

Data File : VU032893.D
Acq On : 20 Jun 2019 11:25
Operator : JC/SP
Sample : K3414-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALM8

Quant Time: Jun 21 05:31:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 05:28:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	91065	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	88448	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	24029	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.68	69	22636	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.27	63	41882	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.19	46	98821	59.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.60%
24) Chloroform-d	4.64	84	58475	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.30	65	34204	6.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.40%
32) Benzene-d6	5.33	84	108251	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.32	67	36478	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.56	98	97679	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.85	79	14710	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.31	63	73494	50.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31938	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	42723	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

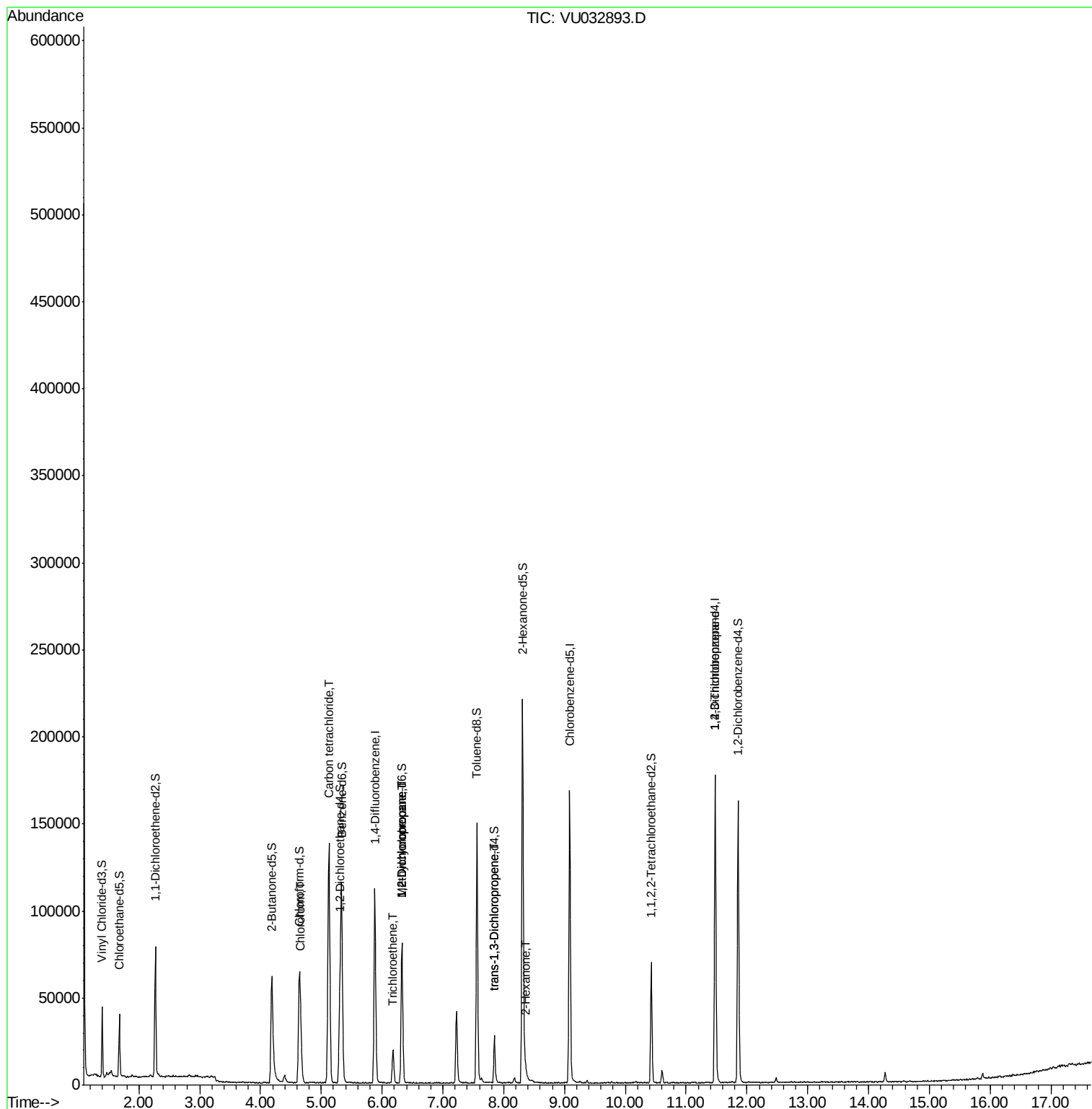
					Qvalue
25) Chloroform	4.67	83	16639	1.458 ug/L	97
31) Carbon tetrachloride	5.13	117	96172	9.814 ug/L	100
34) Trichloroethene	6.18	95	6175	0.823 ug/L	95
35) Methylcyclohexane	6.32	83	8156	0.676 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4316	0.640 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	743	0.090 ug/L #	73
48) 2-Hexanone	8.36	43	3679	1.072 ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	6199	1.399 ug/L	91

