

Data File : VU032916.D
Acq On : 20 Jun 2019 21:39
Operator : JC/SP
Sample : K3413-20DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALG8DL

Quant Time: Jun 21 07:41:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 07:36:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	86828	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	88979	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44551	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22423	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.68	69	19917	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.27	63	37291	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.19	46	99495	63.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.30%
24) Chloroform-d	4.64	84	53477	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.30	65	32543	6.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.20%
32) Benzene-d6	5.33	84	98134	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.32	67	33667	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.56	98	87183	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.85	79	12911	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.31	63	70897	48.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.12%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	31339	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	39757	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

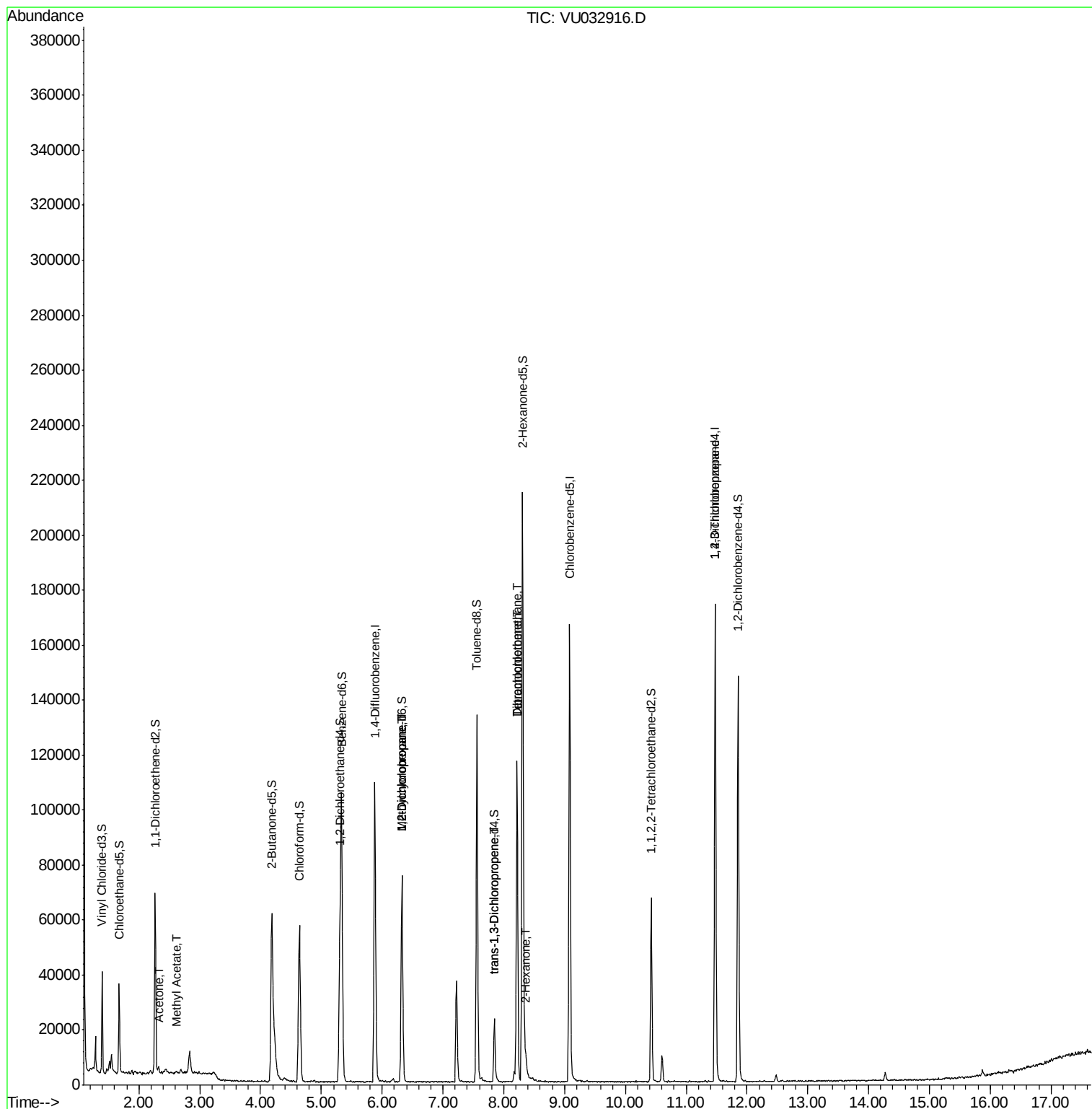
						Qvalue
13) Acetone	2.32	43	1919	1.569	ug/L	91
15) Methyl Acetate	2.61	43	441	0.131	ug/L #	53
35) Methylcyclohexane	6.32	83	7644	0.630	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4079	0.601	ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	669	0.080	ug/L #	82
47) Tetrachloroethene	8.22	164	24916	4.196	ug/L	98
48) 2-Hexanone	8.36	43	3833	1.110	ug/L #	75
49) Dibromochloromethane	8.22	129	23287	3.687	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5968	1.339	ug/L	96

