						
3) Chloromethane	1.523	50	359	0.05	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	292	0.05	ug/L #	18
16) Methylene chloride	3.057	84	1267	0.19	ug/L	92
27) 1,2-Dichloroethane	5.732	62	596	0.07	ug/L #	75
35) Methylcyclohexane	6.700	83	7134	0.71	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3827	0.60	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	872	0.09	ug/L #	54
44) trans-1,3-Dichloropropene	8.189	75	609	0.07	ug/L	90
47) Tetrachloroethene	8.559	164	27066	5.03	ug/L	98
48) 2-Hexanone	8.652	43	10260	2.48	ug/L #	69
49) Dibromochloromethane	8.562	129	24725	4.17	ug/L #	12
59) 1,2,3-Trichloropropane	10.642	75	537	0.11	ug/L #	42

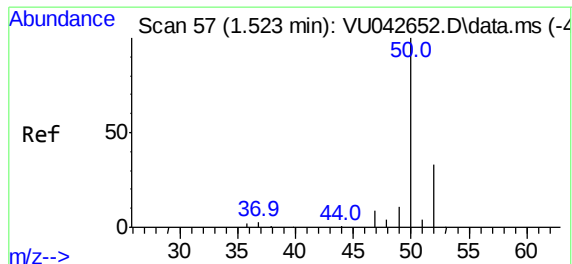
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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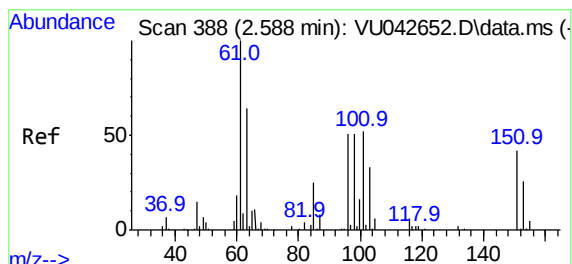
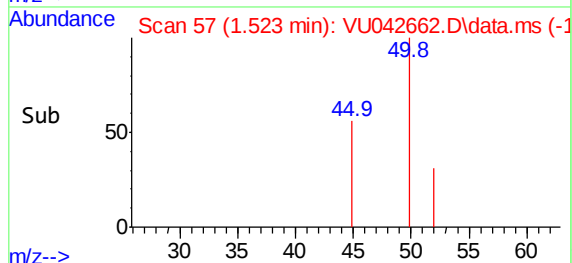
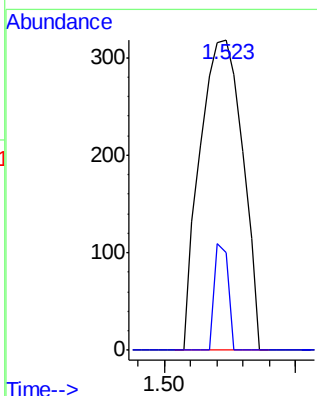
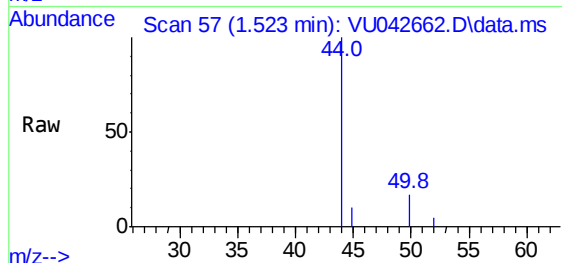




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042662.D
Acq: 15 Mar 2021 14:10

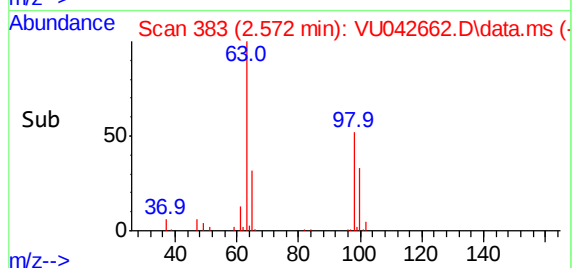
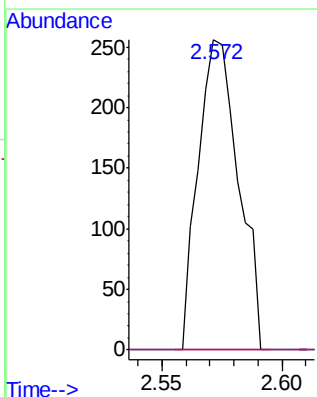
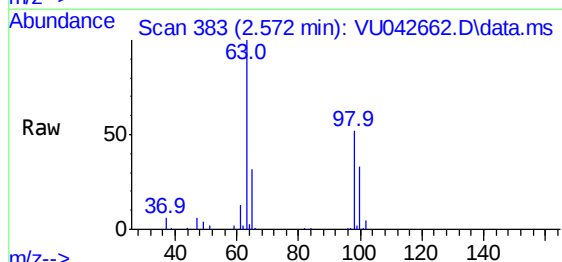
Instrument :
MSVOA_U
ClientSampled :
C0AF0DL

