

Data File : VU035476.D
Acq On : 24 Oct 2019 22:15
Operator : JC/SP
Sample : K5509-08DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G48DL

Quant Time: Oct 25 07:10:23 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	207720	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	210235	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	58444	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	43096	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.93	69	48536	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.60	63	61980	2.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.00%#
20) 2-Butanone-d5	4.70	46	222784	61.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.42%
24) Chloroform-d	5.11	84	109376	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.75	65	65034	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.77	84	184457	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
36) 1,2-Dichloropropane-d6	6.74	67	73010	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.93	98	141226	3.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.40%#
43) trans-1,3-Dichloropropene-	8.21	79	23632	3.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.80%
46) 2-Hexanone-d5	8.68	63	134133	41.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.12%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	71272	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	44596	4.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.80%

Target Compounds

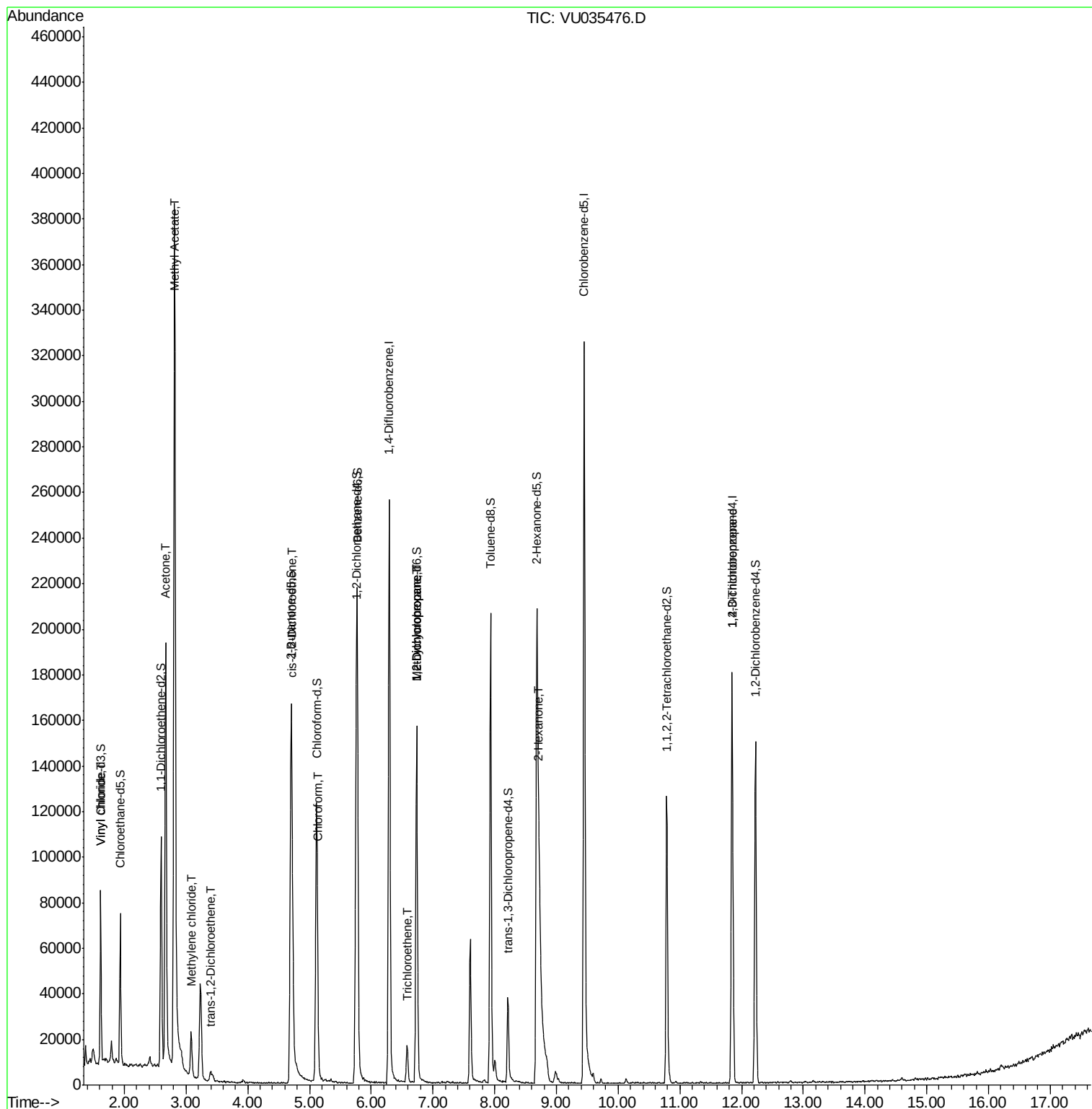
					Qvalue
5) Vinyl chloride	1.62	62	8795	0.488 ug/L #	58
13) Acetone	2.67	43	215474	85.106 ug/L	99
15) Methyl Acetate	2.82	43	103096	16.342 ug/L #	50
16) Methylene chloride	3.08	84	8648	0.539 ug/L	91
18) trans-1,2-Dichloroethene	3.39	96	1674	0.116 ug/L #	89
22) cis-1,2-Dichloroethene	4.72	96	15287	0.960 ug/L	90
25) Chloroform	5.14	83	8019	0.281 ug/L	98
34) Trichloroethene	6.58	95	5166	0.311 ug/L	94
35) Methylcyclohexane	6.74	83	16486	0.593 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	8112	0.517 ug/L #	88
48) 2-Hexanone	8.72	43	17103	2.301 ug/L #	67
59) 1,2,3-Trichloropropane	11.85	75	7172	0.656 ug/L	91

