

Data File : VU036044.D
Acq On : 09 Dec 2019 13:08
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV04

Quant Time: Dec 10 01:39:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:36:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	305040	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	315901	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	164152	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	117349	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.93	69	122482	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.59	63	230204	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.60%
20) 2-Butanone-d5	4.70	46	219006	47.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.54%
24) Chloroform-d	5.11	84	197638	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.74	65	98730	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.77	84	395129	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.73	67	113241	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	384145	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	8.21	79	50710	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.68	63	195481	53.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.50%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	99858	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	142342	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	133641	4.457 ug/L	98
3) Chloromethane	1.53	50	124823	4.263 ug/L	98
5) Vinyl chloride	1.62	62	141179	4.622 ug/L	99
6) Bromomethane	1.87	94	110773	4.513 ug/L	97
8) Chloroethane	1.95	64	103316	4.446 ug/L	99
9) Trichlorofluoromethane	2.16	101	242784	4.565 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	134900	4.571 ug/L	99
12) 1,1-Dichloroethene	2.61	96	126954	4.784 ug/L	97
13) Acetone	2.68	43	231992	39.446 ug/L	100
14) Carbon disulfide	2.82	76	381675	5.021 ug/L	98
15) Methyl Acetate	3.00	43	42683	4.916 ug/L	96
16) Methylene chloride	3.08	84	139404	4.523 ug/L	92
17) Methyl tert-butyl Ether	3.42	73	227756	4.985 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	105780	4.669 ug/L	98
19) 1,1-Dichloroethane	3.92	63	188757	4.643 ug/L	97
21) 2-Butanone	4.78	43	266763	45.318 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	111313	4.682 ug/L	97

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VICV04

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:36:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	56580	4.603	ug/L	98
25) Chloroform	5.13	83	203437	4.490	ug/L	99
27) 1,2-Dichloroethane	5.84	62	122874	4.590	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	181636	5.101	ug/L	96
30) Cyclohexane	5.43	56	150330	5.378	ug/L	99
31) Carbon tetrachloride	5.56	117	160430	4.983	ug/L	100
33) Benzene	5.82	78	441033	5.108	ug/L	100
34) Trichloroethene	6.58	95	115462	5.037	ug/L	99
35) Methylcyclohexane	6.80	83	166147	5.402	ug/L	98
37) 1,2-Dichloropropane	6.83	63	106824	4.932	ug/L	100
38) Bromodichloromethane	7.14	83	147397	5.064	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	158274	5.377	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	602277	53.242	ug/L	99
42) Toluene	8.00	91	494952	5.345	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	132729	5.216	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	83140	4.876	ug/L	97
47) Tetrachloroethene	8.58	164	108079	4.959	ug/L	98
48) 2-Hexanone	8.73	43	459478	56.620	ug/L	98
49) Dibromochloromethane	8.84	129	109512	4.839	ug/L	93
50) 1,2-Dibromoethane	8.96	107	82728	5.017	ug/L	99
51) Chlorobenzene	9.48	112	317749	4.924	ug/L	99
52) Ethylbenzene	9.60	91	493143	5.084	ug/L	99
53) m,p-Xylene	9.72	106	197857	5.122	ug/L	100
54) o-Xylene	10.13	106	189050	5.212	ug/L	96
55) Styrene	10.14	104	323848	5.207	ug/L	100
56) Isopropylbenzene	10.51	105	502195	5.247	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	105151	4.665	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	74284	4.798	ug/L	98
61) Bromoform	10.32	173	67476	4.131	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	261506	4.870	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	255766	4.835	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	246338	4.643	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	16217	4.866	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	218135	5.996	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	100158	5.185	ug/L	97
69) Naphthalene	14.11	128	92669	4.985	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	101263	5.467	ug/L	98

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

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Instrument :
MSVOA_U
ClientSampleId :
VICV04

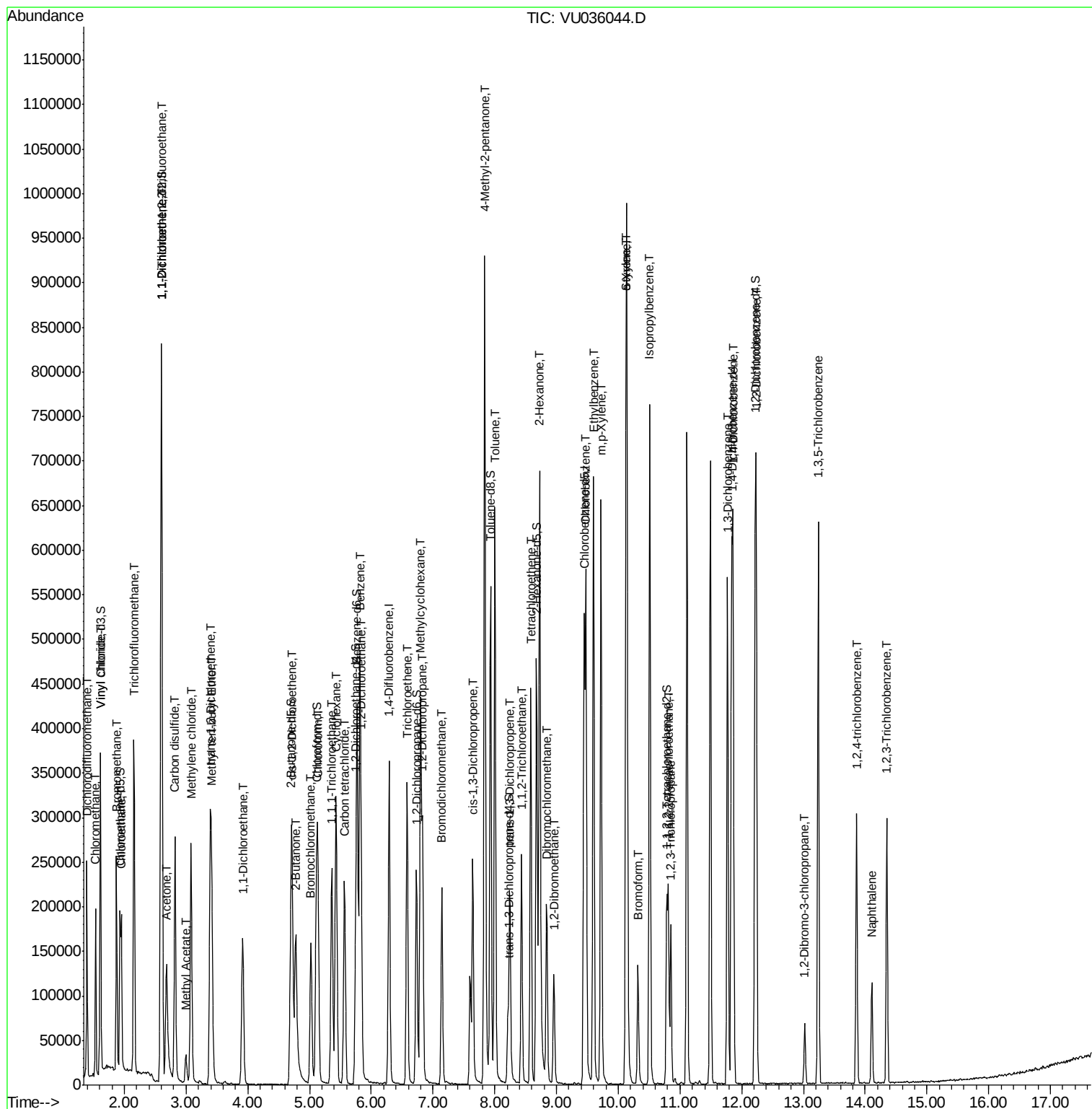
Quant Time: Dec 10 01:39:52 2019

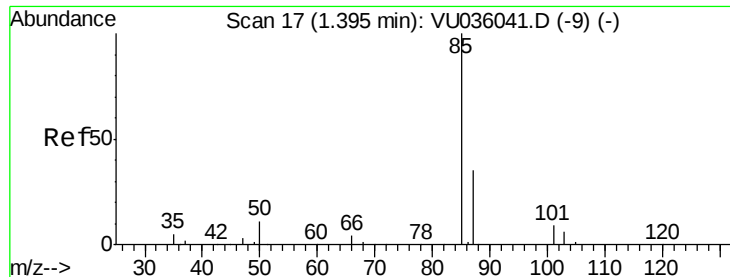
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMUTR120919WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Dec 10 01:36:53 2019

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.457 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU036044.D

Acq: 09 Dec 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

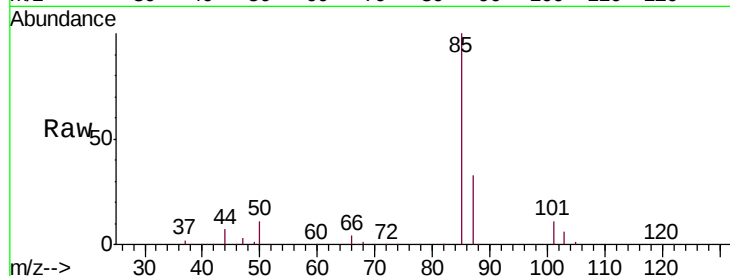
VICV04

Tgt Ion: 85 Resp: 133641

Ion Ratio Lower Upper

85 100

87 32.5 27.0 40.4



Abundance Ion 85.00 (84.70 to 85.70): VU036044.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU036044.D (-9) (-)

1.39

150000

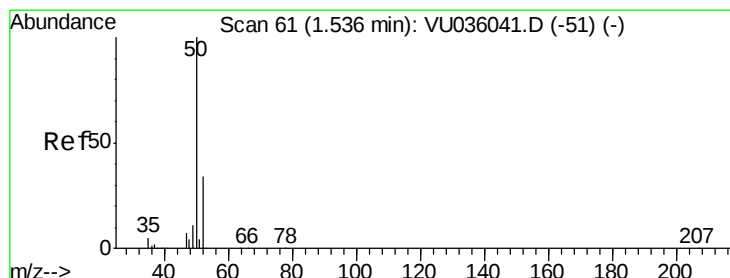
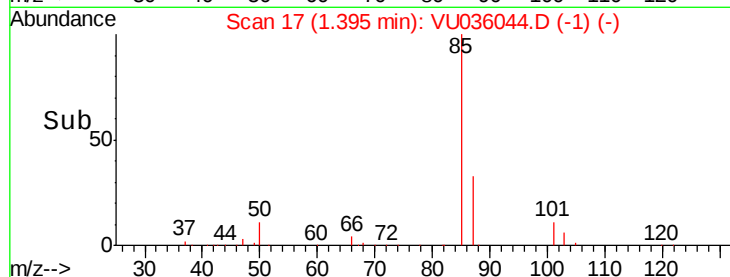
100000

