

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045230.D
 Acq On : 08 Oct 2021 00:15
 Operator : SY/MD
 Sample : M4138-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 08 02:13:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

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

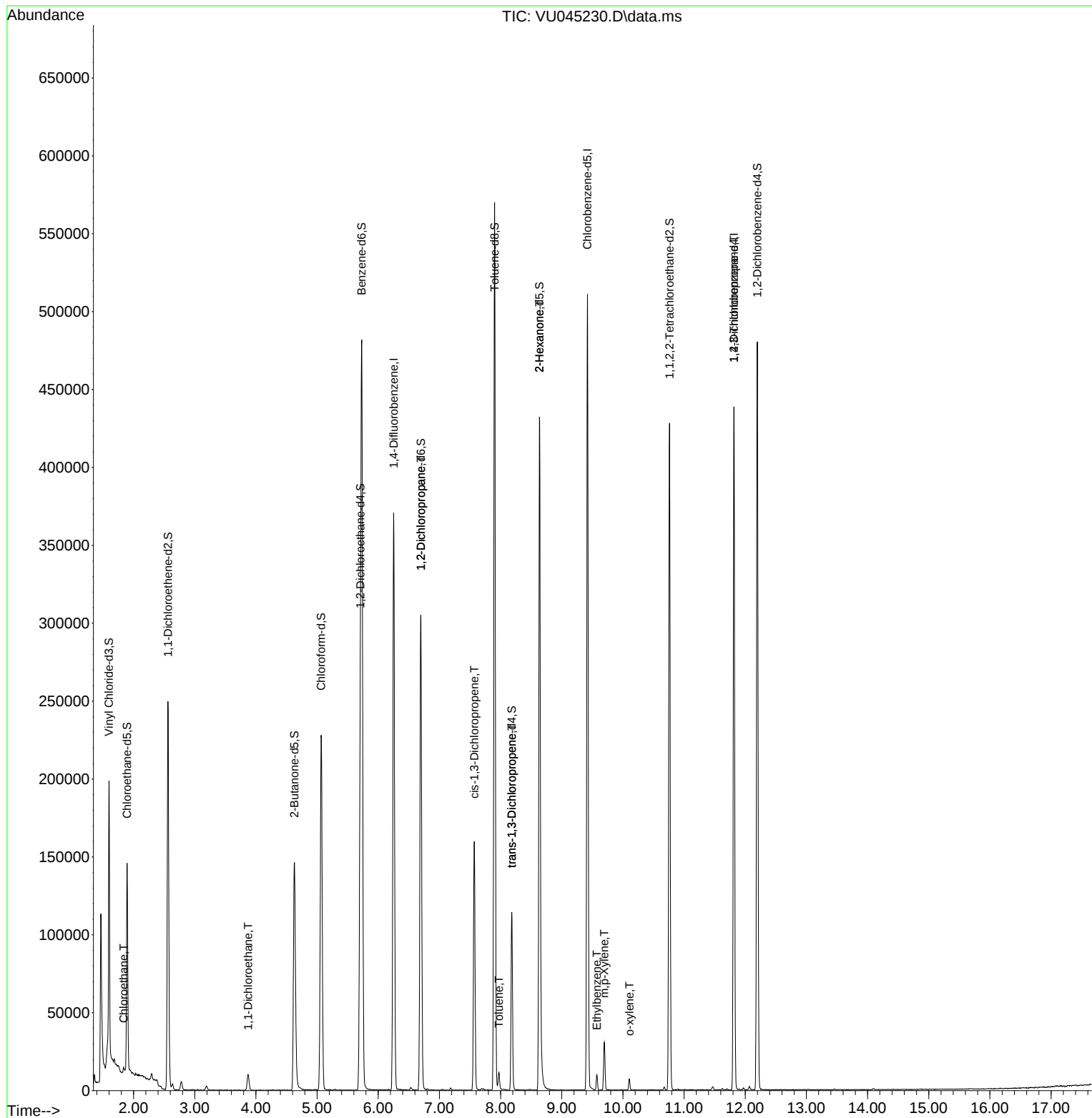
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	283046	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	261565	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	106273	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	113987	36.787	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.580%
7) Chloroethane-d5	1.893	69	101261	41.241	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.480%
11) 1,1-Dichloroethene-d2	2.562	63	152527	29.312	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.620%#
21) 2-Butanone-d5	4.629	46	212077	86.576	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.580%
24) Chloroform-d	5.066	84	204928	41.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.760%
26) 1,2-Dichloroethane-d4	5.706	65	146830	44.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.580%
32) Benzene-d6	5.729	84	423866	46.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.697	67	138248	46.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.420%
41) Toluene-d8	7.902	98	358988	45.832	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.660%
43) trans-1,3-Dichloroprop...	8.182	79	60124	45.671	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.340%
47) 2-Hexanone-d5	8.636	63	149931	91.419	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.420%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	212149	46.035	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.080%
66) 1,2-Dichlorobenzene-d4	12.198	152	116948	50.566	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.140%
Target Compounds						
					Qvalue	
8) Chloroethane	1.838	64	5048	2.430	ug/L #	55
19) 1,1-Dichloroethane	3.874	63	12385	2.578	ug/L	96
37) 1,2-Dichloropropane	6.697	63	15398	5.830	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3682	0.974	ug/L #	68
42) Toluene	7.973	91	7745	0.786	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	2471	0.688	ug/L #	74
48) 2-Hexanone	8.636	43	17737	4.533	ug/L #	68
52) Ethylbenzene	9.574	91	7402	0.711	ug/L	100
53) m,p-Xylene	9.697	106	8909	2.258	ug/L	86
54) o-xylene	10.108	106	2011	0.519	ug/L	86
60) 1,2,3-Trichloropropane	11.815	75	14025	4.772	ug/L #	68