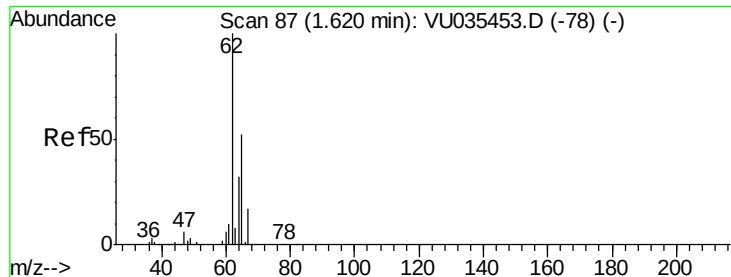
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.488 ug/L

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU035476.D

Acq: 24 Oct 2019 22:15

Instrument :

MSVOA_U

ClientSampleId :

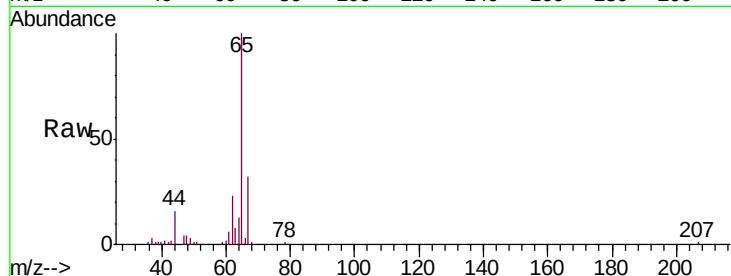
H0G48DL

Tgt Ion: 62 Resp: 8795

Ion Ratio Lower Upper

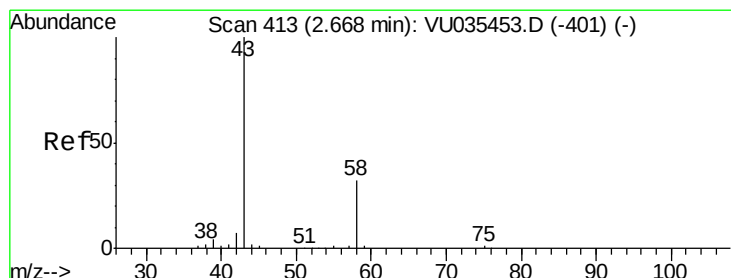
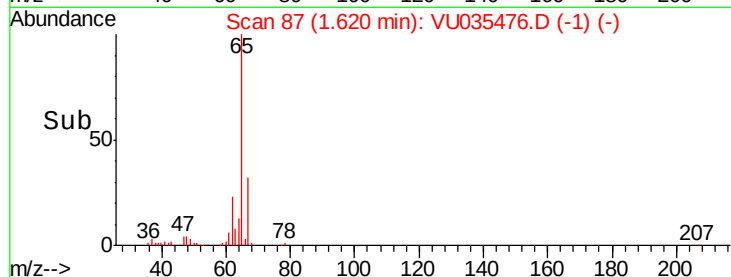
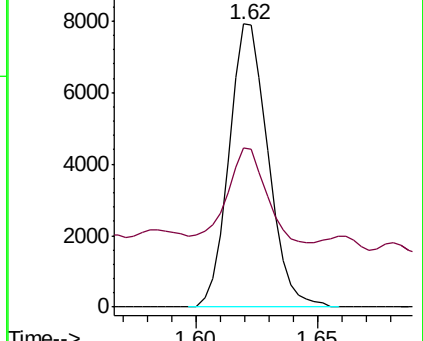
62 100

64 56.4 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 85.106 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035476.D

