

Data File : VU036245.D
Acq On : 16 Dec 2019 19:45
Operator : JC/MD
Sample : K6275-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDS7

Quant Time: Dec 17 01:26:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	230003	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	250627	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99293	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84890	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.93	69	79201	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.59	63	85723	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.69	46	192458	50.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.44%
24) Chloroform-d	5.11	84	153723	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.75	65	80980	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.77	84	272694	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.73	67	92947	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.93	98	219459	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	8.21	79	32842	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.67	63	146301	46.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.70%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	86800	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	92758	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

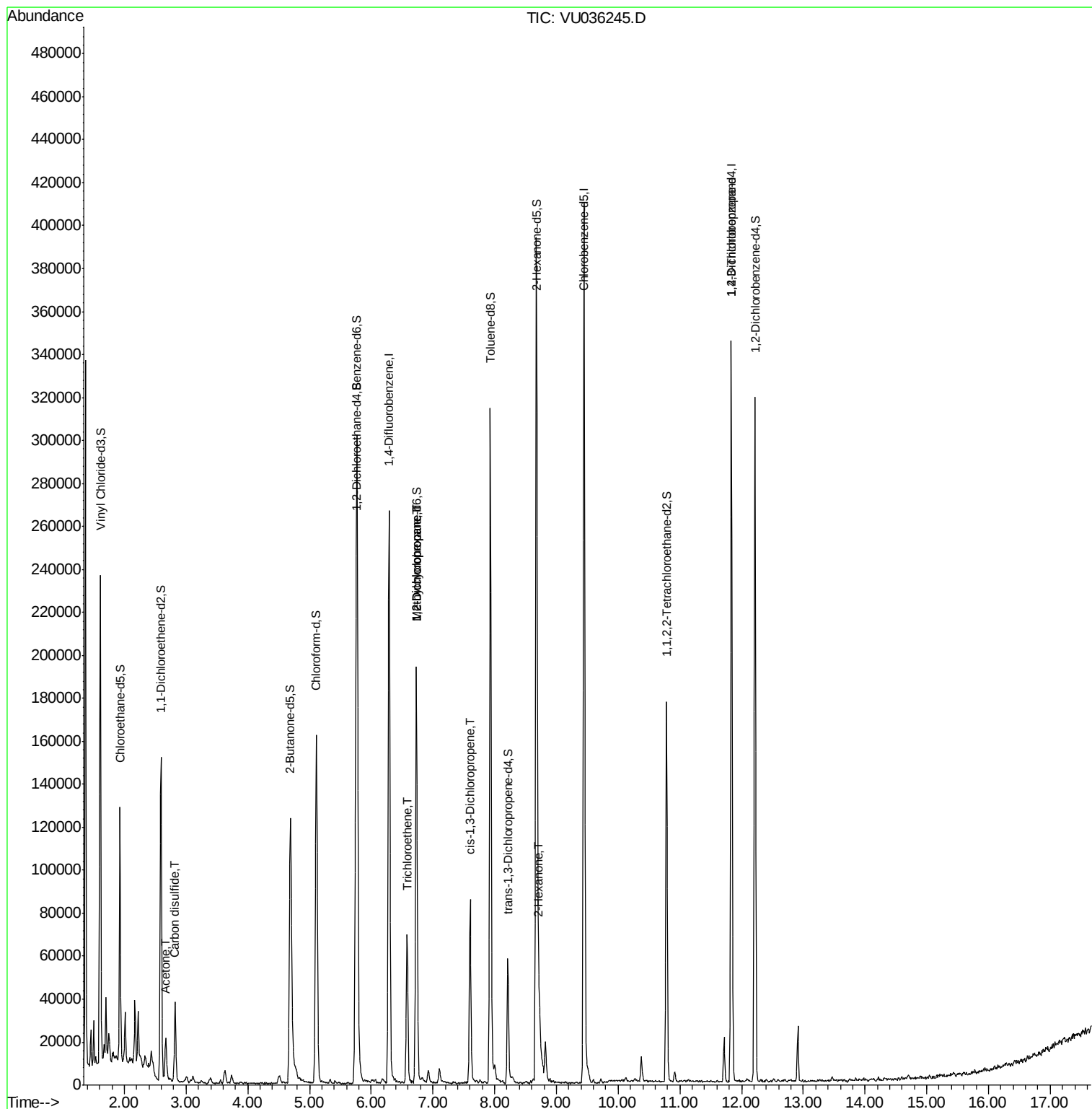
					Qvalue
13) Acetone	2.67	43	24427	7.387 ug/L	95
14) Carbon disulfide	2.82	76	49114	0.858 ug/L	100
34) Trichloroethene	6.58	95	24138	1.216 ug/L	96
35) Methylcyclohexane	6.73	83	22151	0.785 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10197	0.519 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2573	0.096 ug/L #	33
48) 2-Hexanone	8.72	43	9190	1.198 ug/L #	83
59) 1,2,3-Trichloropropane	11.83	75	10966	0.840 ug/L	92

