

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042047.D
 Acq On : 14 Jan 2021 21:36
 Operator : SY/MD
 Sample : M1132-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1A17

Quant Time: Jan 15 06:36:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

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

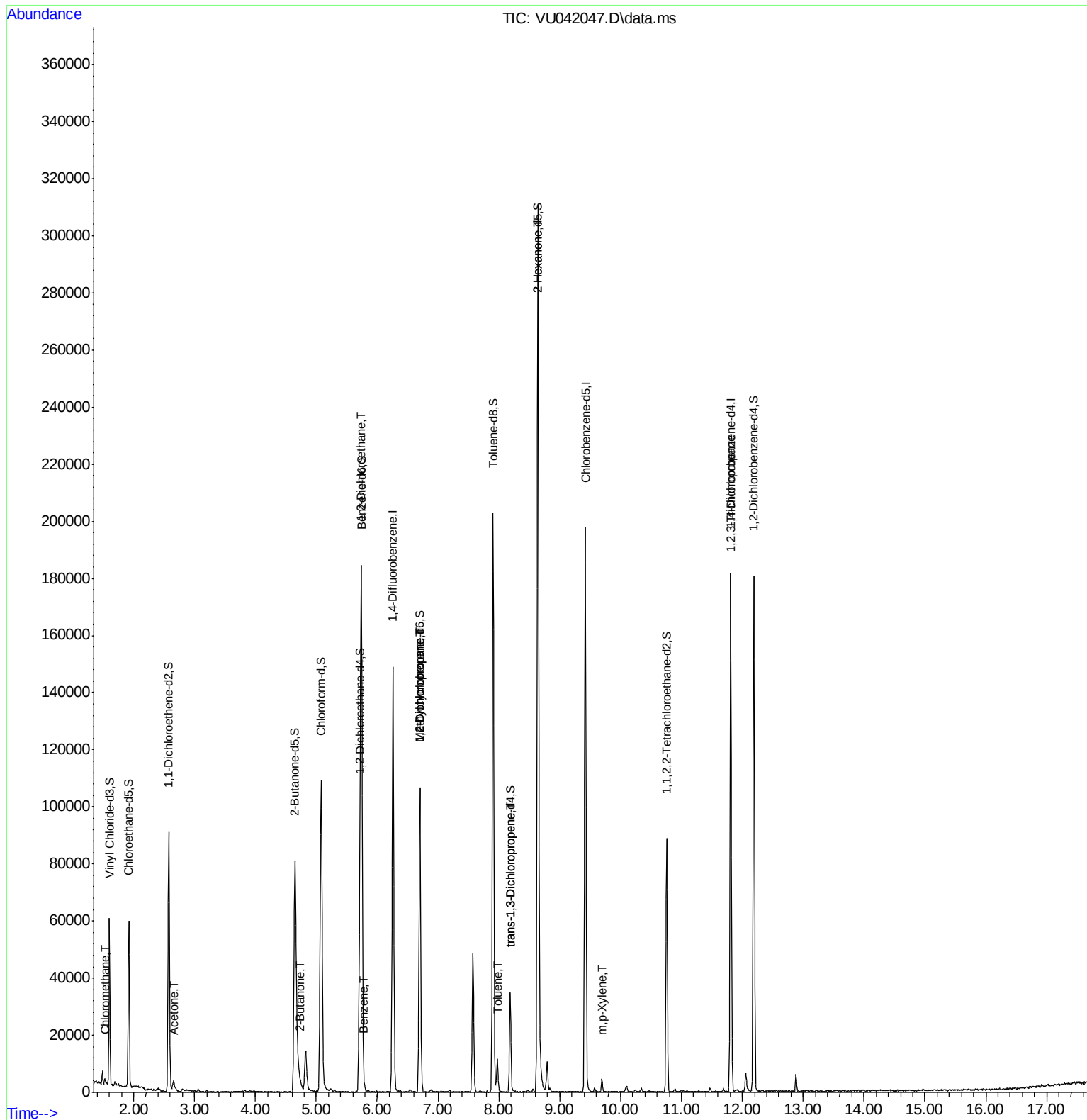
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	118952	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111729	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	48038	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38261	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.919	69	40663	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.578	63	55310	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.649	46	142479	47.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.60%
24) Chloroform-d	5.079	84	84394	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.716	65	50044	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.742	84	169929	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.703	67	51093	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.906	98	132928	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloroprop...	8.185	79	20381	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.639	63	115159	47.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.36%
57) 1,1,2,2-Tetrachloroeth...	10.758	84	46621	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.188	152	46582	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1433	0.10	ug/L	96
13) Acetone	2.658	43	6319	3.36	ug/L	85
21) 2-Butanone	4.729	43	2353	0.78	ug/L	86
27) 1,2-Dichloroethane	5.738	62	577	0.05	ug/L #	75
33) Benzene	5.784	78	1651	0.04	ug/L	100
35) Methylcyclohexane	6.703	83	11905	0.73	ug/L #	17
37) 1,2-Dichloropropane	6.703	63	5210	0.49	ug/L #	90
42) Toluene	7.976	91	8659	0.20	ug/L	89
44) trans-1,3-Dichloropropene	8.185	75	756	0.05	ug/L	86
48) 2-Hexanone	8.639	43	13786	2.75	ug/L #	71
53) m,p-Xylene	9.690	106	1085	0.07	ug/L	89
59) 1,2,3-Trichloropropane	11.806	75	5421	0.77	ug/L	94