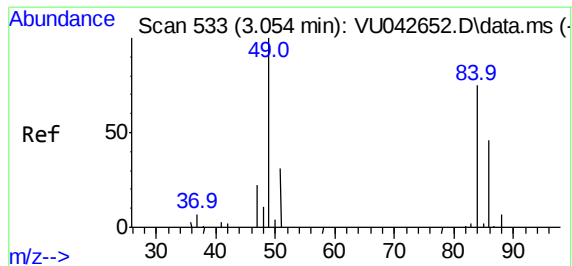
Tgt Ion: 50 Resp: 359
Ion Ratio Lower Upper
50 100
52 31.4 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042662.D
Acq: 15 Mar 2021 14:10

Tgt Ion:101 Resp: 292
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

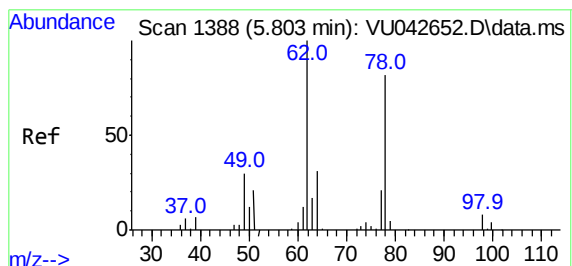
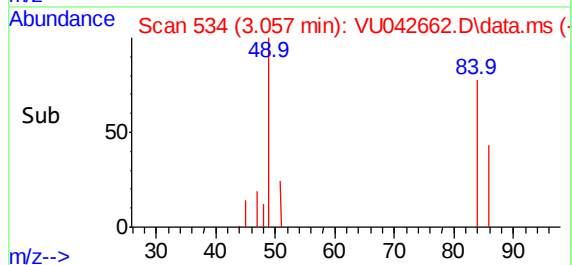
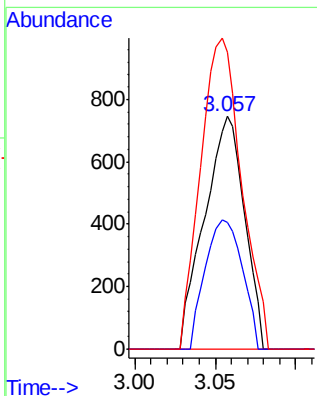
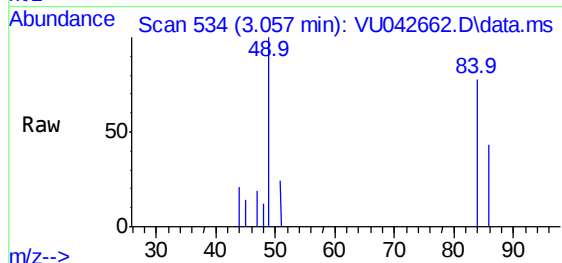




#16
Methylene chloride
Concen: 0.19 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042662.D
Acq: 15 Mar 2021 14:10

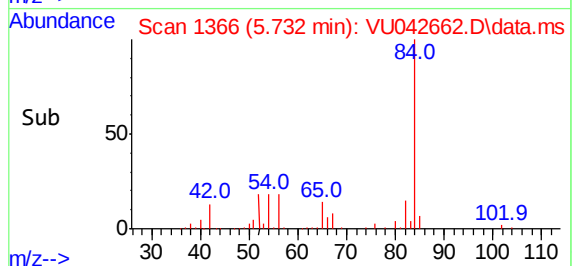
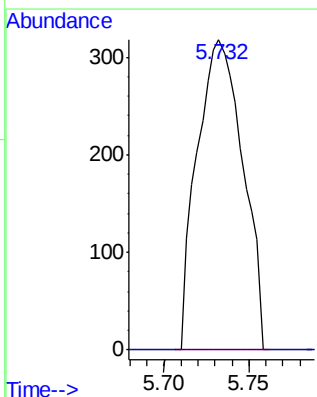
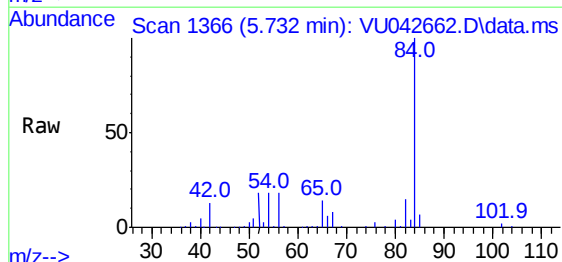
Instrument :
MSVOA_U
ClientSampleId :
C0AF0DL

