

Data File : VU032434.D
Acq On : 04 Jun 2019 17:55
Operator : JC/SP
Sample : K3081-13DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALE1DL

Quant Time: Jun 04 23:09:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 04 22:54:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	99537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	93521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46090	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33134	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.67	69	27123	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.27	63	50446	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.18	46	81208	44.96	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.92%
24) Chloroform-d	4.64	84	57776	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.31	65	32226	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.33	84	124044	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.32	67	37739	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.56	98	117032	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
43) trans-1,3-Dichloropropene-	7.85	79	15776	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.31	63	72225	47.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31816	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	45328	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

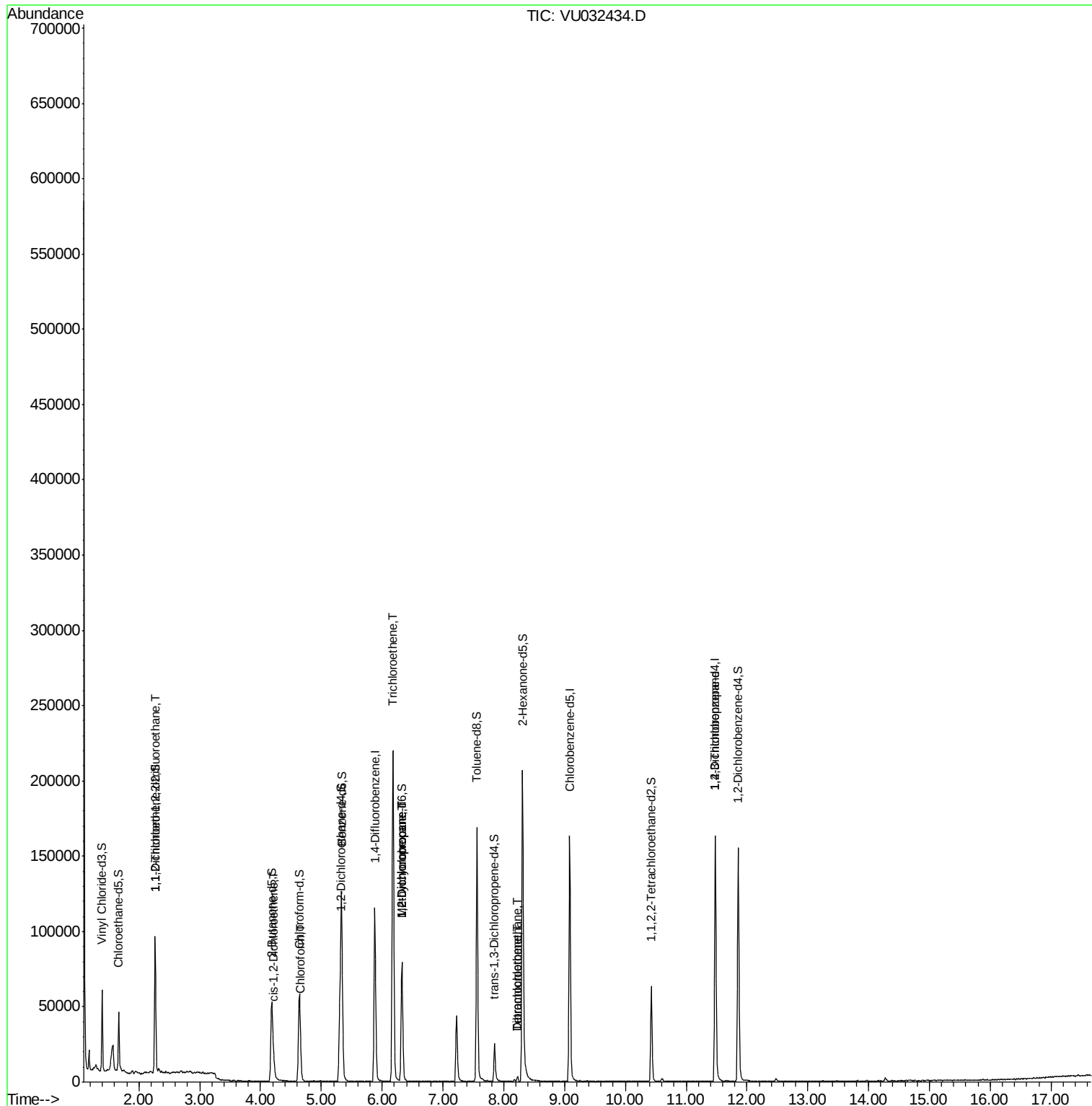
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	942	0.142 ug/L #	64
22) cis-1,2-Dichloroethene	4.22	96	1249	0.162 ug/L	87
25) Chloroform	4.67	83	2214	0.177 ug/L	98
34) Trichloroethene	6.18	95	74462	9.388 ug/L	97
35) Methylcyclohexane	6.32	83	8921	0.699 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4318	0.605 ug/L #	89
47) Tetrachloroethene	8.22	164	896	0.144 ug/L #	74
49) Dibromochloromethane	8.22	129	702	0.106 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5410	1.155 ug/L	90