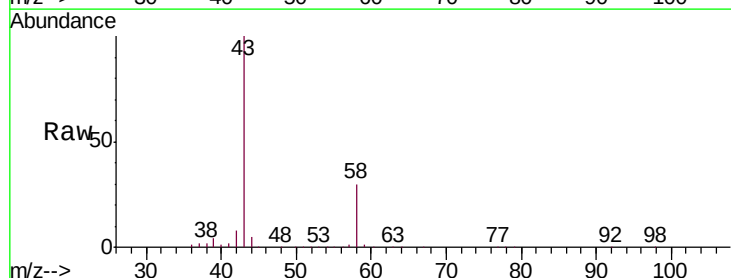
Acq: 24 Oct 2019 22:15

Tgt Ion: 43 Resp: 215474

Ion Ratio Lower Upper

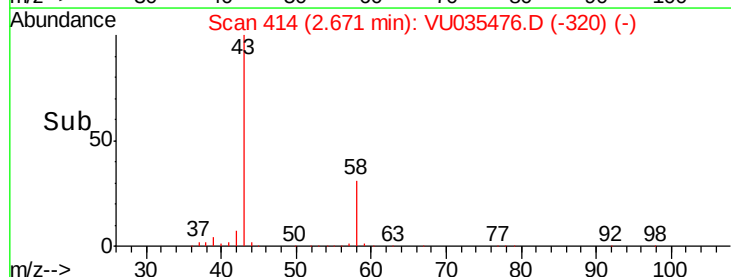
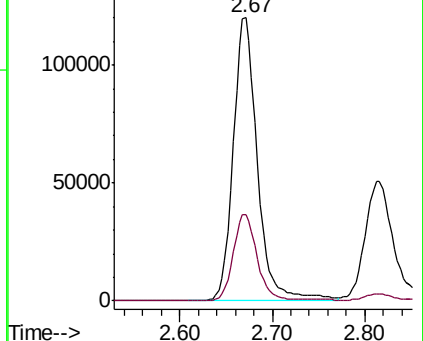
43 100

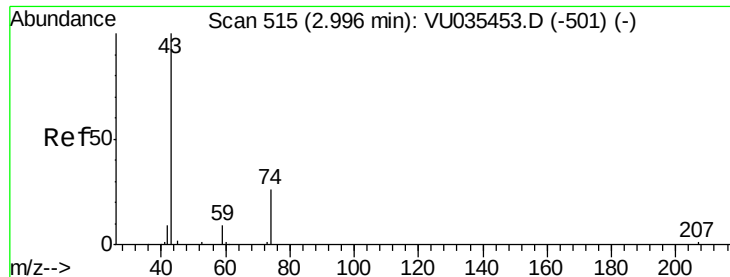
58 30.4 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

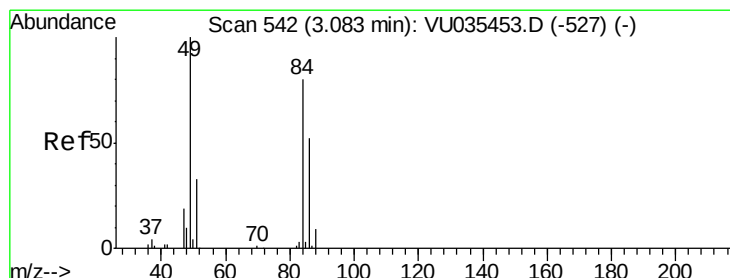
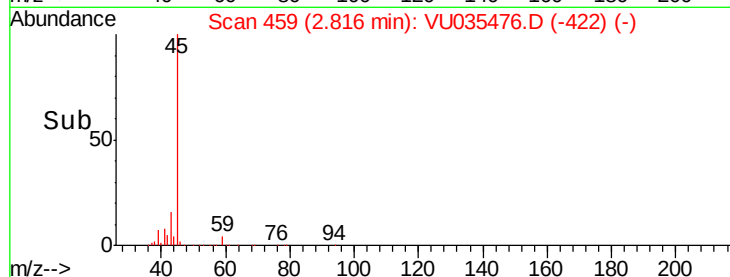
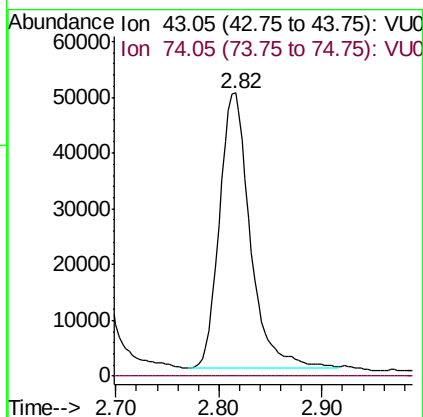
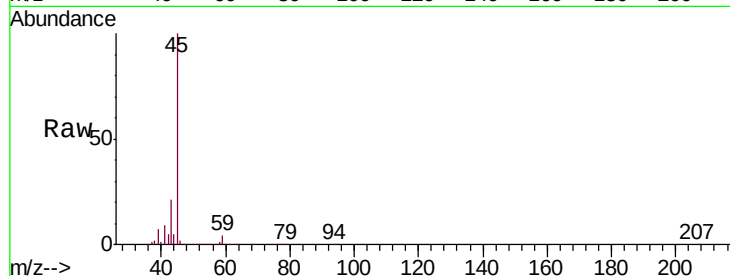