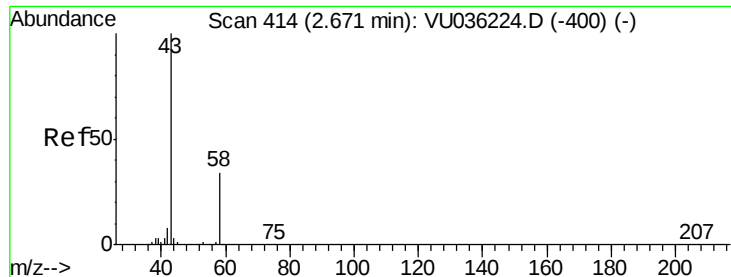
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.387 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU036245.D

Acq: 16 Dec 2019 19:45

Instrument :

MSVOA_U

ClientSampleId :

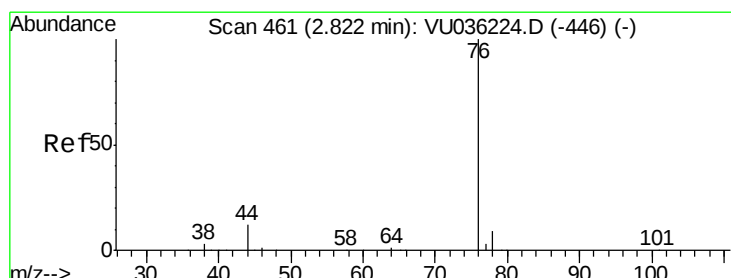
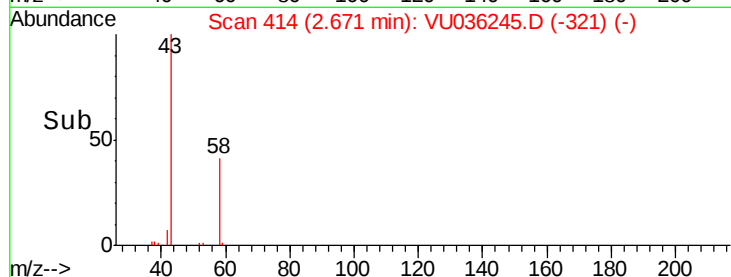
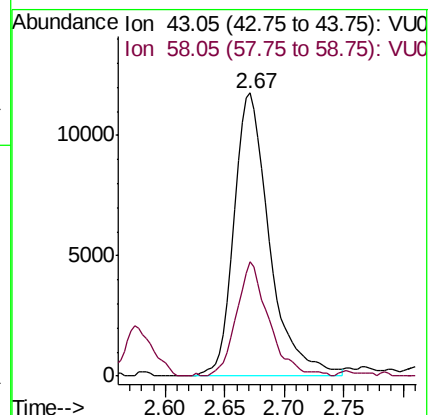
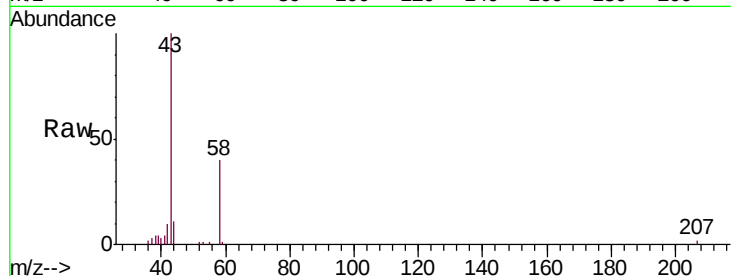
BFDS7

