

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042179.D
 Acq On : 22 Jan 2021 18:58
 Operator : SY/MD
 Sample : M1222-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E32

Quant Time: Jan 23 06:25:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

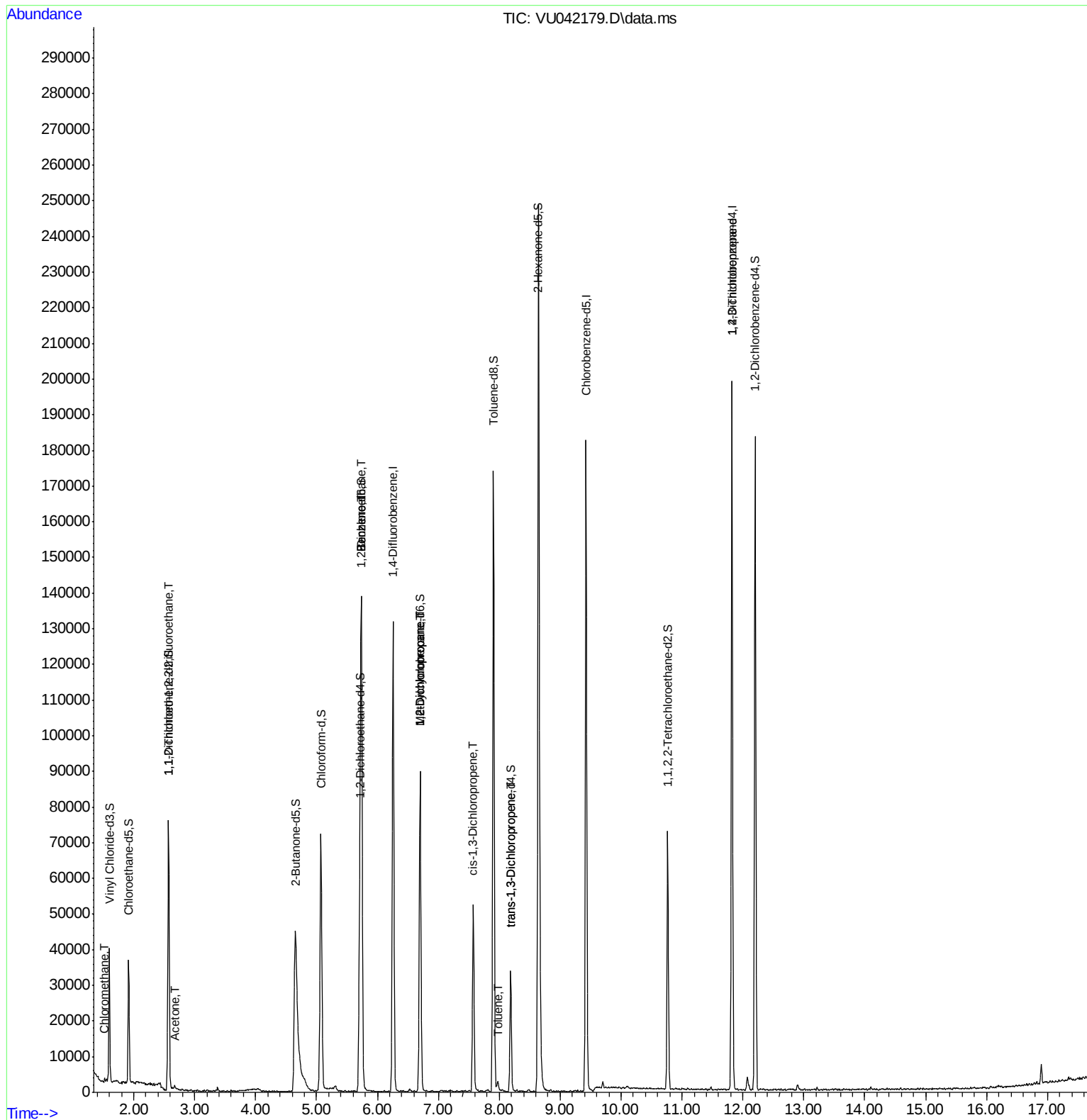
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	101141	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	95946	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	51688	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	24413	3.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.80%			
7) Chloroethane-d5	1.916	69	22966	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.572	63	47248	3.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.80%			
20) 2-Butanone-d5	4.652	46	126689	53.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.44%			
24) Chloroform-d	5.073	84	64914	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.710	65	40260	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.736	84	118756	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.700	67	39493	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.906	98	108520	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
43) trans-1,3-Dichloroprop...	8.189	79	18449	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
46) 2-Hexanone-d5	8.642	63	90274	50.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.24%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	34093	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	12.202	152	46262	4.98	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.60%			
Target Compounds						
3) Chloromethane	1.520	50	461	0.05	ug/L #	68
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	368	0.05	ug/L #	18
13) Acetone	2.675	43	2007	1.27	ug/L	93
27) 1,2-Dichloroethane	5.729	62	360	0.04	ug/L #	75
33) Benzene	5.736	78	862	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	9652	0.76	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4686	0.63	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	1401	0.11	ug/L #	79
42) Toluene	7.977	91	2172	0.07	ug/L	91
44) trans-1,3-Dichloropropene	8.189	75	841	0.08	ug/L	86
59) 1,2,3-Trichloropropane	11.819	75	5846	1.11	ug/L	94

