

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045228.D
 Acq On : 07 Oct 2021 23:28
 Operator : SY/MD
 Sample : M4138-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 08 02:13:28 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)

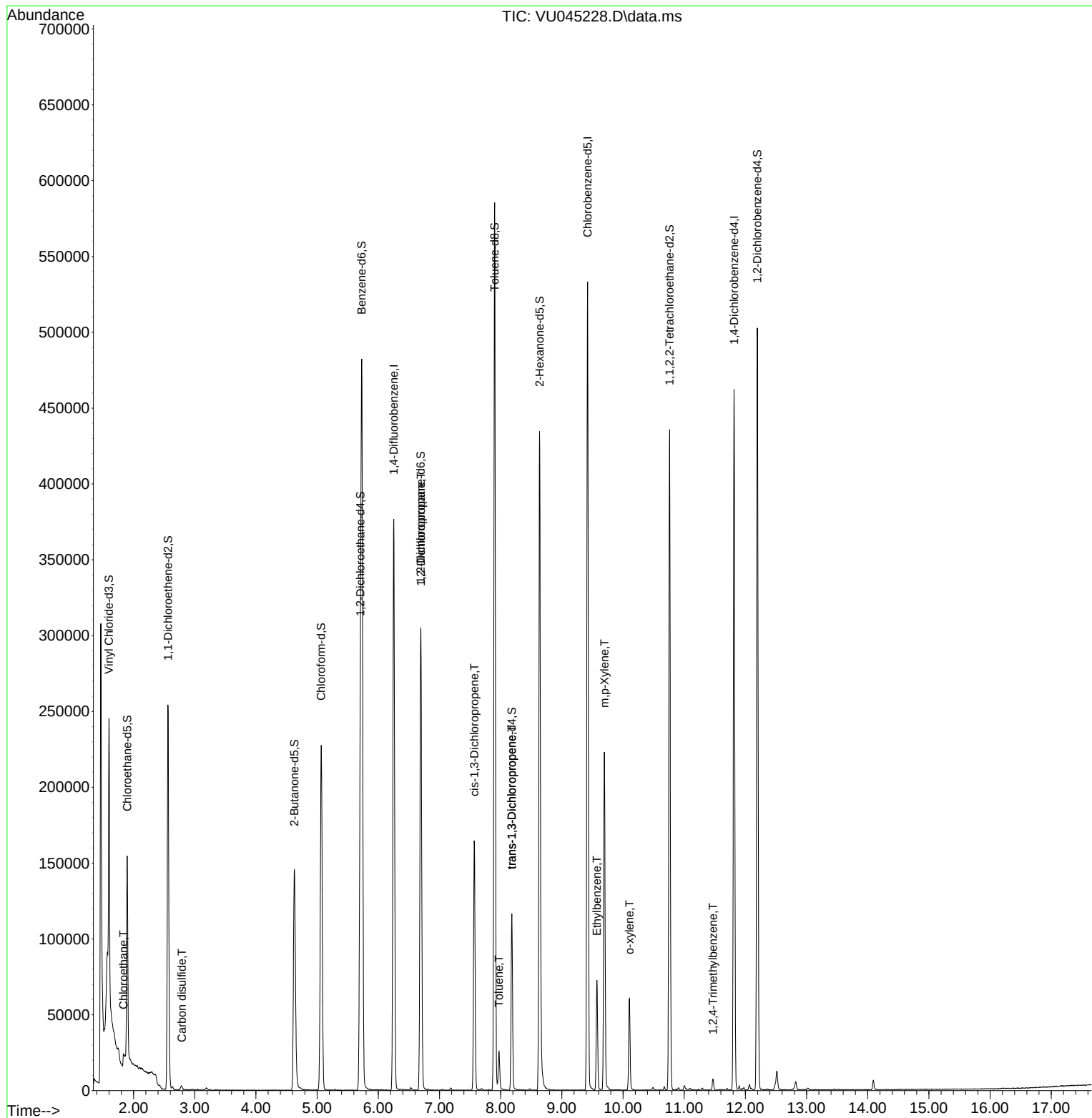
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	290963	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	274678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	113559	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	120477	37.824	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.640%
7) Chloroethane-d5	1.896	69	101883	40.365	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.720%
11) 1,1-Dichloroethene-d2	2.562	63	155372	29.047	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.100%#
21) 2-Butanone-d5	4.626	46	210351	83.535	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.530%
24) Chloroform-d	5.067	84	205329	40.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.640%
26) 1,2-Dichloroethane-d4	5.706	65	148364	43.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
32) Benzene-d6	5.729	84	428347	44.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.880%
36) 1,2-Dichloropropane-d6	6.694	67	139351	44.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.680%
41) Toluene-d8	7.903	98	367471	44.676	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.360%
43) trans-1,3-Dichloroprop...	8.182	79	60755	43.948	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.900%
47) 2-Hexanone-d5	8.636	63	151167	87.772	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.770%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	215452	44.520	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	122943	49.747	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.500%
Target Compounds						
					Qvalue	
8) Chloroethane	1.835	64	5527	2.588	ug/L #	52
14) Carbon disulfide	2.790	76	1903	0.264	ug/L #	75
37) 1,2-Dichloropropane	6.697	63	15694	5.658	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3647	0.919	ug/L #	63
42) Toluene	7.973	91	17234	1.665	ug/L	92
44) trans-1,3-Dichloropropene	8.182	75	2732	0.724	ug/L	95
52) Ethylbenzene	9.575	91	50997	4.664	ug/L	98
53) m,p-Xylene	9.697	106	61272	14.791	ug/L	98
54) o-xylene	10.105	106	16132	3.963	ug/L	97
63) 1,2,4-Trimethylbenzene	11.472	105	4311	0.607	ug/L	94

