

Data File : VU035873.D
Acq On : 26 Nov 2019 21:45
Operator : JC/SP
Sample : K6057-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA5

Quant Time: Nov 27 03:21:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	210553	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	249234	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	71150	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	144810	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.94	69	131443	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.60	63	176179	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.69	46	277637	43.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.24%
24) Chloroform-d	5.11	84	220171	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.75	65	126914	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.77	84	448611	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.74	67	156787	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.93	98	353146	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.22	79	48635	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.69	63	230058	45.91	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	121722	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	84085	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

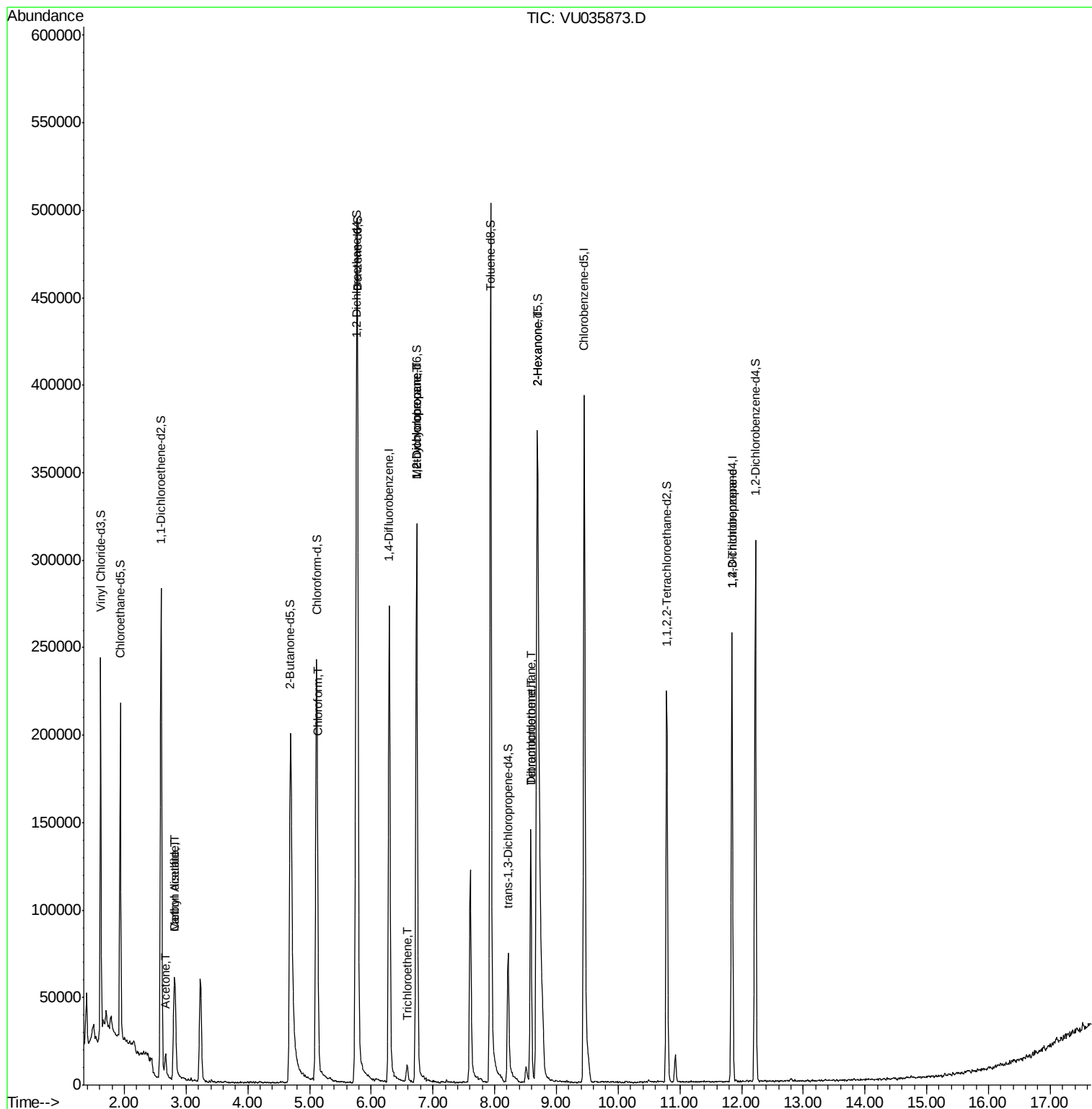
					Qvalue
13) Acetone	2.67	43	15266	2.731	ug/L 92
14) Carbon disulfide	2.83	76	50495	0.694	ug/L 97
15) Methyl Acetate	2.81	43	13515	1.206	ug/L # 53
25) Chloroform	5.14	83	18647	0.395	ug/L 96
34) Trichloroethene	6.58	95	2917	0.114	ug/L 83
35) Methylcyclohexane	6.74	83	34389	0.919	ug/L # 13
37) 1,2-Dichloropropane	6.74	63	17777	0.602	ug/L # 90
47) Tetrachloroethene	8.58	164	32414	1.670	ug/L 97
48) 2-Hexanone	8.69	43	40825	3.061	ug/L # 68
49) Dibromochloromethane	8.58	129	30744	1.355	ug/L # 12
59) 1,2,3-Trichloropropane	11.84	75	9288	0.484	ug/L 90