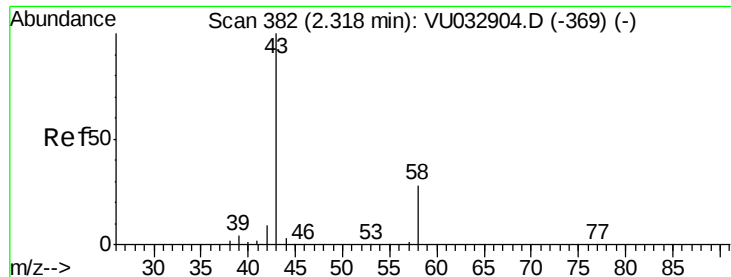
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.569 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032916.D

Acq: 20 Jun 2019 21:39

Instrument :

MSVOA_U

ClientSampleId :

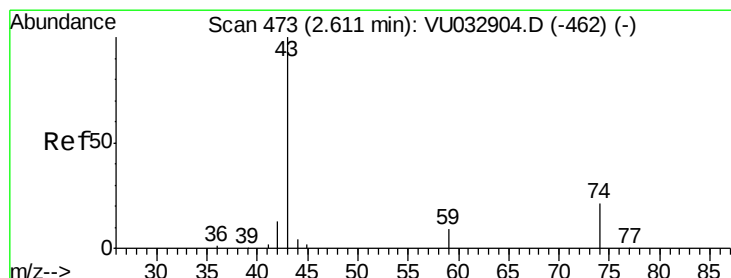
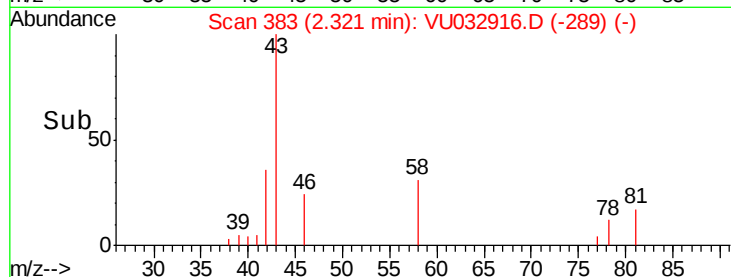
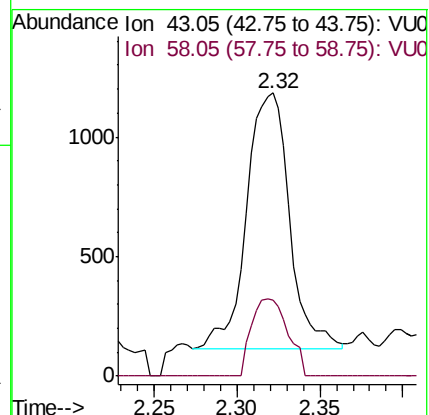
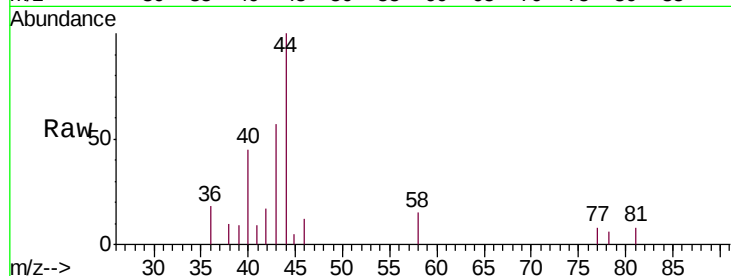
GALG8DL

