

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045164.D
 Acq On : 05 Oct 2021 23:10
 Operator : SY/MD
 Sample : M4023-04 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH9

Quant Time: Oct 06 04:38:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

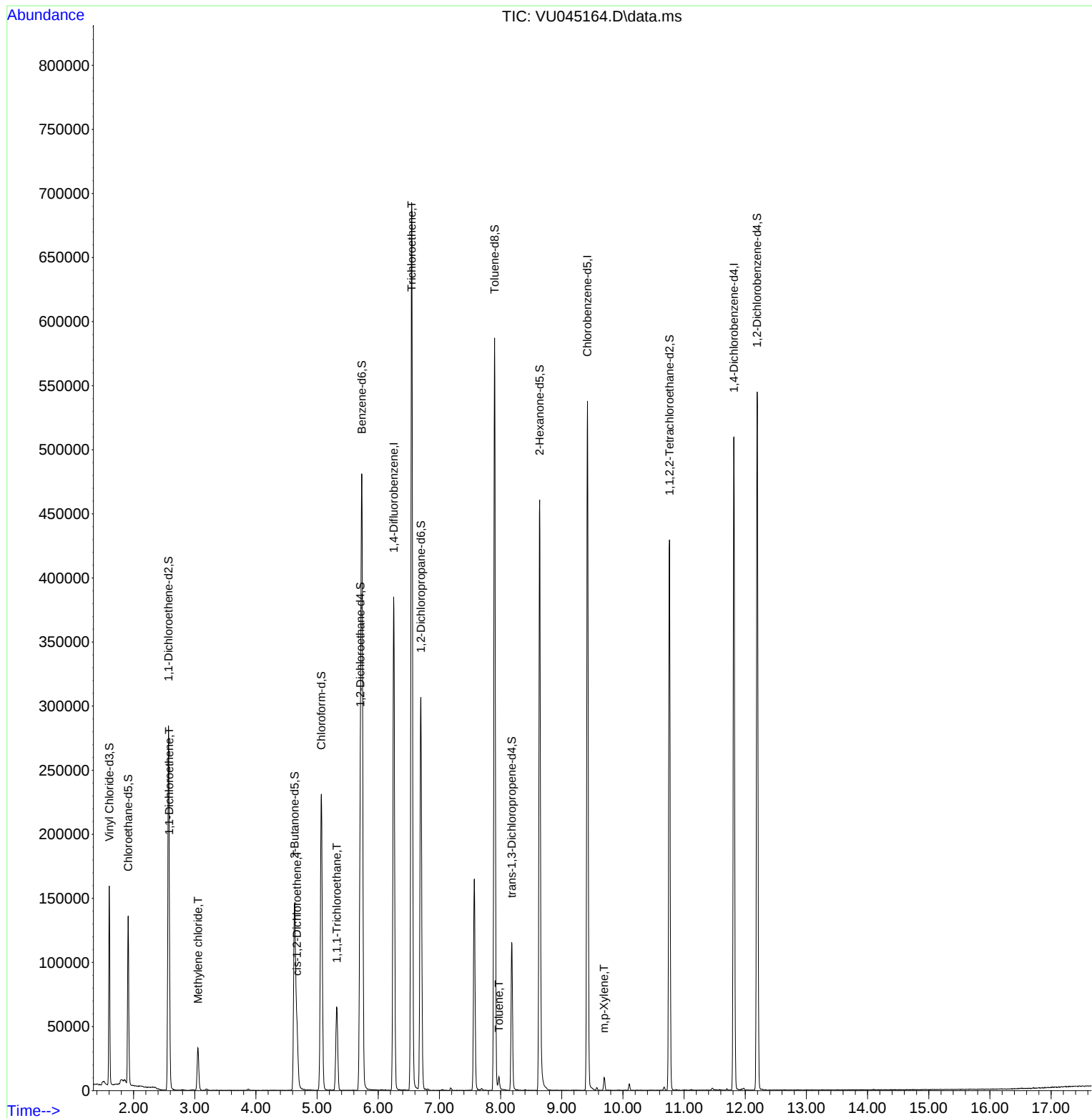
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	300619	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	284394	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	127808	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	109814	33.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.74%
7) Chloroethane-d5	1.912	69	99657	38.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.42%
11) 1,1-Dichloroethene-d2	2.571	63	165534	29.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.90%#
21) 2-Butanone-d5	4.632	46	235542	90.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.53%
24) Chloroform-d	5.070	84	209521	40.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.62%
26) 1,2-Dichloroethane-d4	5.706	65	150856	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.70%
32) Benzene-d6	5.732	84	432767	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
36) 1,2-Dichloropropane-d6	6.697	67	139612	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.78%
41) Toluene-d8	7.902	98	376156	44.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.34%
43) trans-1,3-Dichloroprop...	8.182	79	62797	43.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.74%
47) 2-Hexanone-d5	8.639	63	163237	91.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.54%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	207733	41.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.92%
66) 1,2-Dichlorobenzene-d4	12.195	152	132437	47.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.22%
Target Compounds						
12) 1,1-Dichloroethene	2.584	96	14284	6.14	ug/L	# 1
16) Methylene chloride	3.054	84	16174	5.48	ug/L	90
20) cis-1,2-Dichloroethene	4.671	96	16065	5.95	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	45382	11.53	ug/L	99
34) Trichloroethene	6.546	95	232525	91.78	ug/L	98
42) Toluene	7.973	91	6432	0.60	ug/L	100
53) m,p-Xylene	9.693	106	2942	0.69	ug/L	82

