

Data File : VU036553.D
Acq On : 24 Jan 2020 13:53
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV606

Quant Time: Jan 24 23:22:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 24 23:19:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	166215	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	154321	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	76648	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	44292	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.93	69	39568	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.58	65	18211	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.69	46	105286	52.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.56%
24) Chloroform-d	5.11	84	84951	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	43416	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.76	84	181871	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.73	67	57231	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	179900	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.21	79	23561	5.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.20%
46) 2-Hexanone-d5	8.67	63	109624	52.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.36%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	45782	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
66) 1,2-Dichlorobenzene-d4	12.21	152	66253	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	75629	6.205	ug/L 100
3) Chloromethane	1.53	50	73651	5.722	ug/L 99
5) Vinyl chloride	1.61	62	89565	6.411	ug/L 98
6) Bromomethane	1.87	94	47948	5.908	ug/L 97
8) Chloroethane	1.95	64	43630	5.049	ug/L 97
9) Trichlorofluoromethane	2.15	101	83460	5.136	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	53416	5.331	ug/L 99
12) 1,1-Dichloroethene	2.60	96	54106	5.446	ug/L 100
13) Acetone	2.68	43	76458	50.933	ug/L 99
14) Carbon disulfide	2.82	76	172587	5.522	ug/L 100
15) Methyl Acetate	3.00	43	19334	5.039	ug/L 100
16) Methylene chloride	3.08	84	64720	4.789	ug/L 98
17) Methyl tert-butyl Ether	3.41	73	132378	5.305	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	58261	5.459	ug/L 99
19) 1,1-Dichloroethane	3.91	63	99278	5.331	ug/L 99
21) 2-Butanone	4.77	43	134252	55.306	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	64433	5.412	ug/L 97

Data File : VU036553.D
Acq On : 24 Jan 2020 13:53
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV606

Quant Time: Jan 24 23:22:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 24 23:19:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	28281	5.643	ug/L	99
25) Chloroform	5.13	83	100126	5.394	ug/L	100
27) 1,2-Dichloroethane	5.84	62	63495	5.454	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	84751	5.500	ug/L	99
30) Cyclohexane	5.42	56	95510	5.431	ug/L	100
31) Carbon tetrachloride	5.56	117	72098	5.517	ug/L	98
33) Benzene	5.81	78	235400	5.428	ug/L	100
34) Trichloroethene	6.58	95	62639	5.453	ug/L	99
35) Methylcyclohexane	6.80	83	109340	5.556	ug/L	99
37) 1,2-Dichloropropane	6.83	63	58440	5.419	ug/L	100
38) Bromodichloromethane	7.14	83	71877	5.456	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	92220	5.545	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	333045	54.912	ug/L	99
42) Toluene	8.00	91	263599	5.504	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	74740	5.838	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	43718	5.479	ug/L	98
47) Tetrachloroethene	8.58	164	51633	5.521	ug/L	98
48) 2-Hexanone	8.72	43	238872	57.088	ug/L	99
49) Dibromochloromethane	8.84	129	51492	5.640	ug/L	100
50) 1,2-Dibromoethane	8.95	107	42632	5.488	ug/L	98
51) Chlorobenzene	9.47	112	169617	5.514	ug/L	99
52) Ethylbenzene	9.60	91	285902	5.482	ug/L	99
53) m,p-Xylene	9.72	106	112419	5.557	ug/L	95
54) o-Xylene	10.12	106	108219	5.459	ug/L	97
55) Styrene	10.14	104	180617	5.550	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.81	83	55319	5.531	ug/L	98
