

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045246.D
 Acq On : 08 Oct 2021 13:06
 Operator : SY/MD
 Sample : M4024-14DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM2DL

Quant Time: Oct 09 05:53:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

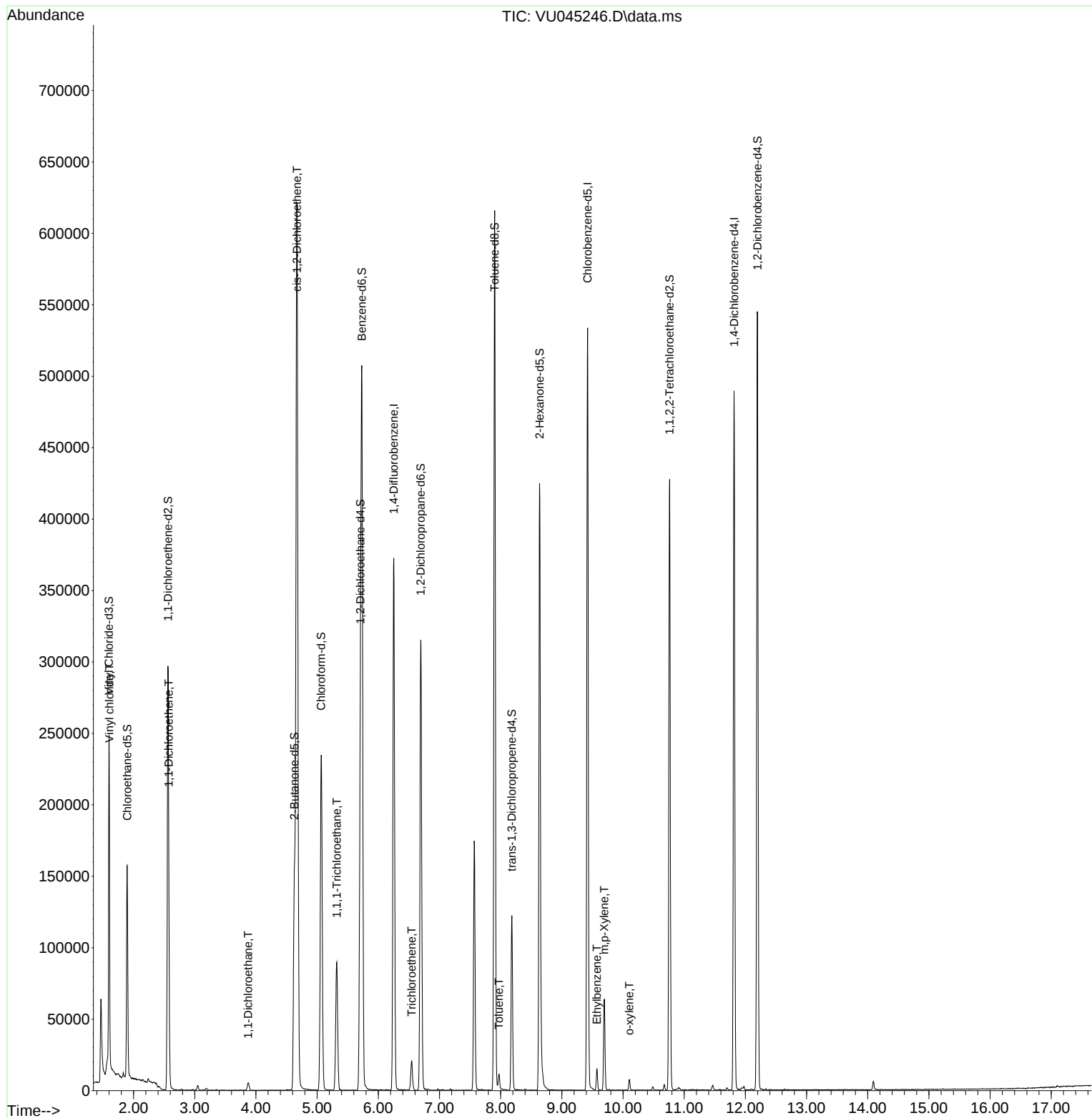
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	288129	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	277495	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	120206	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	145186	46.030	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.060%		
7) Chloroethane-d5	1.896	69	115313	46.135	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.280%		
11) 1,1-Dichloroethene-d2	2.562	63	179075	33.807	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.620%		
21) 2-Butanone-d5	4.629	46	209211	83.899	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.900%		
24) Chloroform-d	5.067	84	212110	42.578	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.160%		
26) 1,2-Dichloroethane-d4	5.707	65	150442	44.583	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.160%		
32) Benzene-d6	5.732	84	455910	47.348	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.700%		
36) 1,2-Dichloropropane-d6	6.694	67	144132	45.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.820%		
41) Toluene-d8	7.903	98	390047	46.939	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.880%		
43) trans-1,3-Dichloroprop...	8.182	79	64364	46.085	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.180%		
47) 2-Hexanone-d5	8.636	63	143951	82.734	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.730%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	213729	43.716	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.440%		
66) 1,2-Dichlorobenzene-d4	12.198	152	132939	50.817	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.640%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	11302	3.355	ug/L #	1
12) 1,1-Dichloroethene	2.575	96	7576	3.395	ug/L #	1
19) 1,1-Dichloroethane	3.871	63	6477	1.325	ug/L	95
20) cis-1,2-Dichloroethene	4.671	96	308532	119.125	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	62902	16.375	ug/L	99
34) Trichloroethene	6.546	95	6411	2.593	ug/L	97
42) Toluene	7.973	91	7268	0.695	ug/L	91
52) Ethylbenzene	9.575	91	10279	0.930	ug/L	98
53) m,p-Xylene	9.694	106	17183	4.106	ug/L	100
54) o-xylene	10.102	106	2099	0.510	ug/L	100