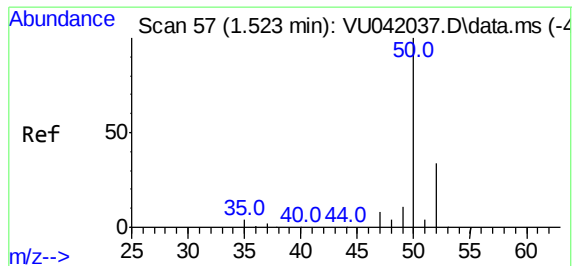
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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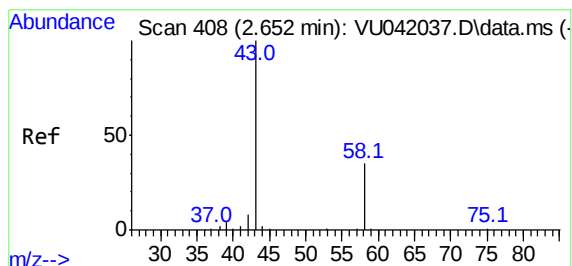
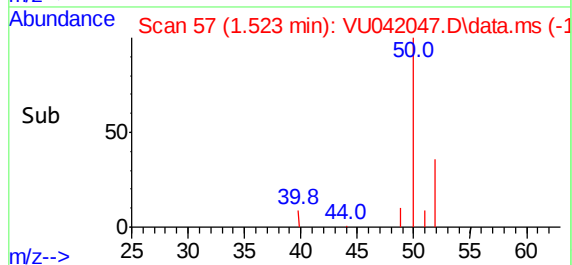
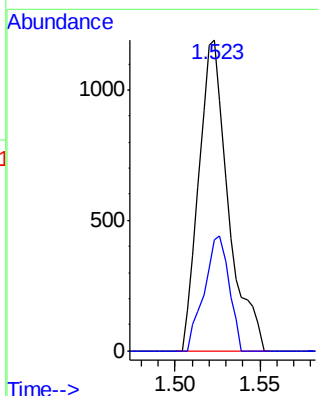
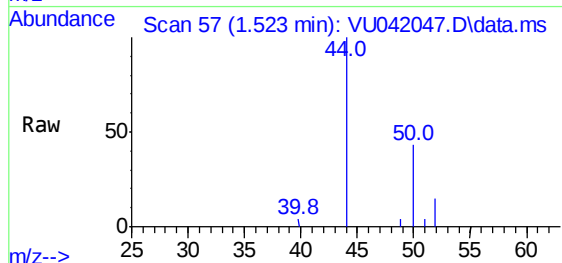




