

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042249.D
 Acq On : 03 Feb 2021 22:14
 Operator : SY/MD
 Sample : M1259-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E66

Quant Time: Feb 04 05:35:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 05:34:35 2021
 Response via : Initial Calibration

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

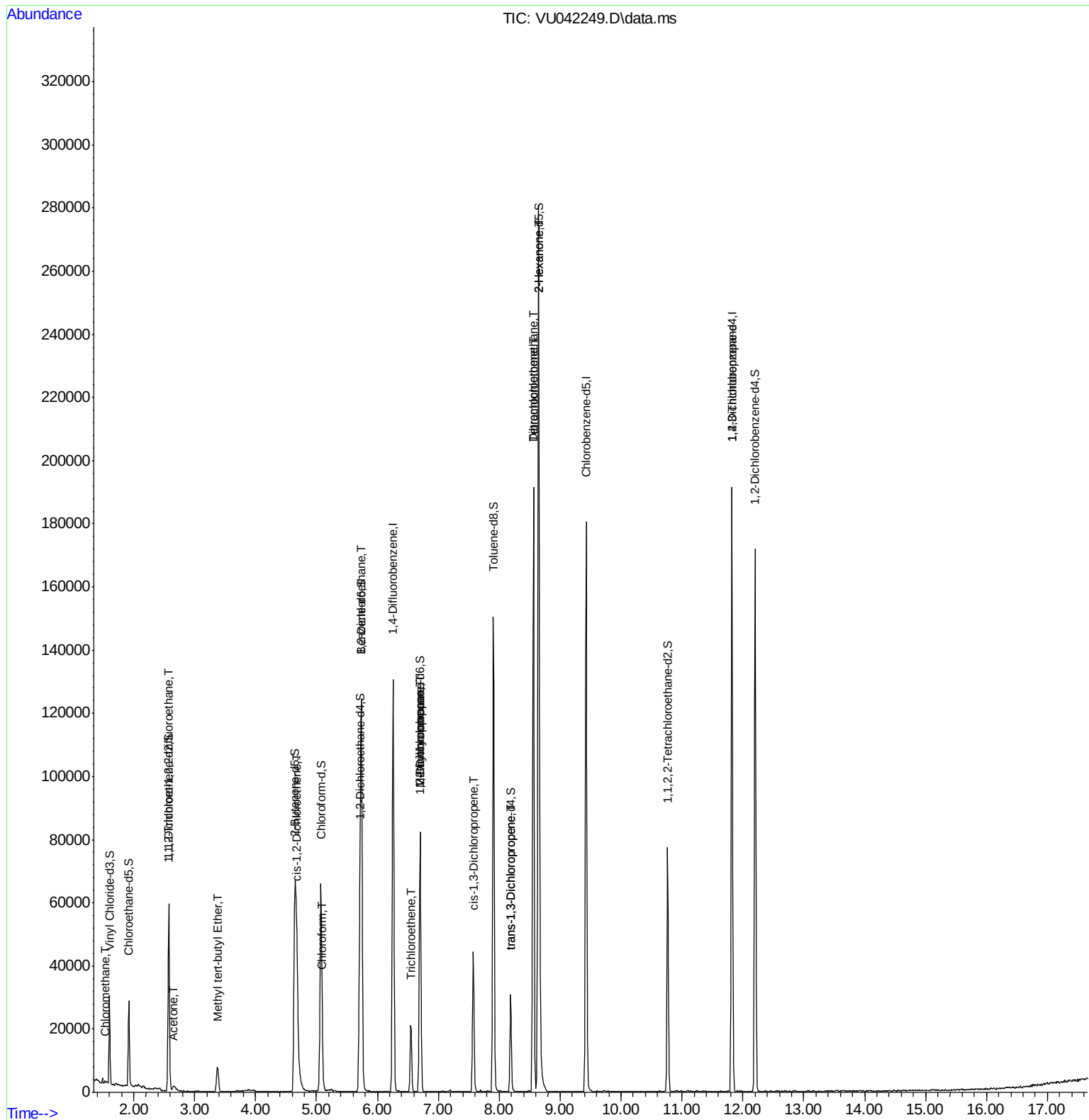
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	103319	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	94865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	49692	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18906	2.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.80%
7) Chloroethane-d5	1.919	69	17938	3.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.80%
11) 1,1-Dichloroethene-d2	2.575	63	35999	2.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.00%#
20) 2-Butanone-d5	4.649	46	141306	58.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.20%
24) Chloroform-d	5.073	84	57828	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.713	65	39649	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.736	84	103628	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.700	67	37003	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.906	98	95342	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloroprop...	8.189	79	15966	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.645	63	102439	58.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.18%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35657	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	43573	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	573	0.07	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	367	0.05	ug/L #	18
13) Acetone	2.652	43	1610	0.99	ug/L	98
17) Methyl tert-butyl Ether	3.376	73	8874	0.44	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	8902	1.12	ug/L	97
25) Chloroform	5.096	83	3144	0.22	ug/L	96
27) 1,2-Dichloroethane	5.736	62	523	0.05	ug/L #	75
34) Trichloroethene	6.549	95	6707	0.89	ug/L	96
35) Methylcyclohexane	6.700	83	8382	0.66	ug/L #	18
37) 1,2-Dichloropropane	6.703	63	4269	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1087	0.09	ug/L	84
44) trans-1,3-Dichloropropene	8.189	75	757	0.07	ug/L #	72
47) Tetrachloroethene	8.562	164	40258	6.43	ug/L	97
48) 2-Hexanone	8.645	43	14895	3.41	ug/L #	70
49) Dibromochloromethane	8.562	129	37682	5.21	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	5295	1.02	ug/L #	87

