

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045229.D
 Acq On : 07 Oct 2021 23:52
 Operator : SY/MD
 Sample : M4138-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 08 02:13:39 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)

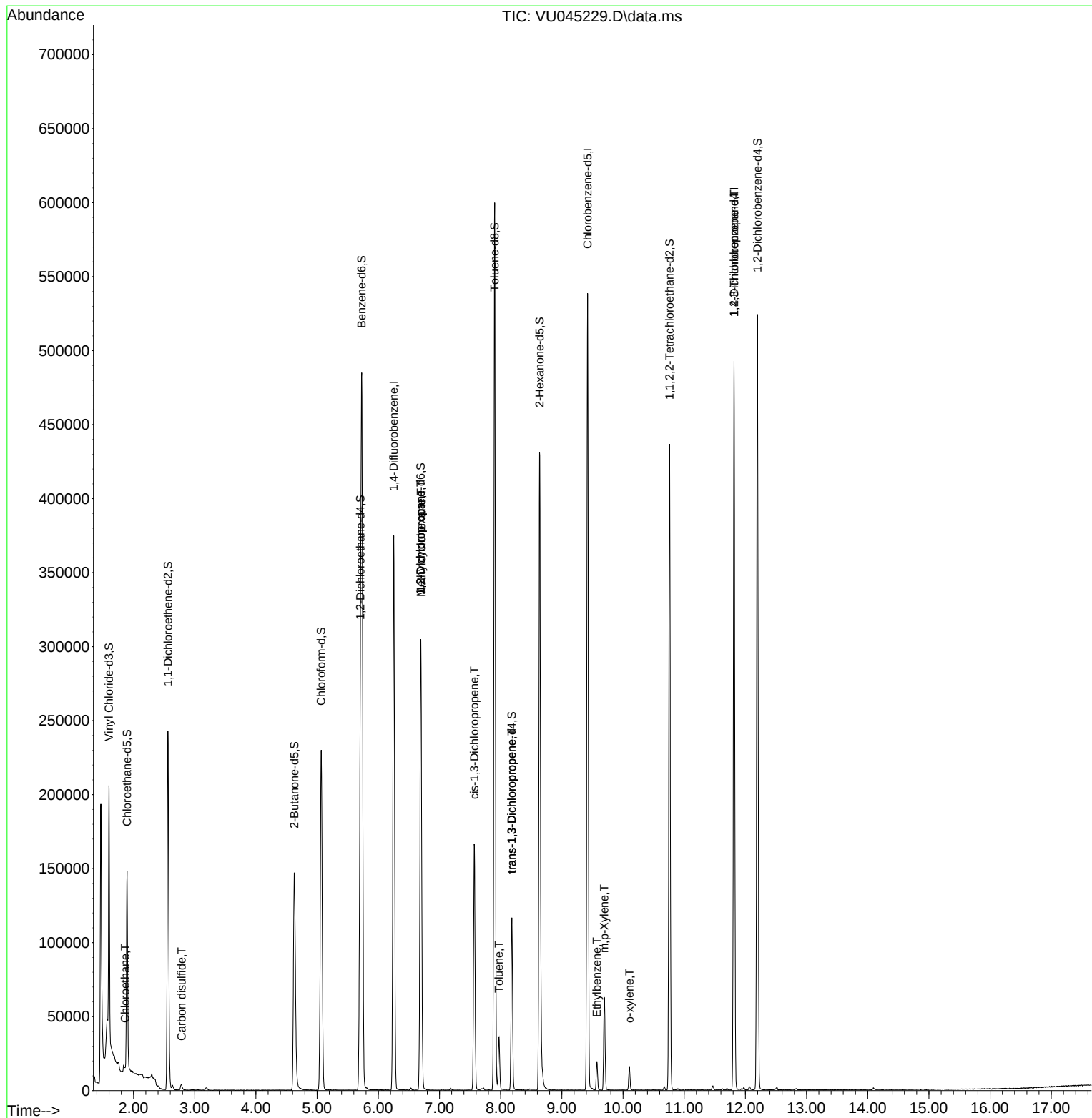
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	287230	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	276296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	119565	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	110665	35.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.400%
7) Chloroethane-d5	1.893	69	100456	40.317	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.640%
11) 1,1-Dichloroethene-d2	2.562	63	148177	28.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.120%#
21) 2-Butanone-d5	4.626	46	212596	85.523	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.520%
24) Chloroform-d	5.067	84	208675	42.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.040%
26) 1,2-Dichloroethane-d4	5.707	65	149184	44.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.700%
32) Benzene-d6	5.729	84	431132	44.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
36) 1,2-Dichloropropane-d6	6.694	67	140066	44.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.600%
41) Toluene-d8	7.903	98	371484	44.899	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.182	79	60541	43.536	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.080%
47) 2-Hexanone-d5	8.636	63	150727	87.004	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.000%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	215961	44.364	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.720%
66) 1,2-Dichlorobenzene-d4	12.198	152	129810	49.887	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.780%
Target Compounds						
					Qvalue	
8) Chloroethane	1.861	64	9822	4.660	ug/L #	50
14) Carbon disulfide	2.787	76	1867	0.262	ug/L	99
35) Methylcyclohexane	6.697	83	33139	8.042	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	15972	5.724	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3952	0.990	ug/L #	66
42) Toluene	7.973	91	24765	2.378	ug/L	100
44) trans-1,3-Dichloropropene	8.182	75	2653	0.699	ug/L	86
52) Ethylbenzene	9.575	91	14081	1.280	ug/L	98
53) m,p-Xylene	9.693	106	17302	4.152	ug/L	89
54) o-xylene	10.105	106	4274	1.044	ug/L	91
60) 1,2,3-Trichloropropane	11.816	75	16023	4.845	ug/L #	69