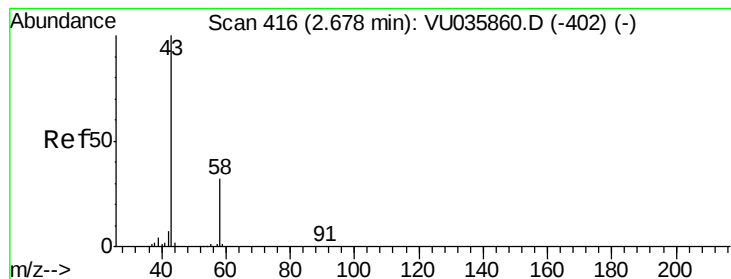
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.731 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035873.D

Acq: 26 Nov 2019 21:45

Instrument :

MSVOA_U

ClientSampleId :

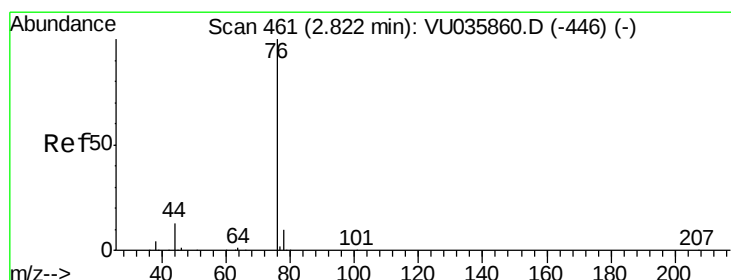
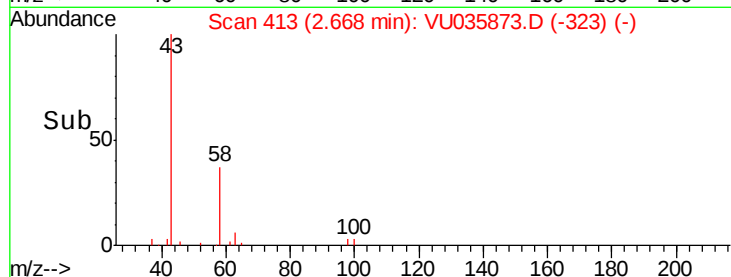
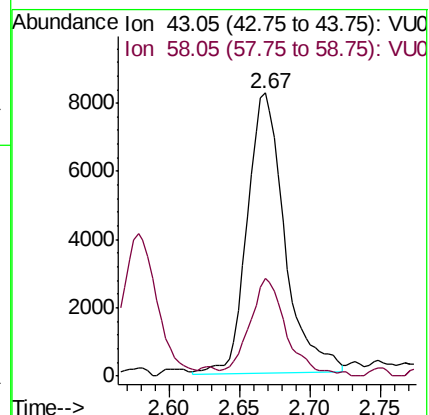
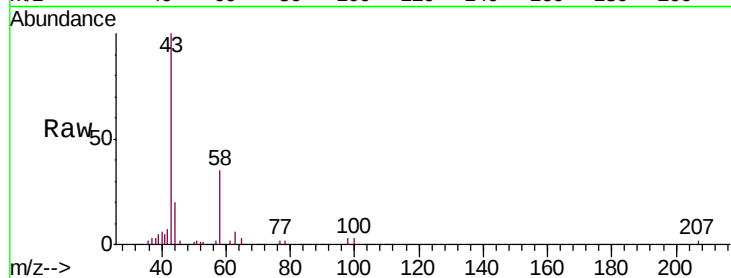
C0AA5

