

Data File : VU035462.D
Acq On : 24 Oct 2019 16:08
Operator : JC/SP
Sample : K5488-10DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G52DL

Quant Time: Oct 25 07:08:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	213548	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	222090	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	65639	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	46521	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.93	69	53635	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.59	63	68392	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.70	46	225292	60.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.42%
24) Chloroform-d	5.11	84	114429	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.75	65	69969	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.77	84	204294	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.73	67	78270	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.93	98	157471	3.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.80%#
43) trans-1,3-Dichloropropene-	8.21	79	25431	3.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.00%
46) 2-Hexanone-d5	8.68	63	143667	41.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.26%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	73537	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	49224	4.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.40%

Target Compounds

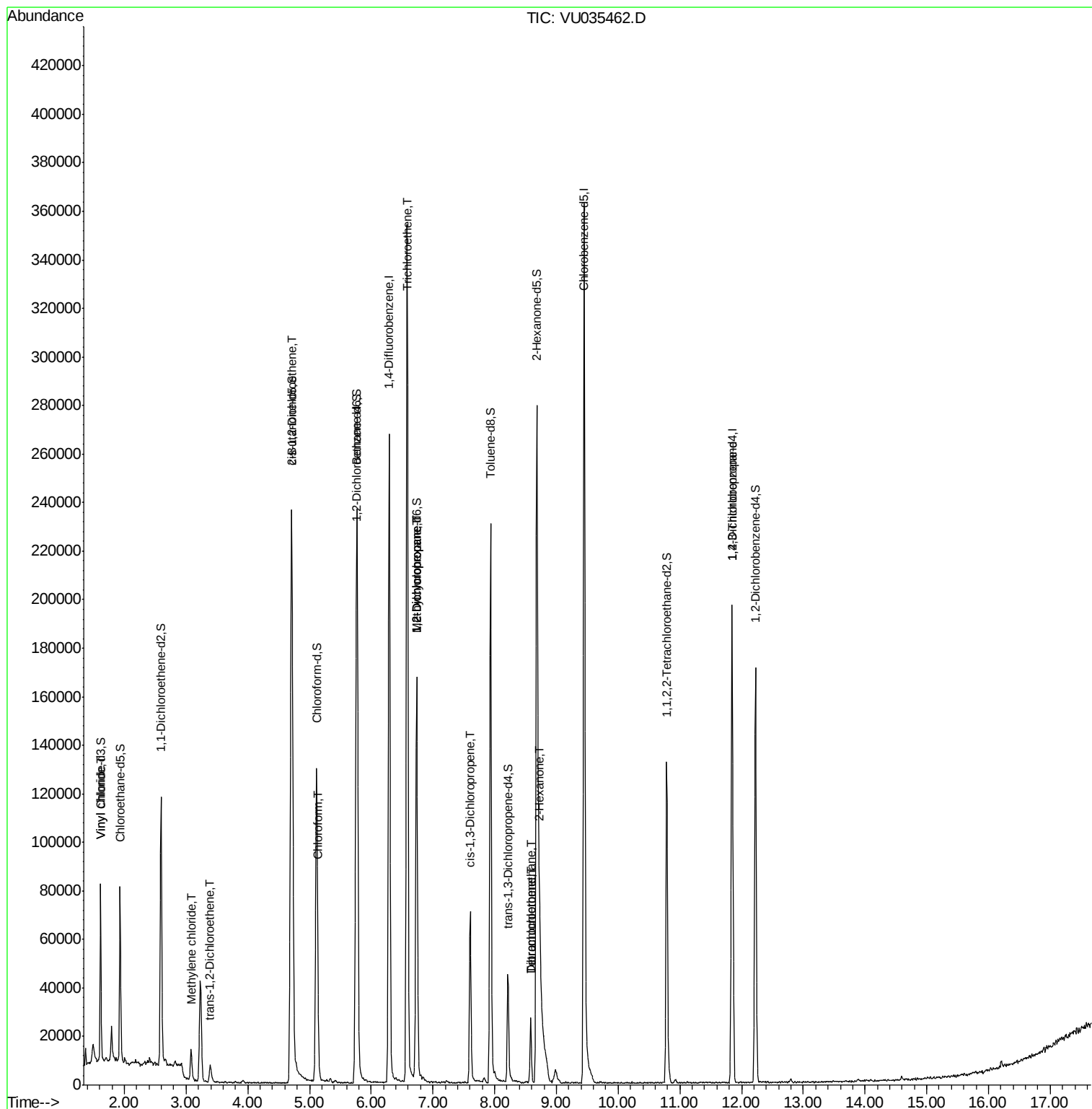
					Qvalue	
5) Vinyl chloride	1.62	62	2508	0.135	ug/L #	1
16) Methylene chloride	3.08	84	5752	0.349	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	3174	0.214	ug/L	89
22) cis-1,2-Dichloroethene	4.72	96	59453	3.633	ug/L	92
25) Chloroform	5.14	83	10423	0.355	ug/L	99
34) Trichloroethene	6.58	95	121595	6.921	ug/L	96
35) Methylcyclohexane	6.74	83	17927	0.611	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	8881	0.535	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	1953	0.070	ug/L #	57
47) Tetrachloroethene	8.58	164	5525	0.377	ug/L	98
48) 2-Hexanone	8.73	43	14113	1.797	ug/L #	86
49) Dibromochloromethane	8.58	129	5439	0.348	ug/L #	11
59) 1,2,3-Trichloropropane	11.85	75	8355	0.723	ug/L	100

