

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042245.D
 Acq On : 03 Feb 2021 20:14
 Operator : SY/MD
 Sample : M1259-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E63

Quant Time: Feb 04 04:27:29 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)

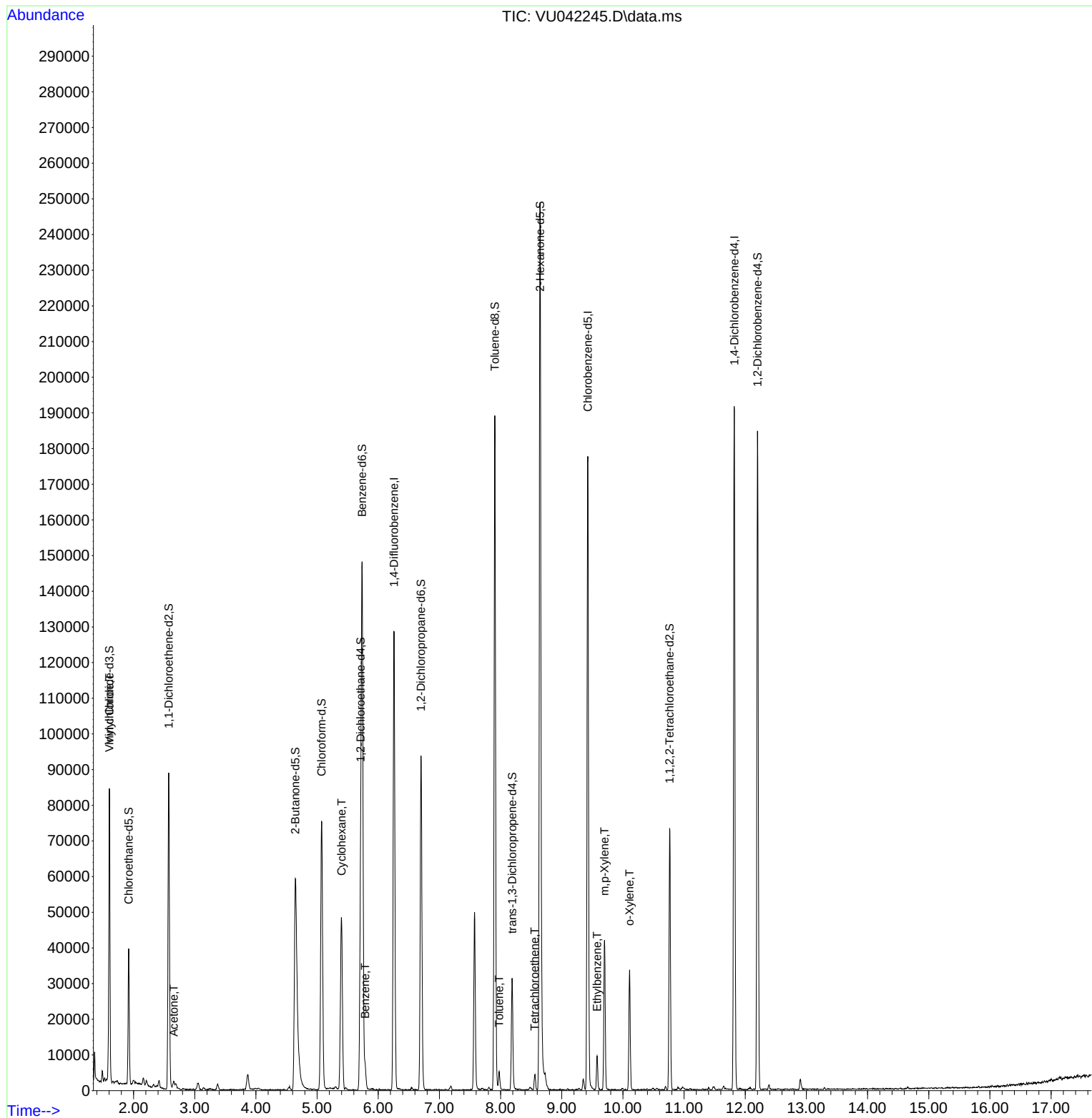
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	101614	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	92950	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	49625	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	30347	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.919	69	26387	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.575	63	55167	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.645	46	124502	52.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.10%
24) Chloroform-d	5.073	84	66859	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.713	65	43062	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.735	84	126645	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.700	67	41718	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.906	98	116834	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloroprop...	8.189	79	17130	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.645	63	89938	52.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.10%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33660	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	46636	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	26064	3.19	ug/L	98
13) Acetone	2.658	43	3536	2.22	ug/L	84
30) Cyclohexane	5.401	56	24659	1.87	ug/L	96
33) Benzene	5.787	78	4886	0.18	ug/L	100
42) Toluene	7.976	91	3040	0.10	ug/L	90
47) Tetrachloroethene	8.558	164	1015	0.17	ug/L	85
52) Ethylbenzene	9.578	91	6867	0.20	ug/L	96
53) m,p-Xylene	9.700	106	10850	0.85	ug/L	91
54) o-Xylene	10.108	106	8270	0.67	ug/L	99