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042047.D
Acq: 14 Jan 2021 21:36

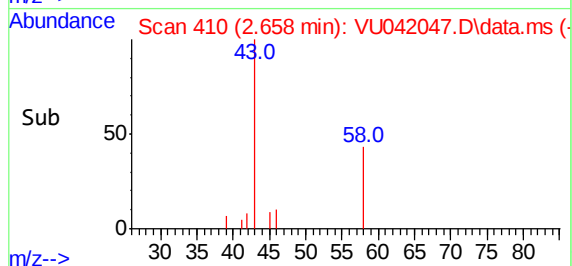
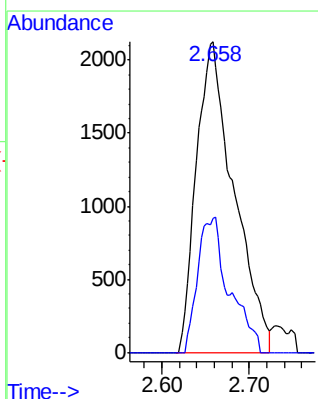
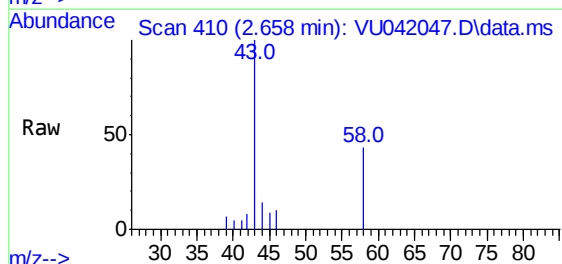
Instrument :
MSVOA_U
ClientSampleId :
F1A17

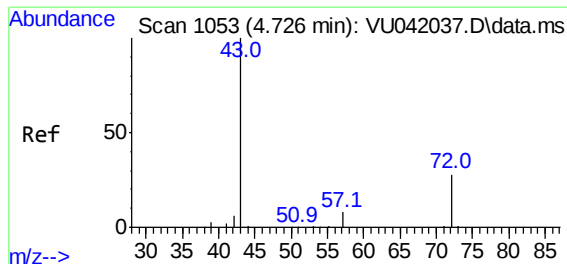
Tgt Ion: 50 Resp: 1433
Ion Ratio Lower Upper
50 100
52 35.6 23.5 43.7



#13
Acetone
Concen: 3.36 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU042047.D
Acq: 14 Jan 2021 21:36

Tgt Ion: 43 Resp: 6319
Ion Ratio Lower Upper
43 100
58 36.9 0.0 57.4

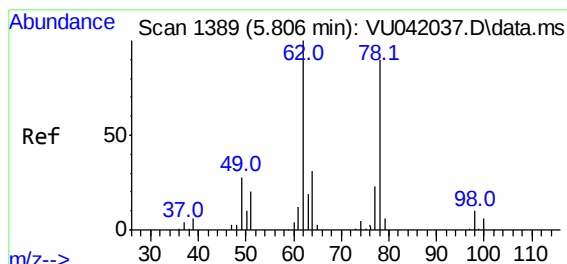
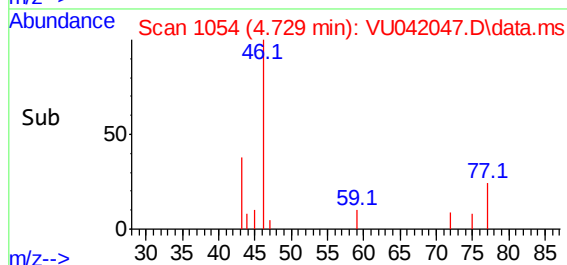
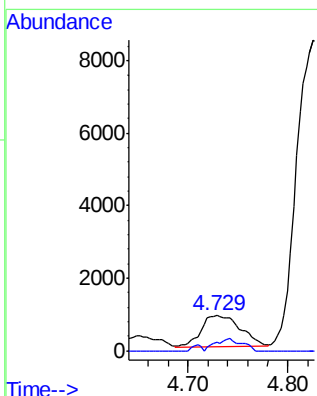
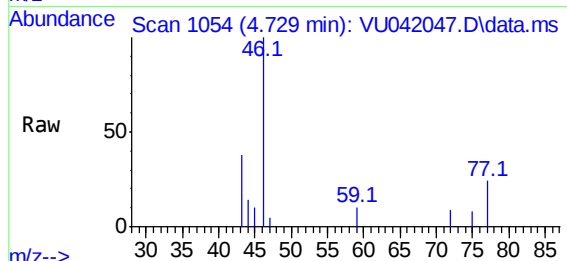