50000

0

1.35 1.40 1.45

Time-->



#3

Chloromethane

Concen: 4.263 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036044.D

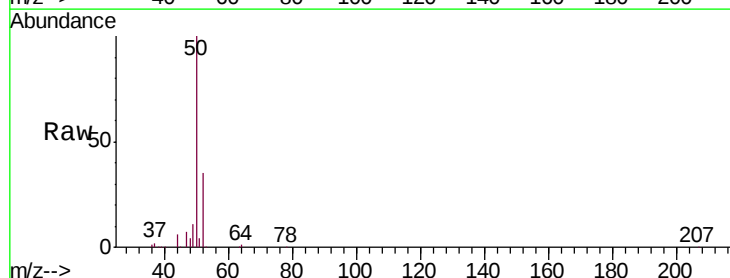
Acq: 09 Dec 2019 13:08

Tgt Ion: 50 Resp: 124823

Ion Ratio Lower Upper

50 100

52 34.8 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VU036044.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU036044.D (-51) (-)

1.53

120000

100000

80000

60000

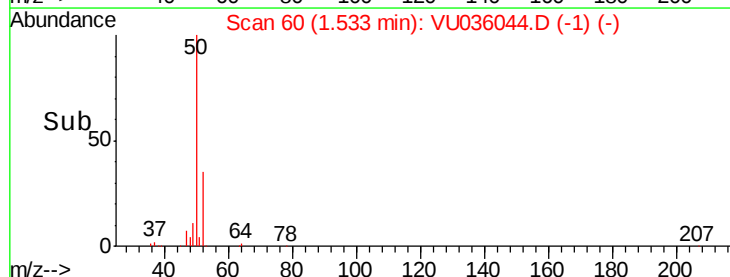
40000

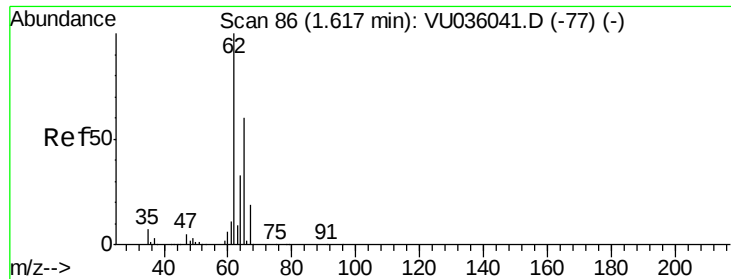
20000

0

1.50 1.55 1.60

Time-->





#5

Vinyl chloride

Concen: 4.622 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU036044.D

Acq: 09 Dec 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

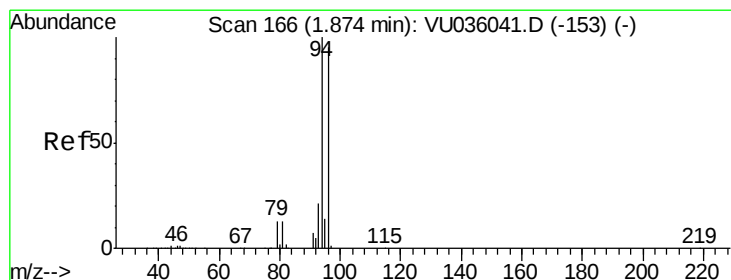
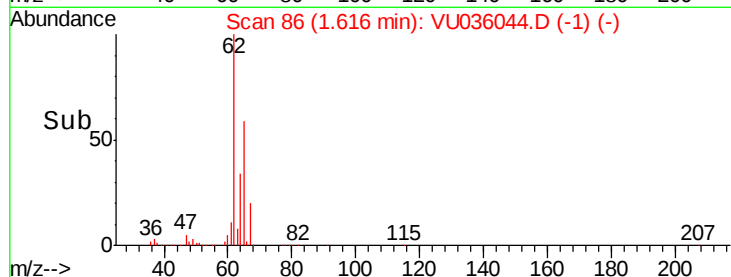
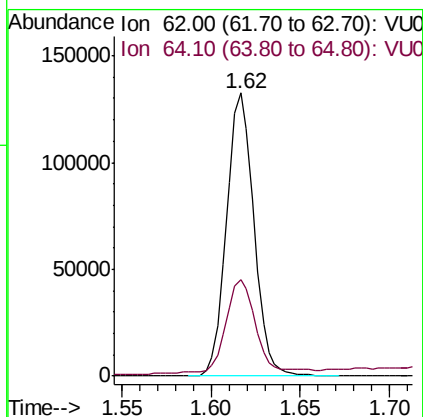
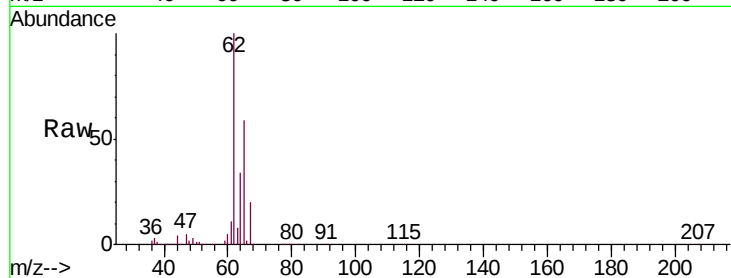
VICV04

Tgt Ion: 62 Resp: 141179

Ion Ratio Lower Upper

62 100

64 34.2 24.3 45.1



#6

Bromomethane

Concen: 4.513 ug/L

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU036044.D

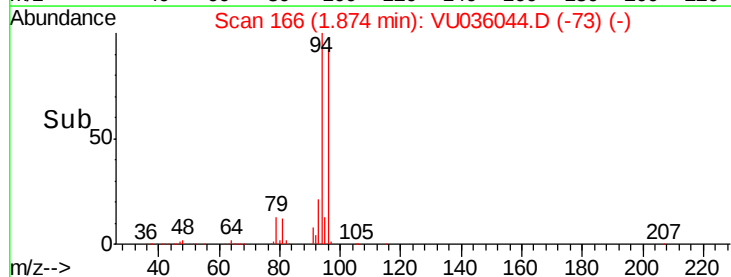
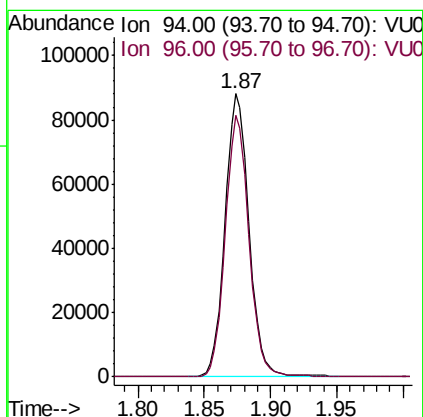
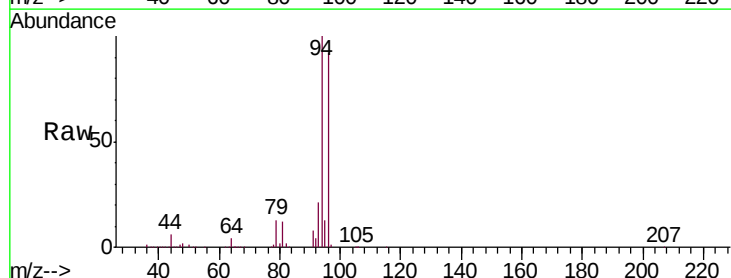
Acq: 09 Dec 2019 13:08

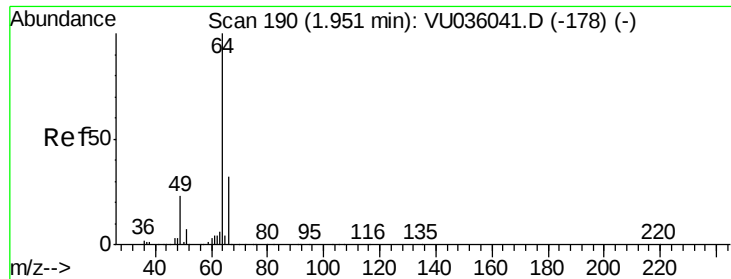
Tgt Ion: 94 Resp: 110773

Ion Ratio Lower Upper

94 100

96 92.2 66.8 124.2





#8

Chloroethane

Concen: 4.446 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU036044.D

Acq: 09 Dec 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

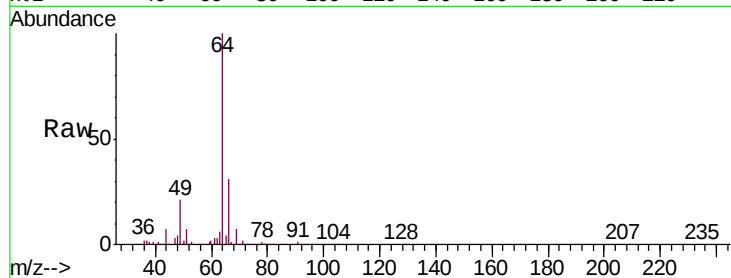
VICV04

Tgt Ion: 64 Resp: 103316

Ion Ratio Lower Upper

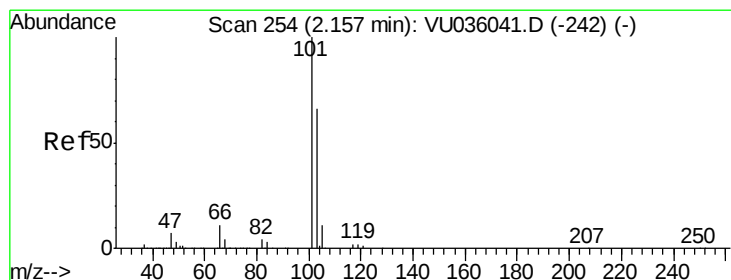
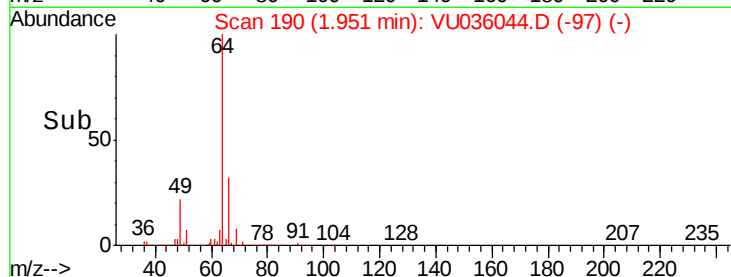
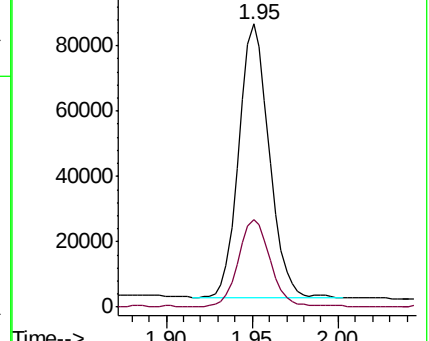
64 100

