

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042610.D
 Acq On : 12 Mar 2021 15:03
 Operator : SY/MD
 Sample : M1674-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BD9

Quant Time: Mar 13 05:28:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 05:26:34 2021
 Response via : Initial Calibration

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

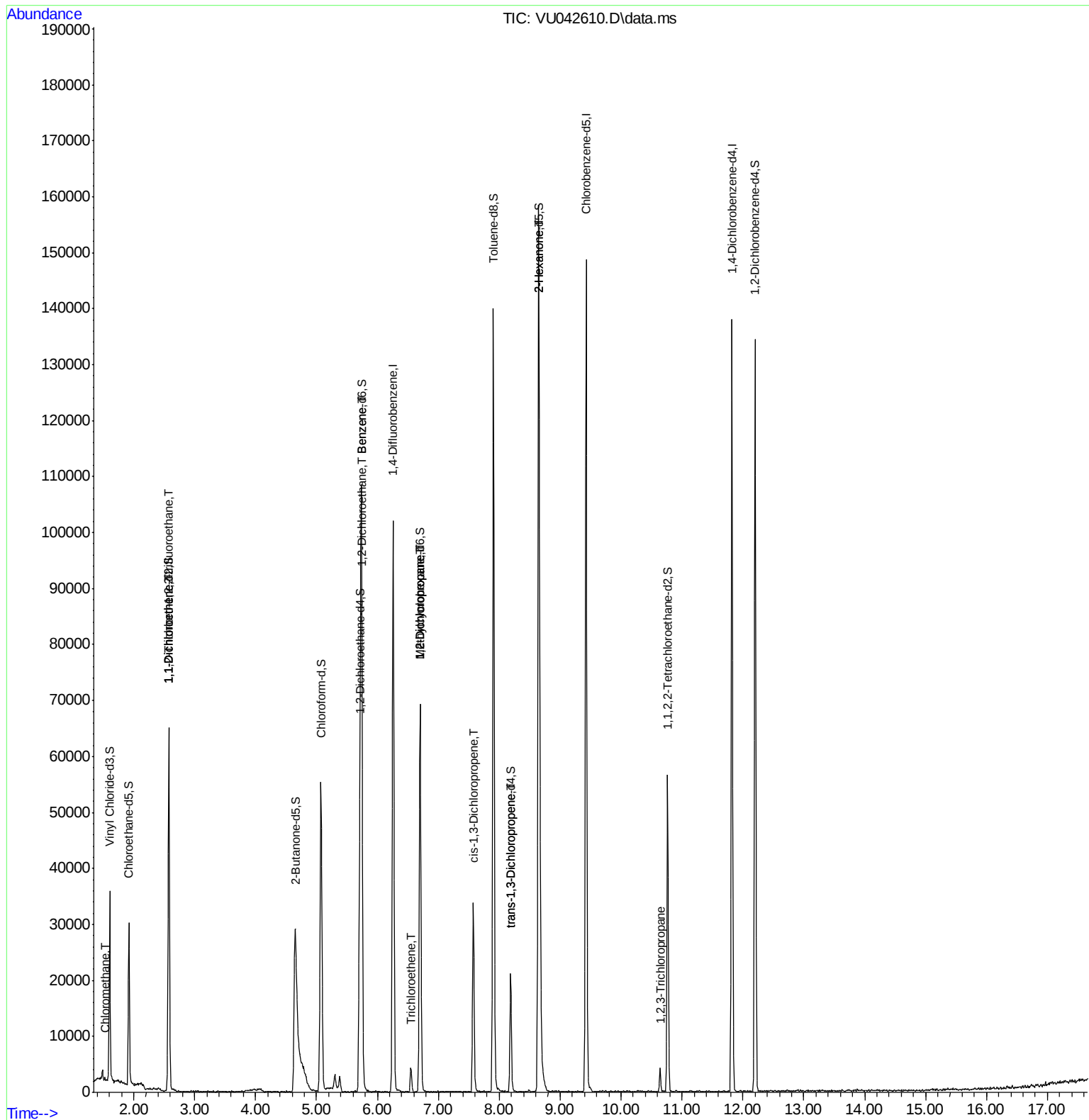
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	77533	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	75773	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	34450	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22524	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.919	69	19036	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.575	63	39765	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.652	46	74312	43.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.58%
24) Chloroform-d	5.073	84	49890	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.713	65	33661	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.739	84	88911	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.700	67	29081	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.906	98	88013	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloroprop...	8.189	79	11309	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.648	63	61630	45.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.94%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25402	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	33470	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%
Target Compounds						
3) Chloromethane	1.523	50	365	0.05	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	346	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	298	0.05	ug/L #	1
27) 1,2-Dichloroethane	5.745	62	543	0.06	ug/L #	75
33) Benzene	5.739	78	709	0.03	ug/L	100
34) Trichloroethene	6.552	95	1546	0.24	ug/L	79
35) Methylcyclohexane	6.700	83	7022	0.70	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3640	0.57	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	783	0.08	ug/L #	51
44) trans-1,3-Dichloropropene	8.189	75	547	0.06	ug/L #	44
48) 2-Hexanone	8.648	43	9921	2.41	ug/L #	69
59) 1,2,3-Trichloropropane	10.642	75	878	0.18	ug/L #	42