#21
2-Butanone
Concen: 0.78 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU042047.D
Acq: 14 Jan 2021 21:36

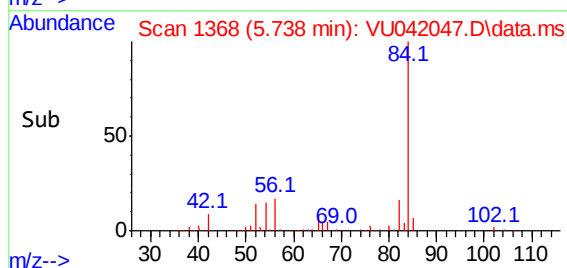
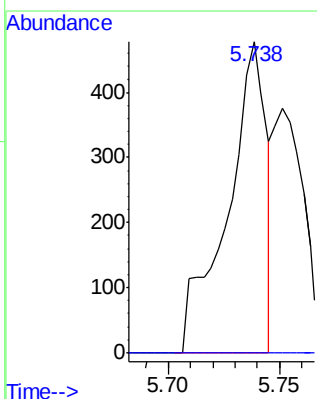
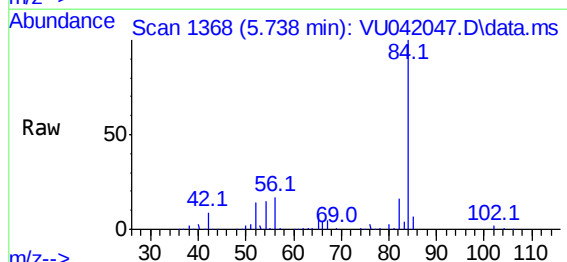
Instrument :
MSVOA_U
ClientSampled :
F1A17

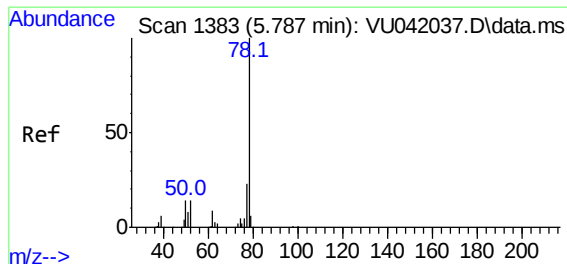
Tgt Ion: 43 Resp: 2353
Ion Ratio Lower Upper
43 100
72 20.3 13.7 41.1



#27
1,2-Dichloroethane
Concen: 0.05 ug/L
RT: 5.738 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU042047.D
Acq: 14 Jan 2021 21:36