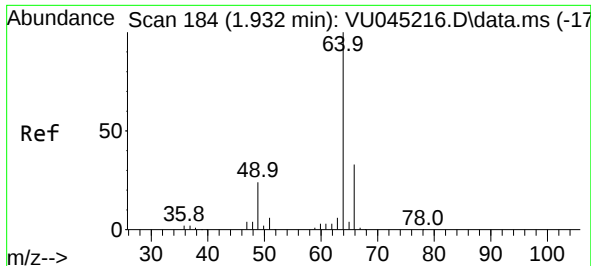
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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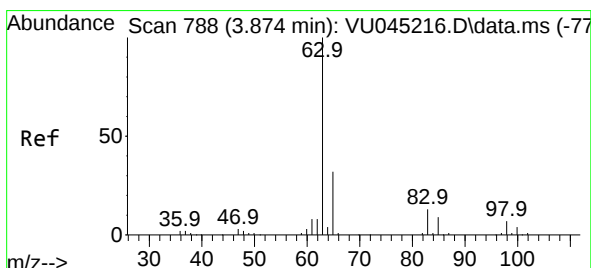
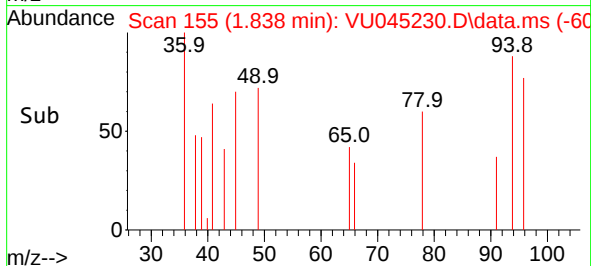
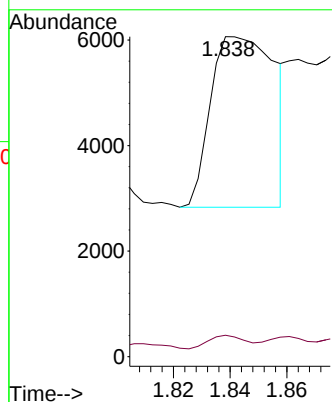
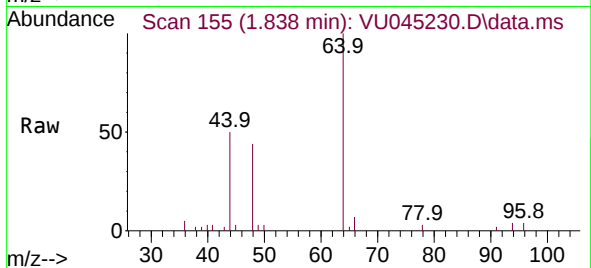




#8
Chloroethane
Concen: 2.430 ug/L
RT: 1.838 min Scan# 155
Delta R.T. -0.093 min
Lab File: VU045230.D
Acq: 08 Oct 2021 00:15

