

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042241.D
 Acq On : 03 Feb 2021 18:37
 Operator : SY/MD
 Sample : M1259-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E59

Quant Time: Feb 04 04:25:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 04:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	107554	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	98629	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52452	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19819	2.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.20%
7) Chloroethane-d5	1.919	69	18760	3.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.20%
11) 1,1-Dichloroethene-d2	2.575	63	37099	2.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.60%#
20) 2-Butanone-d5	4.646	46	125551	49.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.18%
24) Chloroform-d	5.073	84	59010	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.713	65	37540	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.739	84	104058	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.700	67	36325	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.906	98	94476	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloroprop...	8.189	79	15463	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.646	63	91327	49.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.62%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32977	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.202	152	43972	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	50758	5.87	ug/L	97
8) Chloroethane	1.942	64	255	0.05	ug/L #	43
13) Acetone	2.659	43	6573	3.90	ug/L	93
25) Chloroform	5.096	83	818	0.06	ug/L	99
27) 1,2-Dichloroethane	5.803	62	612	0.06	ug/L #	75
30) Cyclohexane	5.398	56	14272	1.02	ug/L	95
33) Benzene	5.784	78	803	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	8845	0.67	ug/L #	18
37) 1,2-Dichloropropane	6.700	63	4337	0.57	ug/L #	94
39) cis-1,3-Dichloropropene	7.572	75	1114	0.09	ug/L #	70
42) Toluene	7.977	91	9119	0.29	ug/L	95
44) trans-1,3-Dichloropropene	8.186	75	680	0.06	ug/L #	65
48) 2-Hexanone	8.646	43	12926	2.84	ug/L #	69
49) Dibromochloromethane	8.555	129	369	0.05	ug/L #	12
52) Ethylbenzene	9.578	91	9674	0.27	ug/L	95
53) m,p-Xylene	9.700	106	18018	1.34	ug/L	91
54) o-Xylene	10.108	106	13802	1.06	ug/L	87
56) Isopropylbenzene	10.491	105	967	0.03	ug/L #	77
59) 1,2,3-Trichloropropane	11.819	75	6210	1.15	ug/L	96

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 04 04:20:04 2021
Response via : Initial Calibration

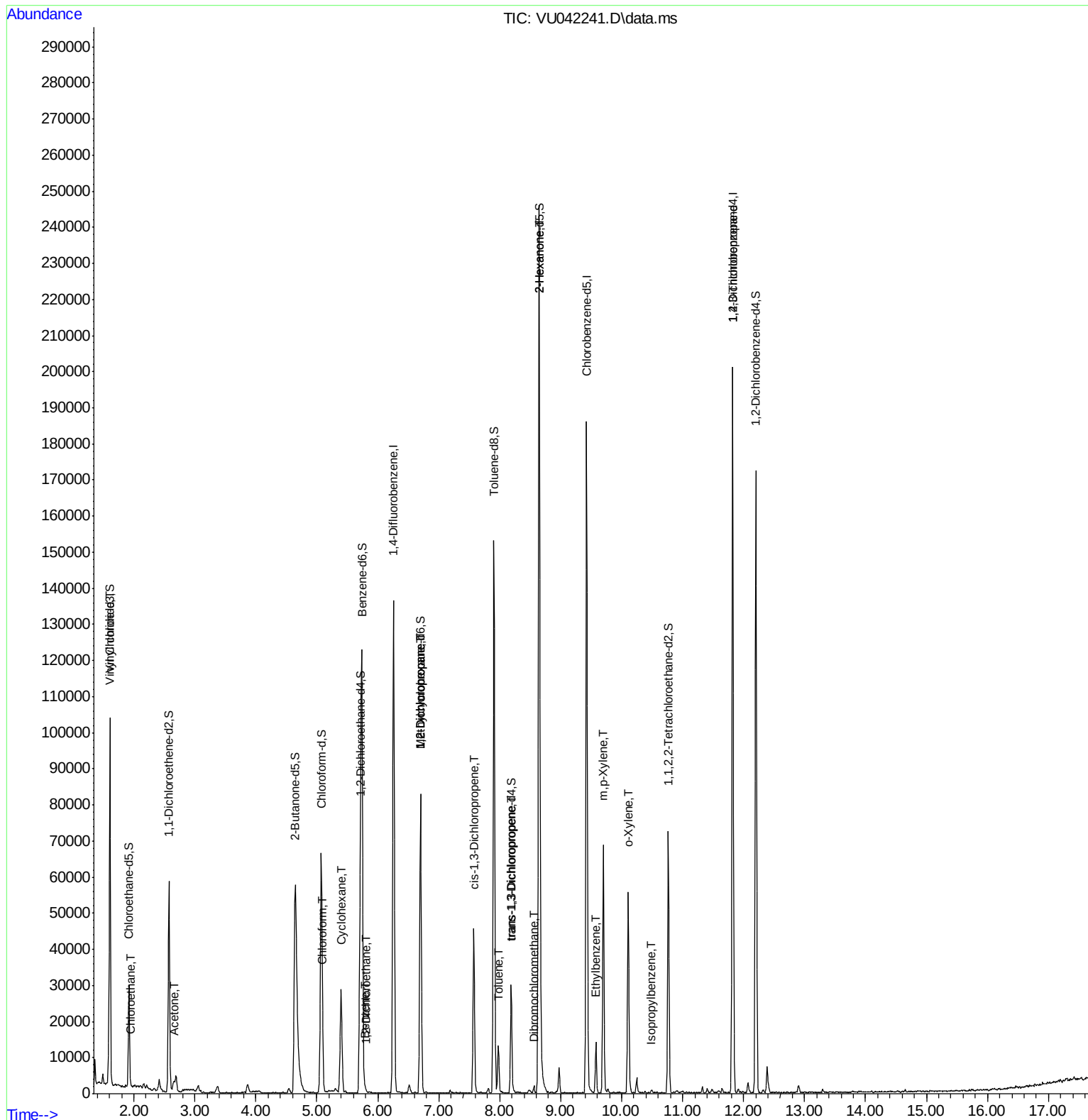
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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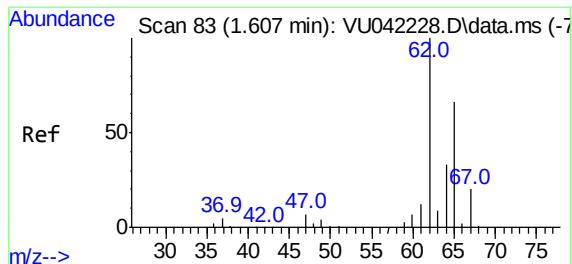
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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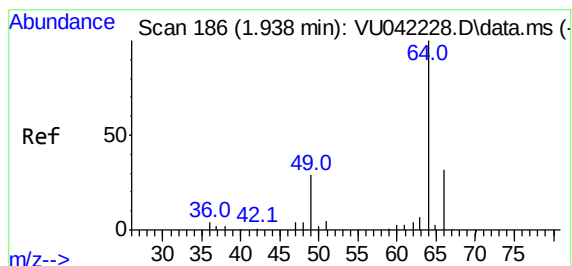
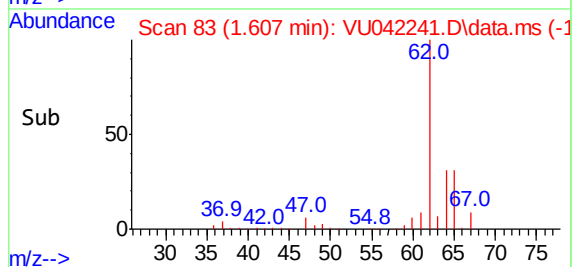
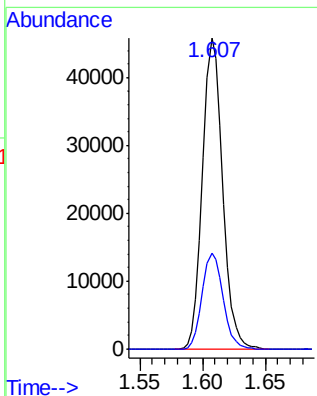
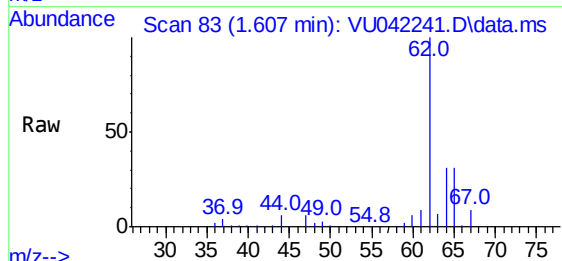