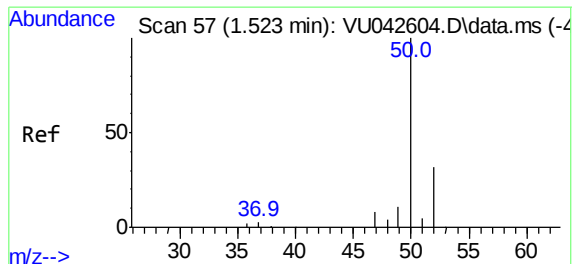
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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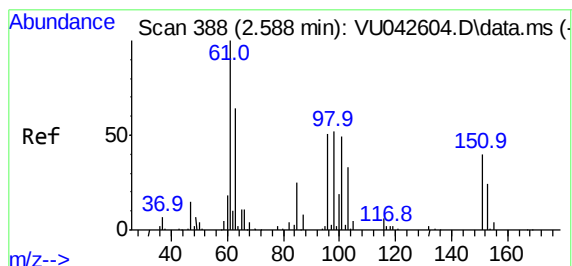
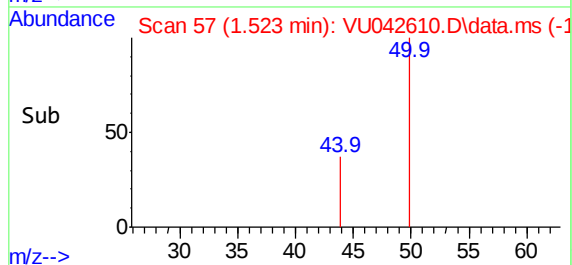
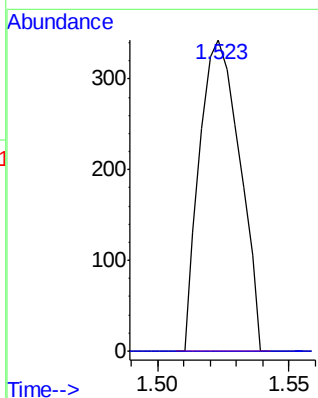
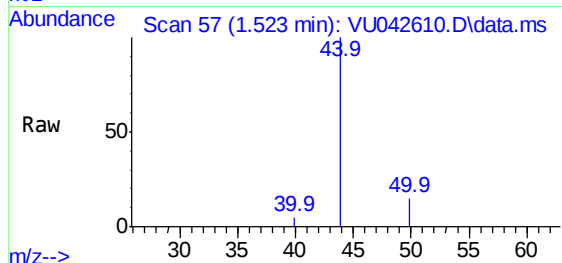