Tgt Ion: 43 Resp: 24427

Ion Ratio Lower Upper

43 100

58 36.7 0.0 67.6



#14

Carbon disulfide

Concen: 0.858 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036245.D

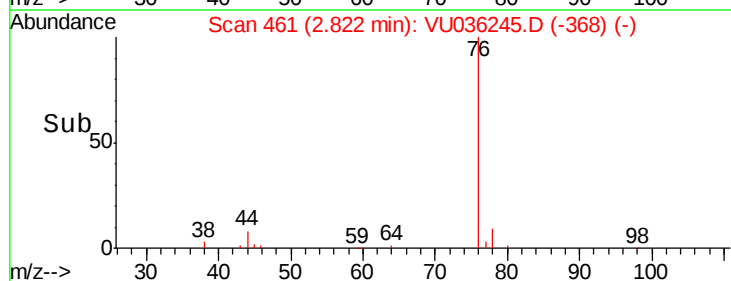
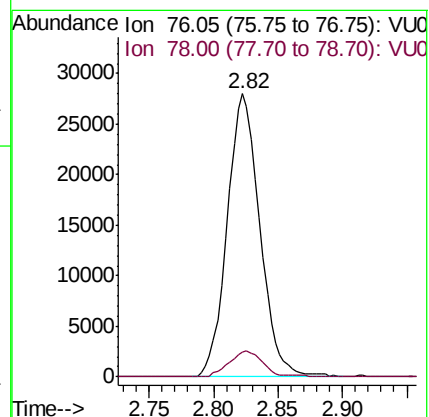
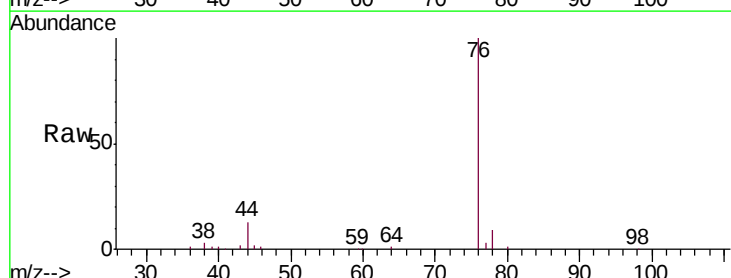
Acq: 16 Dec 2019 19:45

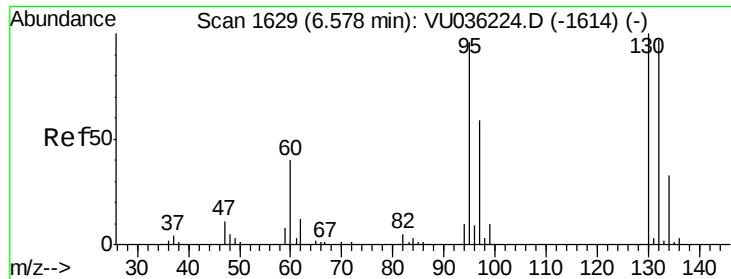
Tgt Ion: 76 Resp: 49114

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7





#34

Trichloroethene

Concen: 1.216 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036245.D

Acq: 16 Dec 2019 19:45

Instrument :

MSVOA_U

ClientSampleId :