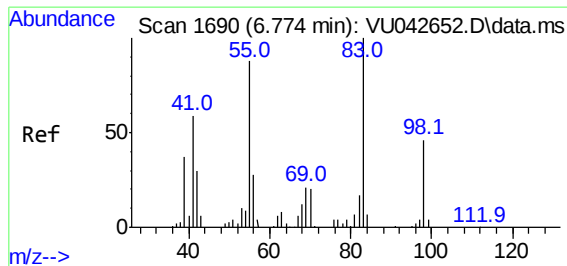
Tgt Ion: 84 Resp: 1267
Ion Ratio Lower Upper
84 100
86 54.6 44.1 81.9
49 127.6 95.0 176.4



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042662.D
Acq: 15 Mar 2021 14:10

Tgt Ion: 62 Resp: 596
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

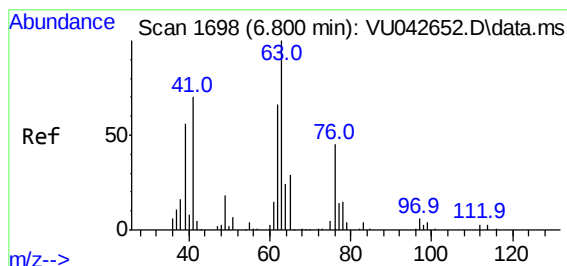
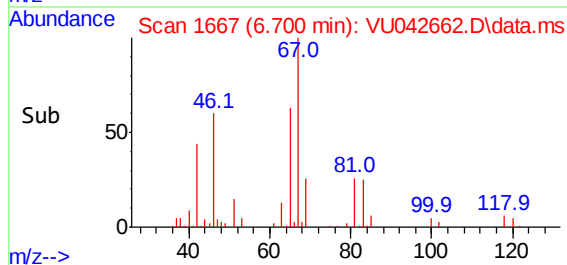
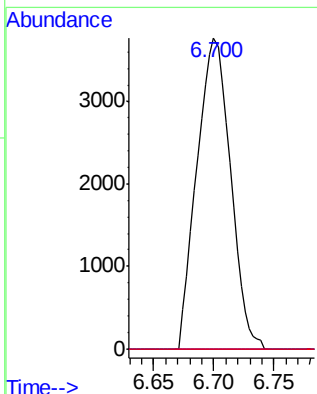
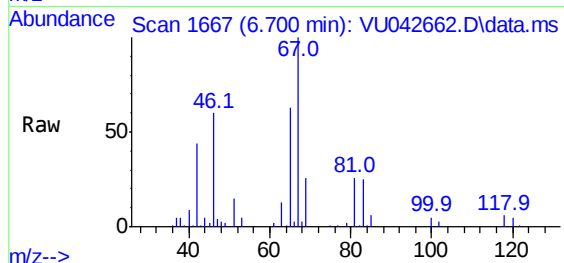




#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042662.D
Acq: 15 Mar 2021 14:10

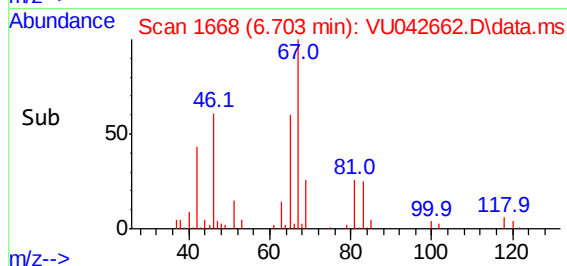
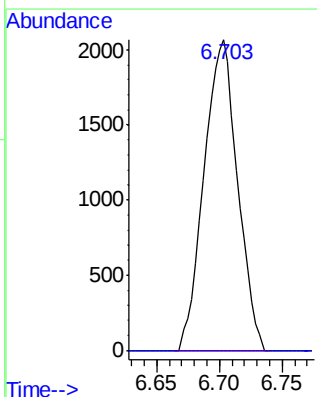
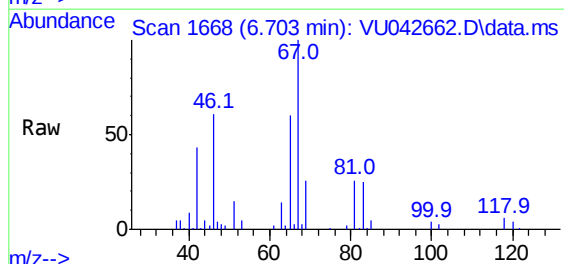
Instrument :
MSVOA_U
ClientSampleId :
C0AF0DL

