

Data File : VU036228.D
Acq On : 16 Dec 2019 12:49
Operator : JC/MD
Sample : K6234-04 400X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE56

Quant Time: Dec 17 01:22:54 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	220166	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	249853	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	92409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88045	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.93	69	84158	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.59	63	94915	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.70	46	195335	53.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.56%
24) Chloroform-d	5.11	84	153190	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	80817	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.77	84	277197	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.73	67	93335	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.93	98	222946	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	8.21	79	35140	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.68	63	147915	47.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	86516	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	88501	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

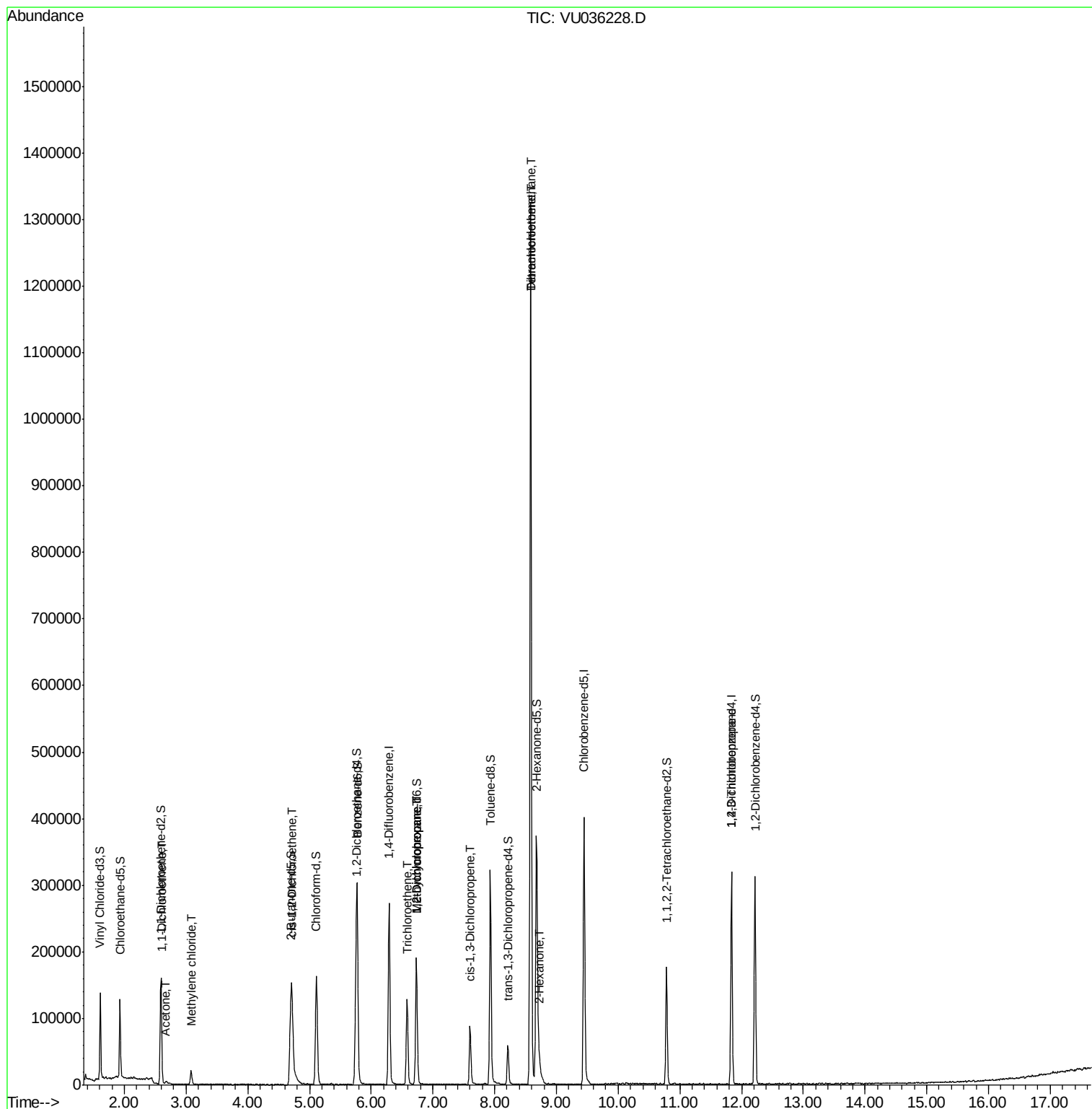
					Qvalue
12) 1,1-Dichloroethene	2.61	96	3166	0.194 ug/L #	1
13) Acetone	2.67	43	6087	1.923 ug/L	93
16) Methylene chloride	3.08	84	9875	0.411 ug/L	88
22) cis-1,2-Dichloroethene	4.72	96	43791	2.386 ug/L	94
34) Trichloroethene	6.58	95	44403	2.243 ug/L	96
35) Methylcyclohexane	6.73	83	22163	0.787 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	9254	0.472 ug/L #	85
39) cis-1,3-Dichloropropene	7.60	75	2246	0.084 ug/L #	34
47) Tetrachloroethene	8.58	164	311299	17.411 ug/L	96
48) 2-Hexanone	8.73	43	7465	0.976 ug/L #	86
49) Dibromochloromethane	8.58	129	274001	15.102 ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	10655	0.818 ug/L	94