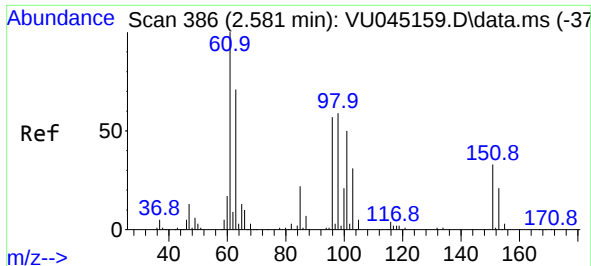
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 6.14 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU045164.D

Acq: 05 Oct 2021 23:10

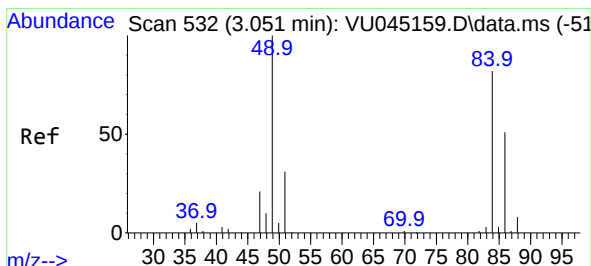
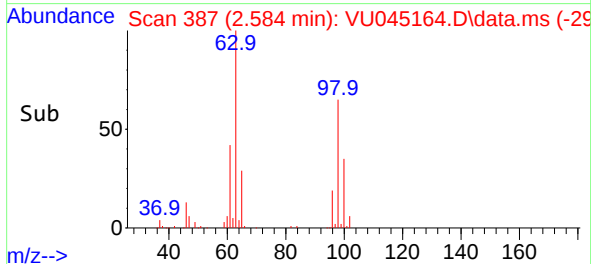
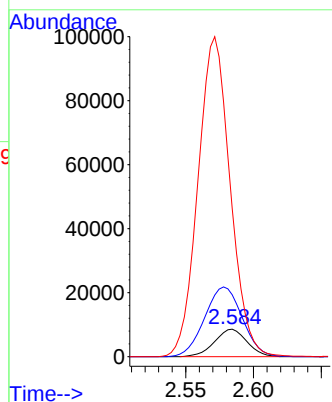
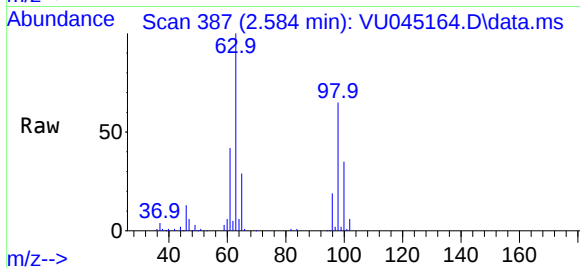
Tgt Ion: 96 Resp: 14284