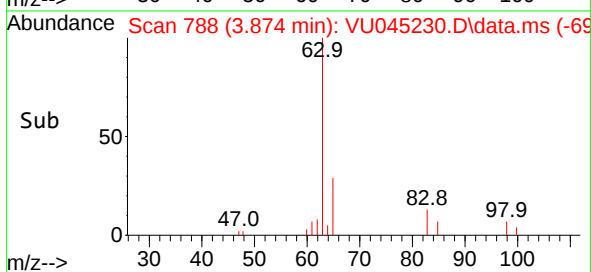
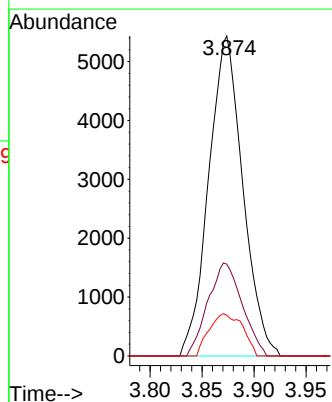
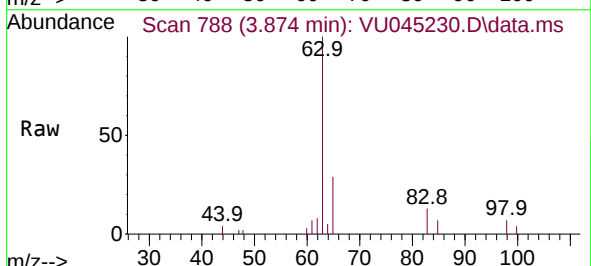
Instrument :
MSVOA_U
ClientSampleId :

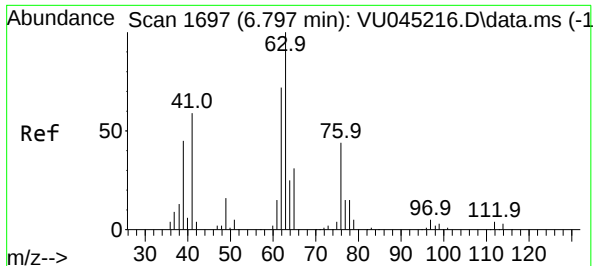
Tgt Ion: 64 Resp: 5048
Ion Ratio Lower Upper
64 100
66 6.7 22.3 41.3#



#19
1,1-Dichloroethane
Concen: 2.578 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU045230.D
Acq: 08 Oct 2021 00:15

Tgt Ion: 63 Resp: 12385
Ion Ratio Lower Upper
63 100
65 28.7 22.0 40.8
83 12.7 9.0 16.6



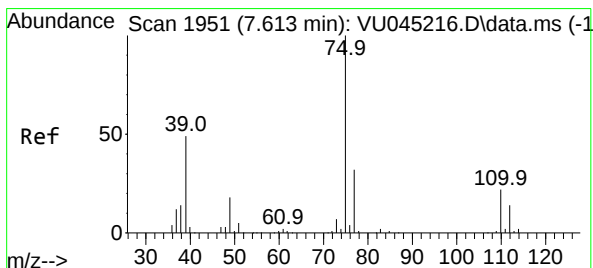
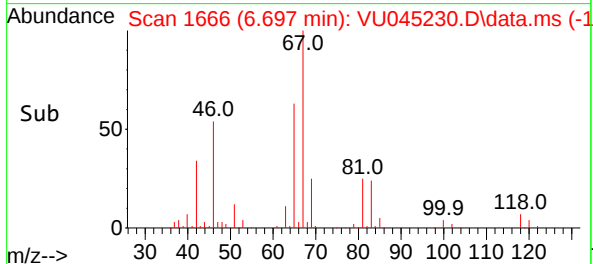
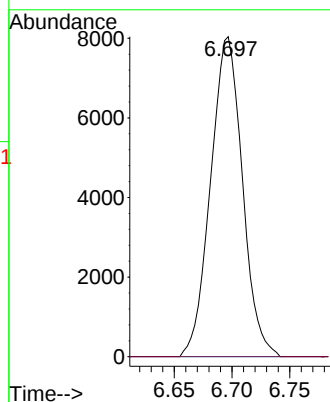
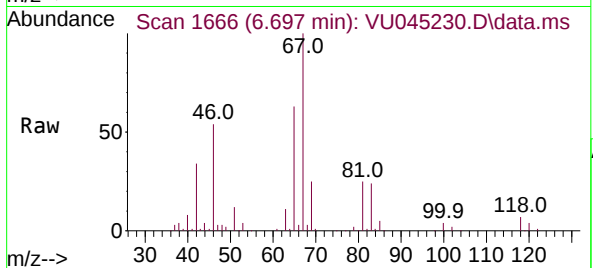


