

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042747.D
 Acq On : 20 Mar 2021 02:26
 Operator : SY/MD
 Sample : M1743-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZF0

Quant Time: Mar 20 06:49:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 06:44:19 2021
 Response via : Initial Calibration

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

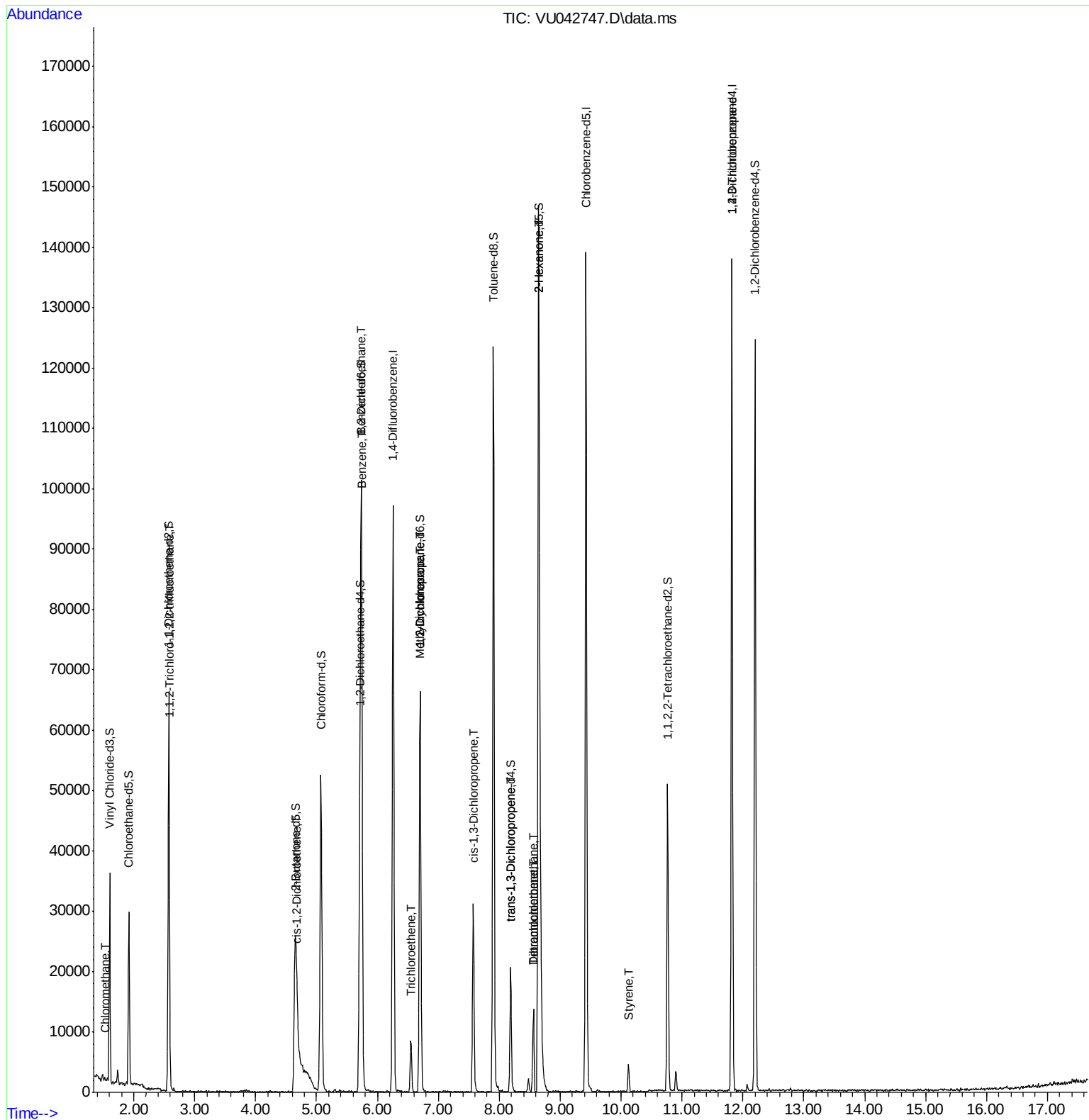
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	72308	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	72404	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34673	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22770	4.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	94.40%		
7) Chloroethane-d5	1.919	69	19112	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	104.80%		
11) 1,1-Dichloroethene-d2	2.575	63	39532	3.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	72.60%		
20) 2-Butanone-d5	4.652	46	54578	34.48	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	68.96%		
24) Chloroform-d	5.073	84	46579	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.80%		
26) 1,2-Dichloroethane-d4	5.713	65	29570	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.80%		
32) Benzene-d6	5.735	84	85524	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.40%		
36) 1,2-Dichloropropane-d6	6.700	67	27773	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	97.00%		
41) Toluene-d8	7.906	98	75404	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.00%		
43) trans-1,3-Dichloroprop...	8.189	79	10718	4.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	80.20%		
46) 2-Hexanone-d5	8.645	63	60106	46.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	93.84%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	23628	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	92.60%		
64) 1,2-Dichlorobenzene-d4	12.201	152	31128	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.00%		
Target Compounds						Qvalue
3) Chloromethane	1.523	50	310	0.05	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	304	0.06	ug/L #	18
22) cis-1,2-Dichloroethene	4.681	96	1124	0.20	ug/L	90
27) 1,2-Dichloroethane	5.735	62	474	0.06	ug/L #	75
33) Benzene	5.742	78	644	0.03	ug/L	100
34) Trichloroethene	6.549	95	2957	0.47	ug/L	97
35) Methylcyclohexane	6.703	83	6512	0.68	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3391	0.55	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	753	0.08	ug/L #	81
44) trans-1,3-Dichloropropene	8.189	75	514	0.06	ug/L	95
47) Tetrachloroethene	8.562	164	2683	0.52	ug/L	82
48) 2-Hexanone	8.649	43	9661	2.46	ug/L #	64
49) Dibromochloromethane	8.562	129	2696	0.48	ug/L #	12
55) Styrene	10.124	104	2224	0.13	ug/L	89
59) 1,2,3-Trichloropropane	11.819	75	4371	0.95	ug/L #	83