66 31.0 21.5 39.9



Abundance Ion 64.10 (63.80 to 64.80): VU036044.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU036044.D (-178) (-)



#9

Trichlorofluoromethane

Concen: 4.565 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU036044.D

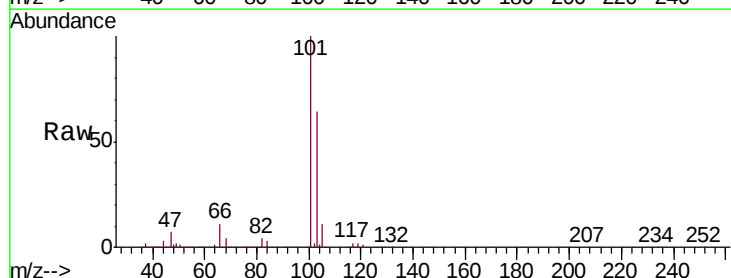
Acq: 09 Dec 2019 13:08

Tgt Ion: 101 Resp: 242784

Ion Ratio Lower Upper

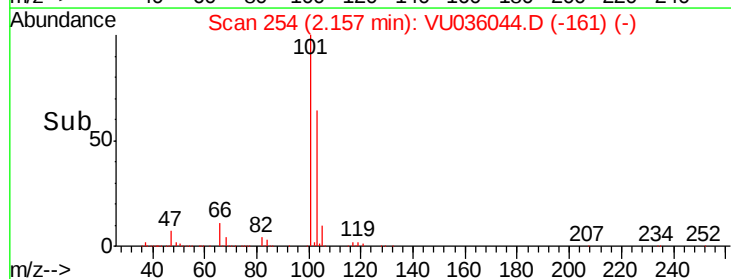
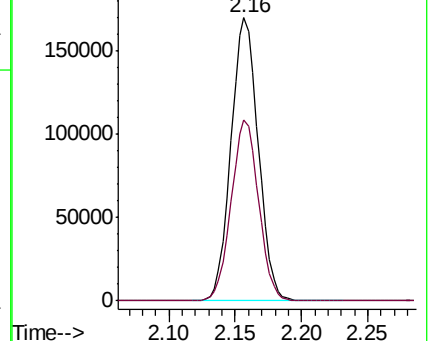
101 100

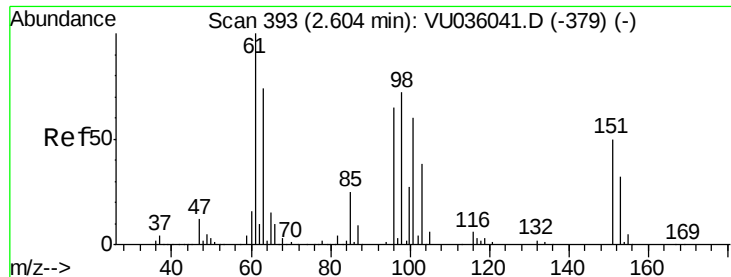
103 64.3 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): VU036044.D (-242) (-)

Ion 103.00 (102.70 to 103.70): VU036044.D (-242) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.571 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU036044.D

Acq: 09 Dec 2019 13:08

Instrument :

MSVOA_U

ClientSampled :

VICV04

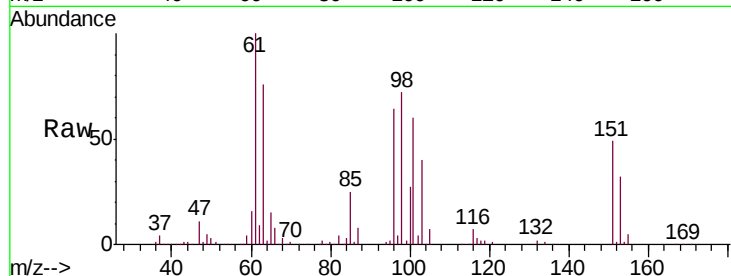
Tgt Ion: 101 Resp: 134900

Ion Ratio Lower Upper

101 100

85 41.9 33.1 49.7

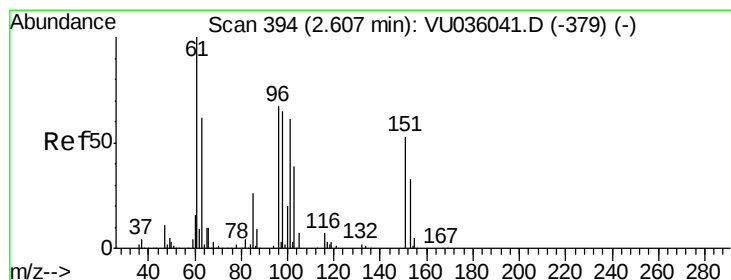
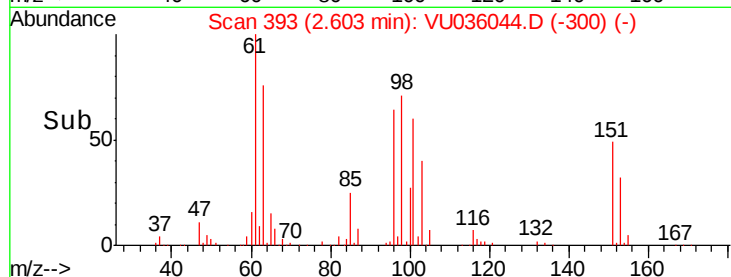
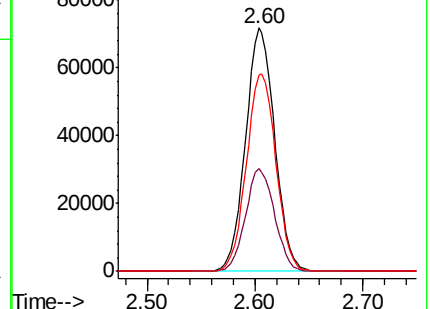
151 82.1 66.5 99.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.784 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU036044.D

Acq: 09 Dec 2019 13:08

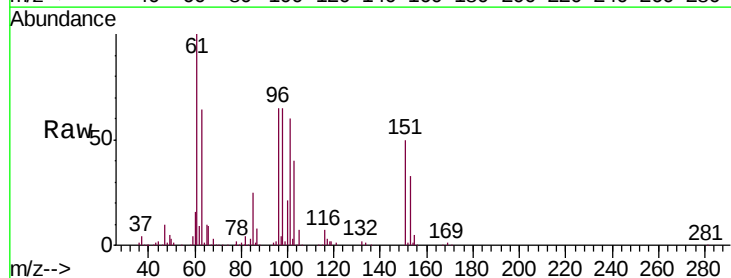
Tgt Ion: 96 Resp: 126954

Ion Ratio Lower Upper

96 100

61 152.7 104.3 193.7

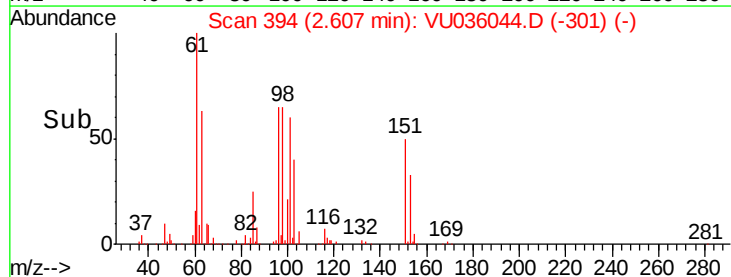
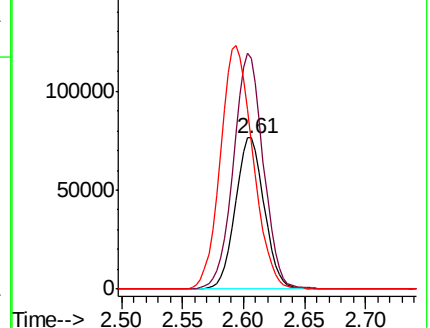
63 97.0 65.6 121.8

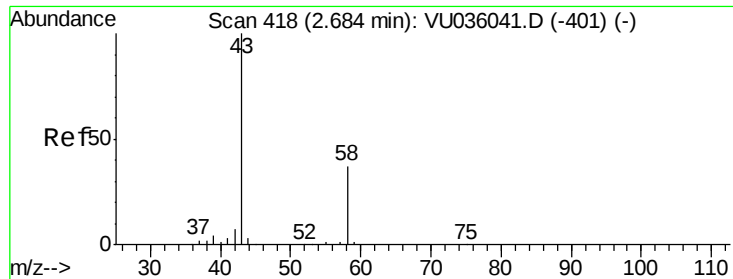


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 39.446 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.00 min

Lab File: VU036044.D

Acq: 09 Dec 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

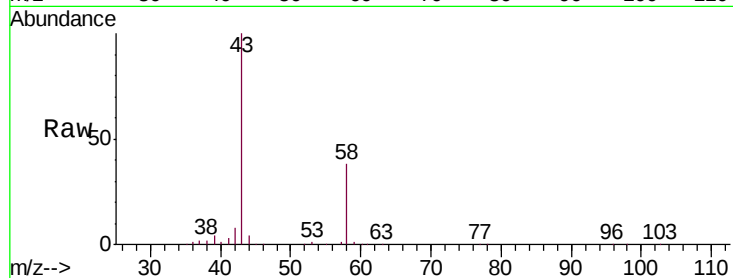
VICV04

Tgt Ion: 43 Resp: 231992

Ion Ratio Lower Upper

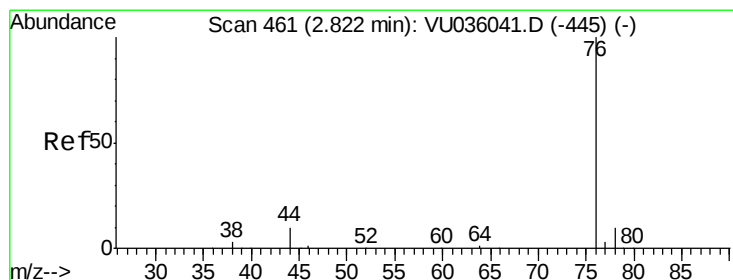
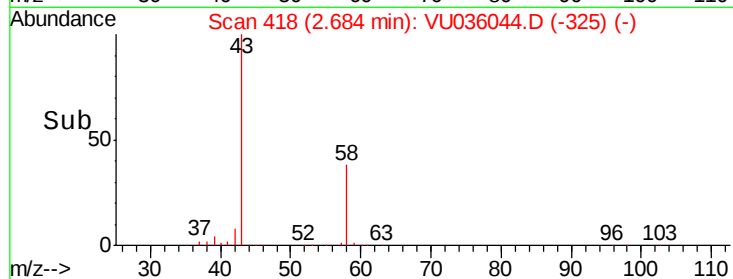
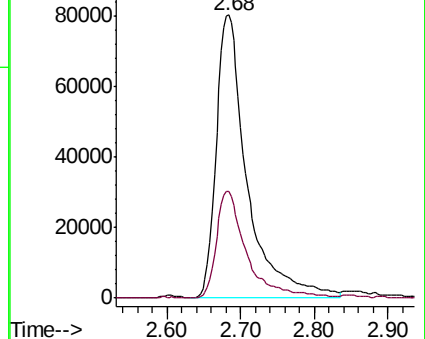
43 100

