

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032856.D
 Acq On : 19 Jun 2019 14:23
 Operator : JC/SP
 Sample : K3413-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF7

Quant Time: Jun 20 05:18:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 05:14:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	94050	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90016	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48614	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	25636	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.68	69	23520	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.27	63	40386	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.19	46	99576	58.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.70%
24) Chloroform-d	4.64	84	56865	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.30	65	34379	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.20%
32) Benzene-d6	5.33	84	109301	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.32	67	35424	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.56	98	96334	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.85	79	14722	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.31	63	73274	49.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32055	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	42911	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	2216	0.265 ug/L	97
8) Chloroethane	1.69	64	625	0.119 ug/L	100
13) Acetone	2.32	43	22622	17.079 ug/L	97
14) Carbon disulfide	2.47	76	5281	0.276 ug/L #	91
15) Methyl Acetate	2.62	43	8492	2.337 ug/L #	54
21) 2-Butanone	4.38	43	464906	241.333 ug/L #	49
30) Cyclohexane	4.97	56	1173	0.101 ug/L #	51
33) Benzene	5.38	78	10246	0.386 ug/L	100
35) Methylcyclohexane	6.32	83	8273	0.674 ug/L #	22
37) 1,2-Dichloropropane	6.32	63	4306	0.627 ug/L #	89
42) Toluene	7.63	91	14187	0.480 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	723	0.086 ug/L #	73
48) 2-Hexanone	8.36	43	4452	1.275 ug/L #	96
52) Ethylbenzene	9.24	91	3739	0.115 ug/L	90
53) m,p-Xylene	9.37	106	2316	0.187 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	6350	1.408 ug/L #	86

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 05:14:15 2019
Response via : Initial Calibration

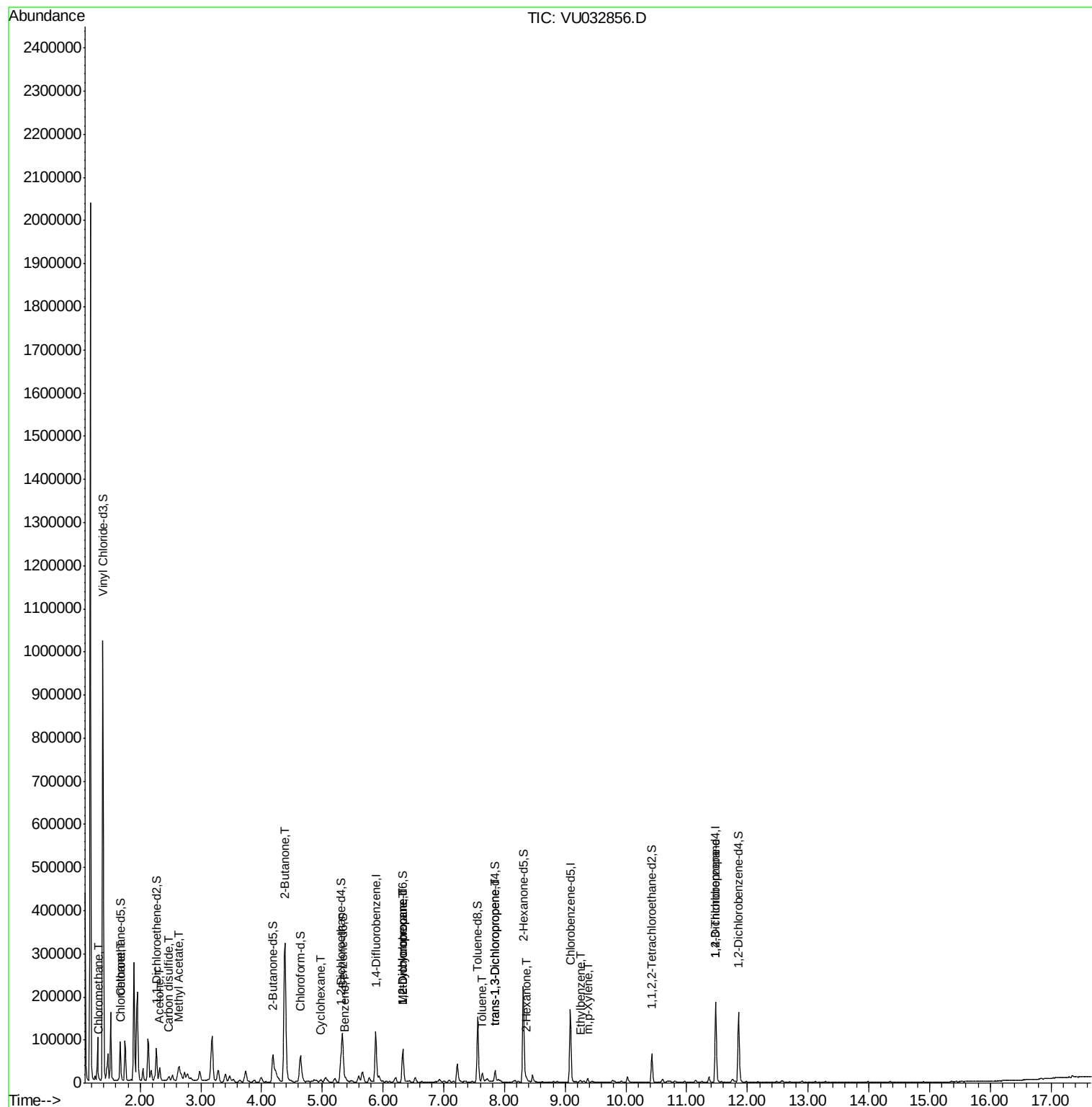
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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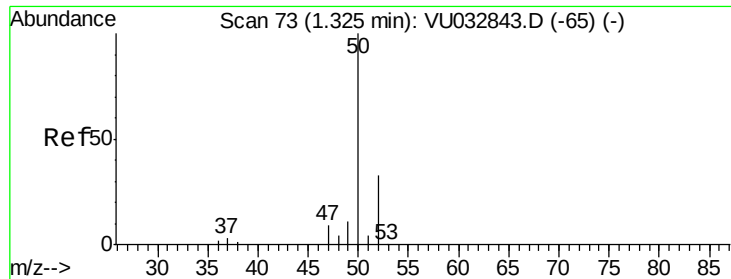
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
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#3