#37

1,2-Dichloropropane
Concen: 5.830 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045230.D
Acq: 08 Oct 2021 00:15

Instrument :
MSVOA_U
ClientSampled :

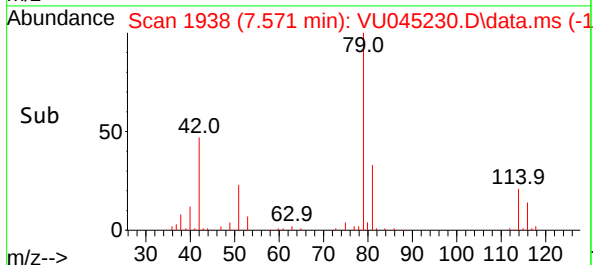
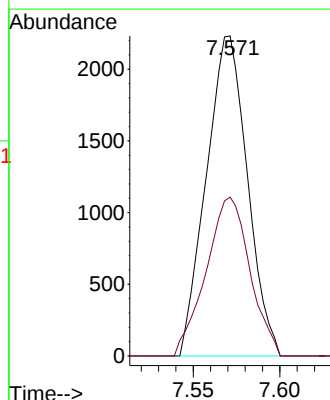
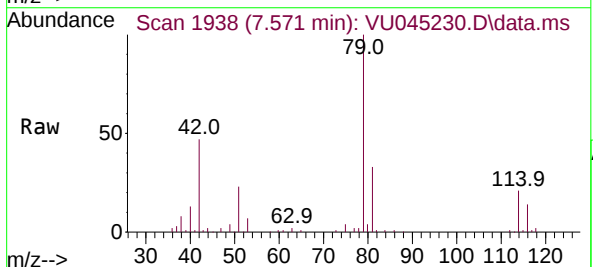
Tgt Ion: 63 Resp: 15398
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

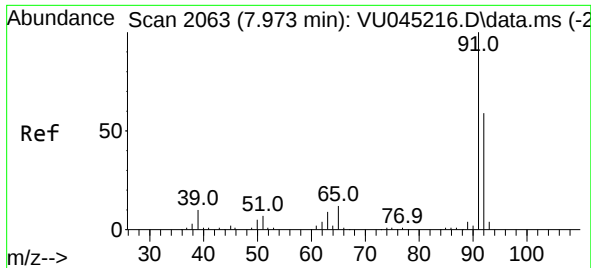


#39

cis-1,3-Dichloropropene
Concen: 0.974 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045230.D
Acq: 08 Oct 2021 00:15

Tgt Ion: 75 Resp: 3682
Ion Ratio Lower Upper
75 100
77 49.6 22.4 41.6#

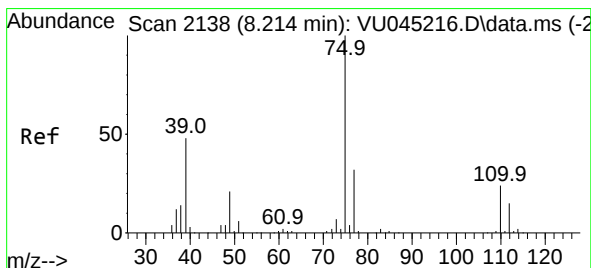
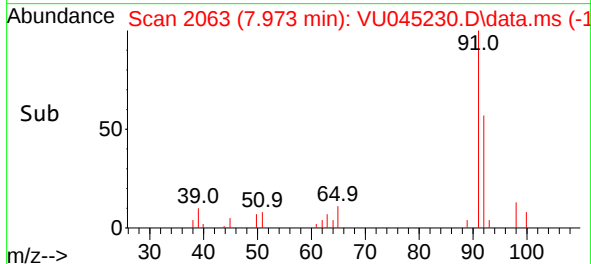
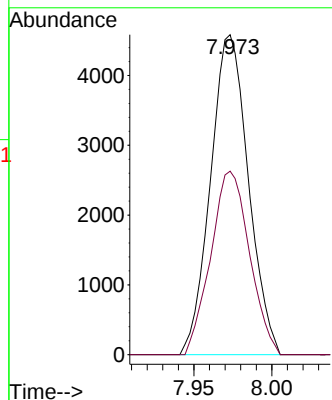
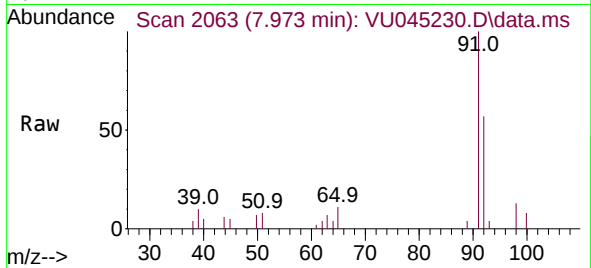