Tgt Ion: 43 Resp: 15266

Ion Ratio Lower Upper

43 100

58 34.7 0.0 61.2



#14

Carbon disulfide

Concen: 0.694 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035873.D

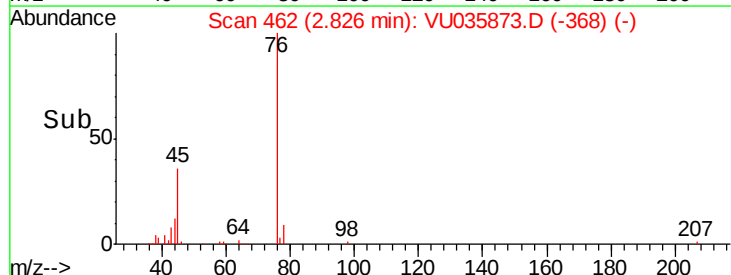
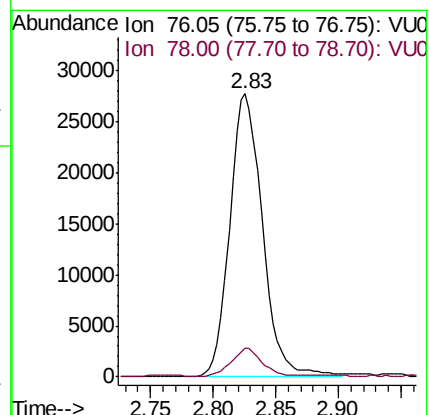
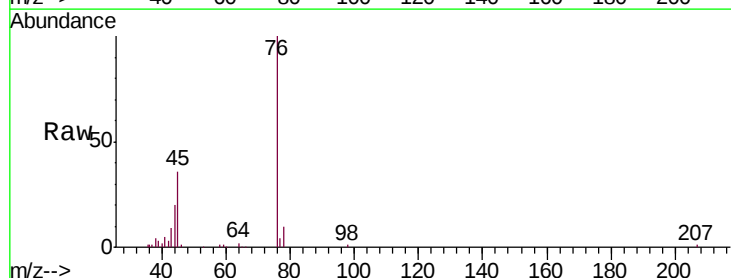
Acq: 26 Nov 2019 21:45

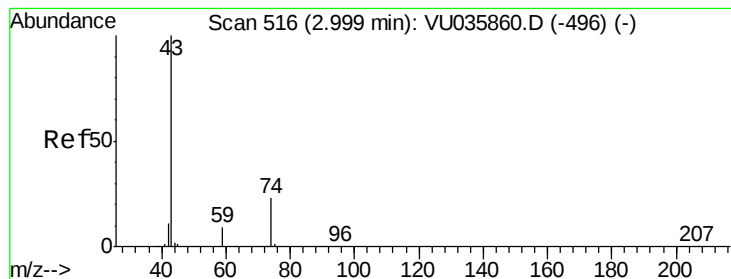
Tgt Ion: 76 Resp: 50495

Ion Ratio Lower Upper

76 100

78 10.1 7.3 10.9





#15

Methyl Acetate

Concen: 1.206 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.19 min

Lab File: VU035873.D

Acq: 26 Nov 2019 21:45

Instrument :

MSVOA_U

ClientSampleId :