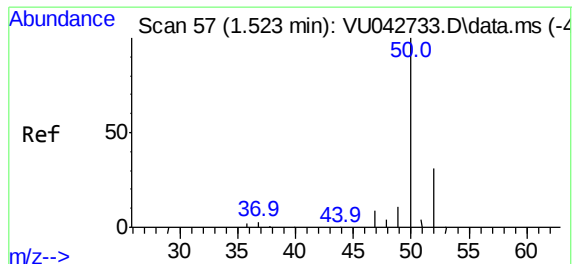
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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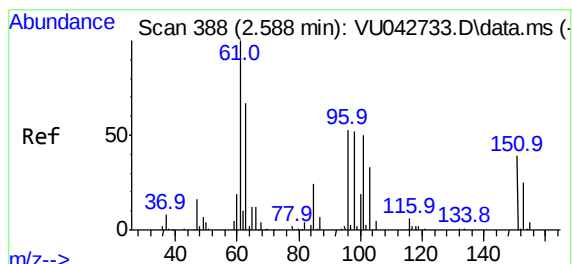
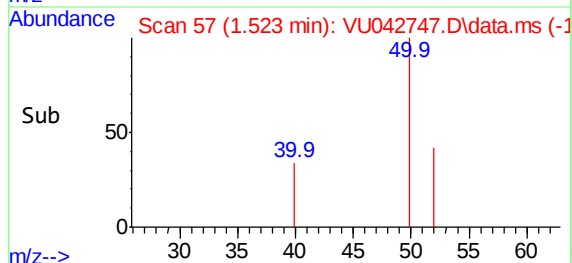
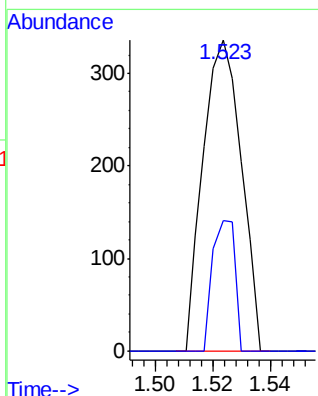
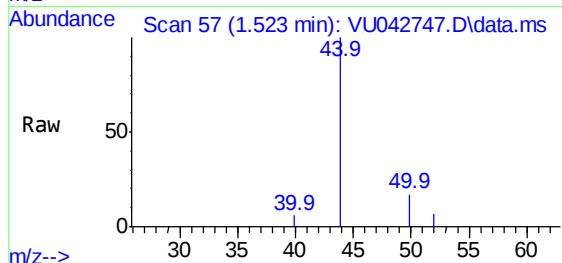




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042747.D
Acq: 20 Mar 2021 02:26

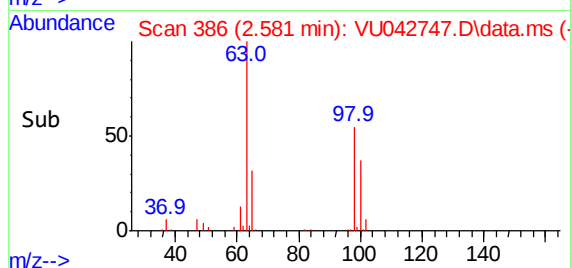
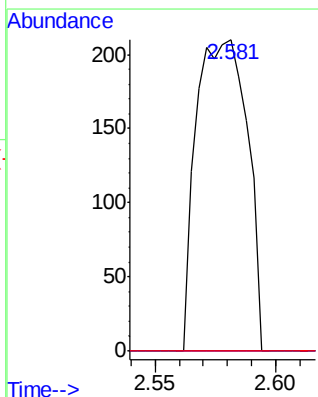
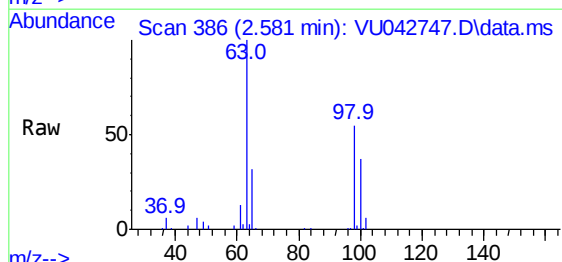
Instrument :
MSVOA_U
ClientSampled :
ETZF0