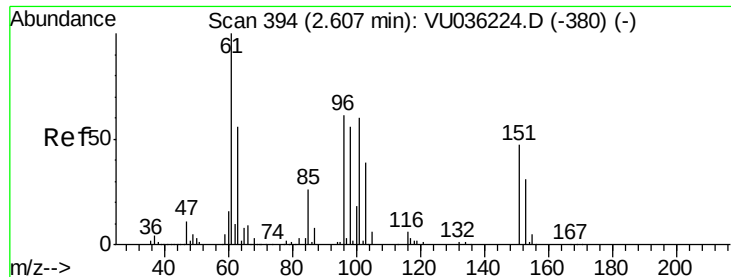
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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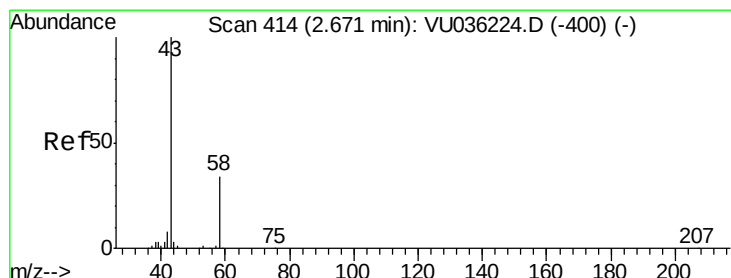
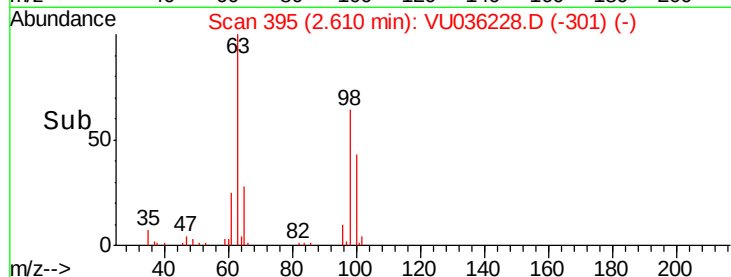
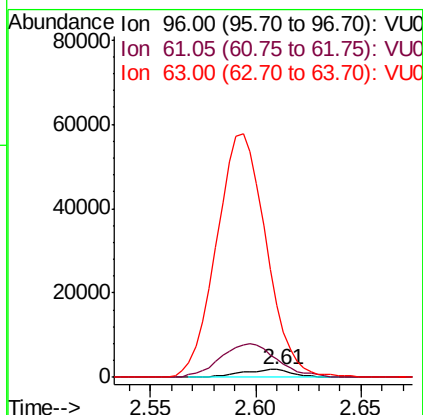
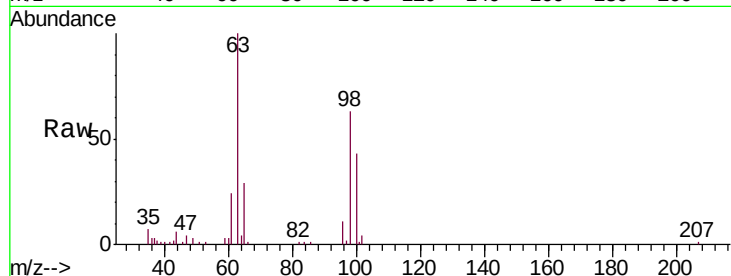




