

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042478.D
 Acq On : 04 Mar 2021 12:37
 Operator : SY/MD
 Sample : M1570-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1G14

Quant Time: Mar 05 00:32:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

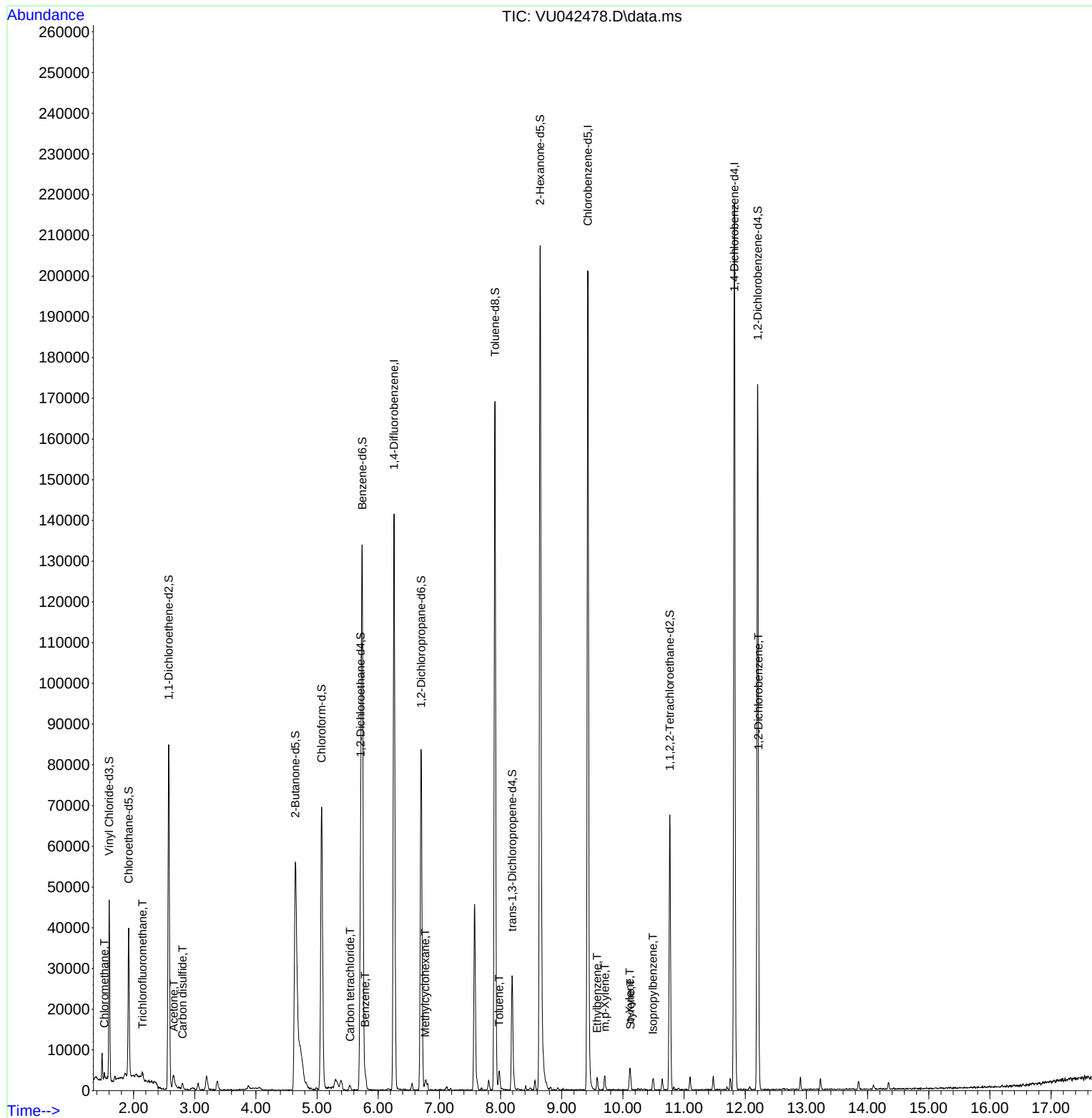
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	107843	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	104815	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	54286	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29686	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.919	69	24282	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.575	63	51707	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.645	46	111068	47.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	5.073	84	60618	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.713	65	40323	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.739	84	110444	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.703	67	36631	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.909	98	107760	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloroprop...	8.189	79	15317	3.96	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	77328	41.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.40%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	31573	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.204	152	42911	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1314	0.14	ug/L	98
9) Trichlorofluoromethane	2.147	101	899	0.06	ug/L	92
13) Acetone	2.658	43	7179	3.95	ug/L	96
14) Carbon disulfide	2.800	76	1580	0.07	ug/L #	93
31) Carbon tetrachloride	5.542	117	906	0.07	ug/L	92
33) Benzene	5.787	78	2610	0.08	ug/L	100
35) Methylcyclohexane	6.767	83	975	0.07	ug/L #	85
42) Toluene	7.976	91	3465	0.10	ug/L	93
52) Ethylbenzene	9.578	91	2719	0.07	ug/L	92
53) m,p-Xylene	9.706	106	1202	0.08	ug/L	92
54) o-Xylene	10.115	106	1017	0.07	ug/L	70
55) Styrene	10.124	104	1389	0.06	ug/L	100
56) Isopropylbenzene	10.491	105	2417	0.06	ug/L #	92
65) 1,2-Dichlorobenzene	12.217	146	1202	0.07	ug/L #	73

