

Data File : VU033110.D
Acq On : 01 Jul 2019 13:12
Operator : JC/SP
Sample : K3599-22
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM29

Quant Time: Jul 02 04:20:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	213720	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	214855	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105497	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57504	39.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.74%
7) Chloroethane-d5	1.71	69	35	0.03	ug/L	0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.22	63	102336	34.78	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.56%
21) 2-Butanone-d5	4.19	46	140678	115.72	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.72%
24) Chloroform-d	4.63	84	139847	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
26) 1,2-Dichloroethane-d4	5.30	65	100777	53.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.56%
32) Benzene-d6	5.32	84	268860	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.32	67	89563	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.40%
41) Toluene-d8	7.56	98	239771	45.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.42%
43) trans-1,3-Dichloropropene-	7.85	79	42219	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.98%
47) 2-Hexanone-d5	8.32	63	85967	103.19	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	143745	52.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	99034	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

Target Compounds

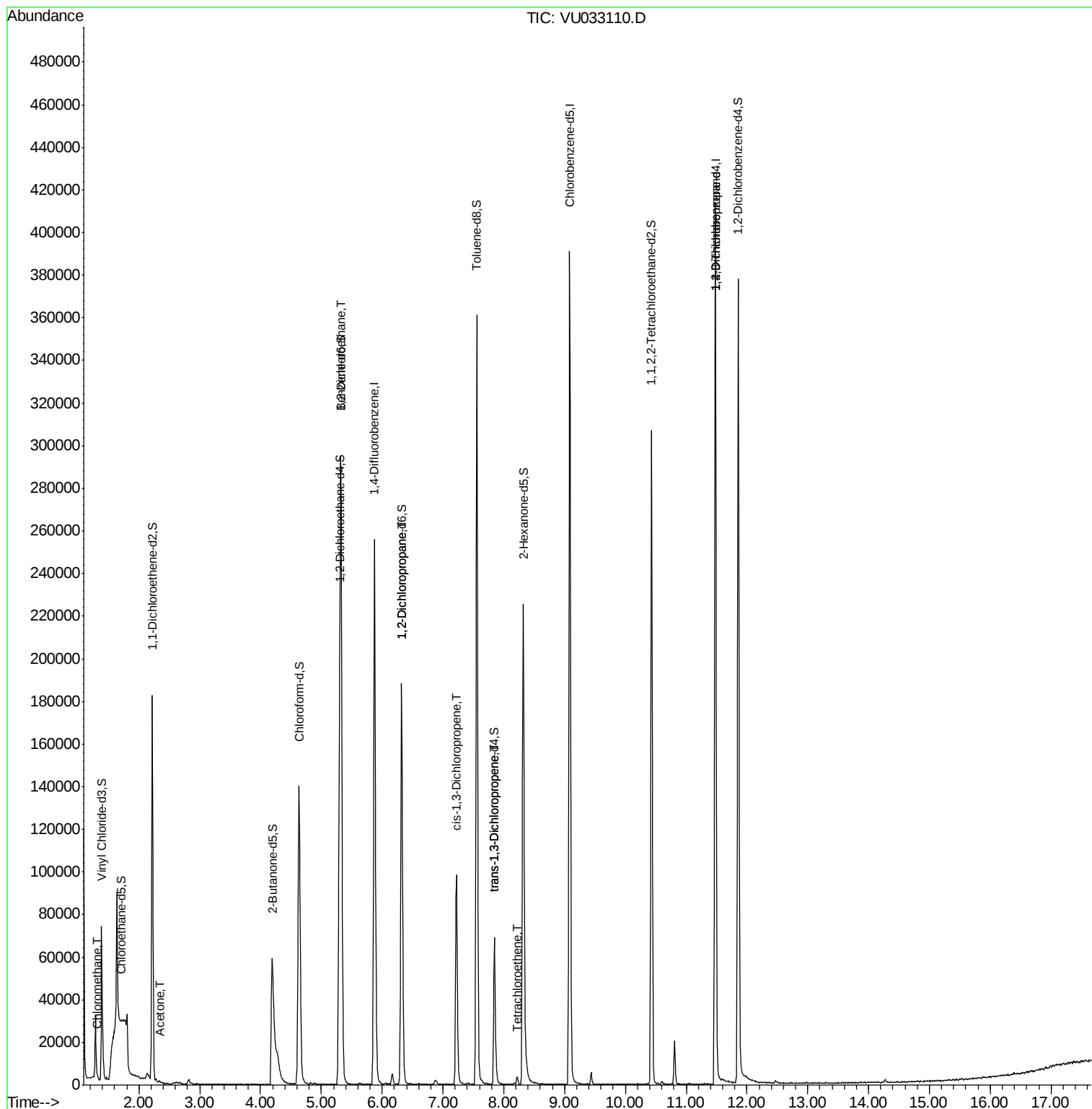
					Qvalue
3) Chloromethane	1.32	50	1388	0.709 ug/L	99
13) Acetone	2.34	43	1023	0.609 ug/L	72
27) 1,2-Dichloroethane	5.32	62	2008	0.852 ug/L #	77
37) 1,2-Dichloropropane	6.32	63	10702	6.303 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3181	1.203 ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	2280	0.918 ug/L	91
46) Tetrachloroethene	8.22	164	894	0.660 ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	13463	5.942 ug/L	90