Tgt Ion: 62 Resp: 577
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#

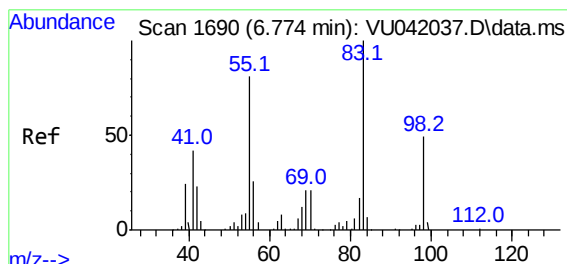
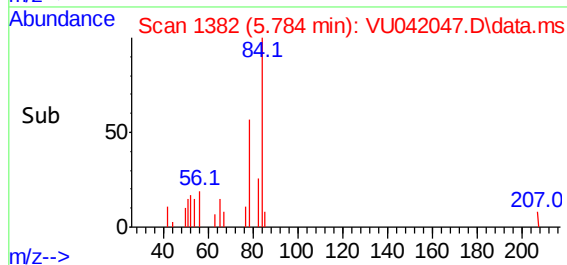
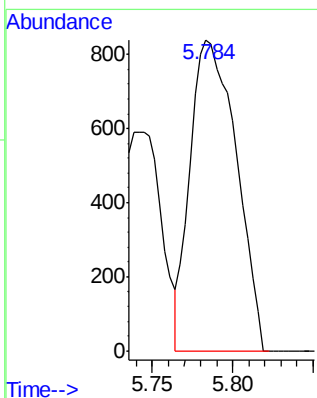
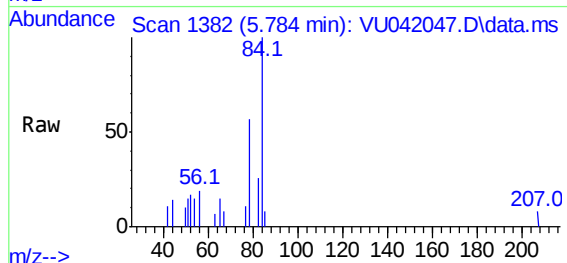




#33
Benzene
Concen: 0.04 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.003 min
Lab File: VU042047.D
Acq: 14 Jan 2021 21:36

Instrument :
MSVOA_U
ClientSampleId :
F1A17

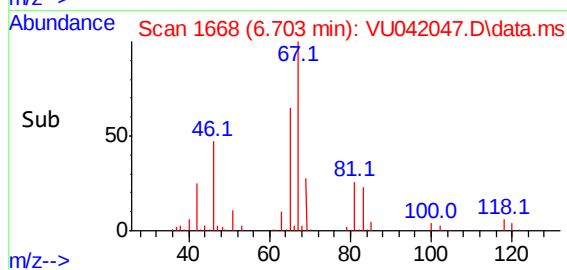
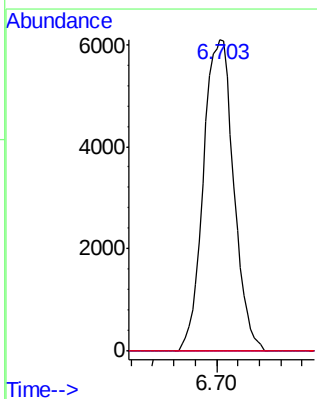
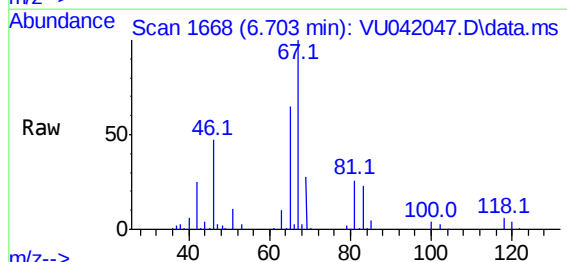
Tgt Ion: 78 Resp: 1651

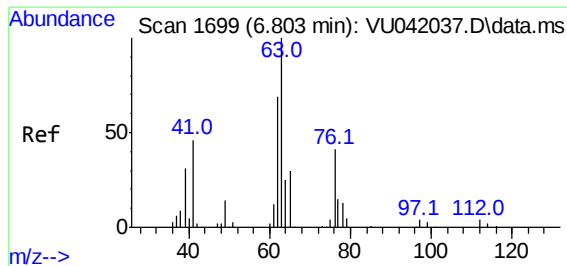


#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU042047.D
Acq: 14 Jan 2021 21:36

