

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043929.D
 Acq On : 24 May 2021 23:36
 Operator : SY/MD
 Sample : M2494-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB432

Quant Time: May 25 04:15:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

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

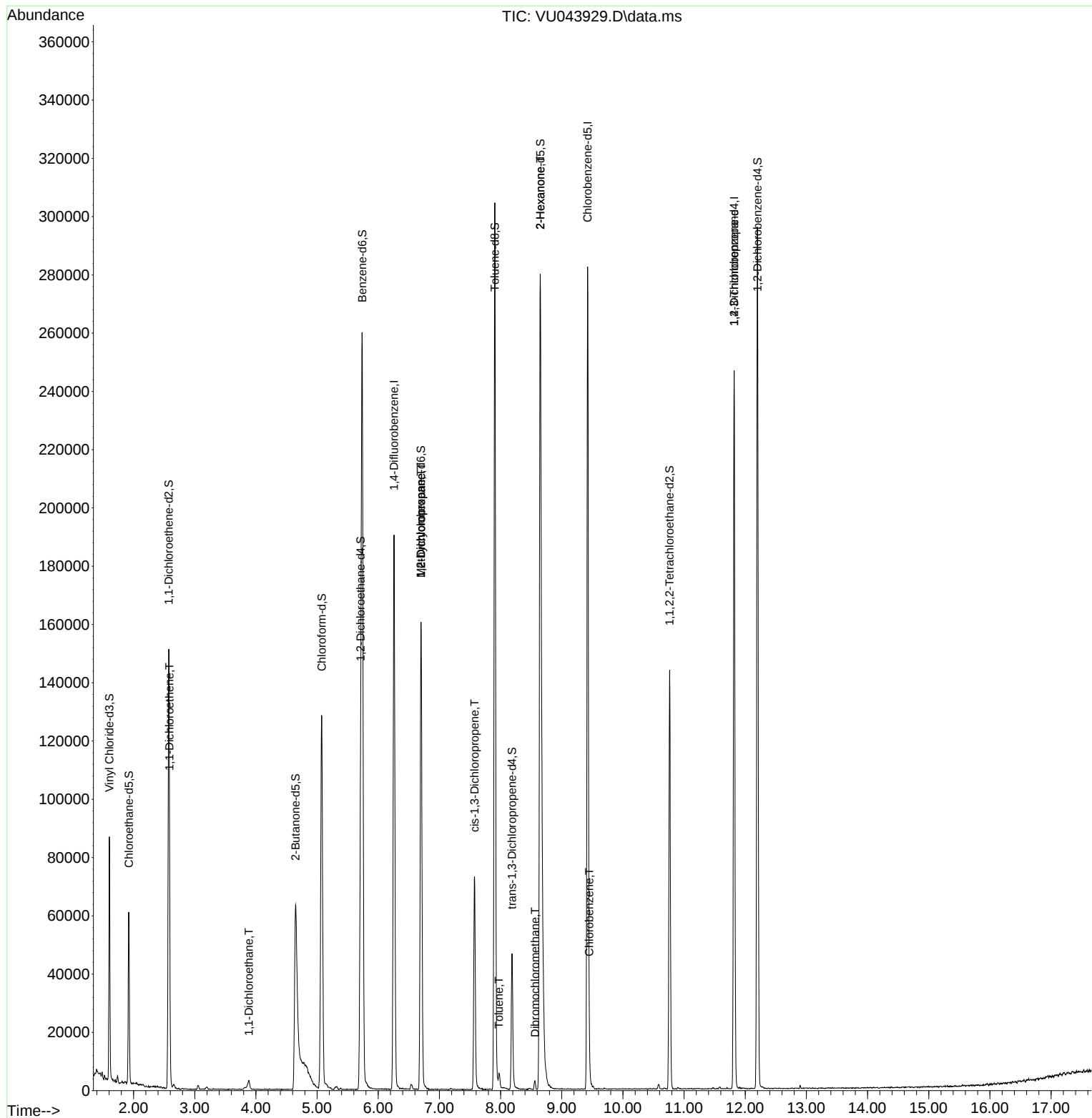
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	160156	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	171130	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	71164	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	58240	6.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.80%#
7) Chloroethane-d5	1.922	69	43722	6.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	136.00%#
11) 1,1-Dichloroethene-d2	2.575	65	27361	6.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	126.20%#
20) 2-Butanone-d5	4.649	46	127126	44.98	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.96%
24) Chloroform-d	5.076	84	124404	6.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.80%
26) 1,2-Dichloroethane-d4	5.713	65	65578	6.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.60%
32) Benzene-d6	5.739	84	254075	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.00%
36) 1,2-Dichloropropane-d6	6.700	67	82200	5.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.80%
41) Toluene-d8	7.906	98	212427	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloroprop...	8.185	79	28265	5.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.00%
46) 2-Hexanone-d5	8.648	63	131585	56.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	73055	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	85208	6.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	131.80%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	4632	0.45	ug/L #	1
19) 1,1-Dichloroethane	3.883	63	3067	0.17	ug/L	93
35) Methylcyclohexane	6.700	83	19577	1.12	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	7842	0.64	ug/L #	86
39) cis-1,3-Dichloropropene	7.574	75	1524	0.10	ug/L #	37
42) Toluene	7.973	91	3425	0.07	ug/L	87
48) 2-Hexanone	8.648	43	14624	2.84	ug/L #	70
49) Dibromochloromethane	8.565	129	665	0.06	ug/L #	11
51) Chlorobenzene	9.449	112	2194	0.07	ug/L #	78
61) 1,2,3-Trichloropropane	11.819	75	7645	1.17	ug/L #	65