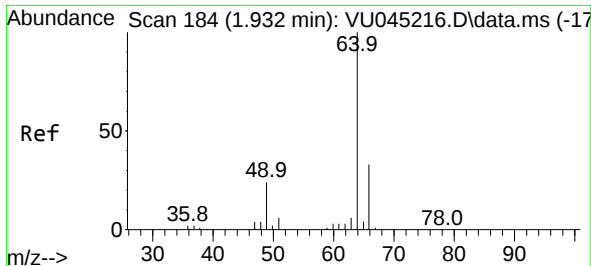
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
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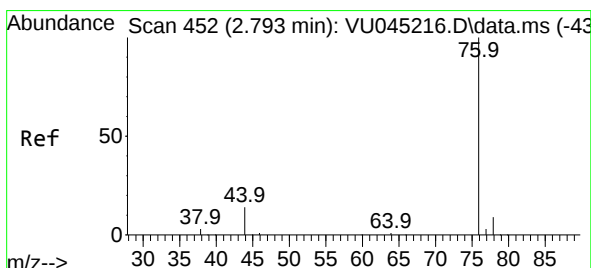
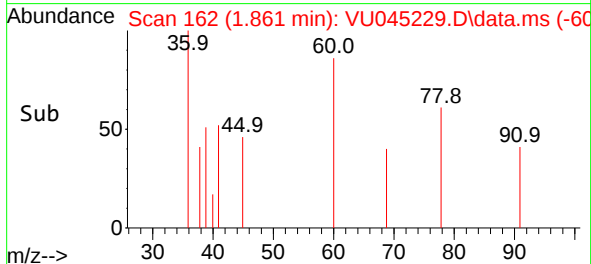
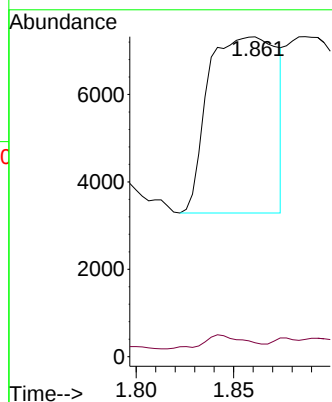
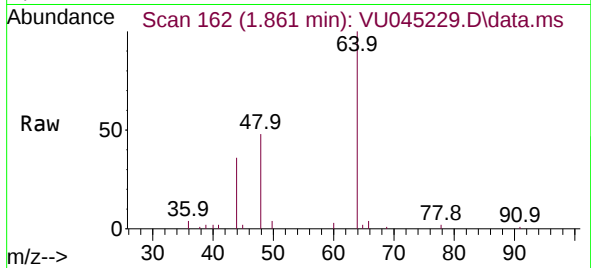