58 37.3 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036041.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036041.D (-401) (-)



#14

Carbon disulfide

Concen: 5.021 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU036044.D

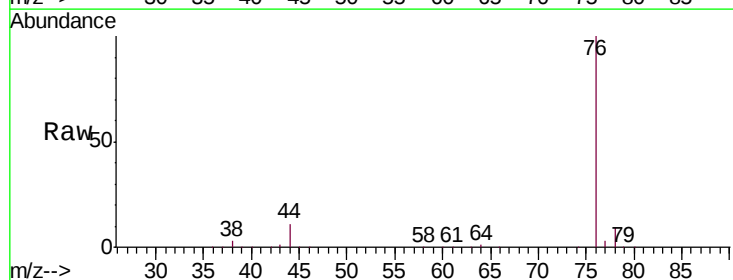
Acq: 09 Dec 2019 13:08

Tgt Ion: 76 Resp: 381675

Ion Ratio Lower Upper

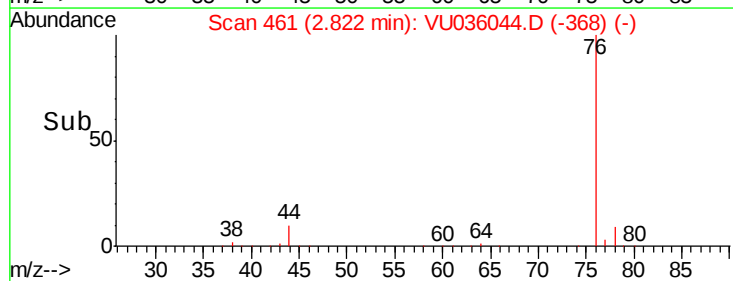
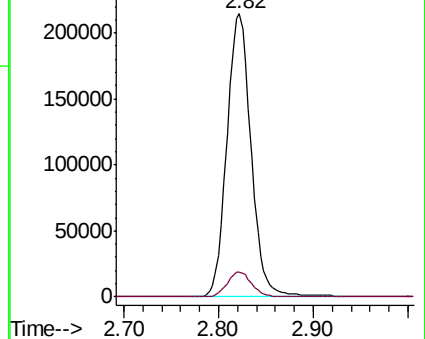
76 100

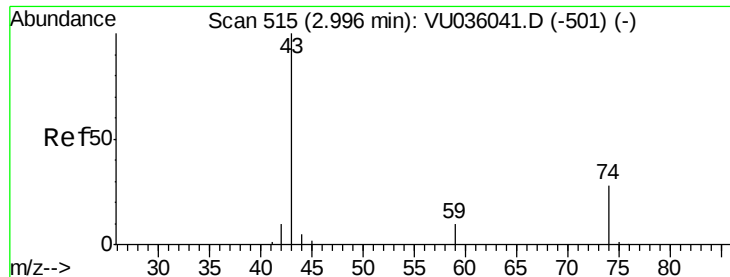
78 8.9 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VU036041.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU036041.D (-445) (-)

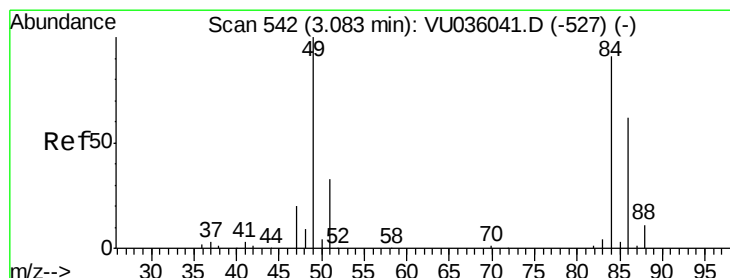
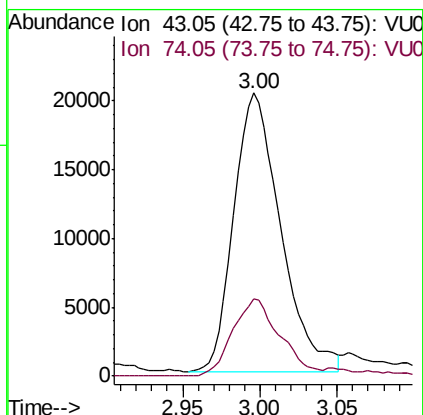
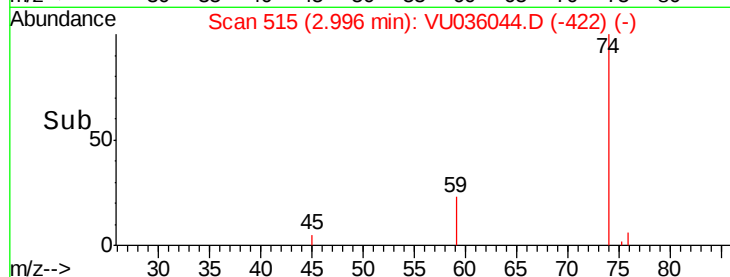
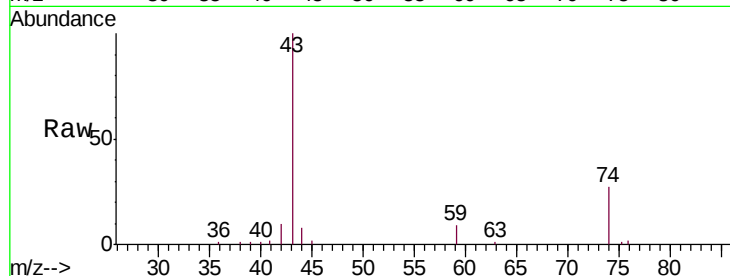




#15
Methyl Acetate
Concen: 4.916 ug/L
RT: 3.00 min Scan# 515
Delta R.T. -0.00 min
Lab File: VU036044.D
Acq: 09 Dec 2019 13:08

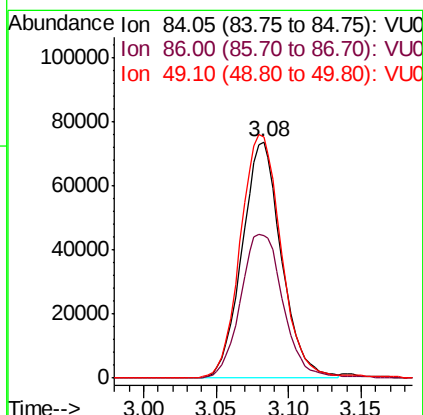
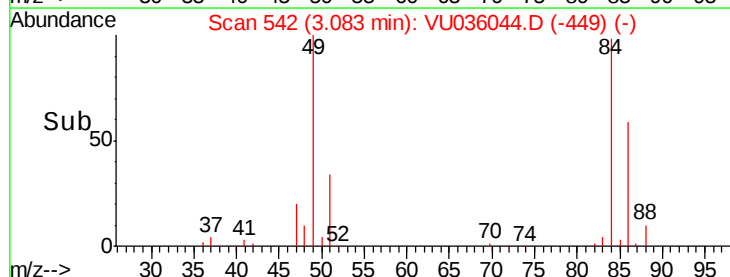
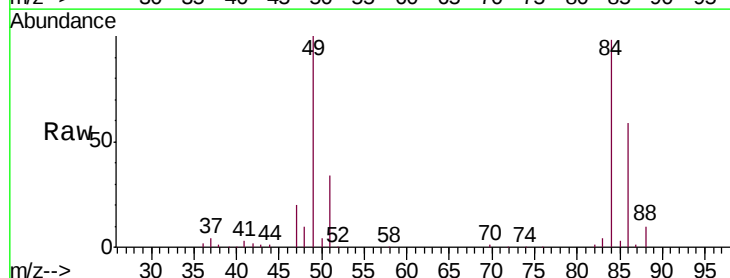
Instrument :
MSVOA_U
ClientSampleId :
VICV04

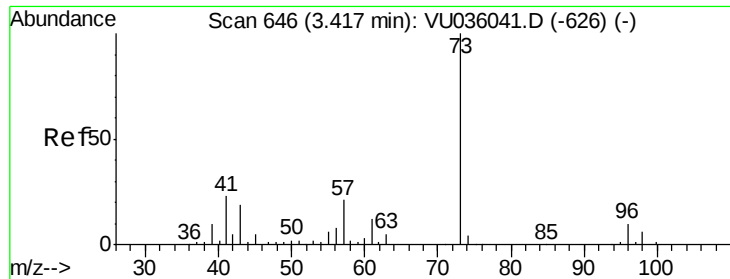
Tgt Ion: 43 Resp: 42683
Ion Ratio Lower Upper
43 100
74 28.0 21.0 31.4



#16
Methylene chloride
Concen: 4.523 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU036044.D
Acq: 09 Dec 2019 13:08

Tgt Ion: 84 Resp: 139404
Ion Ratio Lower Upper
84 100
86 60.4 47.5 88.3
49 101.8 76.9 142.9