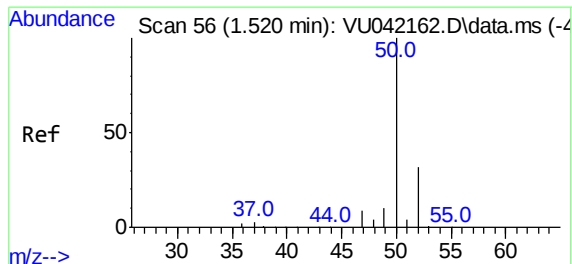
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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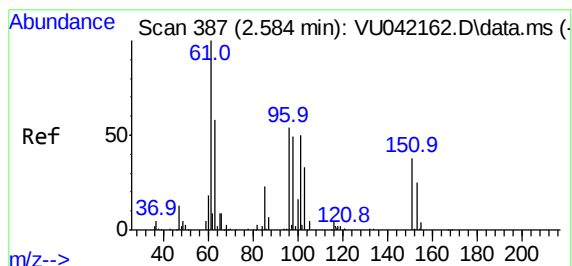
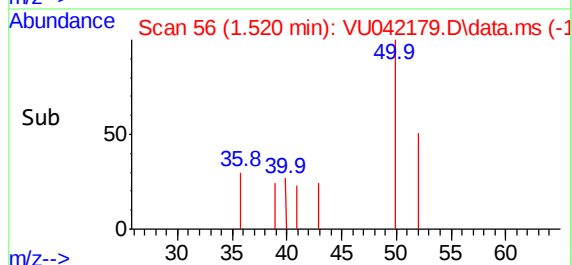
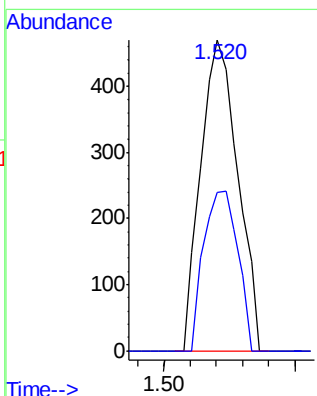
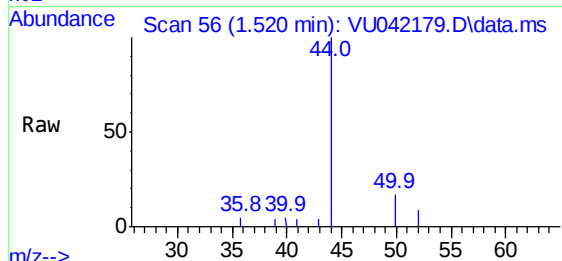




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU042179.D
Acq: 22 Jan 2021 18:58