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042610.D
Acq: 12 Mar 2021 15:03

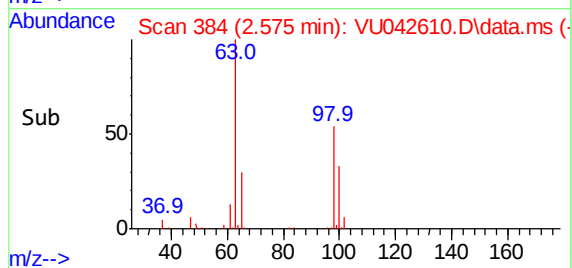
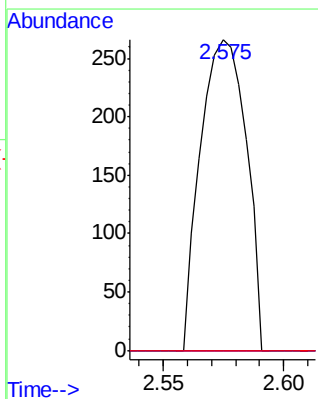
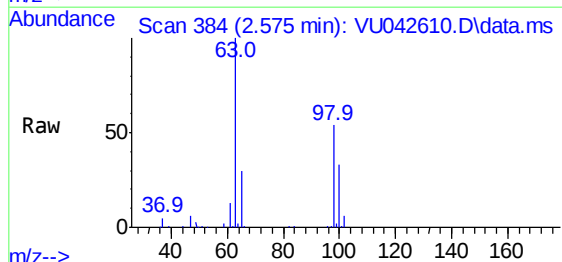
Instrument :
MSVOA_U
ClientSampleId :
C0BD9

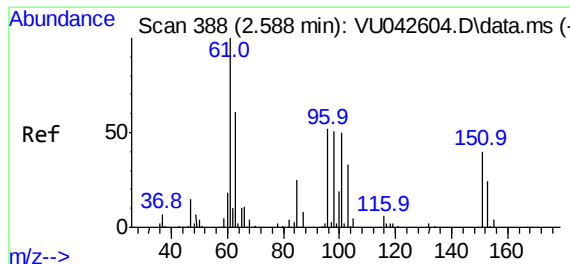
Tgt Ion: 50 Resp: 365
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042610.D
Acq: 12 Mar 2021 15:03

Tgt Ion:101 Resp: 346
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

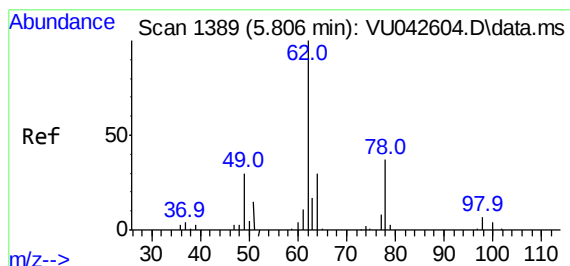
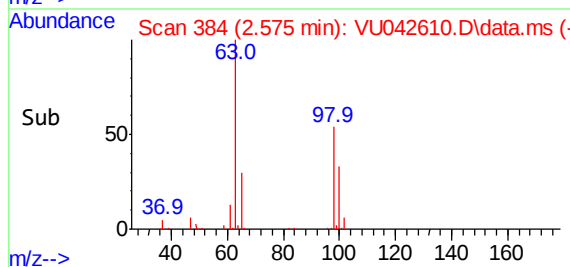
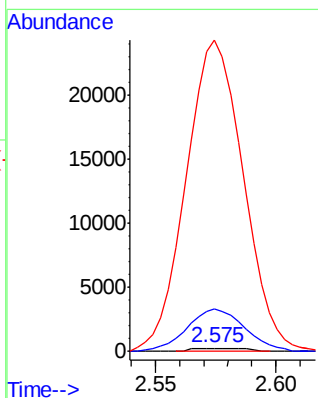
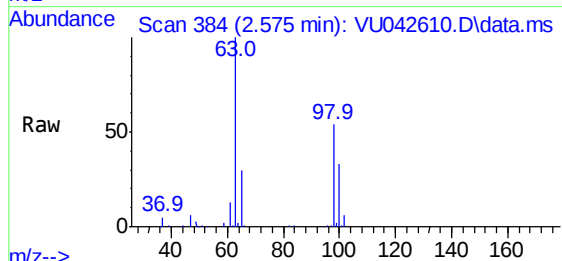