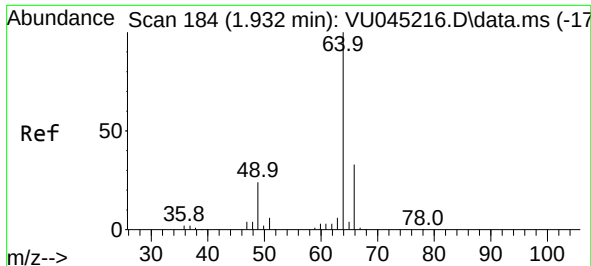
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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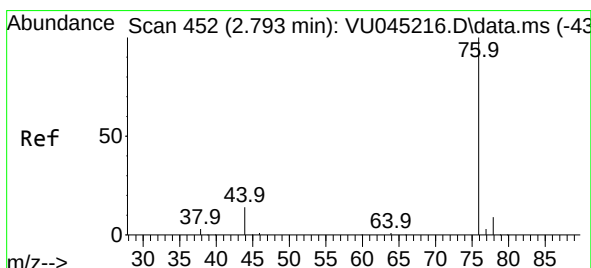
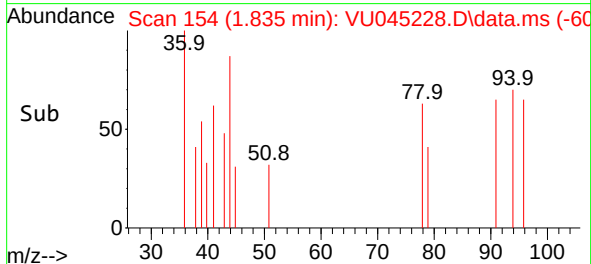
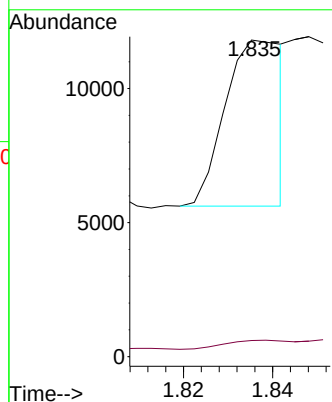
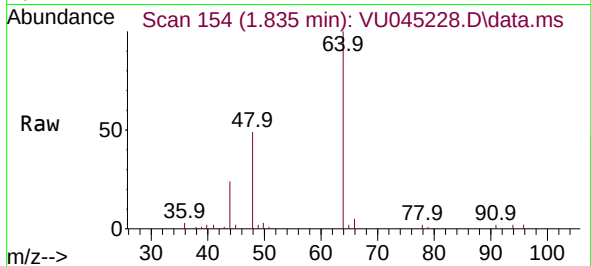




