

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045097.D
 Acq On : 04 Oct 2021 15:35
 Operator : SY/MD
 Sample : M3996-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A17

Quant Time: Oct 05 02:45:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

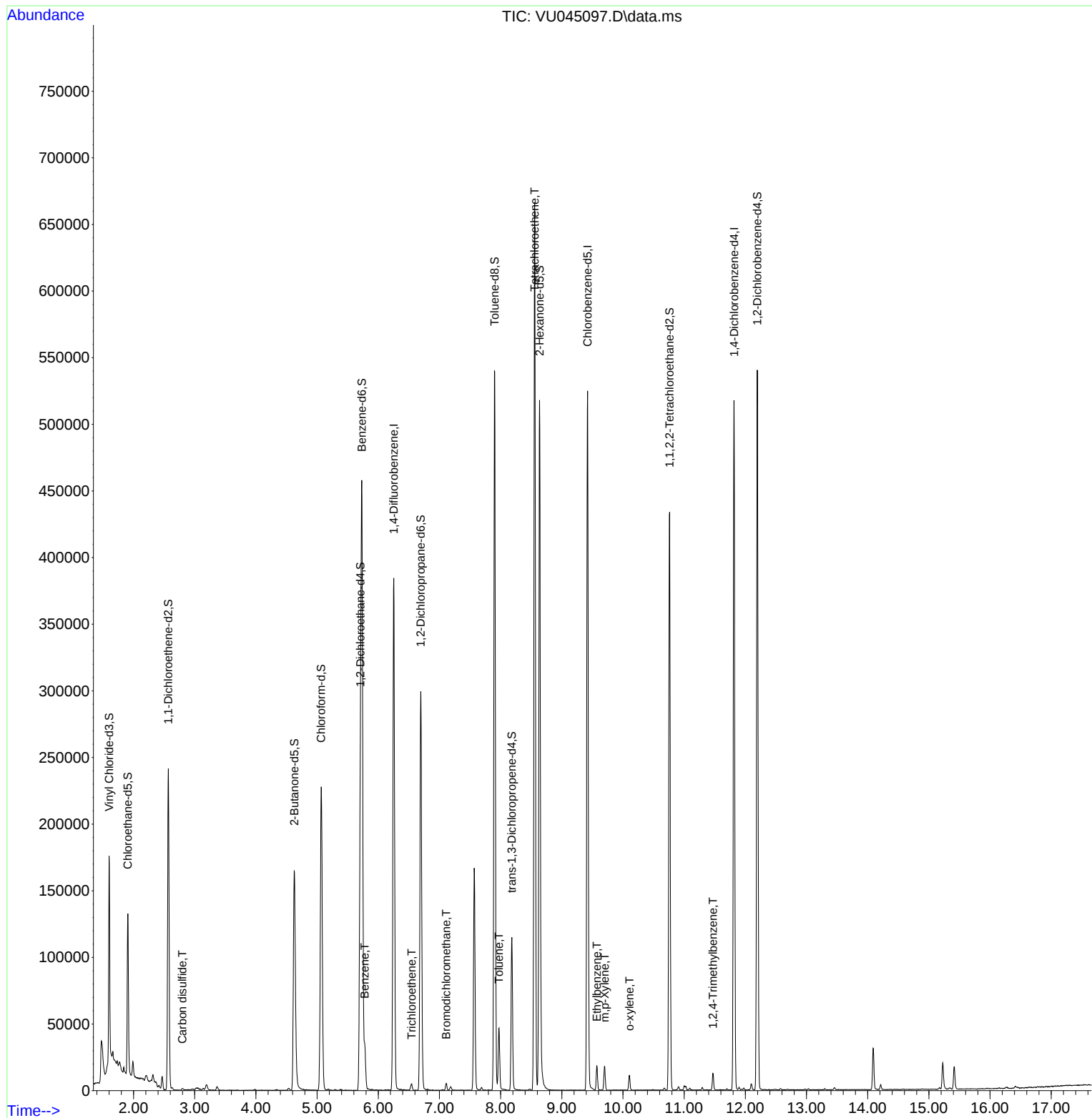
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.254	114	296100	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.421	117	274630	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	127433	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	97599	30.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.22%
7) Chloroethane-d5	1.906	69	90917	35.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.80%
11) 1,1-Dichloroethene-d2	2.569	63	144473	26.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.08%#
21) 2-Butanone-d5	4.627	46	239653	93.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.52%
24) Chloroform-d	5.067	84	204600	39.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.92%
26) 1,2-Dichloroethane-d4	5.707	65	146909	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.72%
32) Benzene-d6	5.733	84	408109	42.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.66%
36) 1,2-Dichloropropane-d6	6.694	67	136127	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.62%
41) Toluene-d8	7.900	98	343706	41.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.58%
43) trans-1,3-Dichloroprop...	8.183	79	60699	43.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.82%
47) 2-Hexanone-d5	8.636	63	181229	105.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.25%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214805	44.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.78%
66) 1,2-Dichlorobenzene-d4	12.195	152	131007	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%
Target Compounds						
14) Carbon disulfide	2.797	76	2010	0.27	ug/L	# 91
33) Benzene	5.778	78	27521	2.70	ug/L	100
34) Trichloroethene	6.546	95	1378	0.56	ug/L	85
38) Bromodichloromethane	7.109	83	3498	1.03	ug/L	97
42) Toluene	7.974	91	31998	3.09	ug/L	97
46) Tetrachloroethene	8.556	164	139621	79.84	ug/L	99
52) Ethylbenzene	9.572	91	13512	1.24	ug/L	94
53) m,p-Xylene	9.700	106	4997	1.21	ug/L	92
54) o-xylene	10.105	106	2938	0.72	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	7085	0.89	ug/L	97