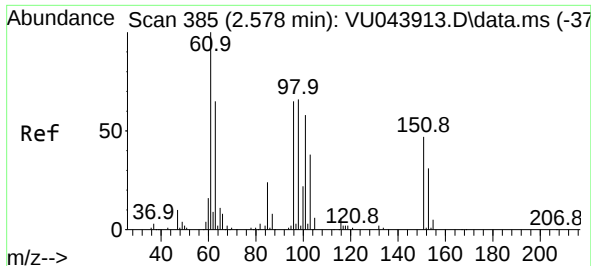
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.45 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.010 min

Lab File: VU043929.D

Acq: 24 May 2021 23:36

Instrument :

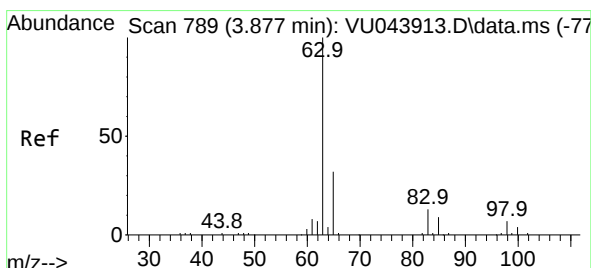
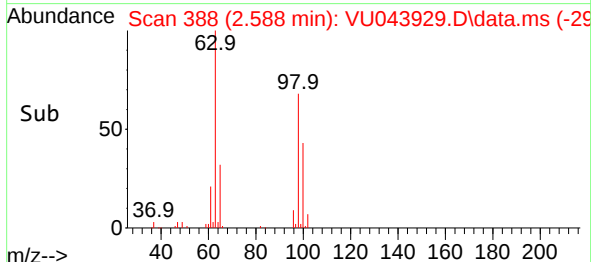
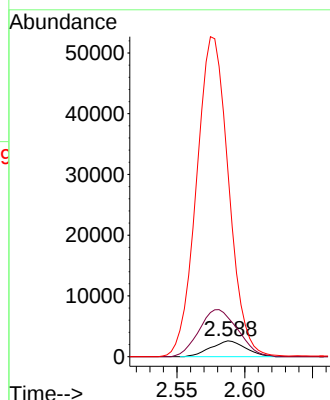
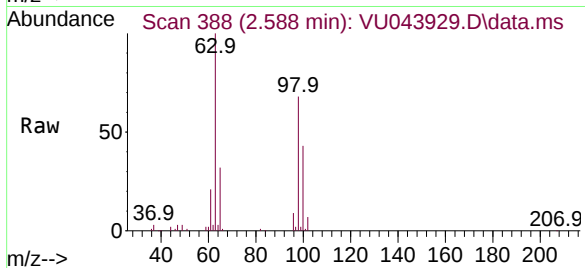
MSVOA_U