Tgt Ion: 83 Resp: 11905

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	1.3	35.7	53.5#

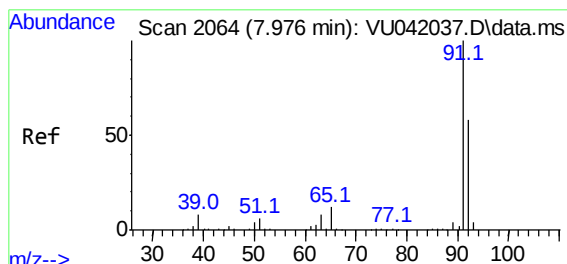
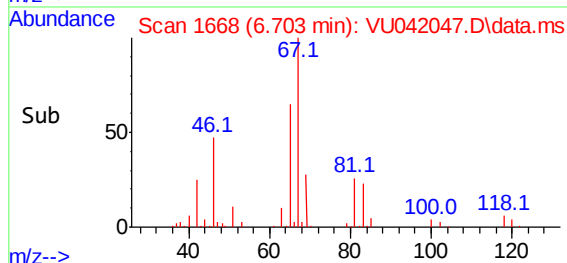
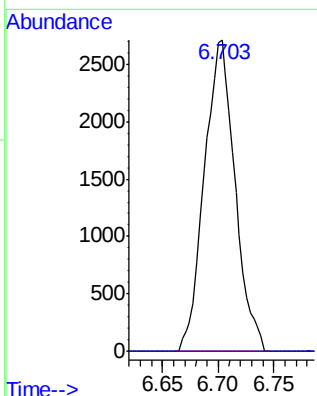
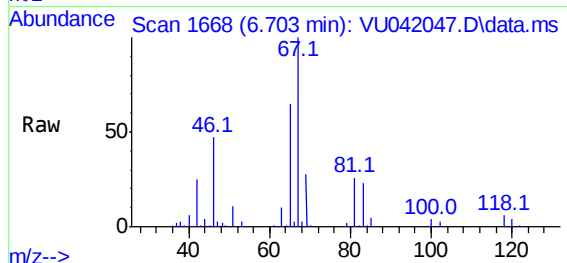




#37
1,2-Dichloropropane
Concen: 0.49 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042047.D
Acq: 14 Jan 2021 21:36

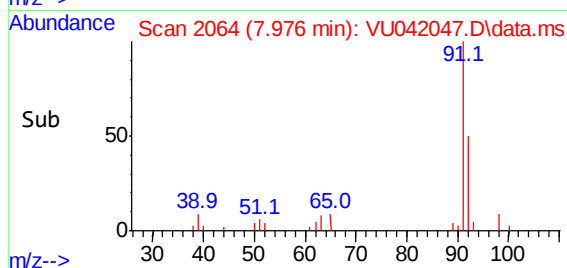
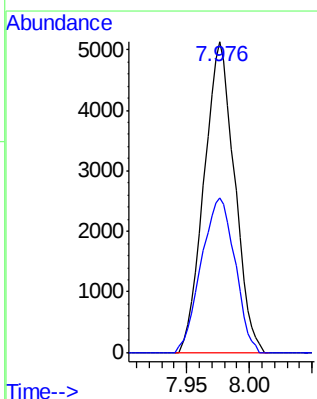
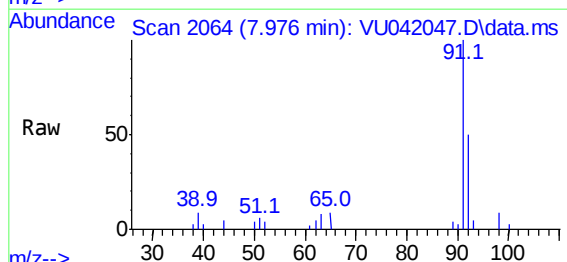
Instrument :
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ClientSampleId :
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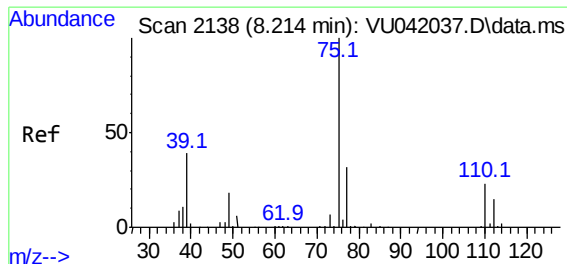
Tgt Ion: 63 Resp: 5210
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#42
Toluene
Concen: 0.20 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042047.D
Acq: 14 Jan 2021 21:36