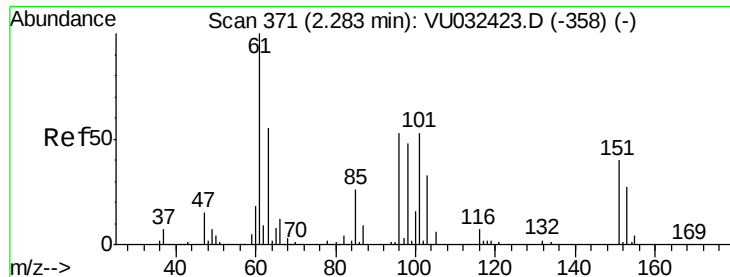
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032434.D
Acq On : 04 Jun 2019 17:55
Operator : JC/SP
Sample : K3081-13DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALE1DL

Quant Time: Jun 04 23:09:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 04 22:54:09 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.142 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU032434.D

Acq: 04 Jun 2019 17:55

Instrument :

MSVOA_U

ClientSampleId :

GALE1DL

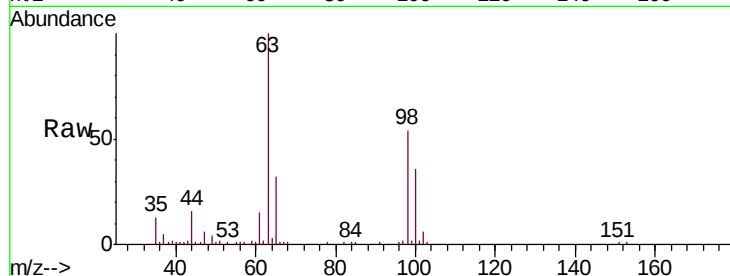
Tgt Ion: 101 Resp: 942

Ion Ratio Lower Upper

101 100

85 26.1 38.9 58.3#

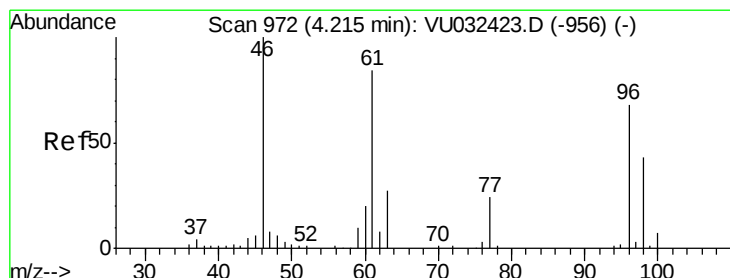
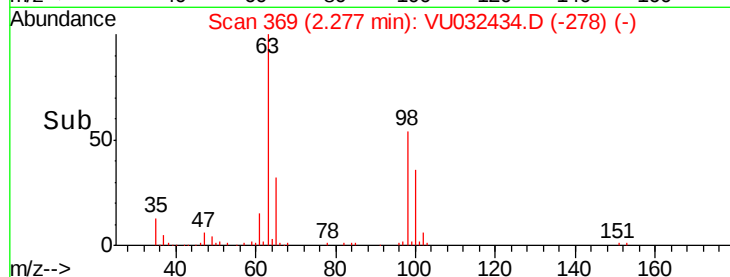
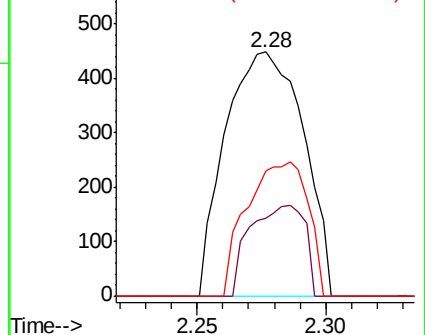
151 43.1 61.0 91.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#22