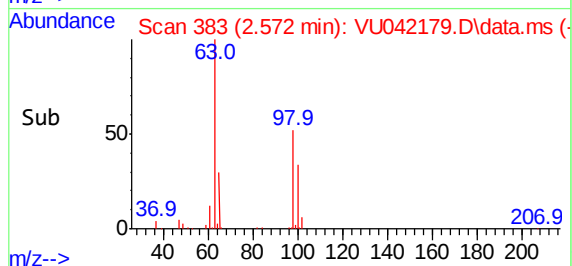
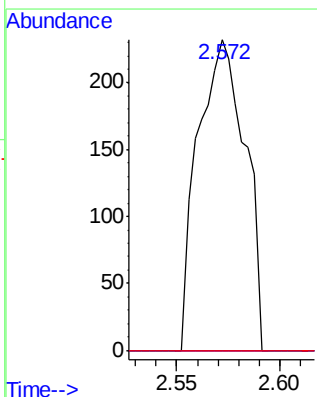
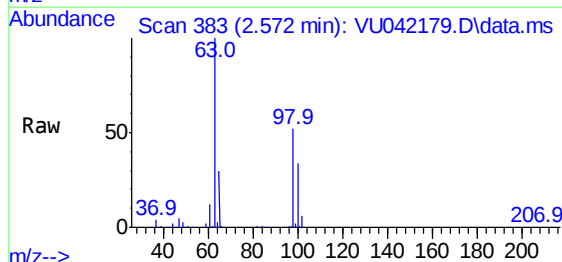
Instrument :
MSVOA_U
ClientSampleId :
F1E32

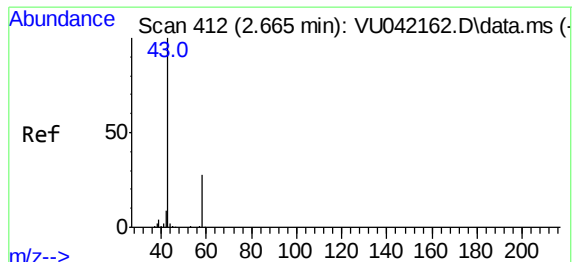
Tgt Ion: 50 Resp: 461
Ion Ratio Lower Upper
50 100
52 51.1 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU042179.D
Acq: 22 Jan 2021 18:58

Tgt Ion: 101 Resp: 368
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

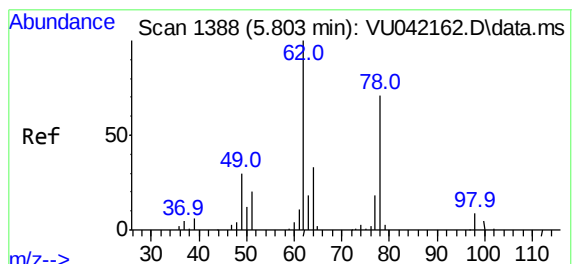
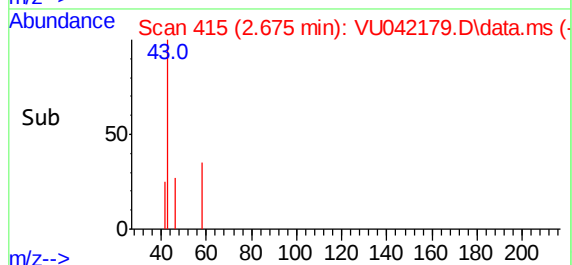
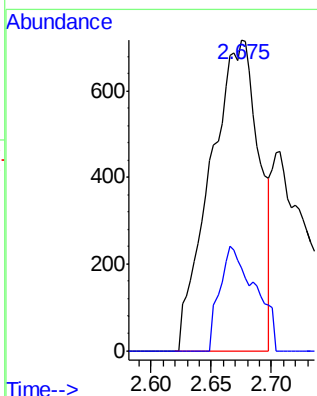
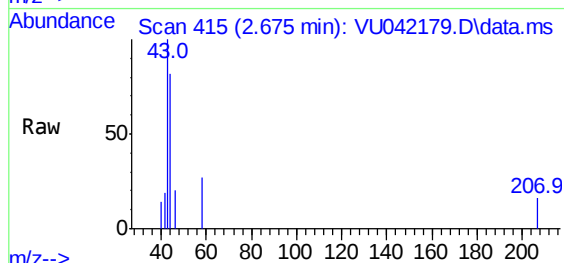




#13
Acetone
Concen: 1.27 ug/L
RT: 2.675 min Scan# 415
Delta R.T. 0.010 min
Lab File: VU042179.D
Acq: 22 Jan 2021 18:58