#17

Methyl tert-butyl Ether

Concen: 4.985 ug/L

RT: 3.42 min Scan# 646

Delta R.T. -0.00 min

Lab File: VU036044.D

Acq: 09 Dec 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

VICV04

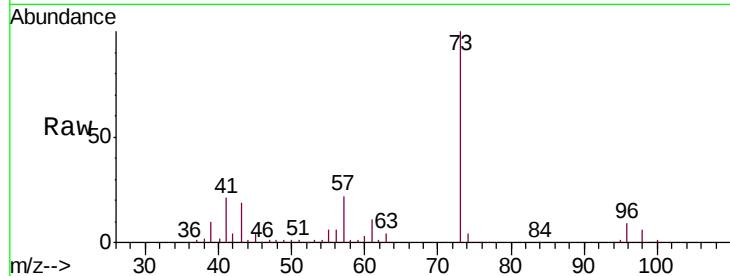
Tgt Ion: 73 Resp: 227756

Ion Ratio Lower Upper

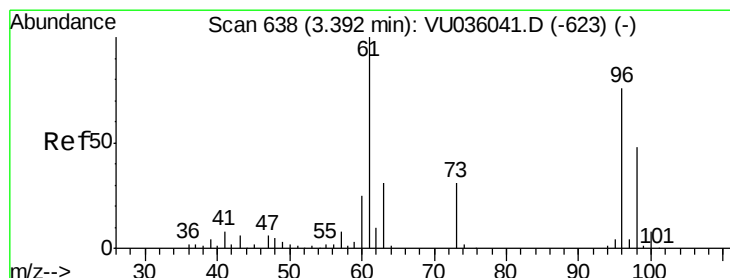
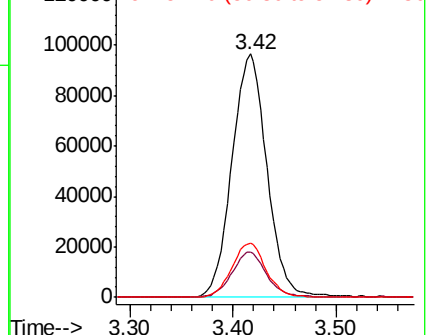
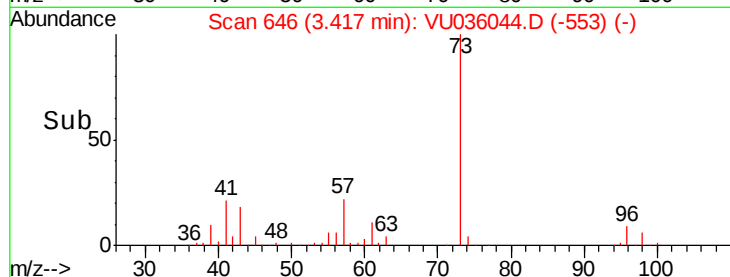
73 100

43 18.6 15.6 23.4

57 21.8 17.4 26.2



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 4.669 ug/L

RT: 3.39 min Scan# 638

Delta R.T. -0.00 min

Lab File: VU036044.D

Acq: 09 Dec 2019 13:08

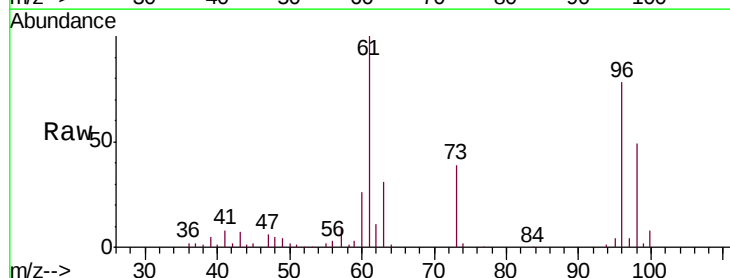
Tgt Ion: 96 Resp: 105780

Ion Ratio Lower Upper

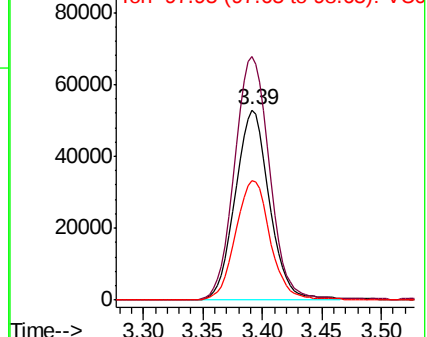
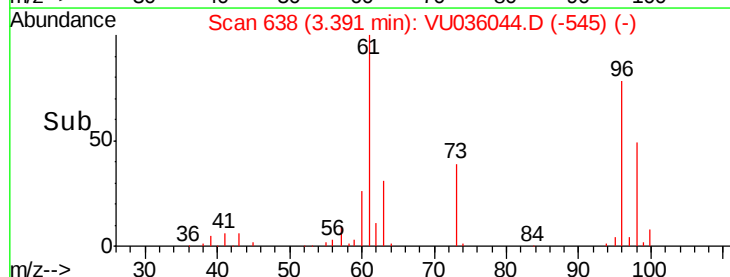
96 100

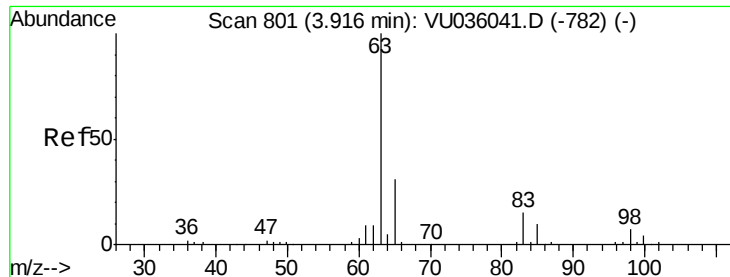
61 128.2 92.0 170.8

98 62.6 44.6 82.8



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

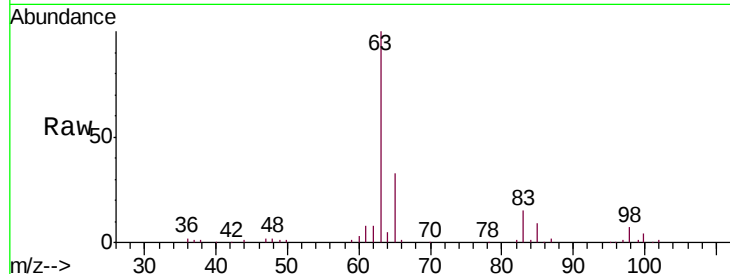




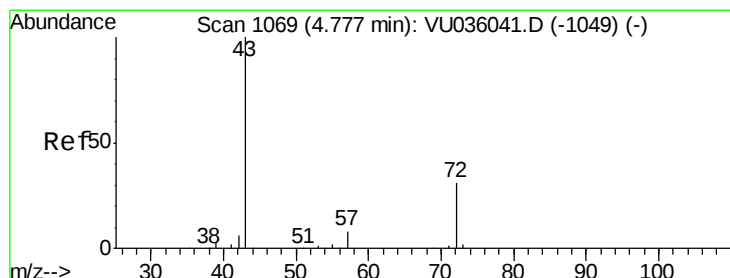
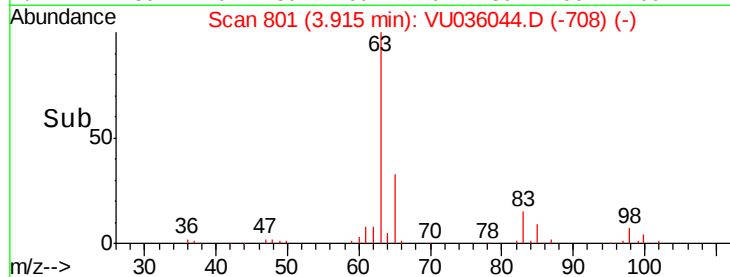
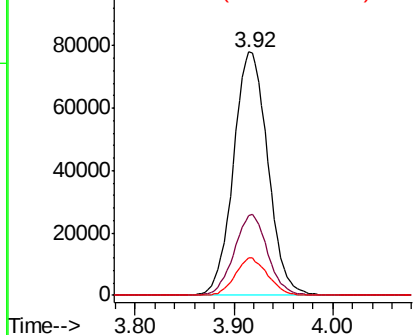
#19
 1,1-Dichloroethane
 Concen: 4.643 ug/L
 RT: 3.92 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VU036044.D
 Acq: 09 Dec 2019 13:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV04

Tgt Ion: 63 Resp: 188757
 Ion Ratio Lower Upper
 63 100
 65 32.7 21.8 40.4
 83 15.3 10.1 18.9

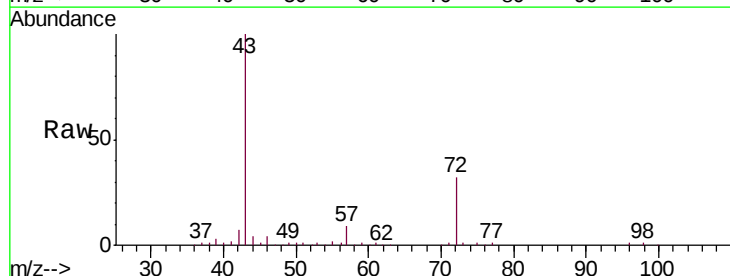


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

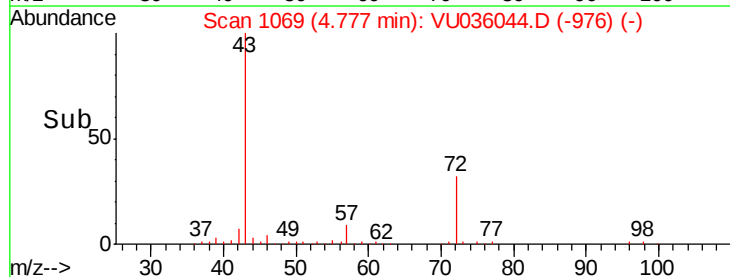
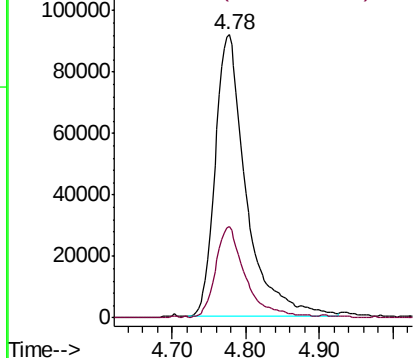


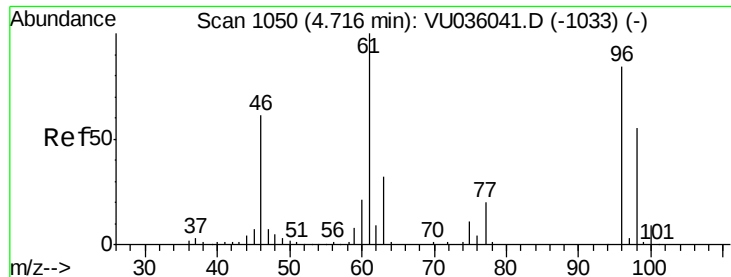
#21
 2-Butanone
 Concen: 45.318 ug/L
 RT: 4.78 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: VU036044.D
 Acq: 09 Dec 2019 13:08

Tgt Ion: 43 Resp: 266763
 Ion Ratio Lower Upper
 43 100
 72 30.3 15.0 45.0



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 4.682 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU036044.D