cis-1,2-Dichloroethene

Concen: 0.162 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.01 min

Lab File: VU032434.D

Acq: 04 Jun 2019 17:55

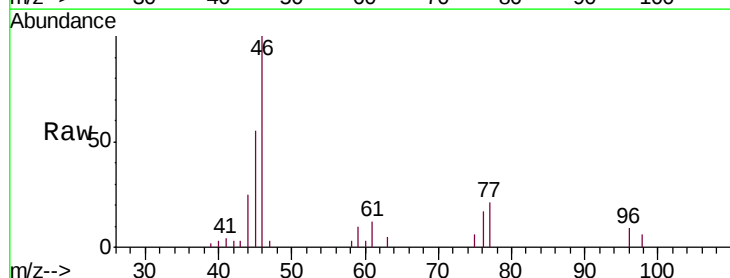
Tgt Ion: 96 Resp: 1249

Ion Ratio Lower Upper

96 100

61 138.5 86.6 160.8

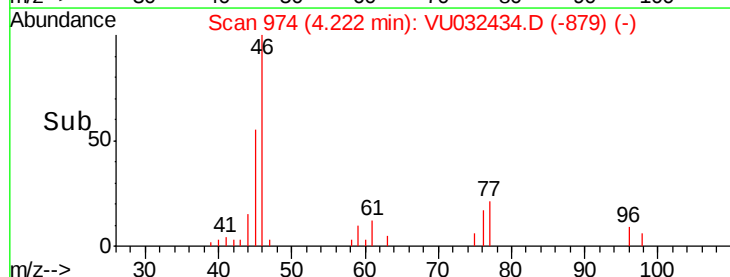
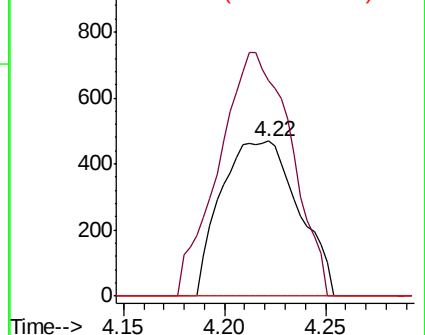
68 0.0 0.0 0.0