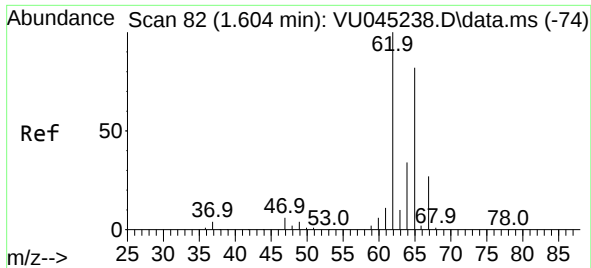
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
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Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
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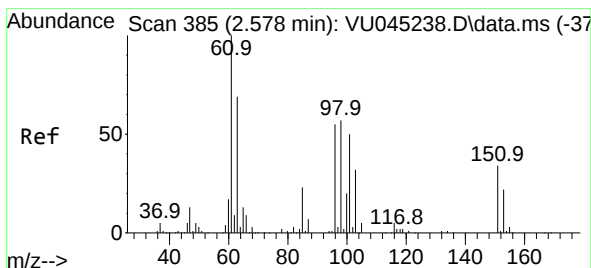
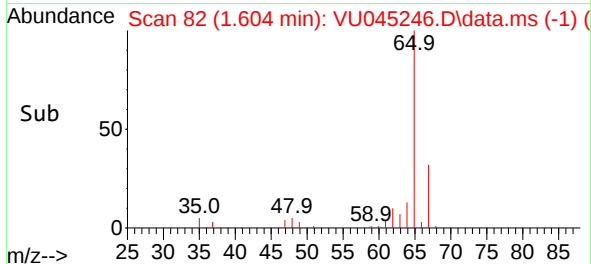
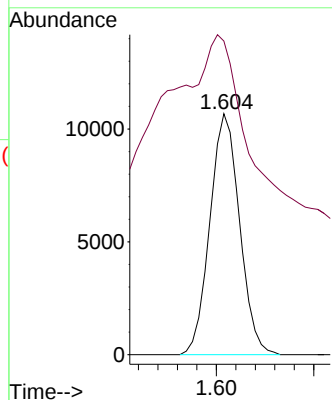
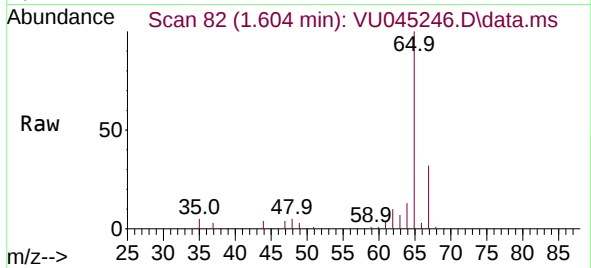