#5
 Vinyl chloride
 Concen: 5.87 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042241.D
 Acq: 03 Feb 2021 18:37

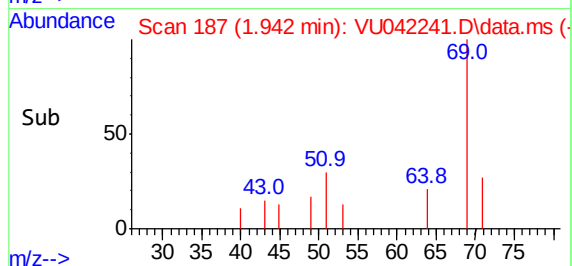
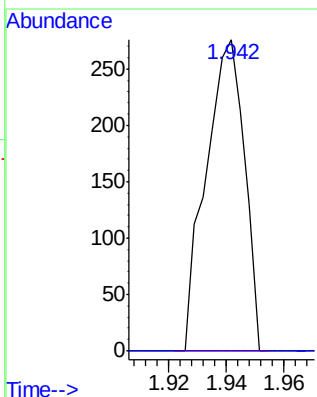
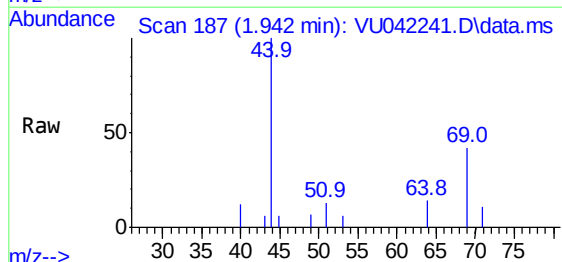
Instrument :
 MSVOA_U
 ClientSampled :
 F1E59

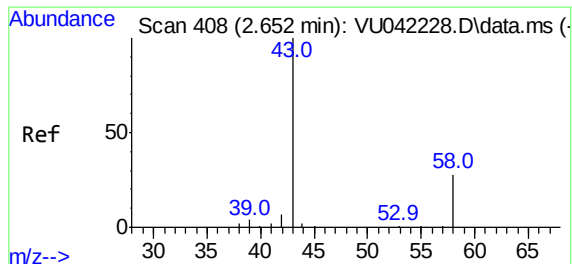
Tgt Ion: 62 Resp: 50758
 Ion Ratio Lower Upper
 62 100
 64 30.7 22.7 42.1



#8
 Chloroethane
 Concen: 0.05 ug/L
 RT: 1.942 min Scan# 187
 Delta R.T. 0.004 min
 Lab File: VU042241.D
 Acq: 03 Feb 2021 18:37

Tgt Ion: 64 Resp: 255
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.2 41.2#