#8
Chloroethane
Concen: 4.660 ug/L
RT: 1.861 min Scan# 162
Delta R.T. -0.071 min
Lab File: VU045229.D
Acq: 07 Oct 2021 23:52

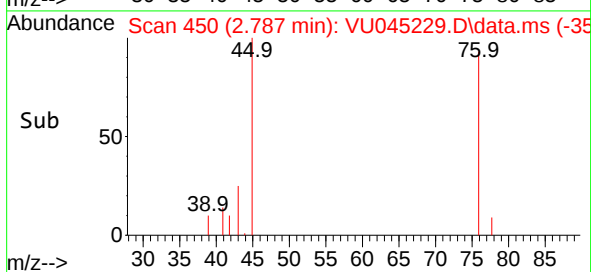
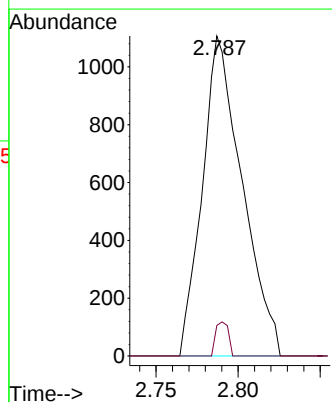
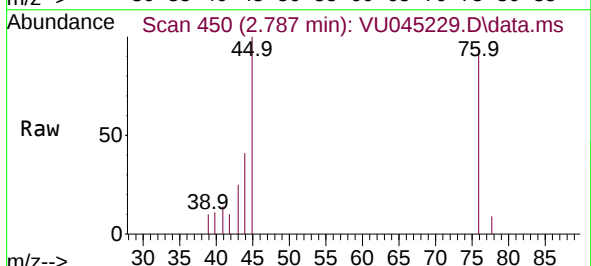
Instrument :
MSVOA_U
ClientSampled :

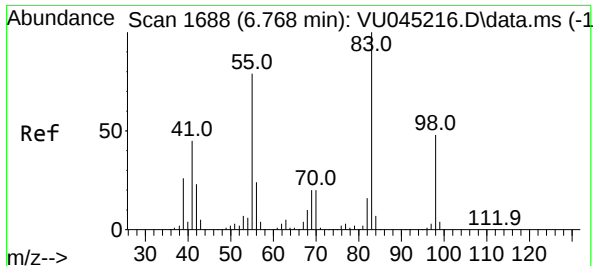
Tgt Ion: 64 Resp: 9822
Ion Ratio Lower Upper
64 100
66 4.2 22.3 41.3#



#14
Carbon disulfide
Concen: 0.262 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.006 min
Lab File: VU045229.D
Acq: 07 Oct 2021 23:52