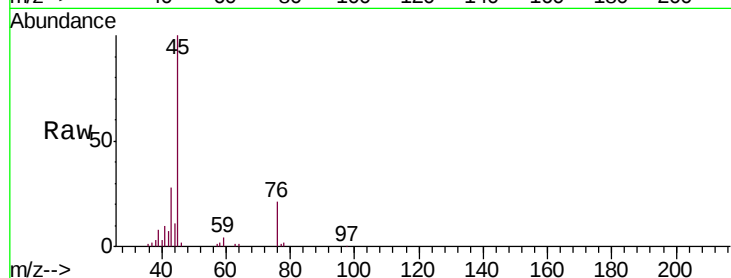
C0AA5

Tgt Ion: 43 Resp: 13515

Ion Ratio Lower Upper

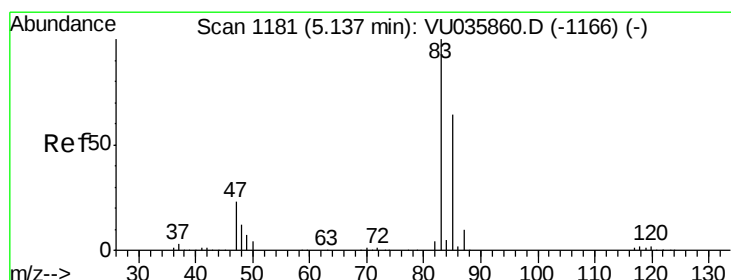
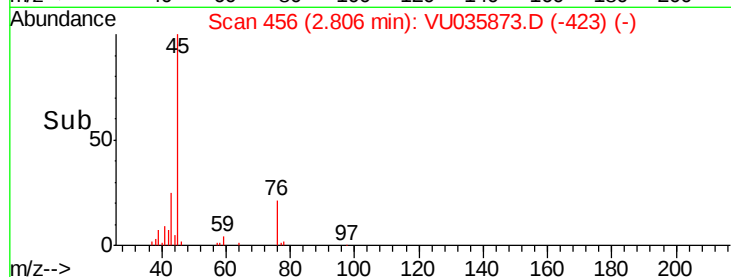
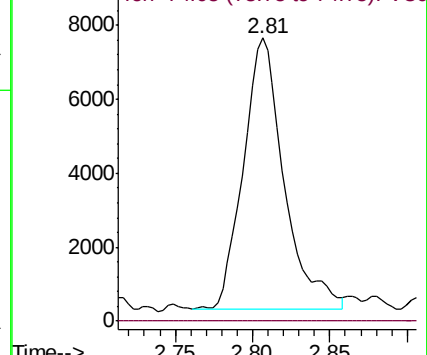
43 100

74 0.0 18.2 27.4#



Abundance Ion 43.05 (42.75 to 43.75): VU035860.D (-496) (-)

Ion 74.05 (73.75 to 74.75): VU035860.D (-496) (-)



#25

Chloroform

Concen: 0.395 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU035873.D

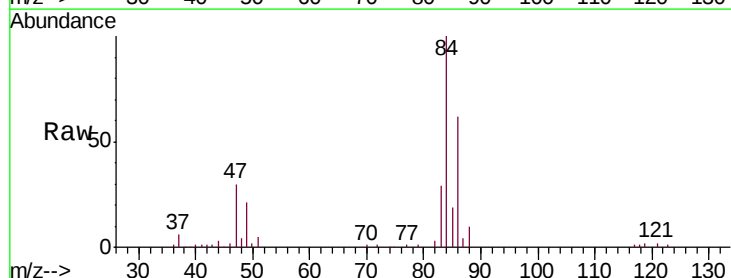
Acq: 26 Nov 2019 21:45

Tgt Ion: 83 Resp: 18647

Ion Ratio Lower Upper

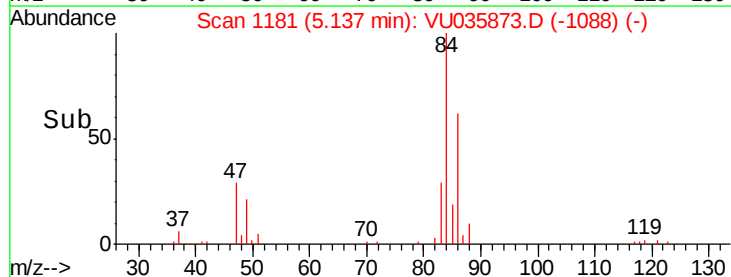
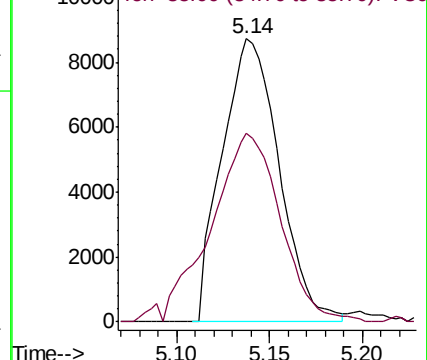
83 100

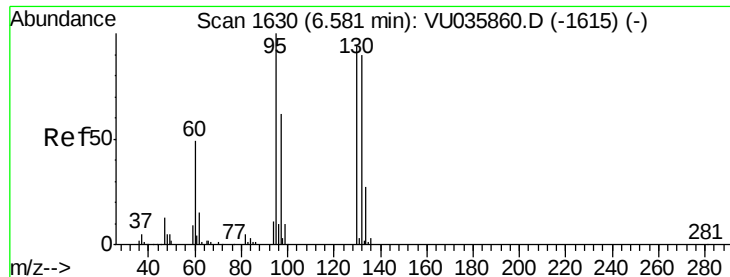
85 66.6 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035860.D (-1166) (-)

Ion 85.00 (84.70 to 85.70): VU035860.D (-1166) (-)