#8
Chloroethane
Concen: 2.588 ug/L
RT: 1.835 min Scan# 154
Delta R.T. -0.097 min
Lab File: VU045228.D
Acq: 07 Oct 2021 23:28

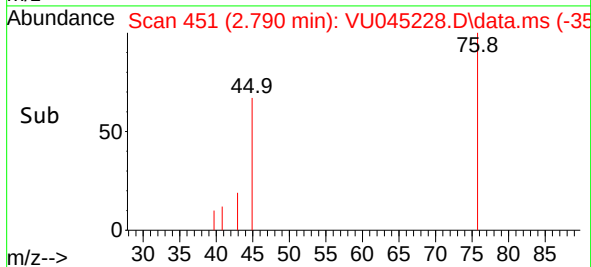
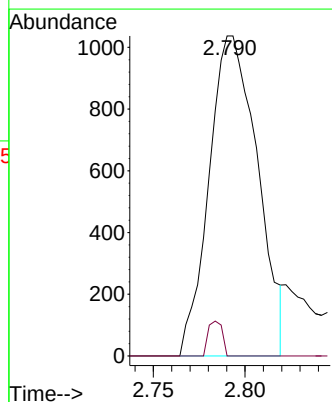
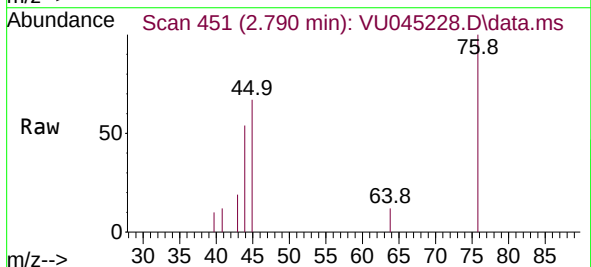
Instrument :
MSVOA_U
ClientSampled :

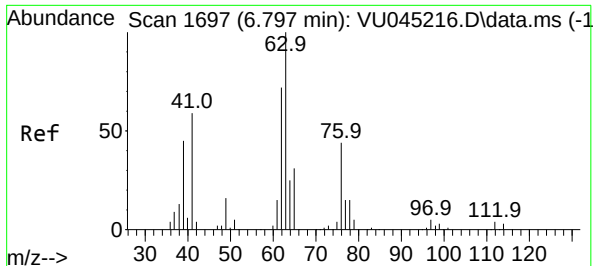
Tgt Ion: 64 Resp: 5527
Ion Ratio Lower Upper
64 100
66 5.1 22.3 41.3#



#14
Carbon disulfide
Concen: 0.264 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU045228.D
Acq: 07 Oct 2021 23:28