#5
 Vinyl chloride
 Concen: 3.355 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU045246.D
 Acq: 08 Oct 2021 13:06

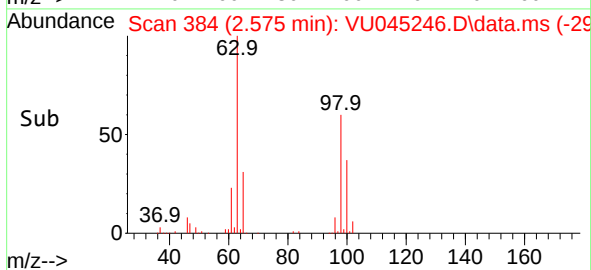
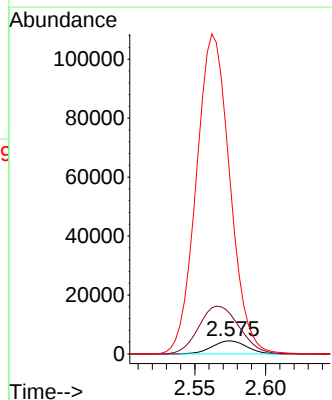
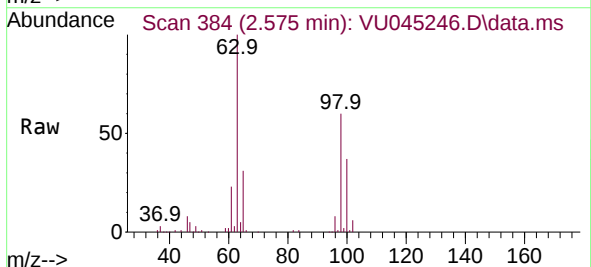
Instrument :
 MSVOA_U
 ClientSampleID :
 C0AM2DL

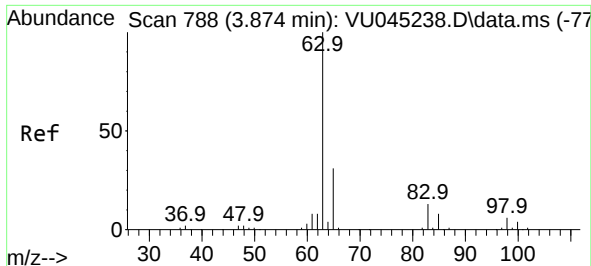
Tgt Ion: 62 Resp: 11302
 Ion Ratio Lower Upper
 62 100
 64 130.2 23.4 43.6#



#12
 1,1-Dichloroethene
 Concen: 3.395 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU045246.D
 Acq: 08 Oct 2021 13:06

Tgt Ion: 96 Resp: 7576
 Ion Ratio Lower Upper
 96 100
 61 307.9 131.3 243.9#
 63 1323.6 102.5 190.3#