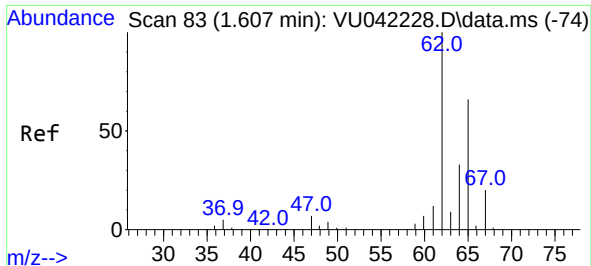
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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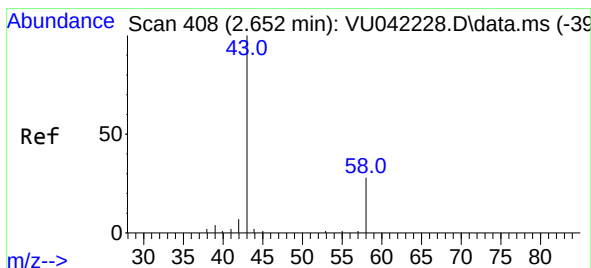
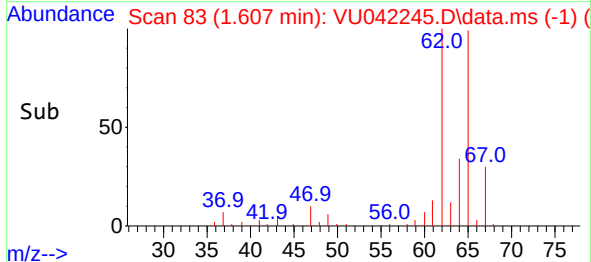
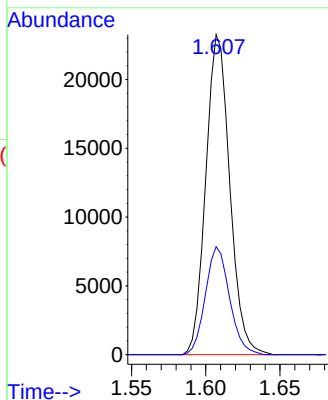
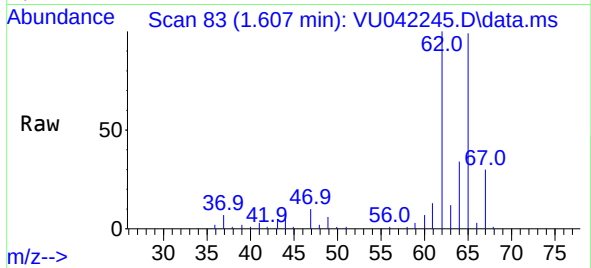




#5
 Vinyl chloride
 Concen: 3.19 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042245.D
 Acq: 03 Feb 2021 20:14