Tgt Ion: 91 Resp: 8659
Ion Ratio Lower Upper
91 100
92 49.9 40.7 75.7

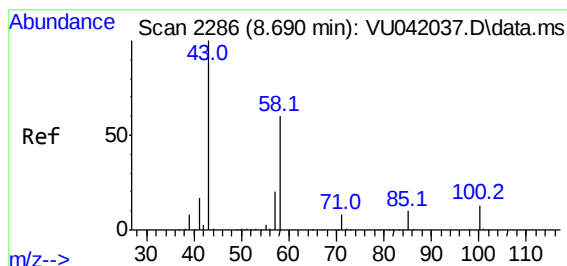
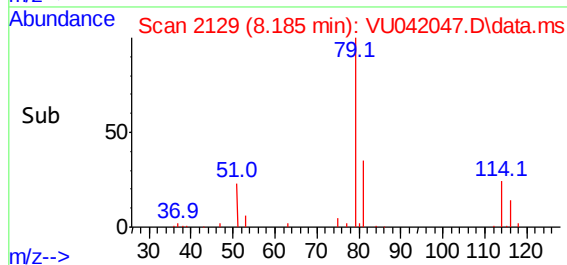
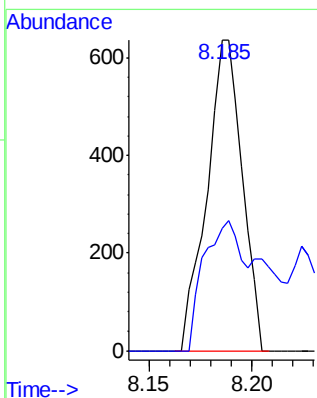
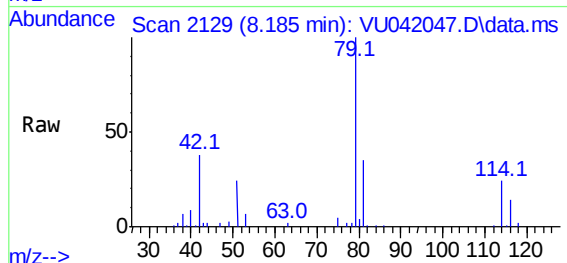




#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042047.D
Acq: 14 Jan 2021 21:36

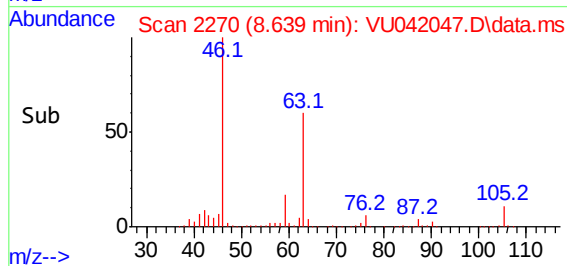
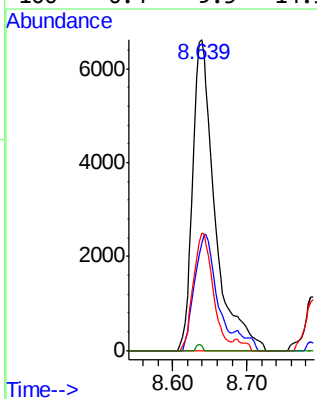
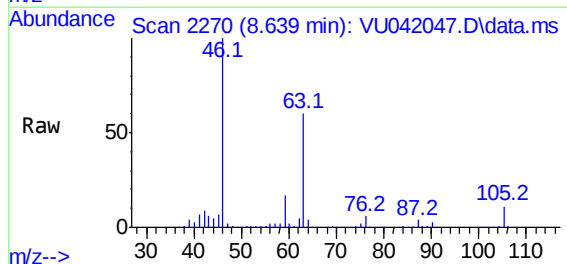
Instrument :
MSVOA_U
ClientSampled :
F1A17