#12
 1,1-Dichloroethene
 Concen: 0.194 ug/L
 RT: 2.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: VU036228.D
 Acq: 16 Dec 2019 12:49

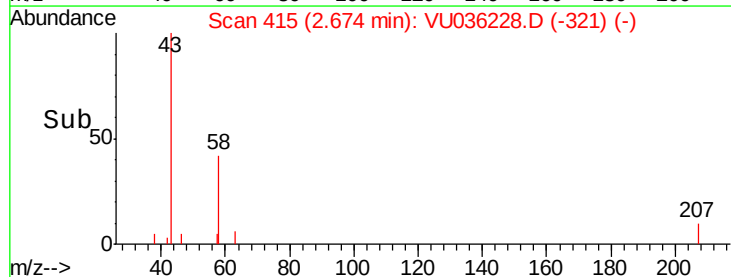
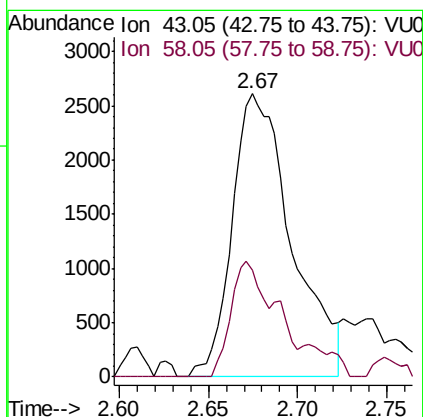
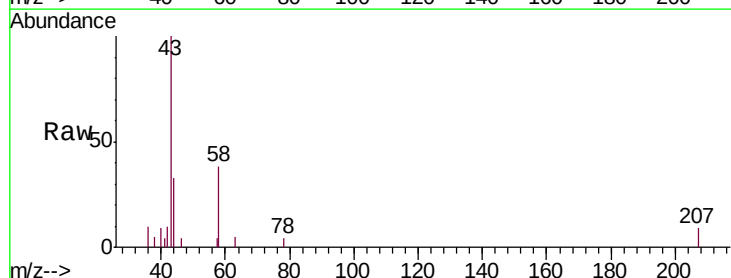
Instrument :
 MSVOA_U
 ClientSampleID :
 BFE56

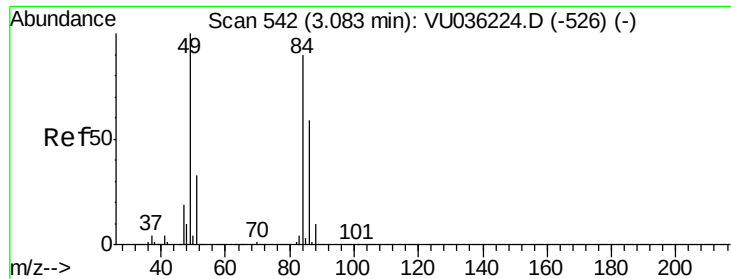
Tgt Ion: 96 Resp: 3166
 Ion Ratio Lower Upper
 96 100
 61 229.2 114.0 211.8#
 63 935.7 63.6 118.0#



#13
 Acetone
 Concen: 1.923 ug/L
 RT: 2.67 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: VU036228.D
 Acq: 16 Dec 2019 12:49