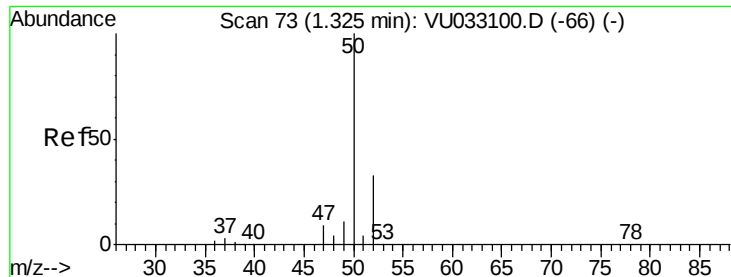
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.709 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU033110.D

Acq: 01 Jul 2019 13:12

Instrument :

MSVOA_U

ClientSampled :

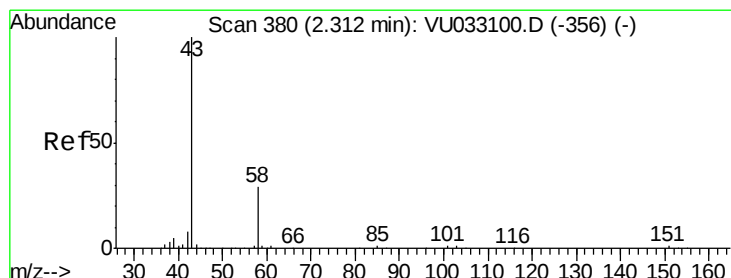
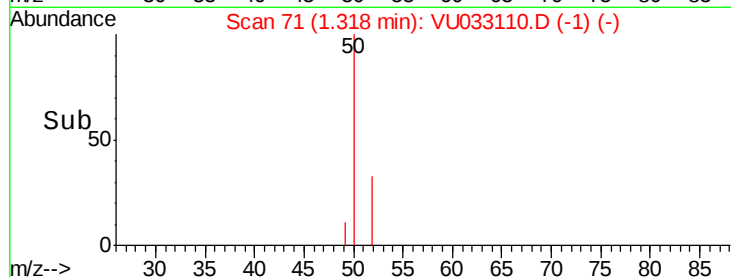
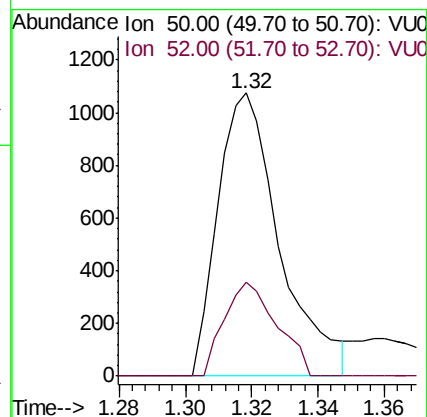
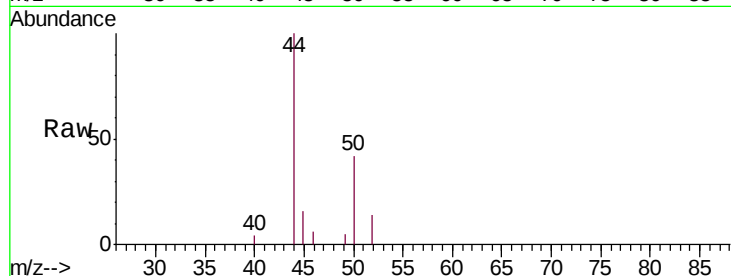
GAM29