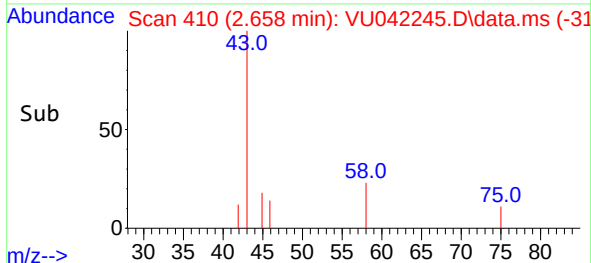
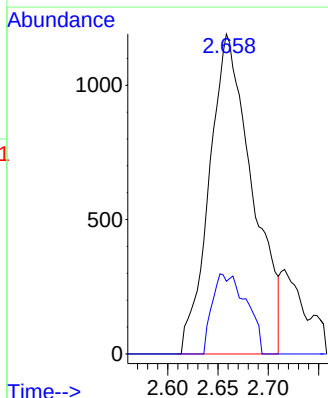
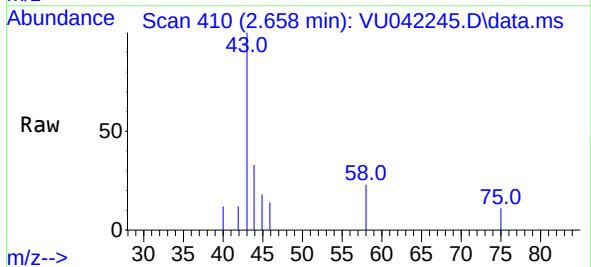
Instrument :
 MSVOA_U
 ClientSampled :
 F1E63

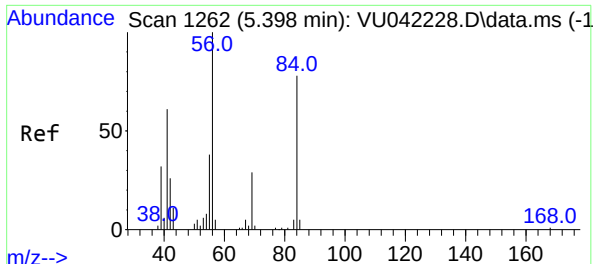
Tgt Ion: 62 Resp: 26064
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.7 42.1



#13
 Acetone
 Concen: 2.22 ug/L
 RT: 2.658 min Scan# 410
 Delta R.T. 0.006 min
 Lab File: VU042245.D
 Acq: 03 Feb 2021 20:14

Tgt Ion: 43 Resp: 3536
 Ion Ratio Lower Upper
 43 100
 58 19.7 0.0 55.8





#30

Cyclohexane

Concen: 1.87 ug/L

RT: 5.401 min Scan# 1263

Delta R.T. 0.003 min

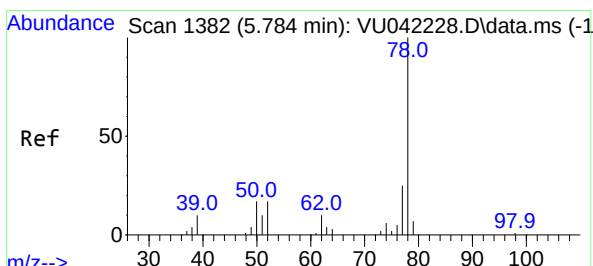
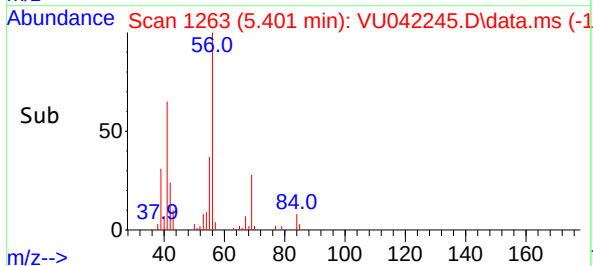
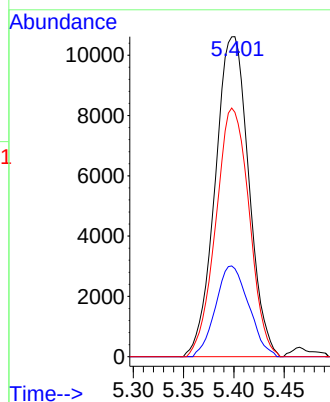
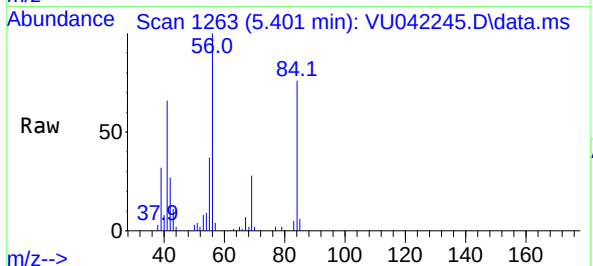
Lab File: VU042245.D