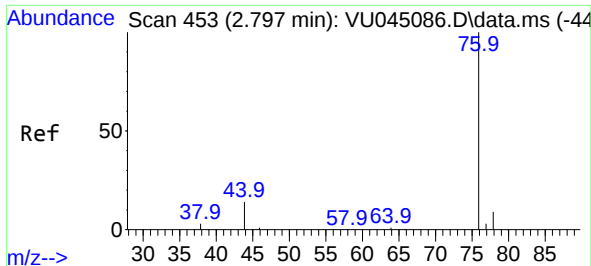
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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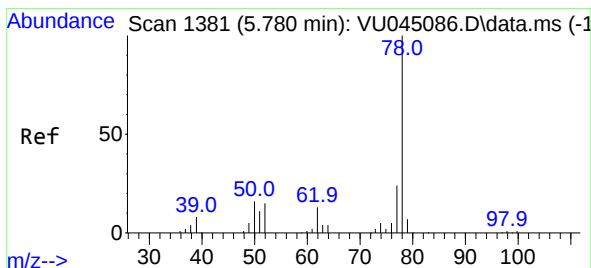
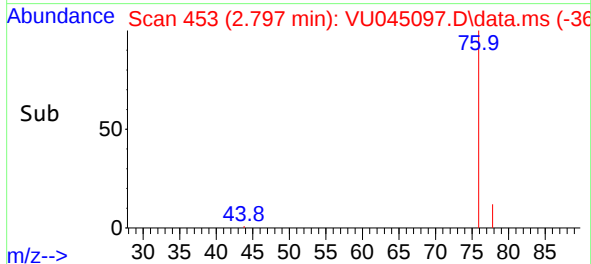
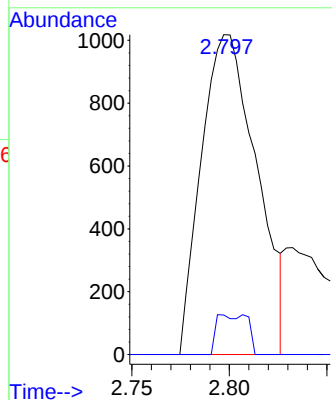
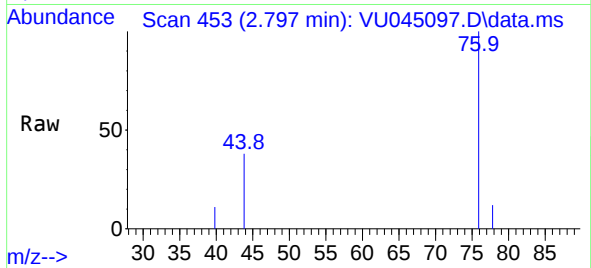