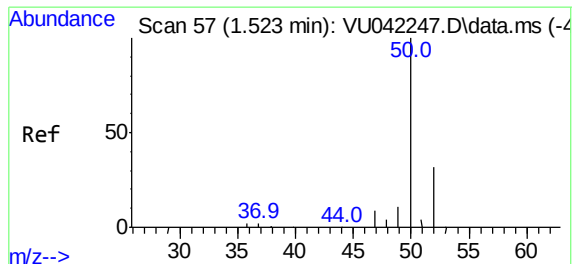
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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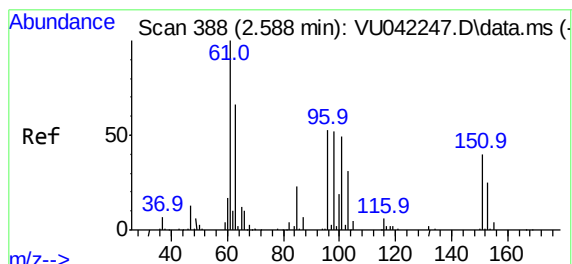
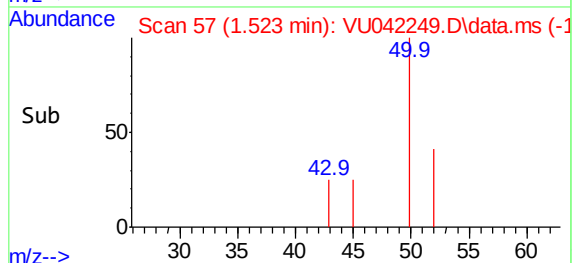
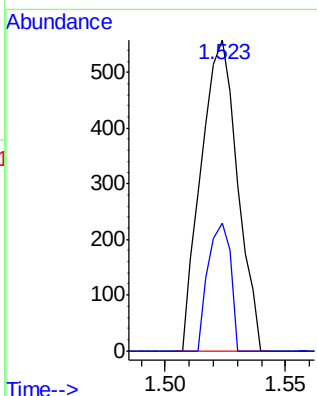
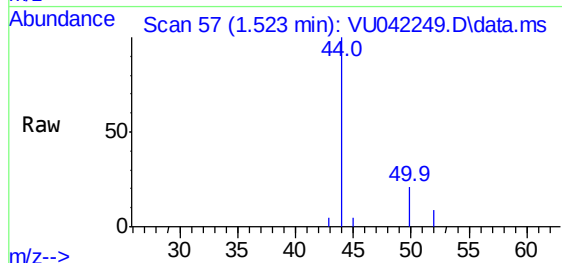




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14

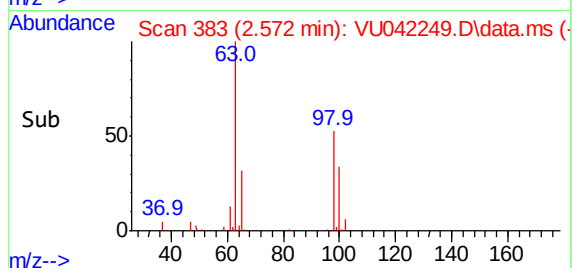
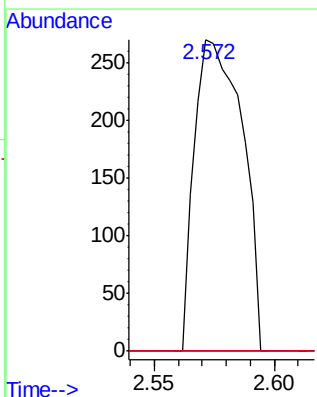
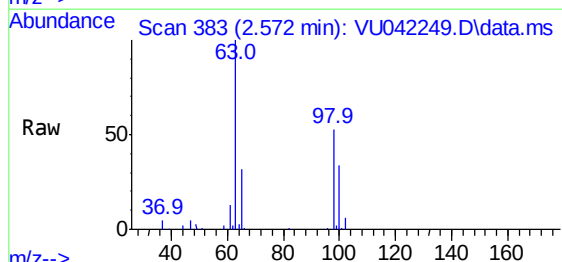
Instrument :
MSVOA_U
ClientSampled :
F1E66