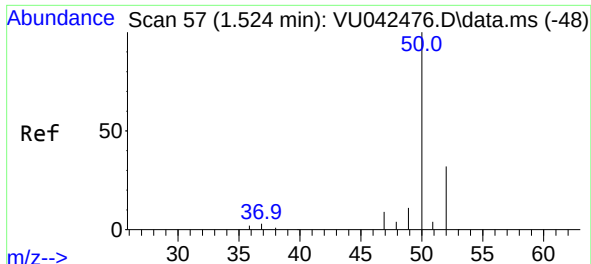
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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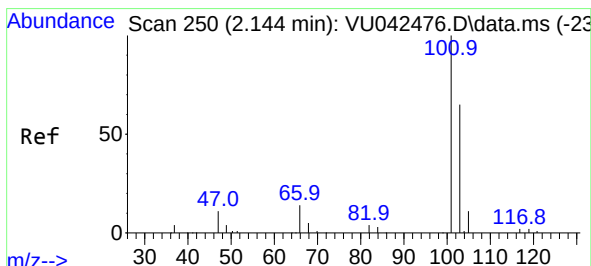
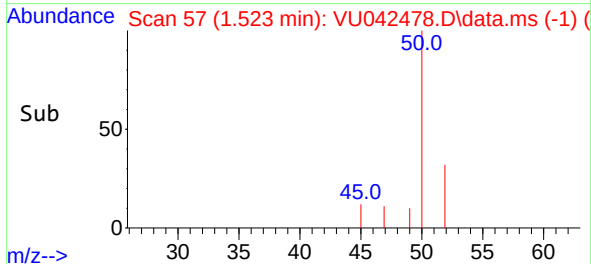
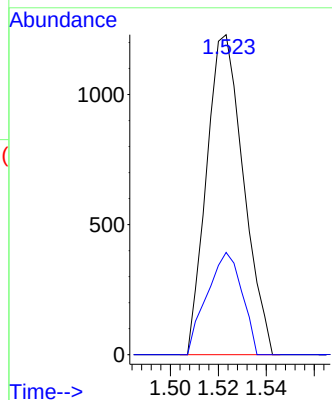
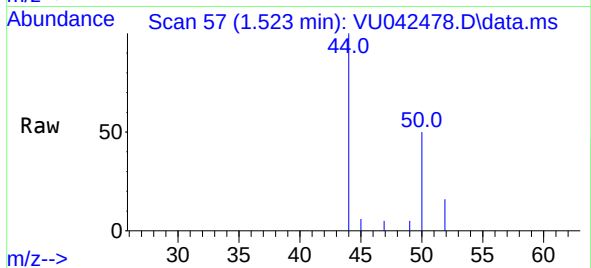




#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042478.D
Acq: 04 Mar 2021 12:37

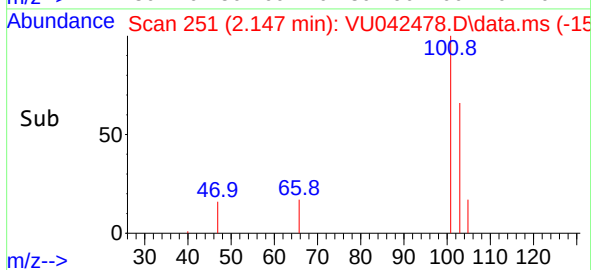
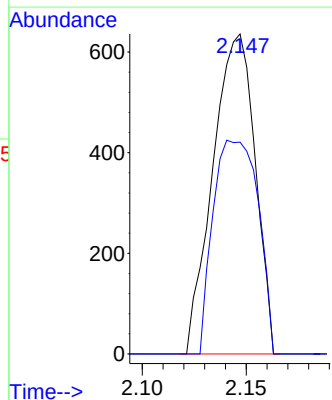
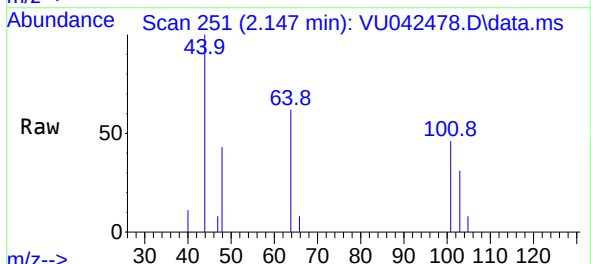
Instrument :
MSVOA_U
ClientSampled :
F1G14