BFDS7

Tgt Ion: 95 Resp: 24138

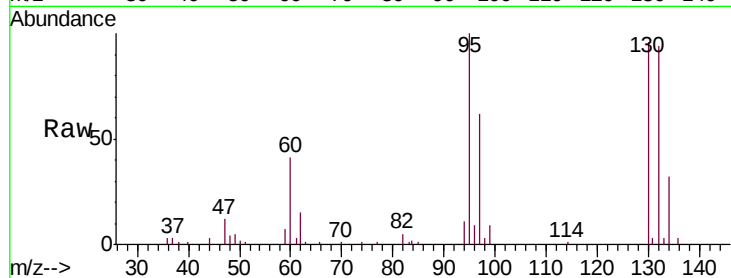
Ion Ratio Lower Upper

95 100

97 61.7 43.6 81.0

132 94.2 69.6 129.2

130 95.8 70.3 130.7

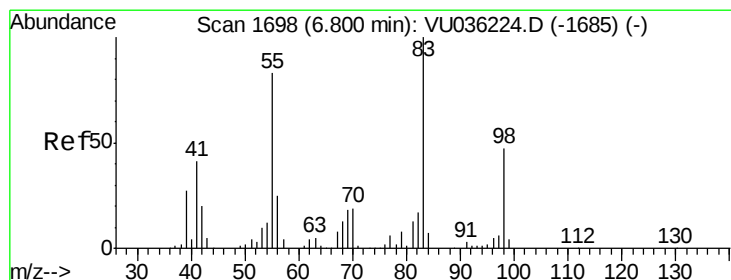
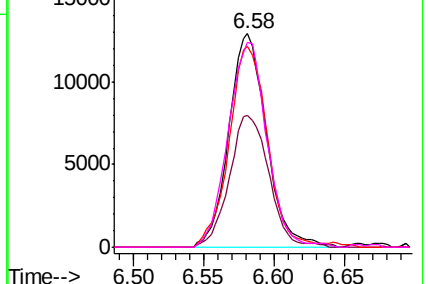
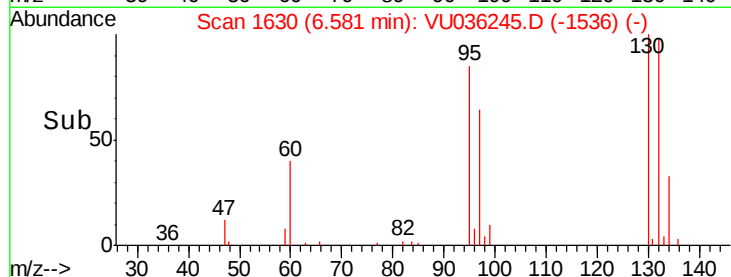


Abundance Ion 95.00 (94.70 to 95.70): VU036245.D (-1630) (-)

Ion 96.95 (96.65 to 97.65): VU036245.D (-1630) (-)

Ion 131.95 (131.65 to 132.65): VU036245.D (-1630) (-)

Ion 129.95 (129.65 to 130.65): VU036245.D (-1630) (-)