Chloromethane

Concen: 0.265 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032856.D

Acq: 19 Jun 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

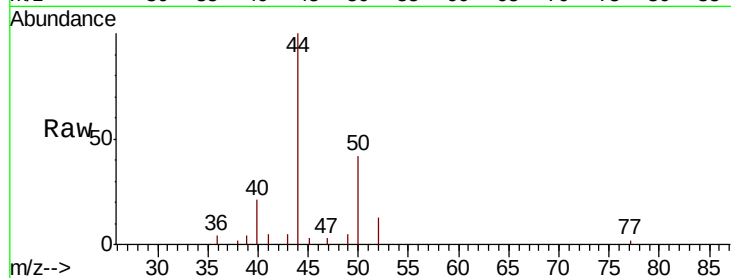
GALF7

Tgt Ion: 50 Resp: 2216

Ion Ratio Lower Upper

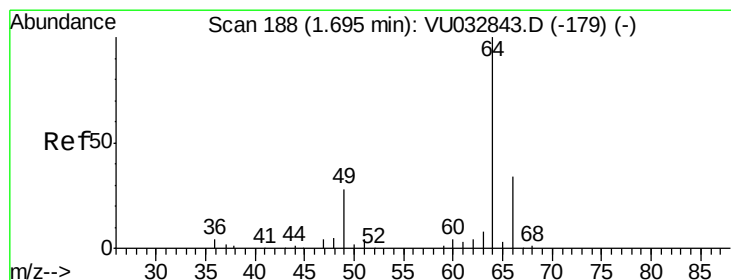
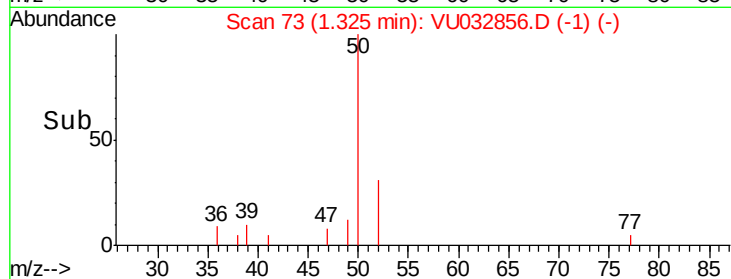
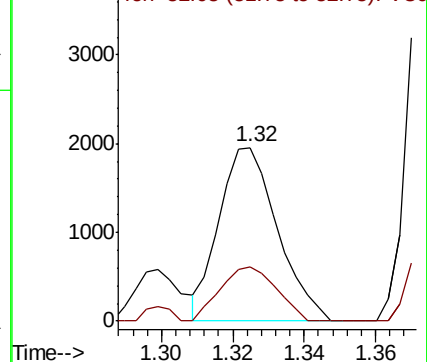
50 100

52 31.4 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.119 ug/L

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU032856.D

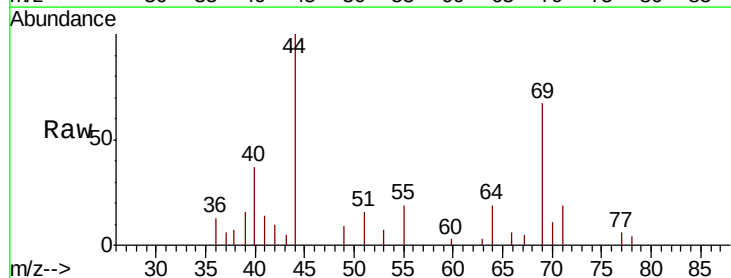
Acq: 19 Jun 2019 14:23

Tgt Ion: 64 Resp: 625

Ion Ratio Lower Upper

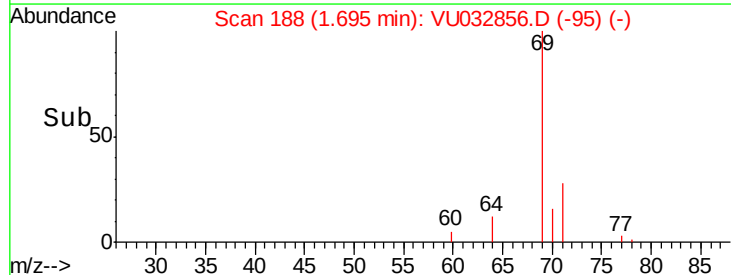
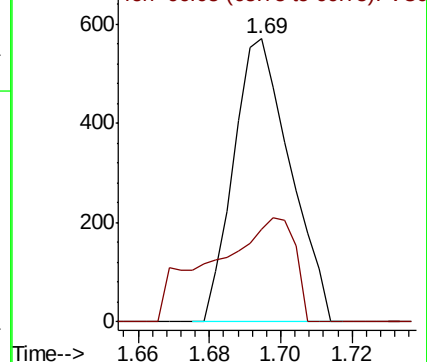
64 100

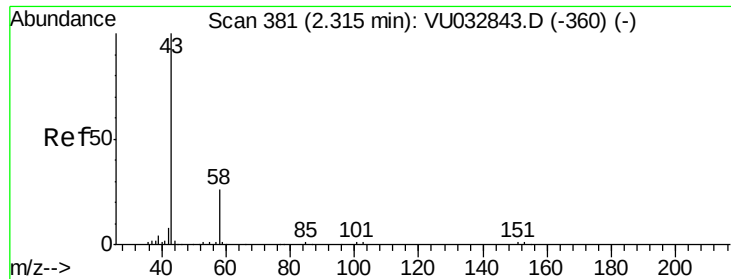
66 32.6 22.8 42.4



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 17.079 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032856.D