#42
Toluene
Concen: 0.786 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045230.D
Acq: 08 Oct 2021 00:15

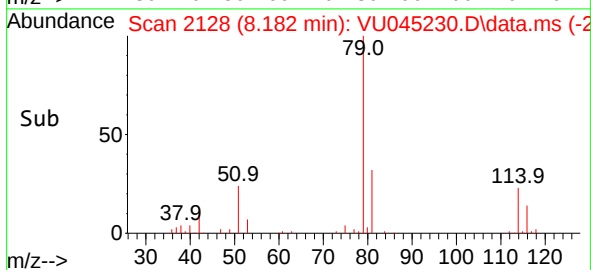
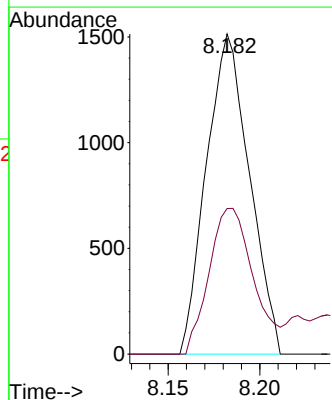
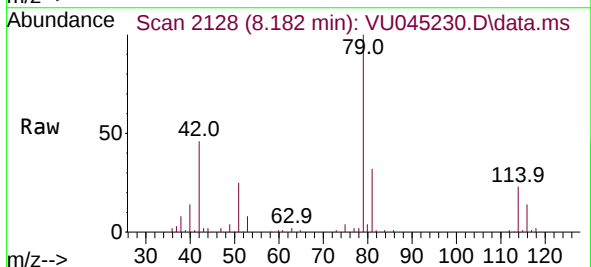
Instrument :
MSVOA_U
ClientSampled :

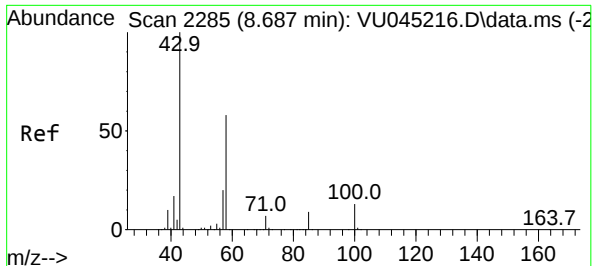
Tgt Ion: 91 Resp: 7745
Ion Ratio Lower Upper
91 100
92 57.3 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.688 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045230.D
Acq: 08 Oct 2021 00:15