#14
Carbon disulfide
Concen: 0.27 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045097.D
Acq: 04 Oct 2021 15:35

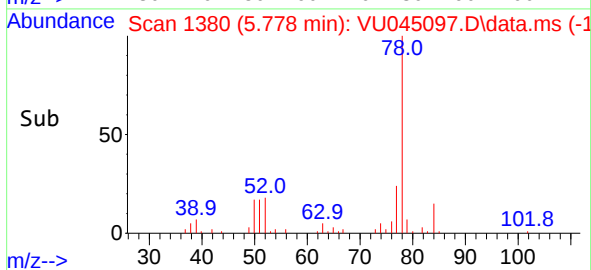
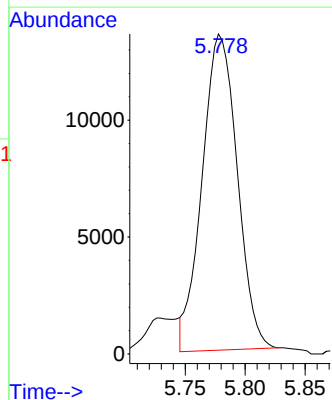
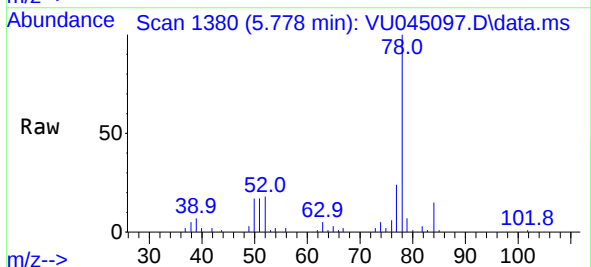
Instrument :
MSVOA_U
ClientSampleId :
F4A17

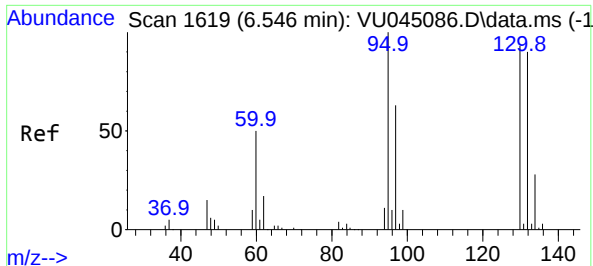
Tgt Ion: 76 Resp: 2010
Ion Ratio Lower Upper
76 100
78 12.4 7.3 10.9#



#33
Benzene
Concen: 2.70 ug/L
RT: 5.778 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045097.D
Acq: 04 Oct 2021 15:35

Tgt Ion: 78 Resp: 27521



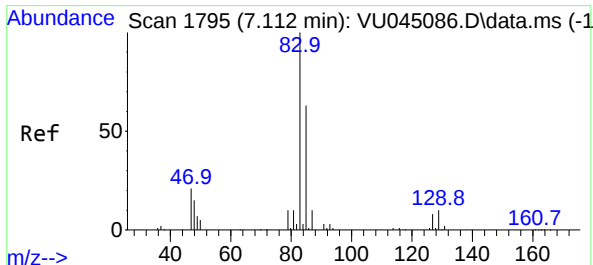
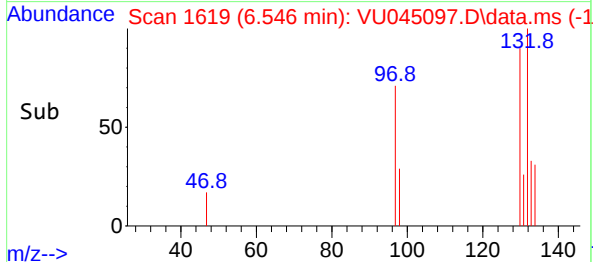
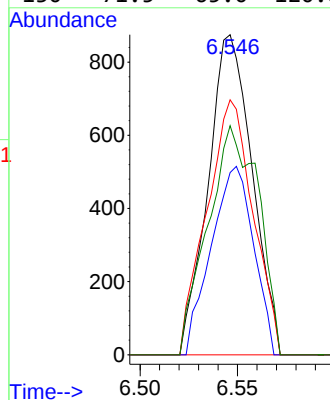
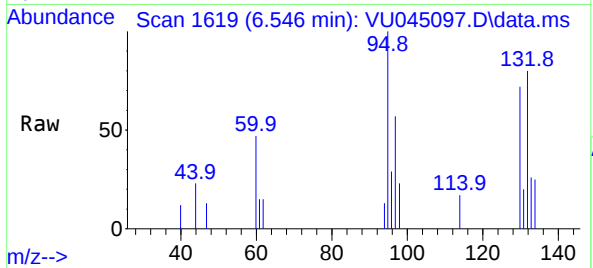