#15
Methyl Acetate
Concen: 16.342 ug/L
RT: 2.82 min Scan# 459
Delta R.T. -0.18 min
Lab File: VU035476.D
Acq: 24 Oct 2019 22:15

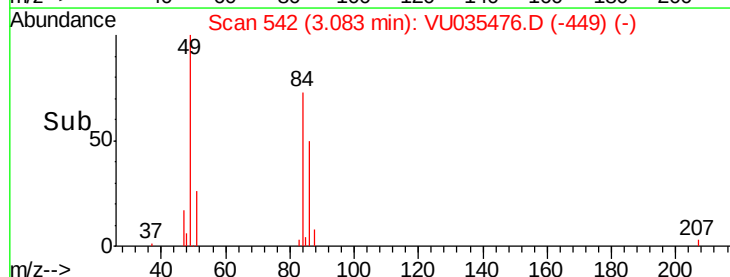
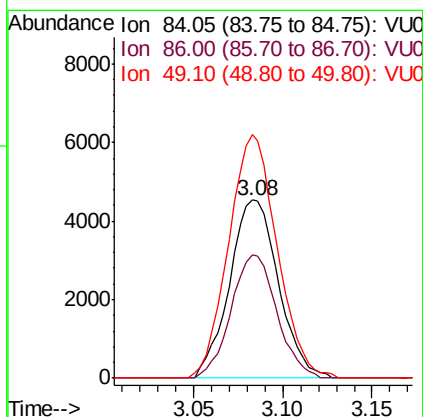
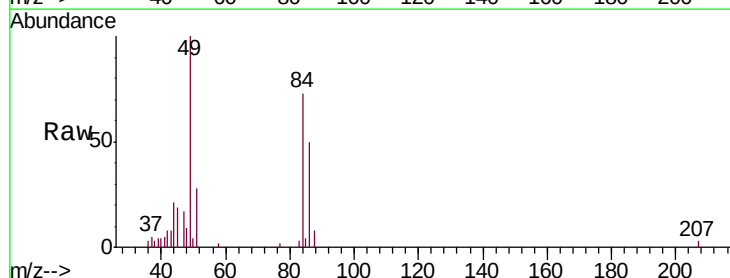
Instrument :
MSVOA_U
ClientSampleId :
H0G48DL

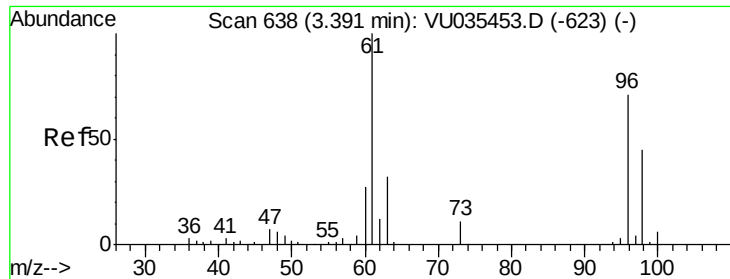
Tgt Ion: 43 Resp: 103096
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#16
Methylene chloride
Concen: 0.539 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035476.D
Acq: 24 Oct 2019 22:15

Tgt Ion: 84 Resp: 8648
Ion Ratio Lower Upper
84 100
86 69.0 45.4 84.2
49 136.8 86.8 161.2





#18

trans-1,2-Dichloroethene

Concen: 0.116 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU035476.D

Acq: 24 Oct 2019 22:15

Instrument :

MSVOA_U

ClientSampleId :