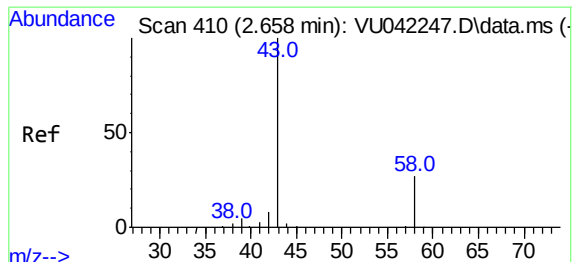
Tgt Ion: 50 Resp: 573
Ion Ratio Lower Upper
50 100
52 41.0 23.0 42.8



#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: VU042249.D
Acq: 03 Feb 2021 22:14

Tgt Ion:101 Resp: 367
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

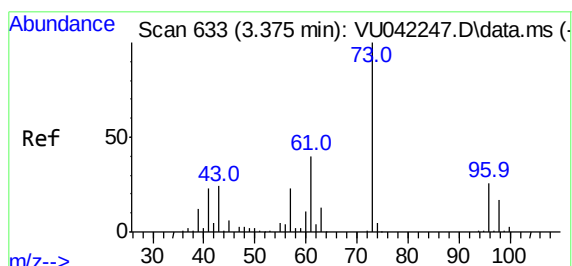
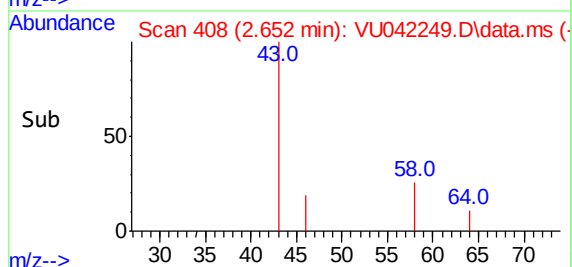
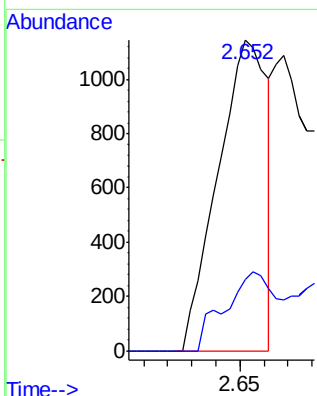
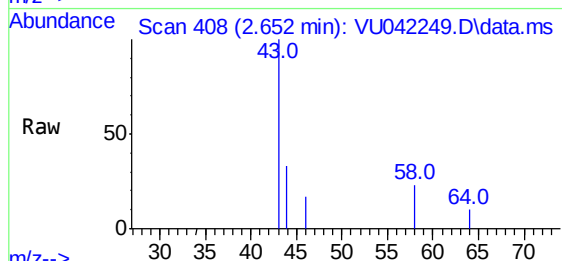




#13
Acetone
Concen: 0.99 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.006 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14

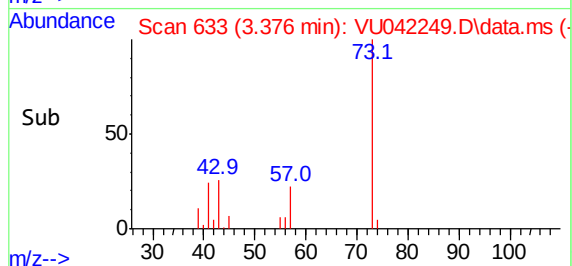
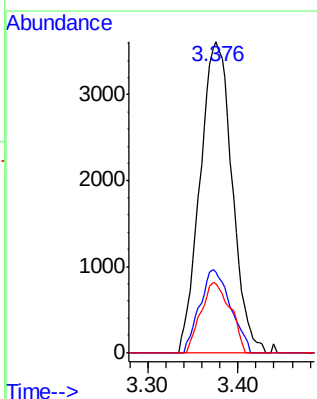
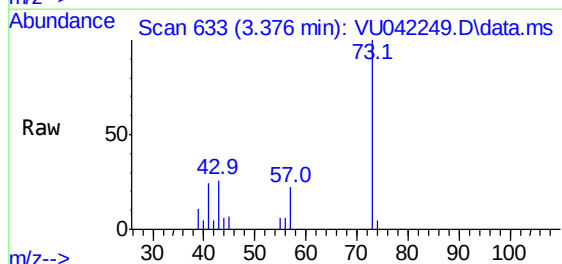
Instrument :
MSVOA_U
ClientSampleId :
F1E66

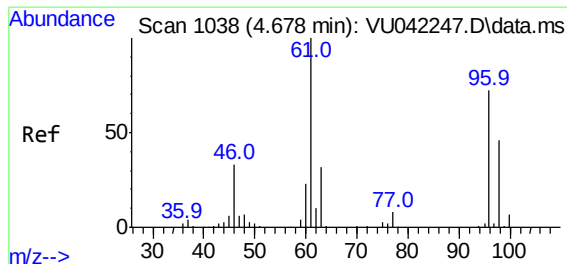
Tgt Ion: 43 Resp: 1610
Ion Ratio Lower Upper
43 100
58 26.8 0.0 55.8



#17
Methyl tert-butyl Ether
Concen: 0.44 ug/L
RT: 3.376 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14