Acq: 19 Jun 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

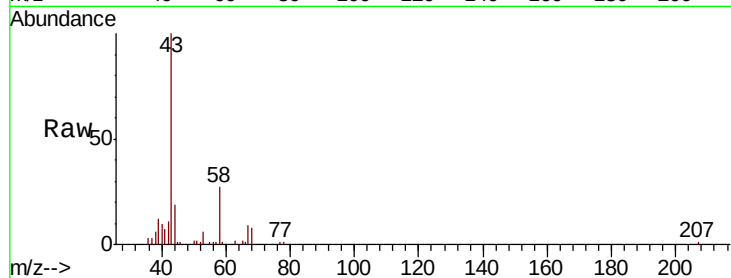
GALF7

Tgt Ion: 43 Resp: 22622

Ion Ratio Lower Upper

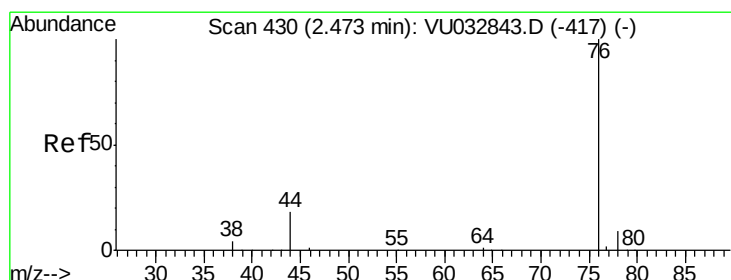
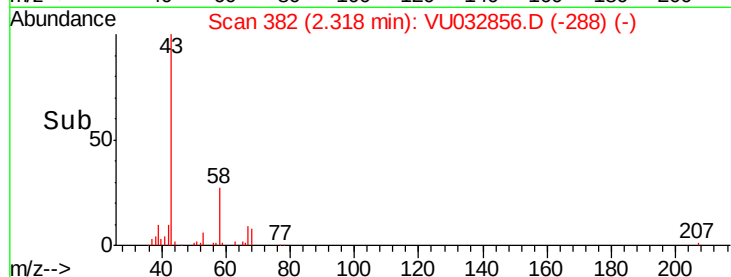
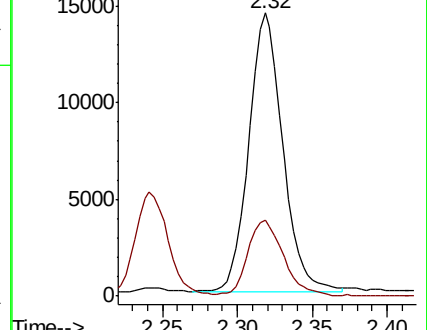
43 100

58 28.8 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032843.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU032843.D (-360) (-)



#14

Carbon disulfide

Concen: 0.276 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU032856.D

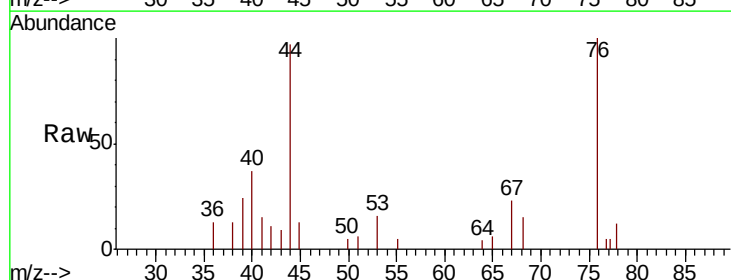
Acq: 19 Jun 2019 14:23

Tgt Ion: 76 Resp: 5281

Ion Ratio Lower Upper

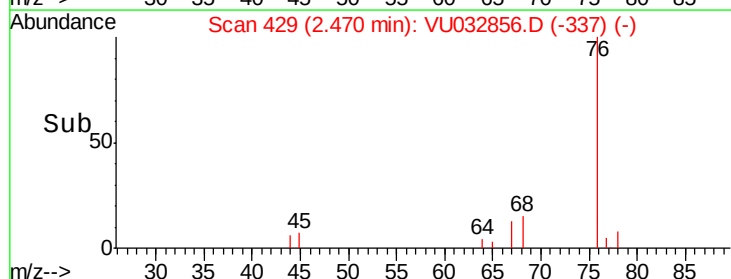
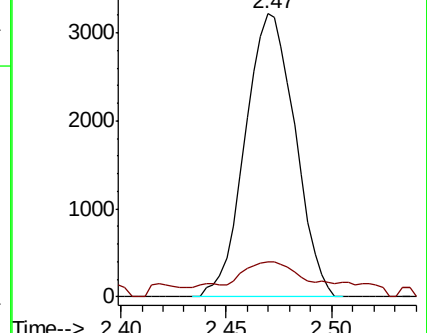
76 100

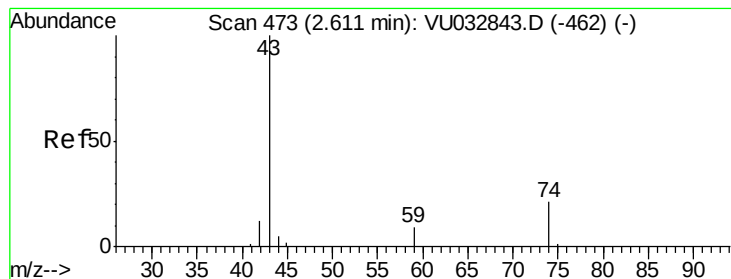
78 12.5 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VU032843.D (-417) (-)

Ion 78.00 (77.70 to 78.70): VU032843.D (-417) (-)