Tgt Ion: 50 Resp: 1388

Ion Ratio Lower Upper

50 100

52 33.3 23.0 42.6



#13

Acetone

Concen: 0.609 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.03 min

Lab File: VU033110.D

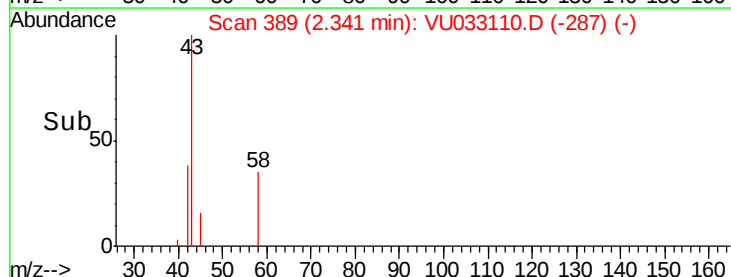
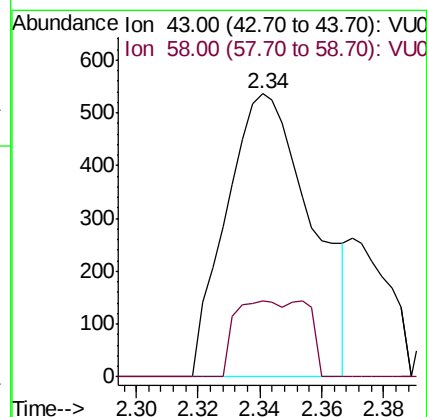
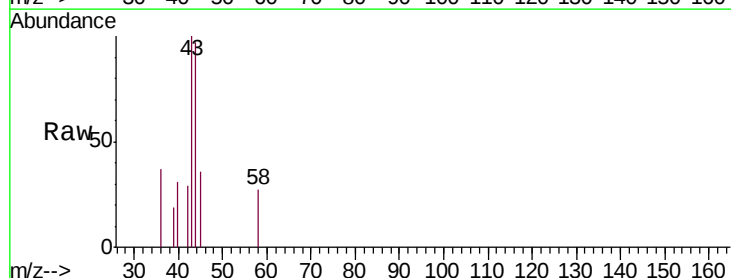
Acq: 01 Jul 2019 13:12

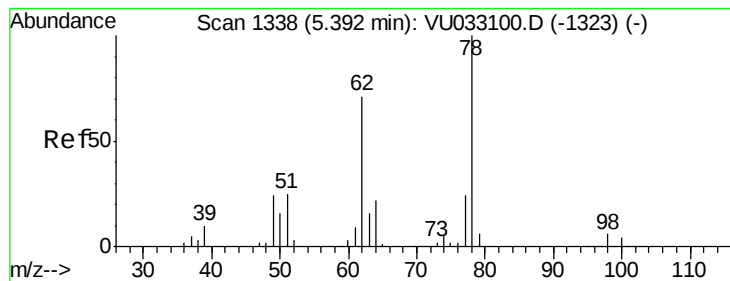
Tgt Ion: 43 Resp: 1023

Ion Ratio Lower Upper

43 100

58 15.2 0.0 60.6





#27

1,2-Dichloroethane

Concen: 0.852 ug/L

RT: 5.32 min Scan# 1316

Delta R.T. -0.07 min

Lab File: VU033110.D

Acq: 01 Jul 2019 13:12

Instrument :

MSVOA_U

ClientSampleId :

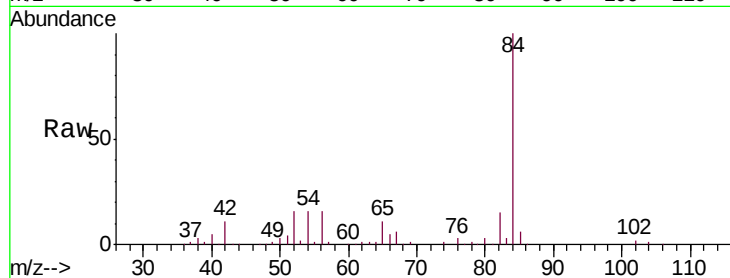
GAM29

Tgt Ion: 62 Resp: 2008

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#

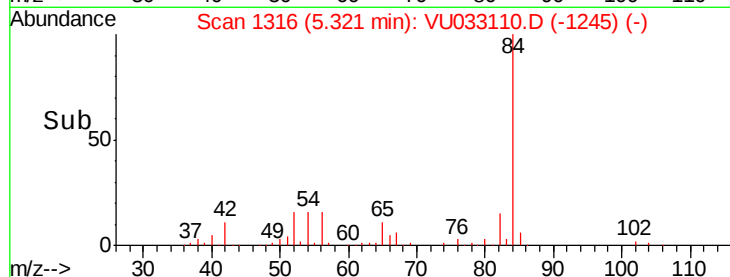


Abundance Ion 62.00 (61.70 to 62.70): VU033110.D (-1323) (-)