H0G48DL

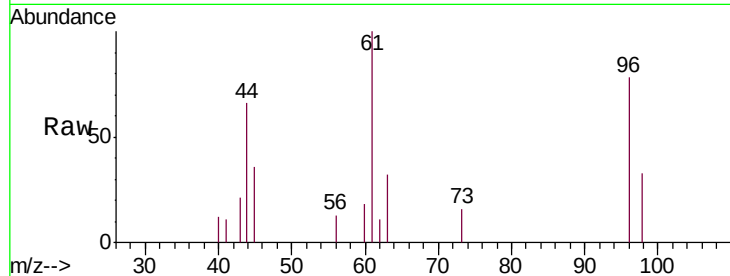
Tgt Ion: 96 Resp: 1674

Ion Ratio Lower Upper

96 100

61 128.2 93.0 172.6

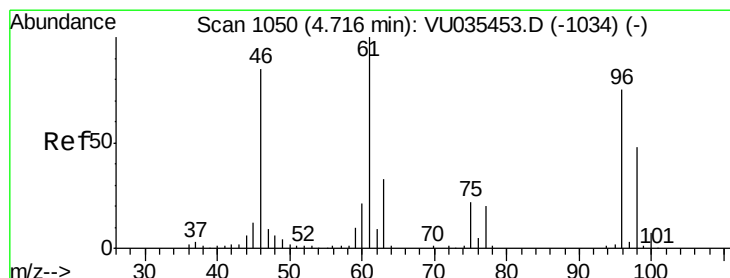
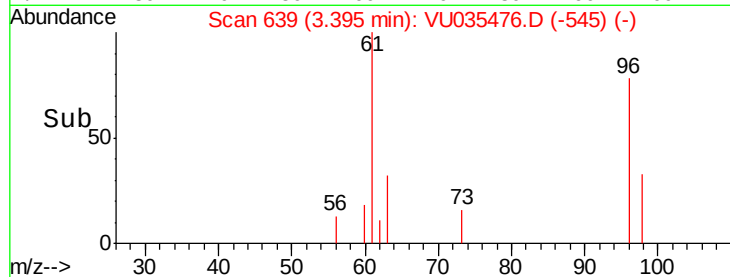
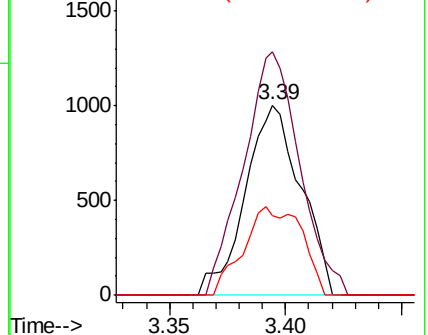
98 42.1 43.7 81.1#



Abundance Ion 96.00 (95.70 to 96.70): VU035476.D (-545) (-)

Ion 61.05 (60.75 to 61.75): VU035476.D (-545) (-)

Ion 97.95 (97.65 to 98.65): VU035476.D (-545) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.960 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035476.D

Acq: 24 Oct 2019 22:15

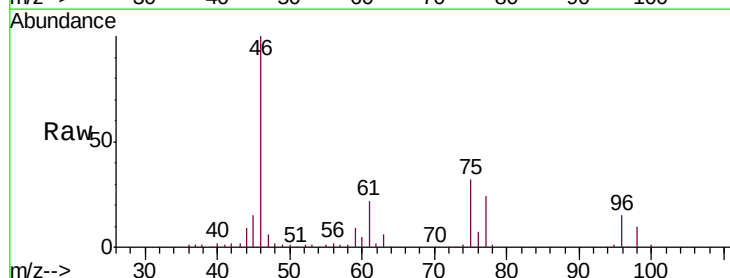
Tgt Ion: 96 Resp: 15287

Ion Ratio Lower Upper

96 100

61 139.5 89.7 166.5

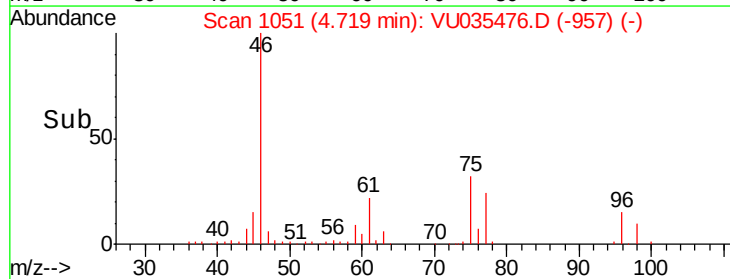
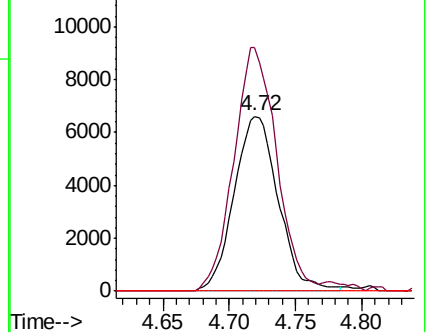
68 0.0 0.0 0.0

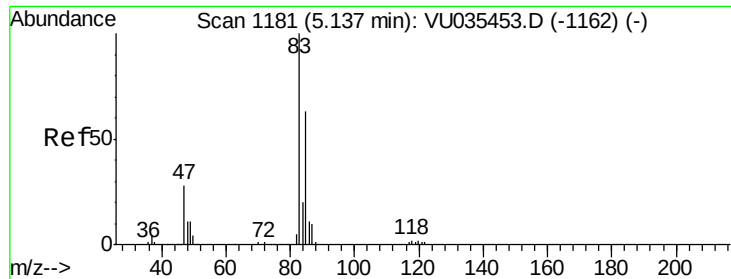


Abundance Ion 96.00 (95.70 to 96.70): VU035476.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035476.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035476.D (-957) (-)