Tgt Ion: 43 Resp: 6087
 Ion Ratio Lower Upper
 43 100
 58 30.0 0.0 67.6

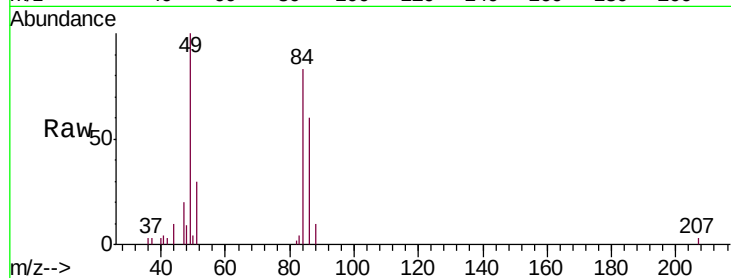




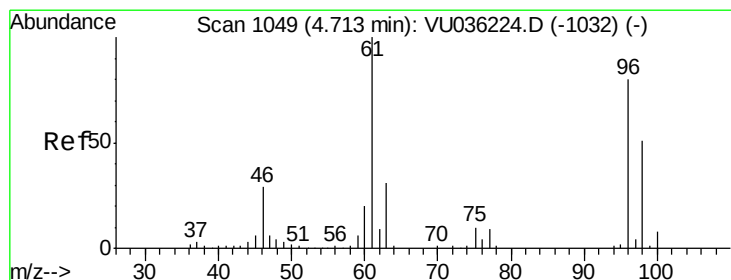
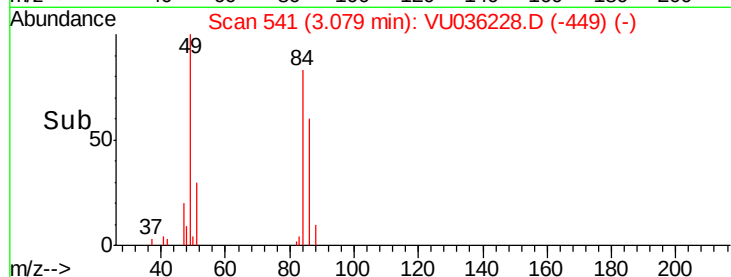
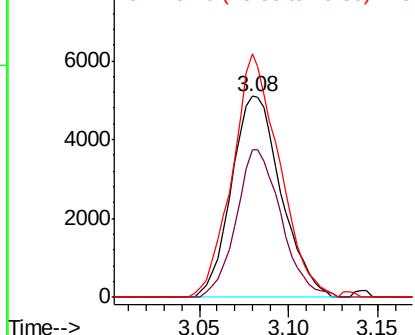
#16
Methylene chloride
Concen: 0.411 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU036228.D
Acq: 16 Dec 2019 12:49

Instrument :
MSVOA_U
ClientSampleId :
BFE56

Tgt Ion: 84 Resp: 9875
Ion Ratio Lower Upper
84 100
86 73.2 43.0 79.8
49 121.1 77.3 143.5