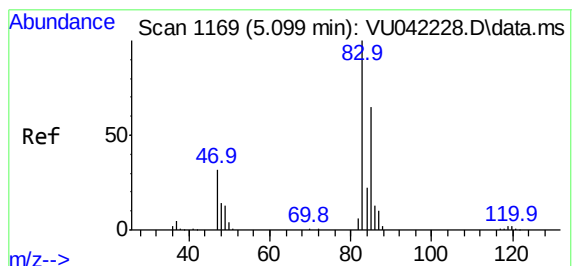
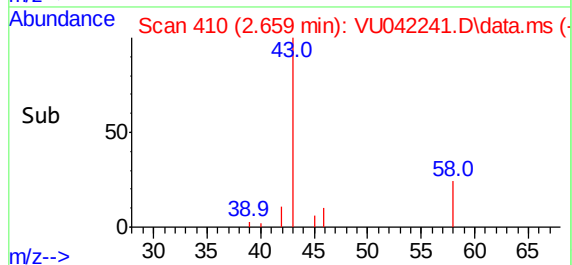
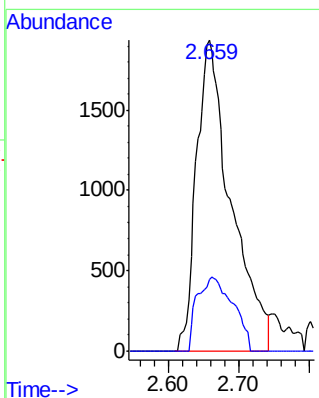
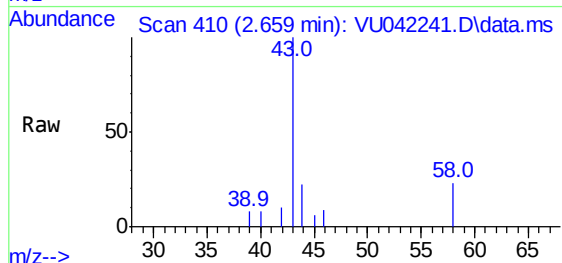




#13
Acetone
Concen: 3.90 ug/L
RT: 2.659 min Scan# 410
Delta R.T. 0.007 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

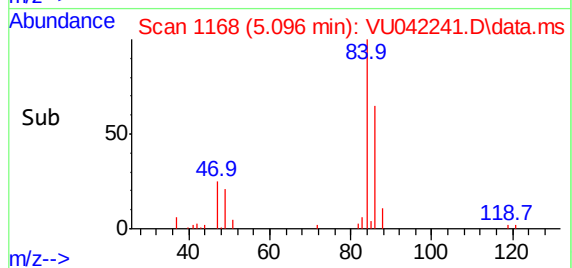
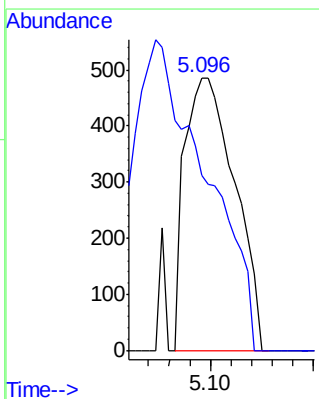
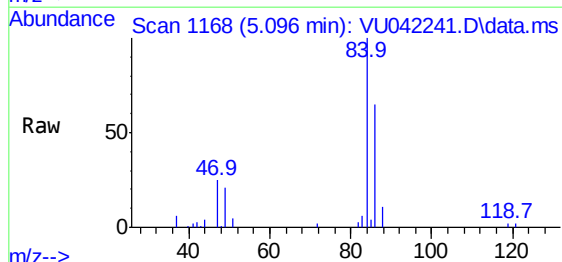
Instrument :
MSVOA_U
ClientSampled :
F1E59

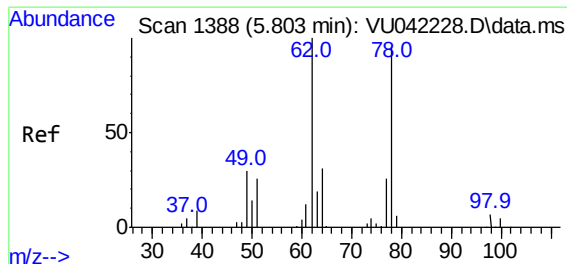
Tgt Ion: 43 Resp: 6573
Ion Ratio Lower Upper
43 100
58 24.5 0.0 55.8



#25
Chloroform
Concen: 0.06 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

Tgt Ion: 83 Resp: 818
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9

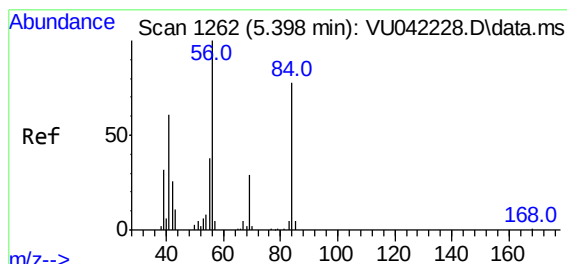
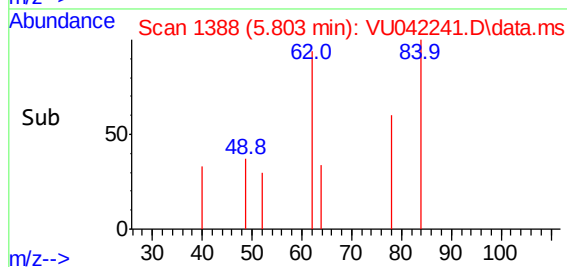
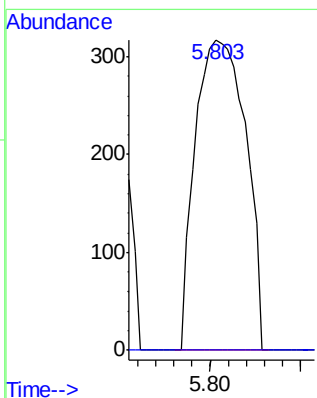
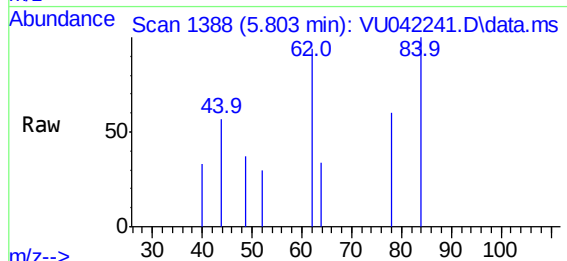