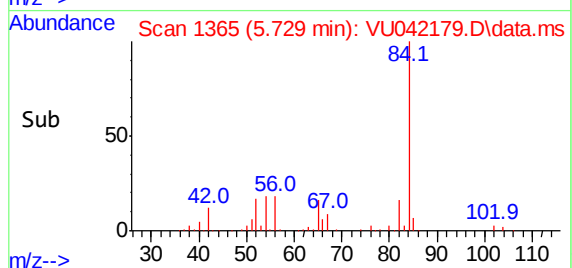
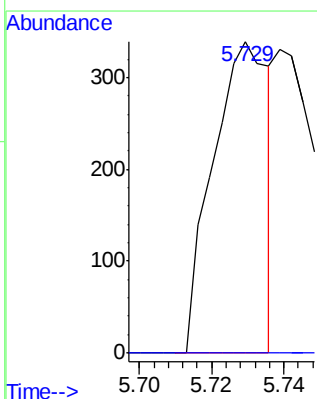
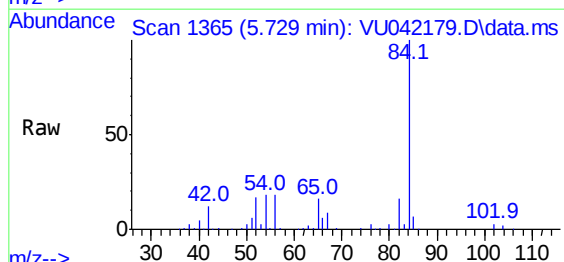
Instrument :
MSVOA_U
ClientSampleId :
F1E32

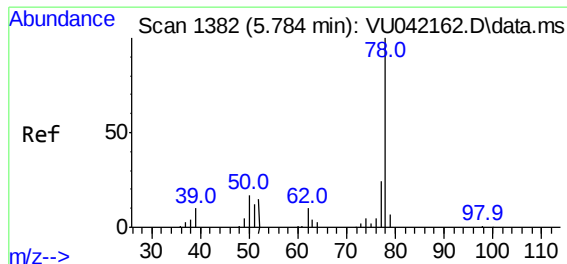
Tgt Ion: 43 Resp: 2007
Ion Ratio Lower Upper
43 100
58 24.4 0.0 55.8



#27
1,2-Dichloroethane
Concen: 0.04 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.074 min
Lab File: VU042179.D
Acq: 22 Jan 2021 18:58

Tgt Ion: 62 Resp: 360
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

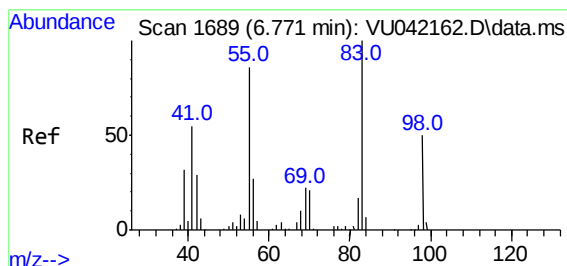
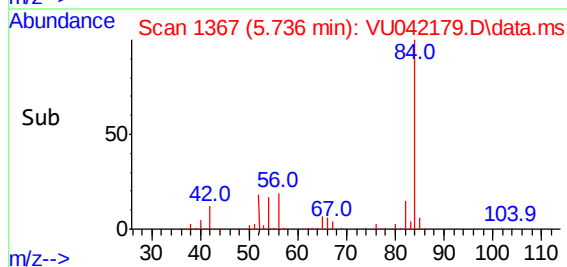
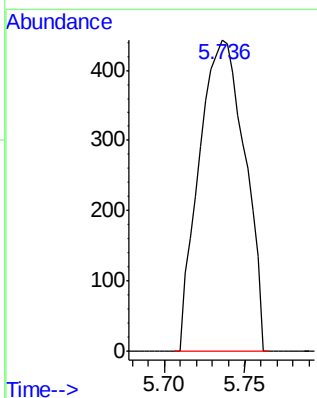
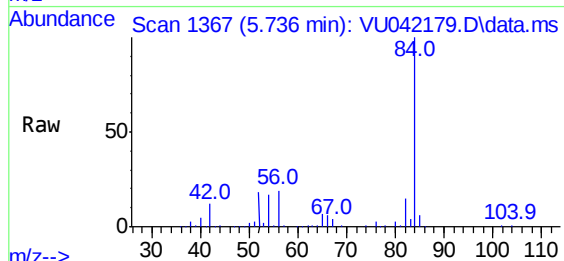