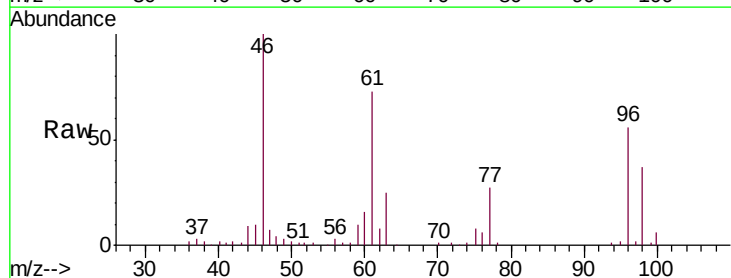


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

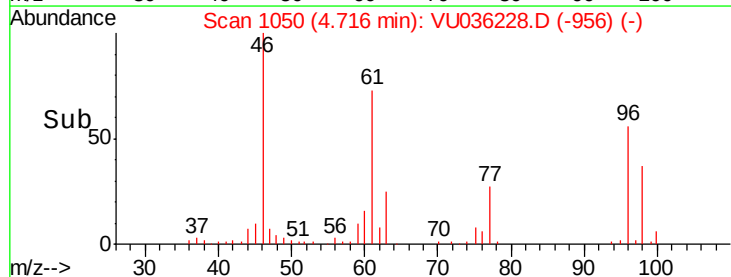
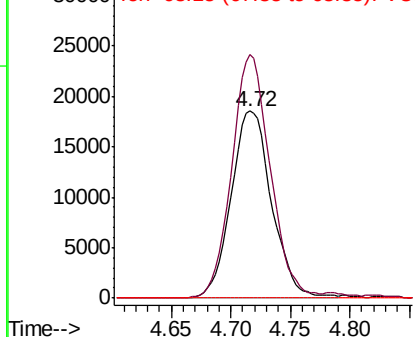


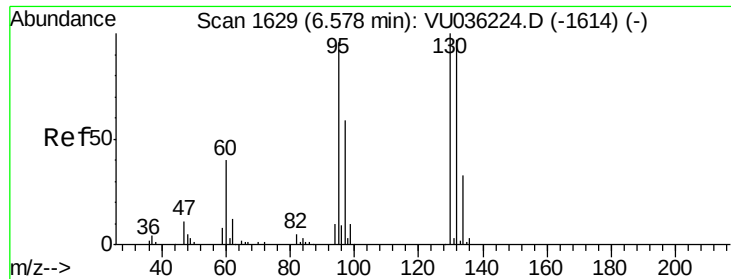
#22
cis-1,2-Dichloroethene
Concen: 2.386 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036228.D
Acq: 16 Dec 2019 12:49

Tgt Ion: 96 Resp: 43791
Ion Ratio Lower Upper
96 100
61 130.3 86.7 161.1
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





#34

Trichloroethene

Concen: 2.243 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036228.D

Acq: 16 Dec 2019 12:49

Instrument :

MSVOA_U

ClientSampleId :

BF56

Tgt Ion: 95 Resp: 44403

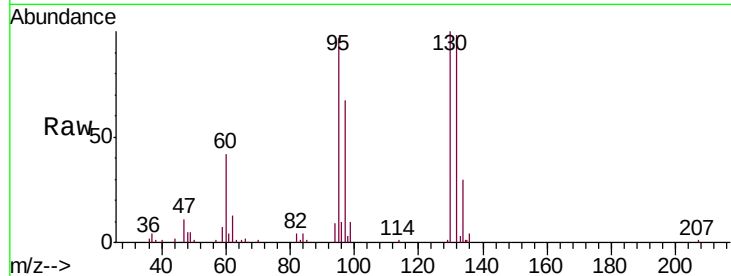
Ion Ratio Lower Upper

95 100

97 69.0 43.6 81.0

132 101.7 69.6 129.2

130 103.5 70.3 130.7

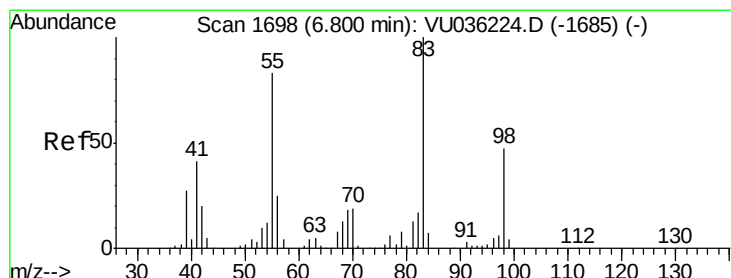
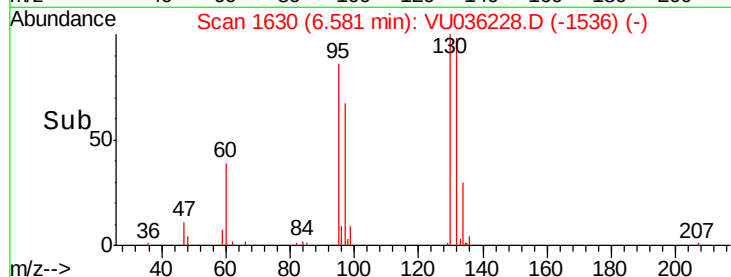
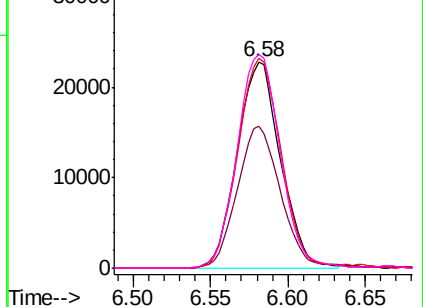