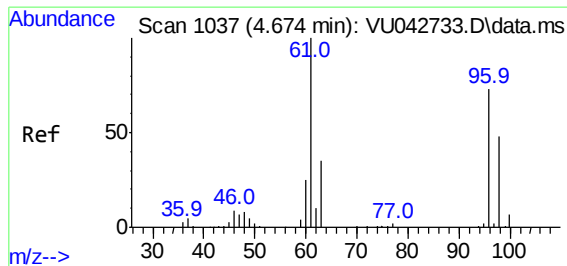
Tgt Ion: 50 Resp: 310
Ion Ratio Lower Upper
50 100
52 42.0 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU042747.D
Acq: 20 Mar 2021 02:26

Tgt Ion:101 Resp: 304
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



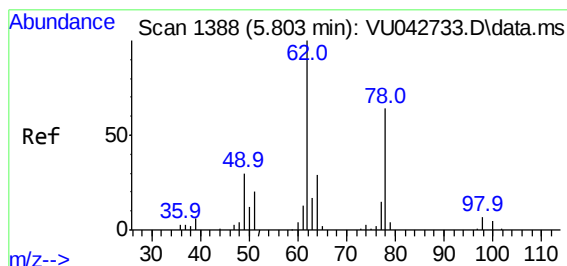
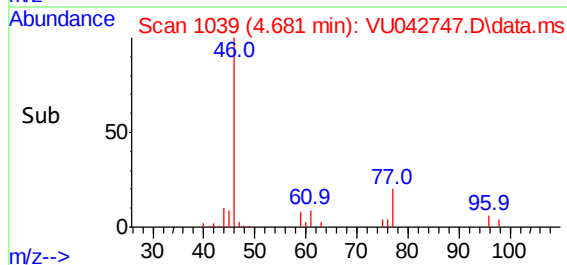
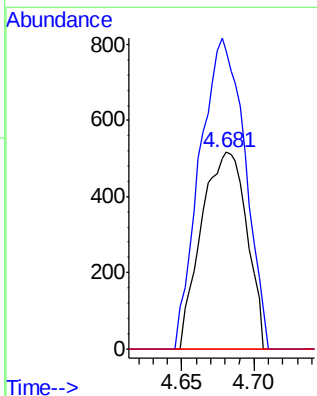
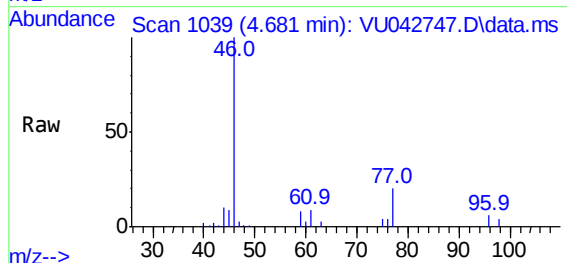


#22
 cis-1,2-Dichloroethene
 Concen: 0.20 ug/L
 RT: 4.681 min Scan# 1039
 Delta R.T. 0.007 min
 Lab File: VU042747.D
 Acq: 20 Mar 2021 02:26

Instrument :
 MSVOA_U
 ClientSampled :
 ETZF0

Tgt Ion: 96 Resp: 1124

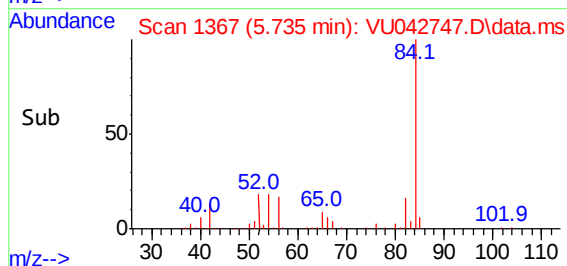
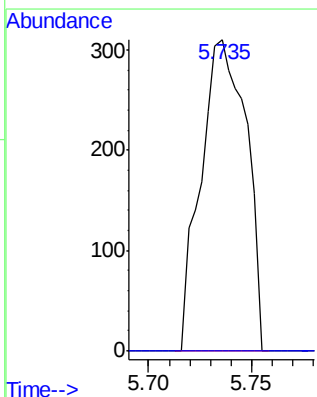
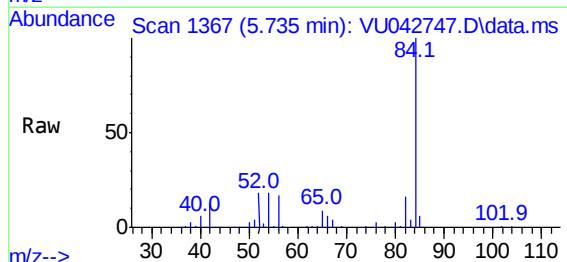
Ion	Ratio	Lower	Upper
96	100		
61	151.7	97.8	181.6
68	0.0	0.0	0.0