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Instrument :
MSVOA_U
ClientSampled :
F1E63

Tgt Ion: 56 Resp: 24659

Ion	Ratio	Lower	Upper
56	100		
69	28.0	23.7	35.5
84	77.2	65.3	97.9



#33

Benzene

Concen: 0.18 ug/L

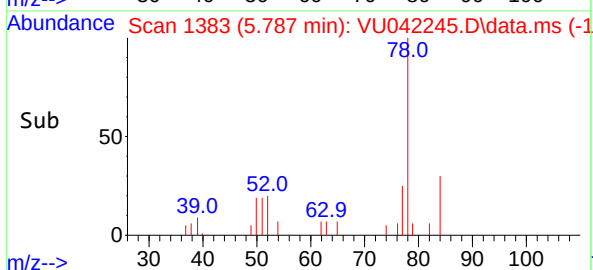
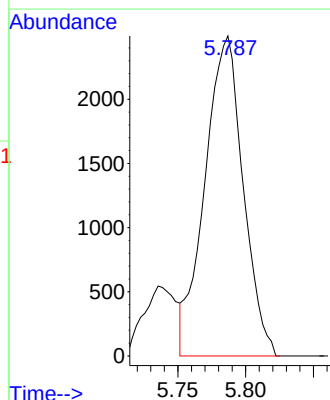
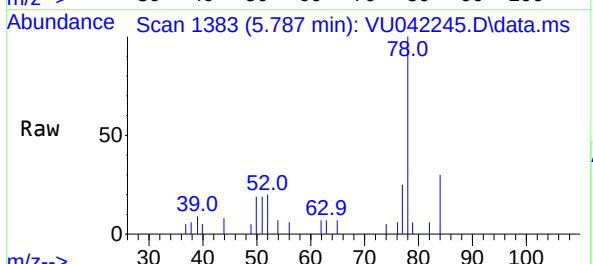
RT: 5.787 min Scan# 1383

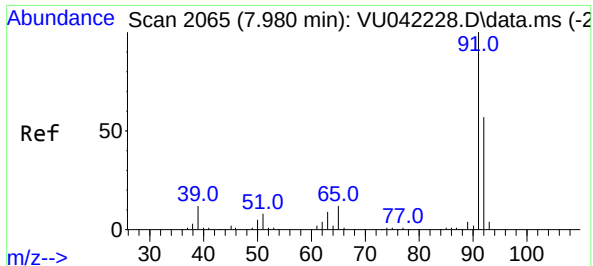
Delta R.T. 0.003 min

Lab File: VU042245.D

Acq: 03 Feb 2021 20:14

Tgt Ion: 78 Resp: 4886

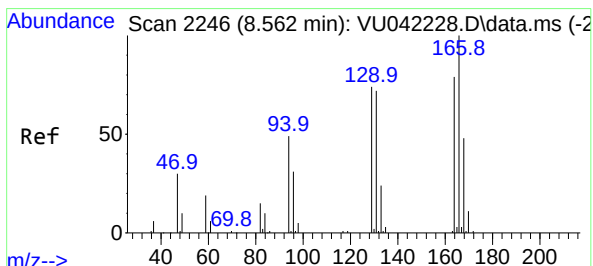
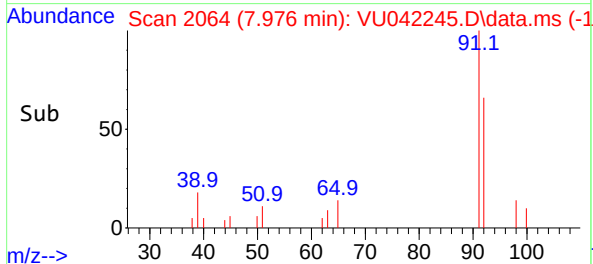
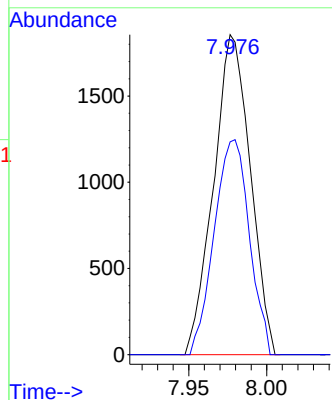
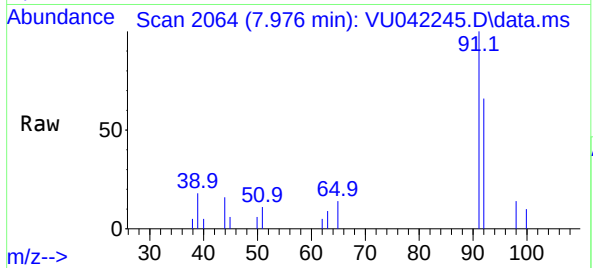