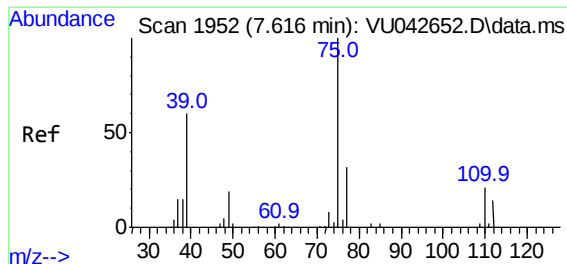
Tgt Ion: 83 Resp: 7134
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042662.D
Acq: 15 Mar 2021 14:10

Tgt Ion: 63 Resp: 3827
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

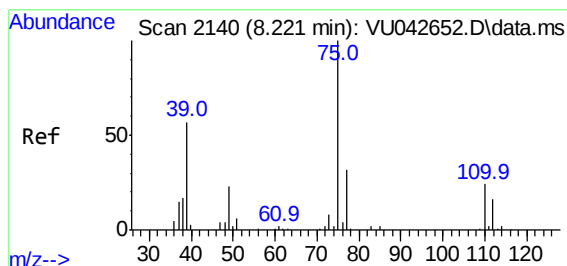
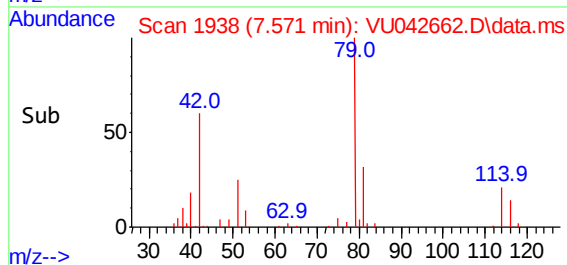
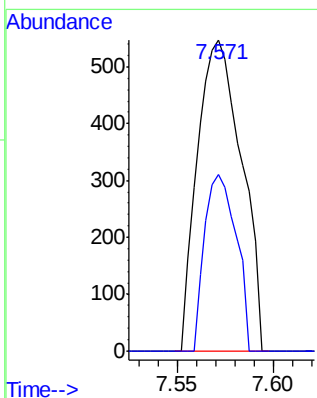
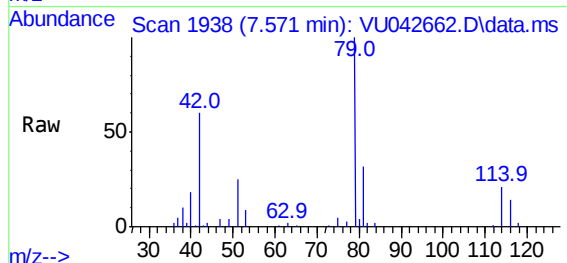




#39
 cis-1,3-Dichloropropene
 Concen: 0.09 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.045 min
 Lab File: VU042662.D
 Acq: 15 Mar 2021 14:10

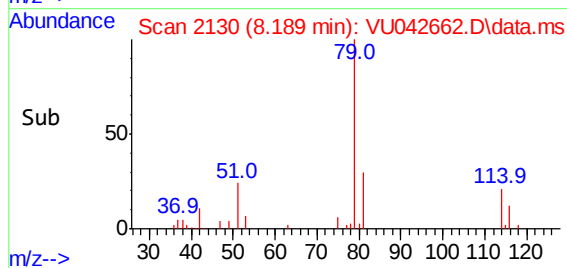
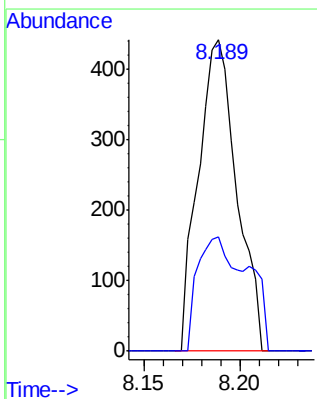
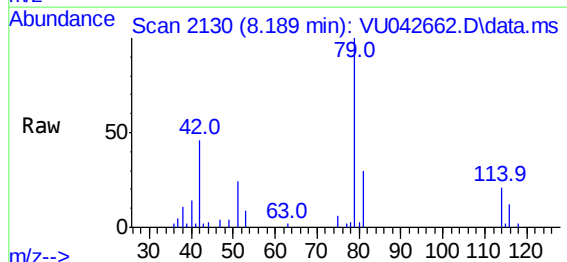
Instrument :
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 ClientSampleId :
 C0AF0DL