#34

Trichloroethene

Concen: 0.114 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035873.D

Acq: 26 Nov 2019 21:45

Instrument :

MSVOA_U

ClientSampleId :

C0AA5

Tgt Ion: 95 Resp: 2917

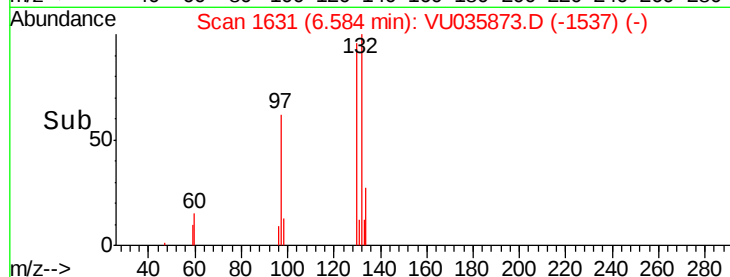
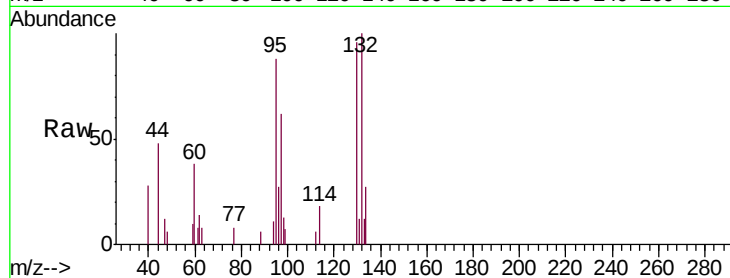
Ion Ratio Lower Upper

95 100

97 70.2 45.1 83.9

132 113.7 61.9 114.9

130 109.7 66.3 123.1

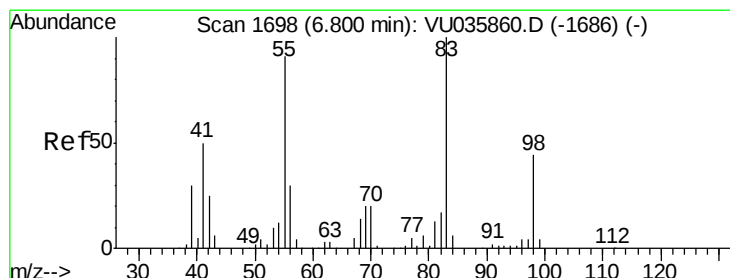
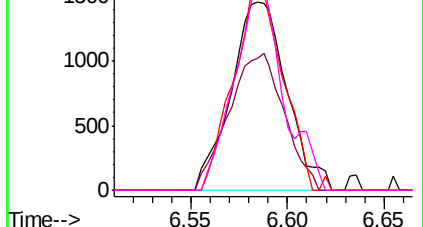


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.919 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035873.D

Acq: 26 Nov 2019 21:45

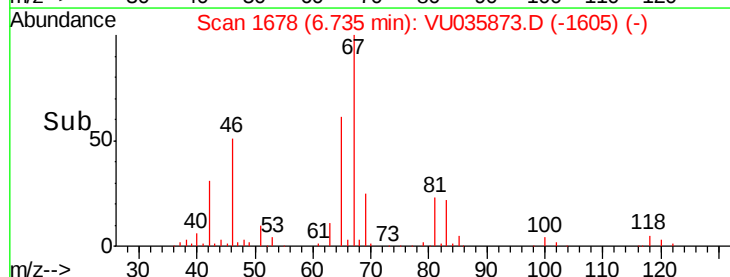
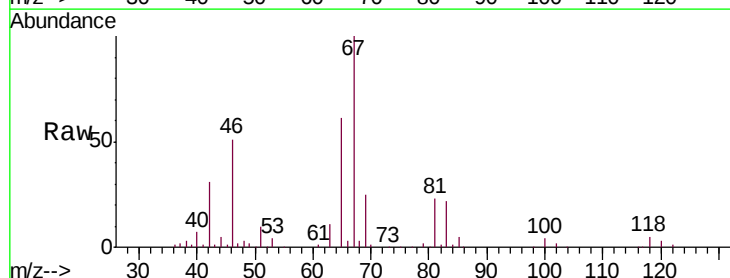
Tgt Ion: 83 Resp: 34389