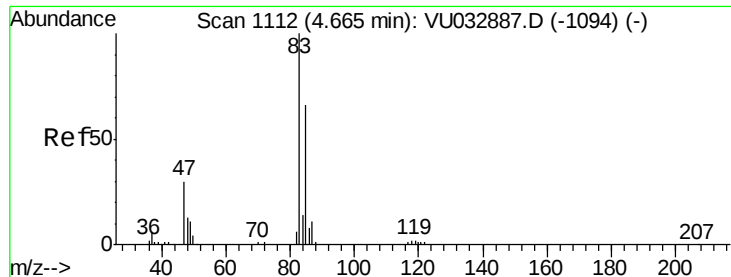
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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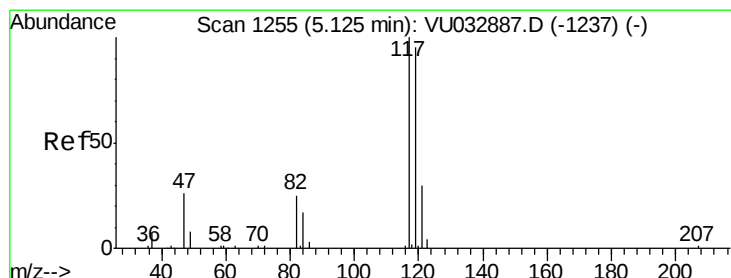
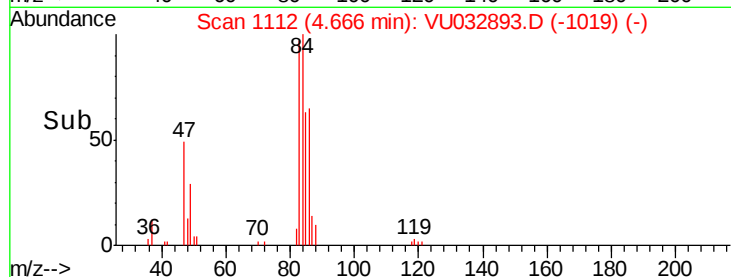
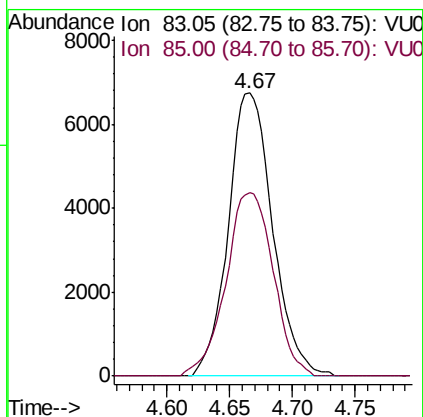
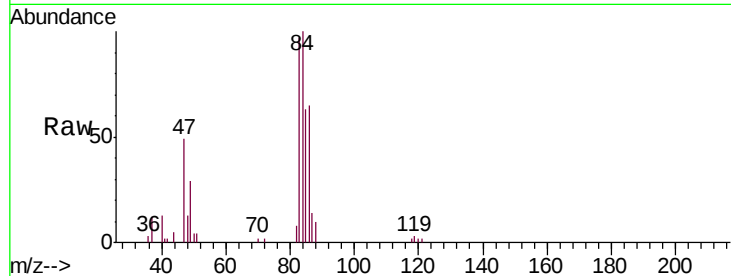




#25
Chloroform
Concen: 1.458 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU032893.D
Acq: 20 Jun 2019 11:25