#15

Methyl Acetate

Concen: 2.337 ug/L

RT: 2.62 min Scan# 477

Delta R.T. 0.01 min

Lab File: VU032856.D

Acq: 19 Jun 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

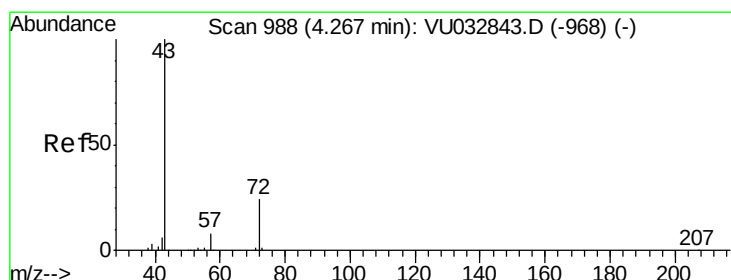
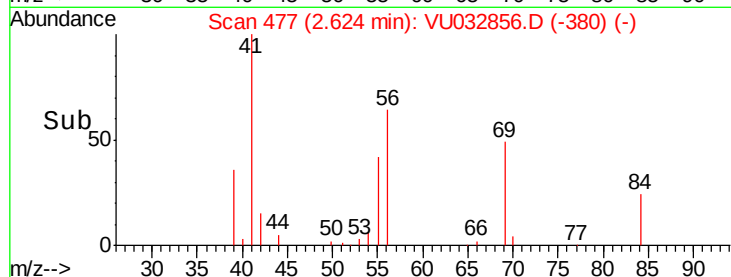
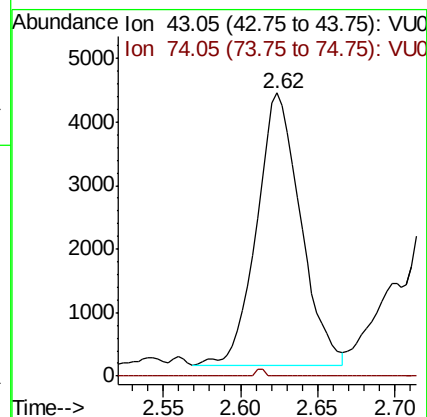
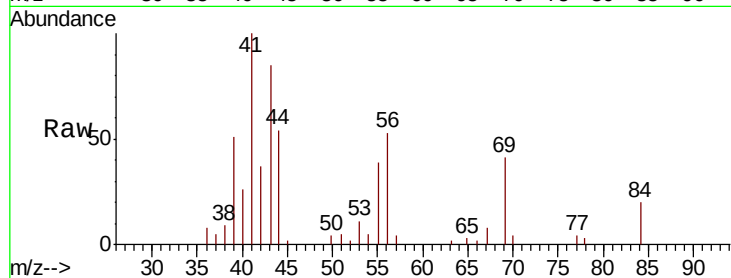
GALF7

Tgt Ion: 43 Resp: 8492

Ion Ratio Lower Upper

43 100

74 0.5 17.8 26.8#



#21

2-Butanone

Concen: 241.333 ug/L

RT: 4.38 min Scan# 1024

Delta R.T. 0.12 min

Lab File: VU032856.D

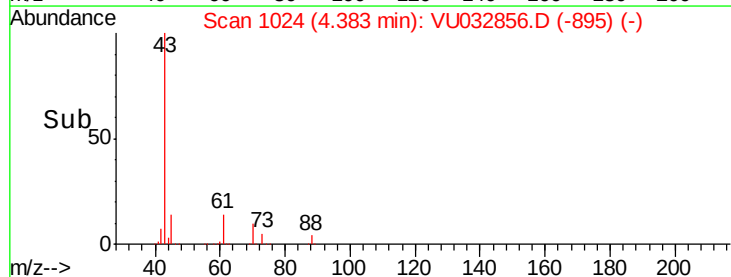
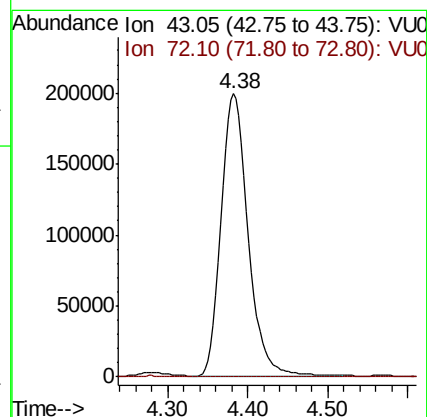
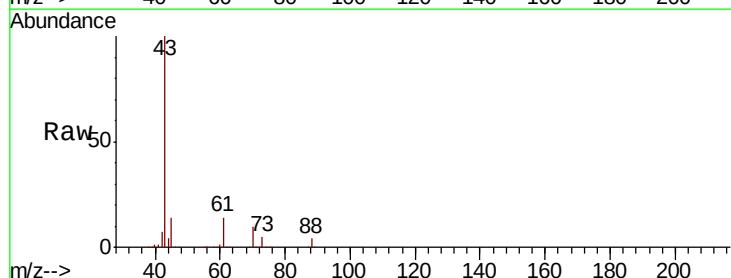
Acq: 19 Jun 2019 14:23