59) Bromoform	10.32	173	28635	5.560	ug/L	99
60) Isopropylbenzene	10.51	105	283917	5.480	ug/L	100
61) 1,2,3-Trichloropropane	10.85	75	38138	5.345	ug/L	98
62) 1,3,5-Trimethylbenzene	11.11	105	245253	5.523	ug/L	99
63) 1,2,4-Trimethylbenzene	11.49	105	249220	5.656	ug/L	99
64) 1,3-Dichlorobenzene	11.77	146	134123	5.552	ug/L	98
65) 1,4-Dichlorobenzene	11.86	146	131278	5.431	ug/L	99
67) 1,2-Dichlorobenzene	12.23	146	127717	5.535	ug/L	99
68) 1,2-Dibromo-3-chloropropan	13.02	75	8316	5.501	ug/L	96
69) 1,3,5-Trichlorobenzene	13.24	180	103545	5.579	ug/L	99
70) 1,2,4-trichlorobenzene	13.86	180	81393	6.035	ug/L	100
71) Naphthalene	14.10	128	135645	7.051	ug/L	99
72) 1,2,3-Trichlorobenzene	14.35	180	75226	6.170	ug/L	99

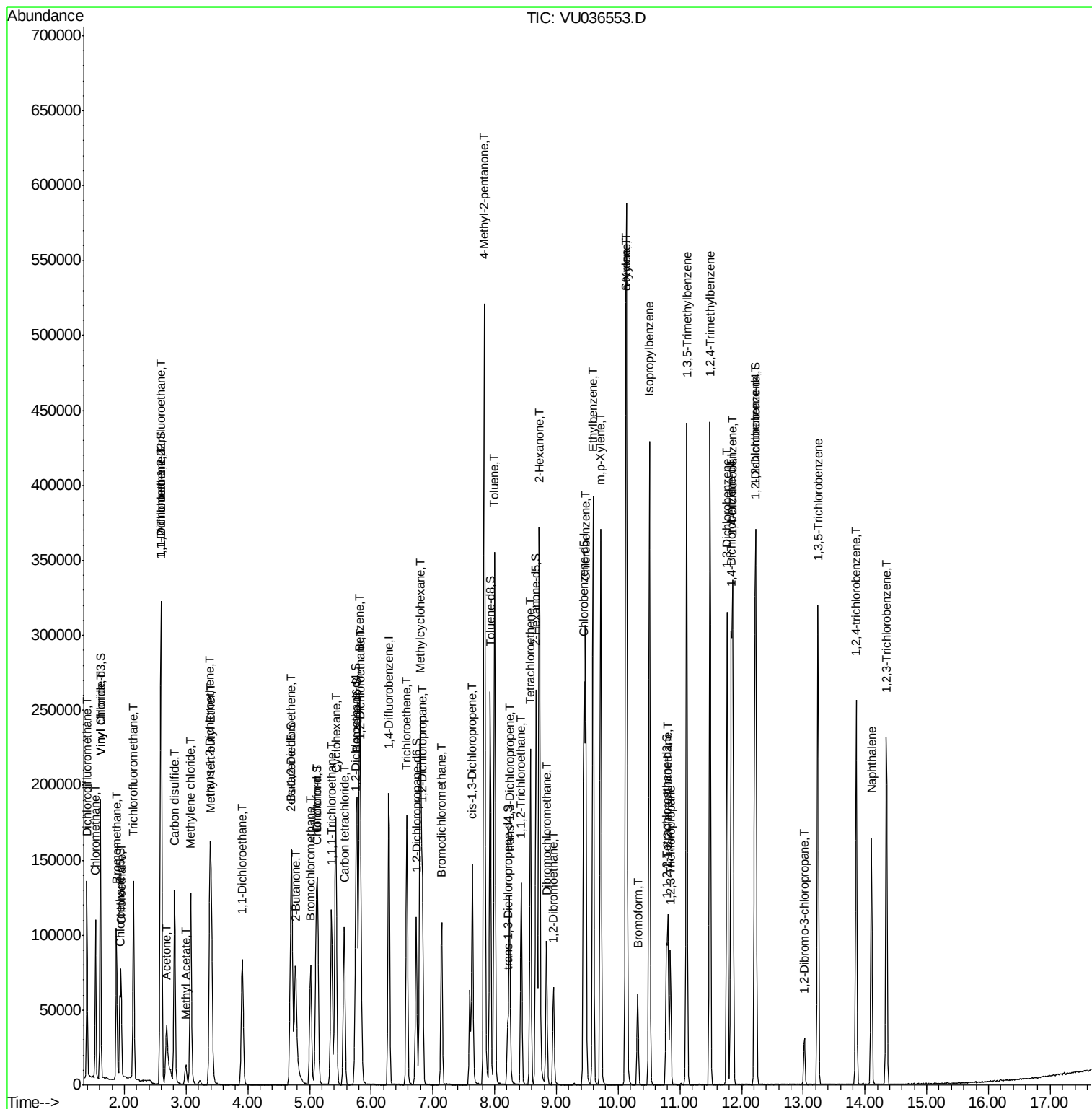
(#) = qualifier out of range (m) = manual integration (+) = signals summed

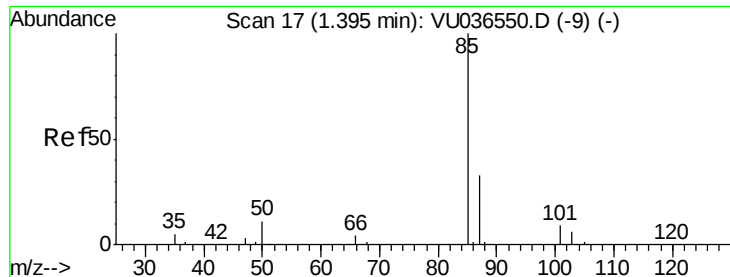
Data File : VU036553.D

```
Acq On       : 24 Jan 2020   13:53
Operator     : JC/MD
Sample       : VSTDICV005
Misc         : 25.0mL/MSV0A_U/WATER
ALS Vial     : 7   Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VICV606

Quant Time: Jan 24 23:22:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 24 23:19:07 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 6.205 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

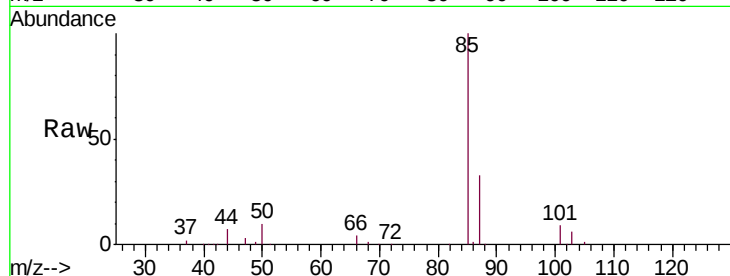
VICV606

Tgt Ion: 85 Resp: 75629

Ion Ratio Lower Upper

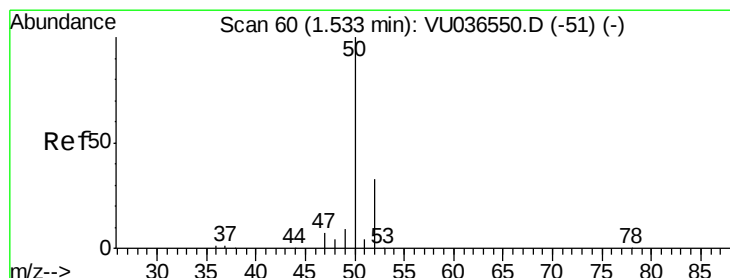
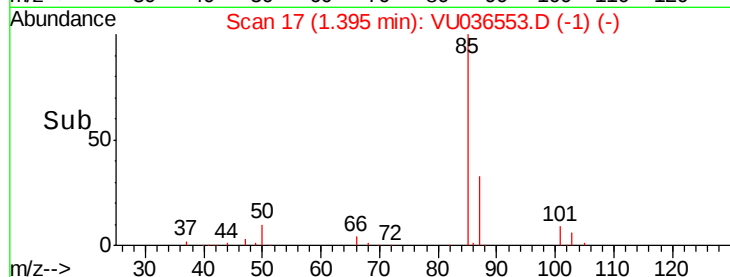
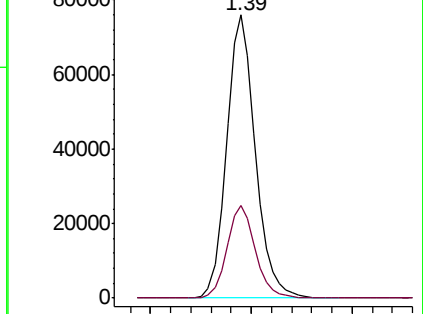
85 100

87 32.3 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VU036550.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU036550.D (-9) (-)



#3

Chloromethane

Concen: 5.722 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU036553.D

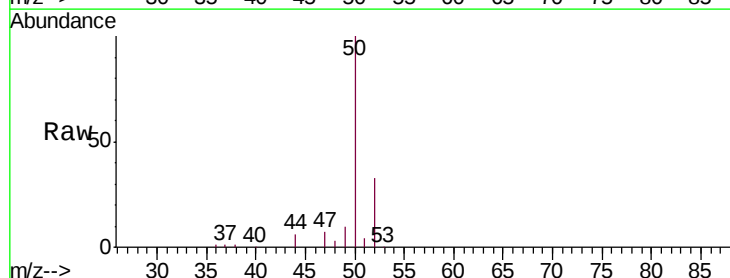
Acq: 24 Jan 2020 13:53