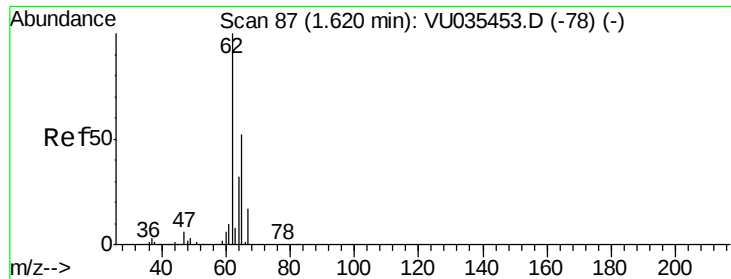
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.135 ug/L

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU035462.D

Acq: 24 Oct 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

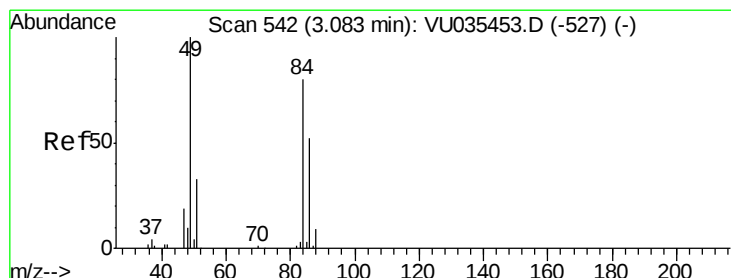
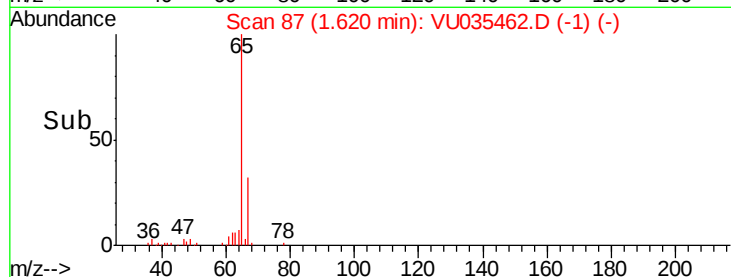
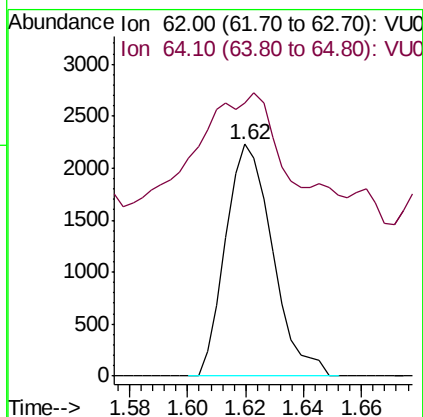
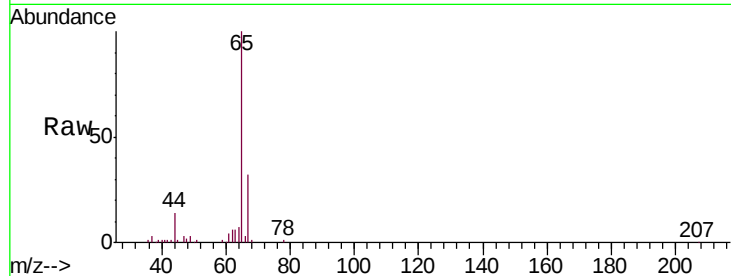
H0G52DL

Tgt Ion: 62 Resp: 2508

Ion Ratio Lower Upper

62 100

64 117.7 22.9 42.5#



#16

Methylene chloride

Concen: 0.349 ug/L

RT: 3.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU035462.D

Acq: 24 Oct 2019 16:08

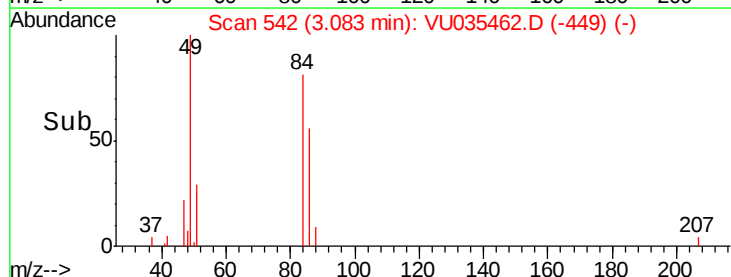
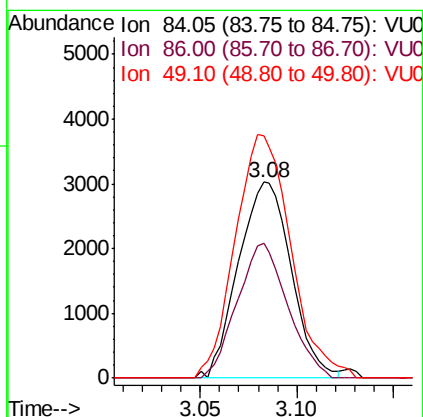
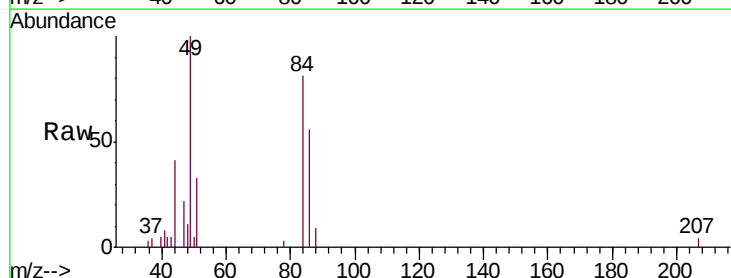
Tgt Ion: 84 Resp: 5752