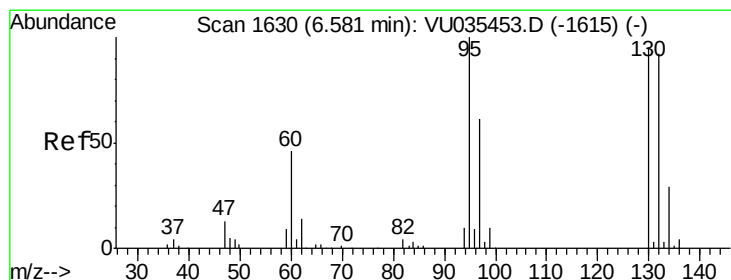
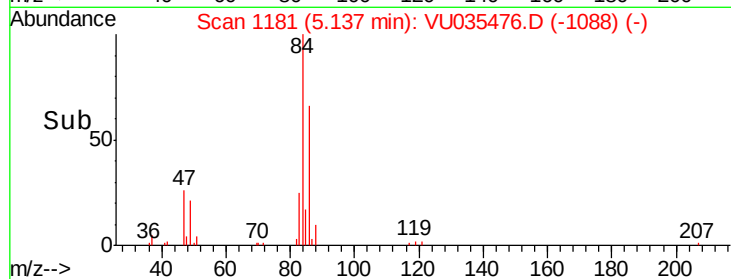
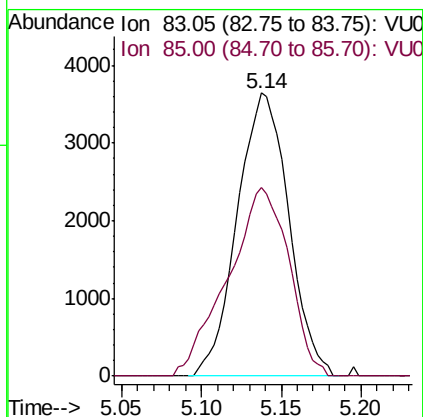
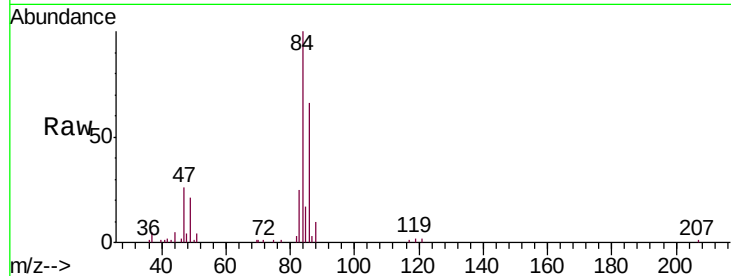




#25
Chloroform
Concen: 0.281 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035476.D
Acq: 24 Oct 2019 22:15

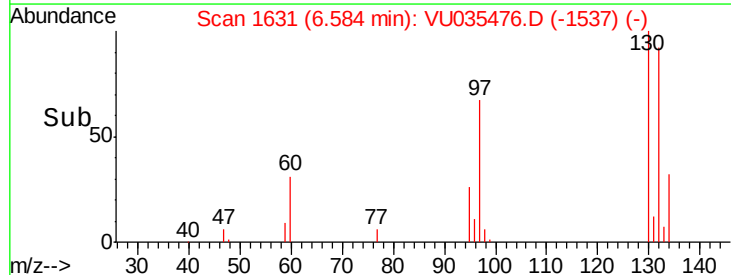
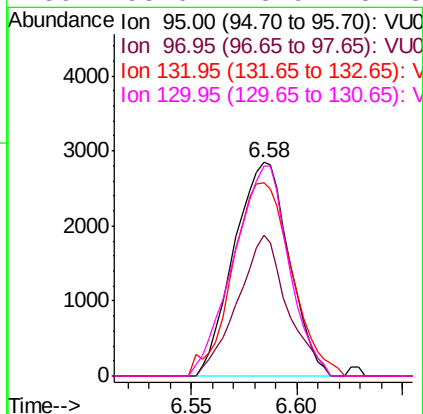
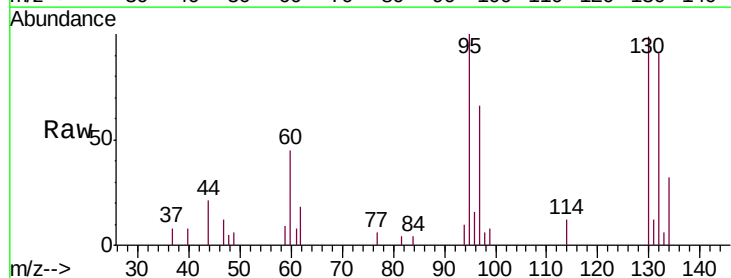
Instrument :
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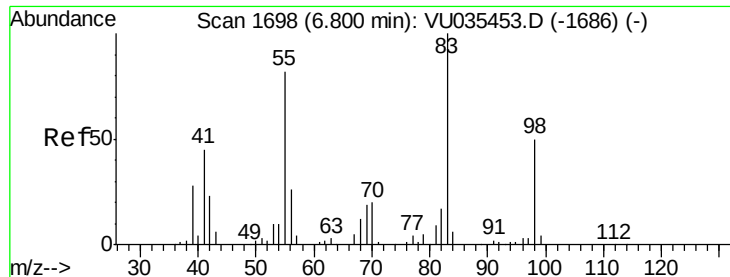
Tgt Ion: 83 Resp: 8019
Ion Ratio Lower Upper
83 100
85 66.5 45.1 83.9