Tgt Ion: 43 Resp: 1919

Ion Ratio Lower Upper

43 100

58 25.6 0.0 60.8



#15

Methyl Acetate

Concen: 0.131 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.00 min

Lab File: VU032916.D

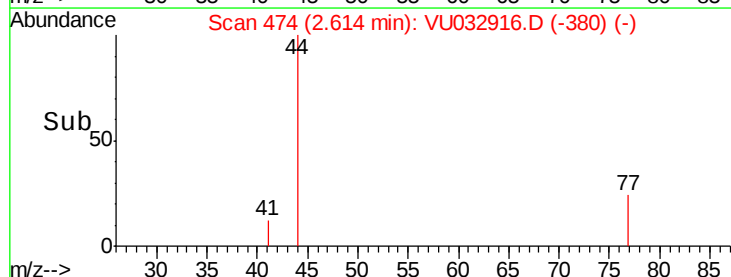
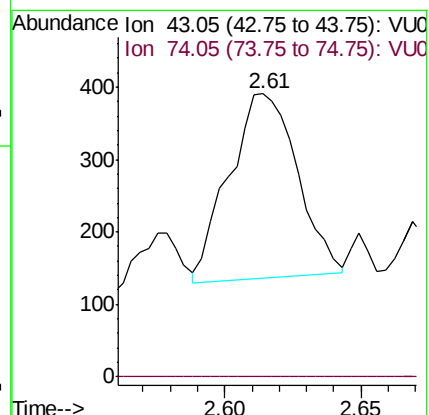
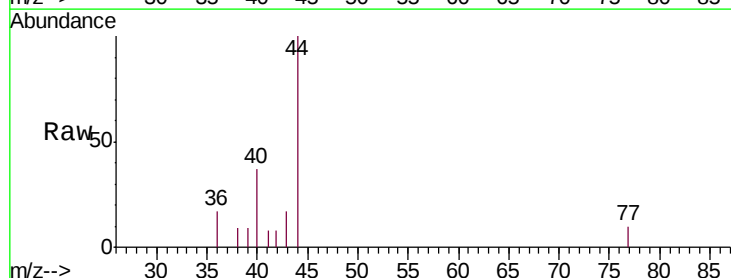
Acq: 20 Jun 2019 21:39

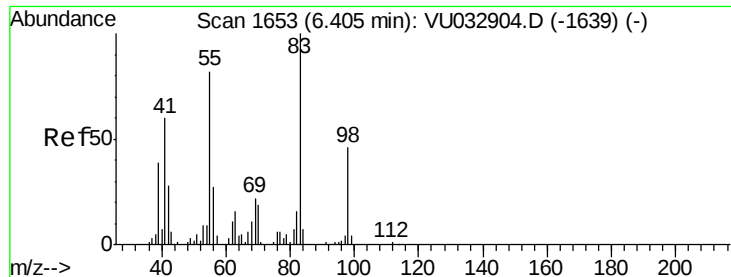
Tgt Ion: 43 Resp: 441

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#





#35

Methylcyclohexane

Concen: 0.630 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032916.D

Acq: 20 Jun 2019 21:39

Instrument :

MSVOA_U

ClientSampled :