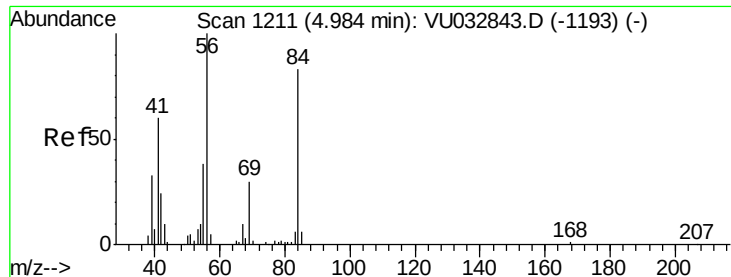
Tgt Ion: 43 Resp: 464906

Ion Ratio Lower Upper

43 100

72 0.0 13.1 39.3#

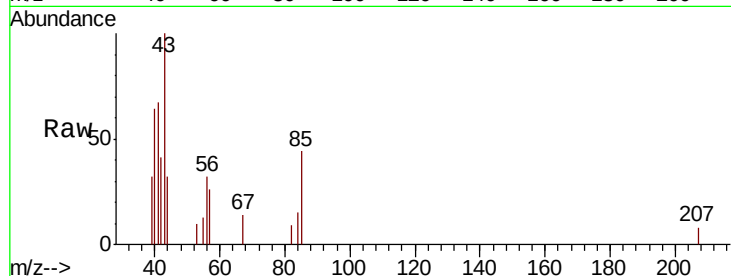




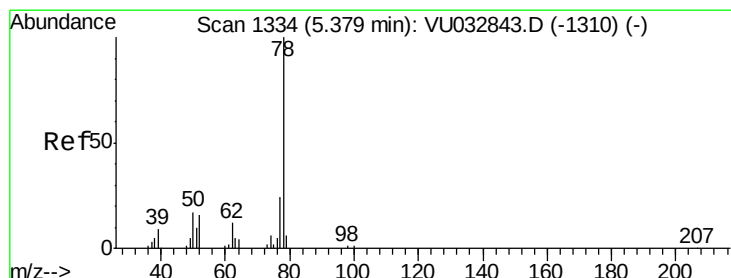
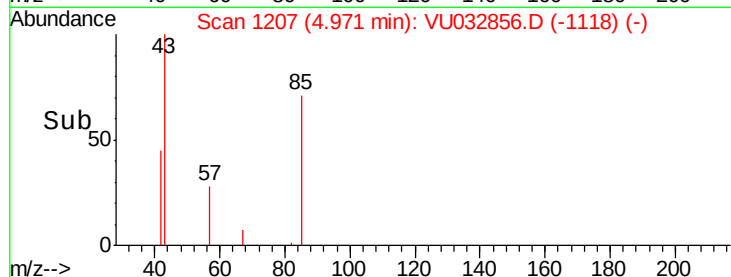
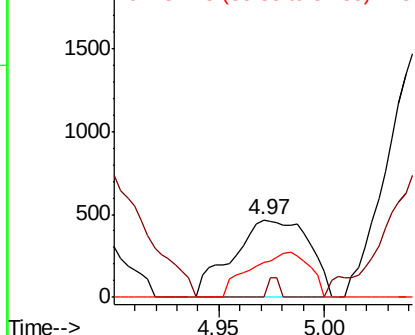
#30
Cyclohexane
Concen: 0.101 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VU032856.D
Acq: 19 Jun 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
GALF7

Tgt Ion: 56 Resp: 1173
Ion Ratio Lower Upper
56 100
69 0.0 24.9 37.3#
84 44.9 70.2 105.2#

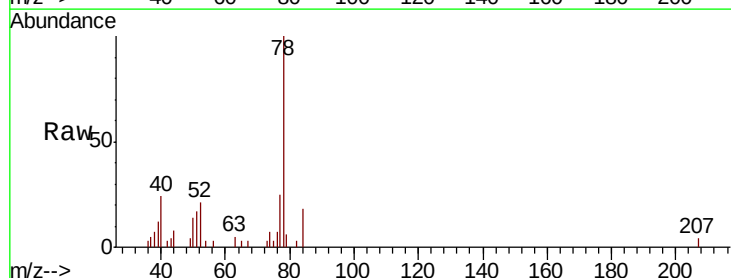


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

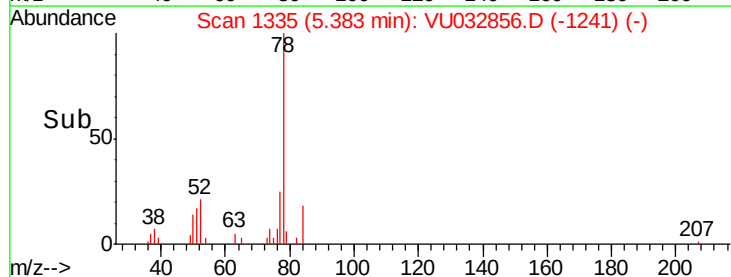
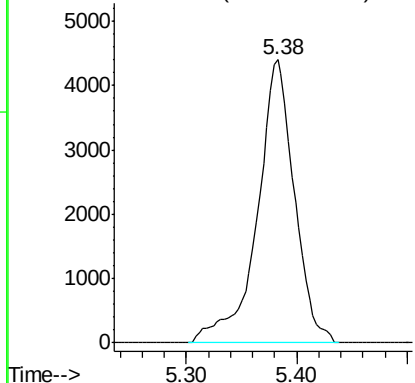


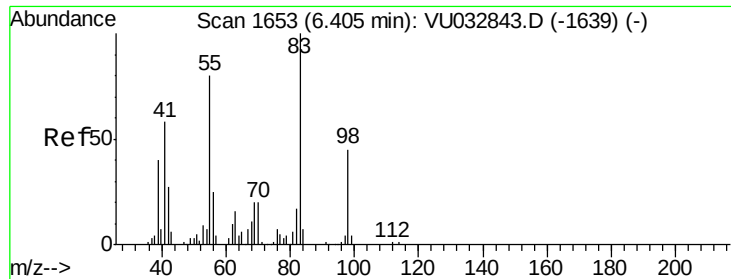
#33
Benzene
Concen: 0.386 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032856.D
Acq: 19 Jun 2019 14:23

Tgt Ion: 78 Resp: 10246



Abundance Ion 78.10 (77.80 to 78.80): VU0

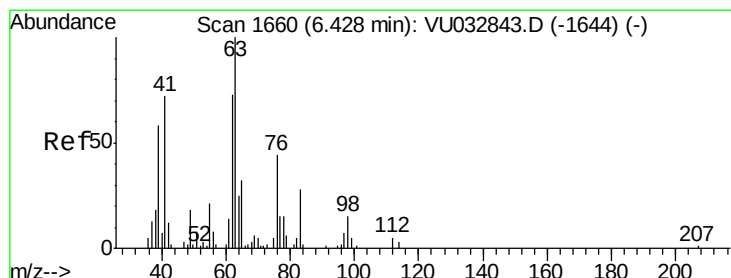
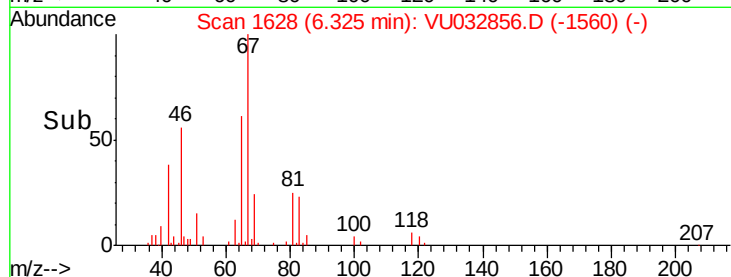
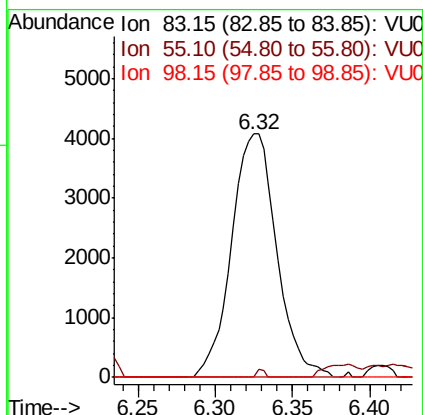
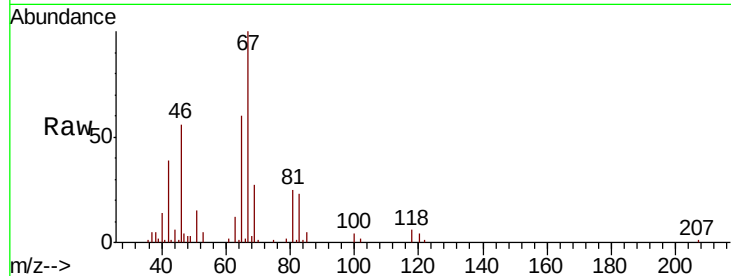