Acq: 09 Dec 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

VICV04

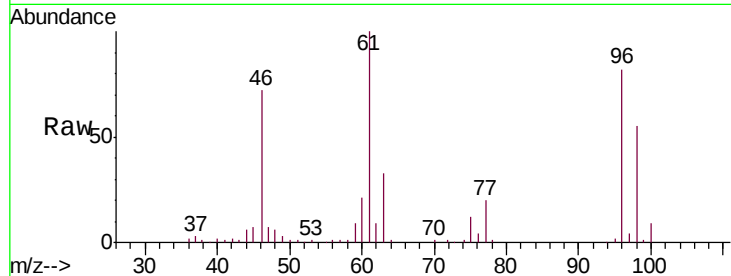
Tgt Ion: 96 Resp: 111313

Ion Ratio Lower Upper

96 100

61 122.4 83.0 154.2

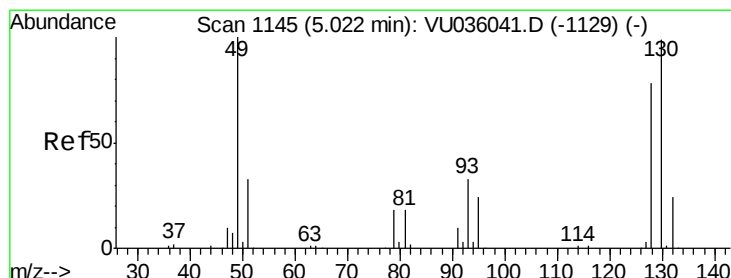
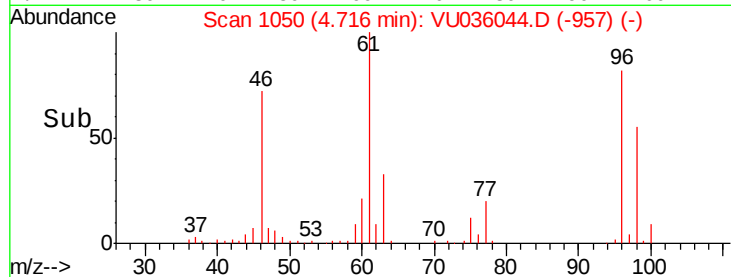
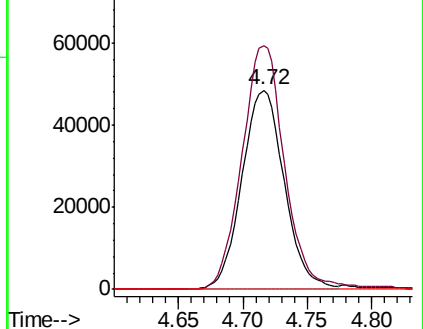
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036044.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU036044.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU036044.D (-957) (-)



#23

Bromochloromethane

Concen: 4.603 ug/L

RT: 5.02 min Scan# 1145

Delta R.T. -0.00 min

Lab File: VU036044.D

Acq: 09 Dec 2019 13:08

Tgt Ion: 128 Resp: 56580

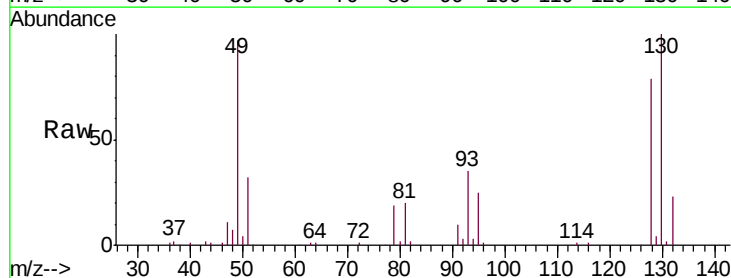
Ion Ratio Lower Upper

128 100

49 123.6 90.2 167.6

130 127.2 89.0 165.4

51 40.8 33.8 50.6

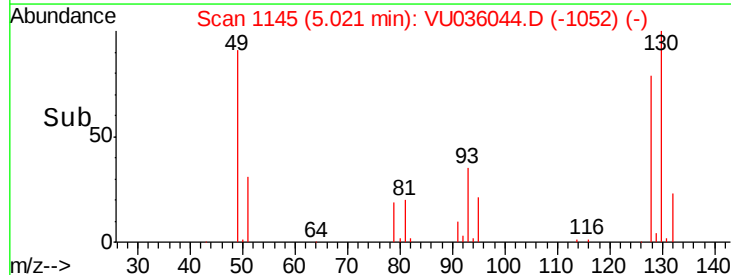
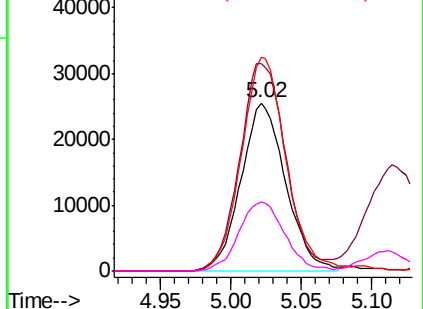


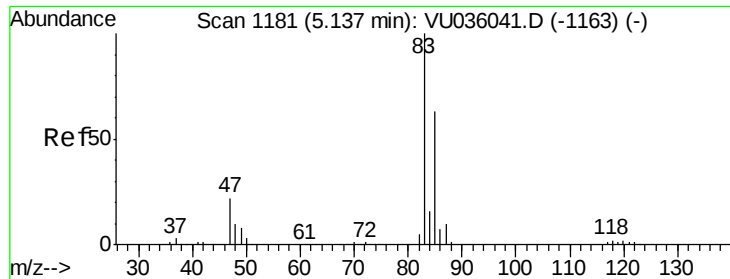
Abundance Ion 127.90 (127.60 to 128.60): VU036044.D (-1052) (-)

Ion 49.10 (48.80 to 49.80): VU036044.D (-1052) (-)

Ion 129.95 (129.65 to 130.65): VU036044.D (-1052) (-)

Ion 51.05 (50.75 to 51.75): VU036044.D (-1052) (-)

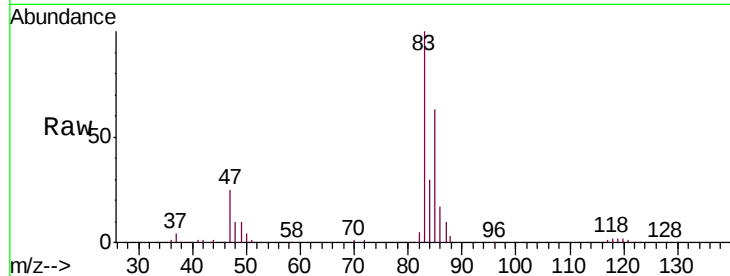




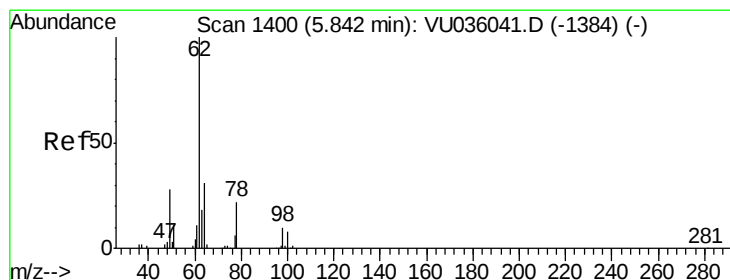
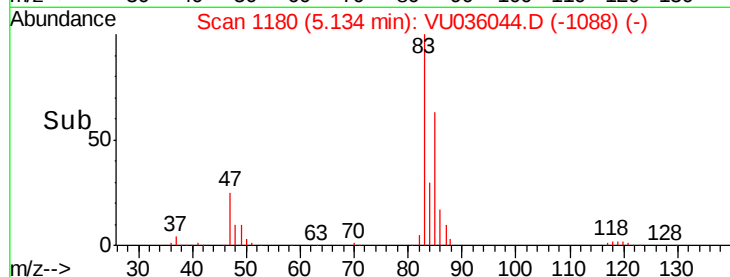
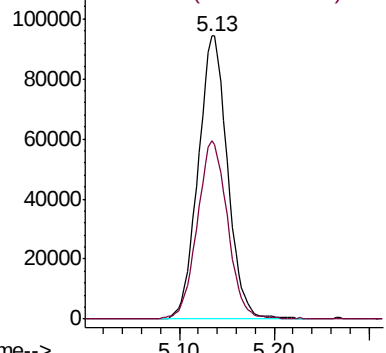
#25
Chloroform
Concen: 4.490 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036044.D
Acq: 09 Dec 2019 13:08

Instrument :
MSVOA_U
ClientSampleId :
VICV04

Tgt Ion: 83 Resp: 203437
Ion Ratio Lower Upper
83 100
85 63.1 43.9 81.5

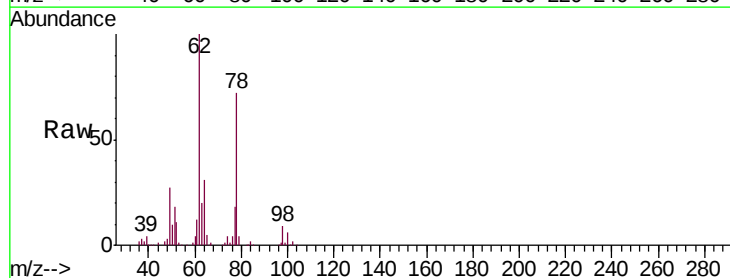


Abundance Ion 83.05 (82.75 to 83.75): VU036041.D (-1163) (-)
Ion 85.00 (84.70 to 85.70): VU036041.D (-1163) (-)

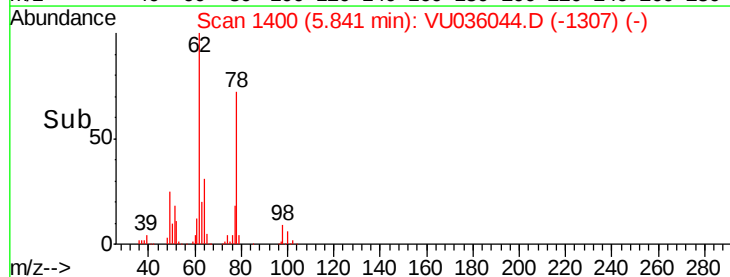
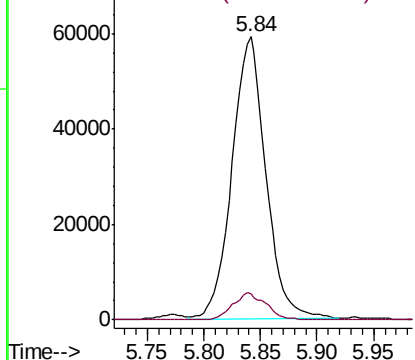