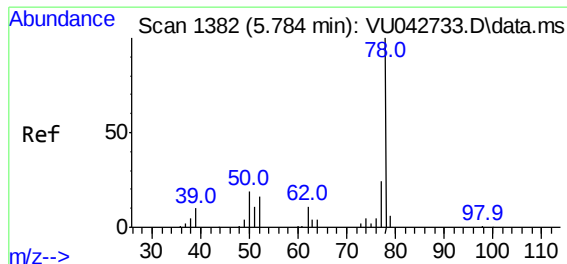


#27
 1,2-Dichloroethane
 Concen: 0.06 ug/L
 RT: 5.735 min Scan# 1367
 Delta R.T. -0.067 min
 Lab File: VU042747.D
 Acq: 20 Mar 2021 02:26

Tgt Ion: 62 Resp: 474

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9#

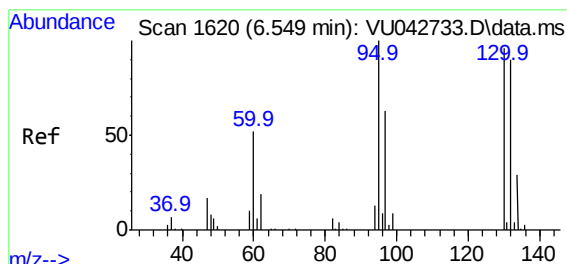
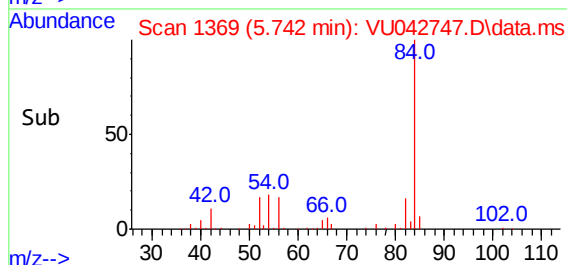
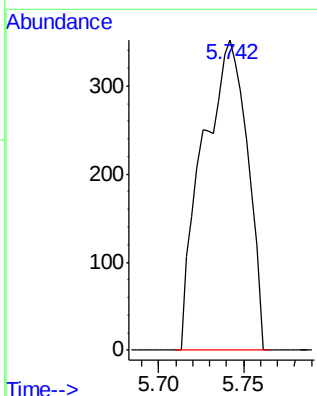
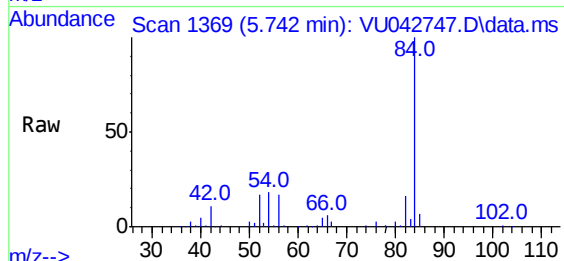




#33
Benzene
Concen: 0.03 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042747.D
Acq: 20 Mar 2021 02:26

Instrument :
MSVOA_U
ClientSampleId :
ETZF0

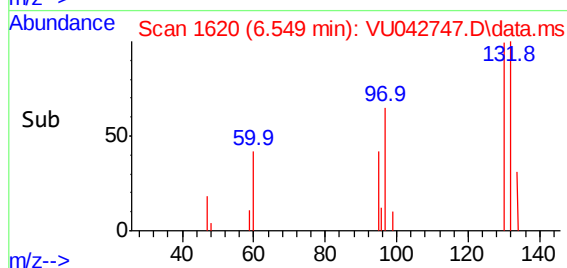
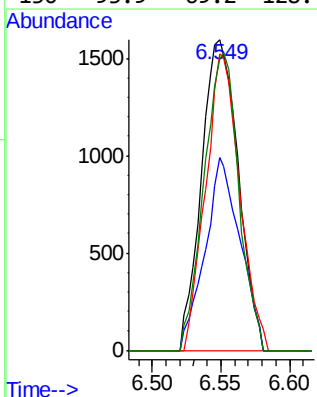
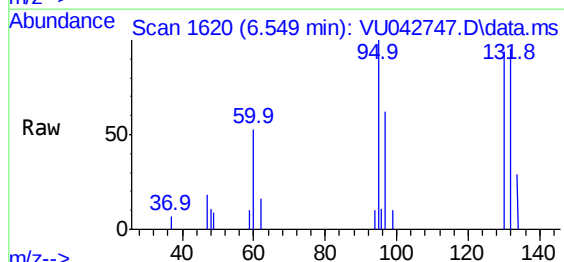
Tgt Ion: 78 Resp: 644