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.787 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036228.D

Acq: 16 Dec 2019 12:49

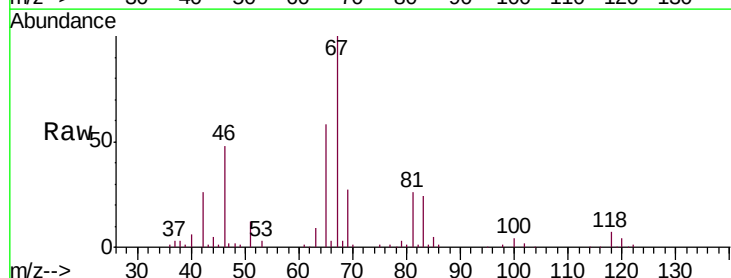
Tgt Ion: 83 Resp: 22163

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

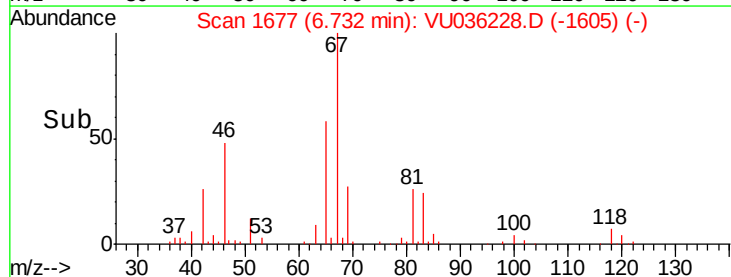
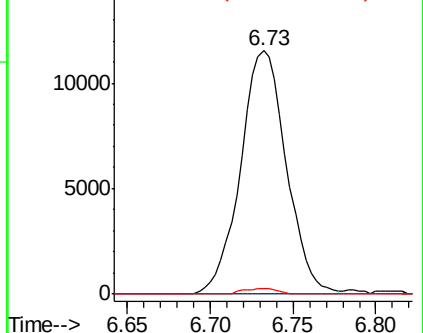
98 1.7 36.2 54.2#