#19

1,1-Dichloroethane

Concen: 1.325 ug/L

RT: 3.871 min Scan# 787

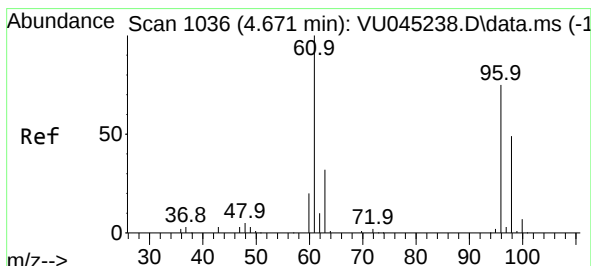
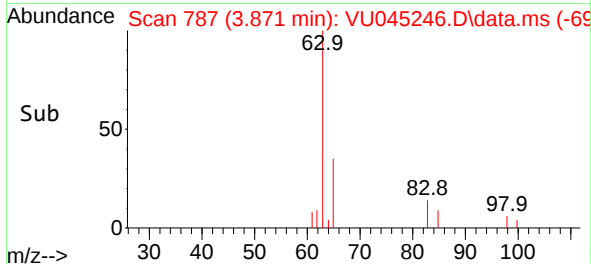
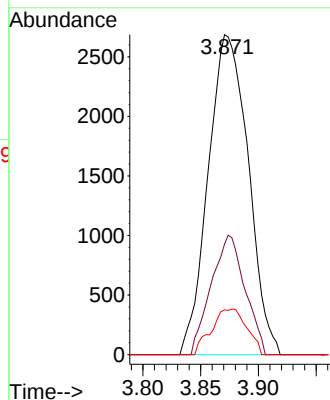
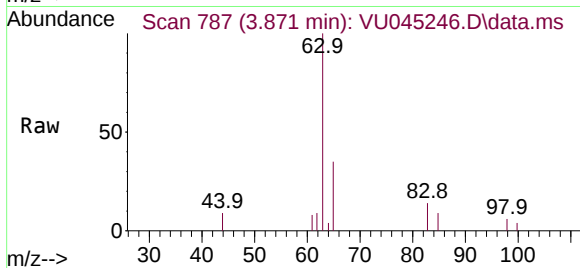
Delta R.T. -0.003 min

Lab File: VU045246.D

Acq: 08 Oct 2021 13:06

Tgt Ion:	63	Resp:	6477
Ion	Ratio	Lower	Upper
63	100		
65	34.5	22.0	40.8
83	14.0	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :
C0AM2DL



#20

cis-1,2-Dichloroethene

Concen: 119.125 ug/L

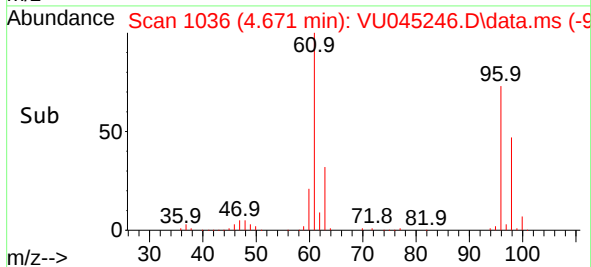
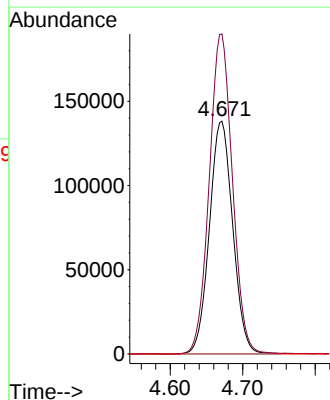
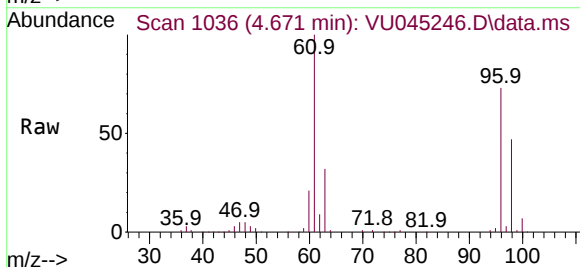
RT: 4.671 min Scan# 1036

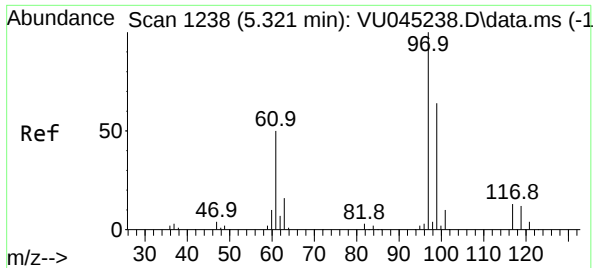
Delta R.T. 0.000 min

Lab File: VU045246.D

Acq: 08 Oct 2021 13:06

Tgt Ion:	96	Resp:	308532
Ion	Ratio	Lower	Upper
96	100		
61	137.5	100.2	186.0
68	0.0	0.0	0.0