#12
1,1-Dichloroethene
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042610.D
Acq: 12 Mar 2021 15:03

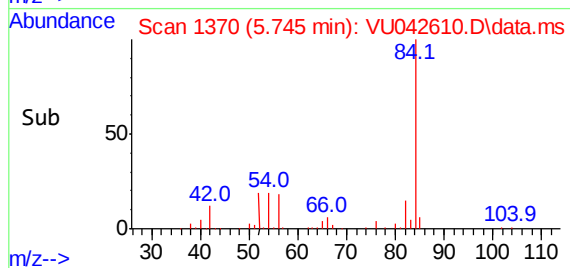
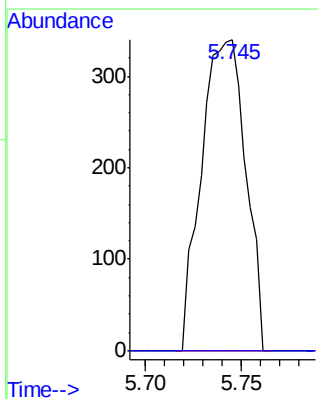
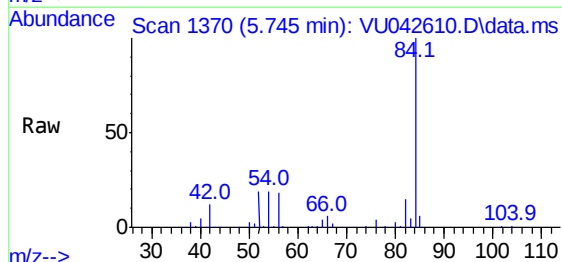
Instrument :
MSVOA_U
ClientSampled :
C0BD9

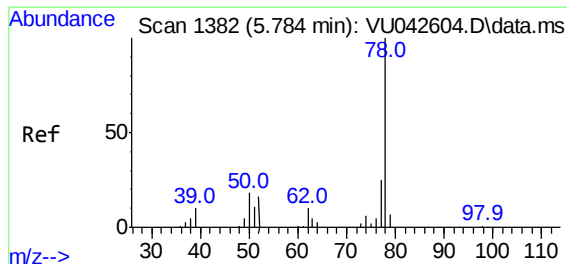
Tgt Ion: 96 Resp: 298
Ion Ratio Lower Upper
96 100
61 1493.1 126.2 234.4#
63 11207.4 77.8 144.4#



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.061 min
Lab File: VU042610.D
Acq: 12 Mar 2021 15:03