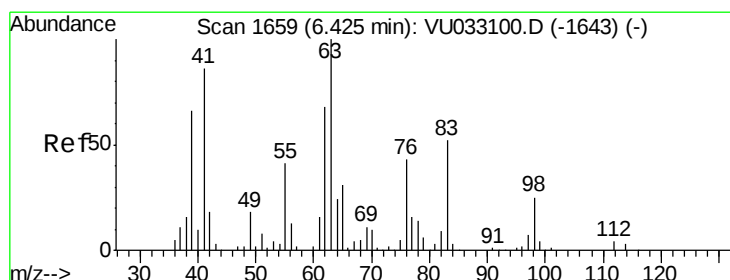
Ion 98.00 (97.70 to 98.70): VU033110.D (-1323) (-)

5.32

5.30 5.35



Time-->



#37

1,2-Dichloropropane

Concen: 6.303 ug/L

RT: 6.32 min Scan# 1626

Delta R.T. -0.11 min

Lab File: VU033110.D

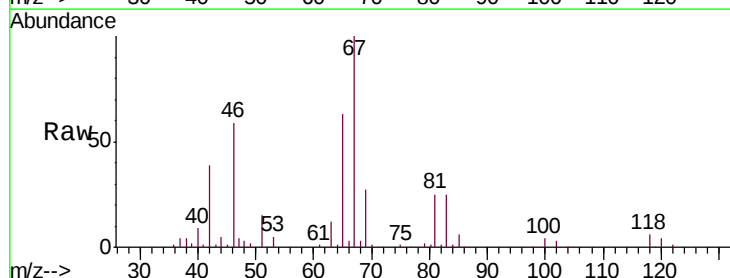
Acq: 01 Jul 2019 13:12

Tgt Ion: 63 Resp: 10702

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#

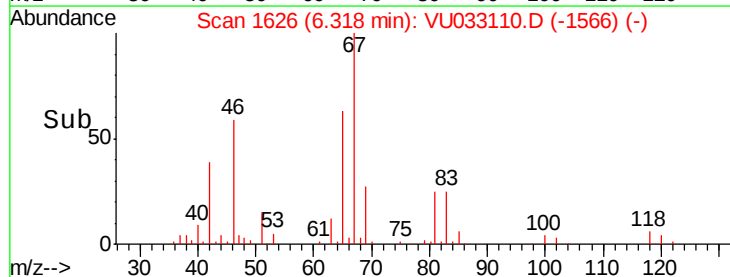


Abundance Ion 63.00 (62.70 to 63.70): VU033110.D (-1643) (-)

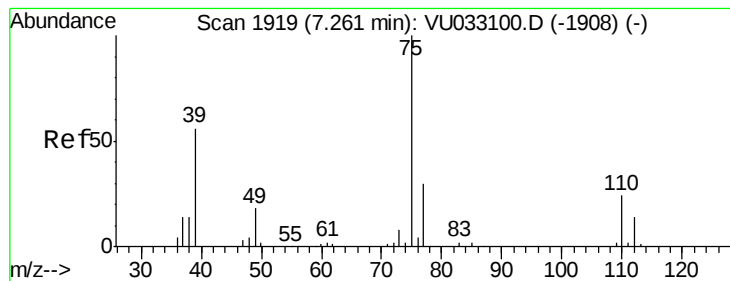
Ion 112.00 (111.70 to 112.70): VU033110.D (-1643) (-)