#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032856.D
Acq: 19 Jun 2019 14:23

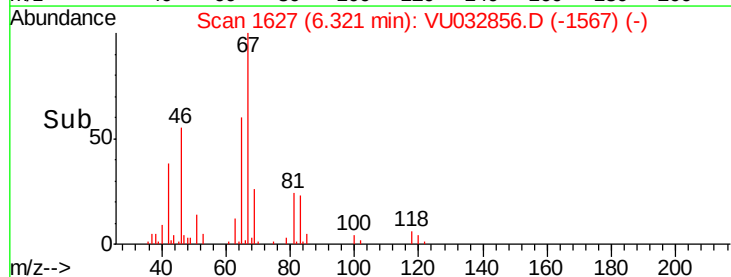
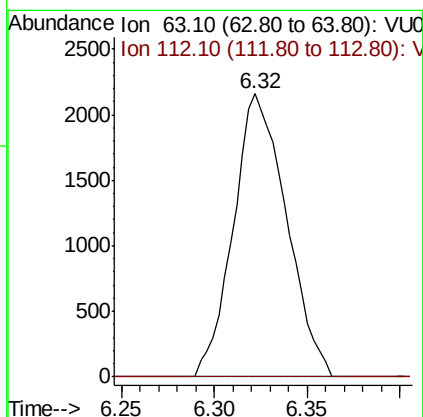
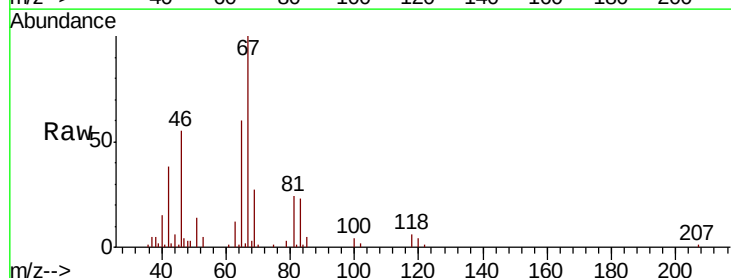
Instrument :
MSVOA_U
ClientSampled :
GALF7

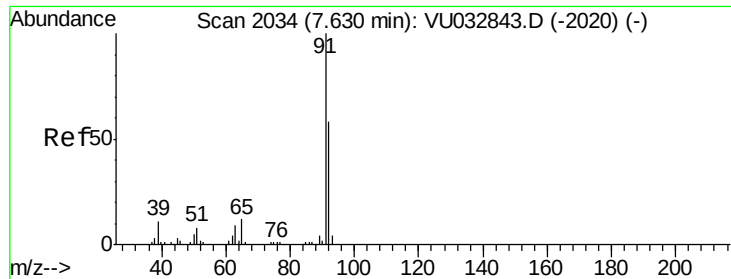
Tgt Ion: 83 Resp: 8273
Ion Ratio Lower Upper
83 100
55 4.0 60.0 90.0#
98 0.0 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.627 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VU032856.D
Acq: 19 Jun 2019 14:23

Tgt Ion: 63 Resp: 4306
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#42

Toluene

Concen: 0.480 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032856.D

Acq: 19 Jun 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

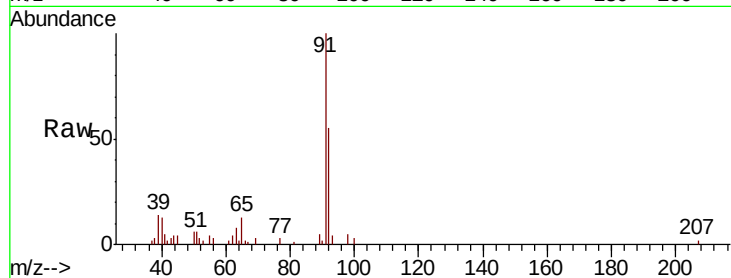
GALF7

Tgt Ion: 91 Resp: 14187

Ion Ratio Lower Upper

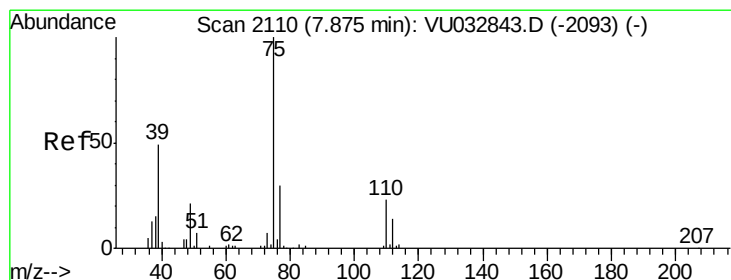
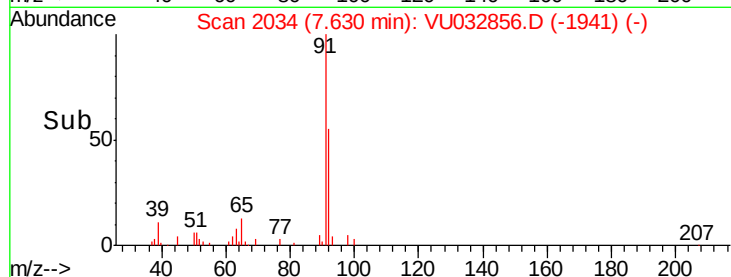
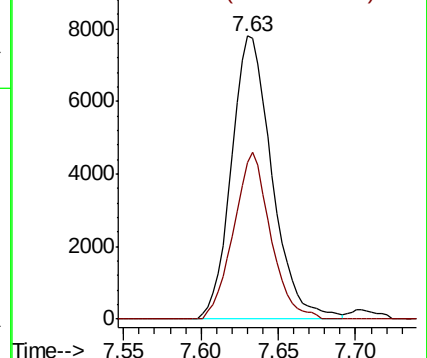
91 100