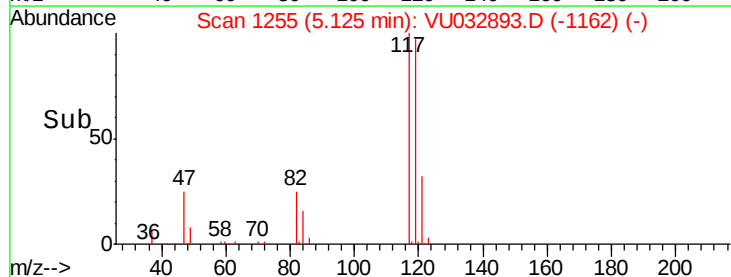
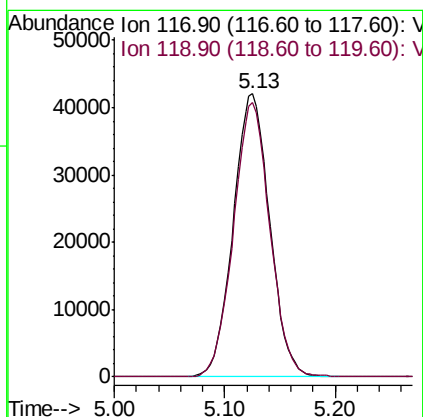
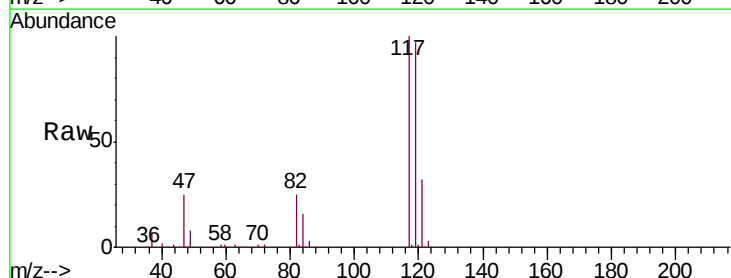
Instrument :
MSVOA_U
ClientSampleId :
GALM8

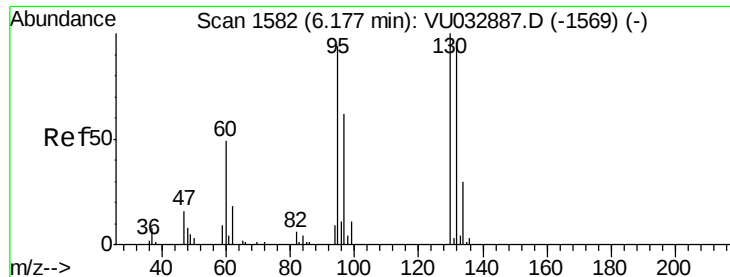
Tgt Ion: 83 Resp: 16639
Ion Ratio Lower Upper
83 100
85 64.9 43.8 81.3



#31
Carbon tetrachloride
Concen: 9.814 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VU032893.D
Acq: 20 Jun 2019 11:25

Tgt Ion: 117 Resp: 96172
Ion Ratio Lower Upper
117 100
119 96.8 77.8 116.6





#34

Trichloroethene

Concen: 0.823 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032893.D

Acq: 20 Jun 2019 11:25

Instrument :

MSVOA_U

ClientSampleId :