#42
Toluene
Concen: 0.10 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

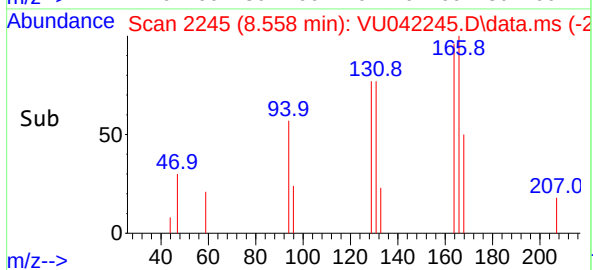
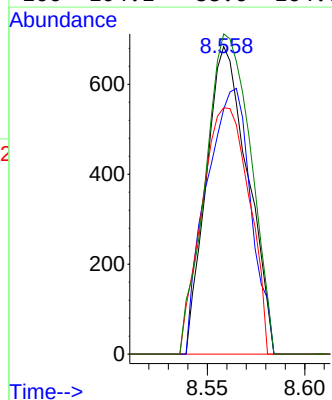
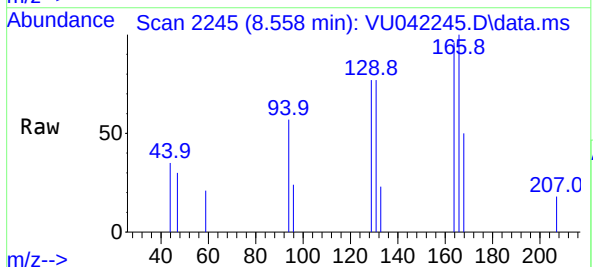
Instrument :
MSVOA_U
ClientSampleId :
F1E63

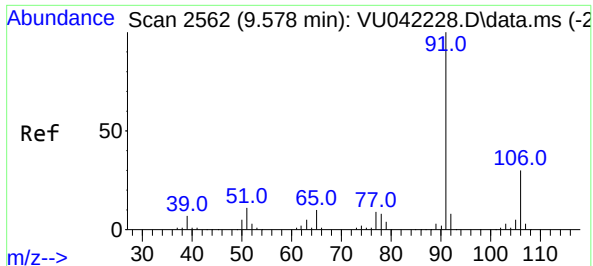
Tgt Ion: 91 Resp: 3040
Ion Ratio Lower Upper
91 100
92 66.5 41.2 76.6



#47
Tetrachloroethene
Concen: 0.17 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Tgt Ion: 164 Resp: 1015
Ion Ratio Lower Upper
164 100
129 79.7 64.3 119.5
131 80.1 62.2 115.6
166 104.1 88.6 164.6