Tgt Ion: 76 Resp: 1903
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



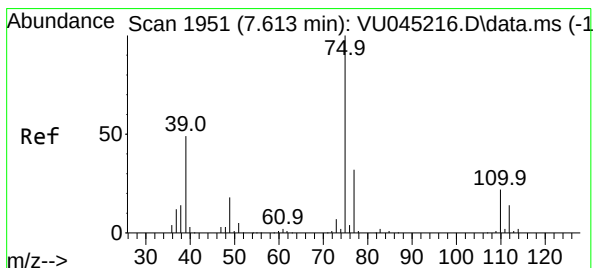
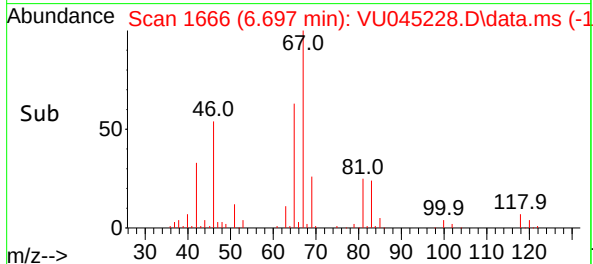
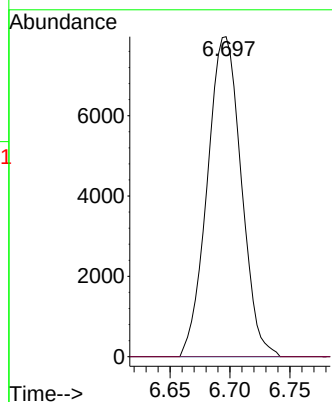
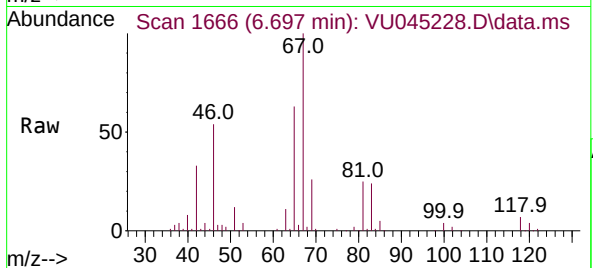


#37

1,2-Dichloropropane
Concen: 5.658 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045228.D
Acq: 07 Oct 2021 23:28

Instrument :
MSVOA_U
ClientSampled :

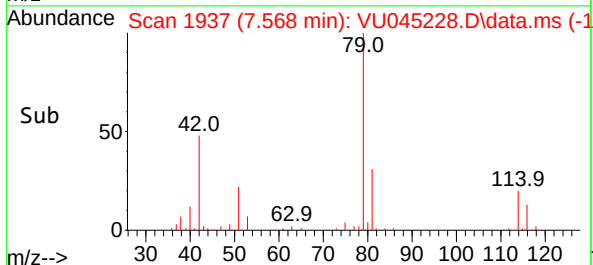
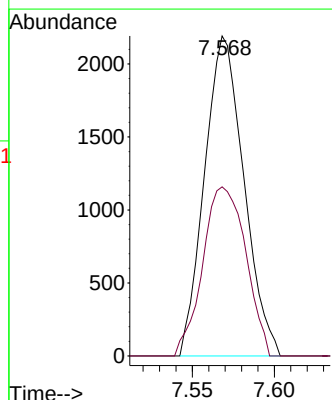
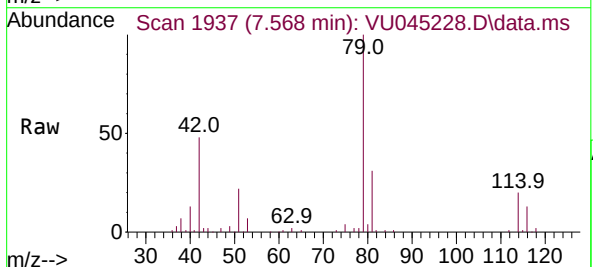
Tgt Ion: 63 Resp: 15694
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

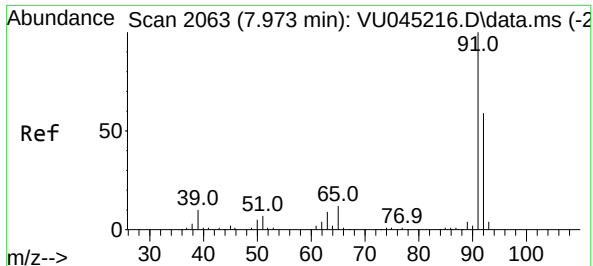


#39

cis-1,3-Dichloropropene
Concen: 0.919 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045228.D
Acq: 07 Oct 2021 23:28