#33
Benzene
Concen: 0.03 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042179.D
Acq: 22 Jan 2021 18:58

Instrument :
MSVOA_U
ClientSampleId :
F1E32

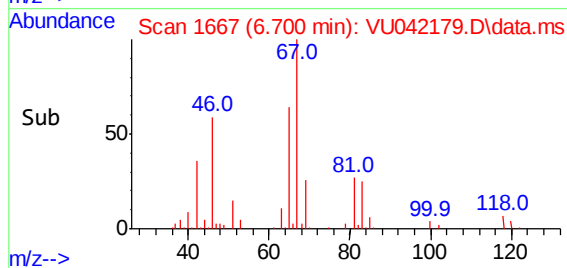
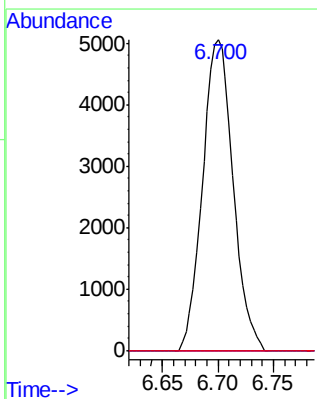
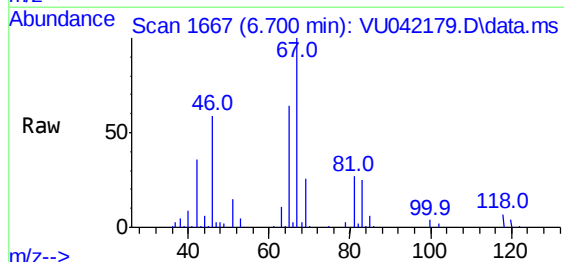
Tgt Ion: 78 Resp: 862

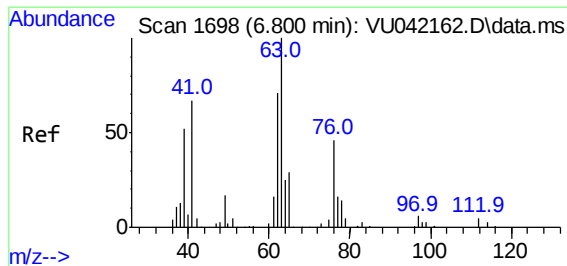


#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042179.D
Acq: 22 Jan 2021 18:58

Tgt Ion: 83 Resp: 9652

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

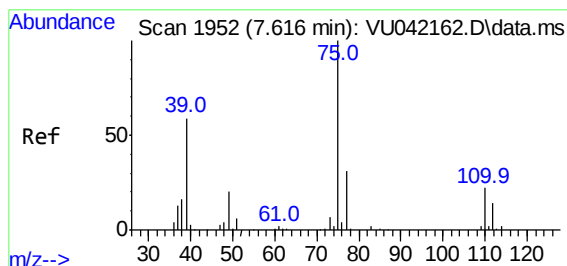
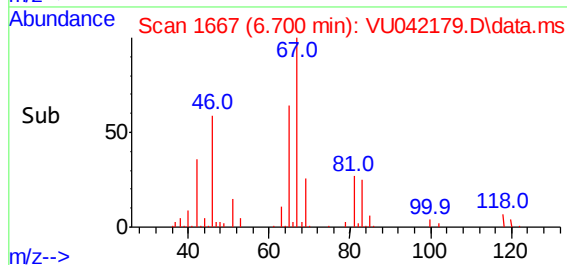
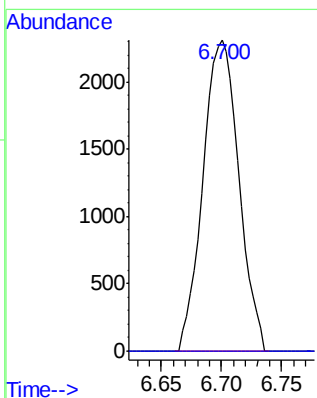
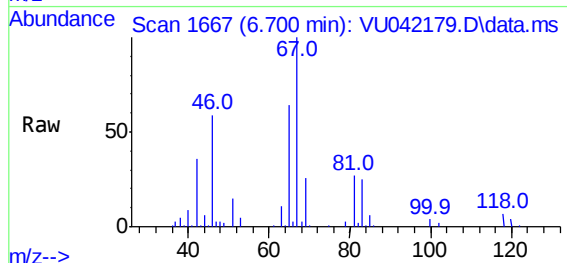