GALG8DL

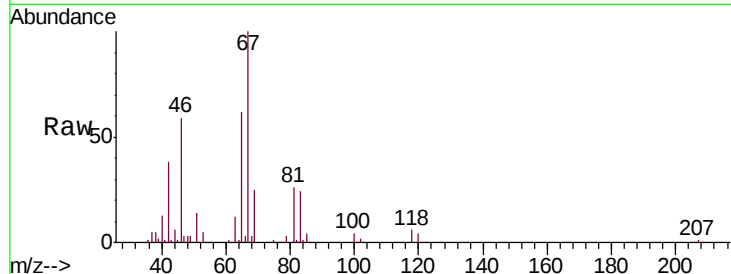
Tgt Ion: 83 Resp: 7644

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

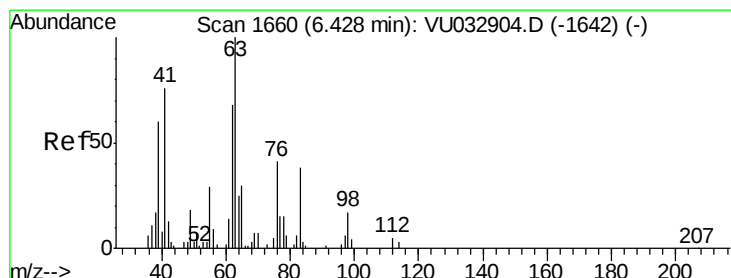
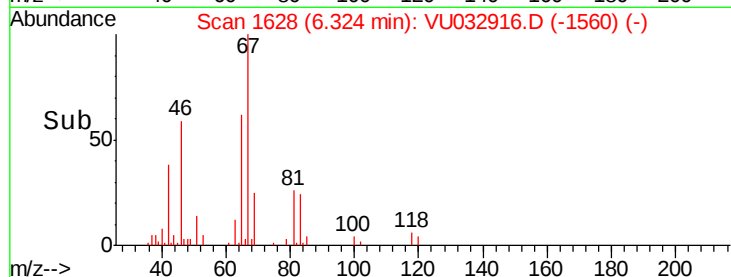
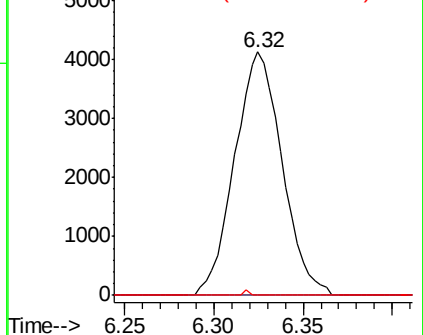
98 0.2 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU032916.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032916.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032916.D (-1560) (-)



#37

1,2-Dichloropropane

Concen: 0.601 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032916.D

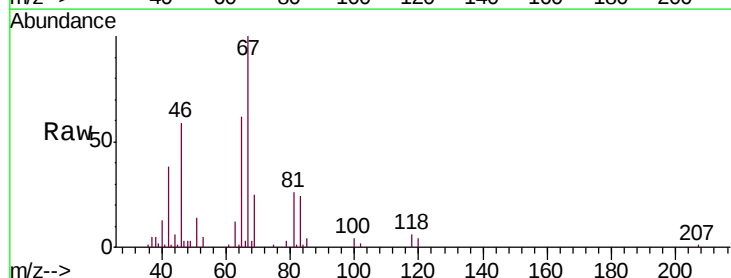
Acq: 20 Jun 2019 21:39

Tgt Ion: 63 Resp: 4079

Ion Ratio Lower Upper

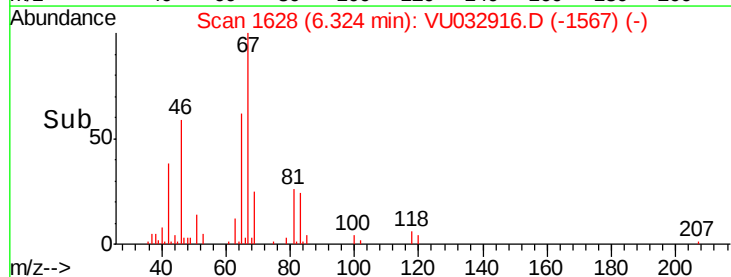
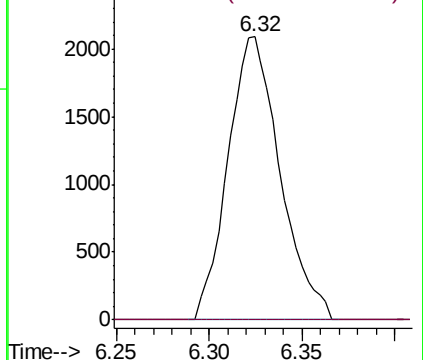
63 100

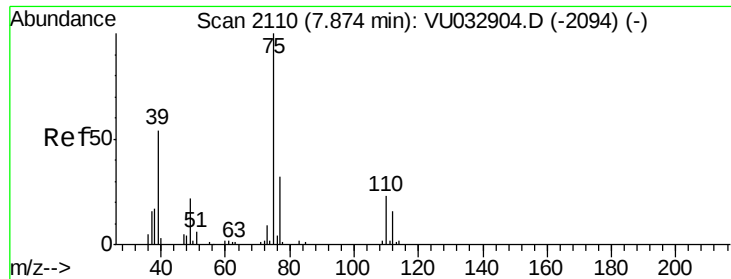
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032916.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VU032916.D (-1567) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032916.D