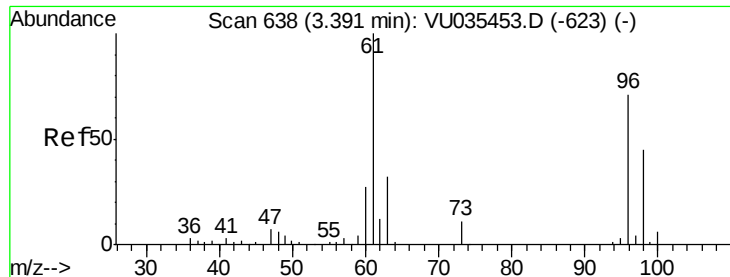
Ion Ratio Lower Upper

84 100

86 69.1 45.4 84.2

49 123.4 86.8 161.2

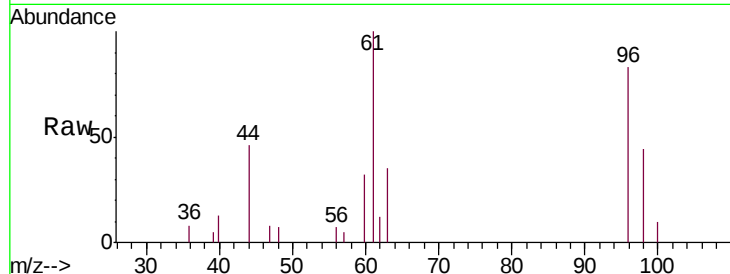




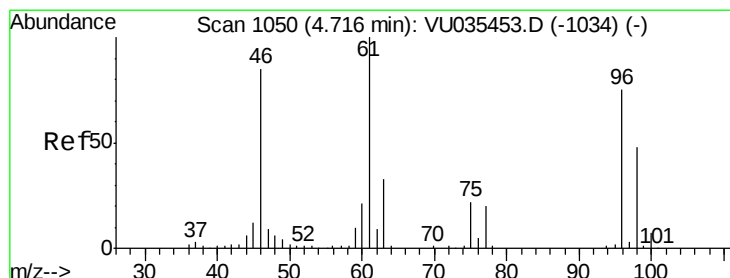
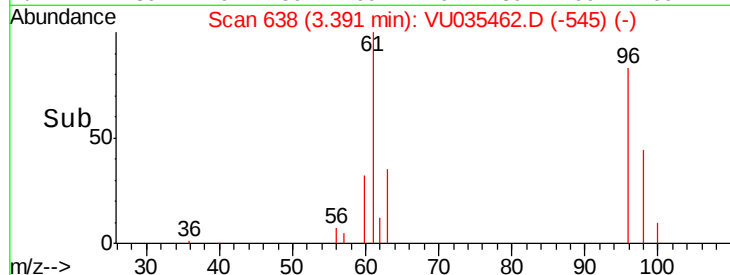
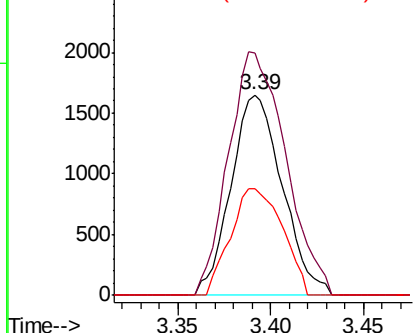
#18
trans-1,2-Dichloroethene
Concen: 0.214 ug/L
RT: 3.39 min Scan# 638
Delta R.T. -0.00 min
Lab File: VU035462.D
Acq: 24 Oct 2019 16:08

Instrument :
MSVOA_U
ClientSampled :
H0G52DL

Tgt Ion: 96 Resp: 3174
Ion Ratio Lower Upper
96 100
61 120.8 93.0 172.6
98 53.5 43.7 81.1