Tgt Ion: 50 Resp: 73651

Ion Ratio Lower Upper

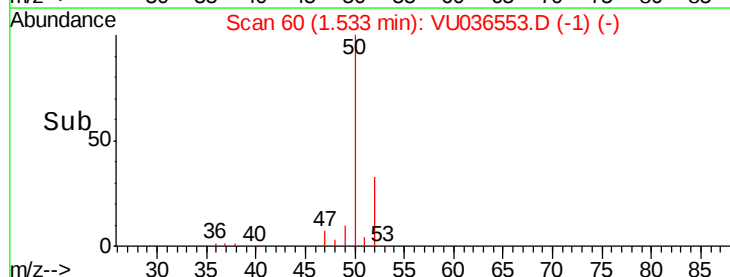
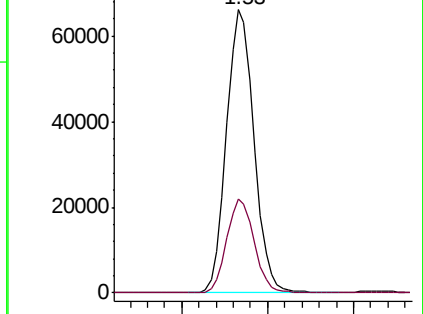
50 100

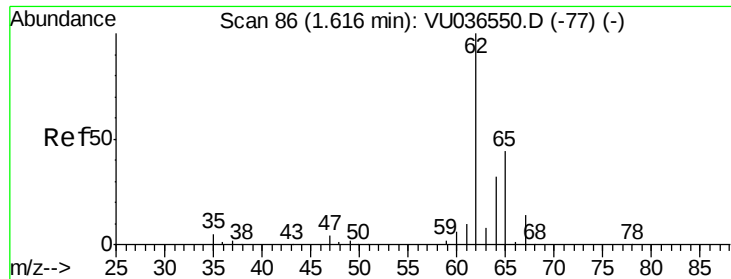
52 33.1 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VU036550.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU036550.D (-51) (-)





#5

Vinyl chloride

Concen: 6.411 ug/L

RT: 1.61 min Scan# 85

Delta R.T. -0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

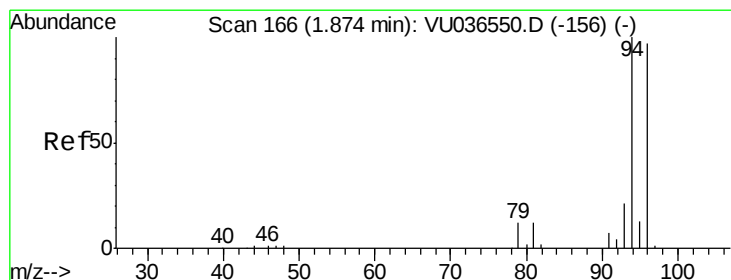
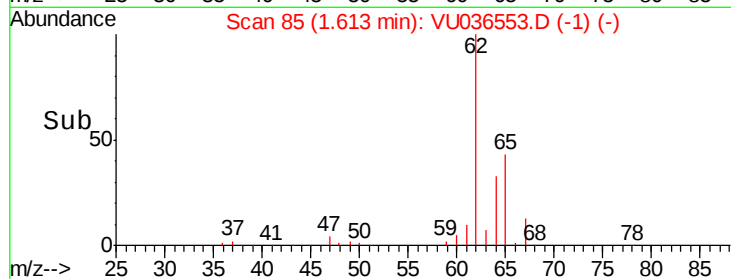
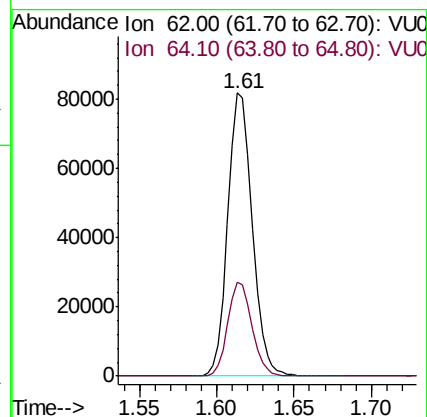
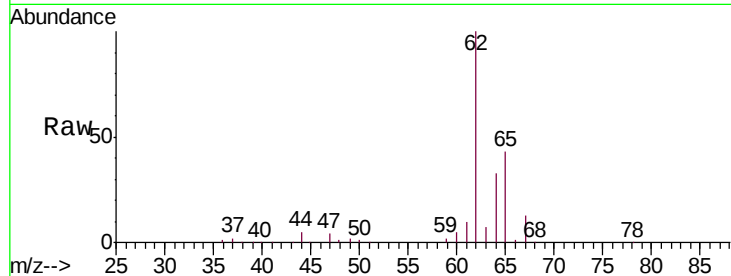
VICV606

Tgt Ion: 62 Resp: 89565

Ion Ratio Lower Upper

62 100

64 33.3 22.6 42.0



#6

Bromomethane

Concen: 5.908 ug/L

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU036553.D

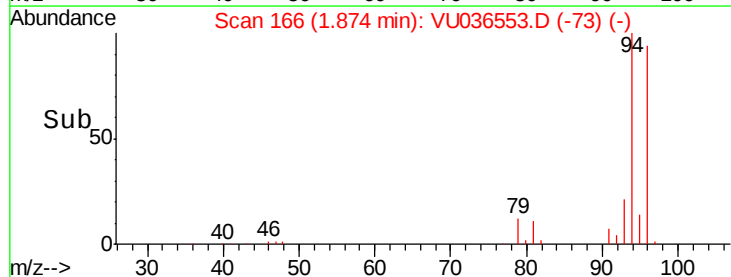
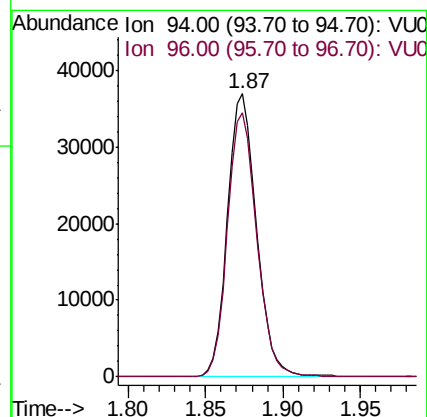
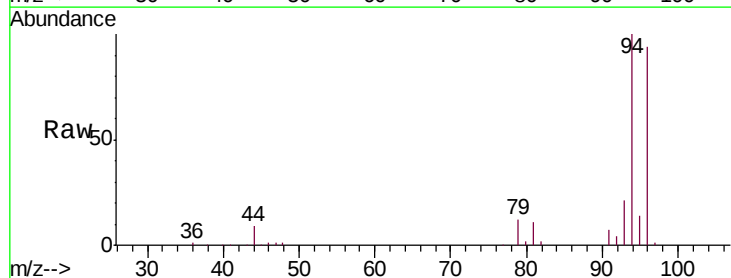
Acq: 24 Jan 2020 13:53

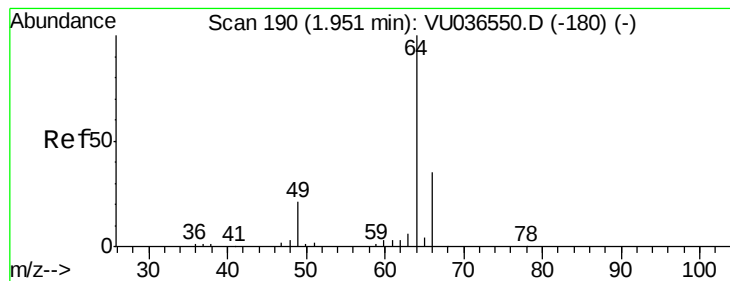
Tgt Ion: 94 Resp: 47948

Ion Ratio Lower Upper

94 100

96 93.5 67.6 125.6





#8

Chloroethane

Concen: 5.049 ug/L

RT: 1.95 min Scan# 189

Delta R.T. -0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

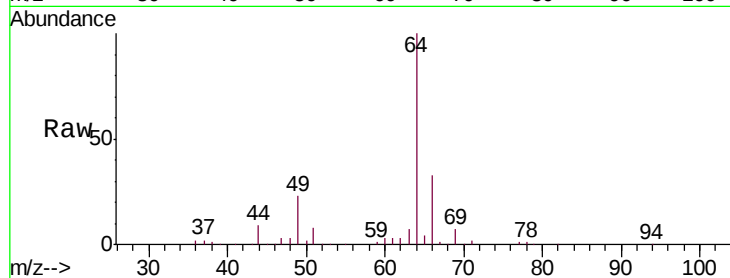
VICV606

Tgt Ion: 64 Resp: 43630

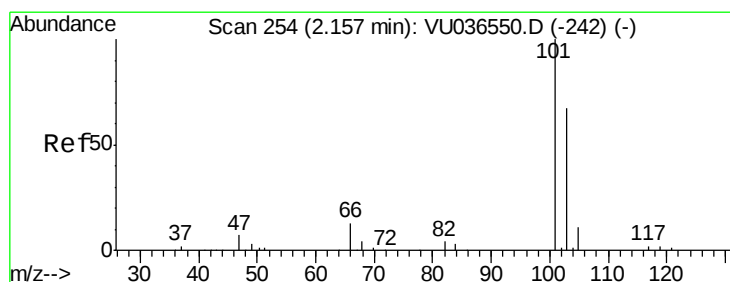
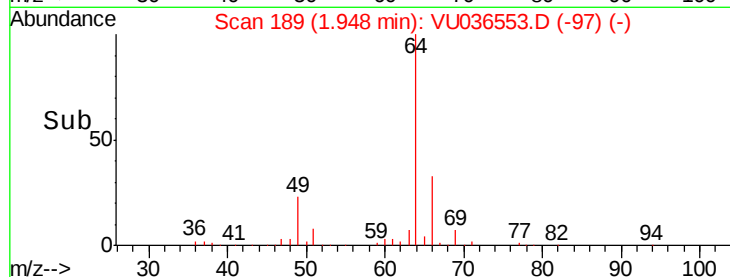
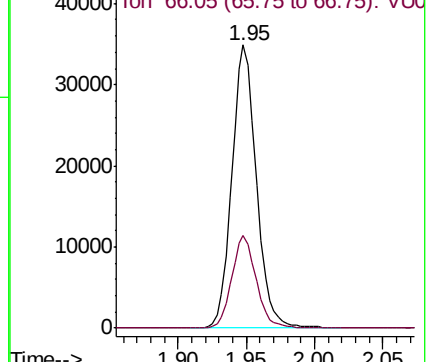
Ion Ratio Lower Upper

64 100

66 32.5 24.1 44.8



Abundance Ion 64.10 (63.80 to 64.80): VU036553.D (-180) (-)



#9

Trichlorofluoromethane

Concen: 5.136 ug/L

RT: 2.15 min Scan# 252

Delta R.T. -0.01 min

Lab File: VU036553.D

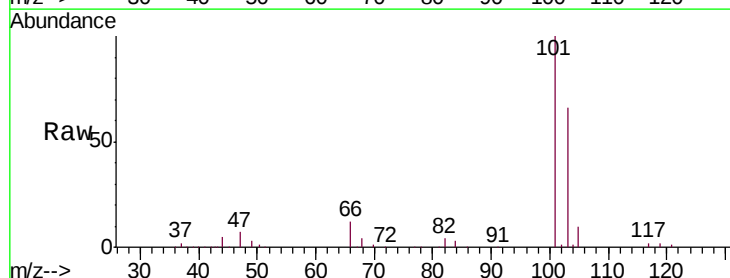
Acq: 24 Jan 2020 13:53

Tgt Ion: 101 Resp: 83460

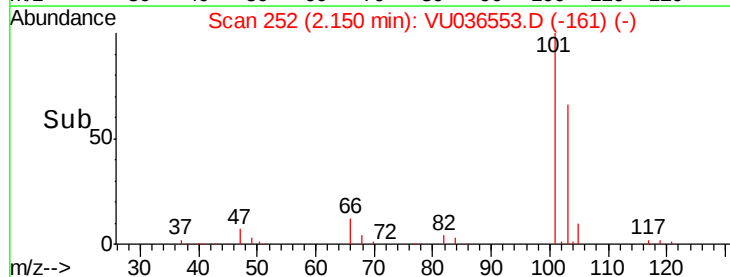
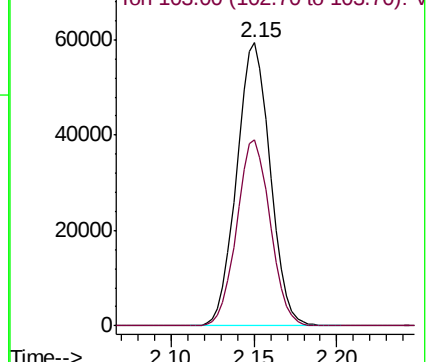
Ion Ratio Lower Upper

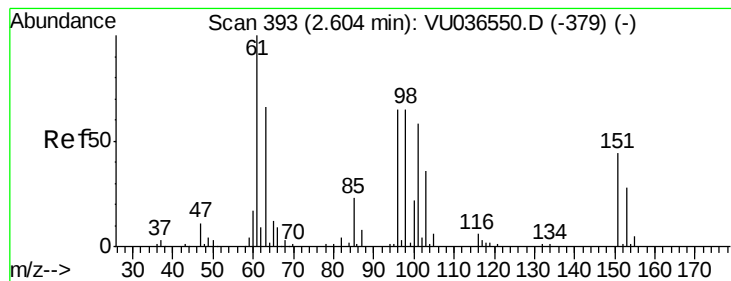
101 100