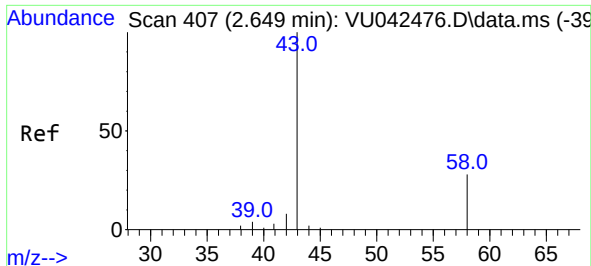
Tgt Ion: 50 Resp: 1314
Ion Ratio Lower Upper
50 100
52 32.0 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.06 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042478.D
Acq: 04 Mar 2021 12:37

Tgt Ion: 101 Resp: 899
Ion Ratio Lower Upper
101 100
103 71.3 51.8 77.8

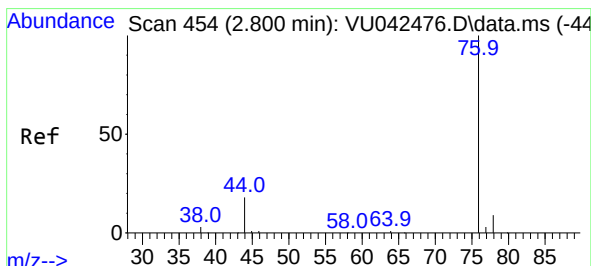
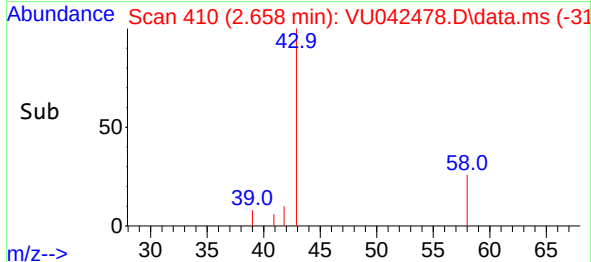
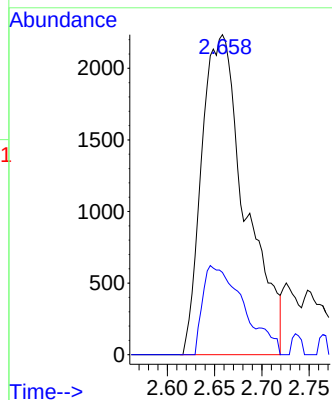
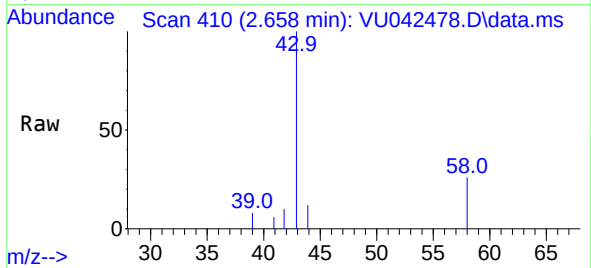




#13
Acetone
Concen: 3.95 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.009 min
Lab File: VU042478.D
Acq: 04 Mar 2021 12:37

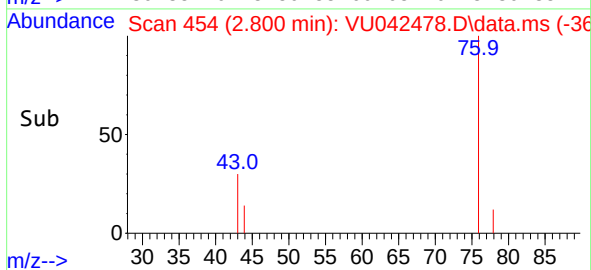
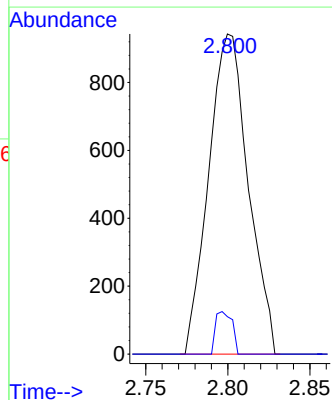
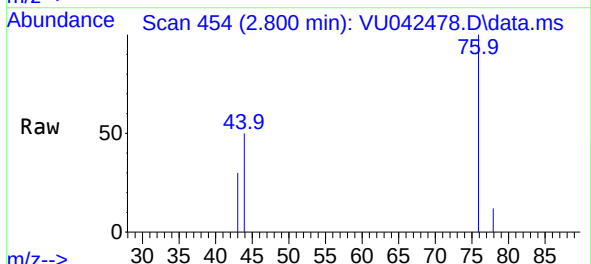
Instrument :
MSVOA_U
ClientSampleId :
F1G14