Tgt Ion: 76 Resp: 1867
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9





#35

Methylcyclohexane

Concen: 8.042 ug/L

RT: 6.697 min Scan# 1666

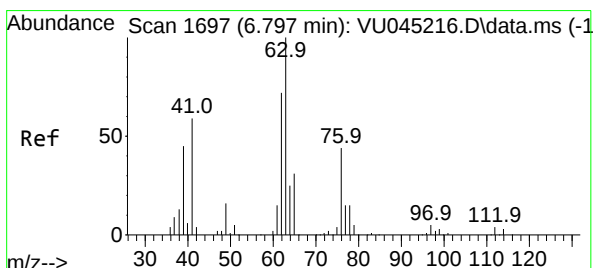
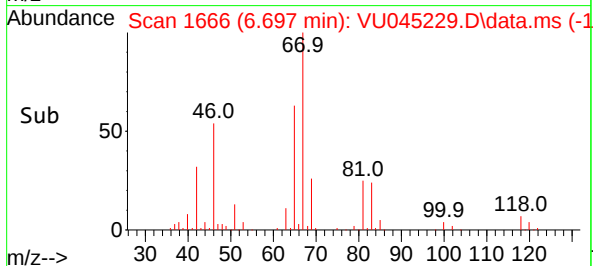
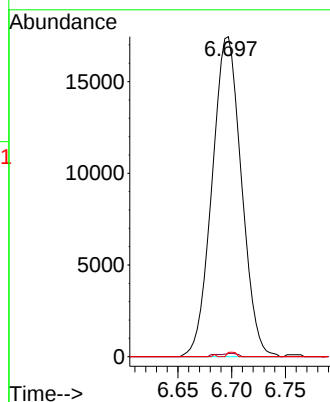
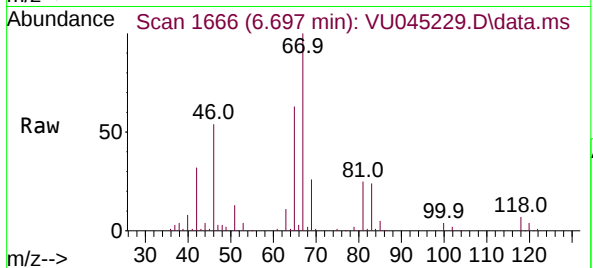
Delta R.T. -0.071 min

Lab File: VU045229.D

Acq: 07 Oct 2021 23:52

Tgt Ion:	83	Resp:	33139
Ion	Ratio	Lower	Upper
83	100		
55	0.4	65.8	98.6#
98	0.4	37.1	55.7#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 5.724 ug/L

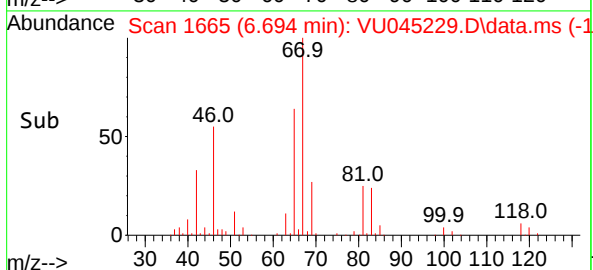
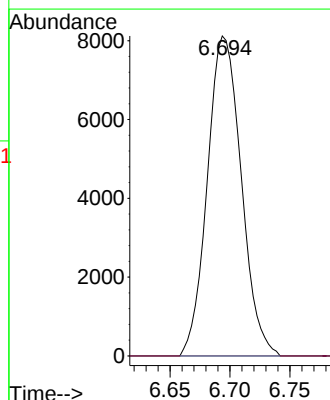
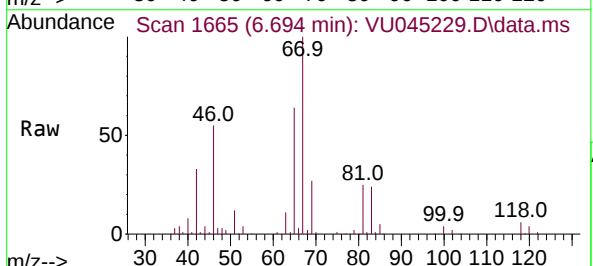
RT: 6.694 min Scan# 1665