Acq: 20 Jun 2019 21:39

Instrument :

MSVOA_U

ClientSampleId :

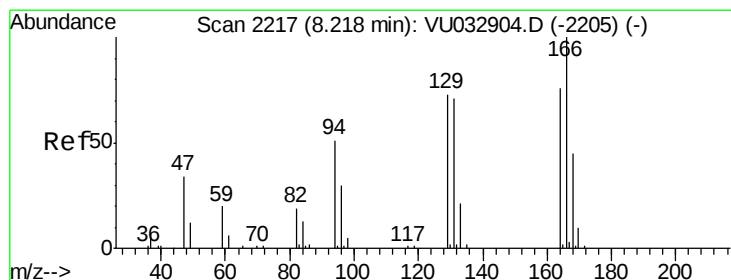
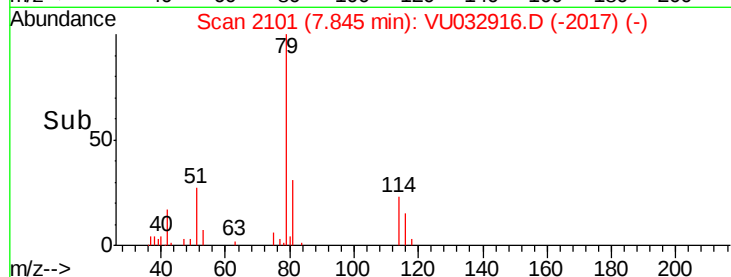
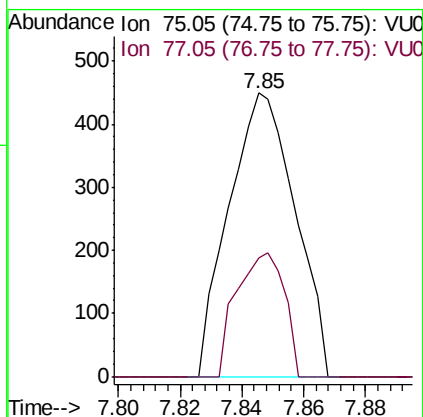
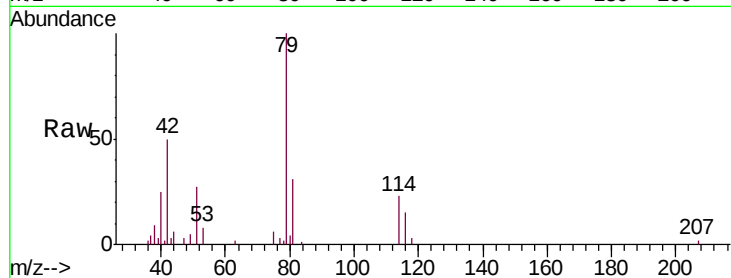
GALG8DL

Tgt Ion: 75 Resp: 669

Ion Ratio Lower Upper

75 100

77 41.9 22.5 41.7#



#47

Tetrachloroethene

Concen: 4.196 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU032916.D

Acq: 20 Jun 2019 21:39

Tgt Ion: 164 Resp: 24916

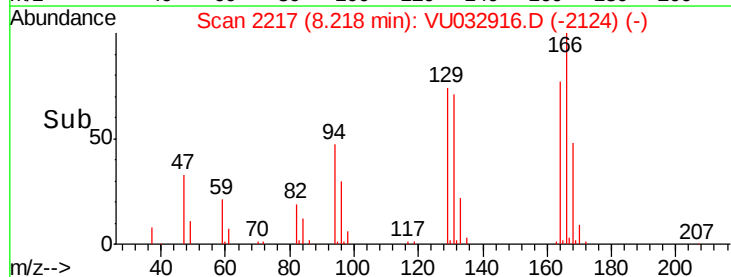
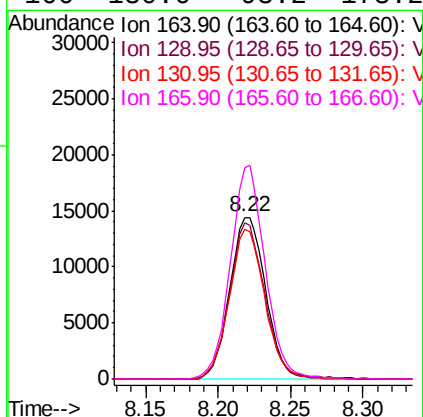
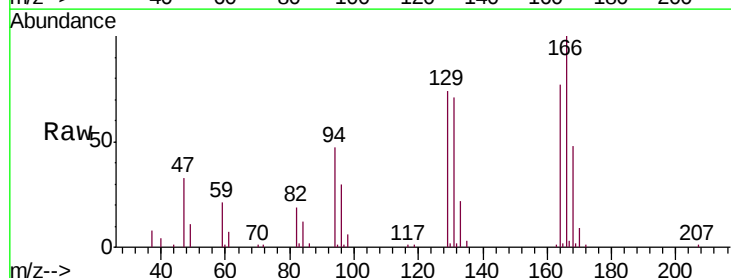
Ion Ratio Lower Upper