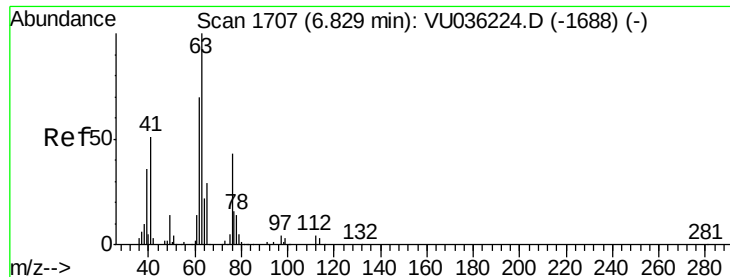


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

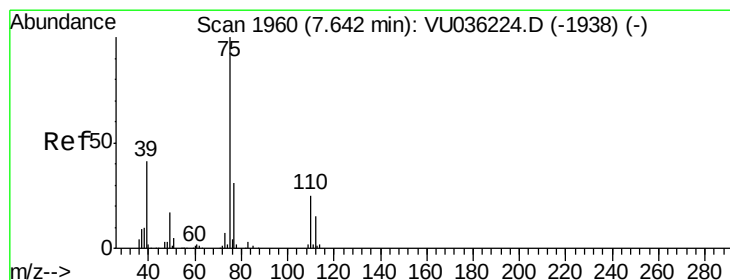
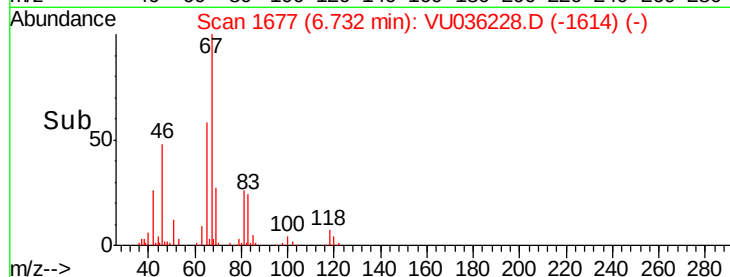
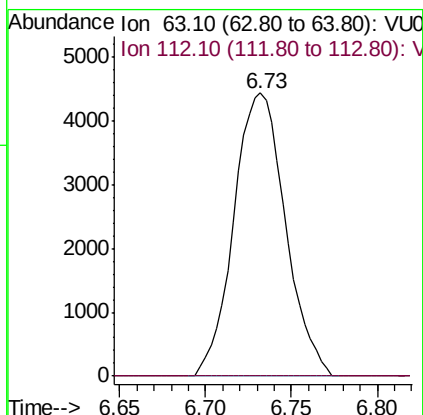
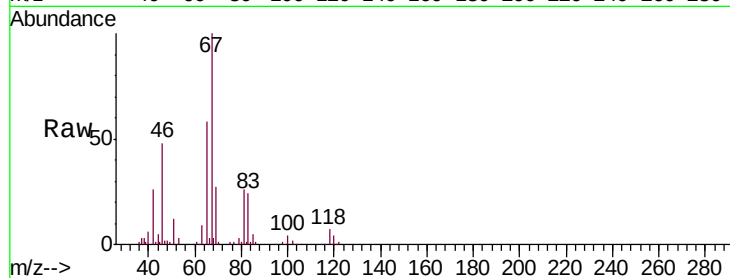




#37
 1,2-Dichloropropane
 Concen: 0.472 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036228.D
 Acq: 16 Dec 2019 12:49

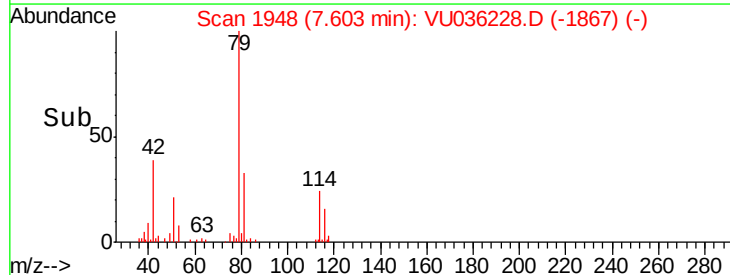
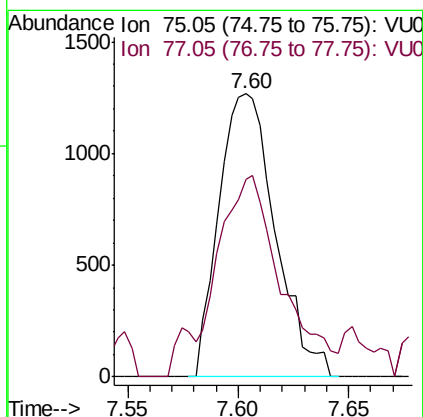
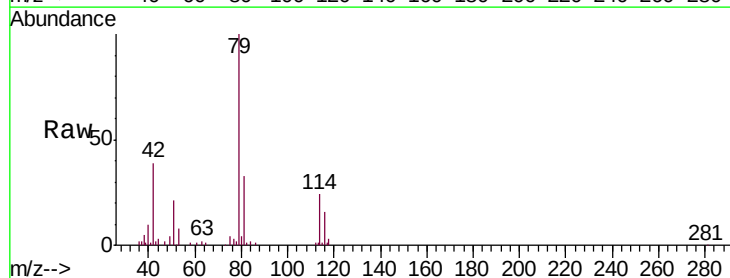
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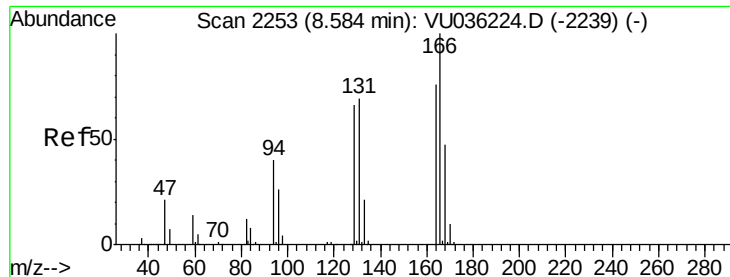
Tgt Ion: 63 Resp: 9254
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036228.D
 Acq: 16 Dec 2019 12:49