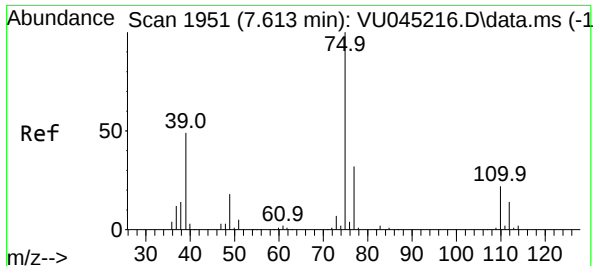
Delta R.T. -0.103 min

Lab File: VU045229.D

Acq: 07 Oct 2021 23:52

Tgt Ion:	63	Resp:	15972
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



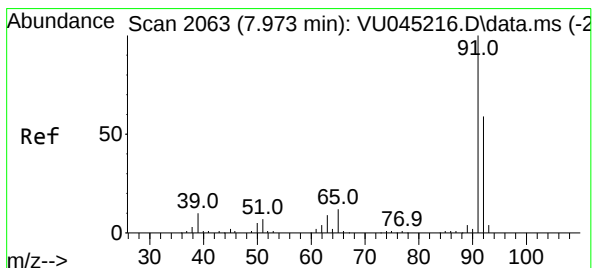
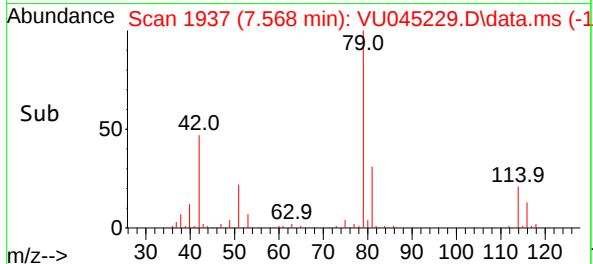
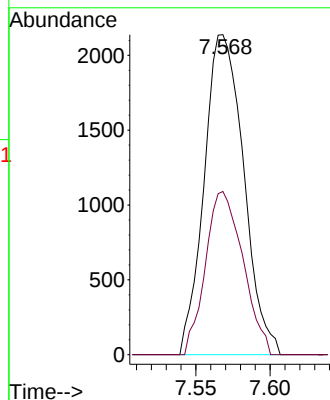
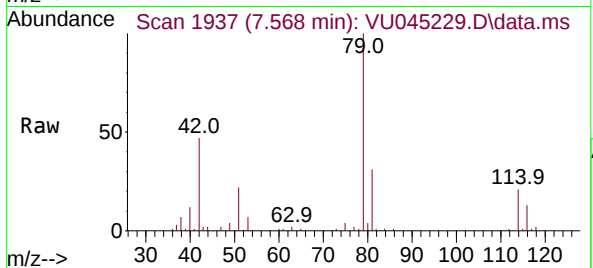


#39

cis-1,3-Dichloropropene
Concen: 0.990 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045229.D
Acq: 07 Oct 2021 23:52

Instrument :
MSVOA_U
ClientSampleId :

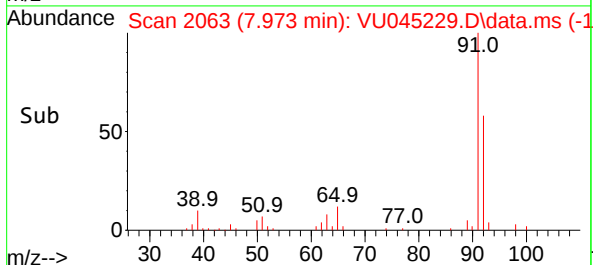
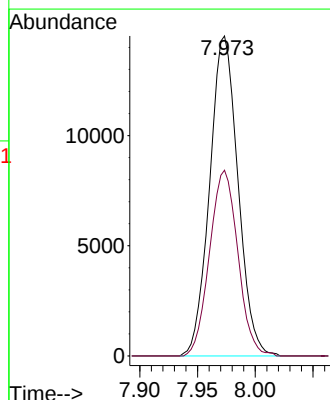
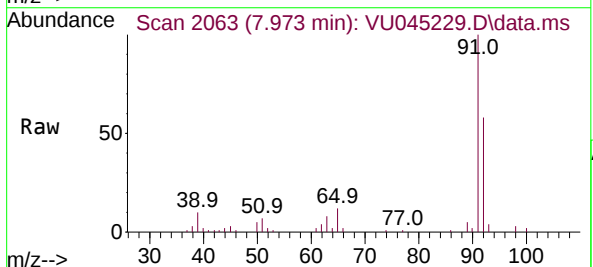
Tgt Ion: 75 Resp: 3952
Ion Ratio Lower Upper
75 100
77 51.0 22.4 41.6#