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

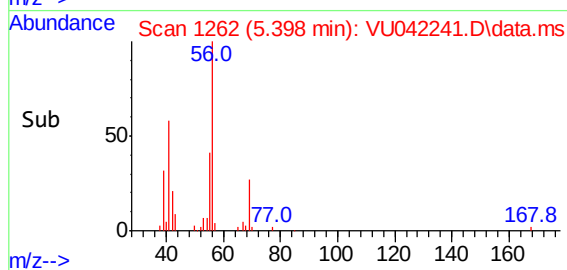
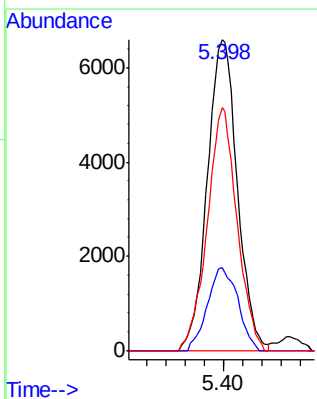
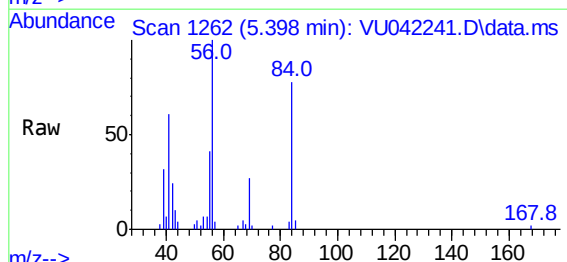
Instrument :
MSVOA_U
ClientSampleId :
F1E59

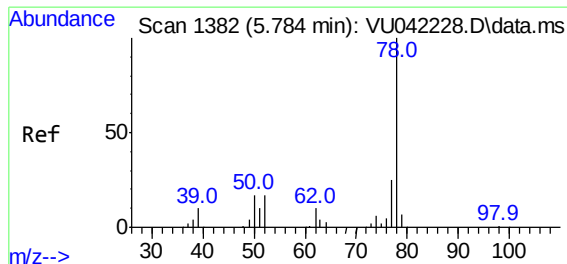
Tgt Ion: 62 Resp: 612
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#30
Cyclohexane
Concen: 1.02 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

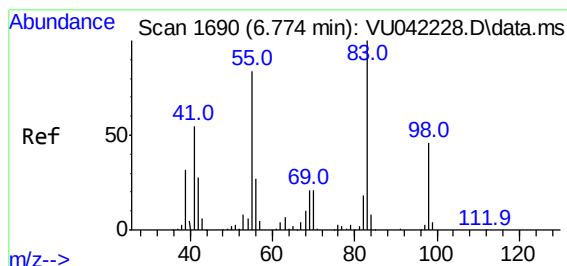
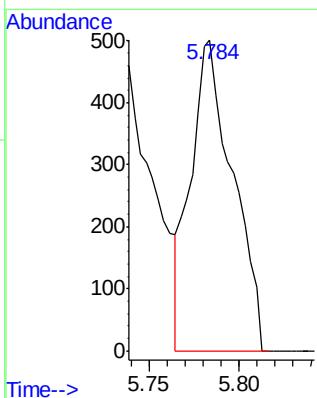
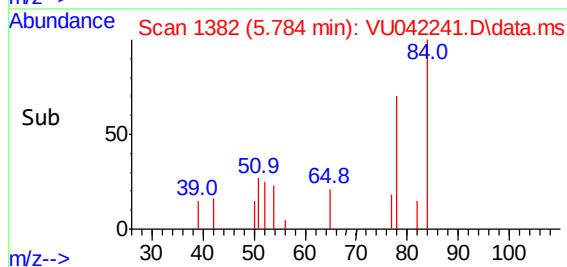
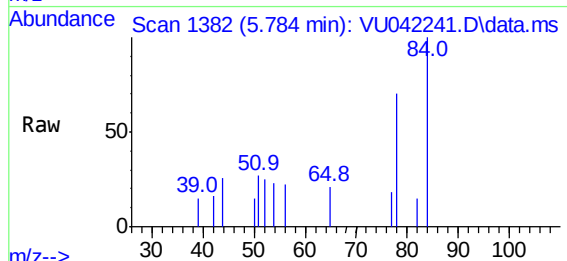
Tgt Ion: 56 Resp: 14272
Ion Ratio Lower Upper
56 100
69 26.8 23.7 35.5
84 77.0 65.3 97.9





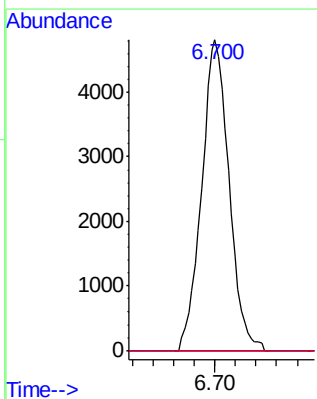
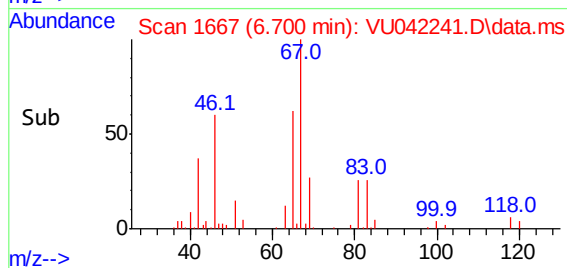
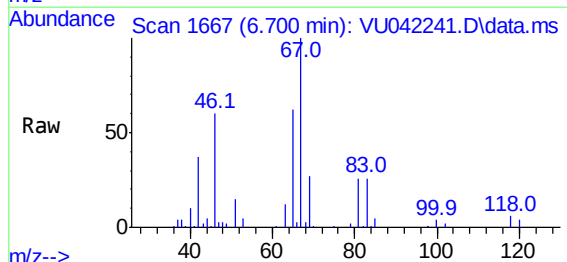
#33
Benzene
Concen: 0.03 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37
Tgt Ion: 78 Resp: 803