Tgt Ion: 73 Resp: 8874
Ion Ratio Lower Upper
73 100
43 25.6 18.9 28.3
57 20.5 18.2 27.4



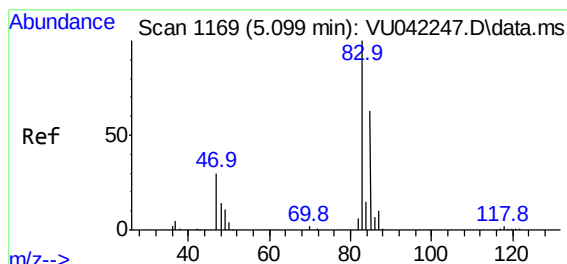
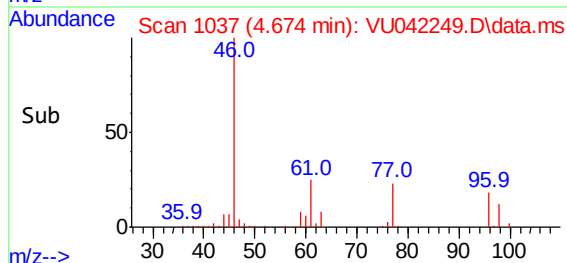
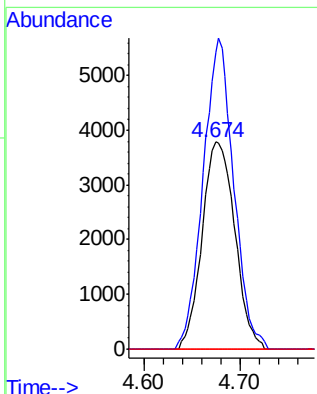
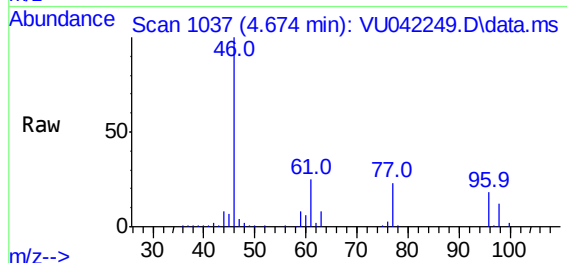


#22
 cis-1,2-Dichloroethene
 Concen: 1.12 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU042249.D
 Acq: 03 Feb 2021 22:14

Instrument :
 MSVOA_U
 ClientSampled :
 F1E66

Tgt Ion: 96 Resp: 8902

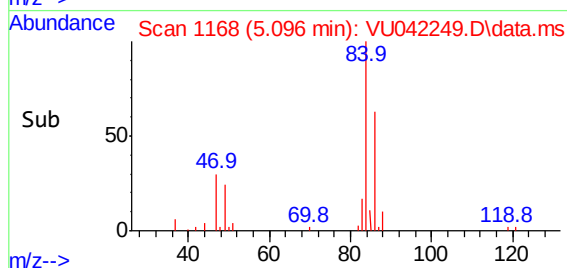
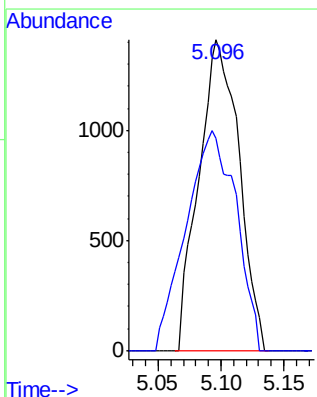
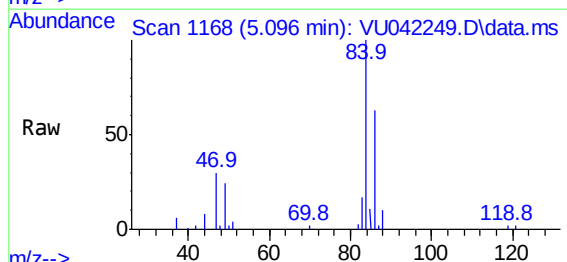
Ion	Ratio	Lower	Upper
96	100		
61	143.7	97.8	181.6
68	0.0	0.0	0.0

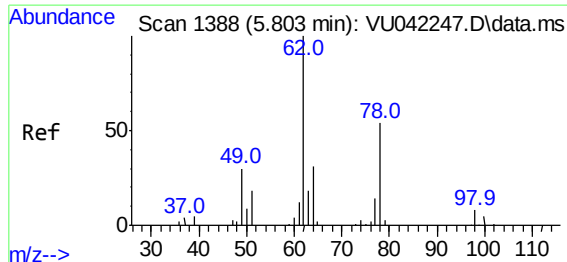


#25
 Chloroform
 Concen: 0.22 ug/L
 RT: 5.096 min Scan# 1168
 Delta R.T. -0.003 min
 Lab File: VU042249.D
 Acq: 03 Feb 2021 22:14