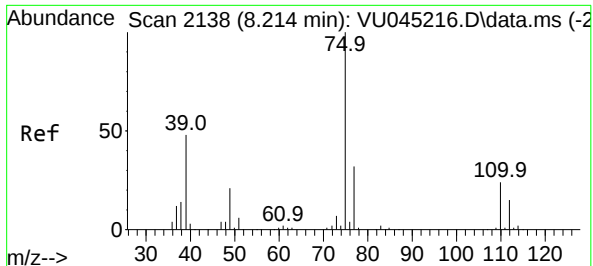


#42

Toluene
Concen: 2.378 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045229.D
Acq: 07 Oct 2021 23:52

Tgt Ion: 91 Resp: 24765
Ion Ratio Lower Upper
91 100
92 58.1 40.5 75.1

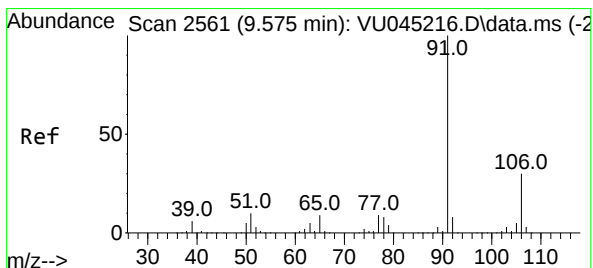
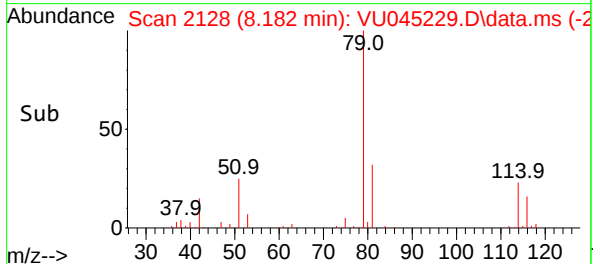
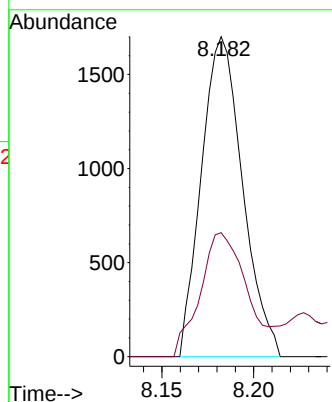
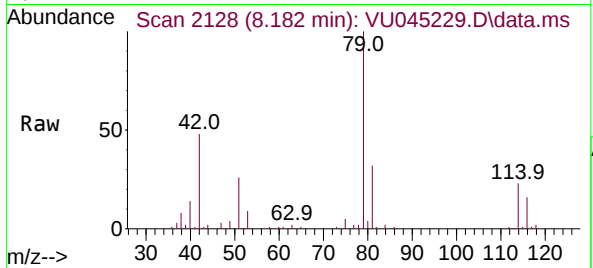




#44
trans-1,3-Dichloropropene
Concen: 0.699 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045229.D
Acq: 07 Oct 2021 23:52