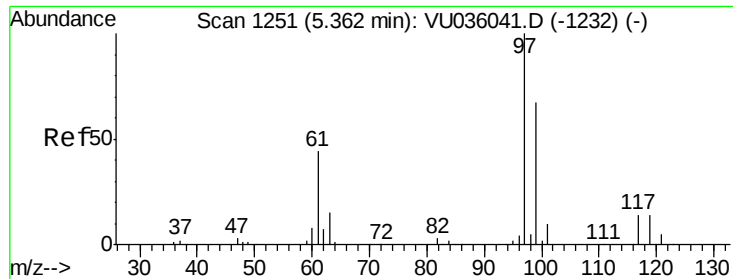
#27
1,2-Dichloroethane
Concen: 4.590 ug/L
RT: 5.84 min Scan# 1400
Delta R.T. -0.00 min
Lab File: VU036044.D
Acq: 09 Dec 2019 13:08

Tgt Ion: 62 Resp: 122874
Ion Ratio Lower Upper
62 100
98 9.4 8.2 12.2



Abundance Ion 62.00 (61.70 to 62.70): VU036041.D (-1384) (-)
Ion 98.05 (97.75 to 98.75): VU036041.D (-1384) (-)

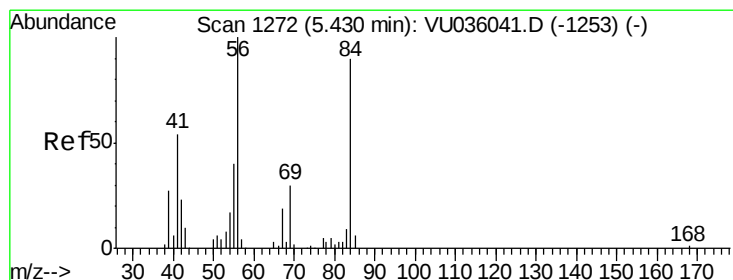
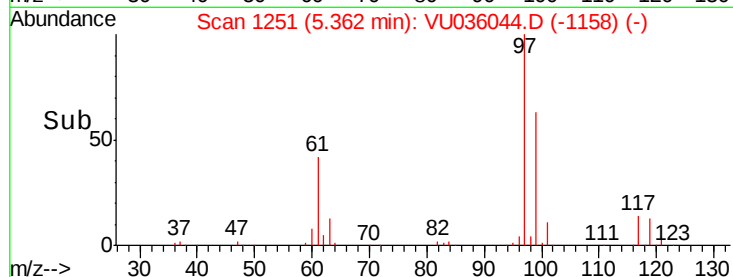
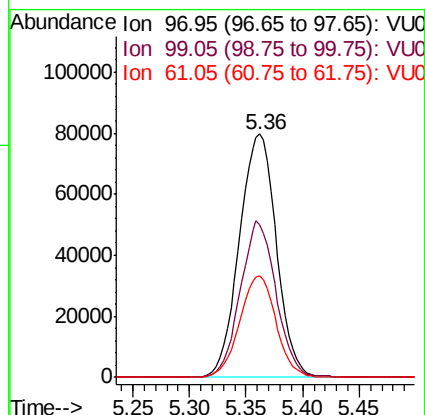
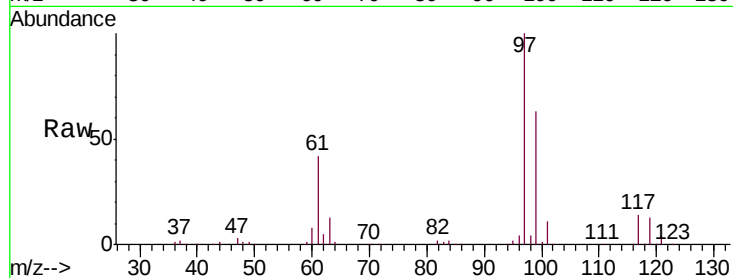




#29
1,1,1-Trichloroethane
Concen: 5.101 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VU036044.D
Acq: 09 Dec 2019 13:08

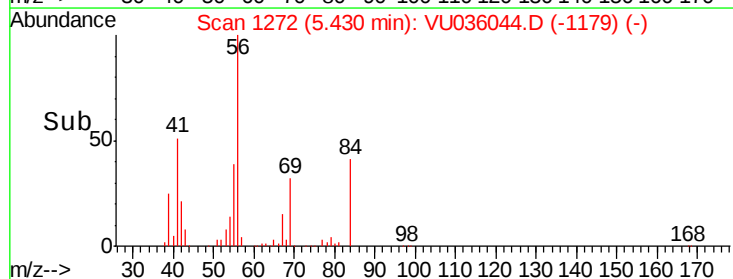
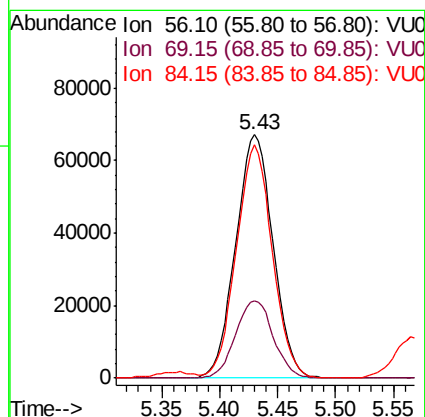
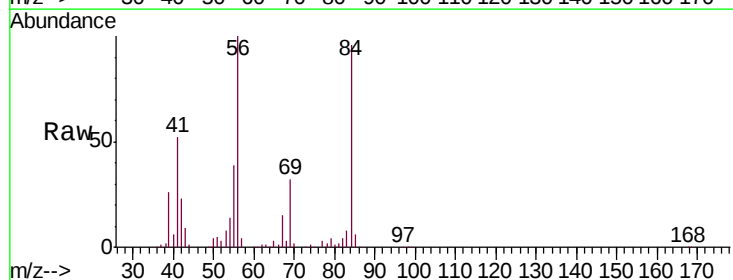
Instrument :
MSVOA_U
ClientSampleId :
VICV04

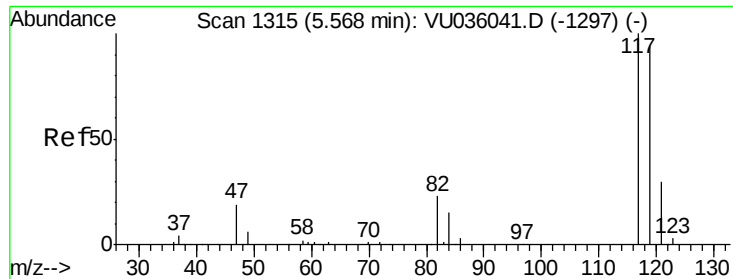
Tgt Ion: 97 Resp: 181636
Ion Ratio Lower Upper
97 100
99 62.0 52.2 78.2
61 40.9 34.7 52.1



#30
Cyclohexane
Concen: 5.378 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU036044.D
Acq: 09 Dec 2019 13:08

Tgt Ion: 56 Resp: 150330
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.0
84 92.4 74.5 111.7





#31

Carbon tetrachloride

Concen: 4.983 ug/L

RT: 5.56 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU036044.D

Acq: 09 Dec 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

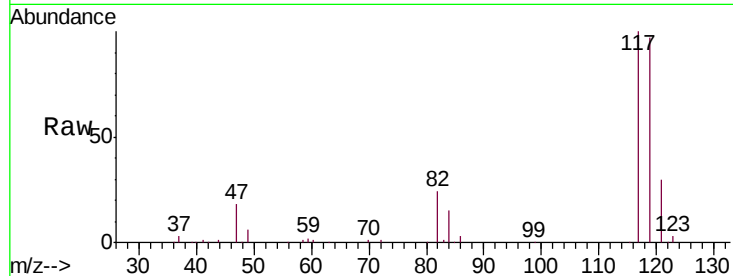
VICV04

Tgt Ion:117 Resp: 160430

Ion Ratio Lower Upper

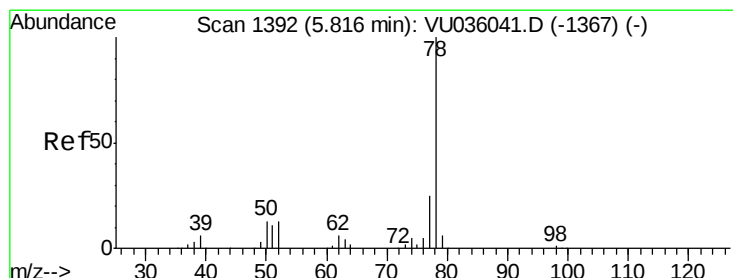
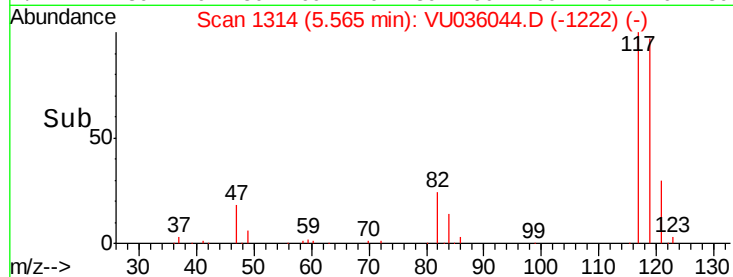
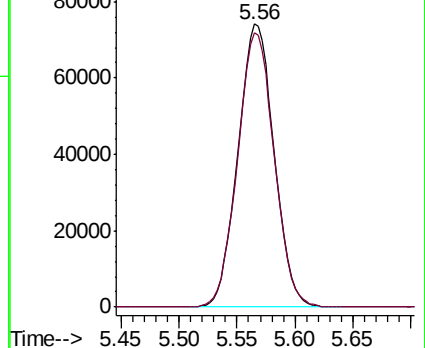
117 100

119 97.8 78.2 117.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.108 ug/L

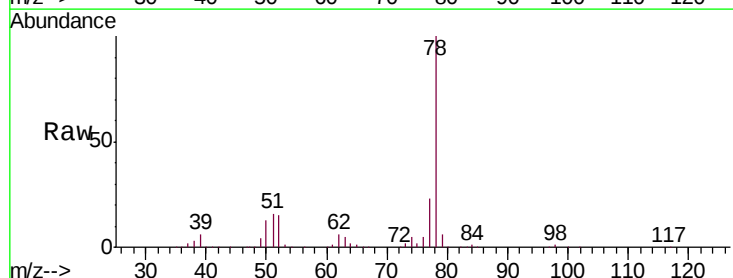
RT: 5.82 min Scan# 1392

Delta R.T. -0.00 min

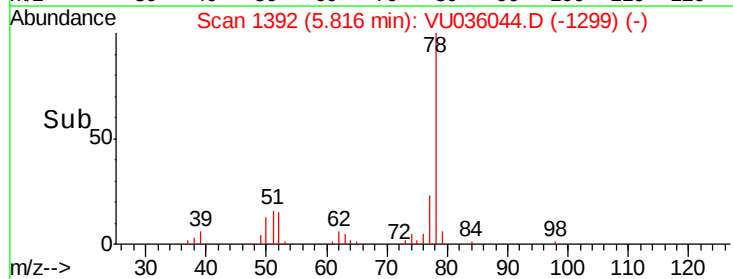
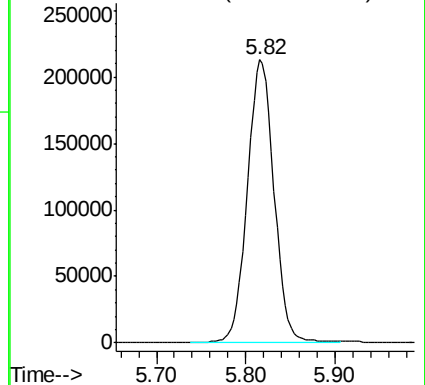
Lab File: VU036044.D