103 65.5 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): VU036553.D (-161) (-)





#10

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

Concen: 5.331 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VICV606

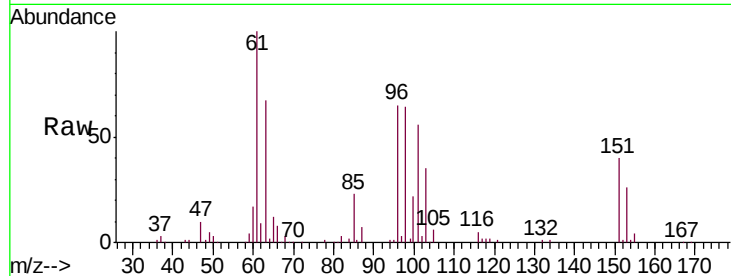
Tgt Ion: 101 Resp: 53416

Ion Ratio Lower Upper

101 100

85 40.7 32.2 48.4

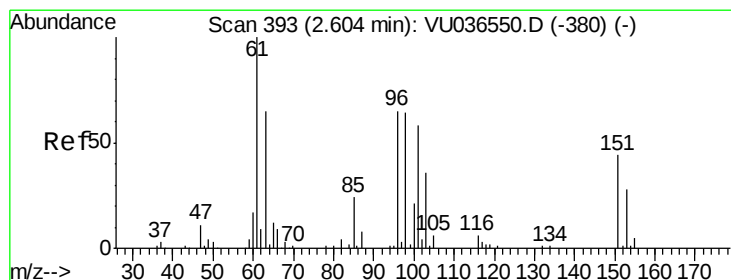
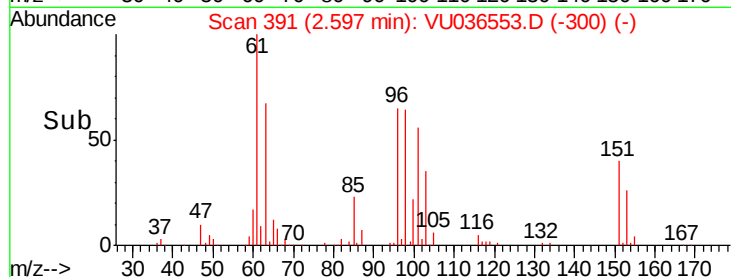
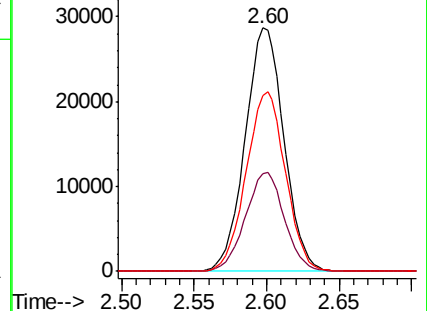
151 74.6 59.2 88.8



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: 5.446 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

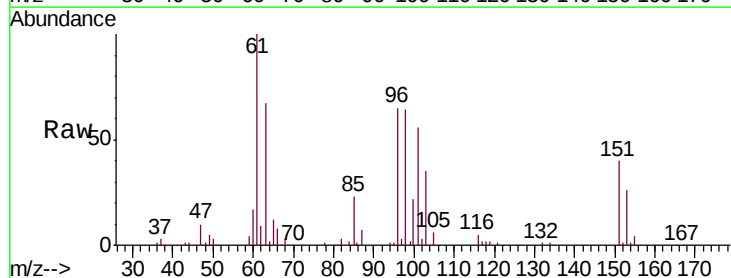
Tgt Ion: 96 Resp: 54106

Ion Ratio Lower Upper

96 100

61 154.5 108.2 201.0

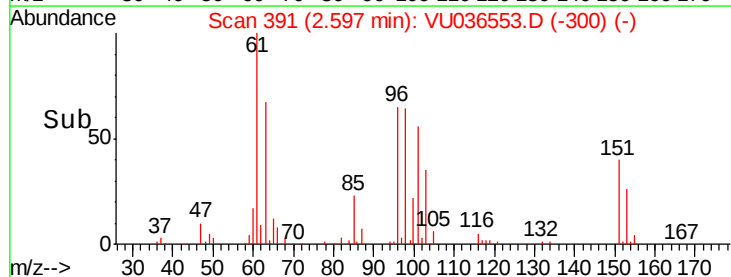
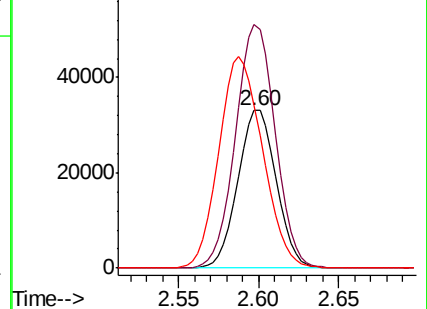
63 103.1 72.0 133.8

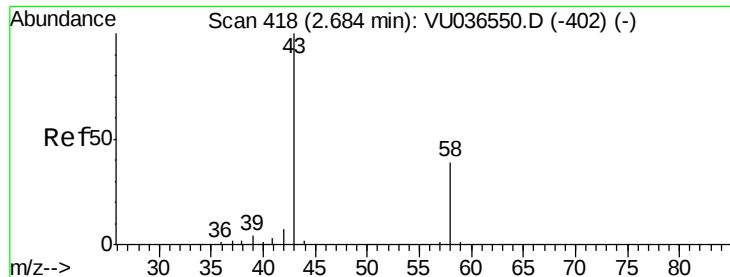


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 50.933 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

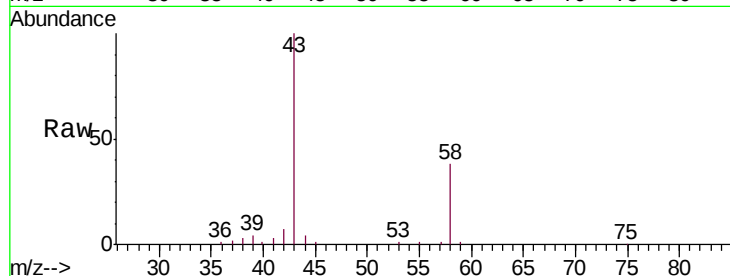
VICV606

Tgt Ion: 43 Resp: 76458

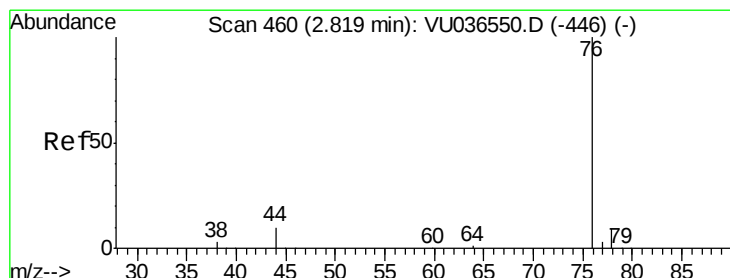
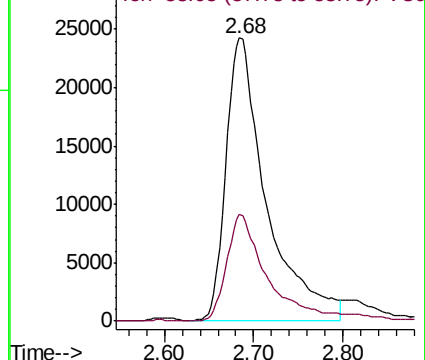
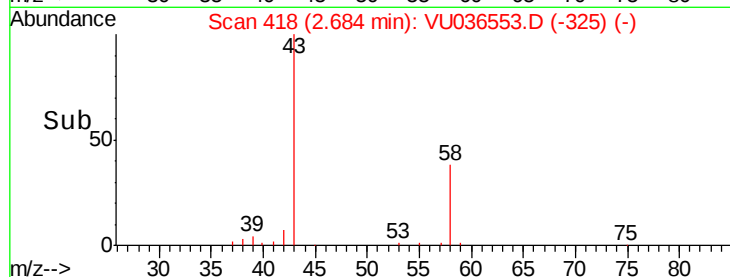
Ion Ratio Lower Upper

43 100

58 36.7 0.0 74.0



Abundance Ion 43.05 (42.75 to 43.75): VU036553.D (-325) (-)



#14

Carbon disulfide

Concen: 5.522 ug/L

RT: 2.82 min Scan# 459

Delta R.T. -0.00 min

Lab File: VU036553.D

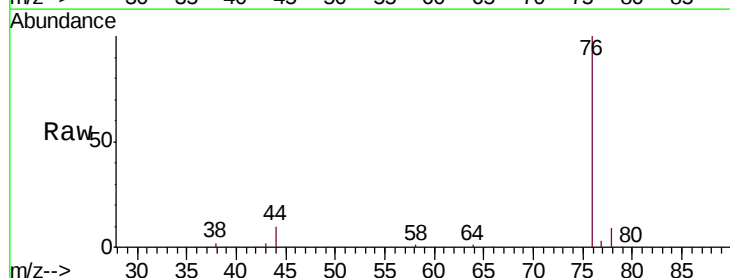
Acq: 24 Jan 2020 13:53

Tgt Ion: 76 Resp: 172587

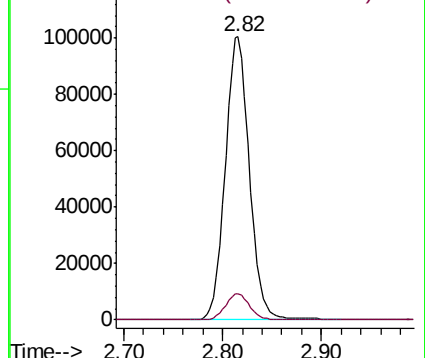
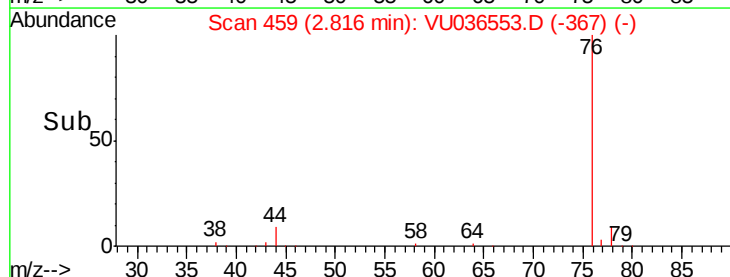
Ion Ratio Lower Upper

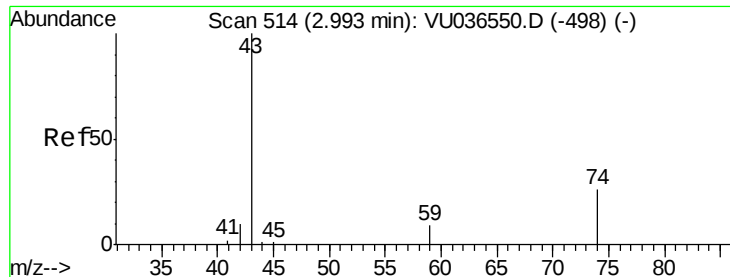
76 100

78 9.3 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU036553.D (-367) (-)





#15

Methyl Acetate

Concen: 5.039 ug/L

RT: 3.00 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

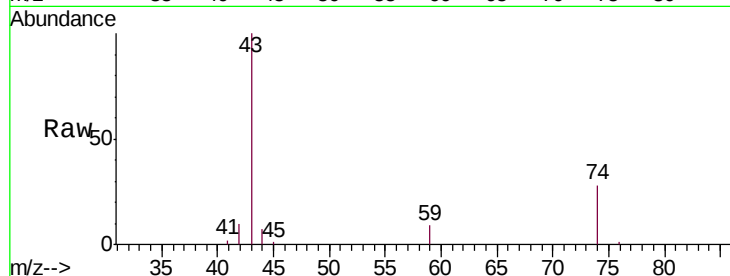
VICV606

Tgt Ion: 43 Resp: 19334