#34
Trichloroethene
Concen: 0.56 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045097.D
Acq: 04 Oct 2021 15:35

Instrument :
MSVOA_U
ClientSampled :
F4A17

Tgt Ion: 95 Resp: 1378

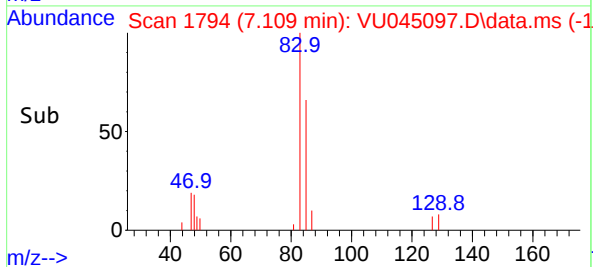
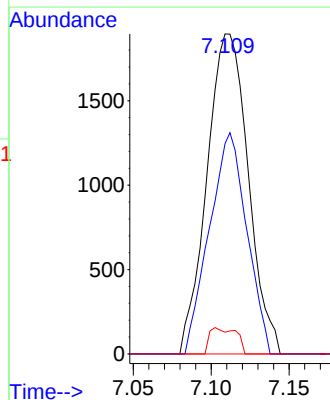
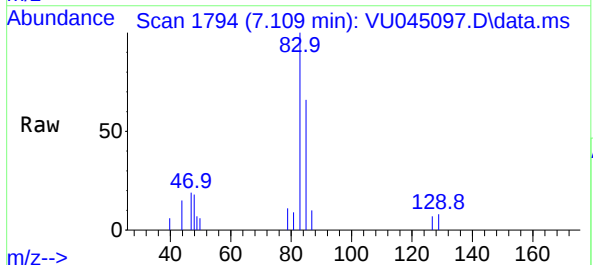
Ion	Ratio	Lower	Upper
95	100		
97	56.9	44.4	82.4
132	79.7	62.9	116.9
130	71.5	65.0	120.8

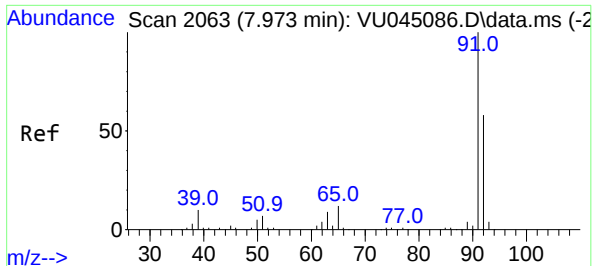


#38
Bromodichloromethane
Concen: 1.03 ug/L
RT: 7.109 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045097.D
Acq: 04 Oct 2021 15:35