#34
Trichloroethene
Concen: 0.311 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035476.D
Acq: 24 Oct 2019 22:15

Tgt Ion: 95 Resp: 5166
Ion Ratio Lower Upper
95 100
97 65.8 46.6 86.6
132 90.7 68.7 127.7
130 98.6 73.9 137.3

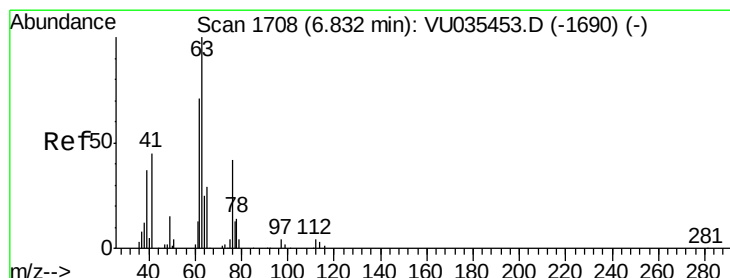
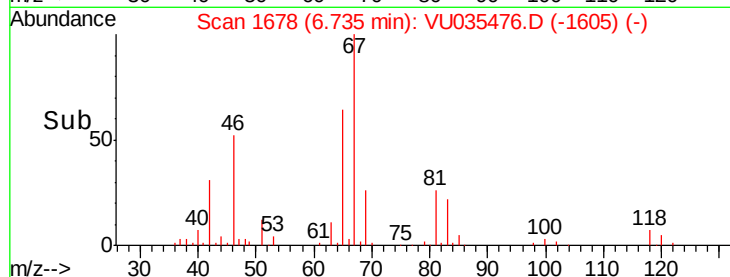
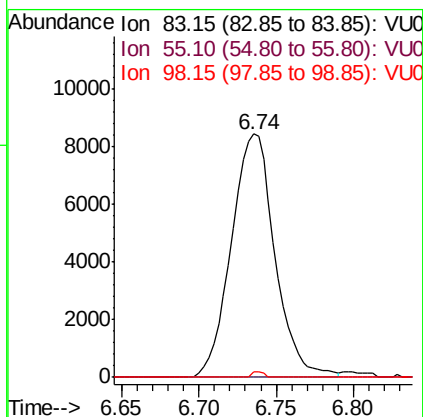
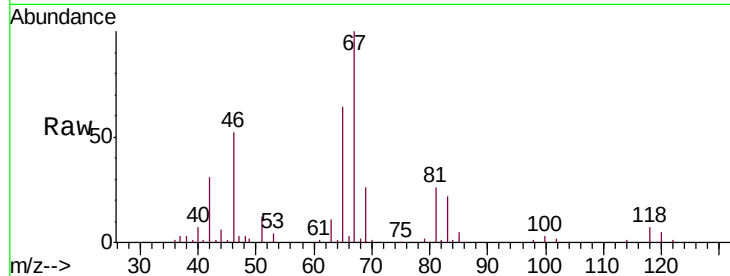




#35
Methylcyclohexane
Concen: 0.593 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035476.D
Acq: 24 Oct 2019 22:15

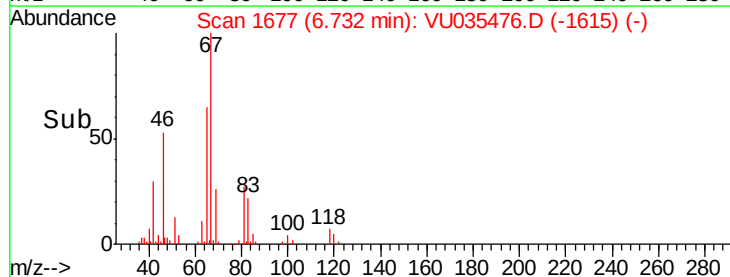
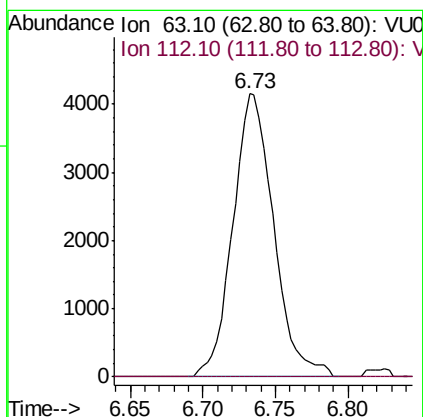
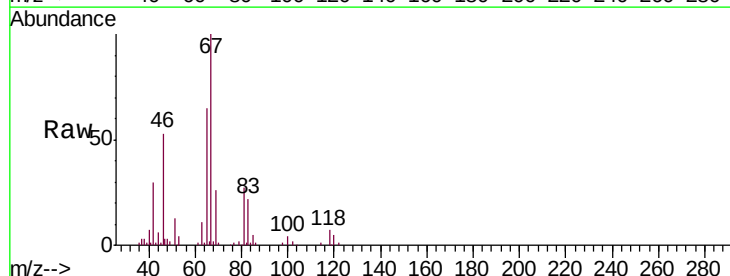
Instrument :
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ClientSampleId :
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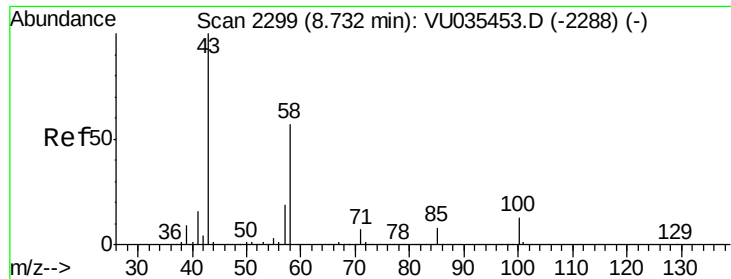
Tgt Ion: 83 Resp: 16486
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 0.6 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035476.D
Acq: 24 Oct 2019 22:15