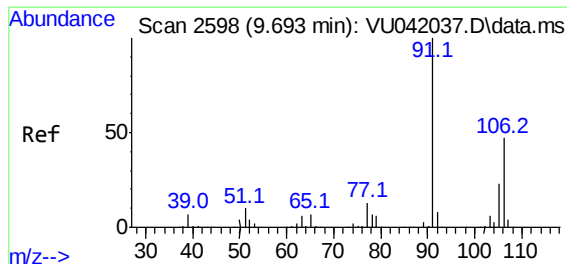
Tgt Ion: 75 Resp: 756
Ion Ratio Lower Upper
75 100
77 39.5 22.0 41.0



#48
2-Hexanone
Concen: 2.75 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.052 min
Lab File: VU042047.D
Acq: 14 Jan 2021 21:36

Tgt Ion: 43 Resp: 13786
Ion Ratio Lower Upper
43 100
58 36.6 47.8 71.8#
57 33.3 17.4 26.0#
100 0.4 9.5 14.3#

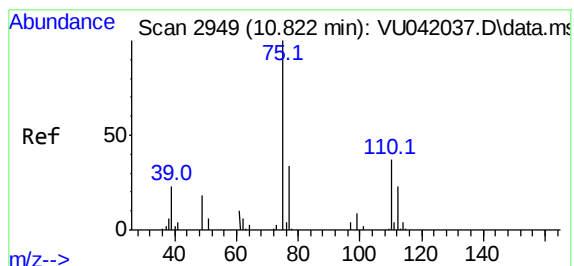
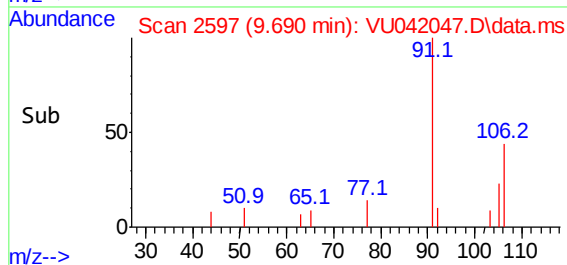
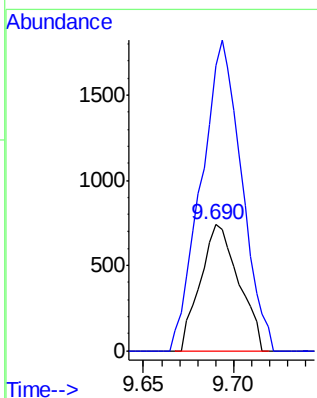
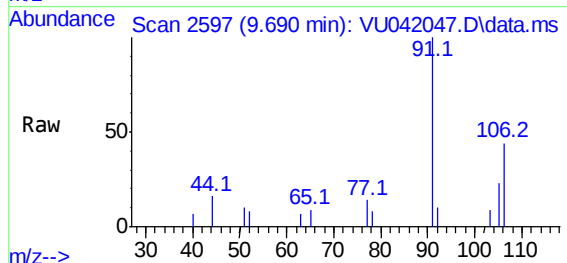




#53
m,p-Xylene
Concen: 0.07 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU042047.D
Acq: 14 Jan 2021 21:36

Instrument :
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ClientSampled :
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Tgt Ion:106 Resp: 1085
Ion Ratio Lower Upper
106 100
91 225.9 145.7 270.5



#59
1,2,3-Trichloropropane
Concen: 0.77 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.984 min
Lab File: VU042047.D
Acq: 14 Jan 2021 21:36

Tgt Ion: 75 Resp: 5421
Ion Ratio Lower Upper
75 100
77 35.1 25.6 38.4