Ion Ratio Lower Upper

83 100

55 0.1 72.7 109.1#

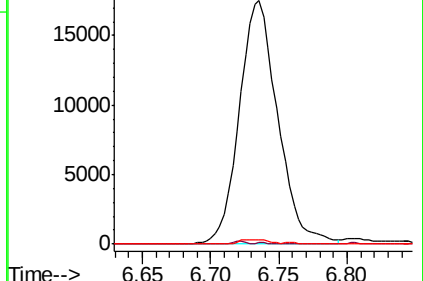
98 0.2 36.2 54.4#

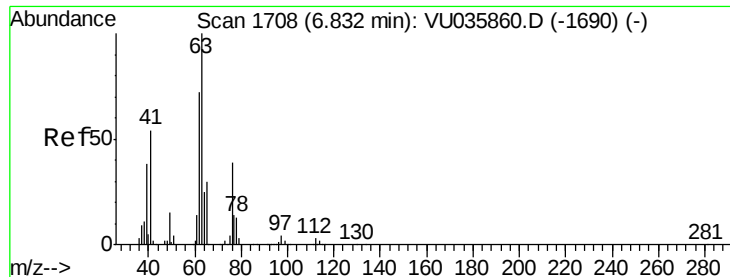


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

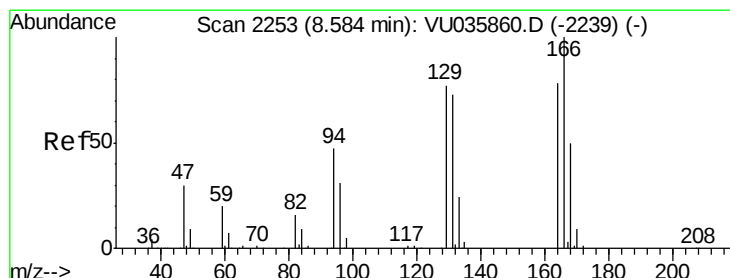
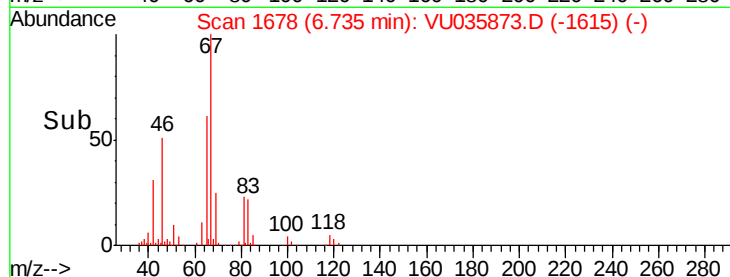
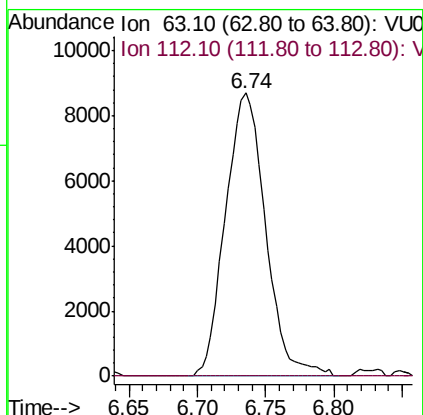
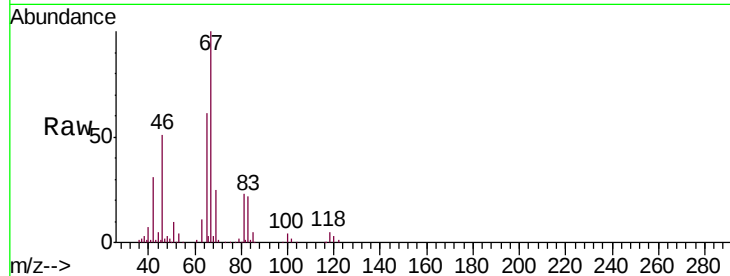




#37
 1,2-Dichloropropane
 Concen: 0.602 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035873.D
 Acq: 26 Nov 2019 21:45