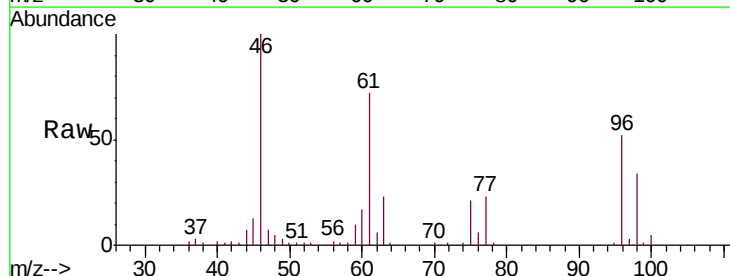


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

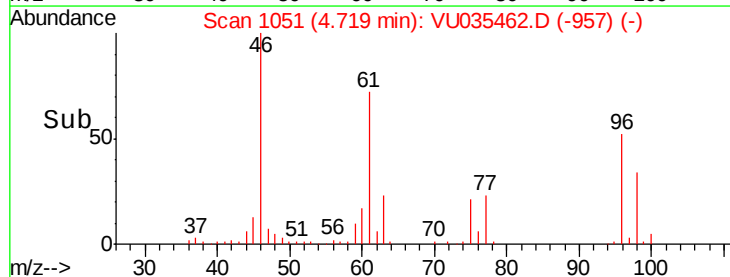
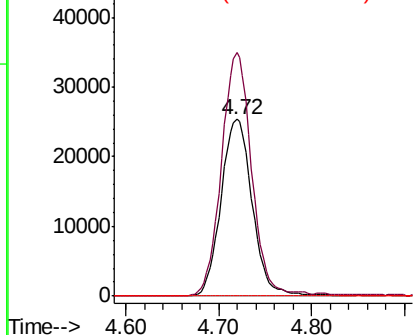


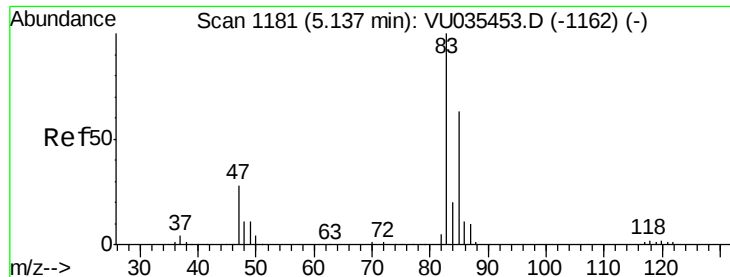
#22
cis-1,2-Dichloroethene
Concen: 3.633 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035462.D
Acq: 24 Oct 2019 16:08

Tgt Ion: 96 Resp: 59453
Ion Ratio Lower Upper
96 100
61 137.8 89.7 166.5
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#25

Chloroform

Concen: 0.355 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035462.D

Acq: 24 Oct 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

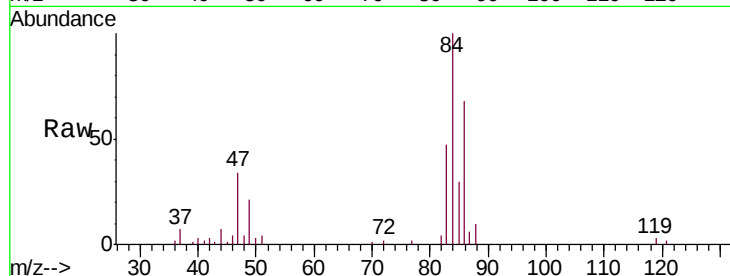
H0G52DL

Tgt Ion: 83 Resp: 10423

Ion Ratio Lower Upper

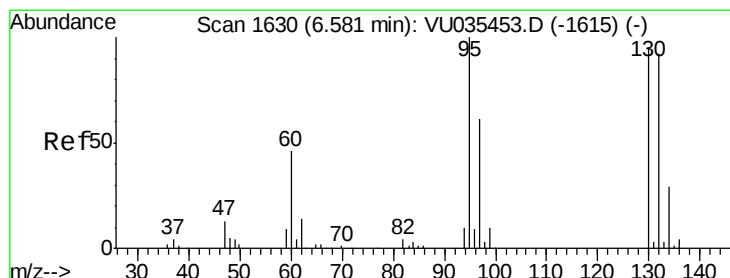
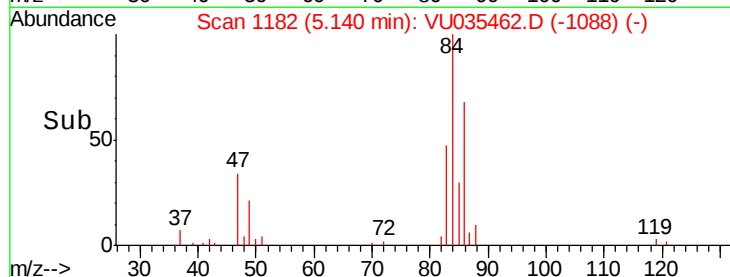
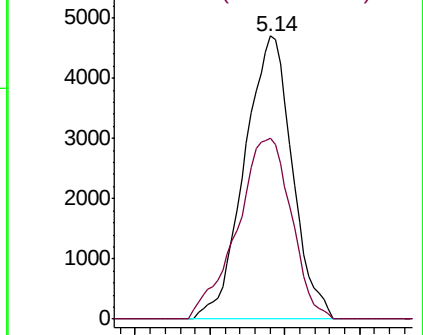
83 100