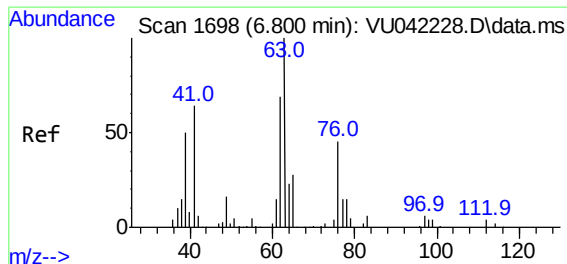
Instrument :
MSVOA_U
ClientSampleId :
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#35
Methylcyclohexane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37
Tgt Ion: 83 Resp: 8845

Ion	Ratio	Lower	Upper
83	100		
55	5.5	68.2	102.4#
98	0.0	39.7	59.5#

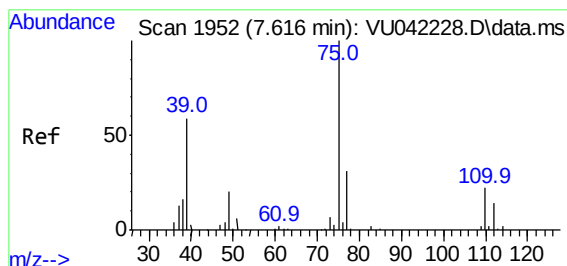
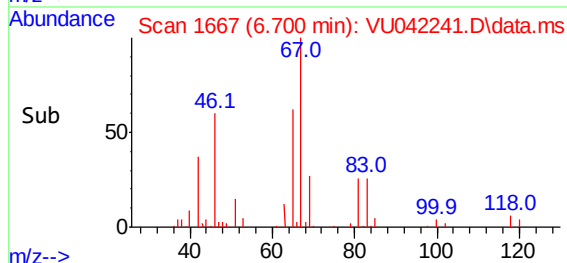
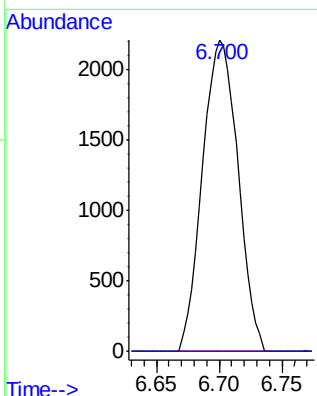
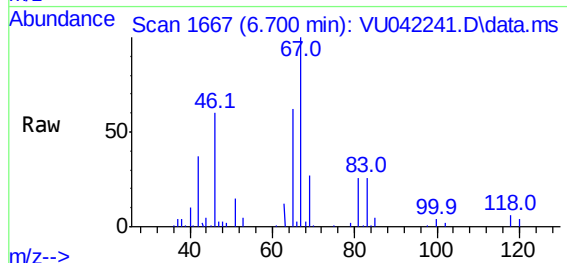




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

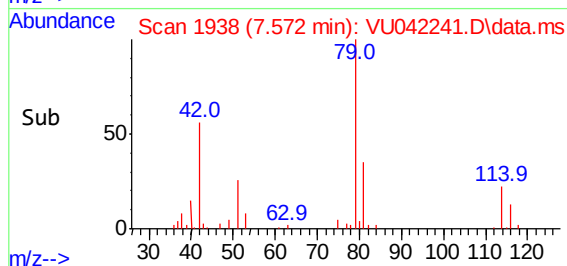
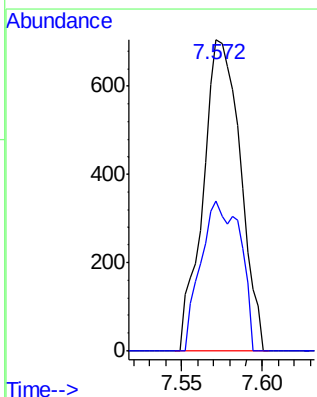
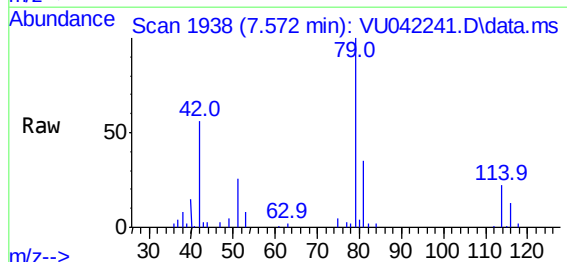
Instrument :
MSVOA_U
ClientSampled :
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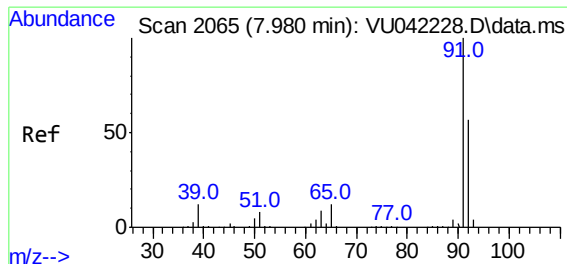
Tgt Ion: 63 Resp: 4337
Ion Ratio Lower Upper
63 100
112 2.4 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.572 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