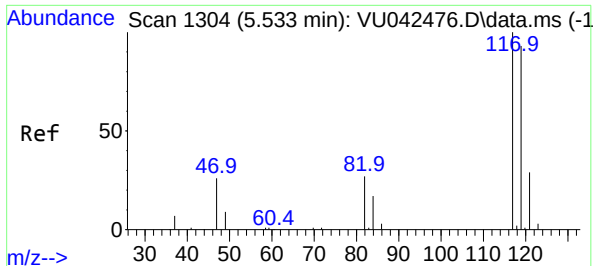
Tgt Ion: 43 Resp: 7179
Ion Ratio Lower Upper
43 100
58 26.0 0.0 55.8



#14
Carbon disulfide
Concen: 0.07 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042478.D
Acq: 04 Mar 2021 12:37

Tgt Ion: 76 Resp: 1580
Ion Ratio Lower Upper
76 100
78 11.7 7.3 10.9#

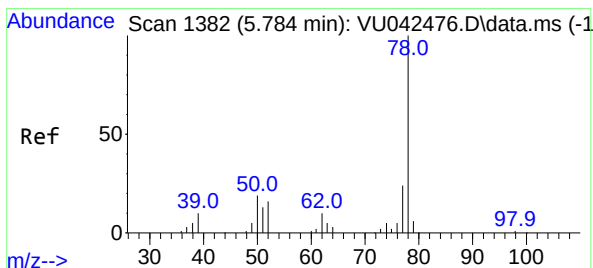
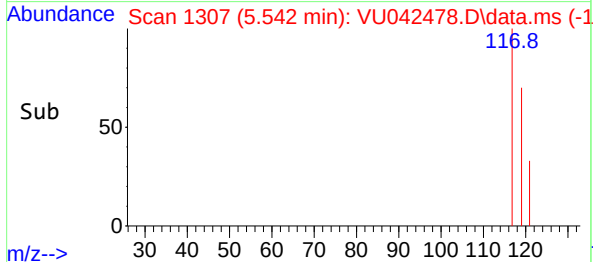
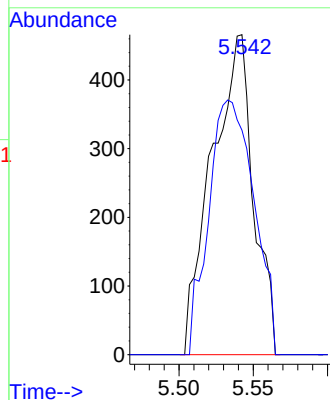
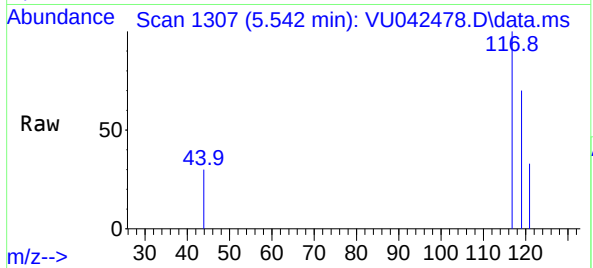




#31
Carbon tetrachloride
Concen: 0.07 ug/L
RT: 5.542 min Scan# 1307
Delta R.T. 0.009 min
Lab File: VU042478.D
Acq: 04 Mar 2021 12:37

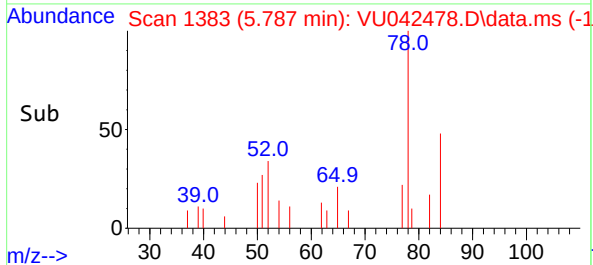
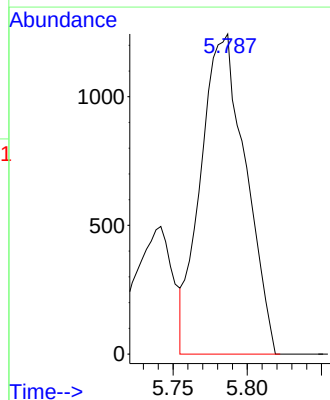
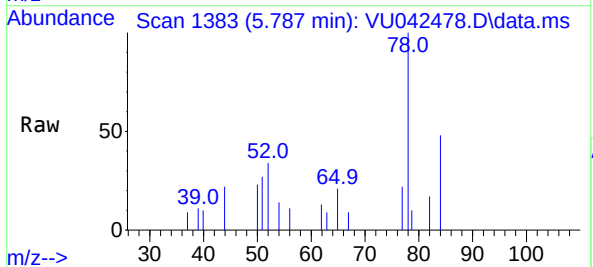
Instrument :
MSVOA_U
ClientSampleId :
F1G14