85 63.9 45.1 83.9



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#34

Trichloroethene

Concen: 6.921 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035462.D

Acq: 24 Oct 2019 16:08

Tgt Ion: 95 Resp: 121595

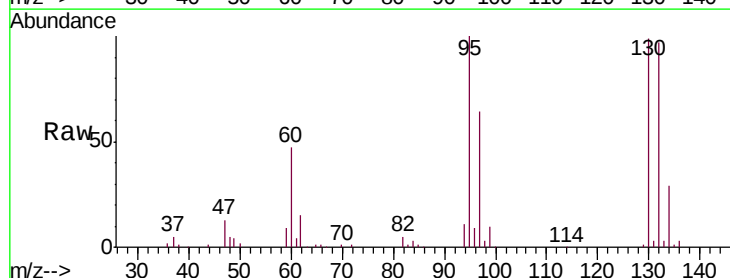
Ion Ratio Lower Upper

95 100

97 64.0 46.6 86.6

132 96.6 68.7 127.7

130 99.2 73.9 137.3

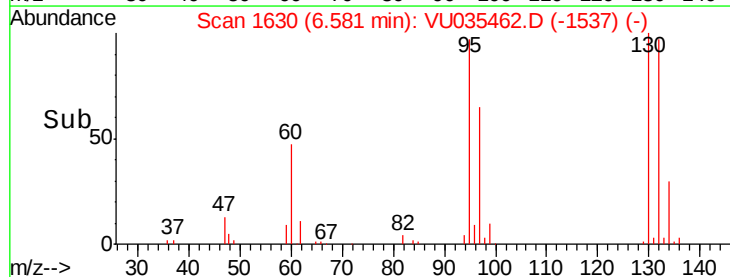
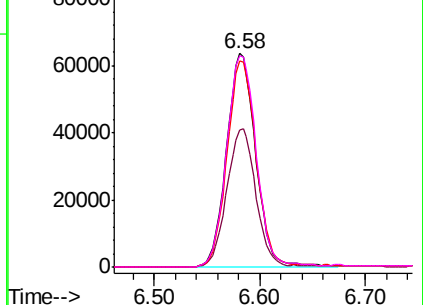


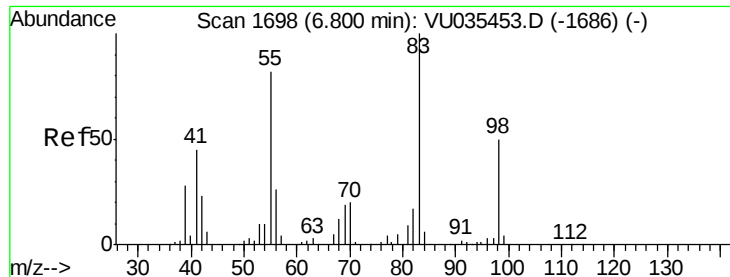
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

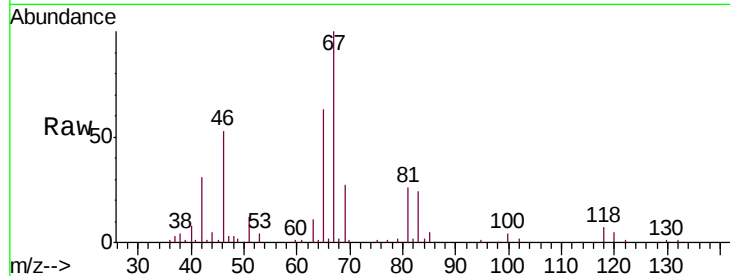




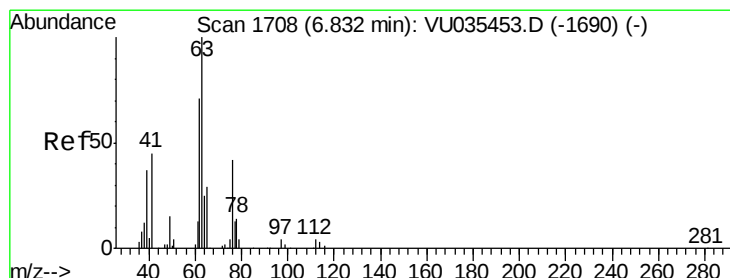
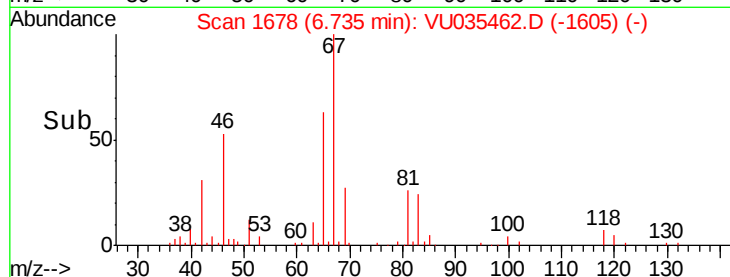
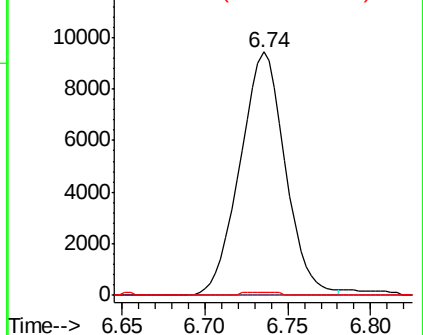
#35
Methylcyclohexane
Concen: 0.611 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035462.D
Acq: 24 Oct 2019 16:08