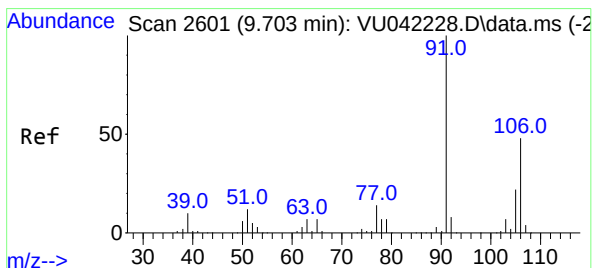
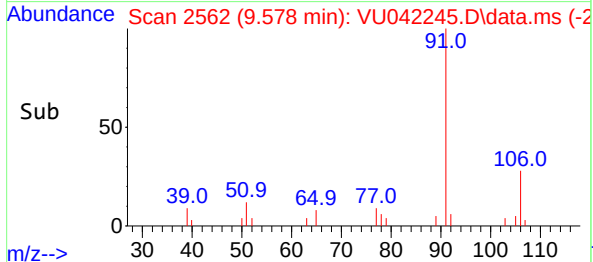
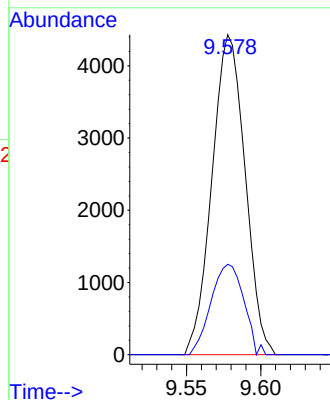
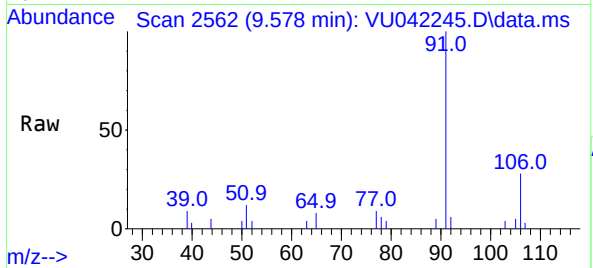




#52
Ethylbenzene
Concen: 0.20 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

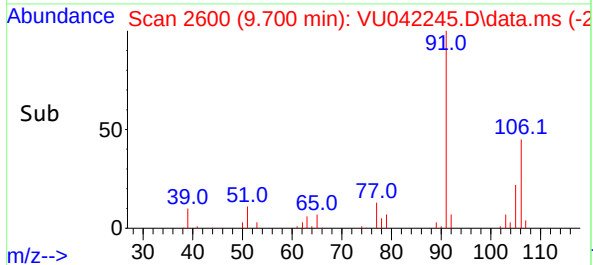
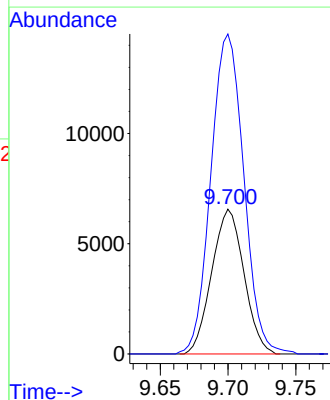
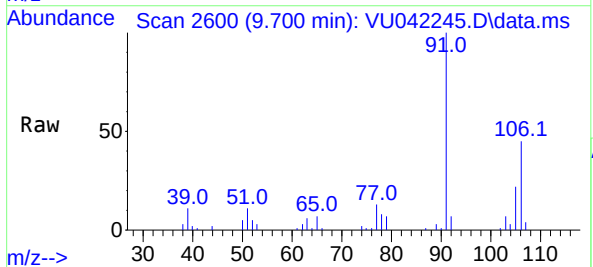
Instrument :
MSVOA_U
ClientSampled :
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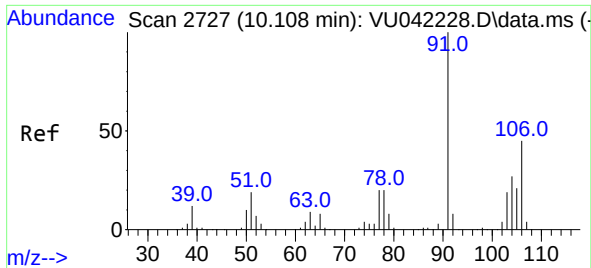
Tgt Ion: 91 Resp: 6867
Ion Ratio Lower Upper
91 100
106 28.3 21.1 39.3



#53
m,p-Xylene
Concen: 0.85 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Tgt Ion: 106 Resp: 10850
Ion Ratio Lower Upper
106 100
91 221.0 145.1 269.5





#54
o-Xylene
Concen: 0.67 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042245.D
Acq: 03 Feb 2021 20:14

Instrument :
MSVOA_U
ClientSampleId :
F1E63

Tgt Ion:106 Resp: 8270
Ion Ratio Lower Upper
106 100
91 216.7 153.0 284.2