ClientSampleId :

GB432

Tgt Ion: 96 Resp: 4632

Ion	Ratio	Lower	Upper
96	100		
61	248.0	105.1	195.3#
63	1176.2	66.6	123.6#



#19

1,1-Dichloroethane

Concen: 0.17 ug/L

RT: 3.883 min Scan# 791

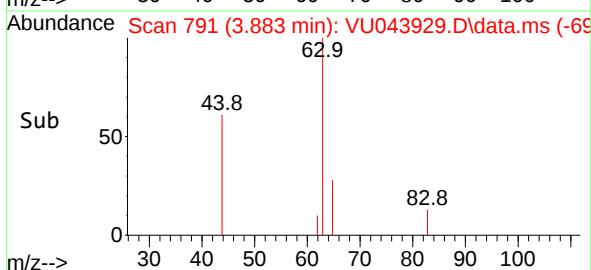
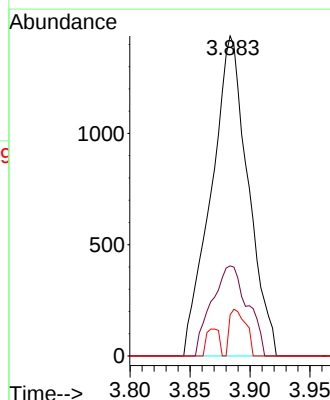
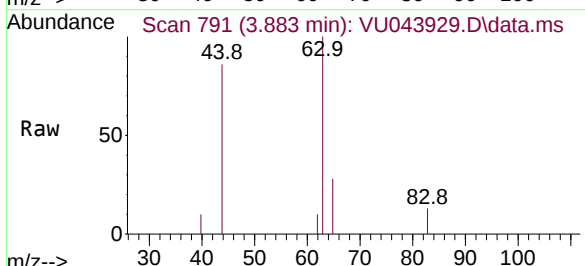
Delta R.T. 0.006 min