Tgt Ion: 75 Resp: 2471
Ion Ratio Lower Upper
75 100
77 45.4 21.7 40.3#





#48

2-Hexanone

Concen: 4.533 ug/L

RT: 8.636 min Scan# 2269

Delta R.T. -0.052 min

Lab File: VU045230.D

Acq: 08 Oct 2021 00:15

Tgt Ion: 43 Resp: 17737

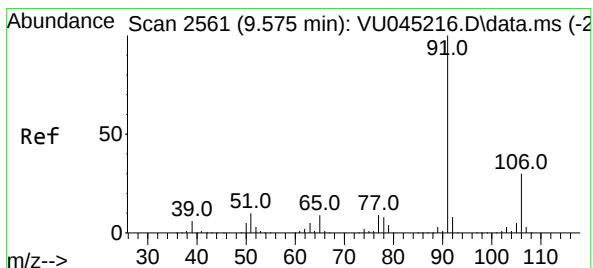
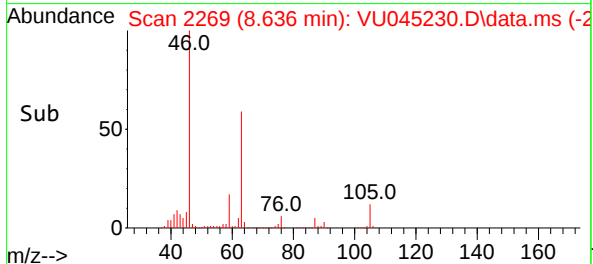
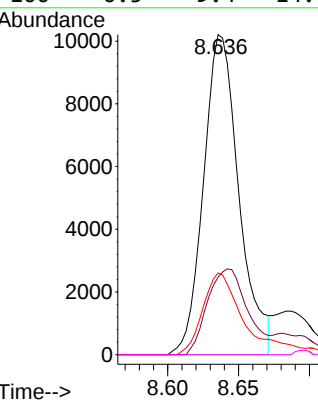
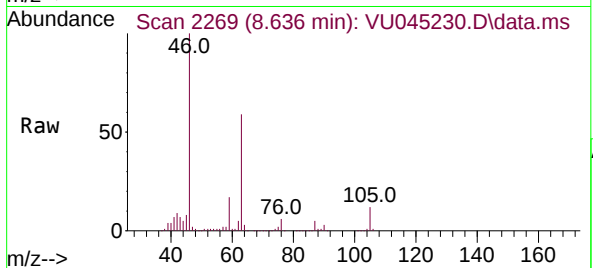
Ion Ratio Lower Upper

43 100

58 30.3 44.9 67.3#

57 29.6 15.5 23.3#

100 0.5 9.4 14.0#



#52

Ethylbenzene

Concen: 0.711 ug/L

RT: 9.574 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU045230.D

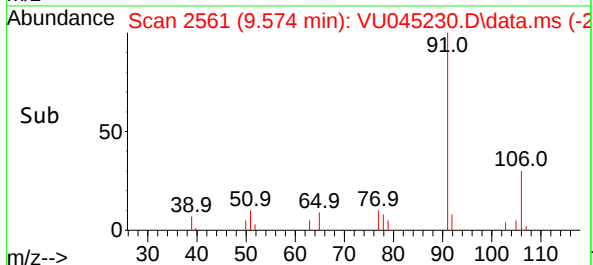
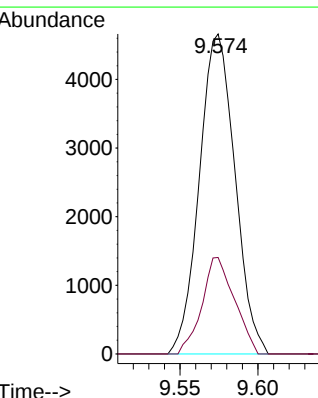
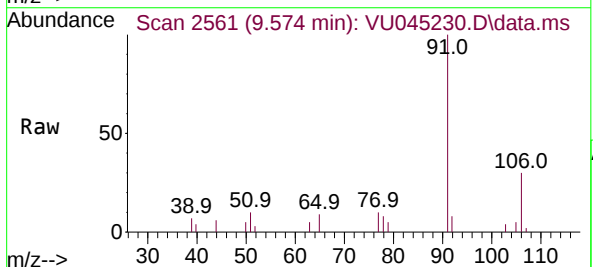
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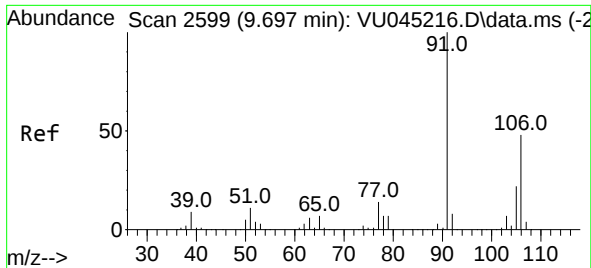
Tgt Ion: 91 Resp: 7402