Tgt Ion: 83 Resp: 3144

Ion	Ratio	Lower	Upper
83	100		
85	68.3	45.7	84.9

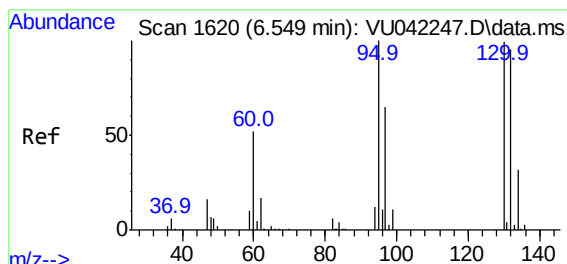
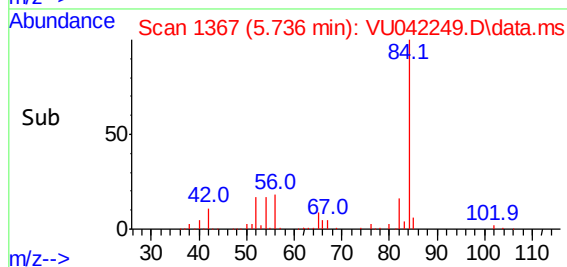
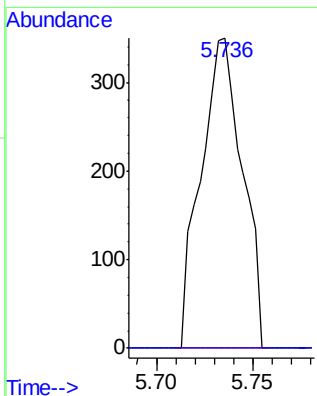
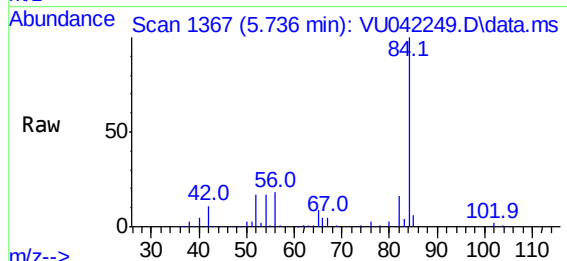




#27
1,2-Dichloroethane
Concen: 0.05 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14

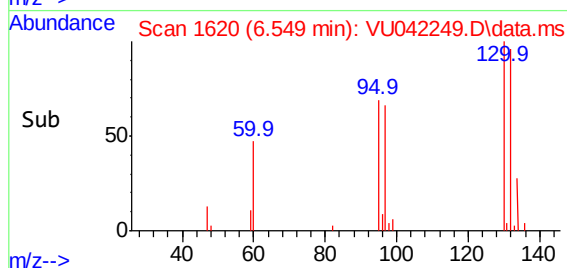
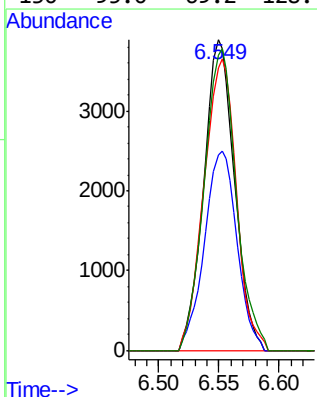
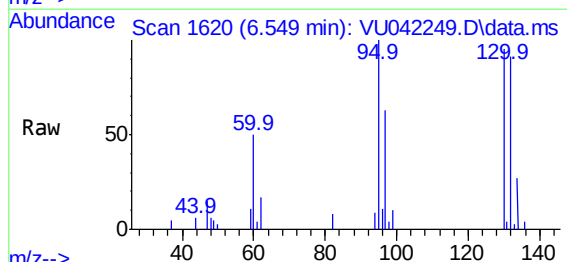
Instrument :
MSVOA_U
ClientSampleId :
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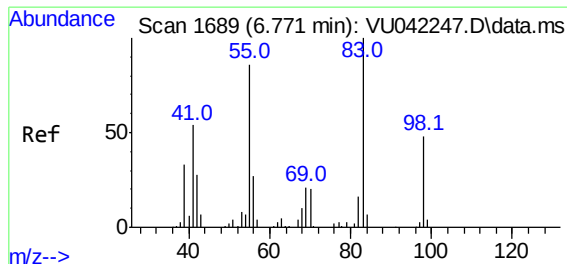
Tgt Ion: 62 Resp: 523
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#34
Trichloroethene
Concen: 0.89 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14

Tgt Ion: 95 Resp: 6707
Ion Ratio Lower Upper
95 100
97 62.9 44.4 82.4
132 91.1 68.0 126.4
130 95.0 69.2 128.4