GALM8

Tgt Ion: 95 Resp: 6175

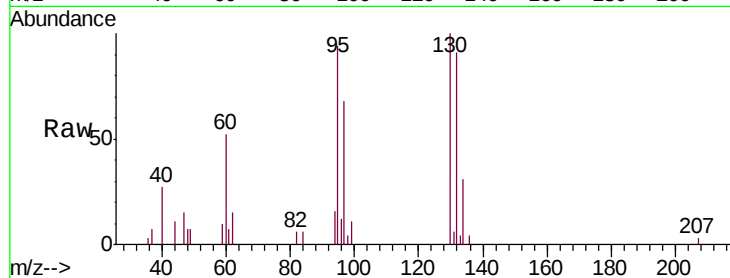
Ion Ratio Lower Upper

95 100

97 72.5 44.1 81.9

132 96.7 68.8 127.8

130 105.9 71.0 131.8

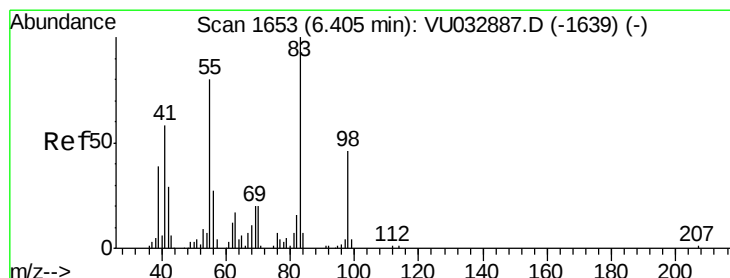
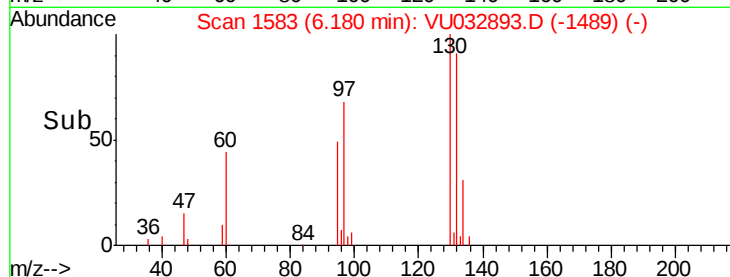
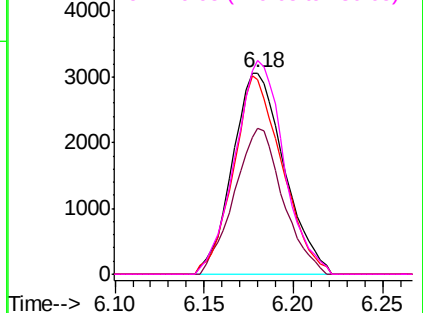


Abundance Ion 95.00 (94.70 to 95.70): VU032887.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU032887.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU032887.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU032887.D (-1569) (-)



#35

Methylcyclohexane

Concen: 0.676 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032893.D

Acq: 20 Jun 2019 11:25

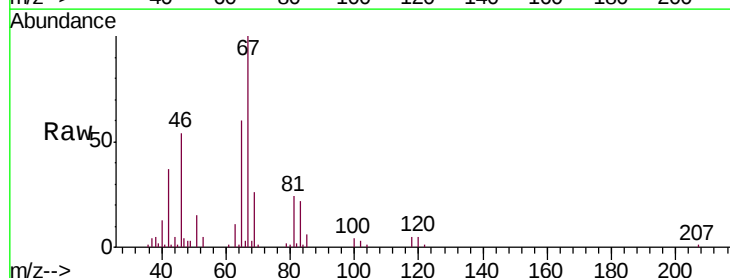
Tgt Ion: 83 Resp: 8156

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

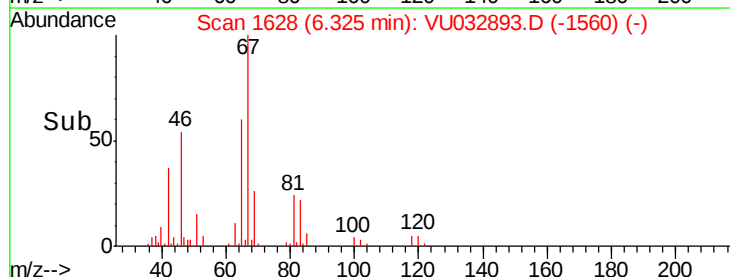
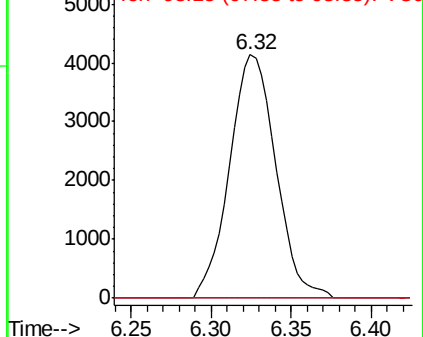
98 0.5 37.8 56.8#

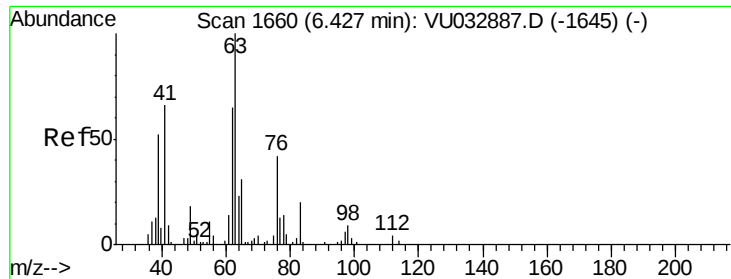


Abundance Ion 83.15 (82.85 to 83.85): VU032887.D (-1639) (-)

Ion 55.10 (54.80 to 55.80): VU032887.D (-1639) (-)

Ion 98.15 (97.85 to 98.85): VU032887.D (-1639) (-)





#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032893.D

Acq: 20 Jun 2019 11:25

Instrument :

MSVOA_U

ClientSampleId :