Tgt Ion: 75 Resp: 3647
Ion Ratio Lower Upper
75 100
77 52.8 22.4 41.6#

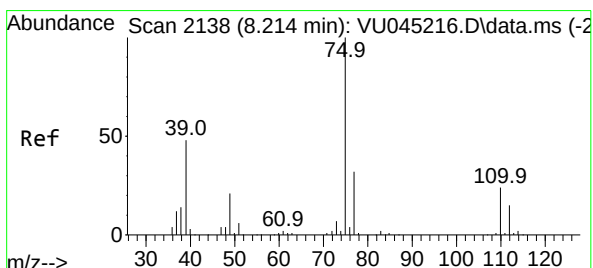
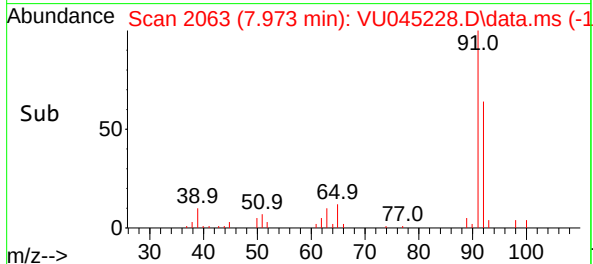
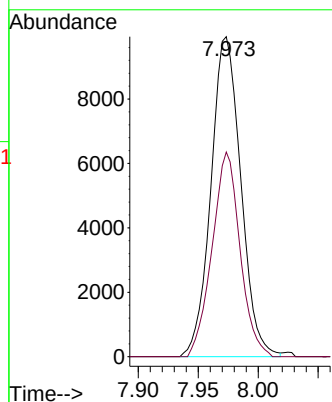
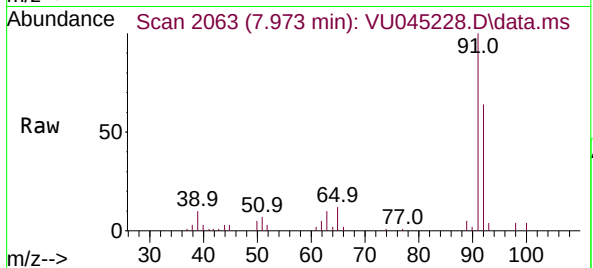




#42
Toluene
Concen: 1.665 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045228.D
Acq: 07 Oct 2021 23:28

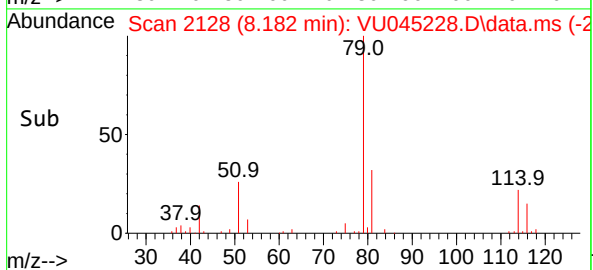
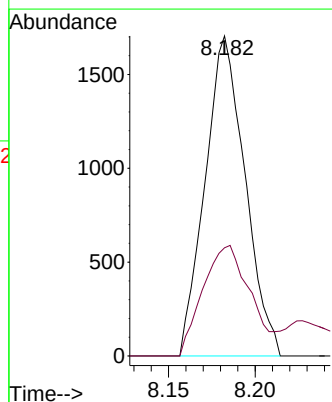
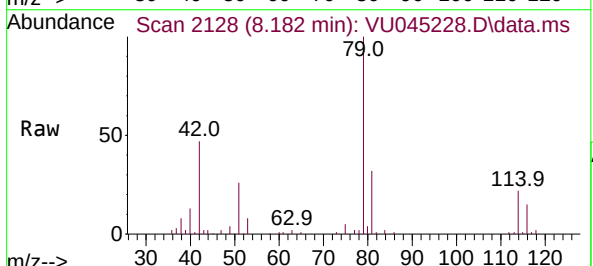
Instrument :
MSVOA_U
ClientSampled :