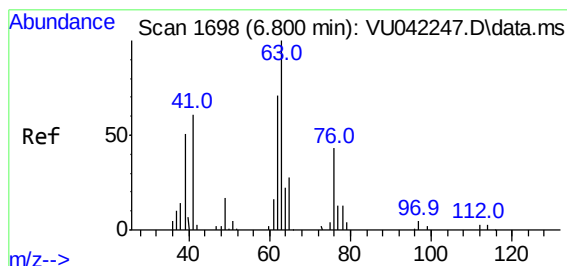
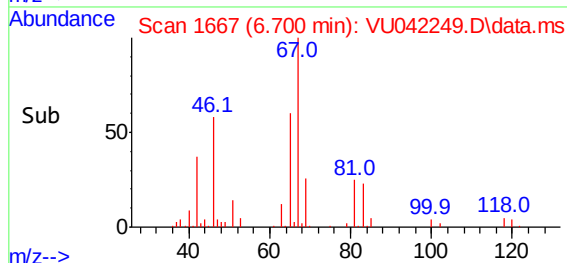
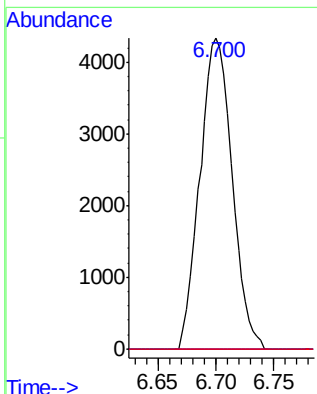
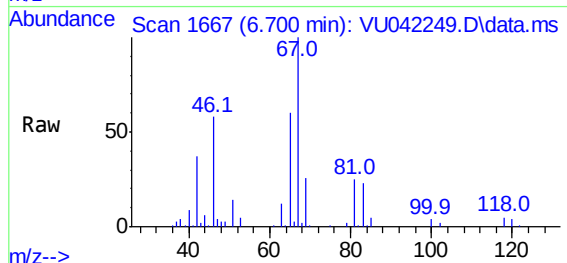




#35
Methylcyclohexane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14

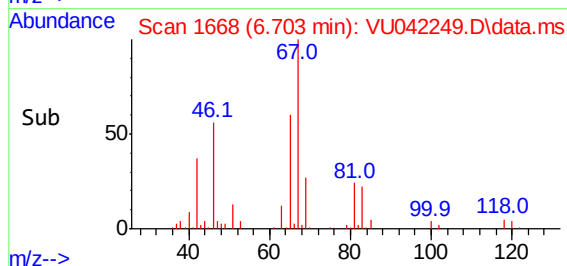
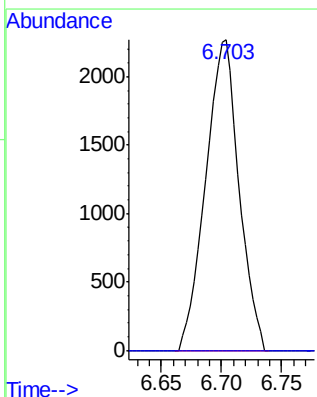
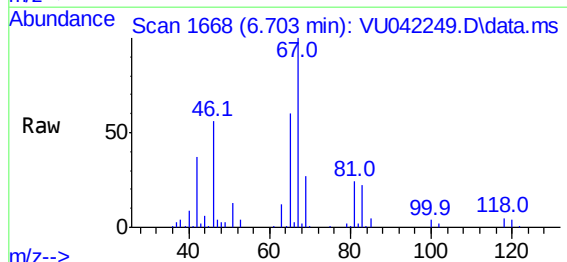
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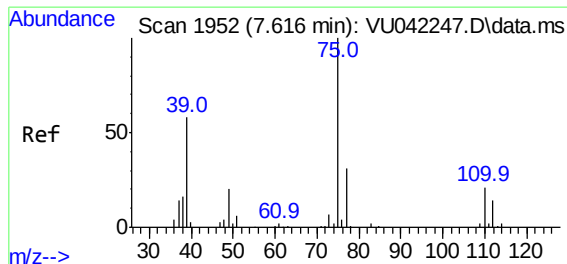
Tgt Ion: 83 Resp: 8382
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 7.1 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14

Tgt Ion: 63 Resp: 4269
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

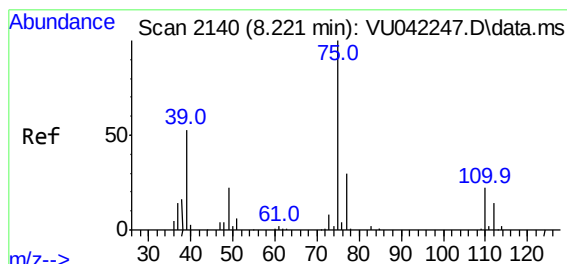
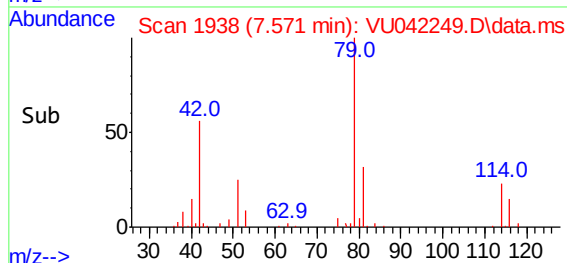
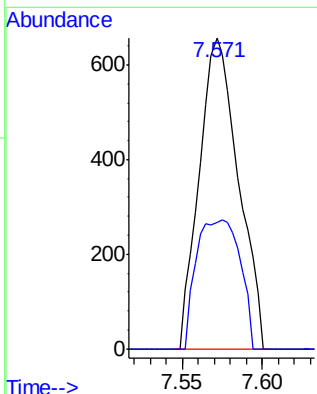
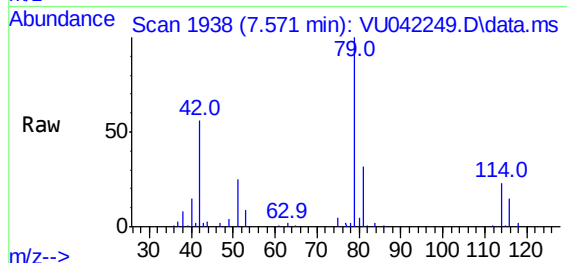