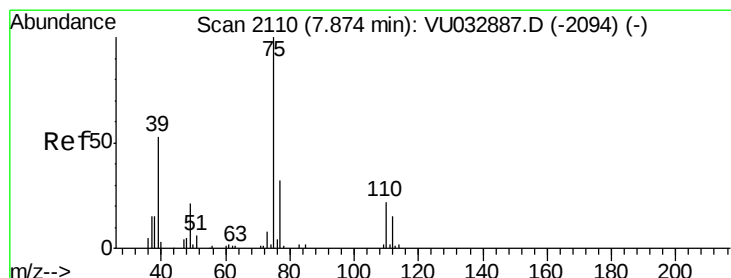
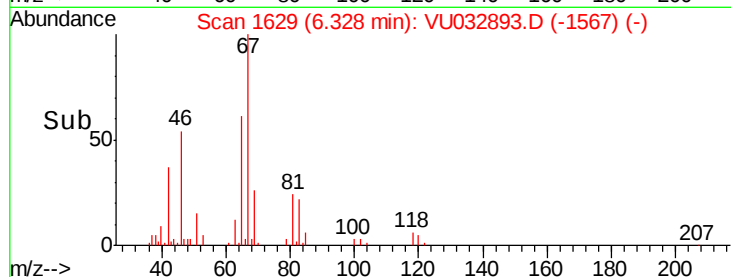
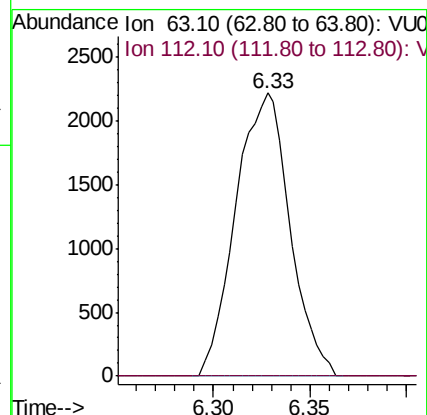
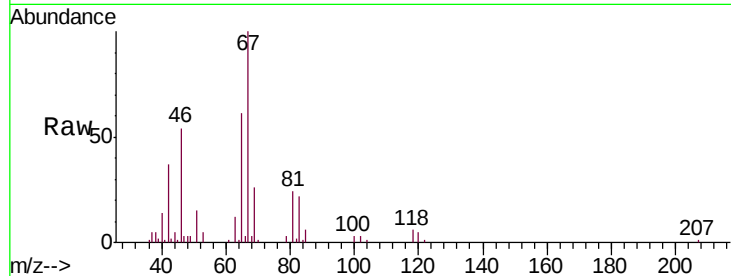
GALM8

Tgt Ion: 63 Resp: 4316

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032893.D

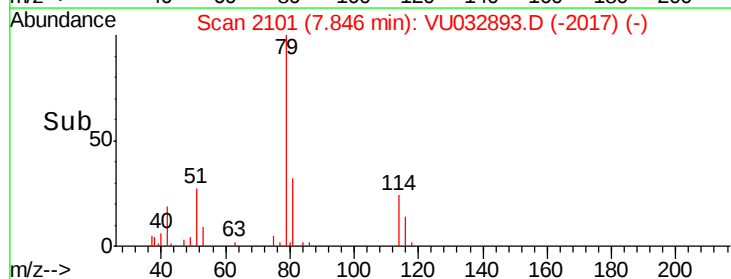
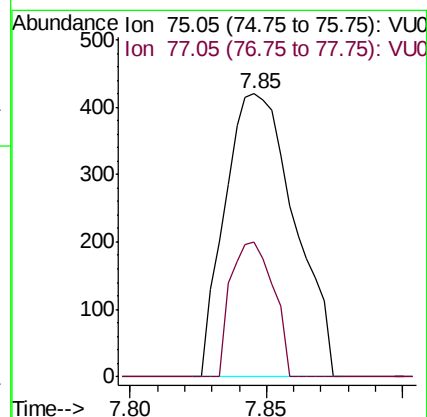
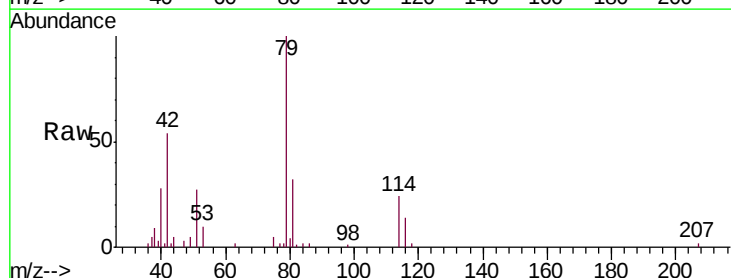
Acq: 20 Jun 2019 11:25