Tgt Ion: 62 Resp: 543
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

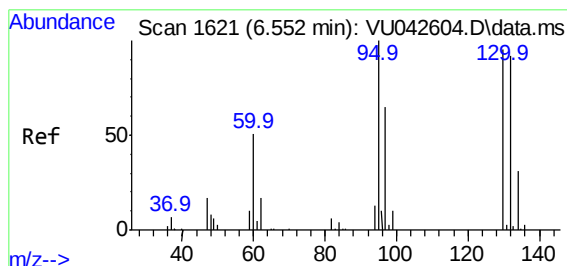
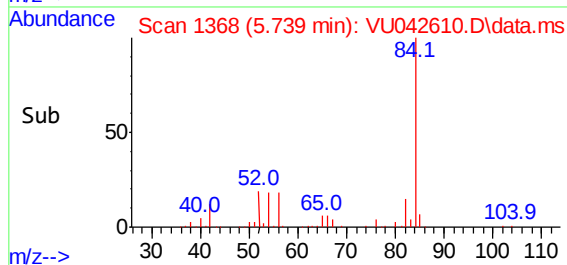
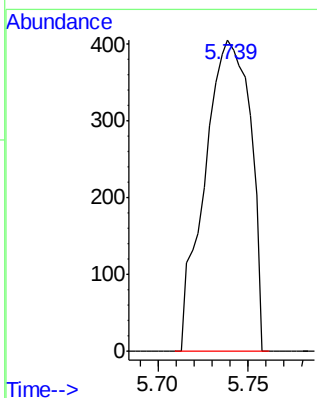
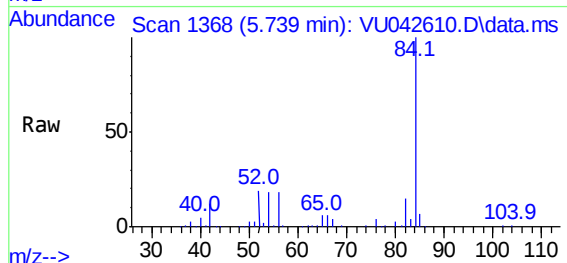




#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042610.D
Acq: 12 Mar 2021 15:03

Instrument :
MSVOA_U
ClientSampleId :
C0BD9

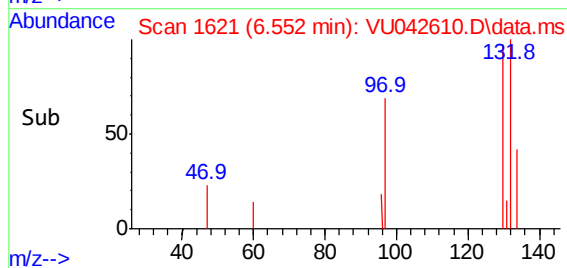
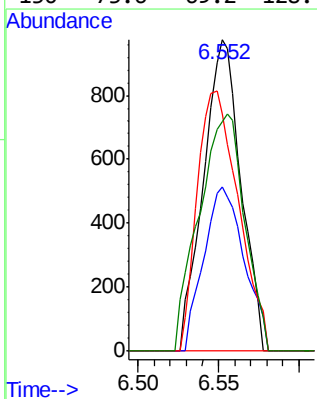
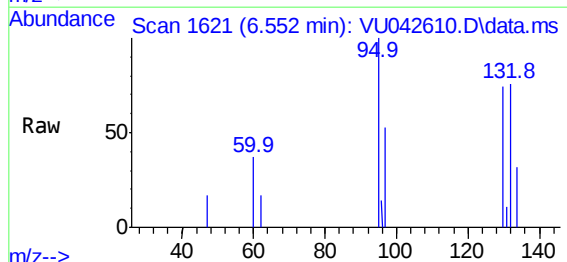
Tgt Ion: 78 Resp: 709

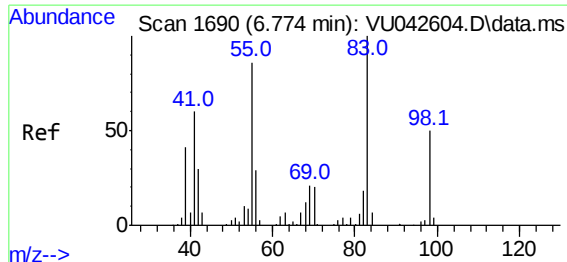


#34
Trichloroethene
Concen: 0.24 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042610.D
Acq: 12 Mar 2021 15:03

Tgt Ion: 95 Resp: 1546

Ion	Ratio	Lower	Upper
95	100		
97	52.7	44.4	82.4
132	76.2	68.0	126.4
130	73.6	69.2	128.4