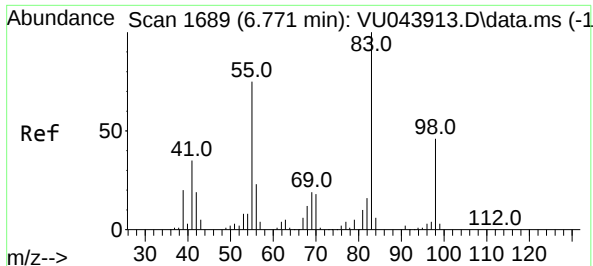
Lab File: VU043929.D

Acq: 24 May 2021 23:36

Tgt Ion: 63 Resp: 3067

Ion	Ratio	Lower	Upper
63	100		
65	28.2	23.2	43.2
83	12.9	9.7	18.1





#35

Methylcyclohexane

Concen: 1.12 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU043929.D

Acq: 24 May 2021 23:36

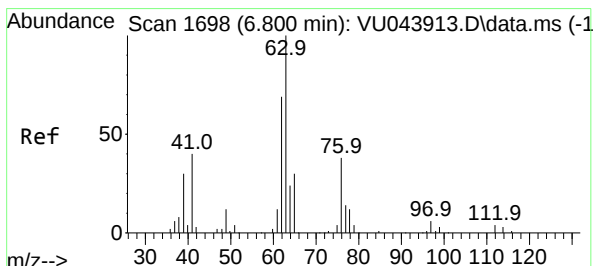
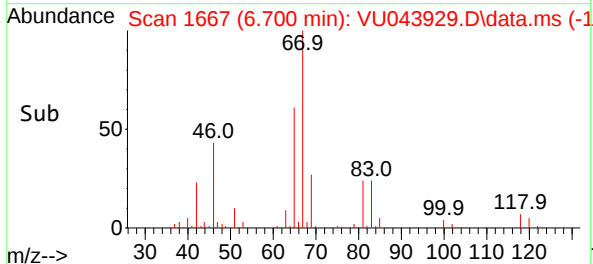
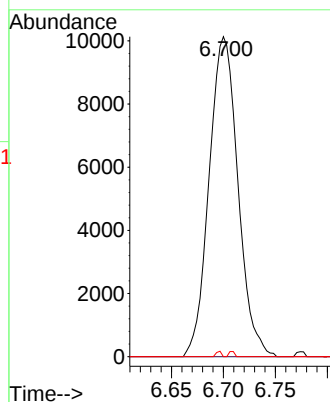
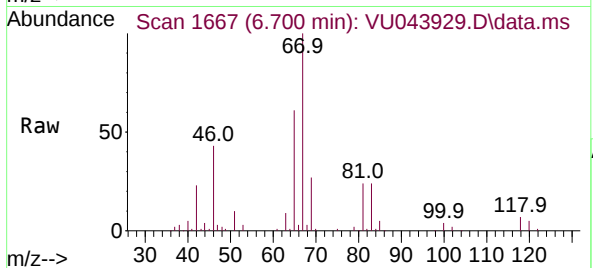
Instrument :

MSVOA_U

ClientSampleId :

GB432

Tgt Ion:	83	Resp:	19577
Ion Ratio	Lower	Upper	
83	100		
55	0.0	61.2	91.8#
98	0.3	37.0	55.4#



#37

1,2-Dichloropropane

Concen: 0.64 ug/L

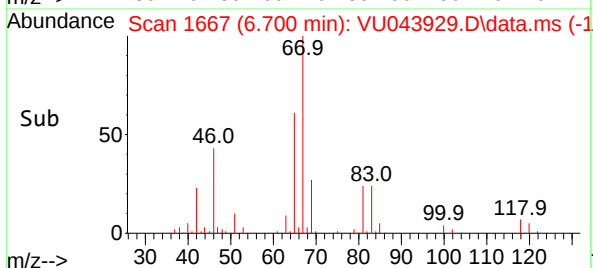
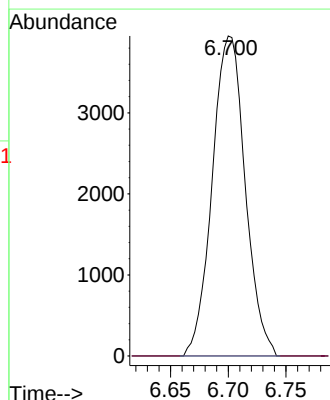
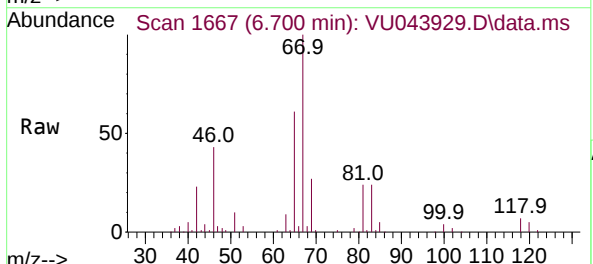
RT: 6.700 min Scan# 1667

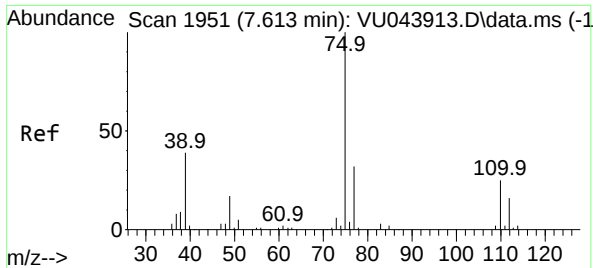
Delta R.T. -0.100 min

Lab File: VU043929.D

Acq: 24 May 2021 23:36

Tgt Ion:	63	Resp:	7842
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.7	5.5#