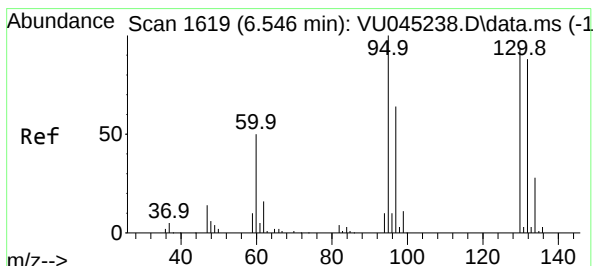
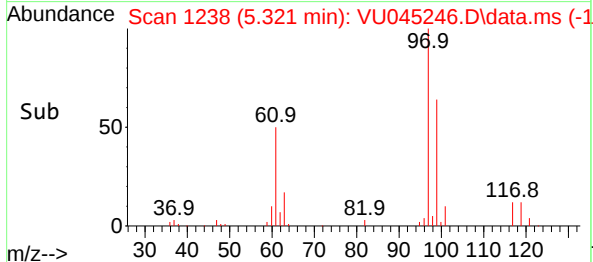
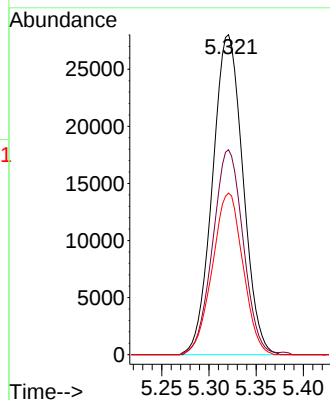
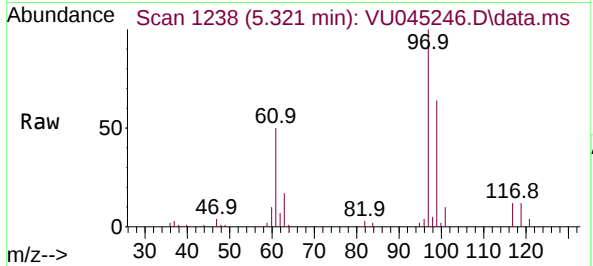




#30
1,1,1-Trichloroethane
Concen: 16.375 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045246.D
Acq: 08 Oct 2021 13:06

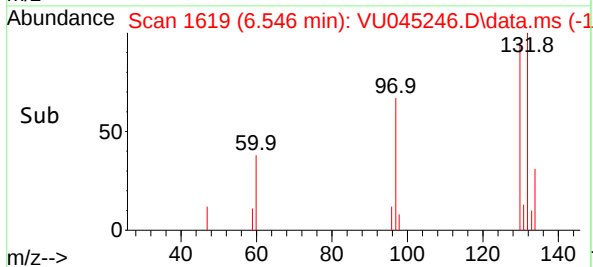
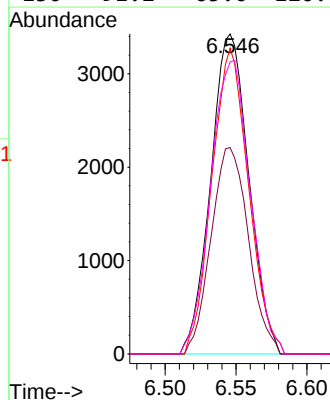
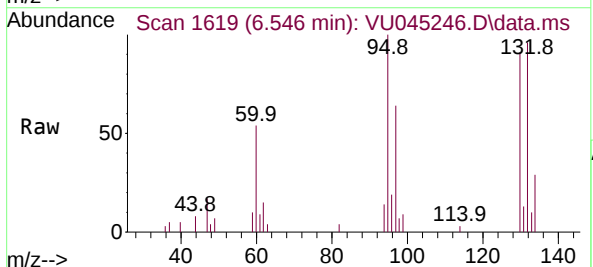
Instrument :
MSVOA_U
ClientSampleId :
C0AM2DL