6.32

6.25 6.35 6.40



Time-->

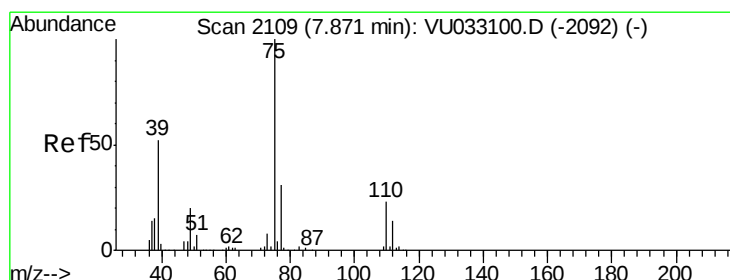
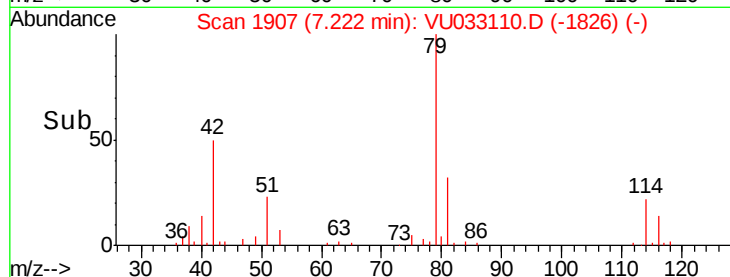
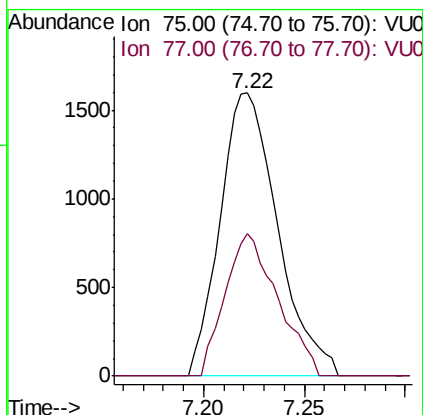
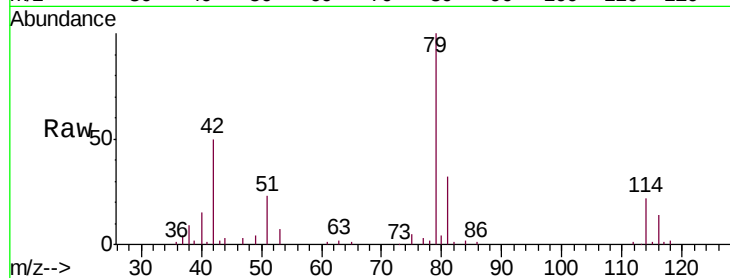


#39

cis-1,3-Dichloropropene
Concen: 1.203 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU033110.D
Acq: 01 Jul 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
GAM29

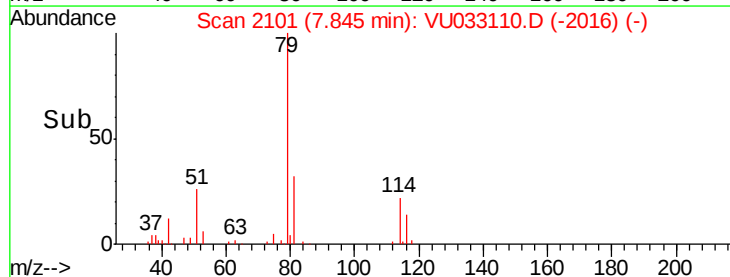
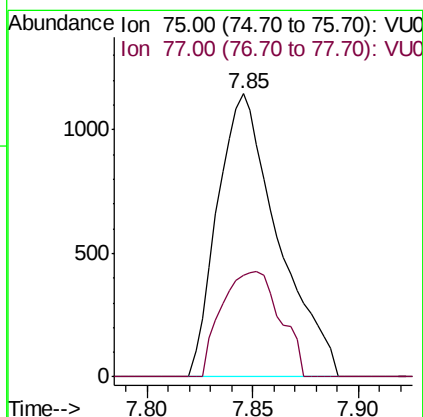
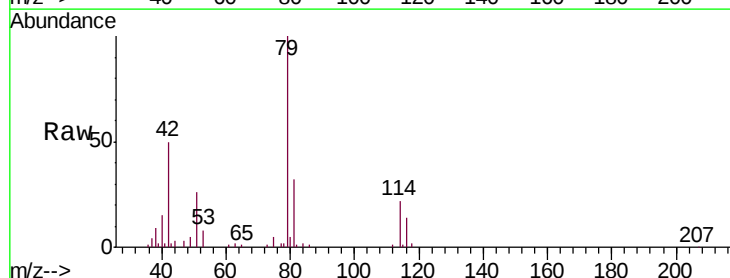
Tgt Ion: 75 Resp: 3181
Ion Ratio Lower Upper
75 100
77 50.4 21.9 40.7#