#35

Methylcyclohexane

Concen: 0.785 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036245.D

Acq: 16 Dec 2019 19:45

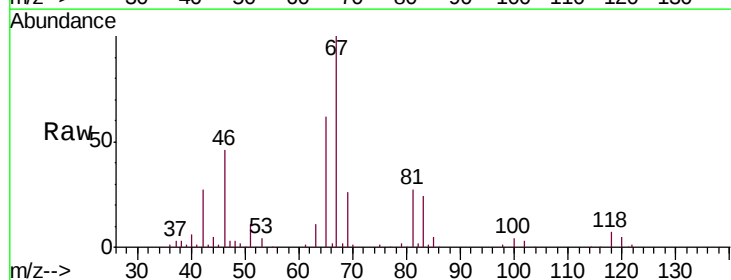
Tgt Ion: 83 Resp: 22151

Ion Ratio Lower Upper

83 100

55 0.6 62.6 94.0#

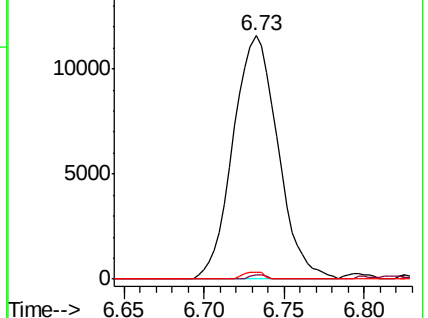
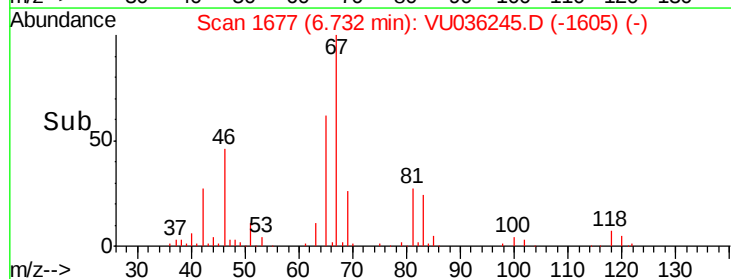
98 1.2 36.2 54.2#

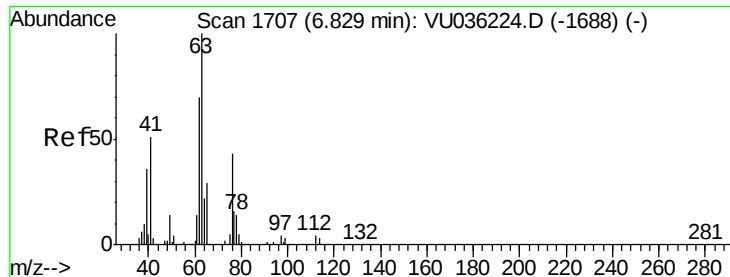


Abundance Ion 83.15 (82.85 to 83.85): VU036245.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU036245.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU036245.D (-1677) (-)





#37

1,2-Dichloropropane

Concen: 0.519 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036245.D

Acq: 16 Dec 2019 19:45

Instrument :

MSVOA_U

ClientSampleId :

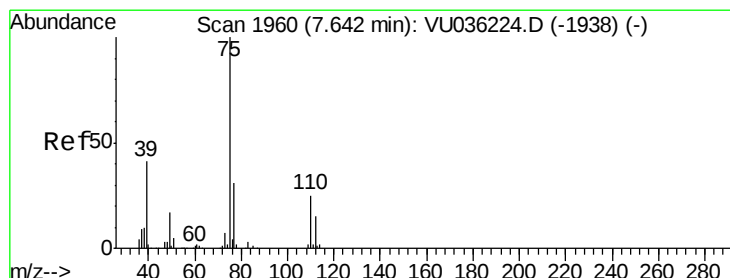
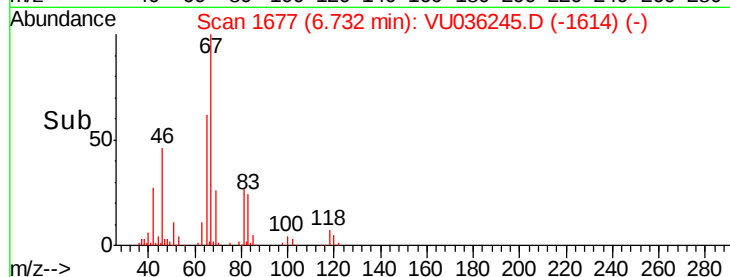
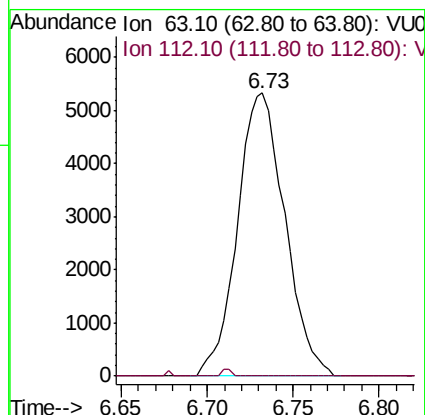
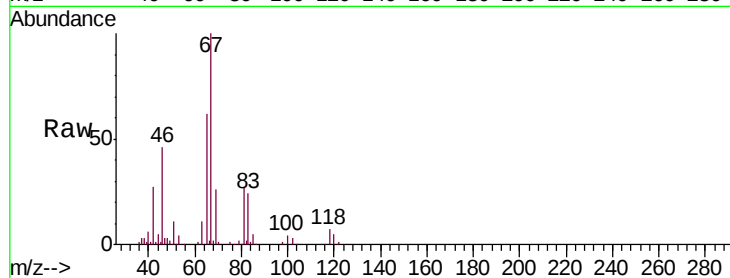
BFDS7