Tgt Ion: 75 Resp: 2246
 Ion Ratio Lower Upper
 75 100
 77 69.6 22.7 42.1#

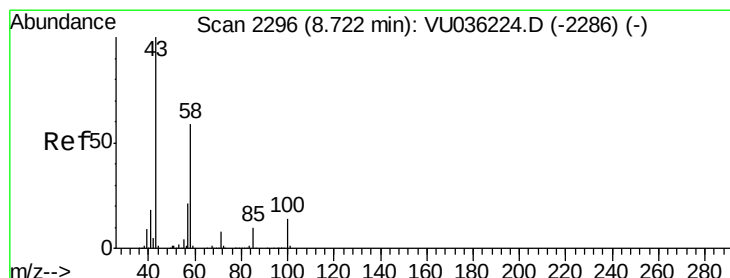
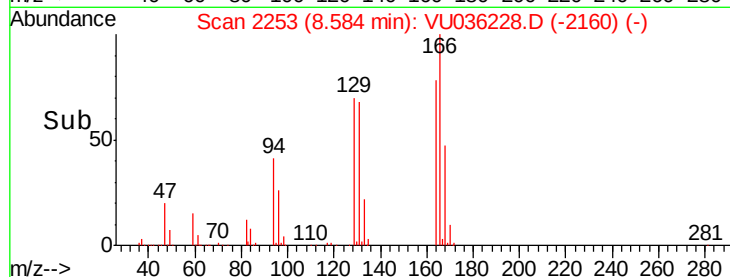
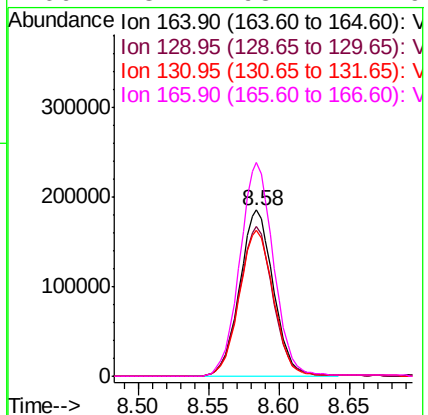
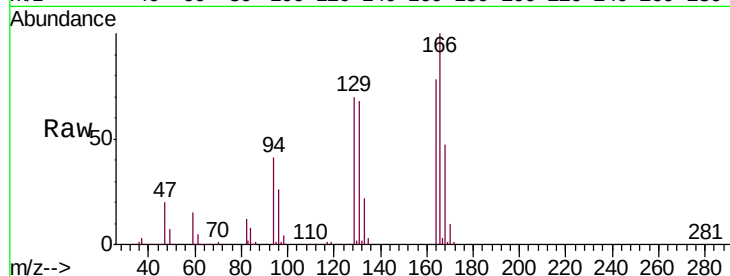




#47
Tetrachloroethene
Concen: 17.411 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036228.D
Acq: 16 Dec 2019 12:49

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
164	100		
129	89.9	64.2	119.2
131	87.6	66.6	123.8
166	128.4	93.1	172.9



#48
2-Hexanone
Concen: 0.976 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. 0.01 min
Lab File: VU036228.D
Acq: 16 Dec 2019 12:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.8	46.2	69.2
57	0.0	16.2	24.4#
100	3.9	10.2	15.4#