Ion Ratio Lower Upper

96 100

61 225.2 131.3 243.9

63 539.8 102.5 190.3#



#16

Methylene chloride

Concen: 5.48 ug/L

RT: 3.054 min Scan# 533

Delta R.T. 0.003 min

Lab File: VU045164.D

Acq: 05 Oct 2021 23:10

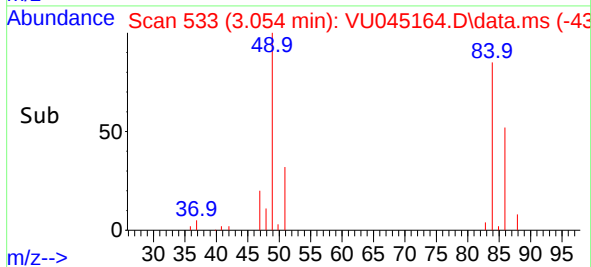
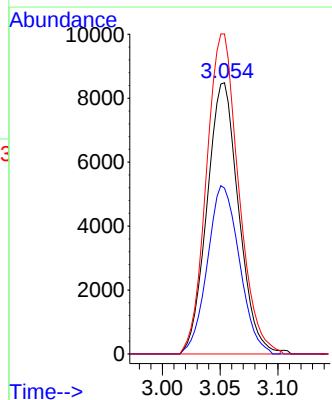
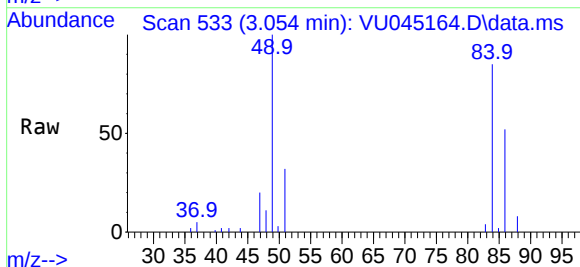
Tgt Ion: 84 Resp: 16174

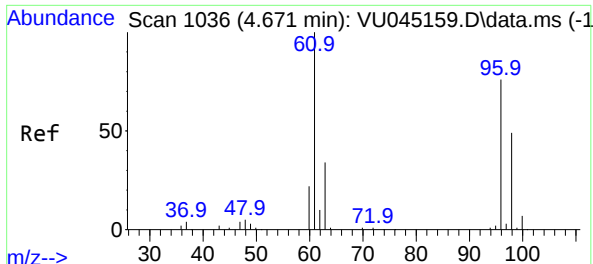
Ion Ratio Lower Upper

84 100

86 61.1 44.7 83.1

49 117.9 92.9 172.5

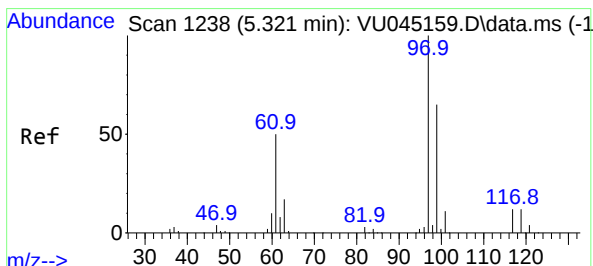
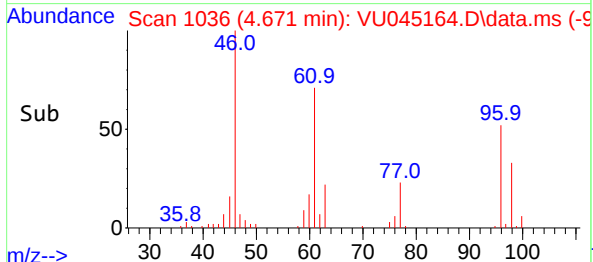
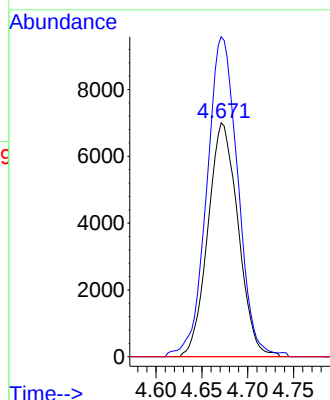
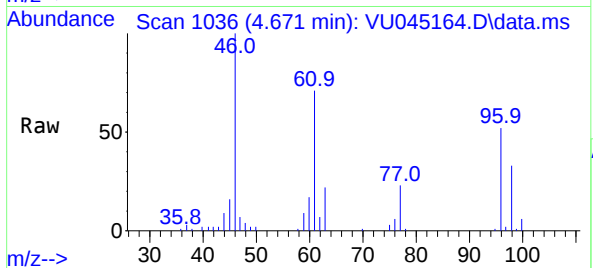