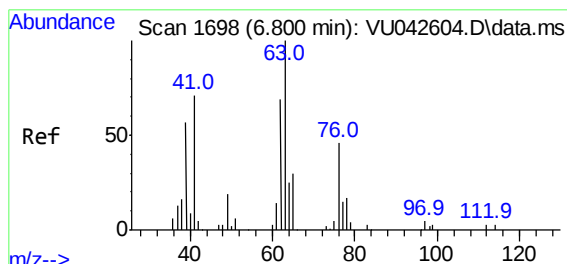
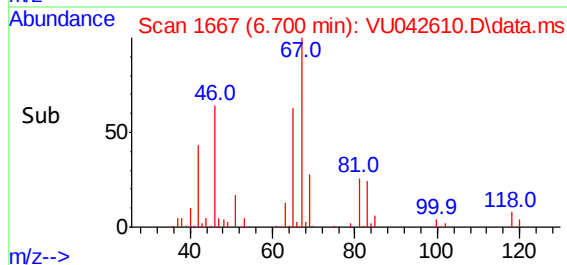
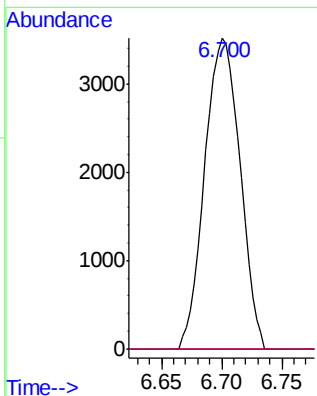
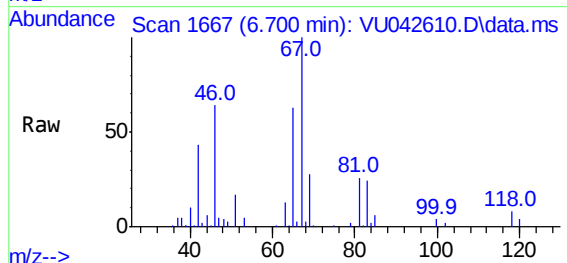




#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042610.D
Acq: 12 Mar 2021 15:03

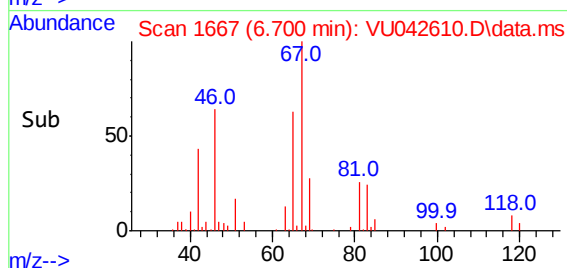
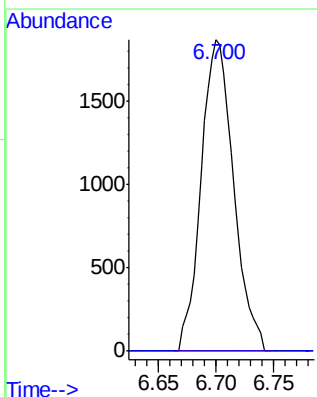
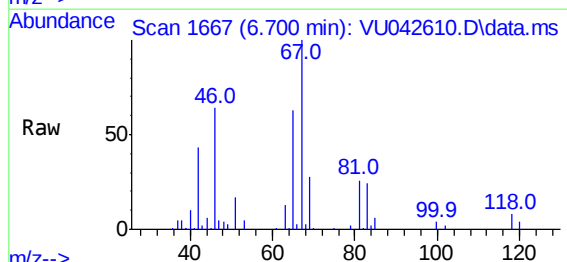
Instrument :
MSVOA_U
ClientSampleId :
C0BD9