92 55.3 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032856.D

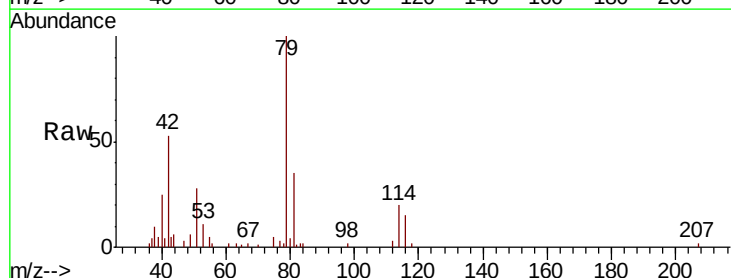
Acq: 19 Jun 2019 14:23

Tgt Ion: 75 Resp: 723

Ion Ratio Lower Upper

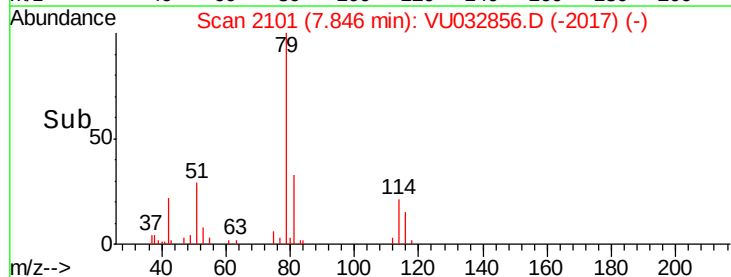
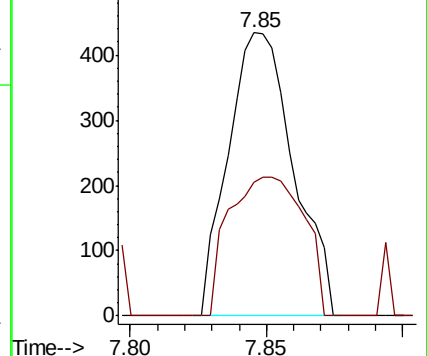
75 100

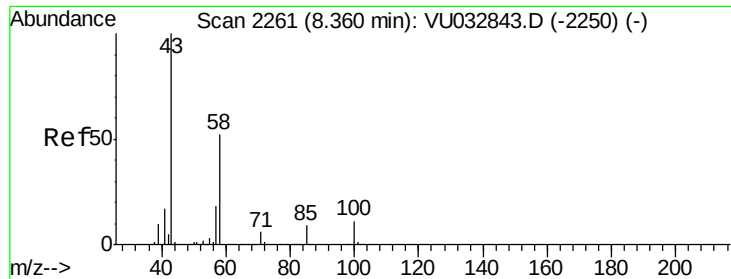
77 47.0 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

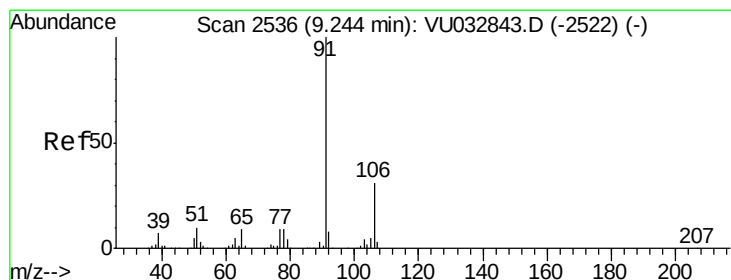
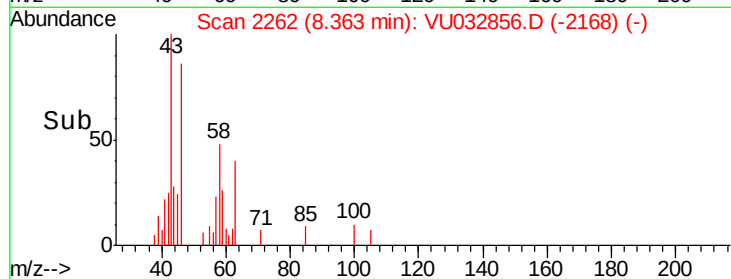
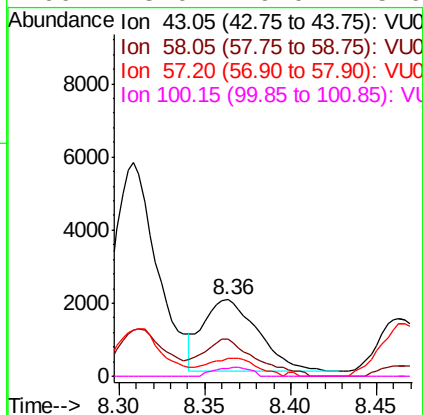
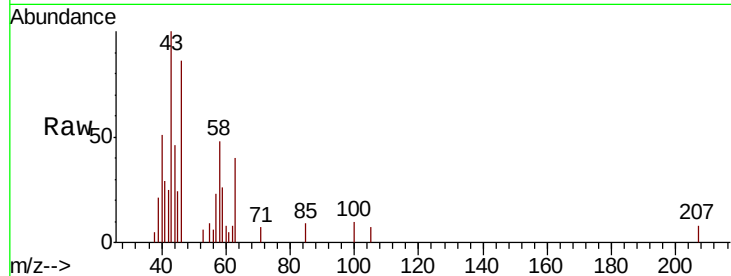




#48
2-Hexanone
Concen: 1.275 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032856.D
Acq: 19 Jun 2019 14:23