Tgt Ion: 63 Resp: 8112
Ion Ratio Lower Upper
63 100
112 0.6 3.7 5.5#

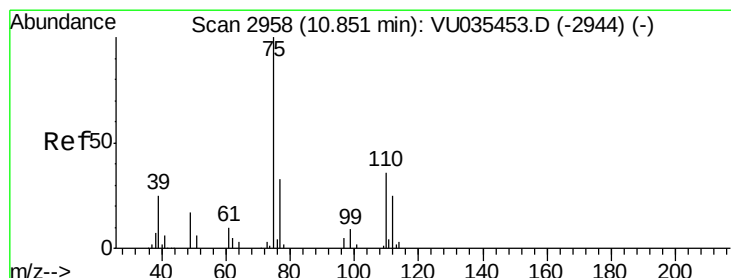
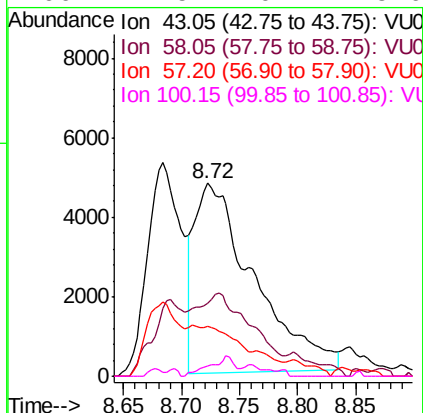
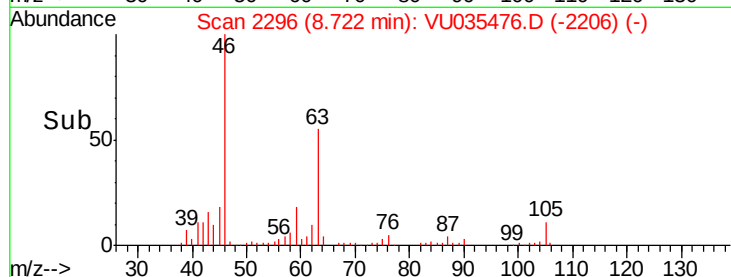
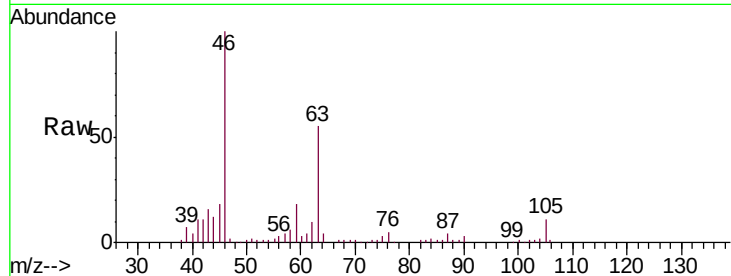




#48
2-Hexanone
Concen: 2.301 ug/L
RT: 8.72 min Scan# 2296
Delta R.T. -0.01 min
Lab File: VU035476.D
Acq: 24 Oct 2019 22:15

Instrument :
MSVOA_U
ClientSampleId :
H0G48DL

Tgt Ion: 43 Resp: 17103
Ion Ratio Lower Upper
43 100
58 33.2 45.1 67.7#
57 0.0 16.0 24.0#
100 4.5 10.4 15.6#



#59
1,2,3-Trichloropropane
Concen: 0.656 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. 1.00 min
Lab File: VU035476.D
Acq: 24 Oct 2019 22:15

Tgt Ion: 75 Resp: 7172
Ion Ratio Lower Upper
75 100
77 37.5 26.2 39.2