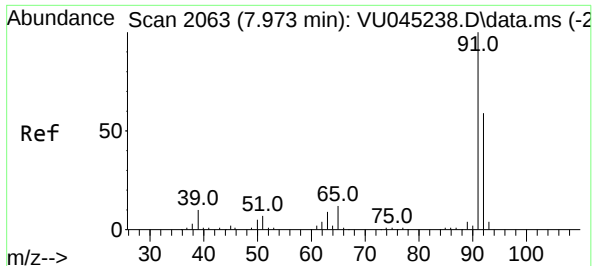
Tgt Ion:	97	Resp:	62902
Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.6	75.8
61	50.7	41.3	61.9



#34
Trichloroethene
Concen: 2.593 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045246.D
Acq: 08 Oct 2021 13:06

Tgt Ion:	95	Resp:	6411
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.4	82.4
132	95.6	62.9	116.9
130	91.2	65.0	120.8

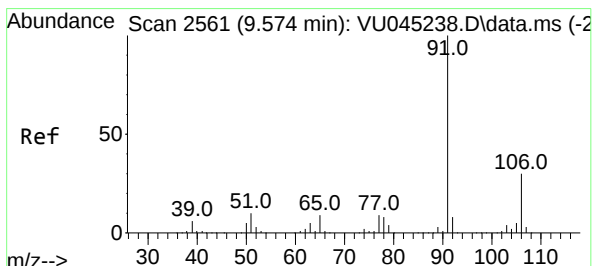
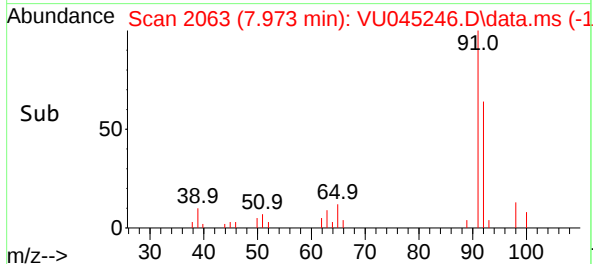
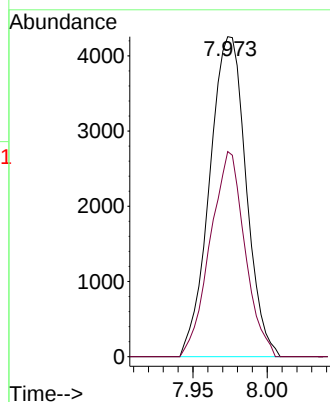
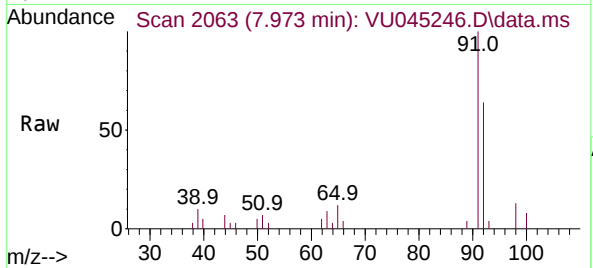




#42
Toluene
Concen: 0.695 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045246.D
Acq: 08 Oct 2021 13:06

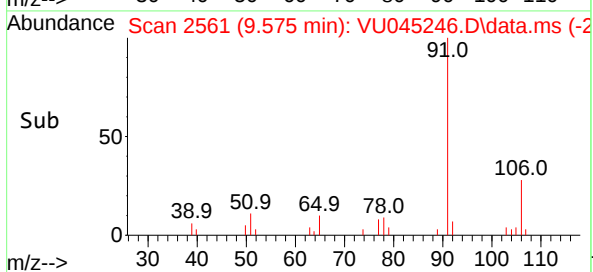
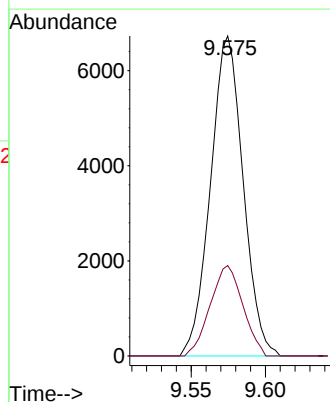
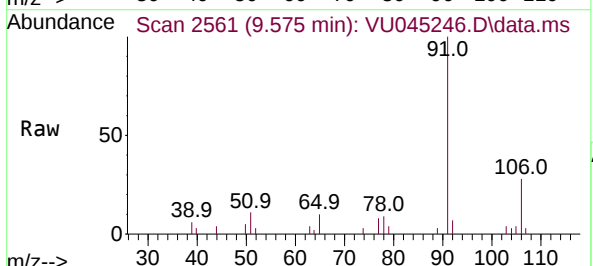
Instrument :
MSVOA_U
ClientSampled :
C0AM2DL