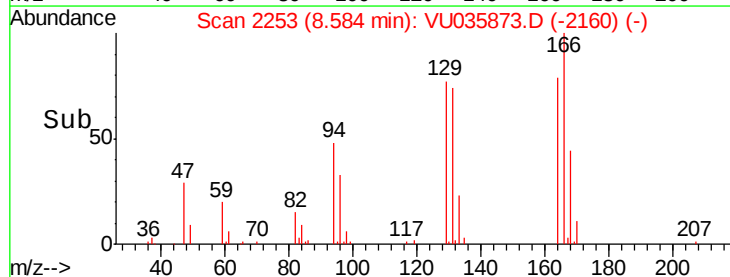
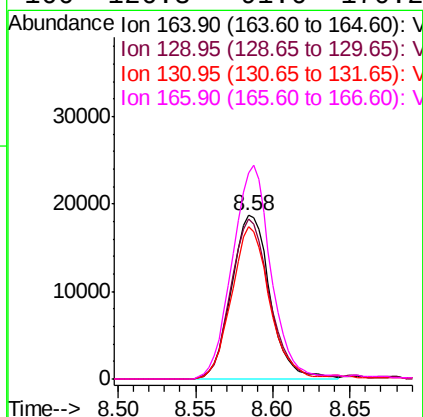
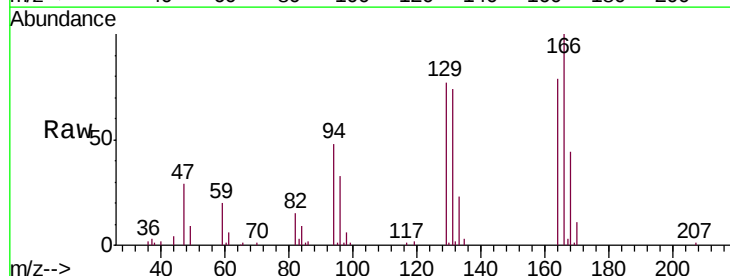
Instrument :
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 ClientSampleId :
 C0AA5

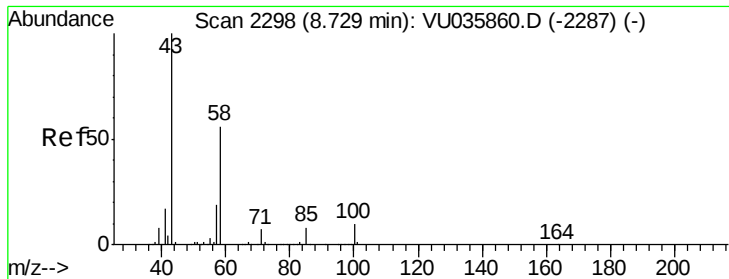
Tgt Ion: 63 Resp: 17777
 Ion Ratio Lower Upper
 63 100
 112 0.1 2.7 4.1#



#47
 Tetrachloroethene
 Concen: 1.670 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU035873.D
 Acq: 26 Nov 2019 21:45

Tgt Ion: 164 Resp: 32414
 Ion Ratio Lower Upper
 164 100
 129 97.6 68.8 127.8
 131 93.4 67.3 124.9
 166 126.3 91.6 170.2

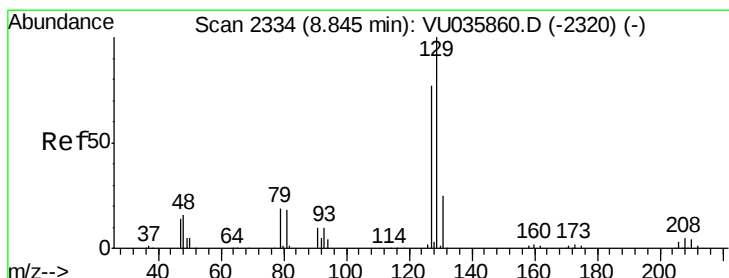
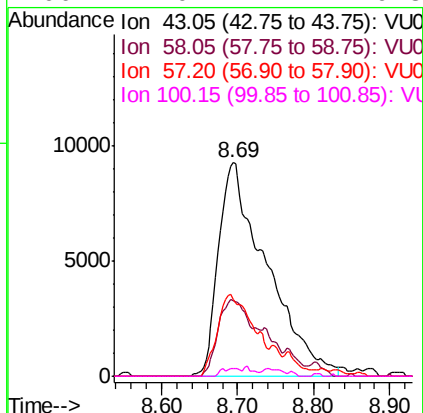
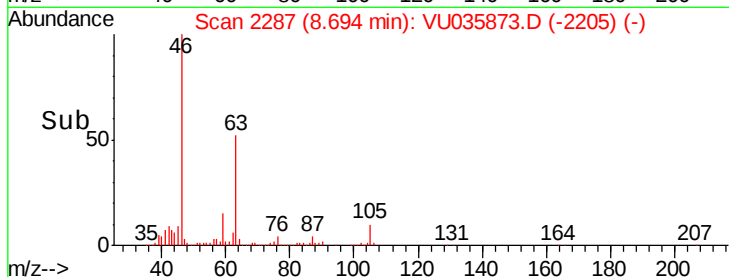
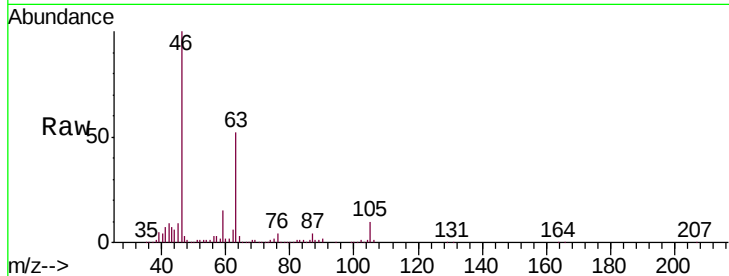