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14

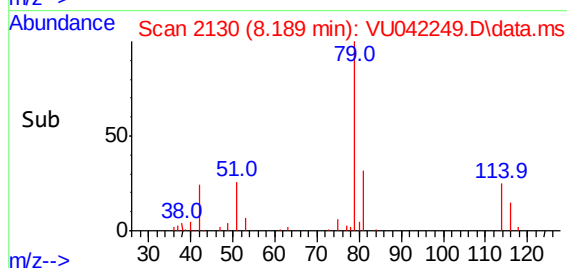
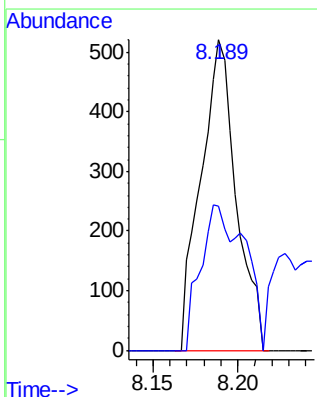
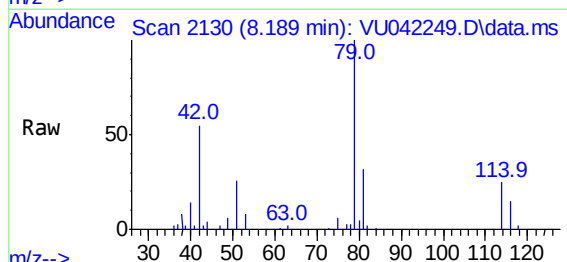
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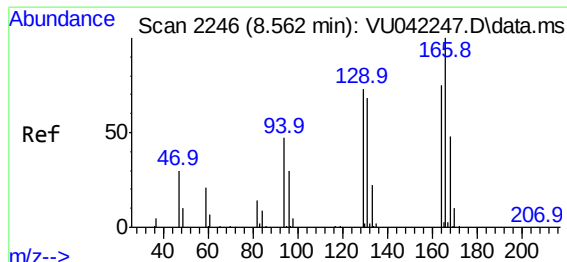
Tgt Ion: 75 Resp: 1087
Ion Ratio Lower Upper
75 100
77 40.5 22.0 40.8



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14

Tgt Ion: 75 Resp: 757
Ion Ratio Lower Upper
75 100
77 46.3 21.8 40.4#





#47

Tetrachloroethene

Concen: 6.43 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.000 min

Lab File: VU042249.D

Acq: 03 Feb 2021 22:14

Tgt Ion:164 Resp: 40258

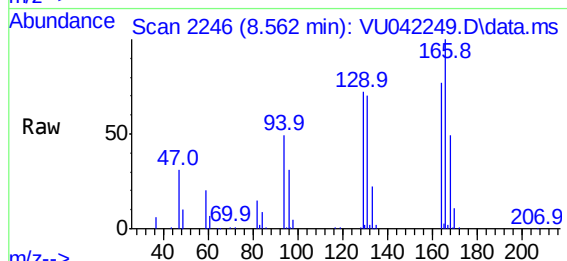
Ion Ratio Lower Upper

164 100

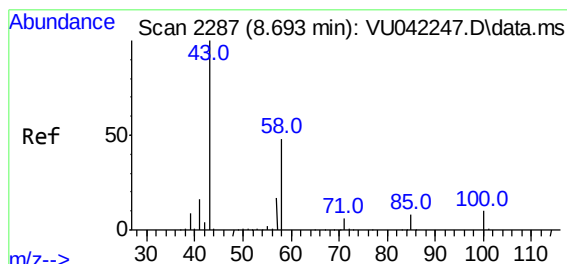
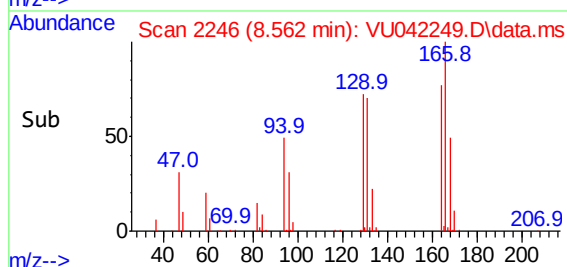
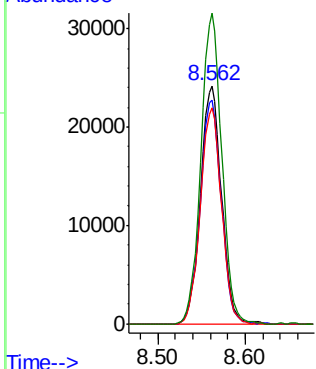
129 93.9 64.3 119.5