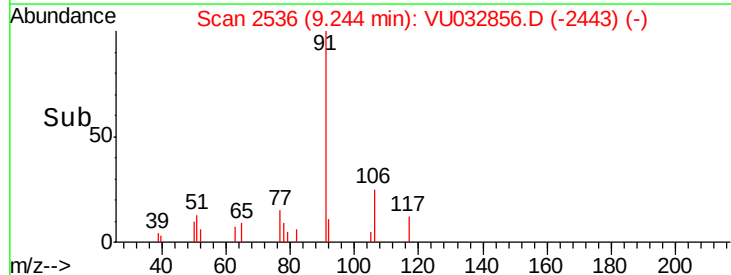
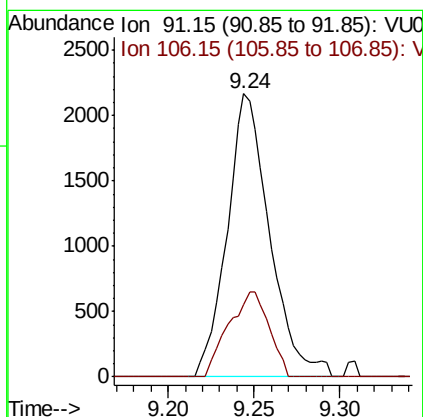
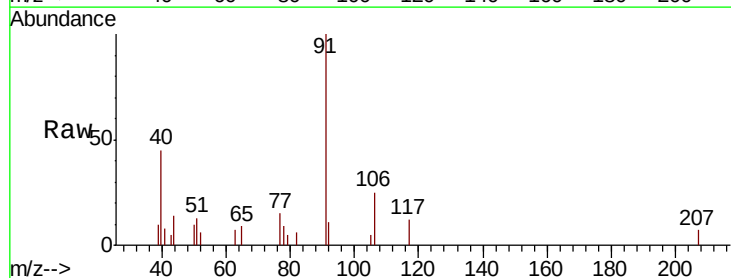
Instrument :
MSVOA_U
ClientSampleId :
GALF7

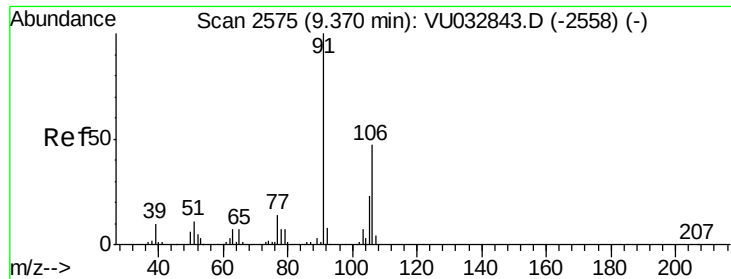
Tgt Ion: 43 Resp: 4452
Ion Ratio Lower Upper
43 100
58 50.3 41.9 62.9
57 21.6 15.1 22.7
100 8.0 9.0 13.6#



#52
Ethylbenzene
Concen: 0.115 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU032856.D
Acq: 19 Jun 2019 14:23

Tgt Ion: 91 Resp: 3739
Ion Ratio Lower Upper
91 100
106 25.5 21.8 40.6





#53

m,p-Xylene

Concen: 0.187 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032856.D

Acq: 19 Jun 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

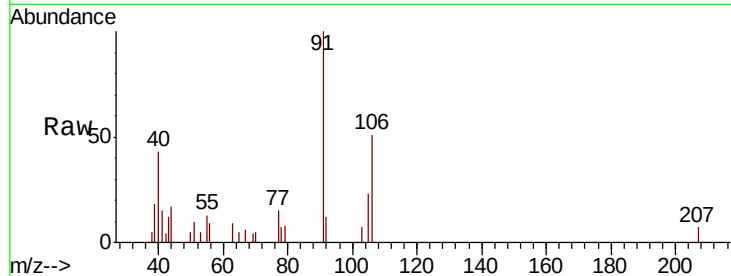
GALF7

Tgt Ion:106 Resp: 2316

Ion Ratio Lower Upper

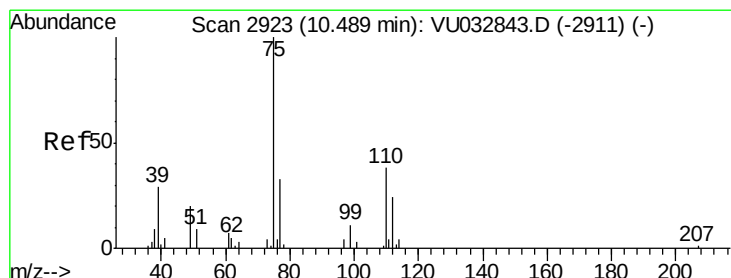
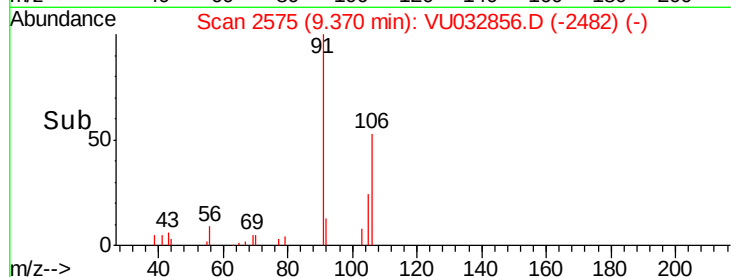
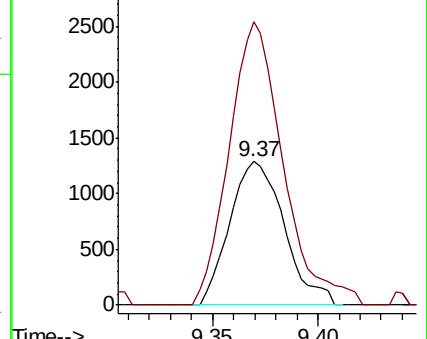
106 100

91 197.5 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): VU032843.D (-2558) (-)

Ion 91.15 (90.85 to 91.85): VU032843.D (-2558) (-)



#59

1,2,3-Trichloropropane

Concen: 1.408 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032856.D

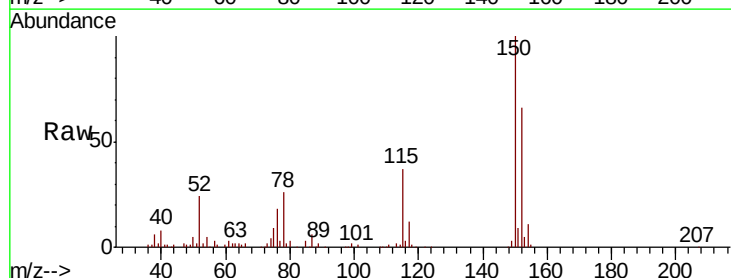
Acq: 19 Jun 2019 14:23

Tgt Ion: 75 Resp: 6350

Ion Ratio Lower Upper

75 100

77 39.1 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU032843.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU032843.D (-2911) (-)