#20
cis-1,2-Dichloroethene
Concen: 5.95 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

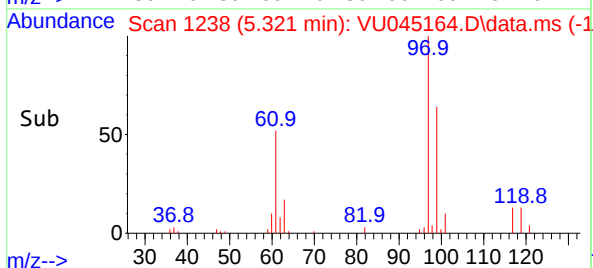
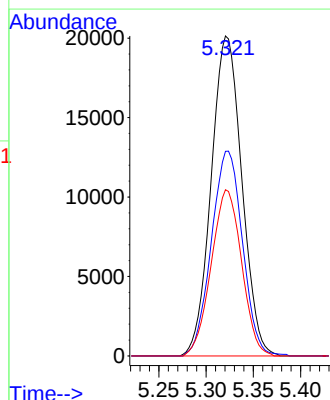
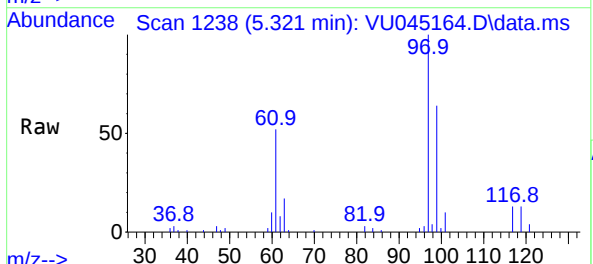
Instrument :
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ClientSampleId :
C0AH9

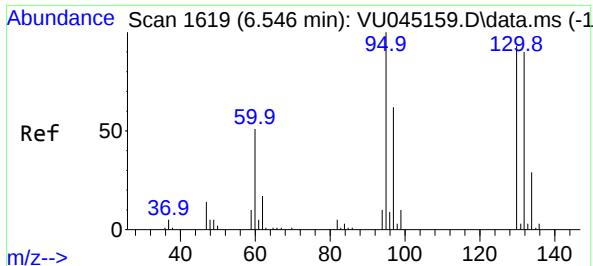
Tgt Ion: 96 Resp: 16065
Ion Ratio Lower Upper
96 100
61 136.8 100.2 186.0
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 11.53 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Tgt Ion: 97 Resp: 45382
Ion Ratio Lower Upper
97 100
99 65.0 50.6 75.8
61 51.5 41.3 61.9