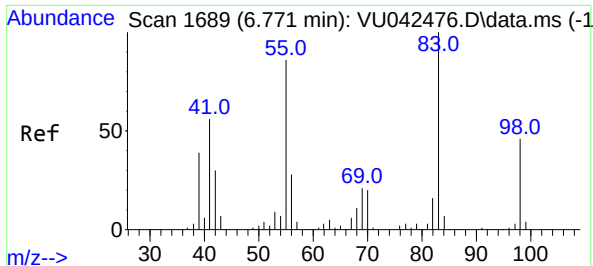
Tgt Ion:117 Resp: 906
Ion Ratio Lower Upper
117 100
119 87.1 76.2 114.4



#33
Benzene
Concen: 0.08 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU042478.D
Acq: 04 Mar 2021 12:37

Tgt Ion: 78 Resp: 2610





#35

Methylcyclohexane

Concen: 0.07 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.004 min

Lab File: VU042478.D

Acq: 04 Mar 2021 12:37

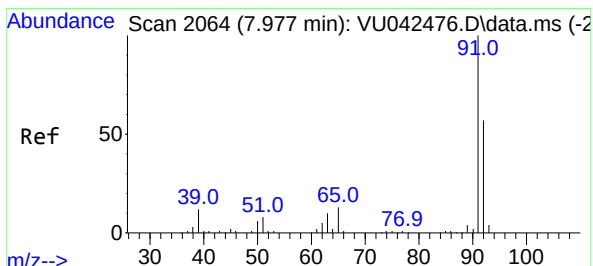
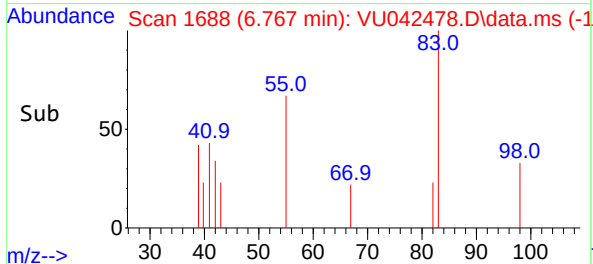
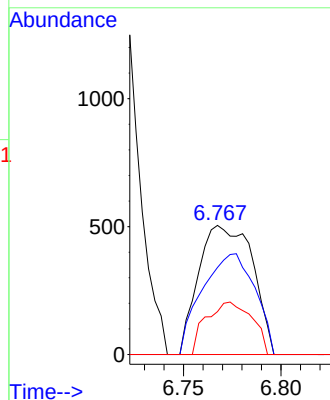
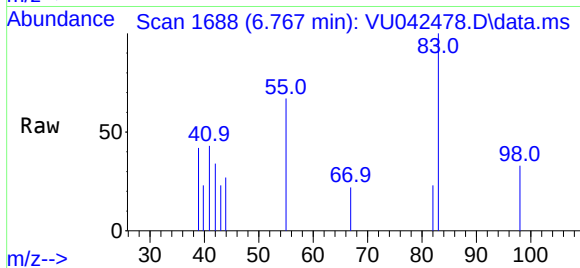
Tgt Ion: 83 Resp: 975