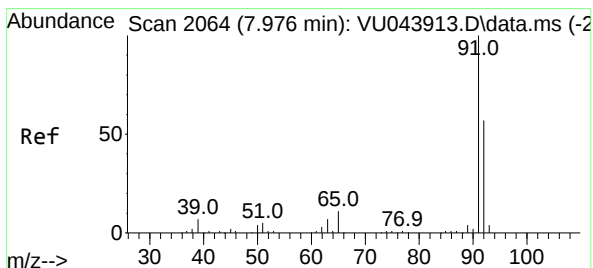
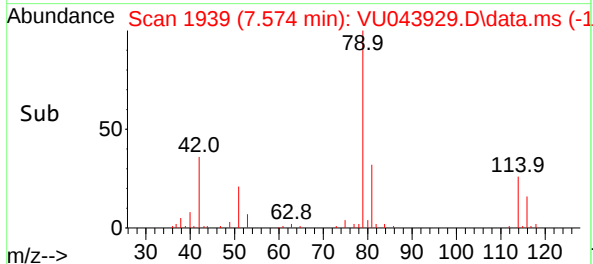
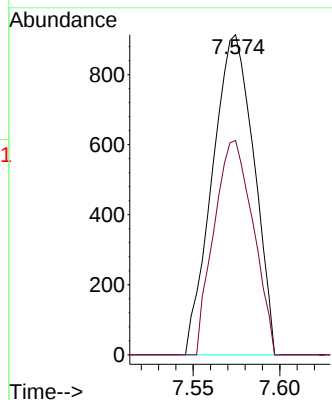
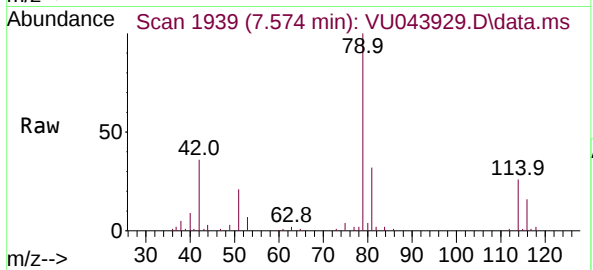




#39
 cis-1,3-Dichloropropene
 Concen: 0.10 ug/L
 RT: 7.574 min Scan# 1939
 Delta R.T. -0.039 min
 Lab File: VU043929.D
 Acq: 24 May 2021 23:36

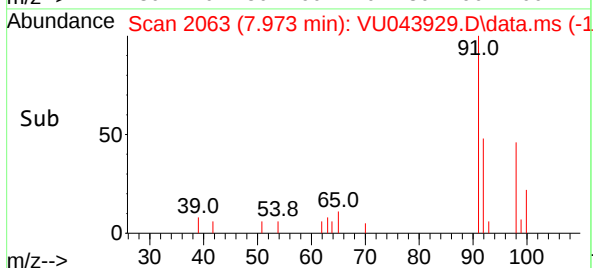
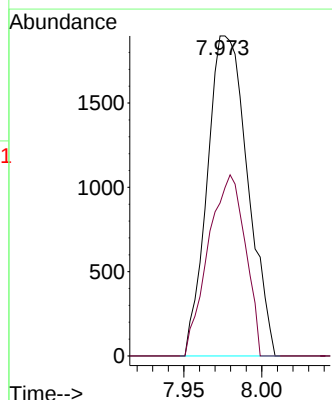
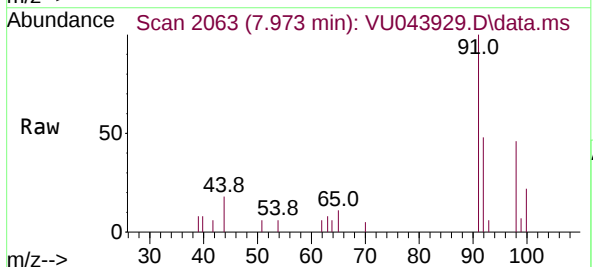
Instrument :
 MSVOA_U
 ClientSampleId :
 GB432

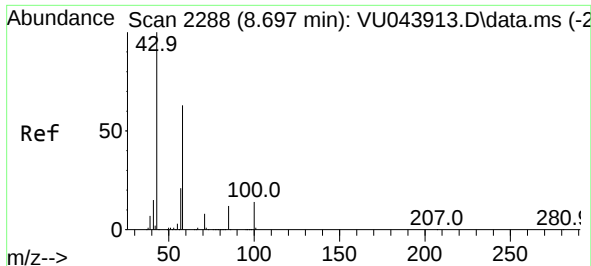
Tgt Ion: 75 Resp: 1524
 Ion Ratio Lower Upper
 75 100
 77 67.0 22.3 41.3#