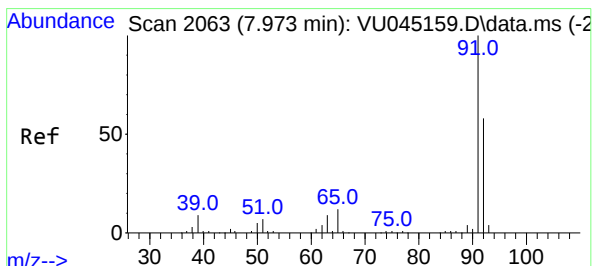
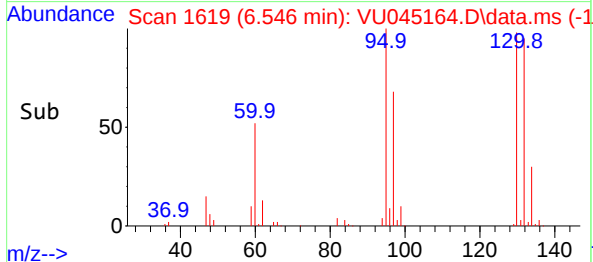
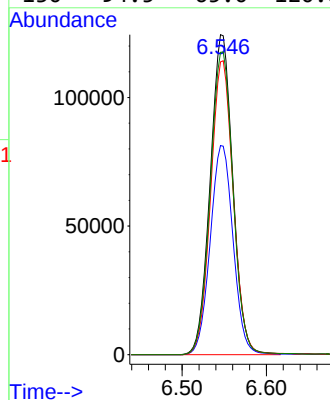
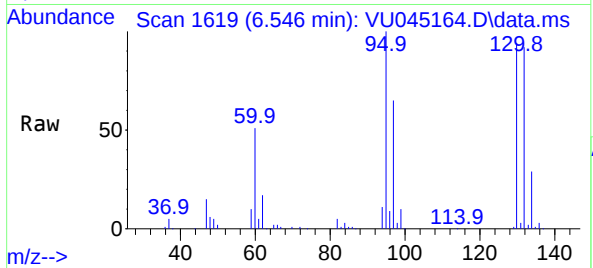


#34
Trichloroethene
Concen: 91.78 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Instrument :
MSVOA_U
ClientSampleId :
C0AH9

Tgt Ion: 95 Resp: 232525

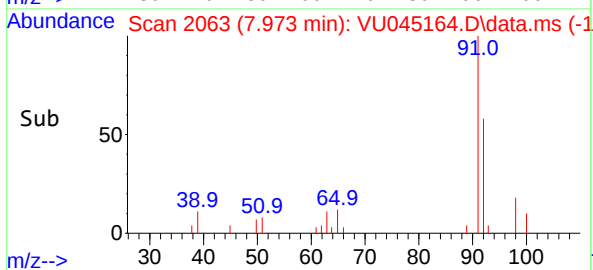
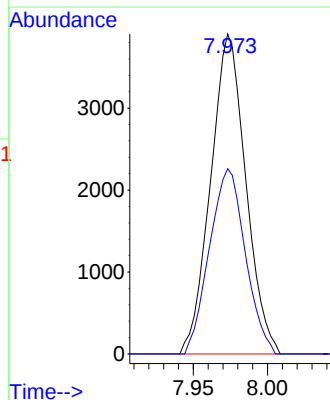
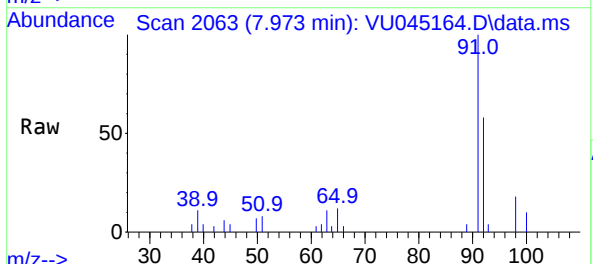
Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.4	82.4
132	91.5	62.9	116.9
130	94.5	65.0	120.8

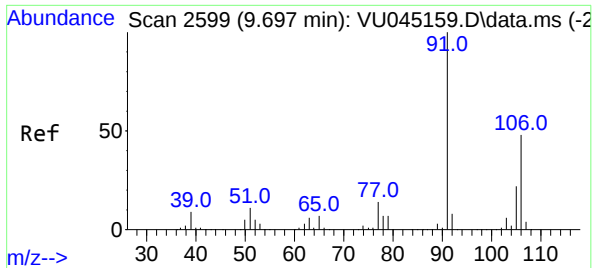


#42
Toluene
Concen: 0.60 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Tgt Ion: 91 Resp: 6432

Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.5	75.1





#53
 m,p-Xylene
 Concen: 0.69 ug/L
 RT: 9.693 min Scan# 2598
 Delta R.T. -0.003 min
 Lab File: VU045164.D
 Acq: 05 Oct 2021 23:10

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH9

Tgt Ion:106 Resp: 2942
 Ion Ratio Lower Upper
 106 100
 91 181.4 146.7 272.4