Ion Ratio Lower Upper

83 100

55 76.0 68.2 102.4

98 34.5 39.7 59.5#



#42

Toluene

Concen: 0.10 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU042478.D

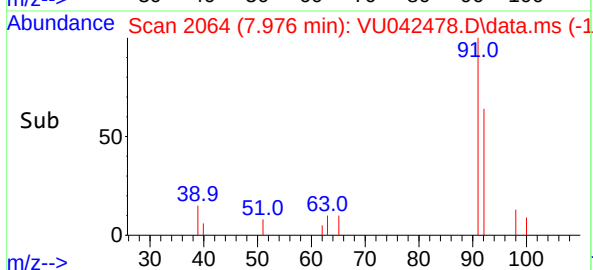
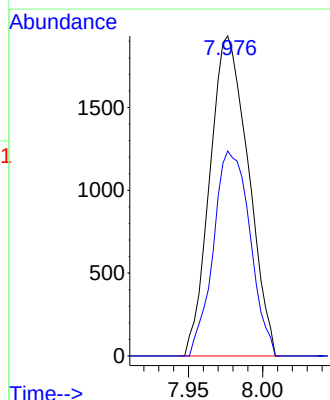
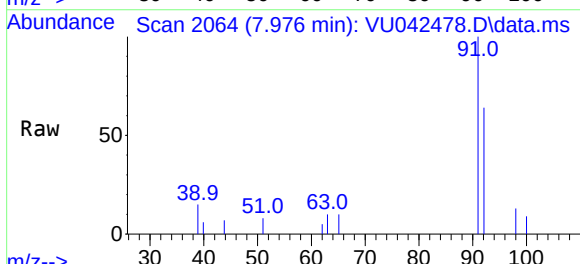
Acq: 04 Mar 2021 12:37

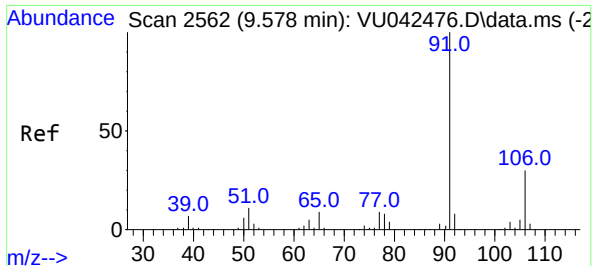
Tgt Ion: 91 Resp: 3465

Ion Ratio Lower Upper

91 100

92 64.0 41.2 76.6

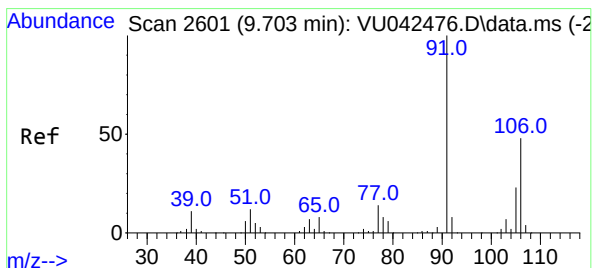
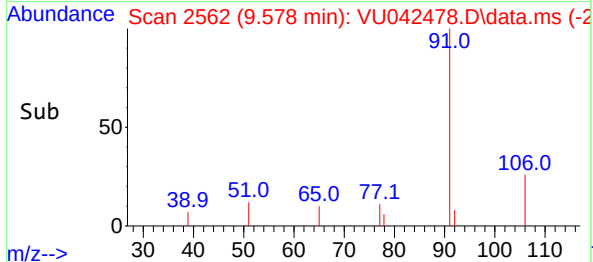
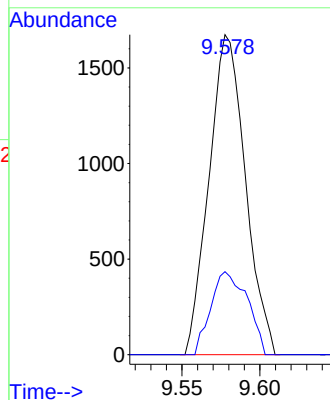
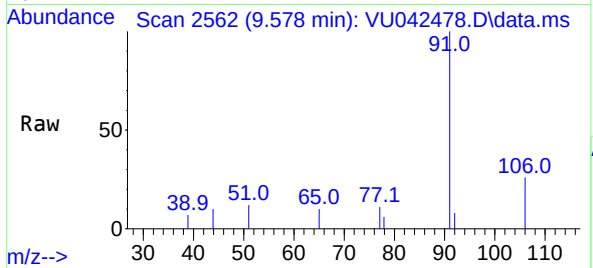




#52
Ethylbenzene
Concen: 0.07 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042478.D
Acq: 04 Mar 2021 12:37