Ion Ratio Lower Upper

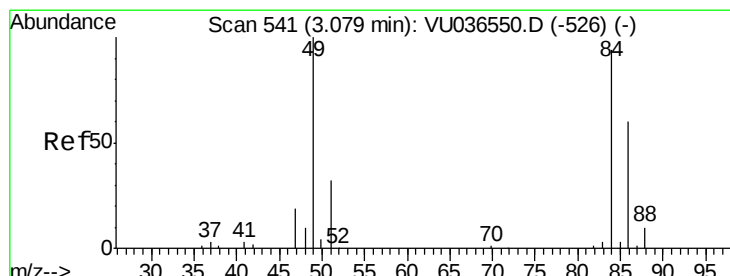
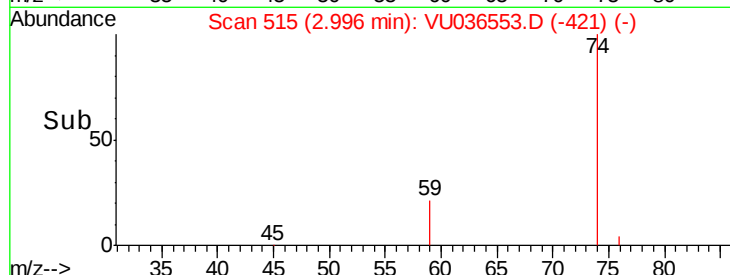
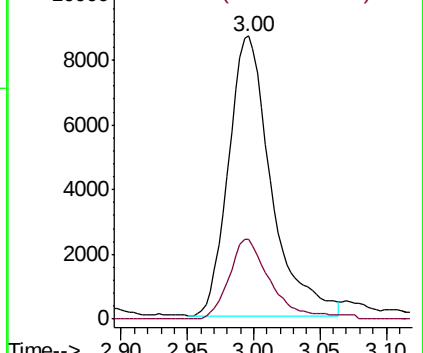
43 100

74 28.3 22.7 34.1



Abundance Ion 43.05 (42.75 to 43.75): VU036553.D (-421) (-)

Ion 74.05 (73.75 to 74.75): VU036553.D (-421) (-)



#16

Methylene chloride

Concen: 4.789 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

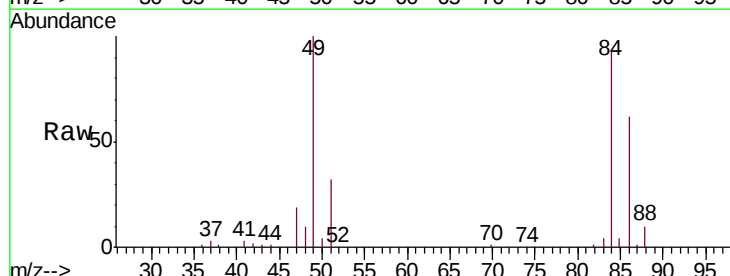
Tgt Ion: 84 Resp: 64720

Ion Ratio Lower Upper

84 100

86 67.0 44.8 83.2

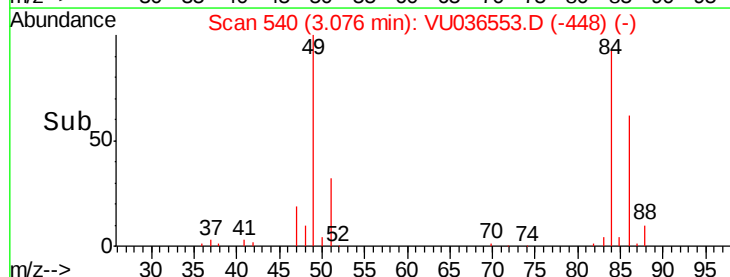
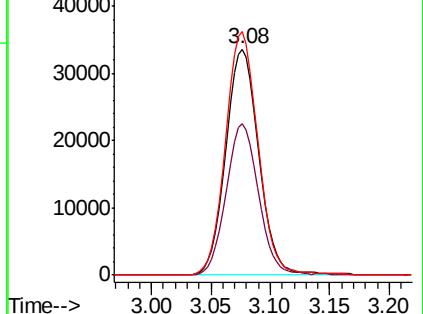
49 107.8 74.8 139.0

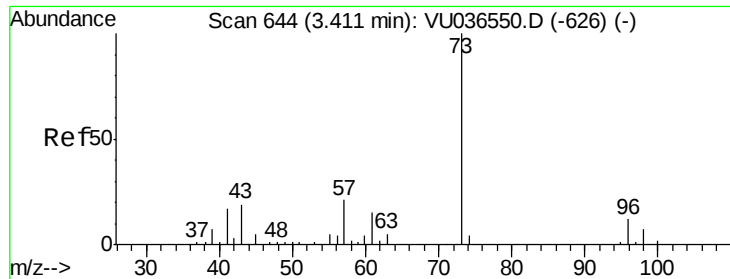


Abundance Ion 84.05 (83.75 to 84.75): VU036553.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU036553.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU036553.D (-448) (-)

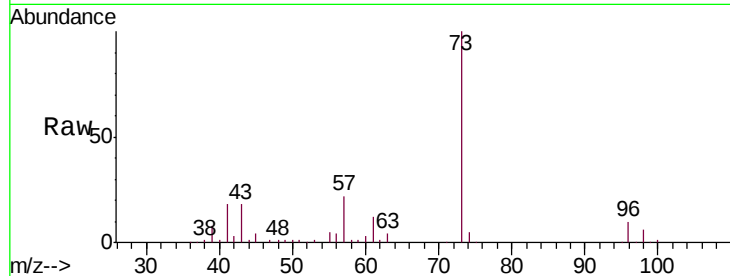




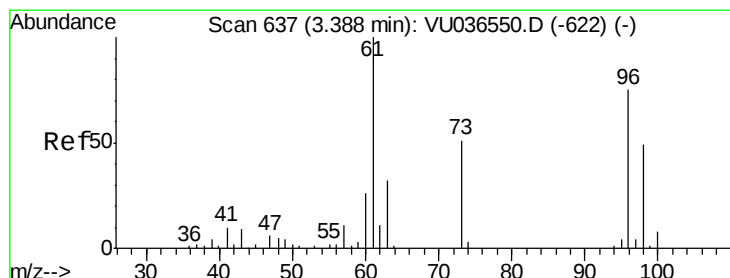
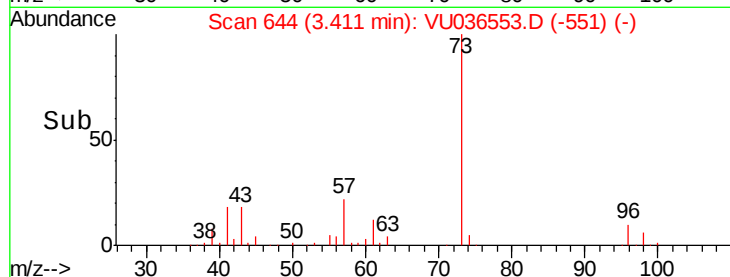
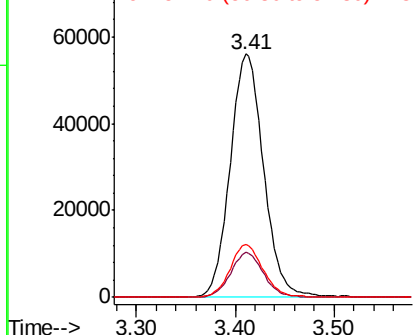
#17
Methyl tert-butyl Ether
Concen: 5.305 ug/L
RT: 3.41 min Scan# 644
Delta R.T. 0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

Instrument :
MSVOA_U
ClientSampleId :
VICV606

Tgt Ion: 73 Resp: 132378
Ion Ratio Lower Upper
73 100
43 18.2 14.6 21.8
57 21.4 17.0 25.6

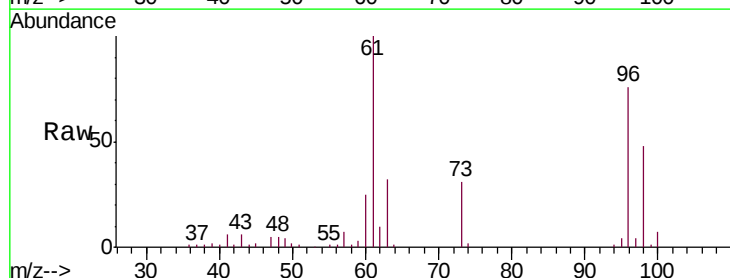


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

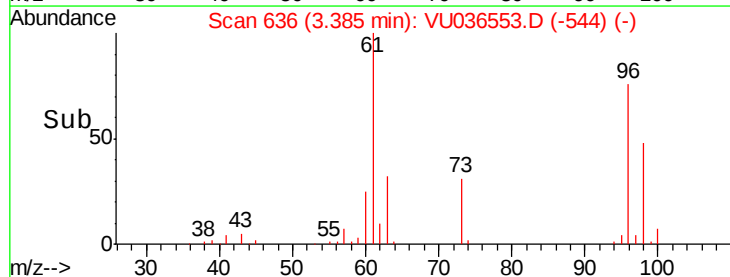
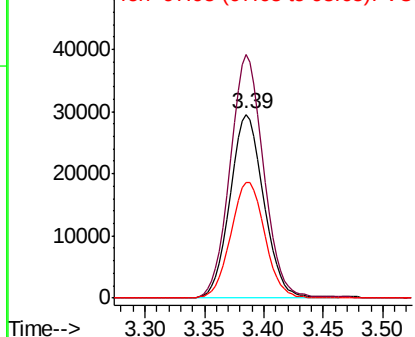


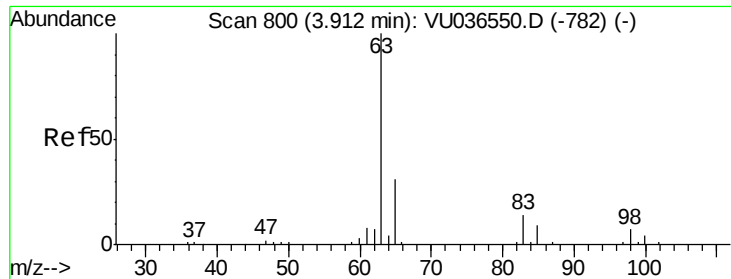
#18
trans-1,2-Dichloroethene
Concen: 5.459 ug/L
RT: 3.39 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

Tgt Ion: 96 Resp: 58261
Ion Ratio Lower Upper
96 100
61 132.3 93.1 172.9
98 63.0 45.5 84.5



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

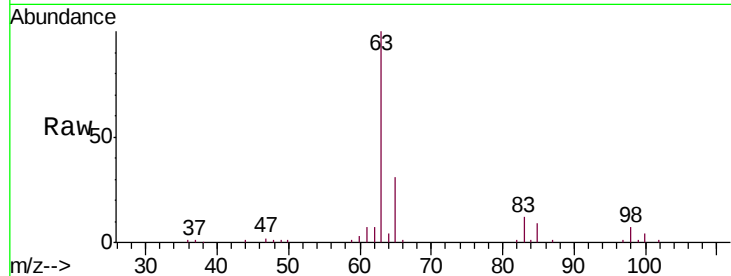




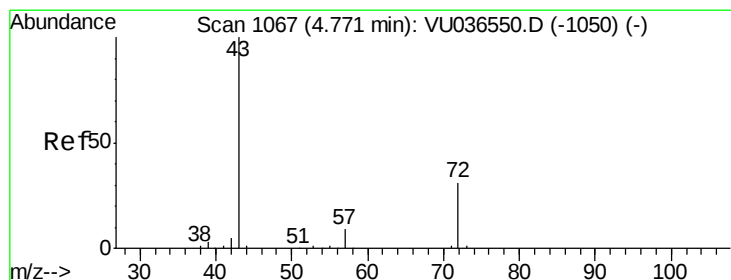
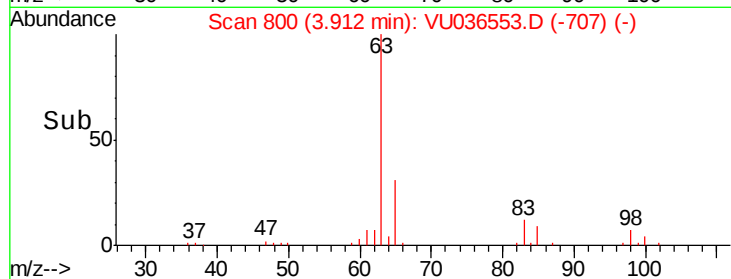
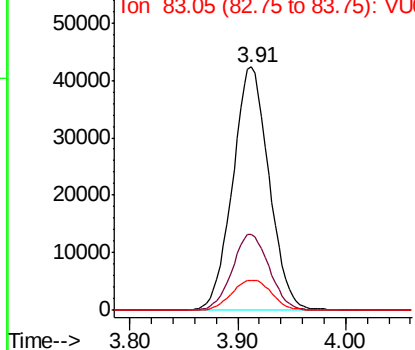