#42
 Toluene
 Concen: 0.07 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. -0.003 min
 Lab File: VU043929.D
 Acq: 24 May 2021 23:36

Tgt Ion: 91 Resp: 3425
 Ion Ratio Lower Upper
 91 100
 92 47.8 40.5 75.1





#48

2-Hexanone

Concen: 2.84 ug/L

RT: 8.648 min Scan# 2273

Delta R.T. -0.048 min

Lab File: VU043929.D

Acq: 24 May 2021 23:36

Tgt Ion: 43 Resp: 14624

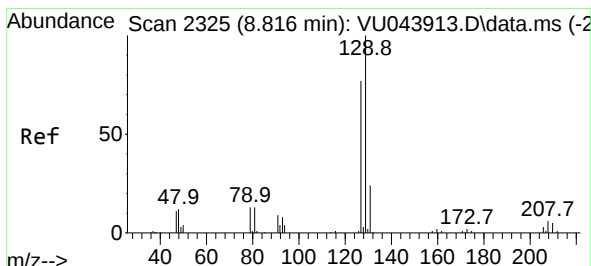
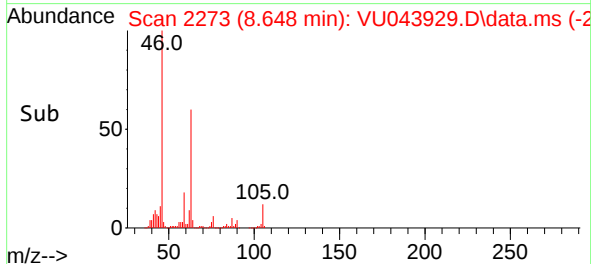
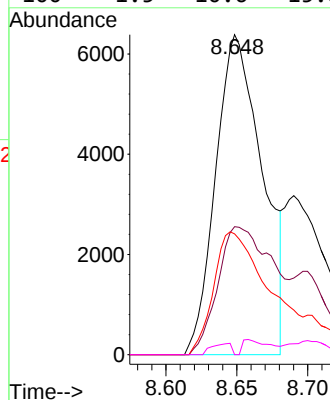
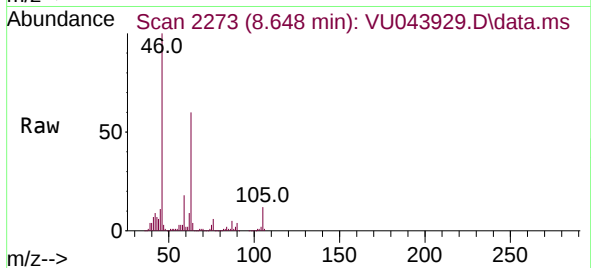
Ion Ratio Lower Upper

43 100

58 48.4 49.4 74.0#

57 51.8 16.8 25.2#

100 1.5 10.6 15.8#



#49

Dibromochloromethane

Concen: 0.06 ug/L

RT: 8.565 min Scan# 2247

Delta R.T. -0.251 min

Lab File: VU043929.D

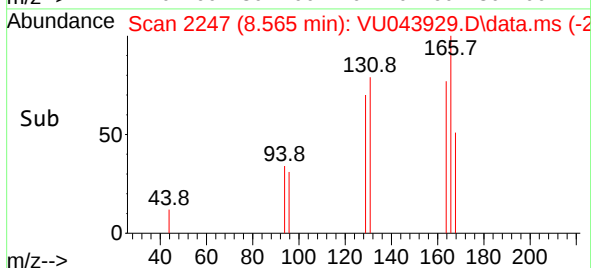
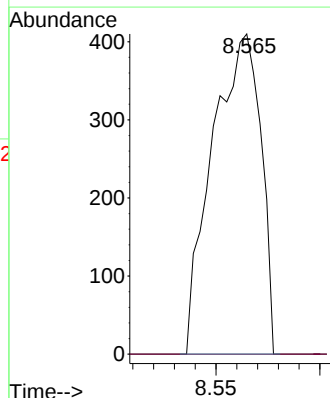
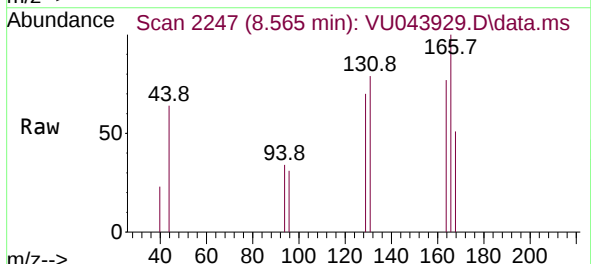
Acq: 24 May 2021 23:36