Ion Ratio Lower Upper

91 100

106 30.2 21.2 39.4

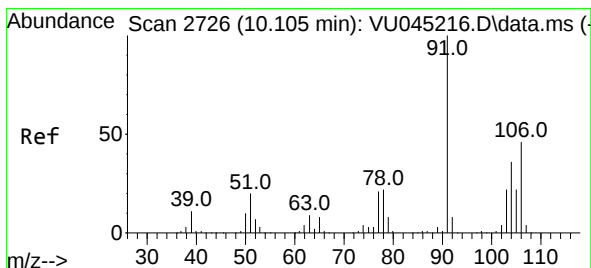
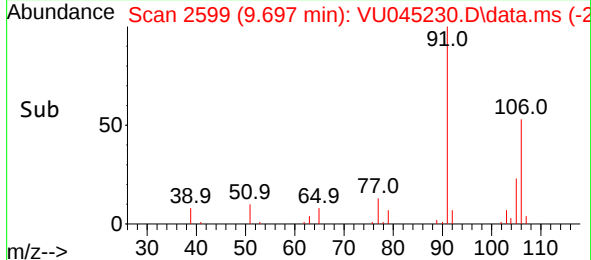
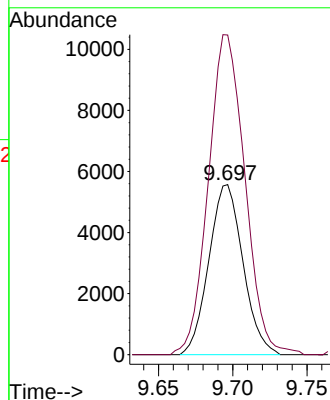
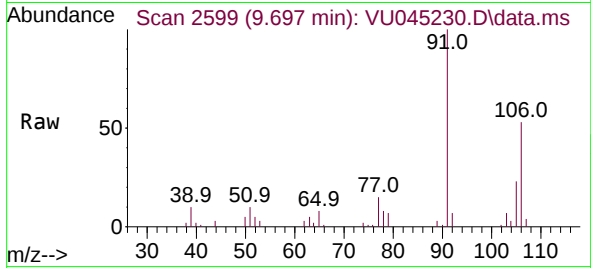




#53
m,p-Xylene
Concen: 2.258 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045230.D
Acq: 08 Oct 2021 00:15

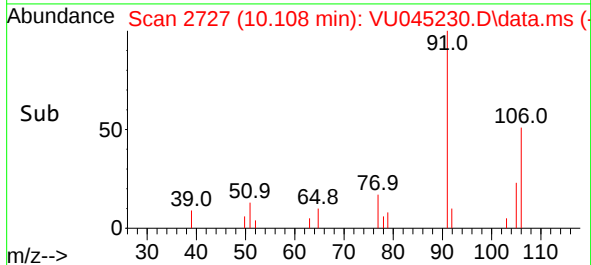
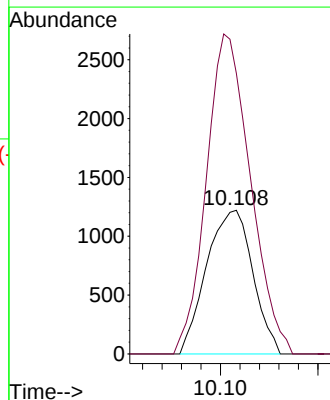
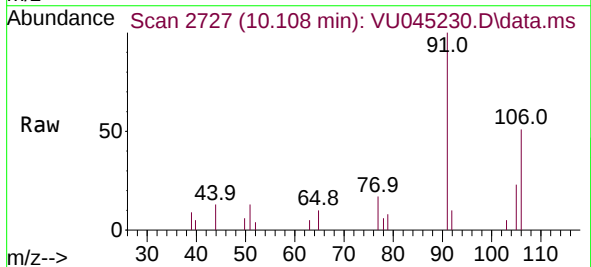
Instrument :
MSVOA_U
ClientSampled :

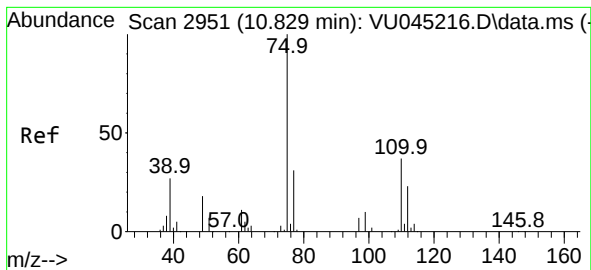
Tgt Ion:106 Resp: 8909
Ion Ratio Lower Upper
106 100
91 188.0 146.7 272.4



#54
o-xylene
Concen: 0.519 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU045230.D
Acq: 08 Oct 2021 00:15

Tgt Ion:106 Resp: 2011
Ion Ratio Lower Upper
106 100
91 195.5 152.9 283.9





#60
 1,2,3-Trichloropropane
 Concen: 4.772 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU045230.D
 Acq: 08 Oct 2021 00:15

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 14025
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.5 38.3
 110 2.0 29.0 43.4#