#48
2-Hexanone
Concen: 3.061 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. -0.04 min
Lab File: VU035873.D
Acq: 26 Nov 2019 21:45

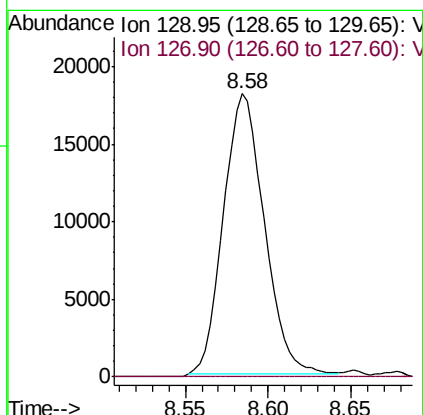
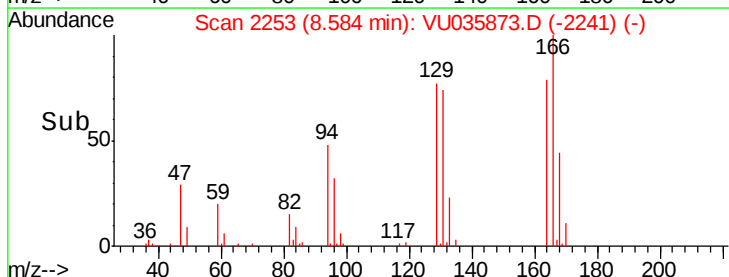
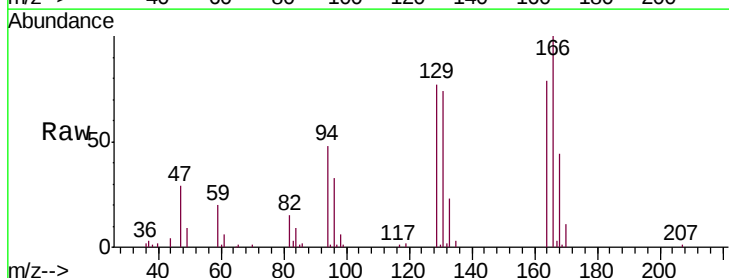
Instrument :
MSVOA_U
ClientSampleId :
C0AA5

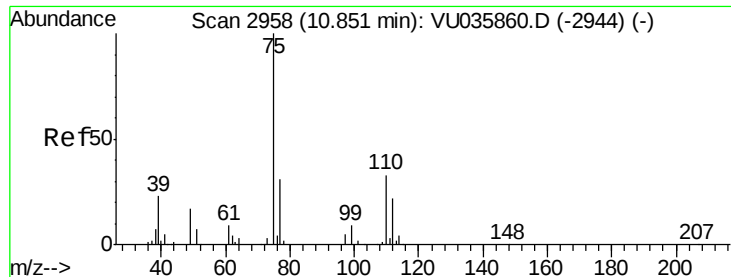
Tgt Ion: 43 Resp: 40825
Ion Ratio Lower Upper
43 100
58 24.8 39.8 59.8#
57 28.7 14.0 21.0#
100 1.0 7.2 10.8#



#49
Dibromochloromethane
Concen: 1.355 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035873.D
Acq: 26 Nov 2019 21:45

Tgt Ion: 129 Resp: 30744
Ion Ratio Lower Upper
129 100
127 0.0 53.1 98.5#





#59

1,2,3-Trichloropropane

Concen: 0.484 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035873.D

Acq: 26 Nov 2019 21:45

Instrument :

MSVOA_U

ClientSampleId :

C0AA5

Tgt Ion: 75 Resp: 9288

Ion Ratio Lower Upper

75 100

77 37.2 25.4 38.2