Tgt Ion: 63 Resp: 10197

Ion Ratio Lower Upper

63 100

112 0.5 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036245.D

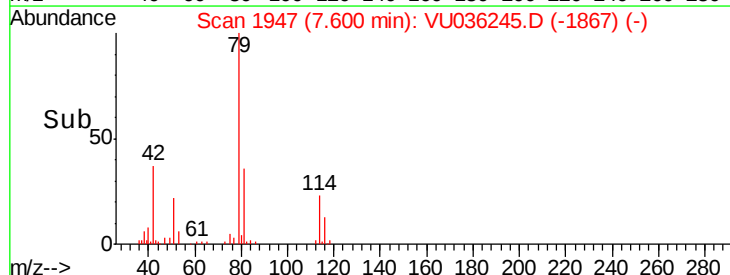
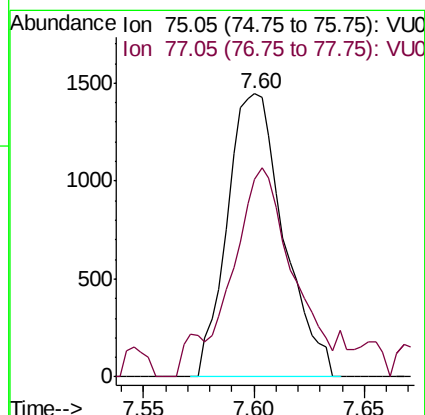
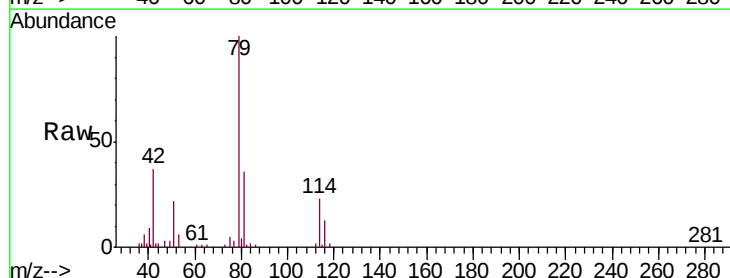
Acq: 16 Dec 2019 19:45