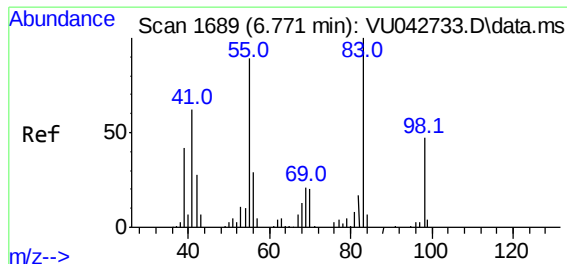


#34
Trichloroethene
Concen: 0.47 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042747.D
Acq: 20 Mar 2021 02:26

Tgt Ion: 95 Resp: 2957

Ion	Ratio	Lower	Upper
95	100		
97	61.9	44.4	82.4
132	95.3	68.0	126.4
130	93.9	69.2	128.4

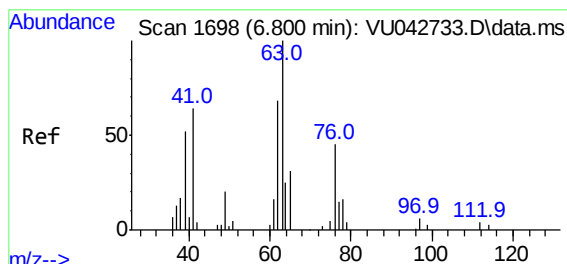
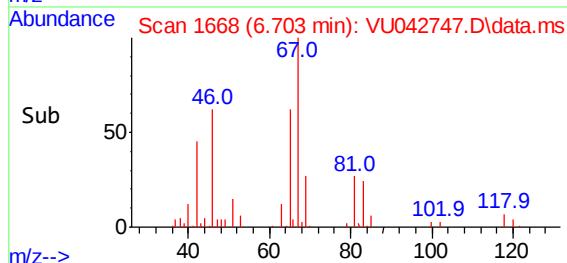
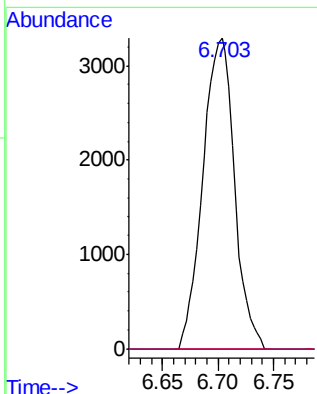
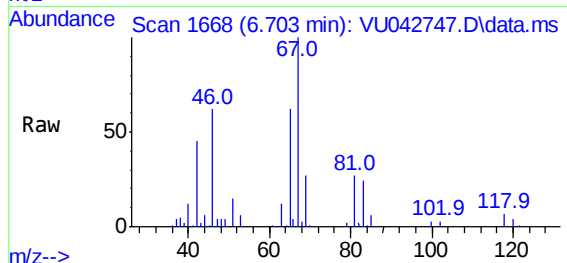




#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.067 min
Lab File: VU042747.D
Acq: 20 Mar 2021 02:26

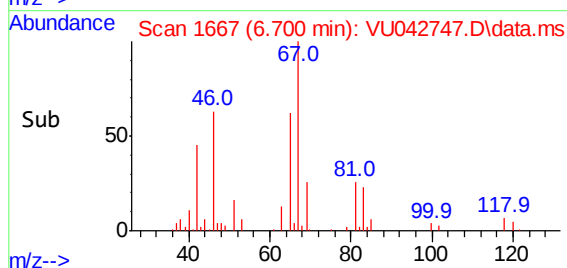
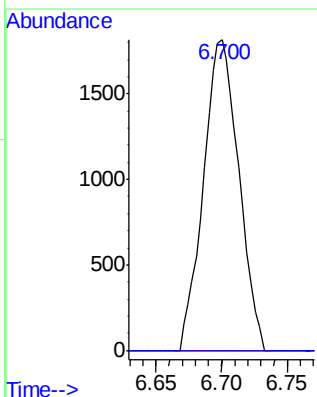
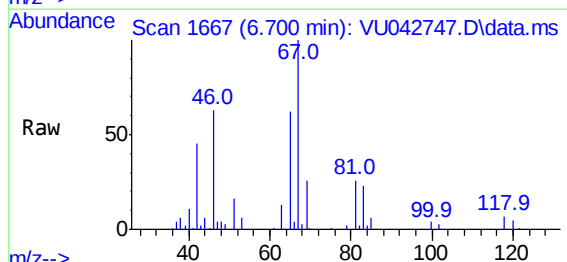
Instrument :
MSVOA_U
ClientSampleId :
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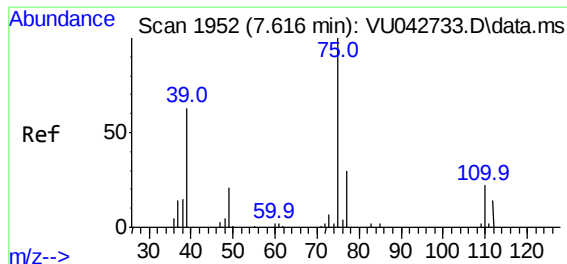
Tgt Ion: 83 Resp: 6512
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 1.3 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042747.D
Acq: 20 Mar 2021 02:26