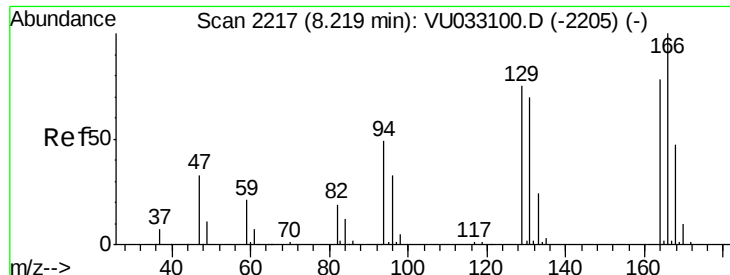


#44

trans-1,3-Dichloropropene
Concen: 0.918 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU033110.D
Acq: 01 Jul 2019 13:12

Tgt Ion: 75 Resp: 2280
Ion Ratio Lower Upper
75 100
77 36.1 21.8 40.4

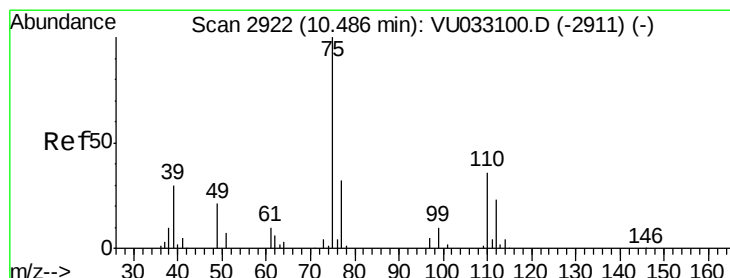
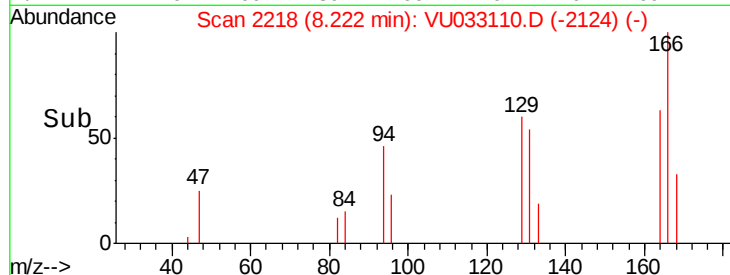
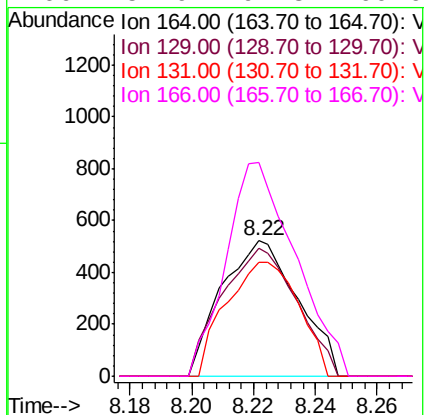
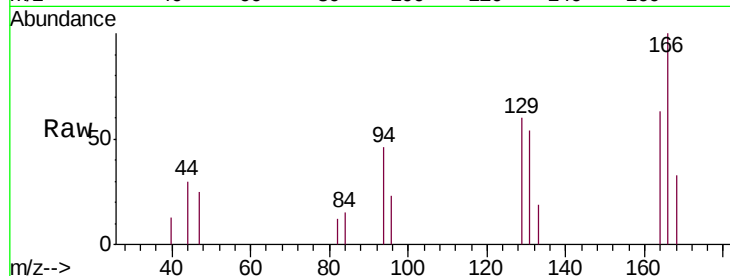




#46
Tetrachloroethene
Concen: 0.660 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU033110.D
Acq: 01 Jul 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
GAM29

Tgt Ion:164 Resp: 894
Ion Ratio Lower Upper
164 100
129 94.6 64.8 120.3
131 84.5 64.5 119.7
166 157.9 91.3 169.6



#59
1,2,3-Trichloropropane
Concen: 5.942 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 1.00 min
Lab File: VU033110.D
Acq: 01 Jul 2019 13:12

Tgt Ion: 75 Resp: 13463
Ion Ratio Lower Upper
75 100
77 37.6 25.5 38.3