Tgt Ion: 75 Resp: 1114
Ion Ratio Lower Upper
75 100
77 48.0 22.0 40.8#

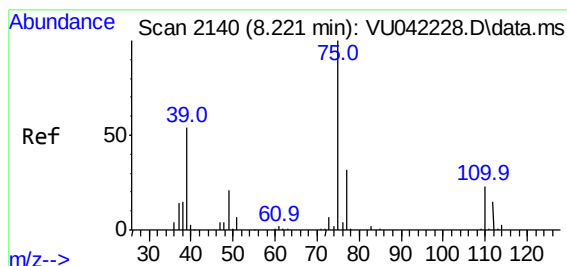
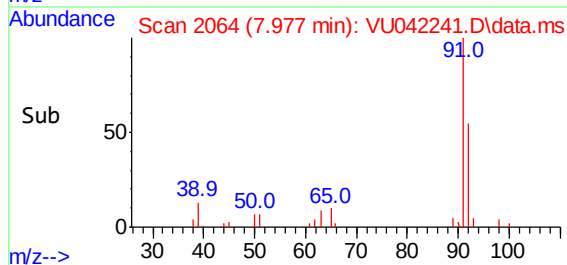
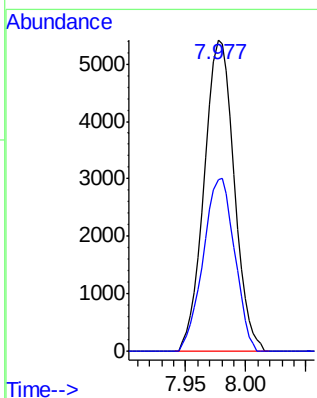
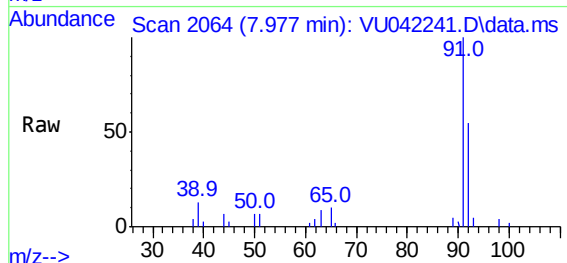




#42
Toluene
Concen: 0.29 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

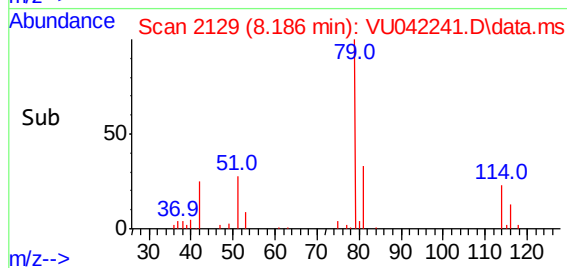
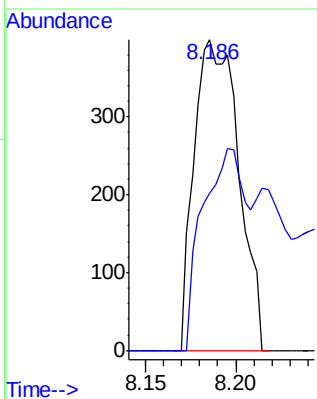
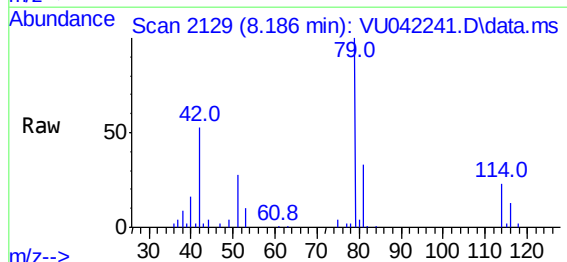
Instrument :
MSVOA_U
ClientSampleId :
F1E59

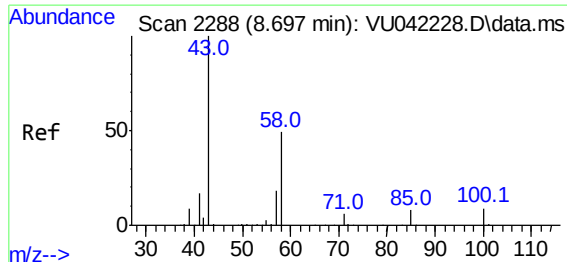
Tgt Ion: 91 Resp: 9119
Ion Ratio Lower Upper
91 100
92 54.9 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

Tgt Ion: 75 Resp: 680
Ion Ratio Lower Upper
75 100
77 50.6 21.8 40.4#

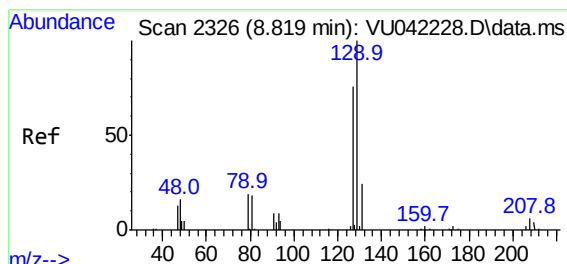
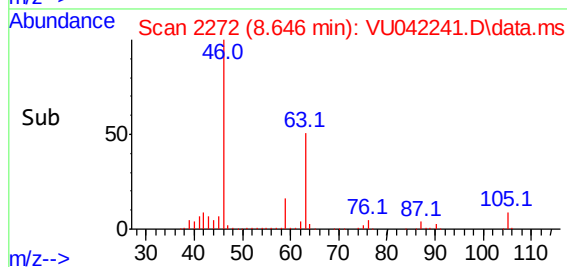
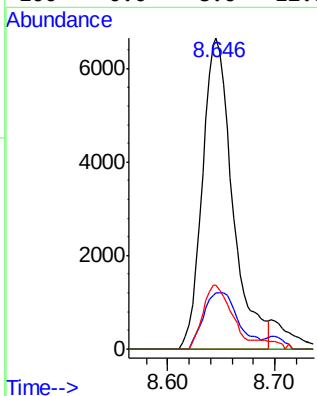
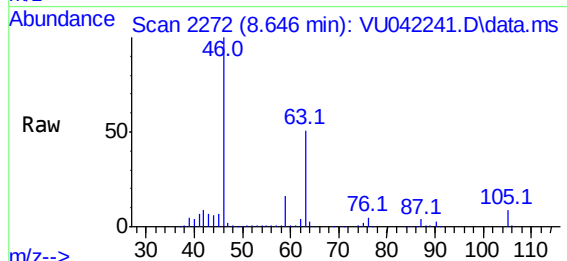




#48
2-Hexanone
Concen: 2.84 ug/L
RT: 8.646 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