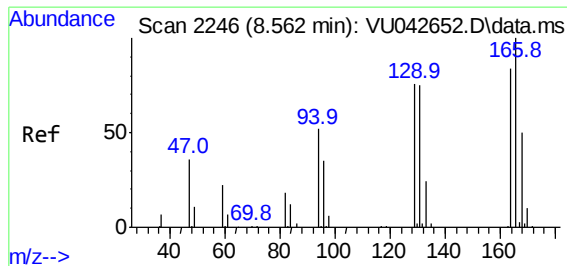
Tgt Ion: 75 Resp: 872
 Ion Ratio Lower Upper
 75 100
 77 56.9 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.07 ug/L
 RT: 8.189 min Scan# 2130
 Delta R.T. -0.032 min
 Lab File: VU042662.D
 Acq: 15 Mar 2021 14:10

Tgt Ion: 75 Resp: 609
 Ion Ratio Lower Upper
 75 100
 77 36.5 21.8 40.4





#47

Tetrachloroethene

Concen: 5.03 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU042662.D

Acq: 15 Mar 2021 14:10

Tgt Ion:164 Resp: 27066

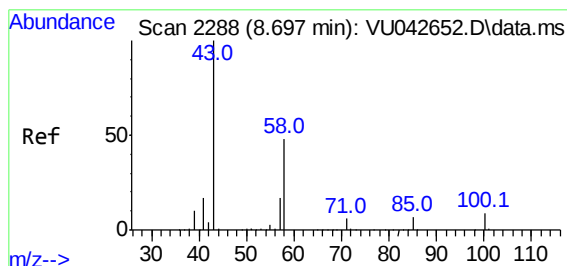
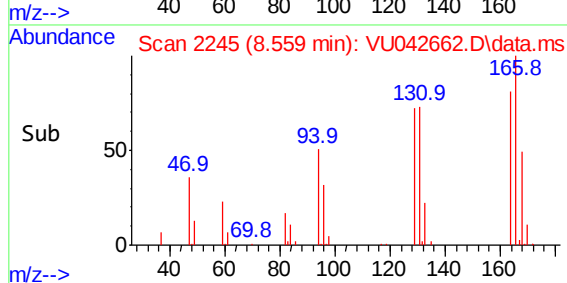
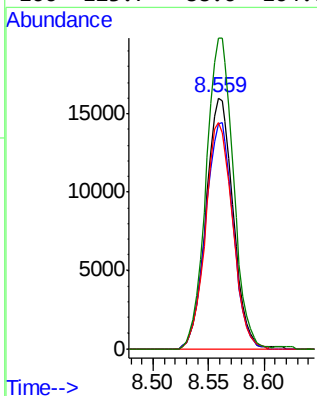
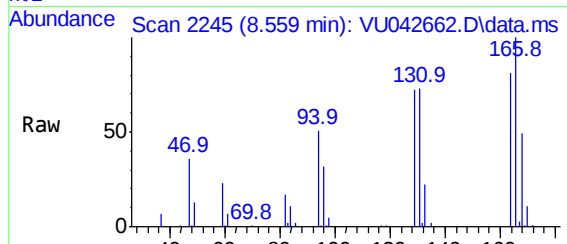
Ion Ratio Lower Upper