Instrument :
MSVOA_U
ClientSampleId :
H0G52DL

Tgt Ion: 83 Resp: 17927
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 0.6 39.5 59.3#

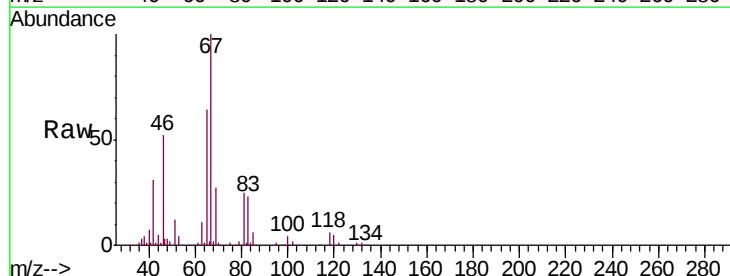


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

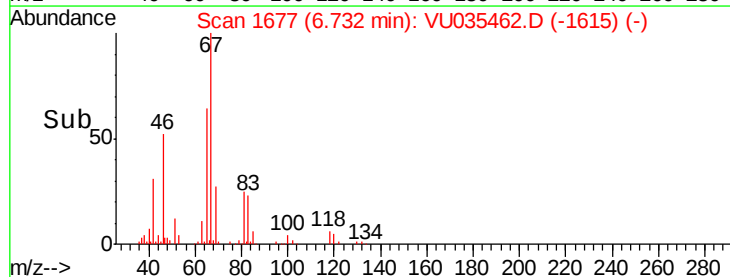
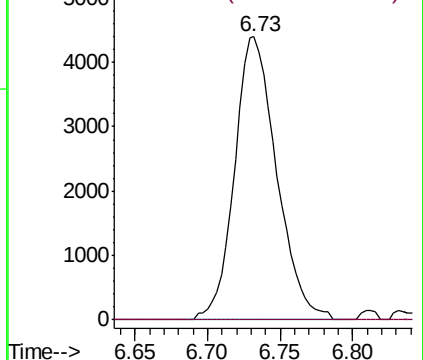


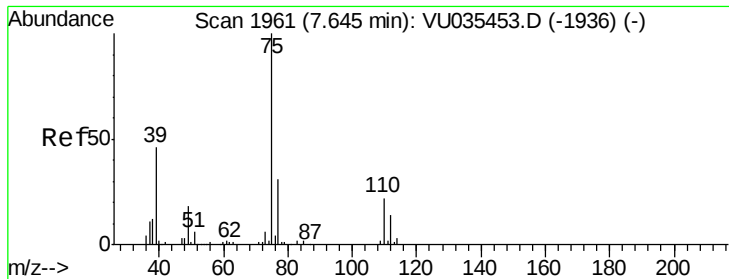
#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035462.D
Acq: 24 Oct 2019 16:08

Tgt Ion: 63 Resp: 8881
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

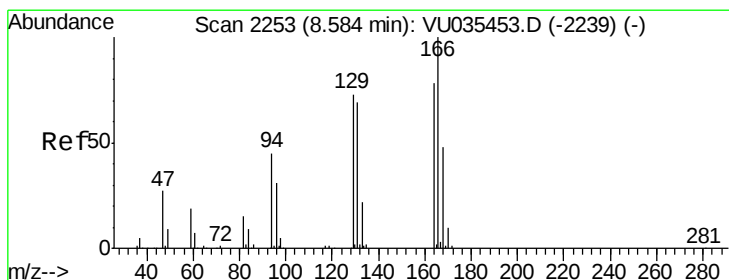
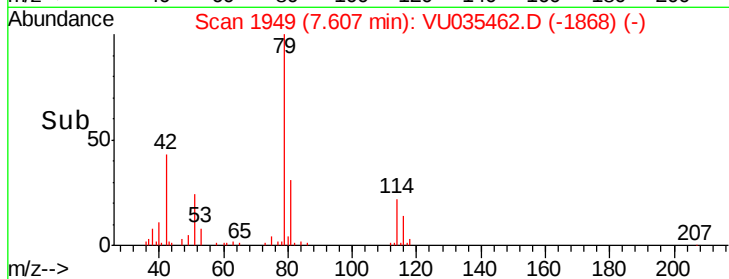
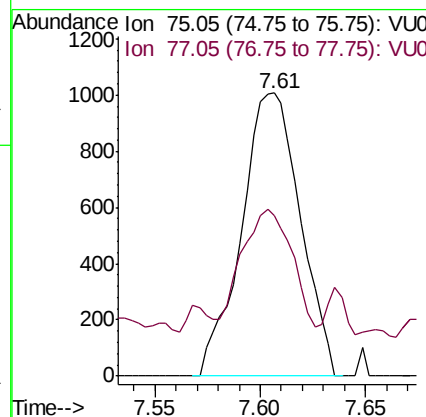
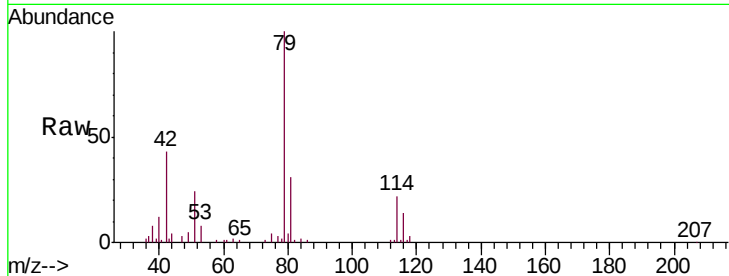