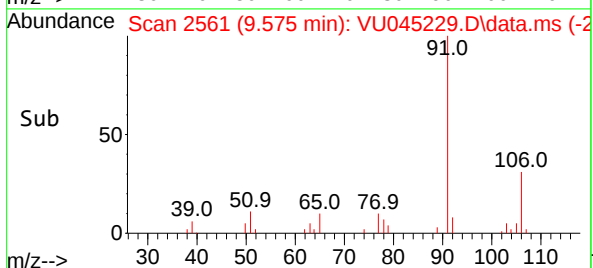
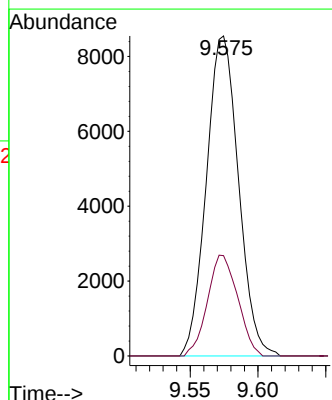
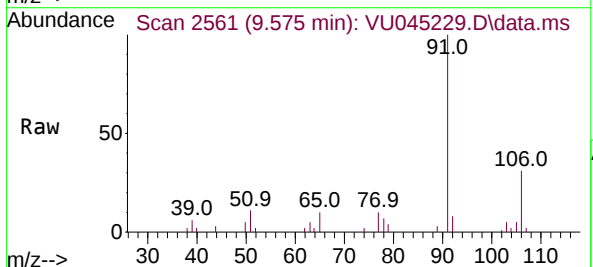
Instrument :
MSVOA_U
ClientSampled :

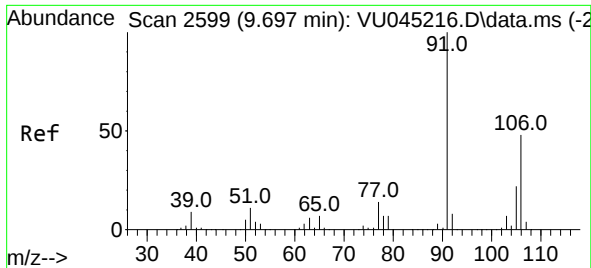
Tgt Ion: 75 Resp: 2653
Ion Ratio Lower Upper
75 100
77 38.7 21.7 40.3



#52
Ethylbenzene
Concen: 1.280 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045229.D
Acq: 07 Oct 2021 23:52

Tgt Ion: 91 Resp: 14081
Ion Ratio Lower Upper
91 100
106 31.3 21.2 39.4

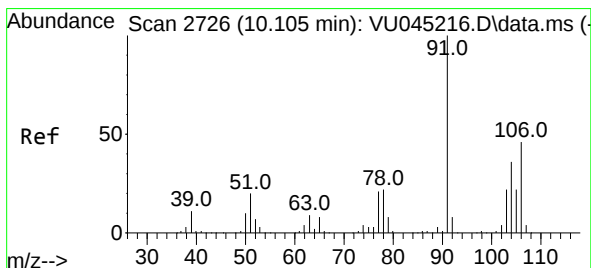
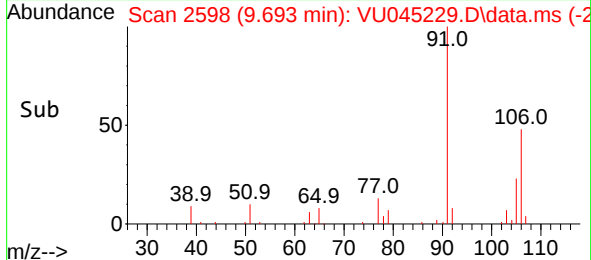
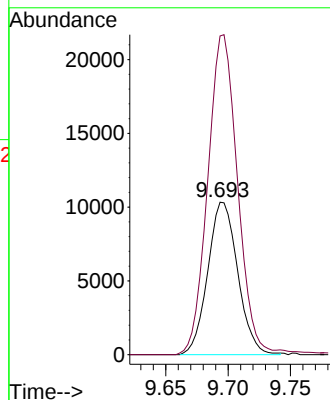
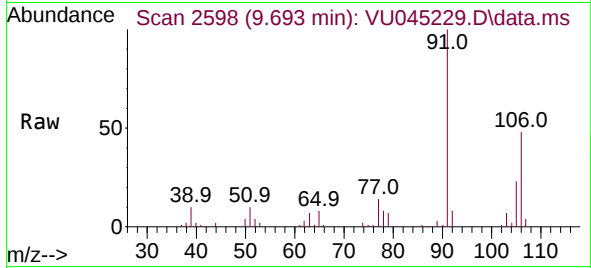