Tgt Ion: 63 Resp: 3391
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

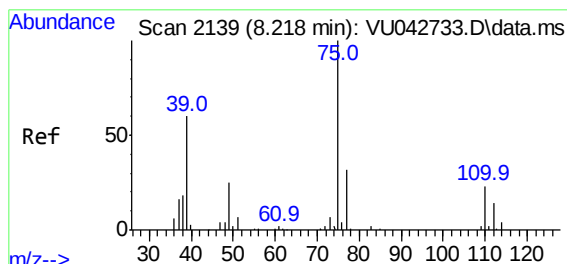
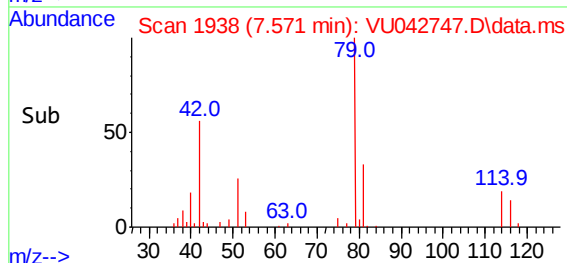
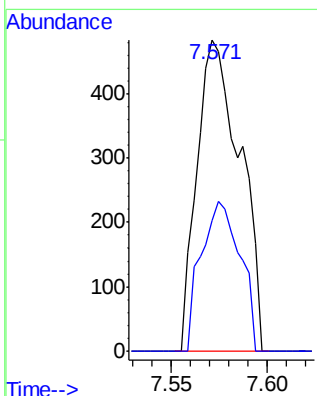
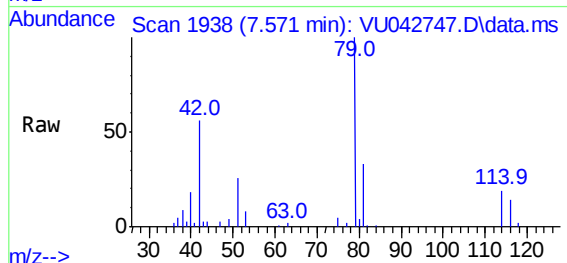




#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042747.D
Acq: 20 Mar 2021 02:26

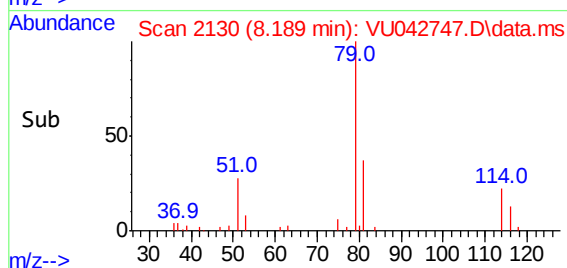
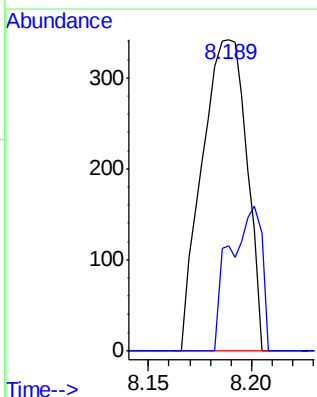
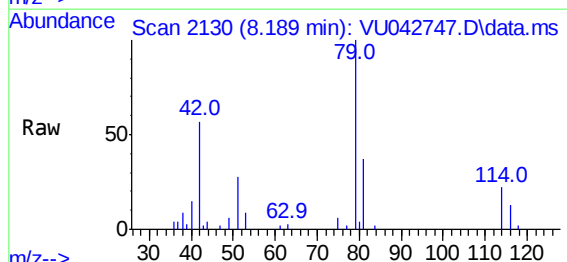
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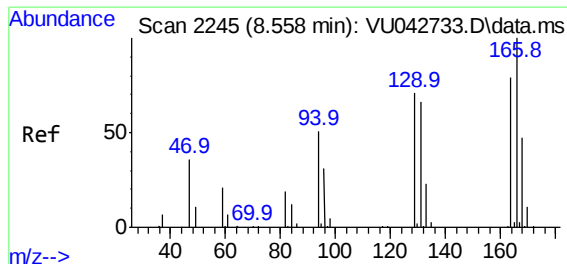
Tgt Ion: 75 Resp: 753
Ion Ratio Lower Upper
75 100
77 42.0 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042747.D
Acq: 20 Mar 2021 02:26