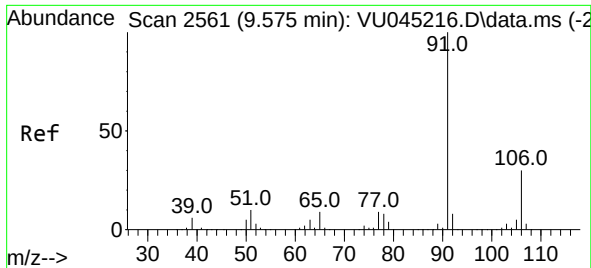
Tgt Ion: 91 Resp: 17234
Ion Ratio Lower Upper
91 100
92 64.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.724 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045228.D
Acq: 07 Oct 2021 23:28

Tgt Ion: 75 Resp: 2732
Ion Ratio Lower Upper
75 100
77 33.8 21.7 40.3

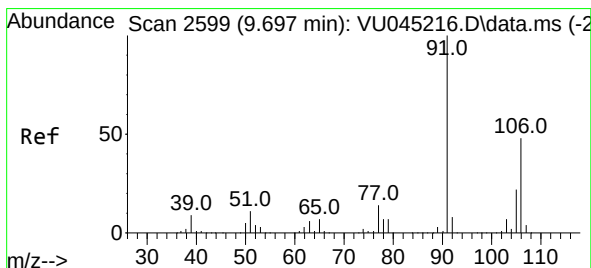
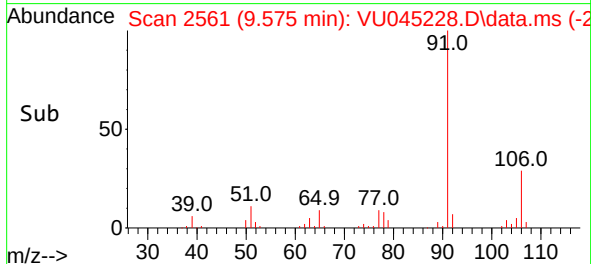
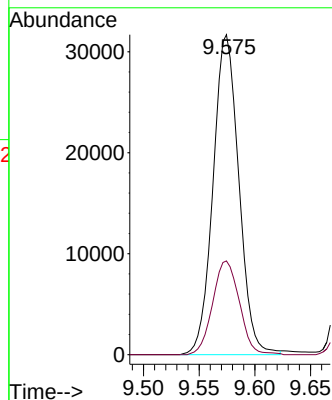
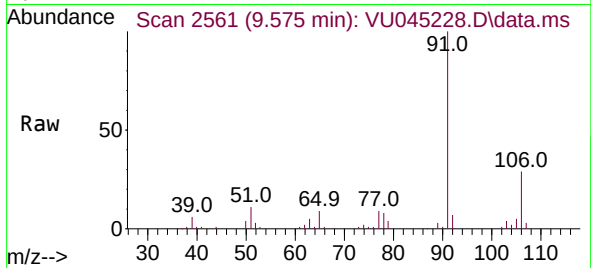




#52
Ethylbenzene
Concen: 4.664 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045228.D
Acq: 07 Oct 2021 23:28

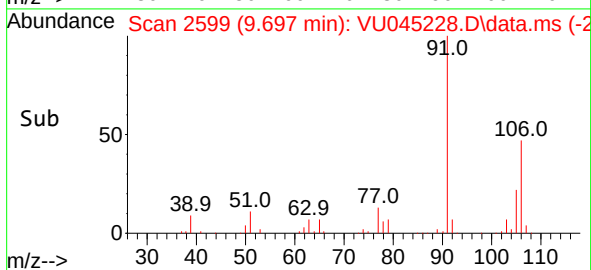
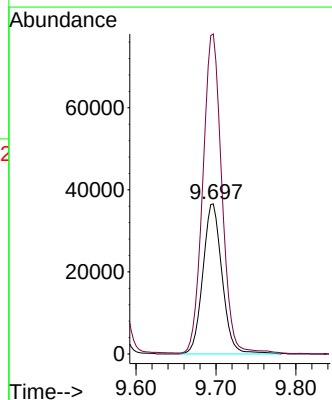
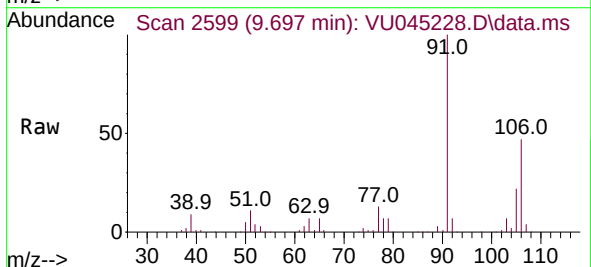
Instrument :
MSVOA_U
ClientSampled :