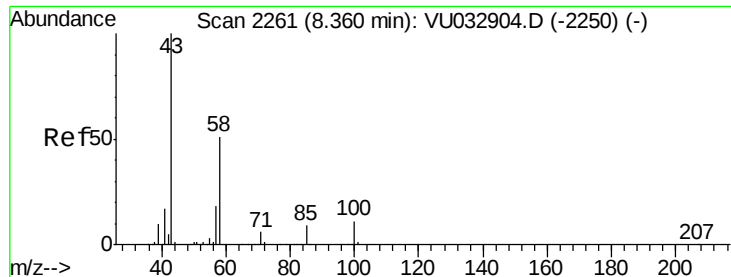
164 100

129 96.8 66.1 122.7

131 92.5 65.6 121.8

166 130.6 93.2 173.2

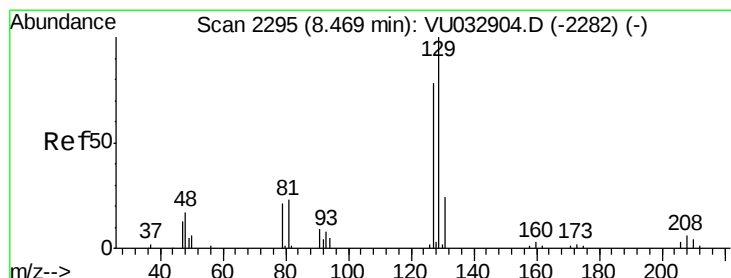
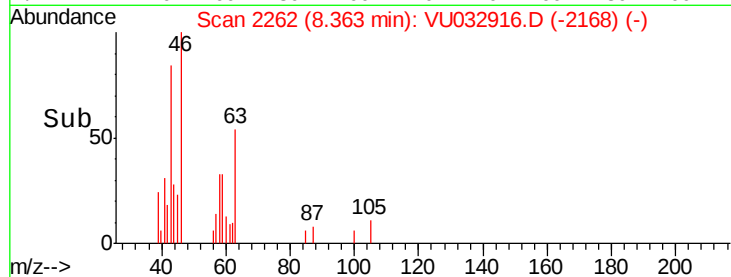
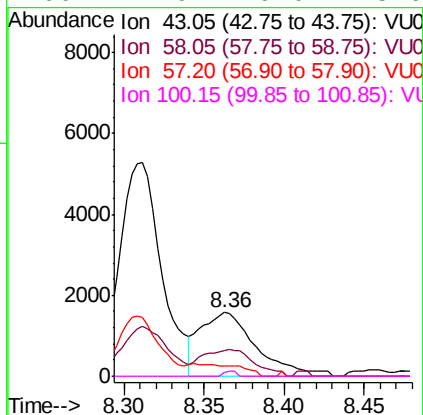
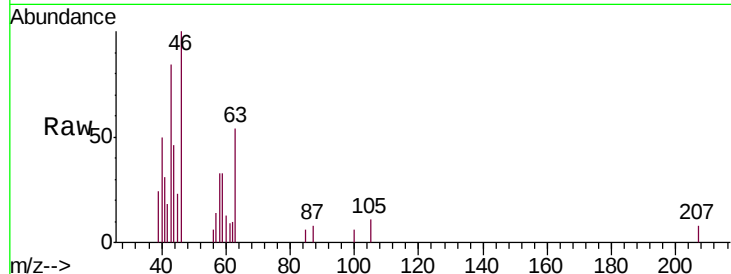