Tgt Ion: 75 Resp: 514
Ion Ratio Lower Upper
75 100
77 33.6 21.8 40.4



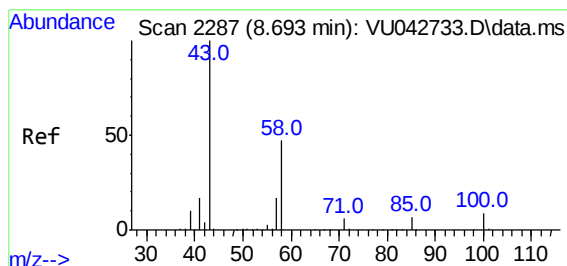
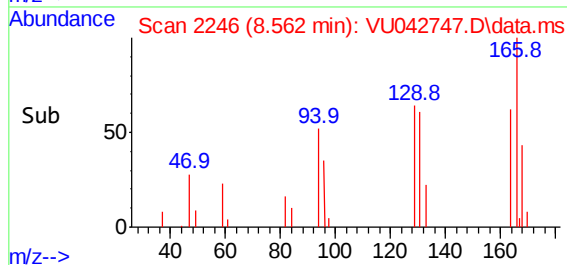
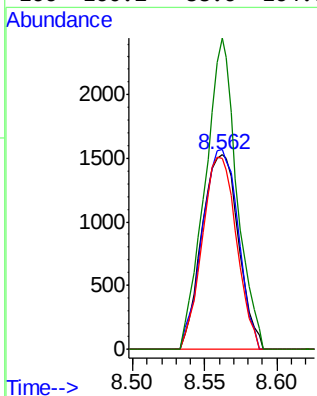
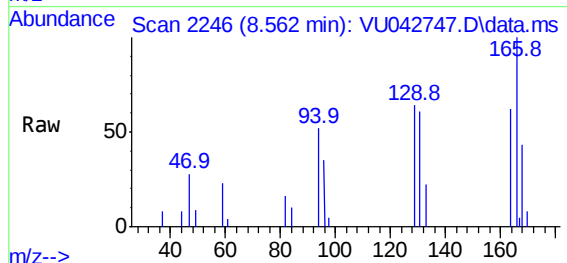


#47
Tetrachloroethene
Concen: 0.52 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU042747.D
Acq: 20 Mar 2021 02:26

Instrument :
MSVOA_U
ClientSampled :
ETZF0

Tgt Ion:164 Resp: 2683

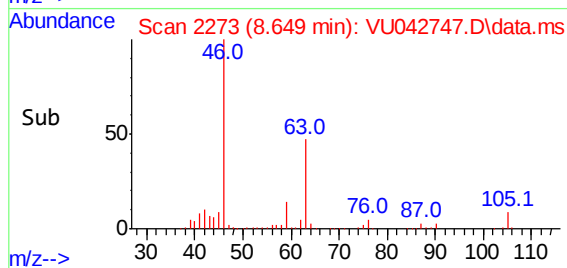
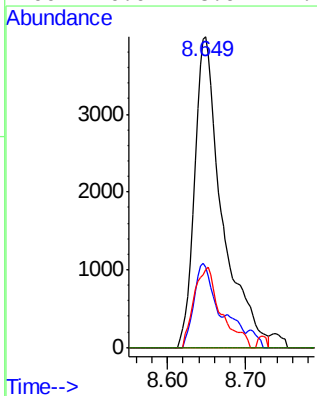
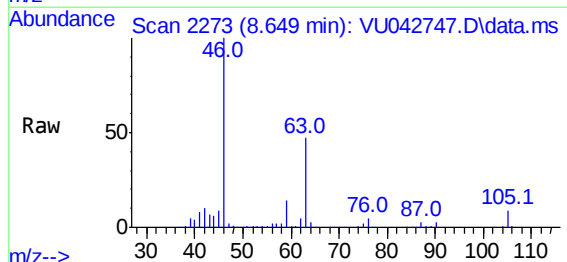
Ion	Ratio	Lower	Upper
164	100		
129	102.6	64.3	119.5
131	98.3	62.2	115.6
166	160.2	88.6	164.6

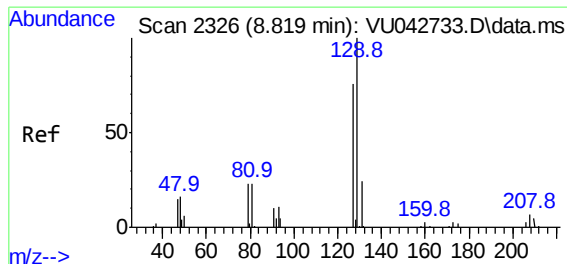


#48
2-Hexanone
Concen: 2.46 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.045 min
Lab File: VU042747.D
Acq: 20 Mar 2021 02:26

Tgt Ion: 43 Resp: 9661

Ion	Ratio	Lower	Upper
43	100		
58	19.3	40.6	61.0#
57	25.3	14.9	22.3#
100	0.0	8.6	12.8#