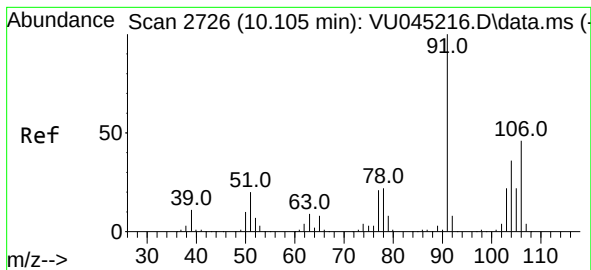
Tgt Ion: 91 Resp: 50997
Ion Ratio Lower Upper
91 100
106 29.3 21.2 39.4



#53
m,p-Xylene
Concen: 14.791 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045228.D
Acq: 07 Oct 2021 23:28

Tgt Ion: 106 Resp: 61272
Ion Ratio Lower Upper
106 100
91 213.1 146.7 272.4





#54

o-xylene

Concen: 3.963 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. -0.000 min

Lab File: VU045228.D

Acq: 07 Oct 2021 23:28

Tgt Ion:106 Resp: 16132

Ion Ratio Lower Upper

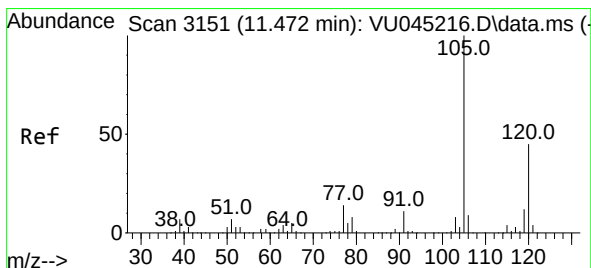
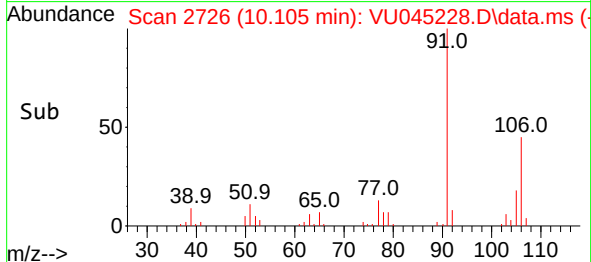
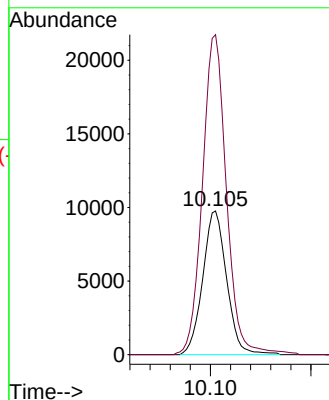
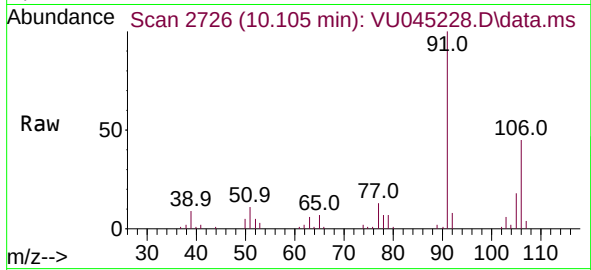
106 100

91 222.8 152.9 283.9

Instrument :

MSVOA_U

ClientSampleId :



#63

1,2,4-Trimethylbenzene

Concen: 0.607 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VU045228.D

Acq: 07 Oct 2021 23:28

Tgt Ion:105 Resp: 4311

Ion Ratio Lower Upper

105 100

120 41.0 35.7 53.5