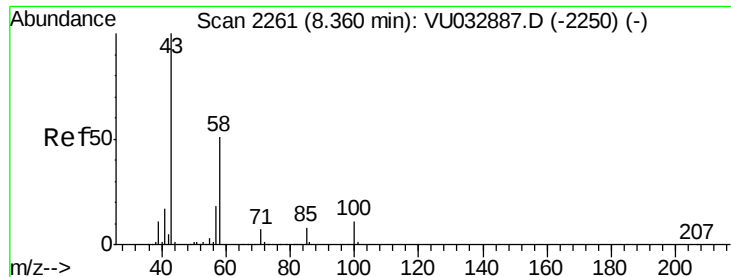
Tgt Ion: 75 Resp: 743

Ion Ratio Lower Upper

75 100

77 47.4 22.5 41.7#





#48

2-Hexanone

Concen: 1.072 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU032893.D

Acq: 20 Jun 2019 11:25

Instrument :

MSVOA_U

ClientSampleId :

GALM8

Tgt Ion: 43 Resp: 3679

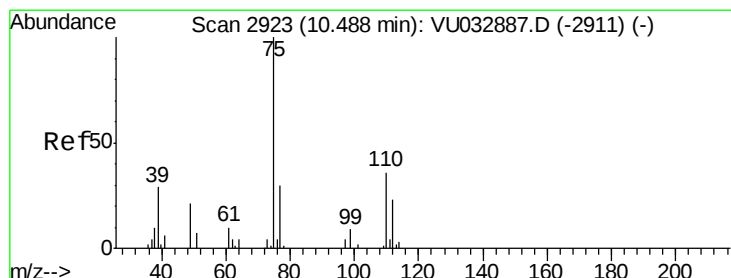
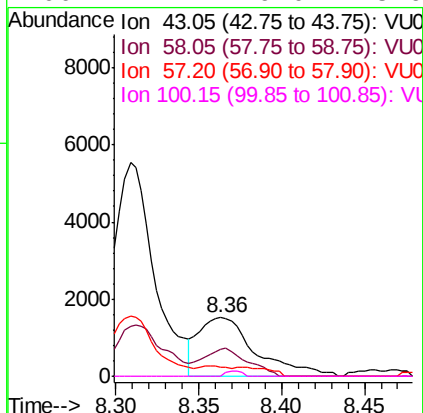
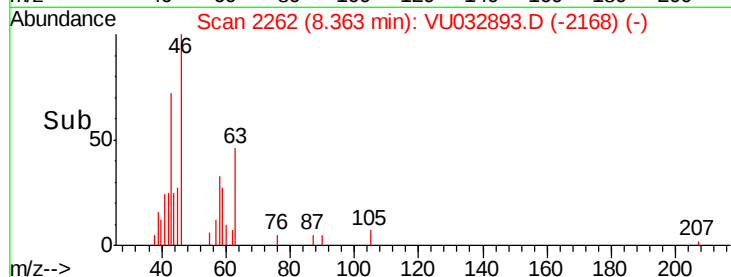
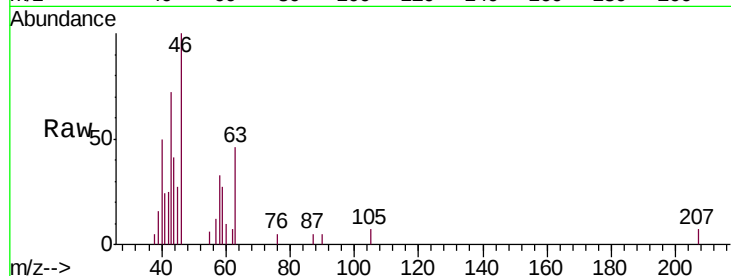
Ion Ratio Lower Upper

43 100

58 36.6 41.9 62.9#

57 9.0 15.1 22.7#

100 2.7 9.0 13.6#



#59

1,2,3-Trichloropropane

Concen: 1.399 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032893.D

Acq: 20 Jun 2019 11:25

Tgt Ion: 75 Resp: 6199

Ion Ratio Lower Upper

75 100

77 36.4 25.3 37.9