#19
 1,1-Dichloroethane
 Concen: 5.331 ug/L
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

Instrument :
 MSVOA_U
 ClientSampled :
 VICV606

Tgt Ion: 63 Resp: 99278
 Ion Ratio Lower Upper
 63 100
 65 31.4 21.8 40.6
 83 12.4 9.8 18.2

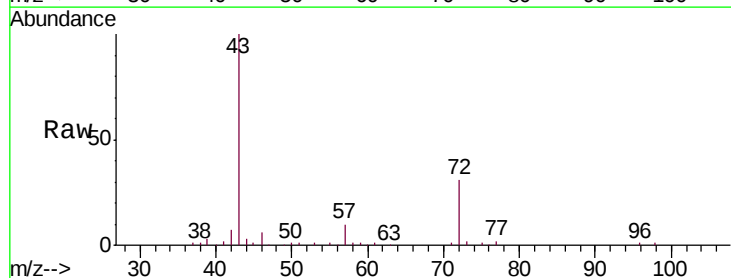


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

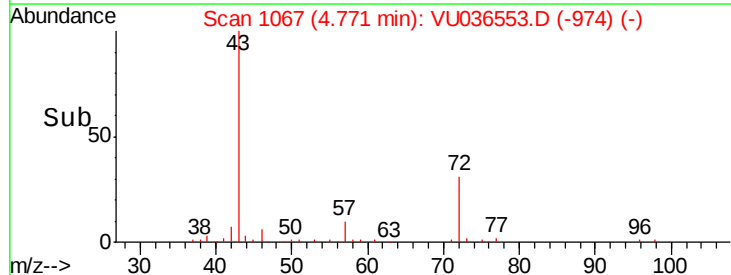
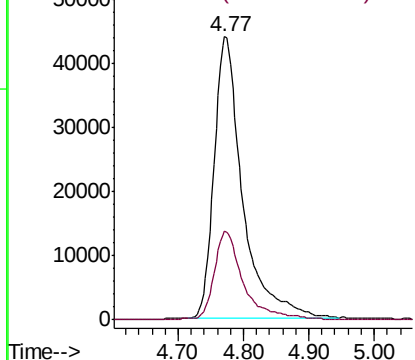


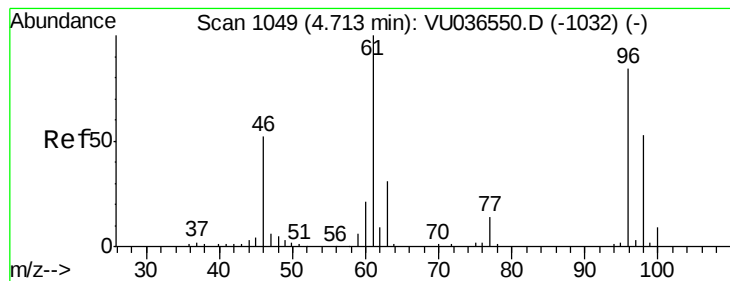
#21
 2-Butanone
 Concen: 55.306 ug/L
 RT: 4.77 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

Tgt Ion: 43 Resp: 134252
 Ion Ratio Lower Upper
 43 100
 72 31.0 15.4 46.4



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: 5.412 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VICV606

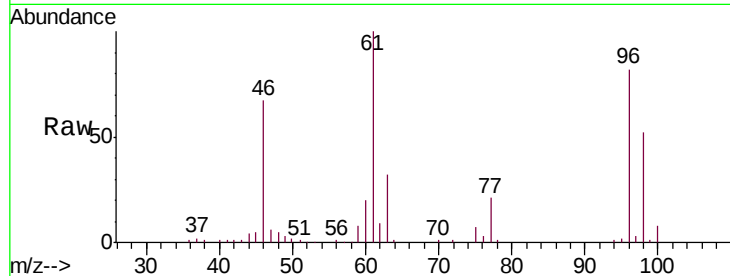
Tgt Ion: 96 Resp: 64433

Ion Ratio Lower Upper

96 100

61 121.8 83.0 154.1

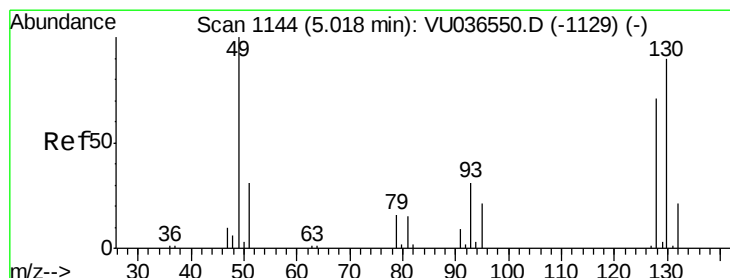
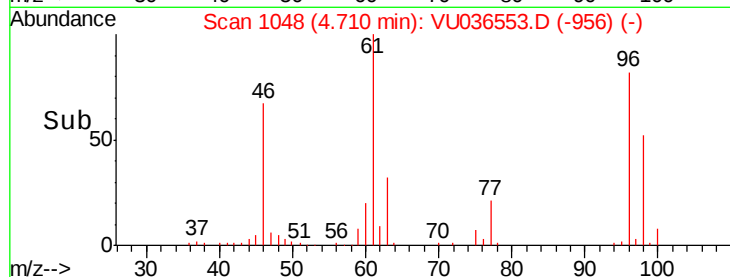
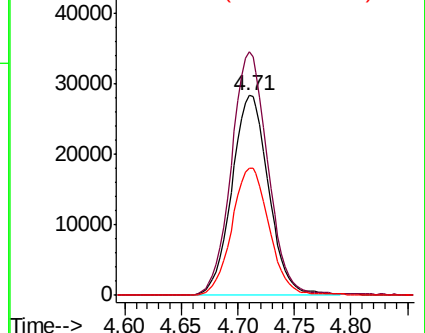
98 63.9 43.8 81.3



Abundance Ion 96.00 (95.70 to 96.70): VU036553.D (-956) (-)

Ion 61.05 (60.75 to 61.75): VU036553.D (-956) (-)

Ion 98.00 (97.70 to 98.70): VU036553.D (-956) (-)



#23

Bromochloromethane

Concen: 5.643 ug/L

RT: 5.02 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Tgt Ion: 128 Resp: 28281

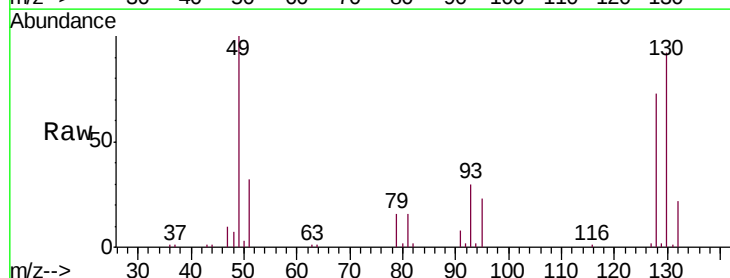
Ion Ratio Lower Upper

128 100

49 137.7 98.6 183.2

130 127.2 89.1 165.5

51 43.6 35.4 53.2

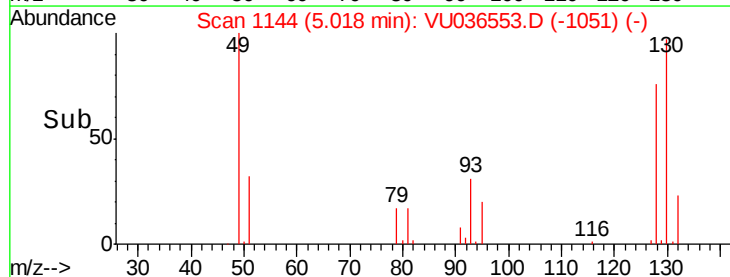
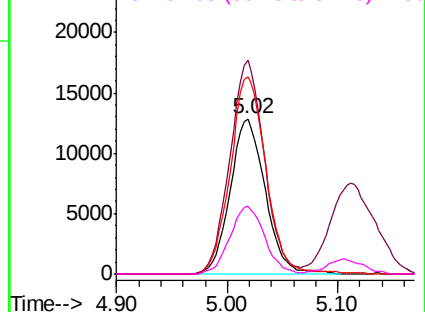


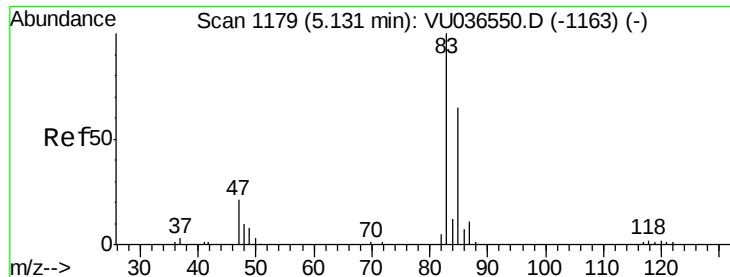
Abundance Ion 127.90 (127.60 to 128.60): VU036553.D (-1051) (-)

Ion 49.10 (48.80 to 49.80): VU036553.D (-1051) (-)

Ion 129.95 (129.65 to 130.65): VU036553.D (-1051) (-)

Ion 51.05 (50.75 to 51.75): VU036553.D (-1051) (-)

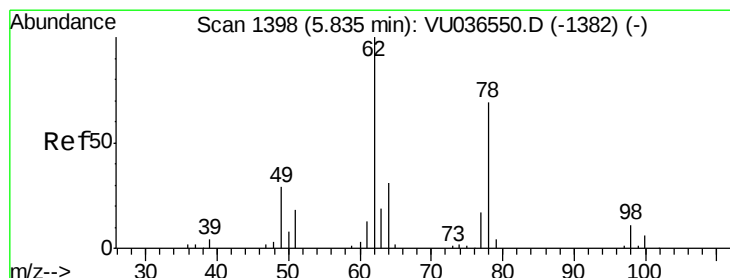
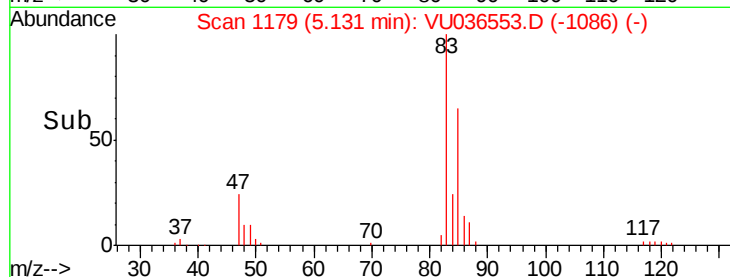