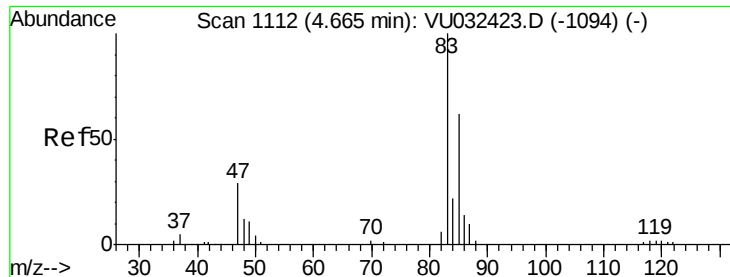


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

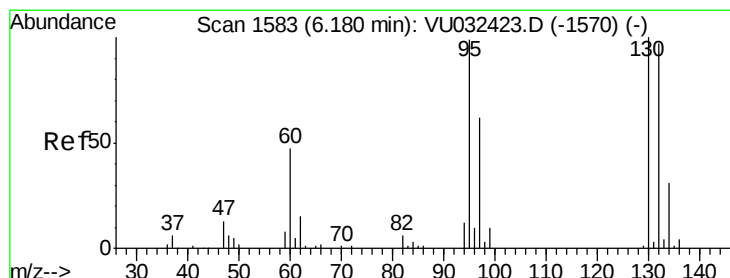
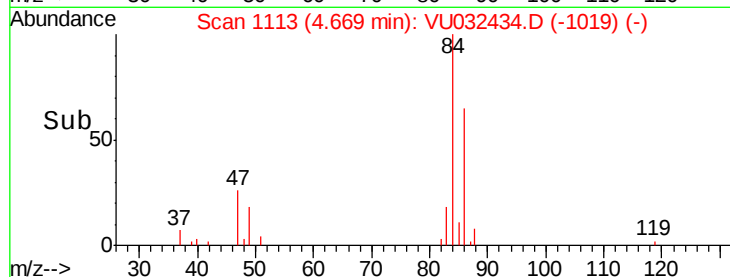
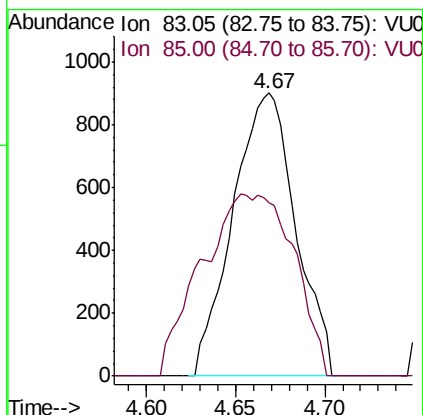
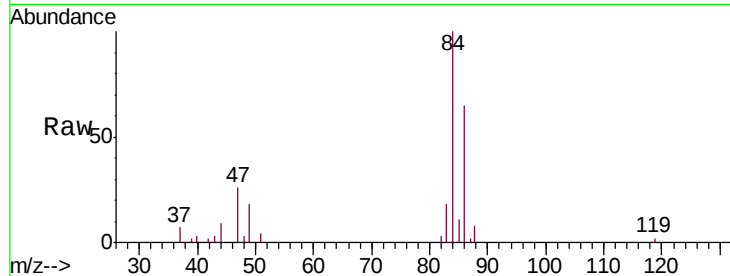




#25
Chloroform
Concen: 0.177 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032434.D
Acq: 04 Jun 2019 17:55

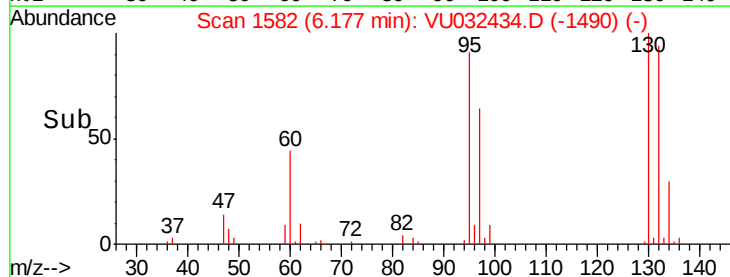
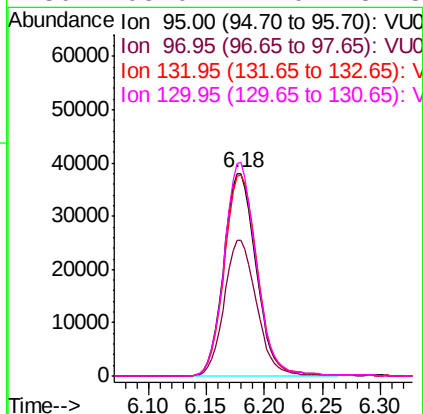
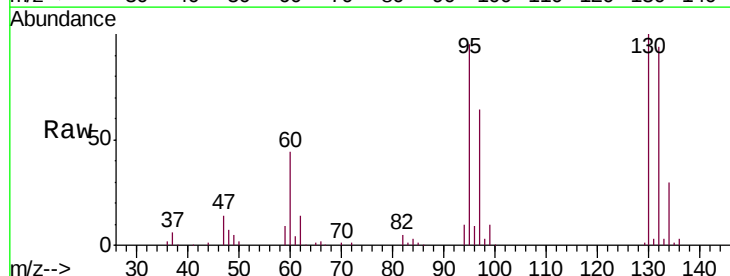
Instrument :
MSVOA_U
ClientSampled :
GALE1DL