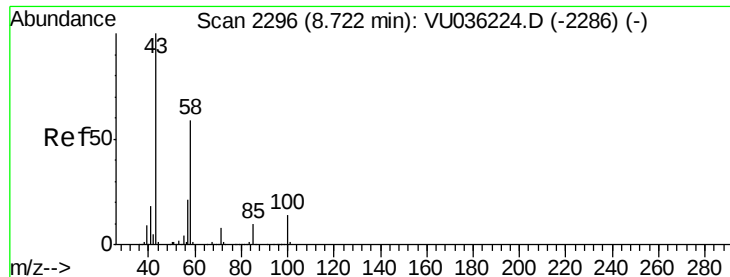
Tgt Ion: 75 Resp: 2573

Ion Ratio Lower Upper

75 100

77 69.7 22.7 42.1#

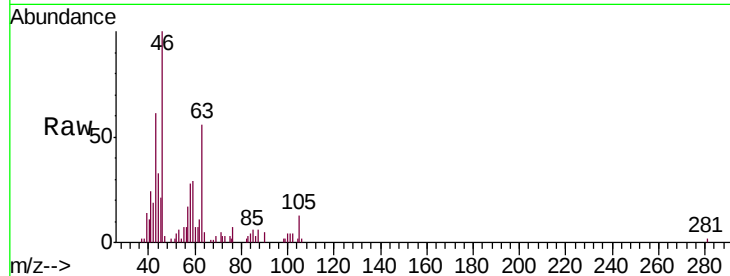




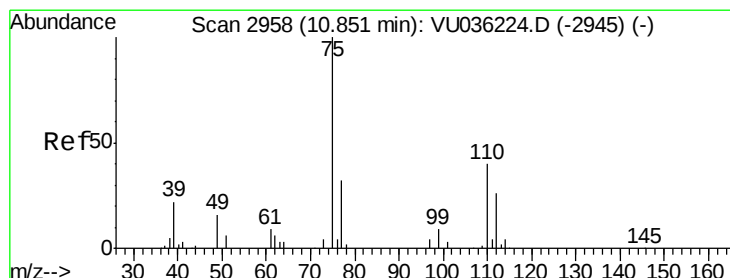
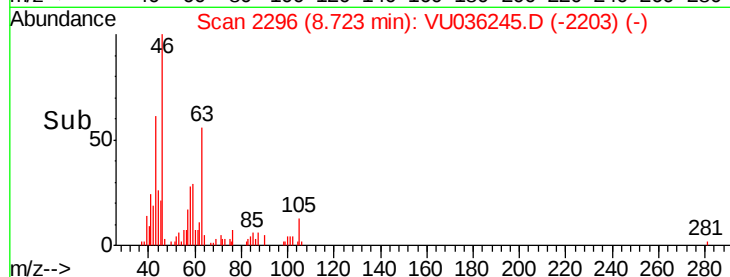
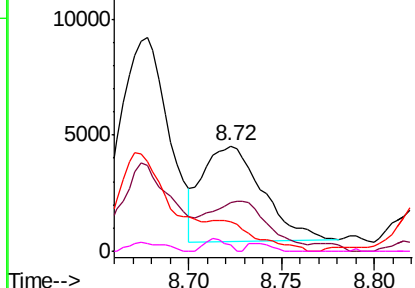
#48
 2-Hexanone
 Concen: 1.198 ug/L
 RT: 8.72 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: VU036245.D
 Acq: 16 Dec 2019 19:45

Instrument :
 MSVOA_U
 ClientSampled :
 BFDS7

Tgt Ion: 43 Resp: 9190
 Ion Ratio Lower Upper
 43 100
 58 53.3 46.2 69.2
 57 0.0 16.2 24.4#
 100 3.3 10.2 15.4#

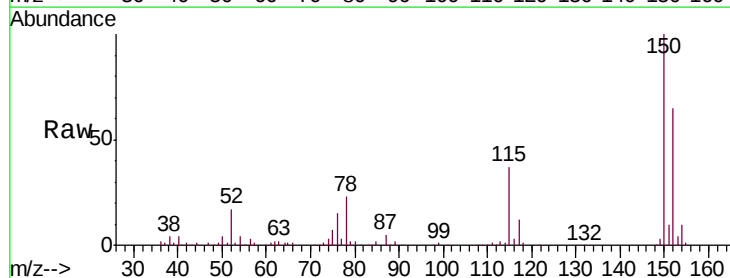


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 0.840 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036245.D
 Acq: 16 Dec 2019 19:45

Tgt Ion: 75 Resp: 10966
 Ion Ratio Lower Upper
 75 100
 77 38.8 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