#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042179.D
Acq: 22 Jan 2021 18:58

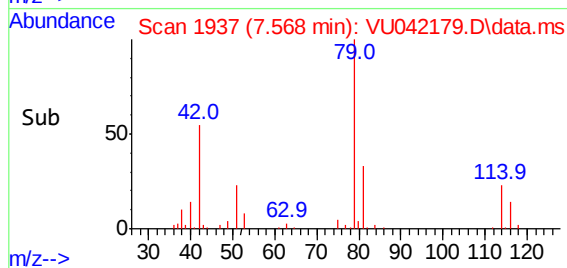
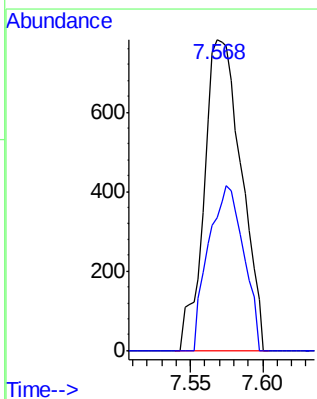
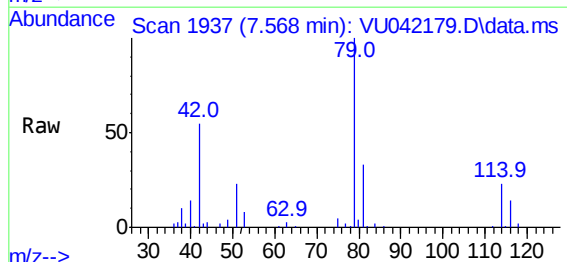
Instrument :
MSVOA_U
ClientSampleId :
F1E32

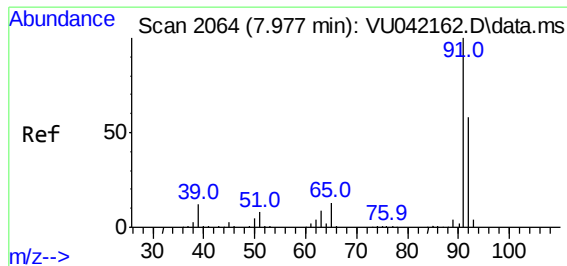
Tgt Ion: 63 Resp: 4686
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.048 min
Lab File: VU042179.D
Acq: 22 Jan 2021 18:58

Tgt Ion: 75 Resp: 1401
Ion Ratio Lower Upper
75 100
77 43.0 22.0 40.8#

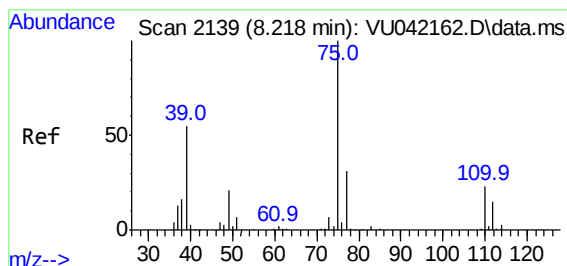
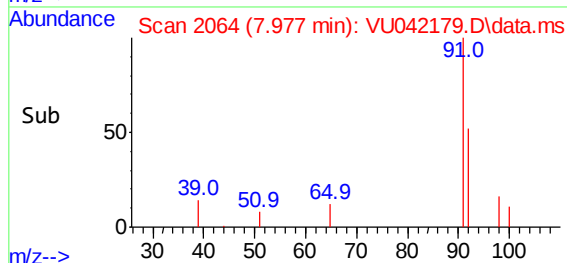
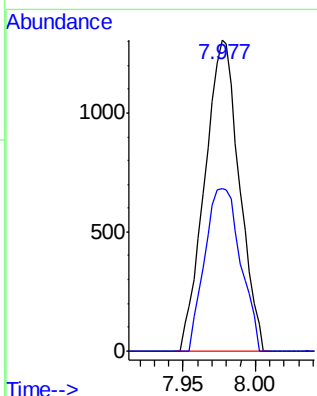
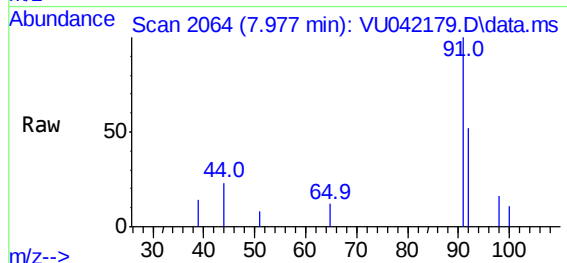