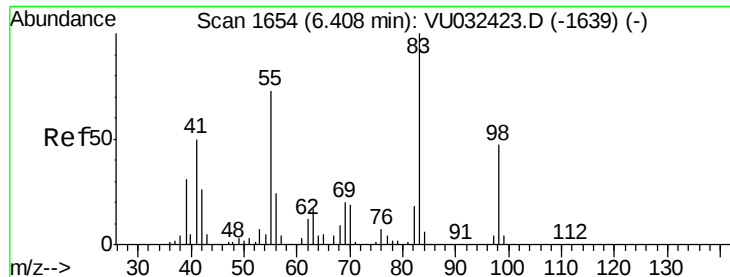
Tgt Ion: 83 Resp: 2214
Ion Ratio Lower Upper
83 100
85 61.2 43.8 81.3



#34
Trichloroethene
Concen: 9.388 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU032434.D
Acq: 04 Jun 2019 17:55

Tgt Ion: 95 Resp: 74462
Ion Ratio Lower Upper
95 100
97 66.8 44.1 81.9
132 98.7 68.8 127.8
130 105.0 71.0 131.8

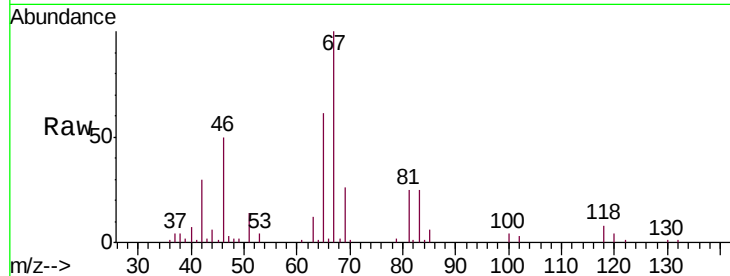




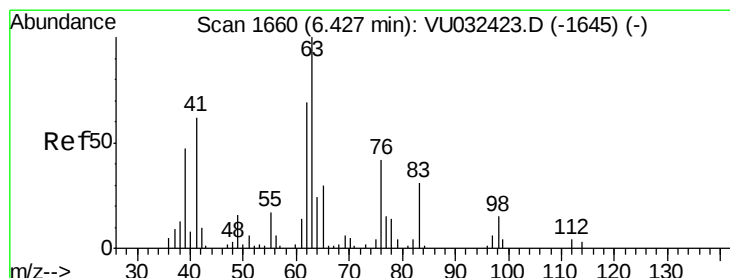
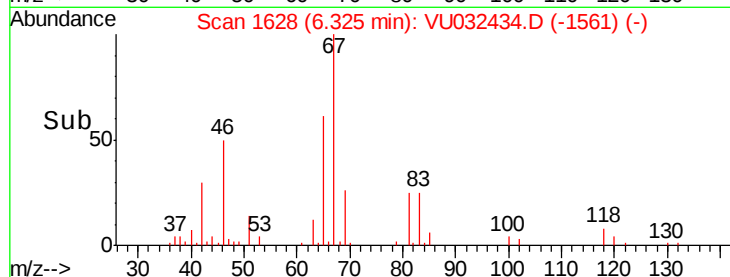
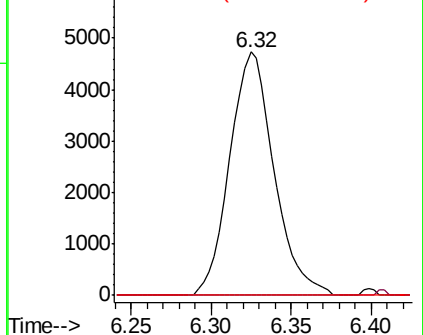
#35
Methylcyclohexane
Concen: 0.699 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032434.D
Acq: 04 Jun 2019 17:55

Instrument :
MSVOA_U
ClientSampleId :
GALE1DL

Tgt Ion: 83 Resp: 8921
Ion Ratio Lower Upper
83 100
55 0.5 60.0 90.0#
98 0.0 37.8 56.8#