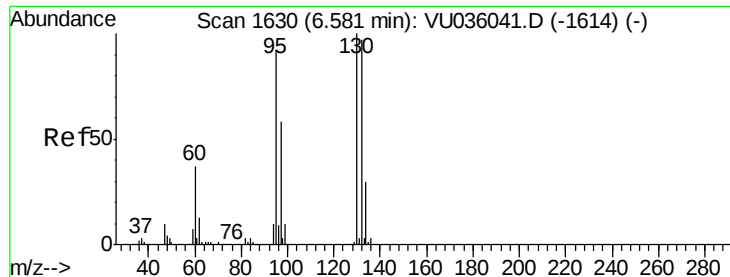
Acq: 09 Dec 2019 13:08

Tgt Ion: 78 Resp: 441033



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 5.037 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU036044.D

Acq: 09 Dec 2019 13:08

Instrument :

MSVOA_U

ClientSampleId :

VICV04

Tgt Ion: 95 Resp: 115462

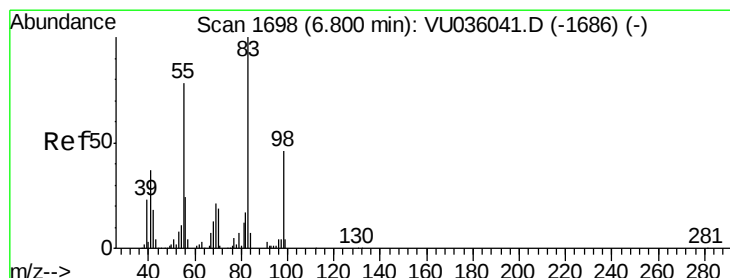
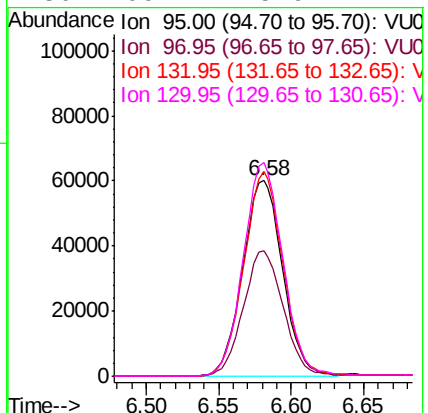
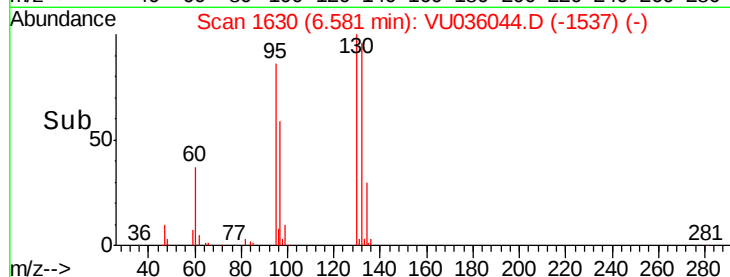
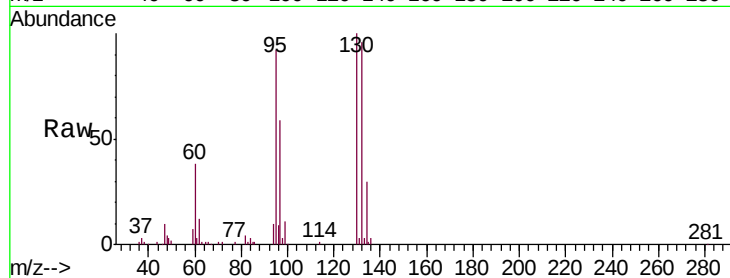
Ion Ratio Lower Upper

95 100

97 64.2 44.4 82.4

132 104.5 73.4 136.4

130 109.1 75.9 141.1



#35

Methylcyclohexane

Concen: 5.402 ug/L

RT: 6.80 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VU036044.D

Acq: 09 Dec 2019 13:08

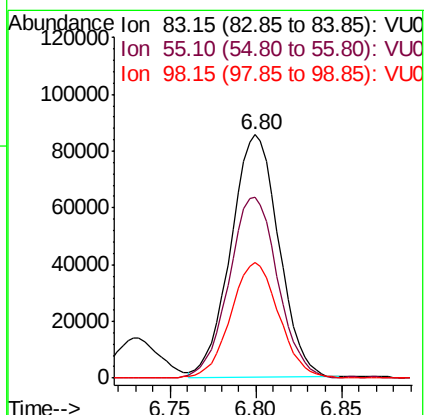
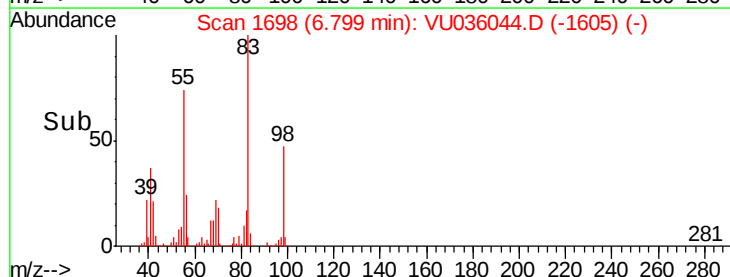
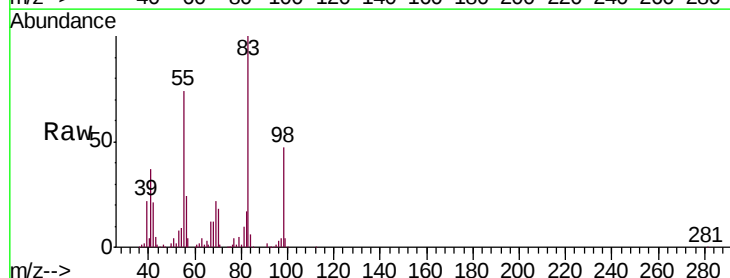
Tgt Ion: 83 Resp: 166147

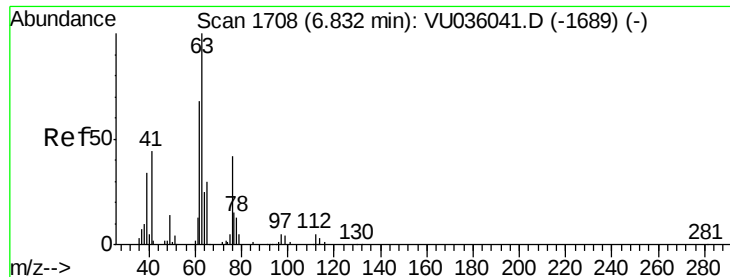
Ion Ratio Lower Upper

83 100

55 76.0 62.1 93.1

98 48.0 37.0 55.4

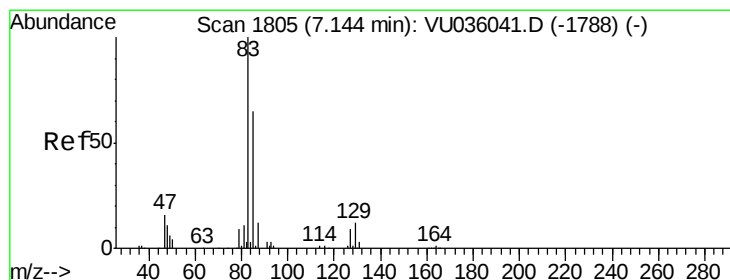
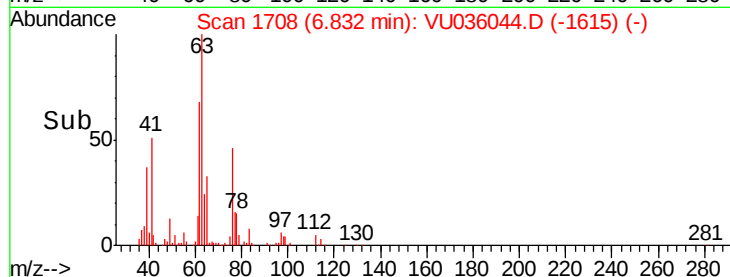
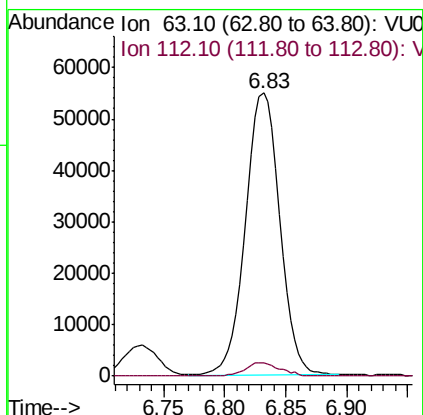
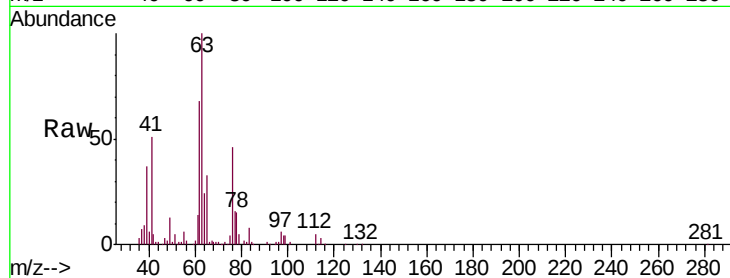




#37
 1,2-Dichloropropane
 Concen: 4.932 ug/L
 RT: 6.83 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: VU036044.D
 Acq: 09 Dec 2019 13:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV04

Tgt Ion: 63 Resp: 106824
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.8 5.8



#38
 Bromodichloromethane
 Concen: 5.064 ug/L
 RT: 7.14 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VU036044.D
 Acq: 09 Dec 2019 13:08

Tgt Ion: 83 Resp: 147397
 Ion Ratio Lower Upper
 83 100
 85 65.6 45.2 84.0
 127 9.2 7.4 11.2