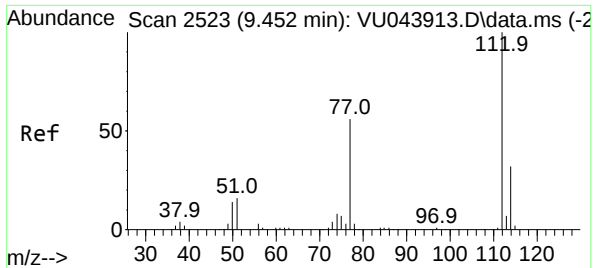
Tgt Ion: 129 Resp: 665

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#

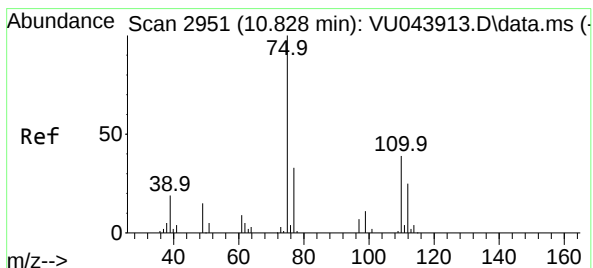
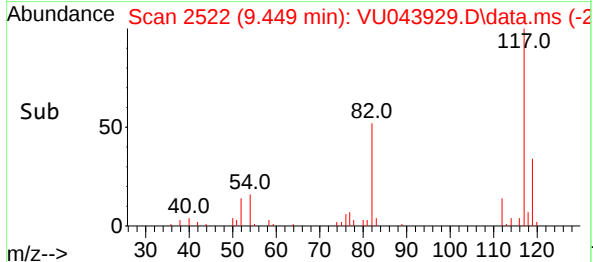
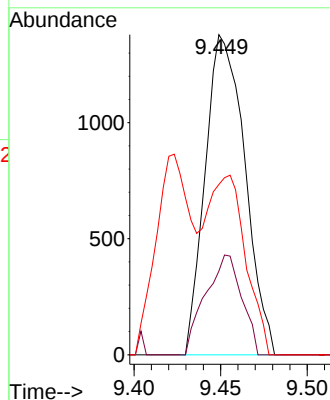
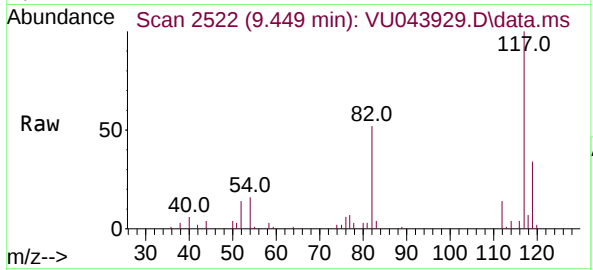




#51
Chlorobenzene
Concen: 0.07 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU043929.D
Acq: 24 May 2021 23:36

Instrument :
MSVOA_U
ClientSampled :
GB432

Tgt Ion:	112	Resp:	2194
Ion Ratio	Lower	Upper	
112	100		
114	26.2	22.7	42.1
77	77.7	45.9	68.9#



#61
1,2,3-Trichloropropane
Concen: 1.17 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
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Acq: 24 May 2021 23:36

Tgt Ion:	75	Resp:	7645
Ion Ratio	Lower	Upper	
75	100		
110	0.0	29.3	43.9#
77	30.0	26.3	39.5