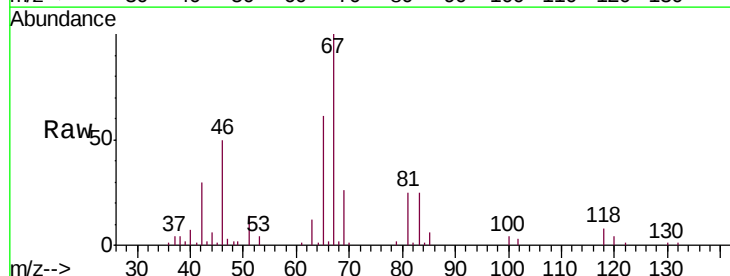


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

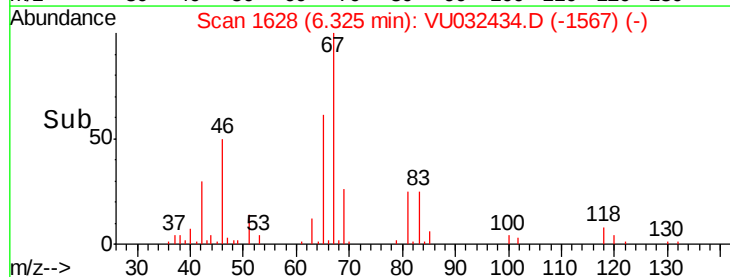
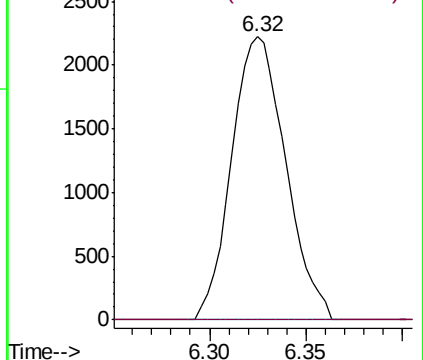


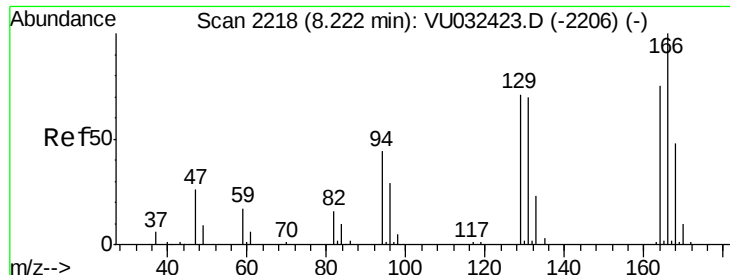
#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032434.D
Acq: 04 Jun 2019 17:55

Tgt Ion: 63 Resp: 4318
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 0.144 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032434.D

Acq: 04 Jun 2019 17:55

Instrument :

MSVOA_U

ClientSampleId :