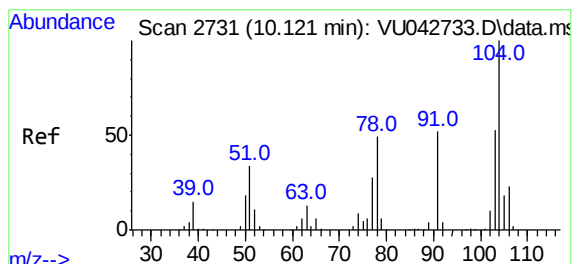
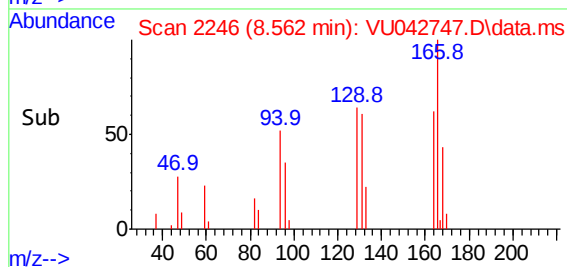
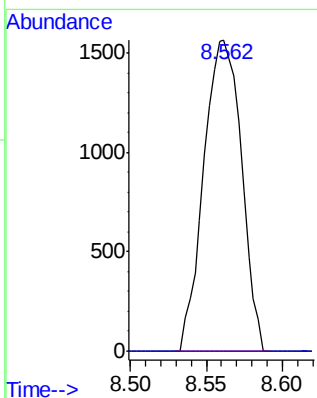
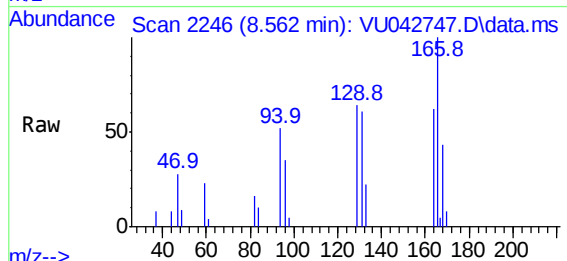




#49
Dibromochloromethane
Concen: 0.48 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042747.D
Acq: 20 Mar 2021 02:26

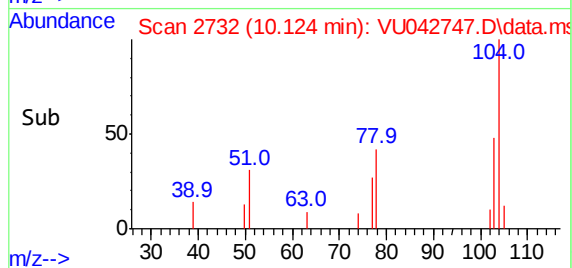
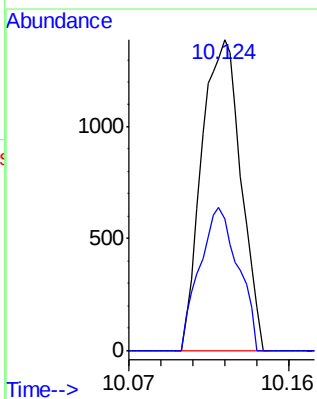
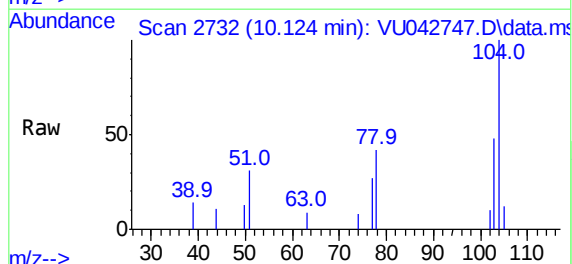
Instrument :
MSVOA_U
ClientSampleId :
ETZF0

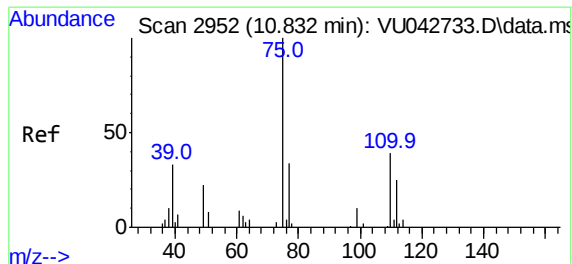
Tgt Ion:129 Resp: 2696
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#55
Styrene
Concen: 0.13 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042747.D
Acq: 20 Mar 2021 02:26

Tgt Ion:104 Resp: 2224
Ion Ratio Lower Upper
104 100
78 42.4 34.9 64.7





#59
 1,2,3-Trichloropropane
 Concen: 0.95 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042747.D
 Acq: 20 Mar 2021 02:26

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZF0

Tgt Ion: 75 Resp: 4371
 Ion Ratio Lower Upper
 75 100
 77 41.9 26.0 39.0#