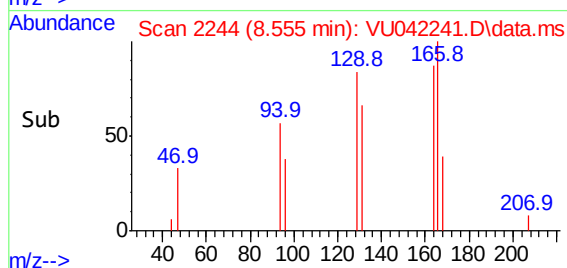
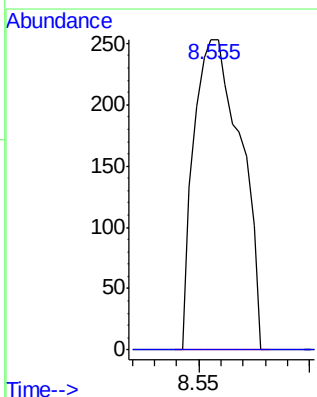
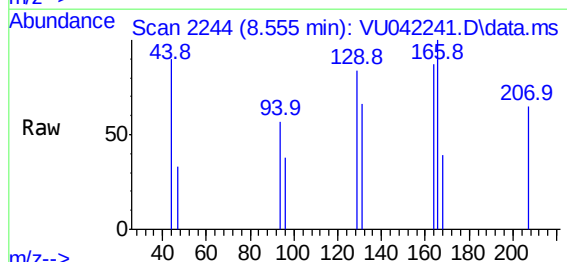
Instrument :
MSVOA_U
ClientSampleId :
F1E59

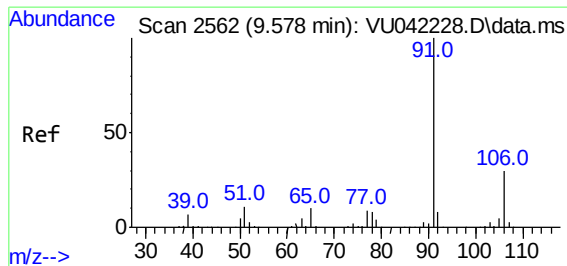
Tgt Ion: 43 Resp: 12926
Ion Ratio Lower Upper
43 100
58 21.0 40.6 61.0#
57 19.4 14.9 22.3
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 0.05 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.263 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

Tgt Ion: 129 Resp: 369
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#

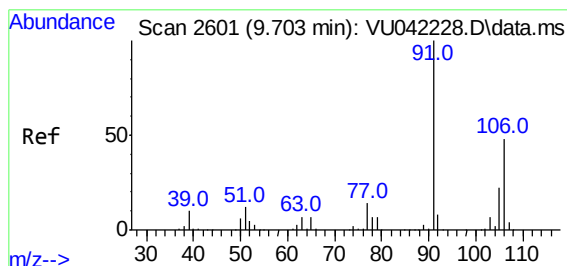
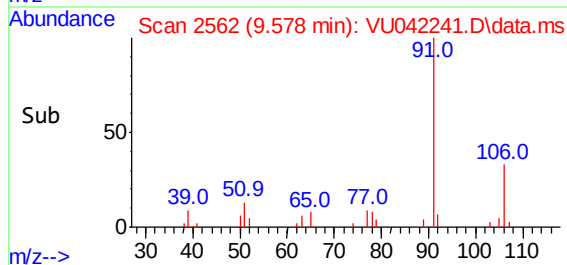
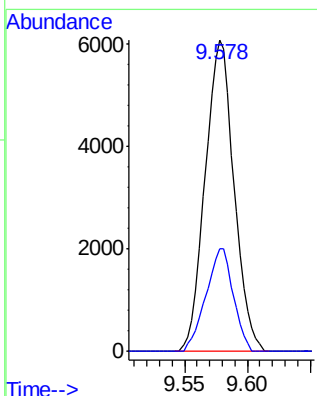
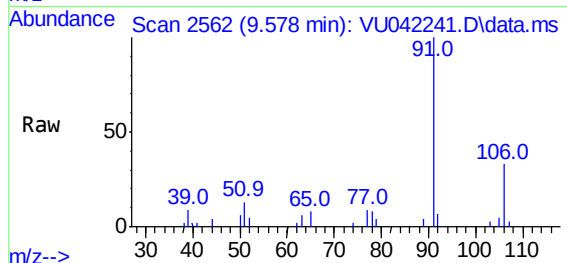




#52
Ethylbenzene
Concen: 0.27 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

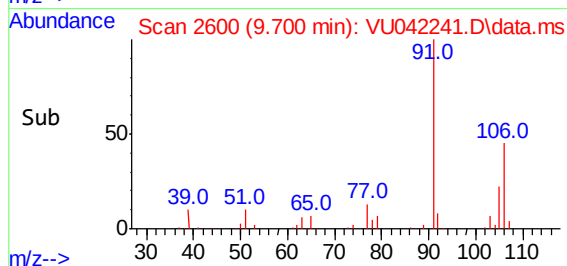
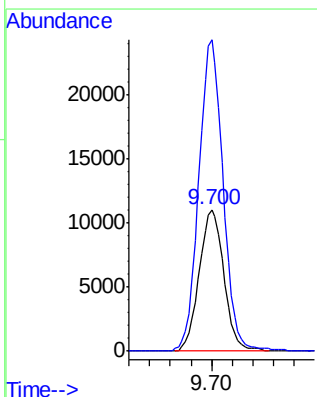
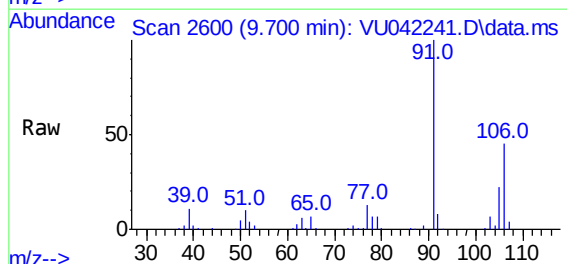
Instrument :
MSVOA_U
ClientSampled :
F1E59