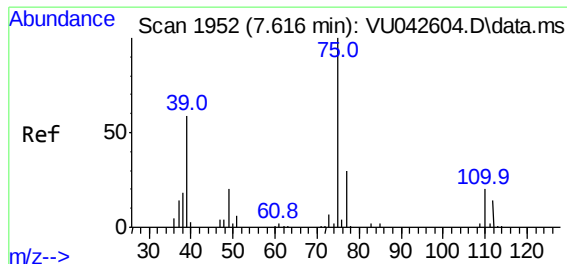
Tgt Ion: 83 Resp: 7022
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042610.D
Acq: 12 Mar 2021 15:03

Tgt Ion: 63 Resp: 3640
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

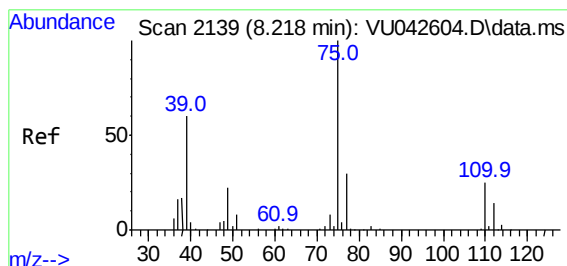
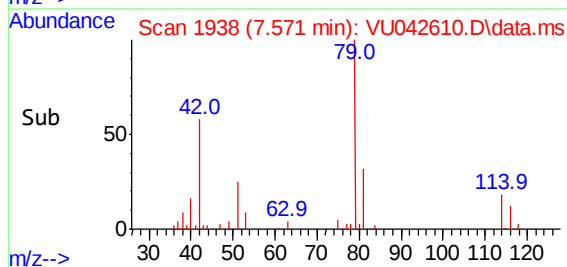
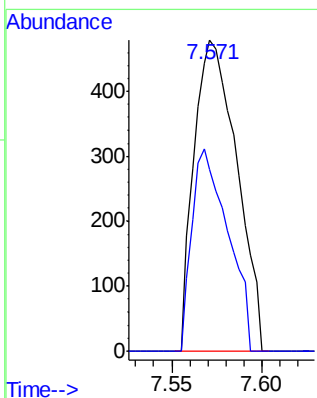
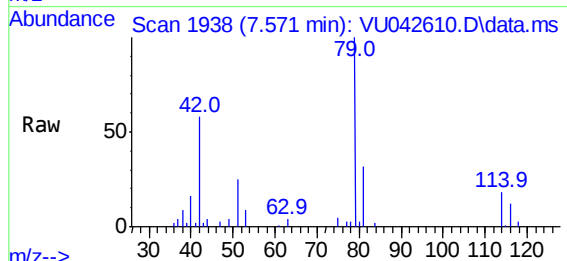




#39
 cis-1,3-Dichloropropene
 Concen: 0.08 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.045 min
 Lab File: VU042610.D
 Acq: 12 Mar 2021 15:03

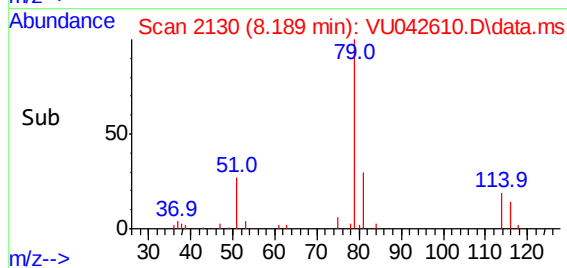
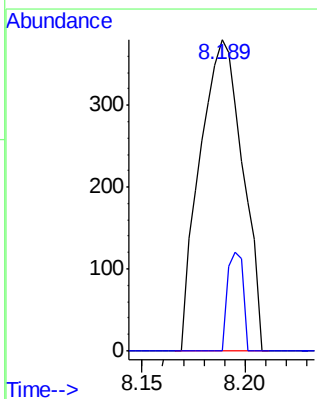
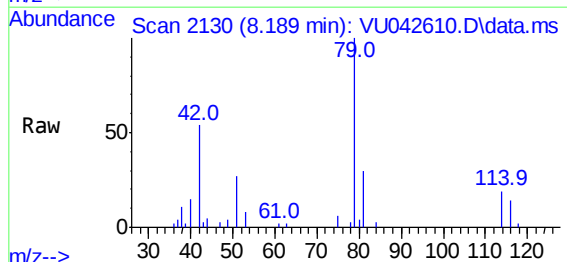
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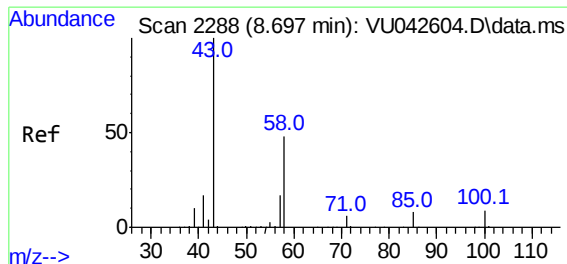
Tgt Ion: 75 Resp: 783
 Ion Ratio Lower Upper
 75 100
 77 58.2 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.06 ug/L
 RT: 8.189 min Scan# 2130
 Delta R.T. -0.029 min
 Lab File: VU042610.D
 Acq: 12 Mar 2021 15:03