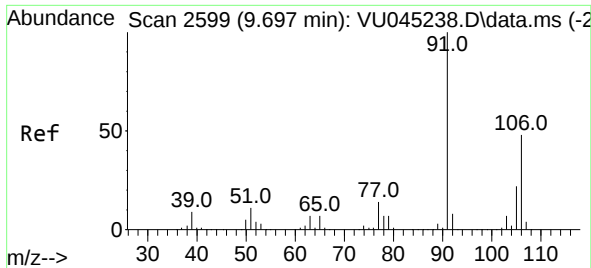
Tgt Ion: 91 Resp: 7268
Ion Ratio Lower Upper
91 100
92 64.1 40.5 75.1



#52
Ethylbenzene
Concen: 0.930 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045246.D
Acq: 08 Oct 2021 13:06

Tgt Ion: 91 Resp: 10279
Ion Ratio Lower Upper
91 100
106 31.5 21.2 39.4

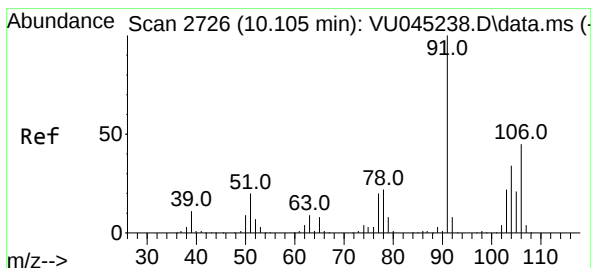
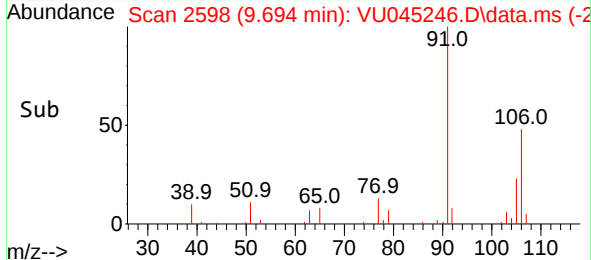
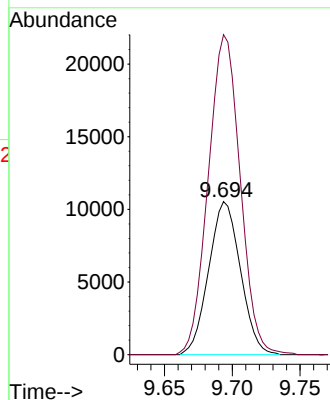
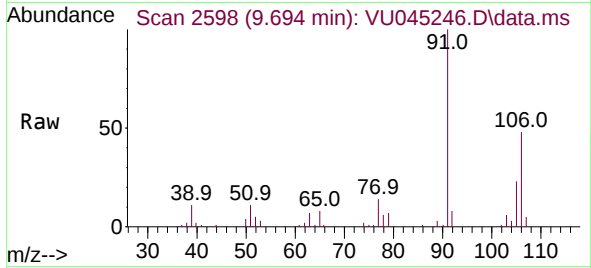




#53
m,p-Xylene
Concen: 4.106 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU045246.D
Acq: 08 Oct 2021 13:06

Instrument :
MSVOA_U
ClientSampled :
C0AM2DL

Tgt Ion:106 Resp: 17183
Ion Ratio Lower Upper
106 100
91 209.0 146.7 272.4



#54
o-xylene
Concen: 0.510 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045246.D
Acq: 08 Oct 2021 13:06

Tgt Ion:106 Resp: 2099
Ion Ratio Lower Upper
106 100
91 217.7 152.9 283.9