GALE1DL

Tgt Ion:164 Resp: 896

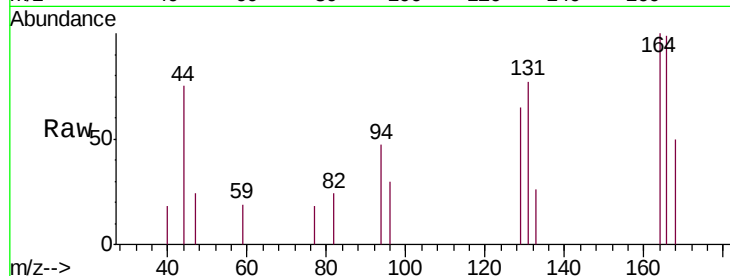
Ion Ratio Lower Upper

164 100

129 65.2 66.1 122.7#

131 77.1 65.6 121.8

166 99.0 93.2 173.2

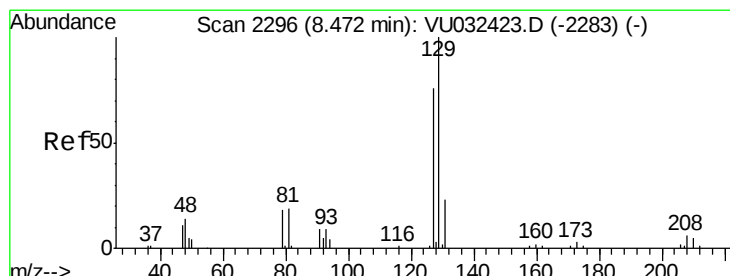
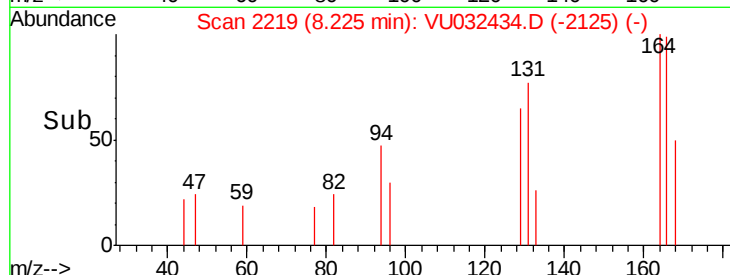
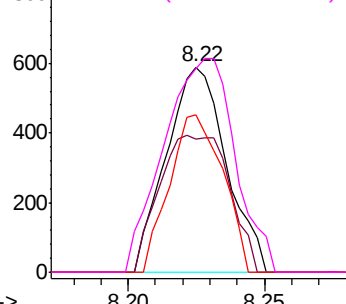


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 0.106 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032434.D

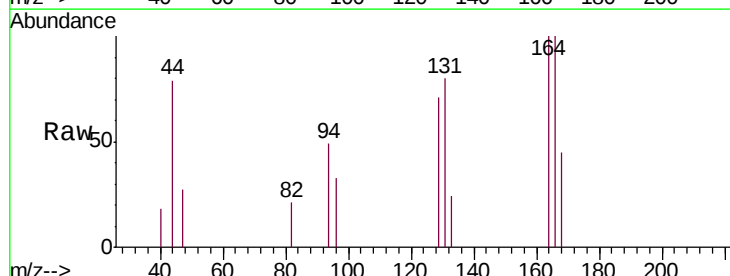
Acq: 04 Jun 2019 17:55

Tgt Ion:129 Resp: 702

Ion Ratio Lower Upper

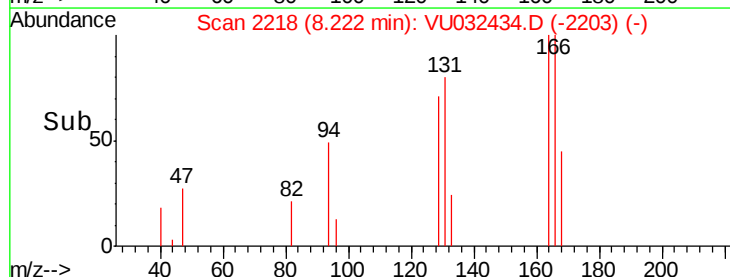
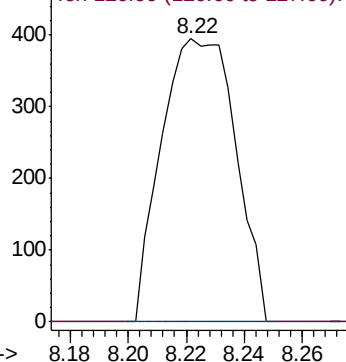
129 100

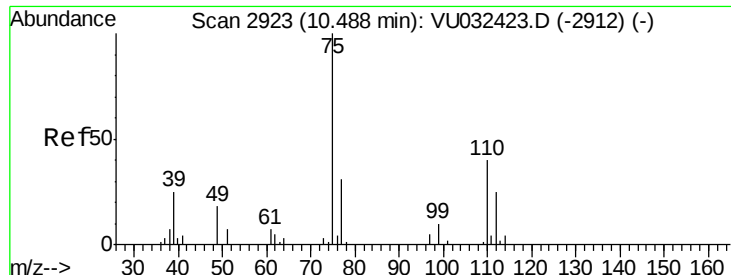
127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59
 1,2,3-Trichloropropane
 Concen: 1.155 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032434.D
 Acq: 04 Jun 2019 17:55

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE1DL

Tgt Ion: 75 Resp: 5410
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.3 37.9