#48
2-Hexanone
Concen: 1.110 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032916.D
Acq: 20 Jun 2019 21:39

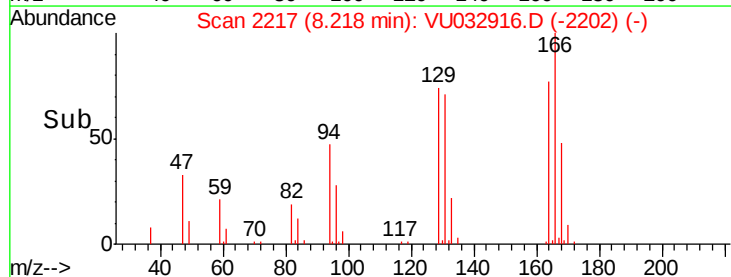
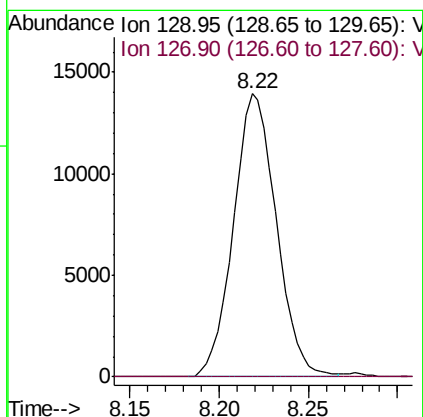
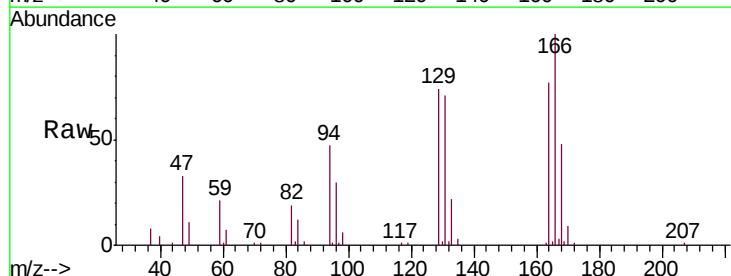
Instrument :
MSVOA_U
ClientSampleId :
GALG8DL

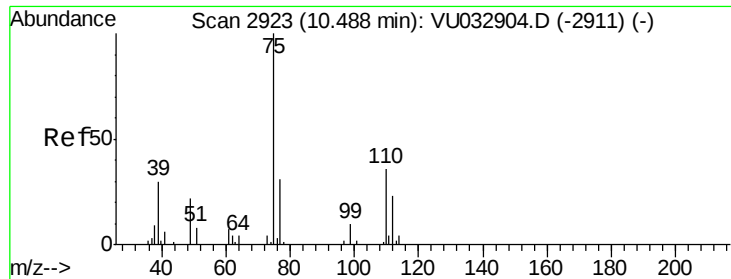
Tgt Ion: 43 Resp: 3833
Ion Ratio Lower Upper
43 100
58 38.9 41.9 62.9#
57 0.0 15.1 22.7#
100 1.9 9.0 13.6#



#49
Dibromochloromethane
Concen: 3.687 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.25 min
Lab File: VU032916.D
Acq: 20 Jun 2019 21:39

Tgt Ion: 129 Resp: 23287
Ion Ratio Lower Upper
129 100
127 0.0 53.3 98.9#





#59

1,2,3-Trichloropropane

Concen: 1.339 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032916.D

Acq: 20 Jun 2019 21:39

Instrument :

MSVOA_U

ClientSampleId :

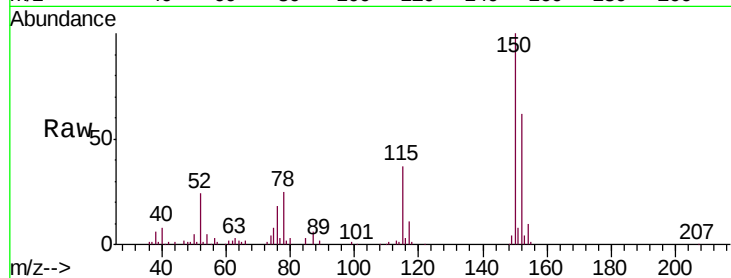
GALG8DL

Tgt Ion: 75 Resp: 5968

Ion Ratio Lower Upper

75 100

77 33.8 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