#53
m,p-Xylene
Concen: 4.152 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU045229.D
Acq: 07 Oct 2021 23:52

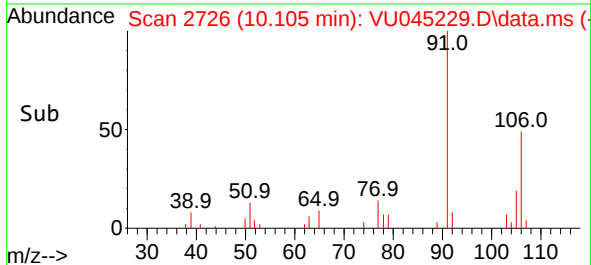
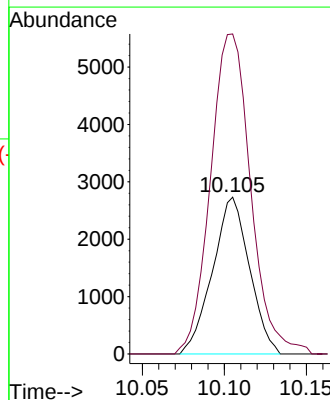
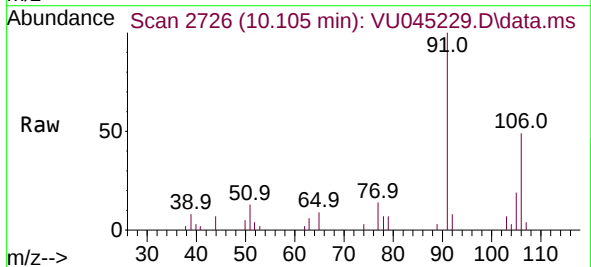
Instrument :
MSVOA_U
ClientSampled :

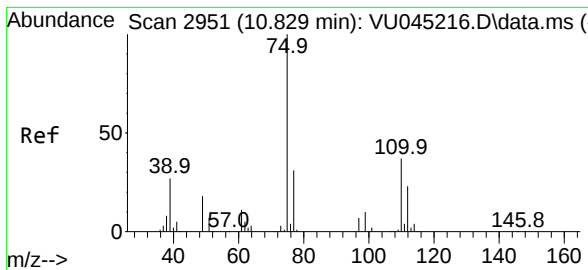
Tgt Ion:106 Resp: 17302
Ion Ratio Lower Upper
106 100
91 192.8 146.7 272.4



#54
o-xylene
Concen: 1.044 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045229.D
Acq: 07 Oct 2021 23:52

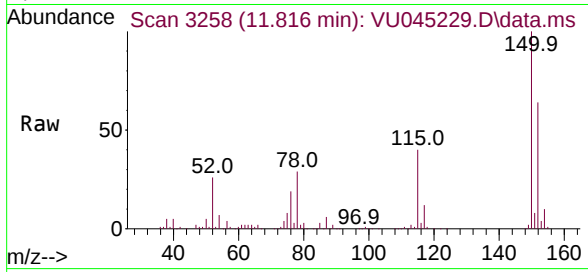
Tgt Ion:106 Resp: 4274
Ion Ratio Lower Upper
106 100
91 204.0 152.9 283.9





#60
 1,2,3-Trichloropropane
 Concen: 4.845 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU045229.D
 Acq: 07 Oct 2021 23:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	16023
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.5	38.3
110	2.0	29.0	43.4#