131 91.1 62.2 115.6

166 130.7 88.6 164.6



Abundance



#48

2-Hexanone

Concen: 3.41 ug/L

RT: 8.645 min Scan# 2272

Delta R.T. -0.048 min

Lab File: VU042249.D

Acq: 03 Feb 2021 22:14

Tgt Ion: 43 Resp: 14895

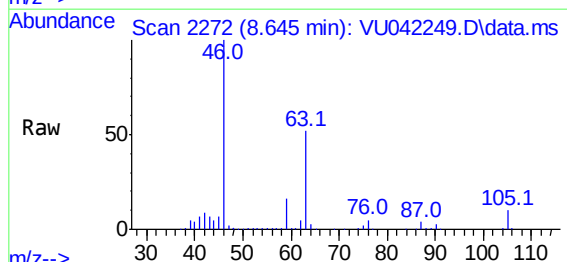
Ion Ratio Lower Upper

43 100

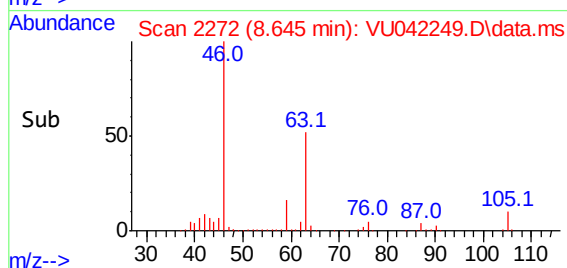
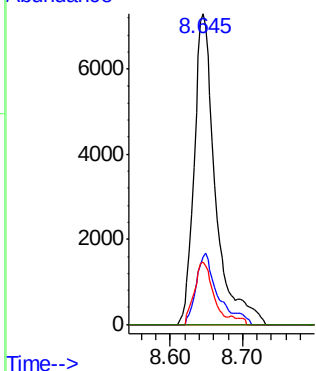
58 21.9 40.6 61.0#

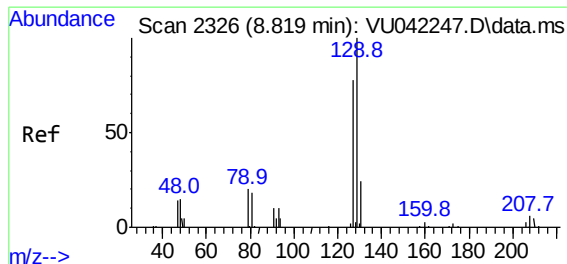
57 19.2 14.9 22.3

100 0.0 8.6 12.8#



Abundance

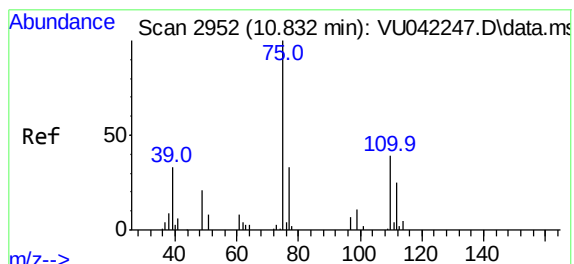
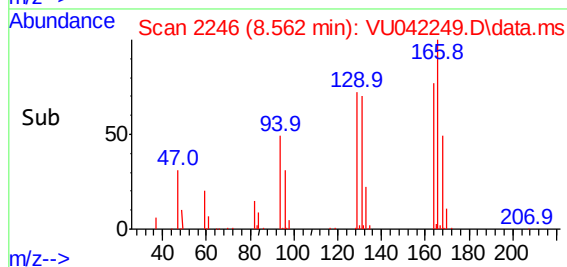
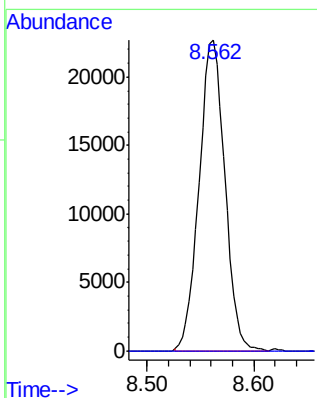
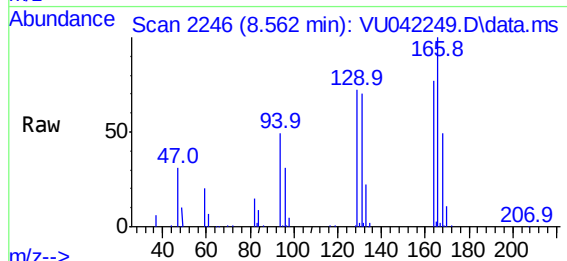




#49
Dibromochloromethane
Concen: 5.21 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14

Instrument :
MSVOA_U
ClientSampleId :
F1E66

Tgt Ion:129 Resp: 37682
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.02 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14

Tgt Ion: 75 Resp: 5295
Ion Ratio Lower Upper
75 100
77 39.6 26.0 39.0#