Tgt Ion: 83 Resp: 3498

Ion	Ratio	Lower	Upper
83	100		
85	65.7	44.6	82.8
127	6.8	6.2	9.2

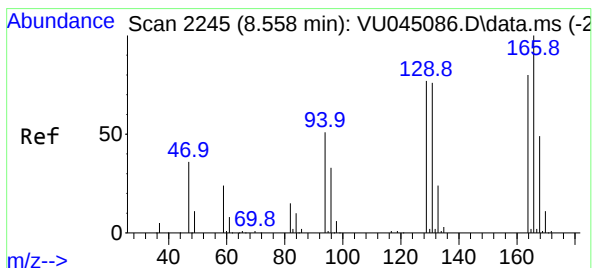
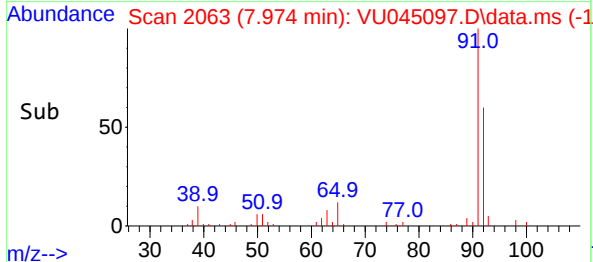
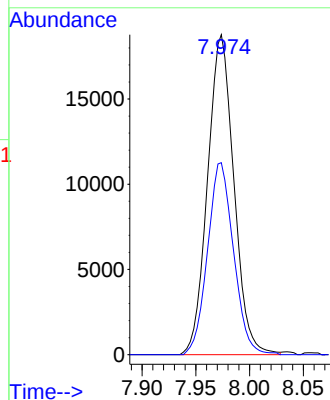
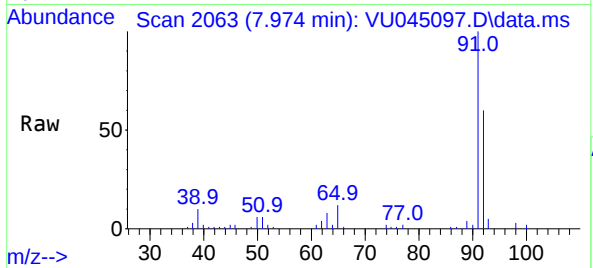




#42
Toluene
Concen: 3.09 ug/L
RT: 7.974 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045097.D
Acq: 04 Oct 2021 15:35

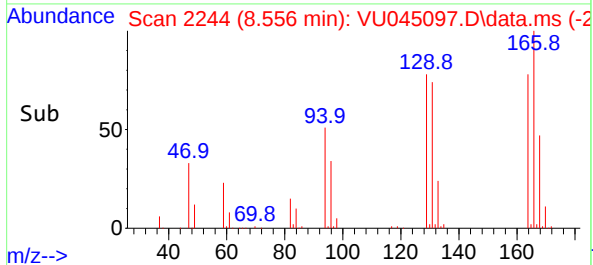
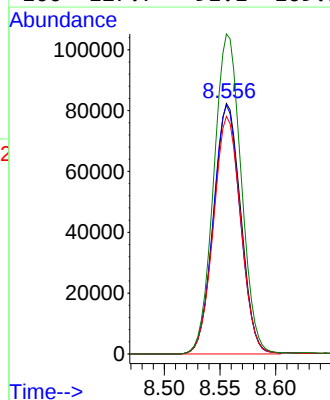
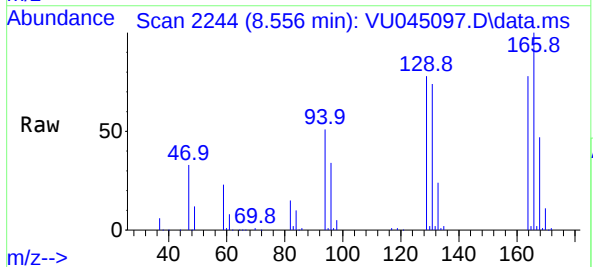
Instrument :
MSVOA_U
ClientSampled :
F4A17

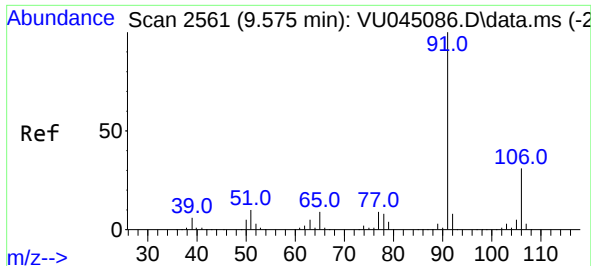
Tgt Ion: 91 Resp: 31998
Ion Ratio Lower Upper
91 100
92 60.0 40.5 75.1