164 100

129 89.4 64.3 119.5

131 90.1 62.2 115.6

166 123.7 88.6 164.6



#48

2-Hexanone

Concen: 2.48 ug/L

RT: 8.652 min Scan# 2274

Delta R.T. -0.045 min

Lab File: VU042662.D

Acq: 15 Mar 2021 14:10

Tgt Ion: 43 Resp: 10260

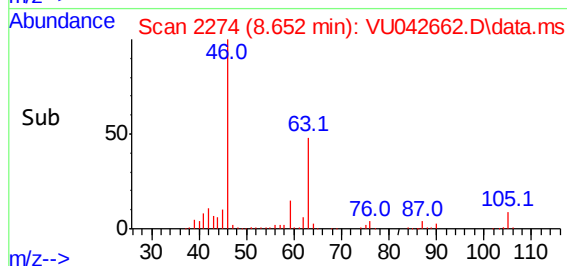
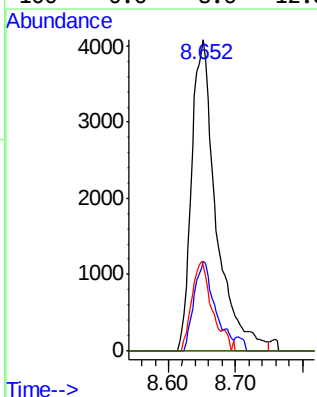
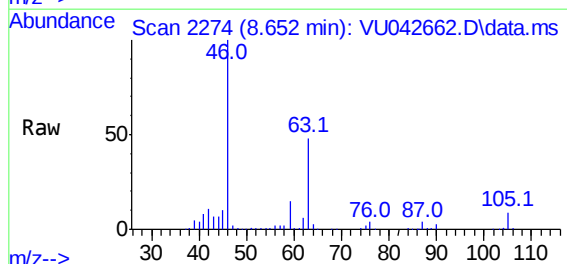
Ion Ratio Lower Upper

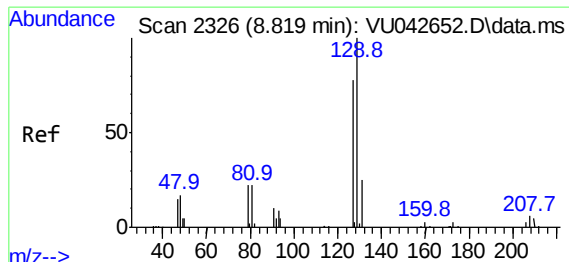
43 100

58 24.5 40.6 61.0#

57 23.9 14.9 22.3#

100 0.0 8.6 12.8#

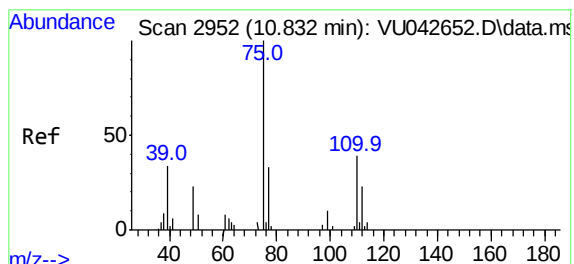
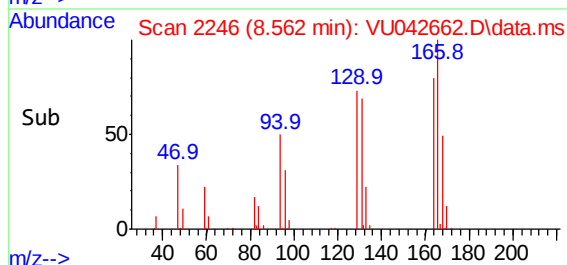
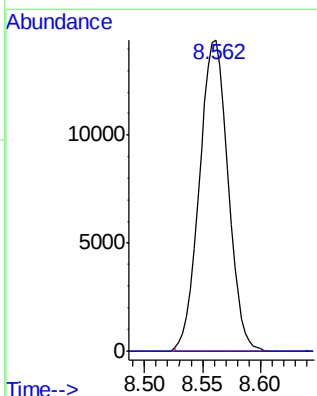
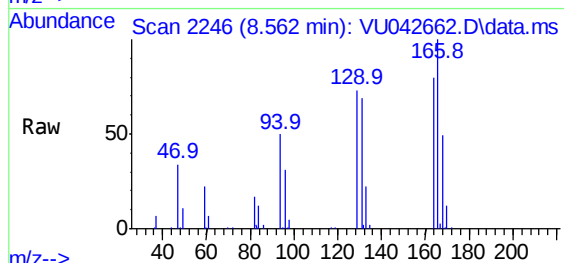




#49
Dibromochloromethane
Concen: 4.17 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042662.D
Acq: 15 Mar 2021 14:10

Instrument :
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Tgt Ion:129 Resp: 24725
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.11 ug/L
RT: 10.642 min Scan# 2893
Delta R.T. -0.190 min
Lab File: VU042662.D
Acq: 15 Mar 2021 14:10

Tgt Ion: 75 Resp: 537
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#