#42
Toluene
Concen: 0.07 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042179.D
Acq: 22 Jan 2021 18:58

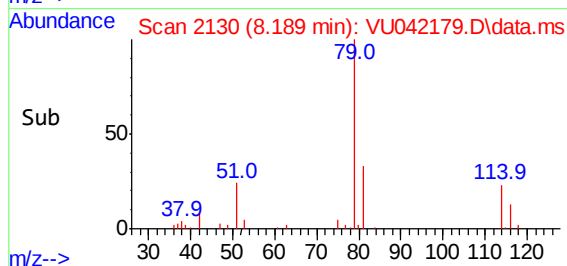
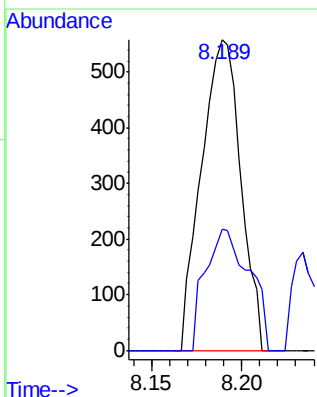
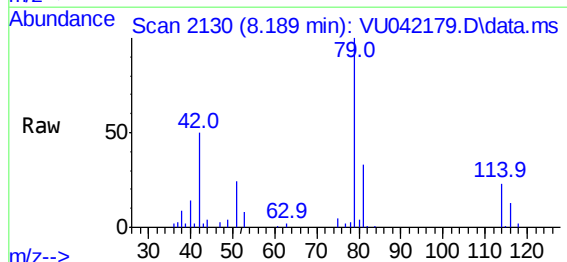
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MSVOA_U
ClientSampled :
F1E32

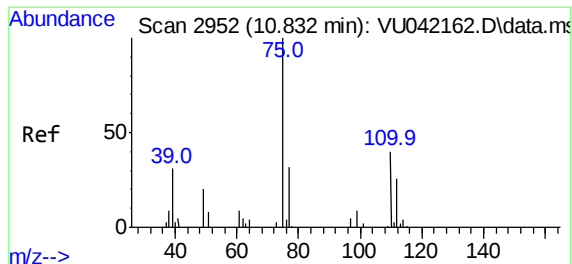
Tgt Ion: 91 Resp: 2172
Ion Ratio Lower Upper
91 100
92 52.3 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042179.D
Acq: 22 Jan 2021 18:58

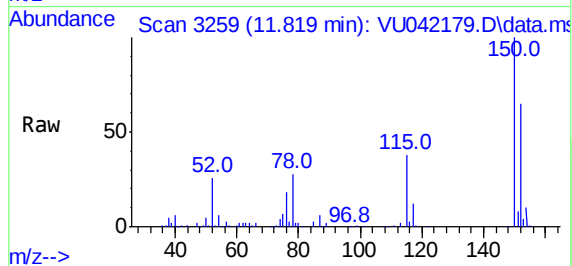
Tgt Ion: 75 Resp: 841
Ion Ratio Lower Upper
75 100
77 38.9 21.8 40.4





#59
1,2,3-Trichloropropane
Concen: 1.11 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042179.D
Acq: 22 Jan 2021 18:58

Instrument :
MSVOA_U
ClientSampleId :
F1E32



Tgt Ion: 75 Resp: 5846
Ion Ratio Lower Upper
75 100
77 35.6 26.0 39.0