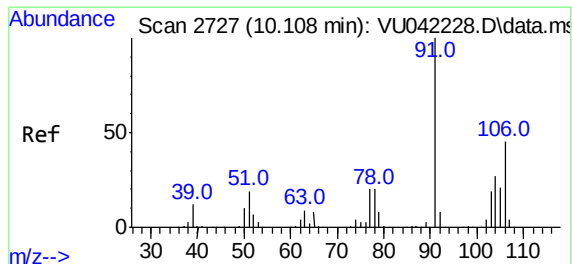
Tgt Ion: 91 Resp: 9674
Ion Ratio Lower Upper
91 100
106 32.8 21.1 39.3



#53
m,p-Xylene
Concen: 1.34 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

Tgt Ion: 106 Resp: 18018
Ion Ratio Lower Upper
106 100
91 220.9 145.1 269.5

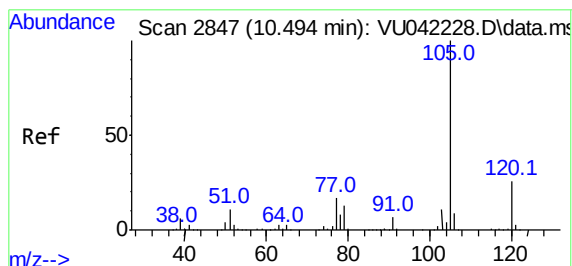
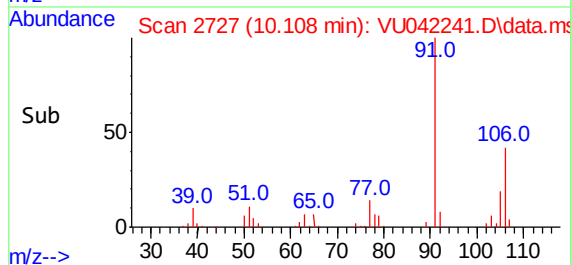
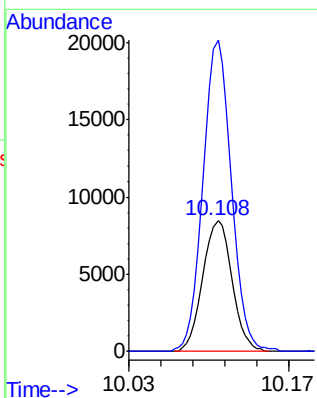
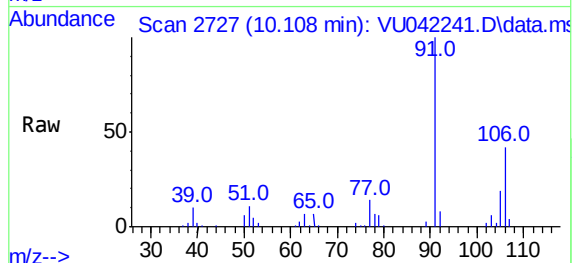




#54
o-Xylene
Concen: 1.06 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

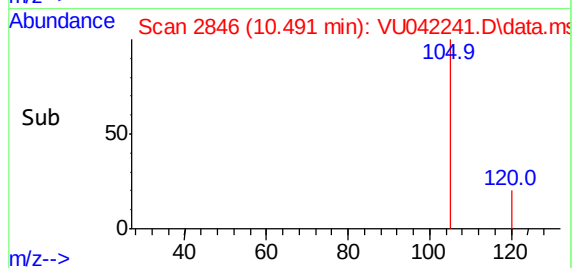
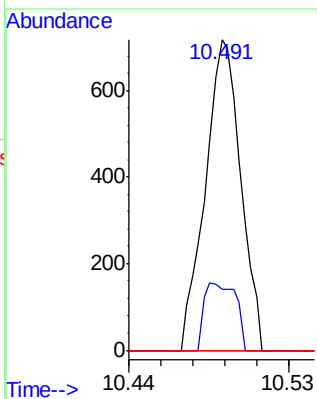
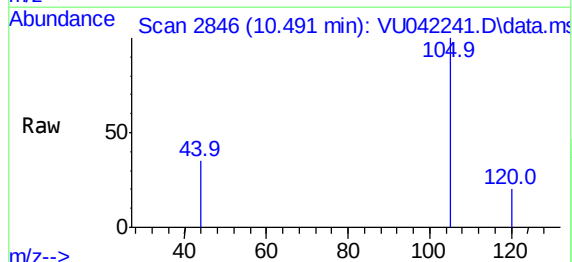
Instrument :
MSVOA_U
ClientSampled :
F1E59

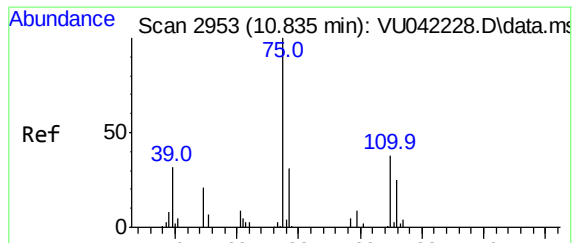
Tgt Ion:106 Resp: 13802
Ion Ratio Lower Upper
106 100
91 239.5 153.0 284.2



#56
Isopropylbenzene
Concen: 0.03 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

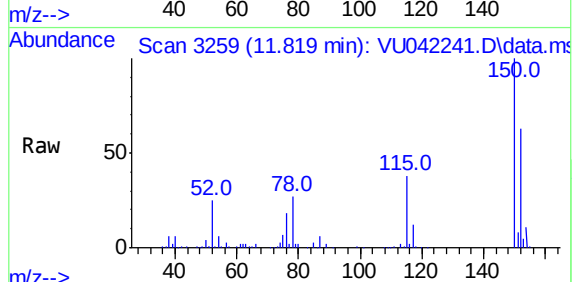
Tgt Ion:105 Resp: 967
Ion Ratio Lower Upper
105 100
120 19.2 20.8 31.2#
77 0.0 13.4 20.0#





#59
1,2,3-Trichloropropane
Concen: 1.15 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.984 min
Lab File: VU042241.D
Acq: 03 Feb 2021 18:37

Instrument :
MSVOA_U
ClientSampleId :
F1E59



Tgt Ion: 75 Resp: 6210
Ion Ratio Lower Upper
75 100
77 34.8 26.0 39.0