#46
Tetrachloroethene
Concen: 79.84 ug/L
RT: 8.556 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045097.D
Acq: 04 Oct 2021 15:35

Tgt Ion: 164 Resp: 139621
Ion Ratio Lower Upper
164 100
129 99.2 69.8 129.6
131 94.8 66.4 123.2
166 127.7 91.1 169.3

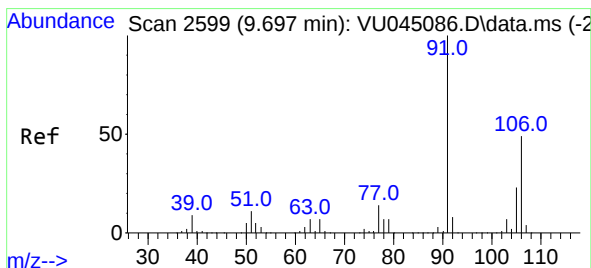
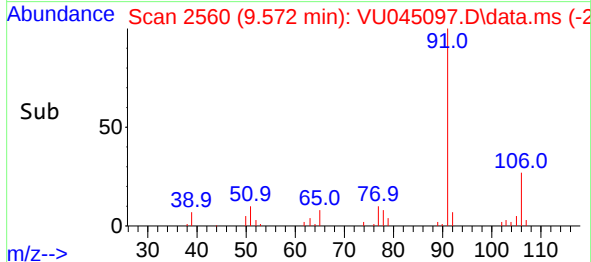
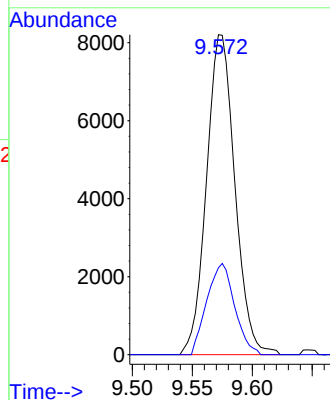
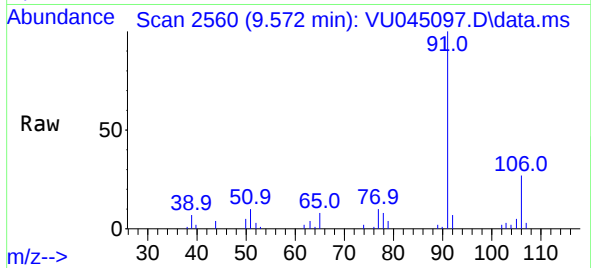




#52
Ethylbenzene
Concen: 1.24 ug/L
RT: 9.572 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU045097.D
Acq: 04 Oct 2021 15:35

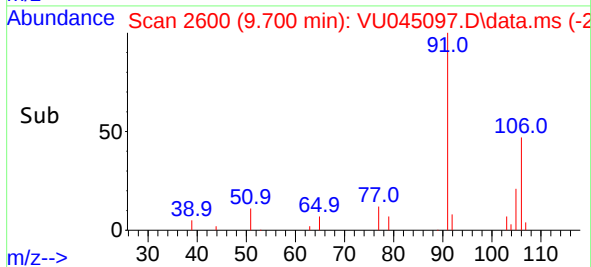
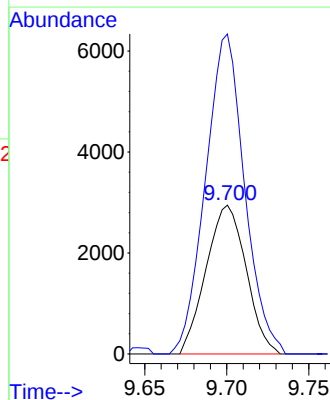
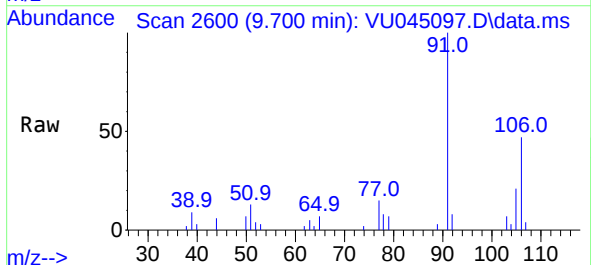
Instrument :
MSVOA_U
ClientSampled :
F4A17