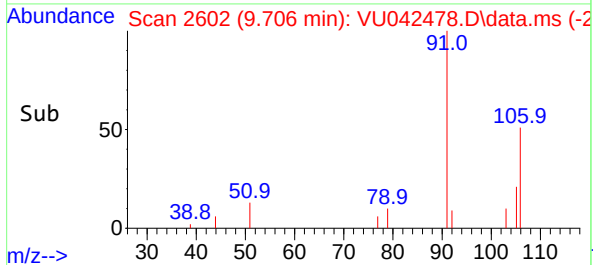
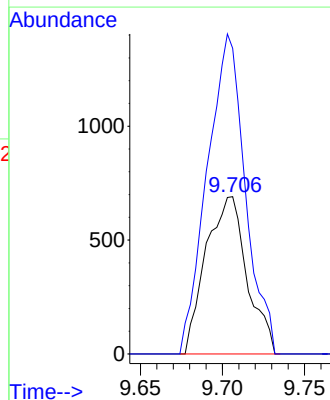
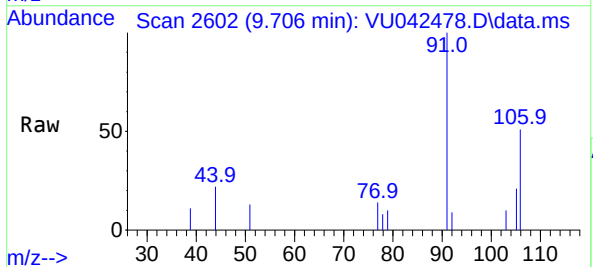
Instrument :
MSVOA_U
ClientSampled :
F1G14

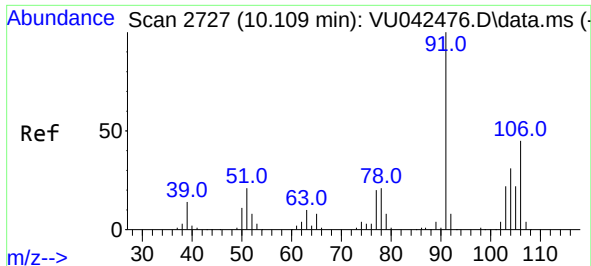
Tgt Ion: 91 Resp: 2719
Ion Ratio Lower Upper
91 100
106 26.0 21.1 39.3



#53
m,p-Xylene
Concen: 0.08 ug/L
RT: 9.706 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VU042478.D
Acq: 04 Mar 2021 12:37

Tgt Ion: 106 Resp: 1202
Ion Ratio Lower Upper
106 100
91 194.2 145.1 269.5

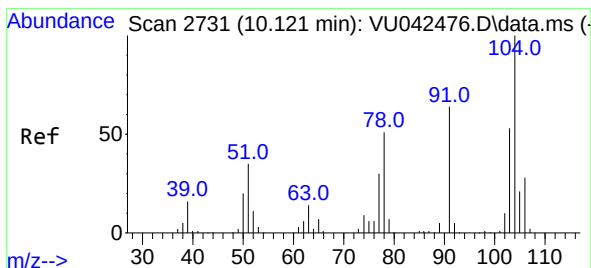
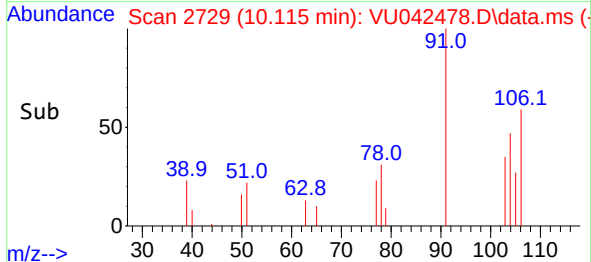
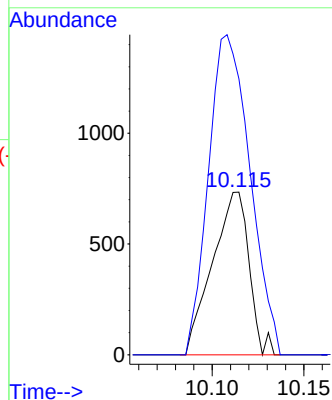
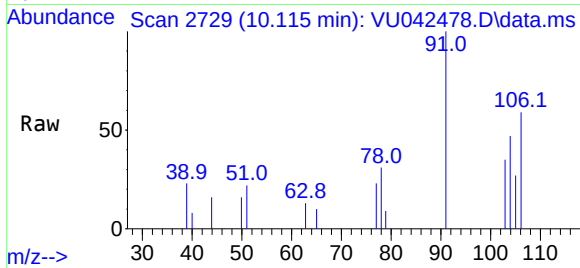




#54
o-Xylene
Concen: 0.07 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.006 min
Lab File: VU042478.D
Acq: 04 Mar 2021 12:37