#39
 cis-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035462.D
 Acq: 24 Oct 2019 16:08

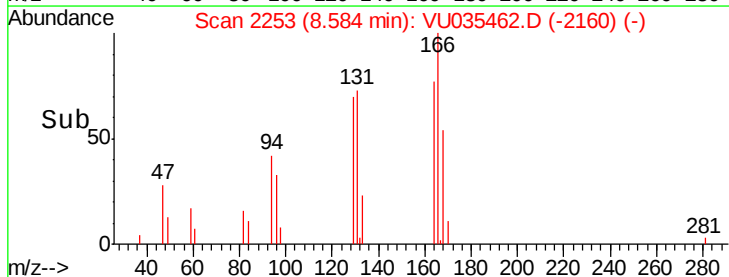
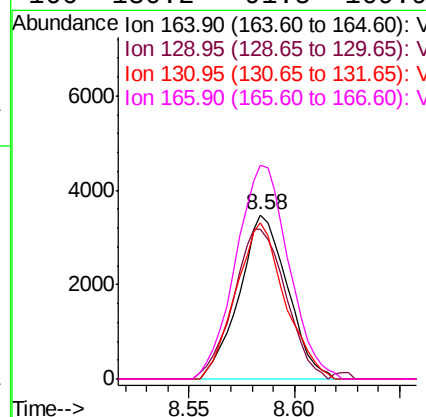
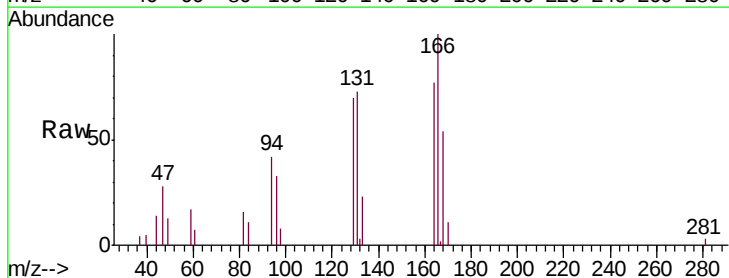
Instrument :
 MSVOA_U
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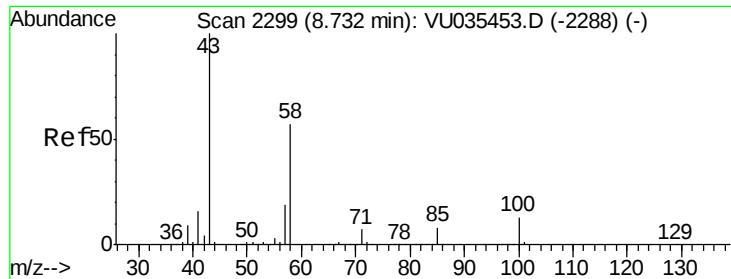
Tgt Ion: 75 Resp: 1953
 Ion Ratio Lower Upper
 75 100
 77 56.7 22.7 42.1#



#47
 Tetrachloroethene
 Concen: 0.377 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU035462.D
 Acq: 24 Oct 2019 16:08

Tgt Ion: 164 Resp: 5525
 Ion Ratio Lower Upper
 164 100
 129 91.3 65.2 121.0
 131 95.0 62.9 116.9
 166 130.2 91.5 169.9