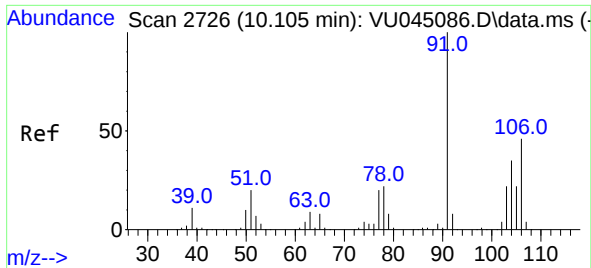
Tgt Ion: 91 Resp: 13512
Ion Ratio Lower Upper
91 100
106 27.1 21.2 39.4



#53
m,p-Xylene
Concen: 1.21 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.004 min
Lab File: VU045097.D
Acq: 04 Oct 2021 15:35

Tgt Ion:106 Resp: 4997
Ion Ratio Lower Upper
106 100
91 197.7 146.7 272.4

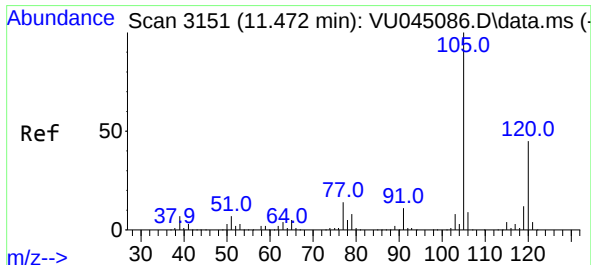
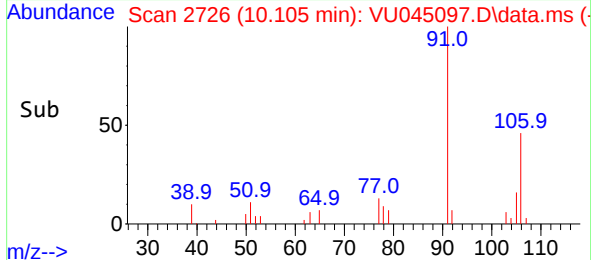
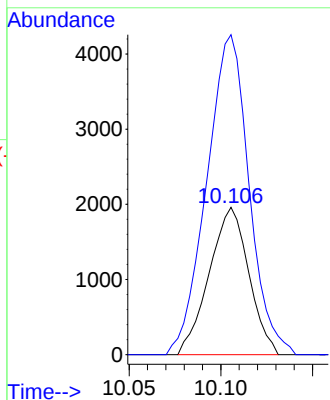
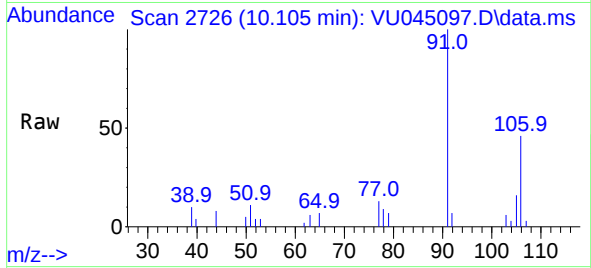




#54
o-xylene
Concen: 0.72 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045097.D
Acq: 04 Oct 2021 15:35

Instrument :
MSVOA_U
ClientSampled :
F4A17

Tgt Ion:106 Resp: 2938
Ion Ratio Lower Upper
106 100
91 217.2 152.9 283.9



#63
1,2,4-Trimethylbenzene
Concen: 0.89 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VU045097.D
Acq: 04 Oct 2021 15:35

Tgt Ion:105 Resp: 7085
Ion Ratio Lower Upper
105 100
120 42.5 35.7 53.5