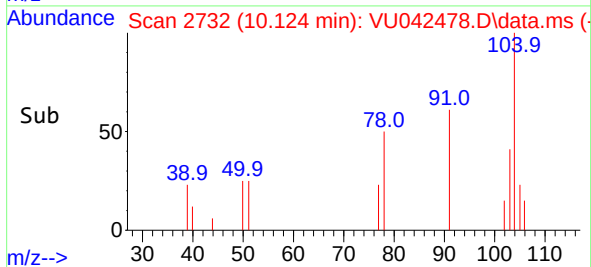
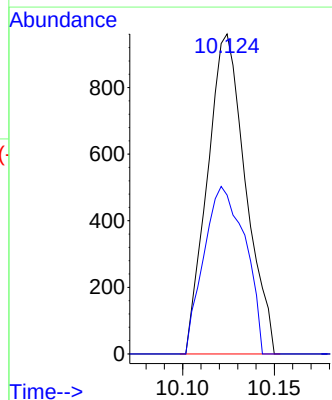
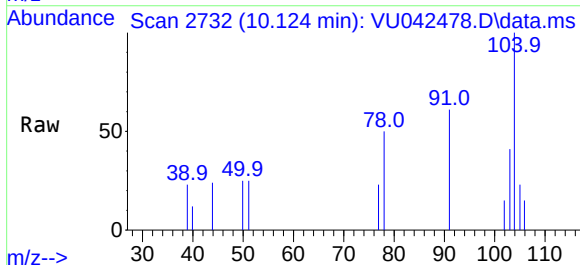
Instrument :
MSVOA_U
ClientSampled :
F1G14

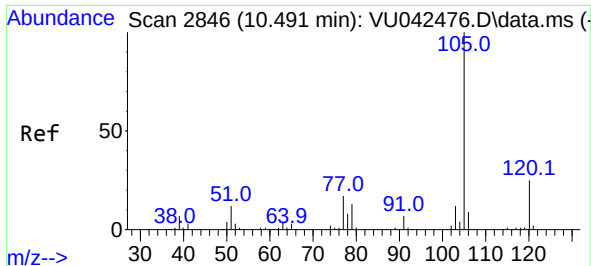
Tgt Ion:106 Resp: 1017
Ion Ratio Lower Upper
106 100
91 169.8 153.0 284.2



#55
Styrene
Concen: 0.06 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042478.D
Acq: 04 Mar 2021 12:37

Tgt Ion:104 Resp: 1389
Ion Ratio Lower Upper
104 100
78 49.6 34.9 64.7



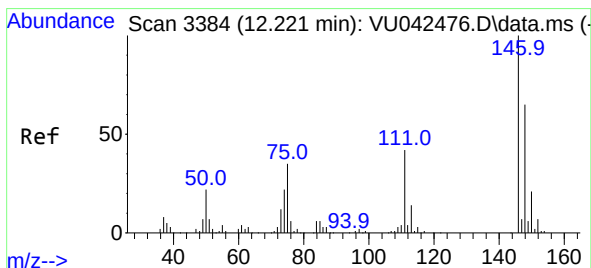
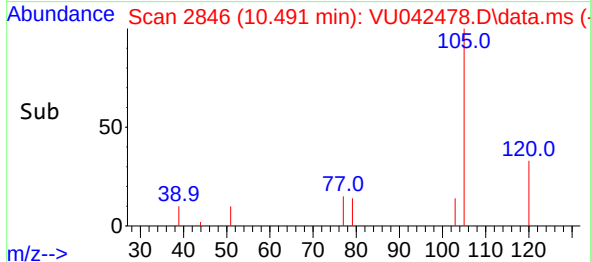
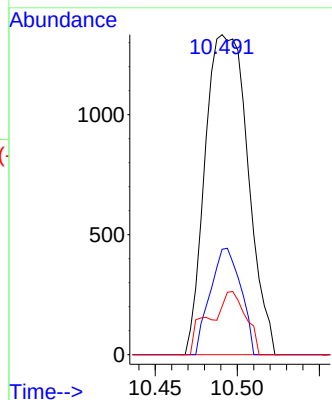
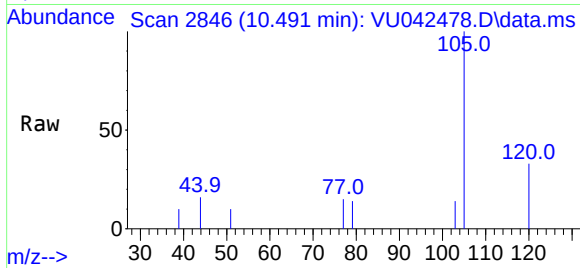


#56
Isopropylbenzene
Concen: 0.06 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042478.D
Acq: 04 Mar 2021 12:37

Instrument :
MSVOA_U
ClientSampleId :
F1G14

Tgt Ion:105 Resp: 2417

Ion	Ratio	Lower	Upper
105	100		
120	23.7	20.8	31.2
77	11.0	13.4	20.0



#65
1,2-Dichlorobenzene
Concen: 0.07 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.004 min
Lab File: VU042478.D
Acq: 04 Mar 2021 12:37

Tgt Ion:146 Resp: 1202

Ion	Ratio	Lower	Upper
146	100		
111	57.4	32.7	49.1
148	85.7	51.7	77.5