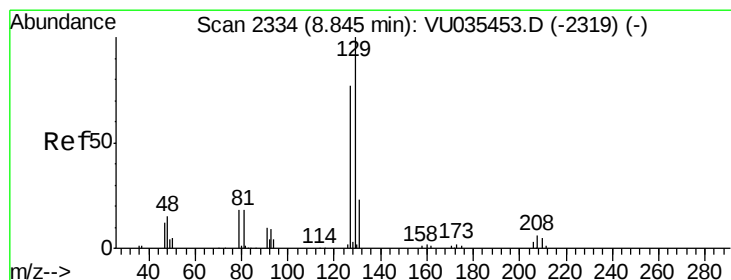
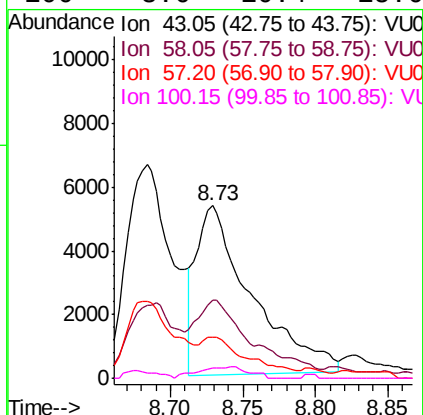
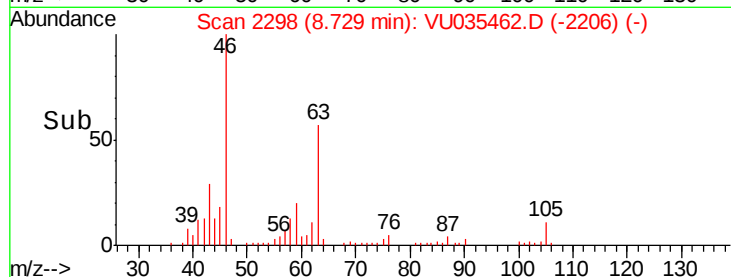
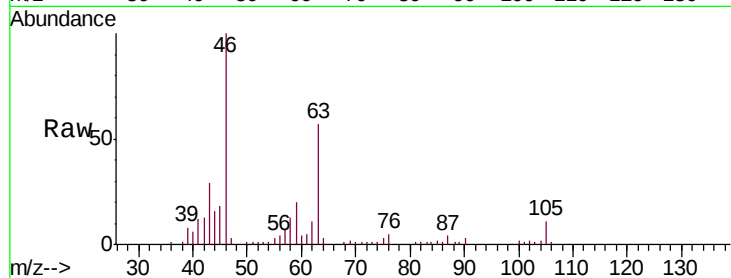




#48
2-Hexanone
Concen: 1.797 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VU035462.D
Acq: 24 Oct 2019 16:08

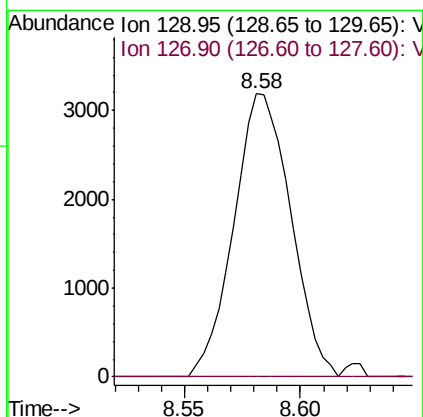
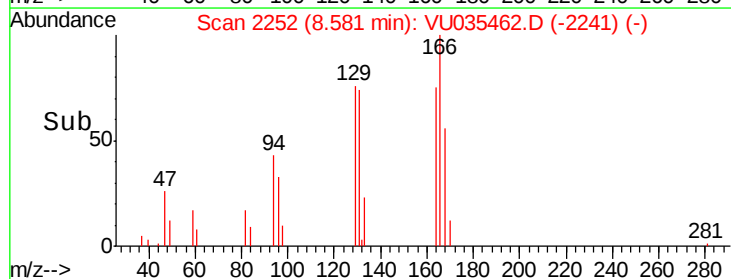
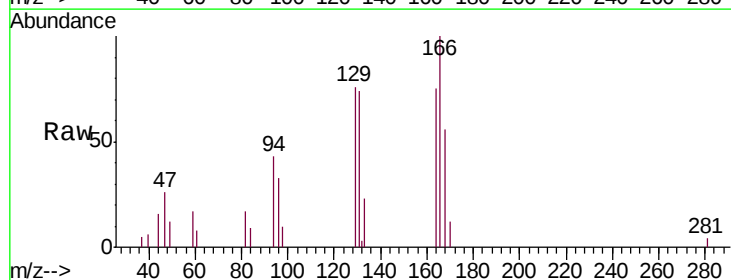
Instrument :
MSVOA_U
ClientSampleId :
H0G52DL

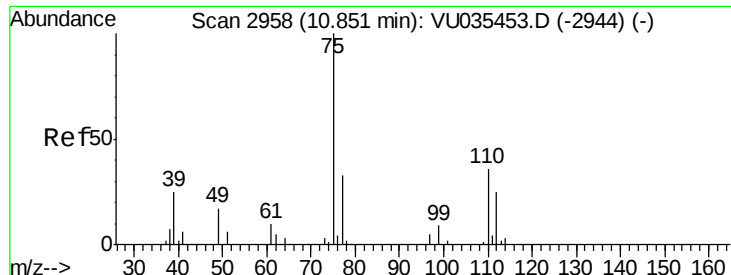
Tgt Ion: 43 Resp: 14113
Ion Ratio Lower Upper
43 100
58 45.2 45.1 67.7
57 17.4 16.0 24.0
100 3.6 10.4 15.6#



#49
Dibromochloromethane
Concen: 0.348 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.26 min
Lab File: VU035462.D
Acq: 24 Oct 2019 16:08

Tgt Ion: 129 Resp: 5439
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#





#59

1,2,3-Trichloropropane

Concen: 0.723 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. 1.00 min

Lab File: VU035462.D

Acq: 24 Oct 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

H0G52DL

Tgt Ion: 75 Resp: 8355

Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.2