Tgt Ion: 75 Resp: 547
 Ion Ratio Lower Upper
 75 100
 77 0.0 21.8 40.4#

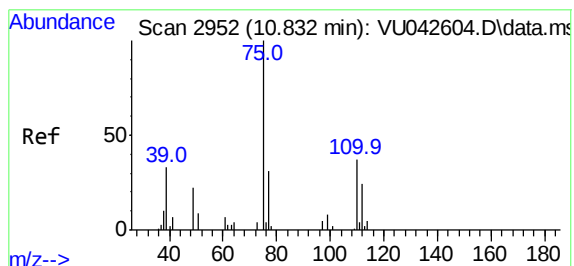
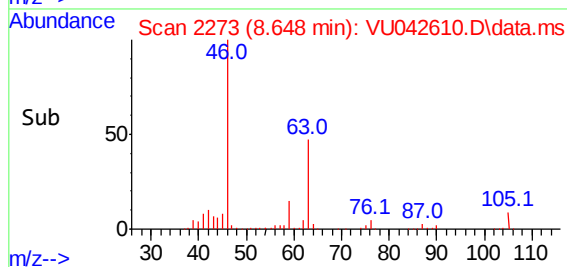
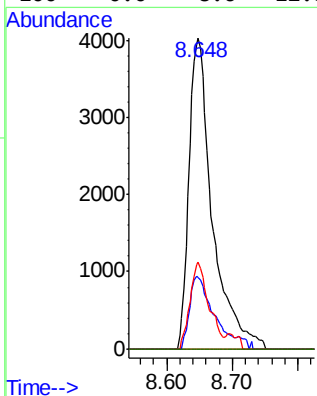
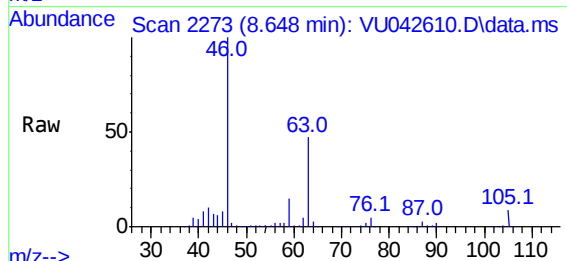




#48
2-Hexanone
Concen: 2.41 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042610.D
Acq: 12 Mar 2021 15:03

Instrument :
MSVOA_U
ClientSampleId :
C0BD9

Tgt Ion:	43	Resp:	9921
Ion	Ratio	Lower	Upper
43	100		
58	23.2	40.6	61.0#
57	22.7	14.9	22.3#
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.18 ug/L
RT: 10.642 min Scan# 2893
Delta R.T. -0.190 min
Lab File: VU042610.D
Acq: 12 Mar 2021 15:03

Tgt Ion:	75	Resp:	878
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#