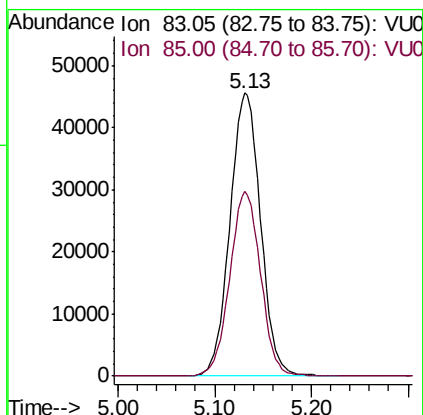
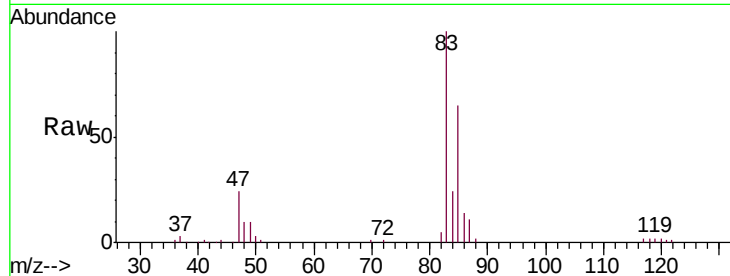




#25
Chloroform
Concen: 5.394 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

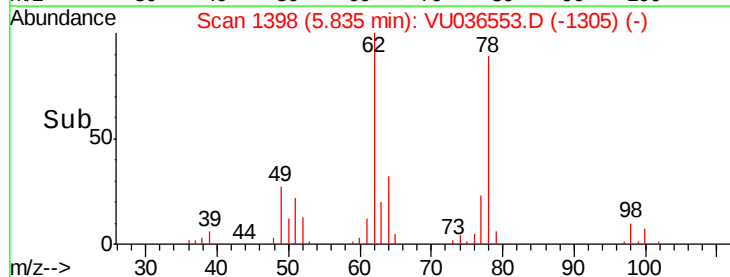
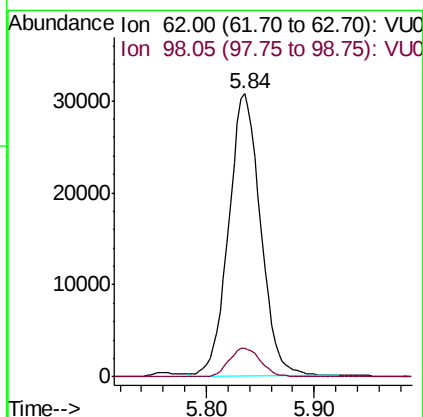
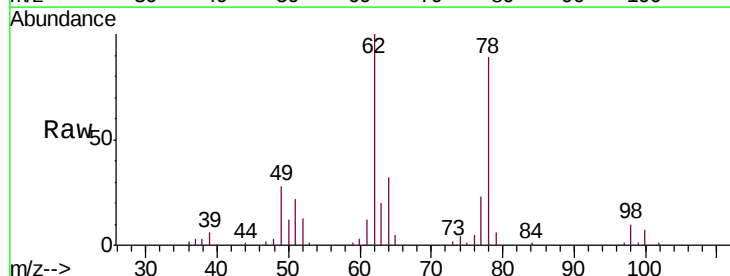
Instrument :
MSVOA_U
ClientSampleId :
VICV606

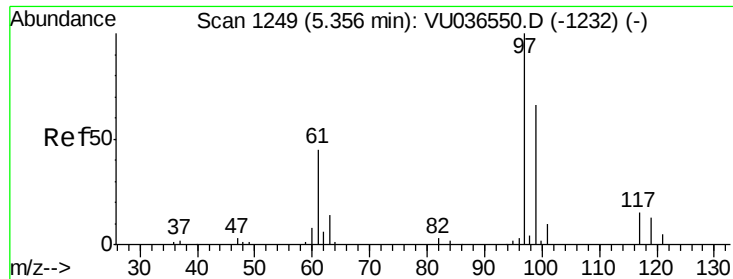
Tgt Ion: 83 Resp: 100126
Ion Ratio Lower Upper
83 100
85 65.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.454 ug/L
RT: 5.84 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

Tgt Ion: 62 Resp: 63495
Ion Ratio Lower Upper
62 100
98 10.1 8.5 12.7

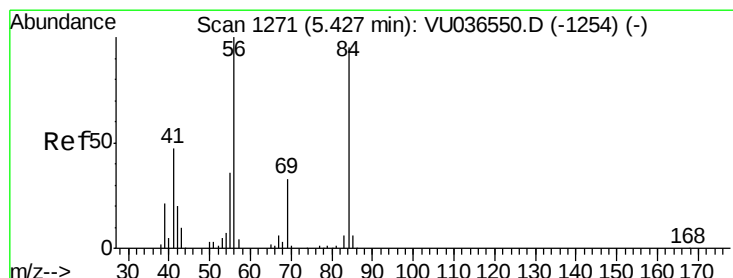
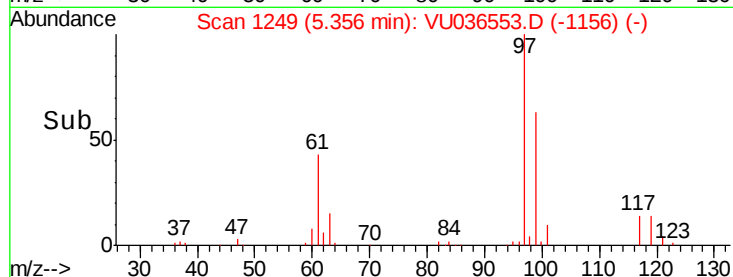
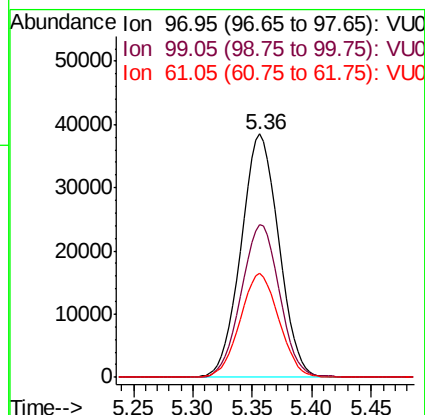
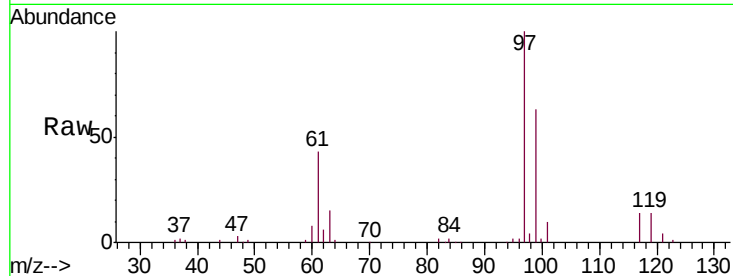




#29
 1,1,1-Trichloroethane
 Concen: 5.500 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

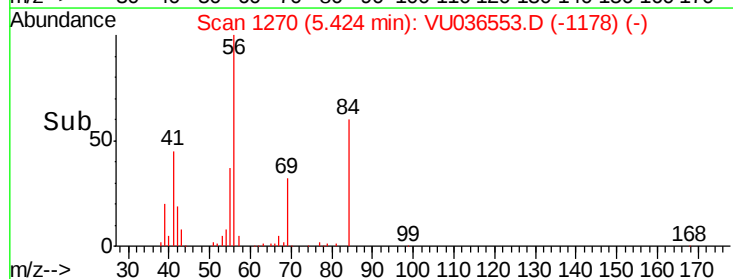
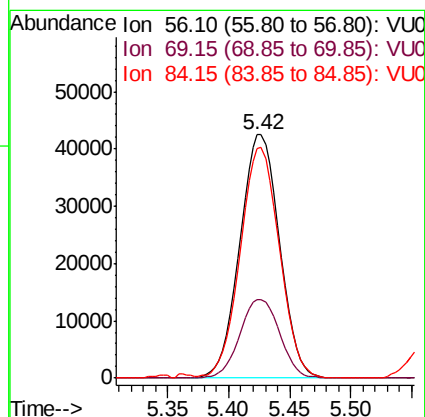
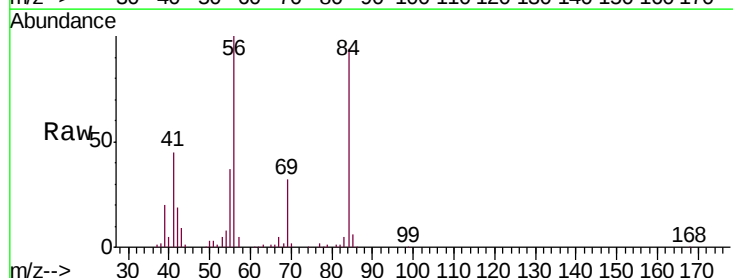
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV606

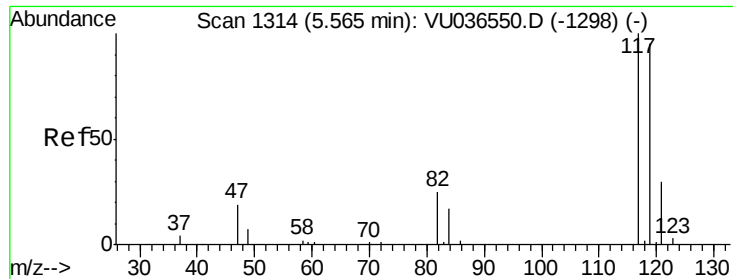
Tgt Ion: 97 Resp: 84751
 Ion Ratio Lower Upper
 97 100
 99 63.6 52.0 78.0
 61 43.8 35.6 53.4



#30
 Cyclohexane
 Concen: 5.431 ug/L
 RT: 5.42 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

Tgt Ion: 56 Resp: 95510
 Ion Ratio Lower Upper
 56 100
 69 32.4 25.7 38.5
 84 93.8 75.3 112.9





#31

Carbon tetrachloride

Concen: 5.517 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. -0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

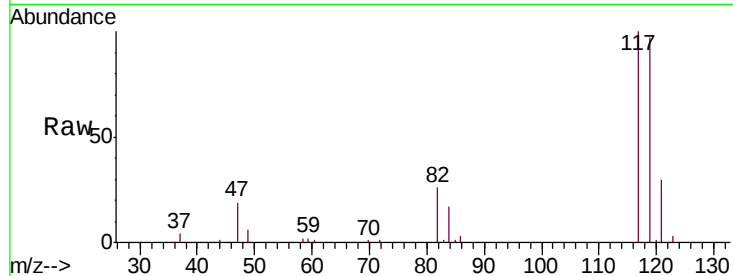
VICV606

Tgt Ion:117 Resp: 72098

Ion Ratio Lower Upper

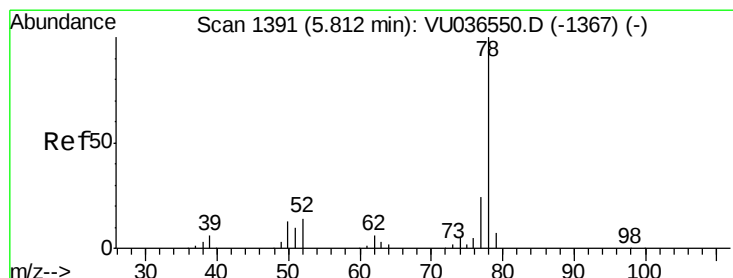
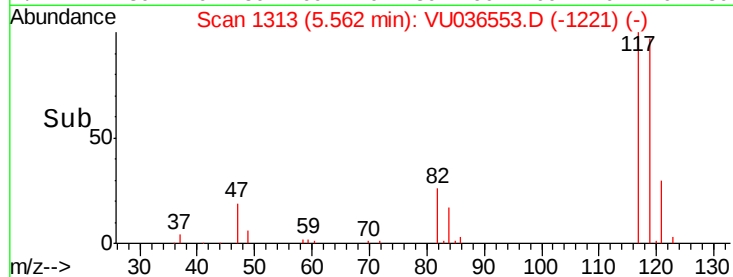
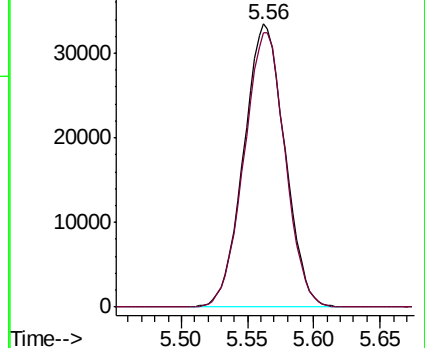
117 100

119 97.0 76.3 114.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.428 ug/L

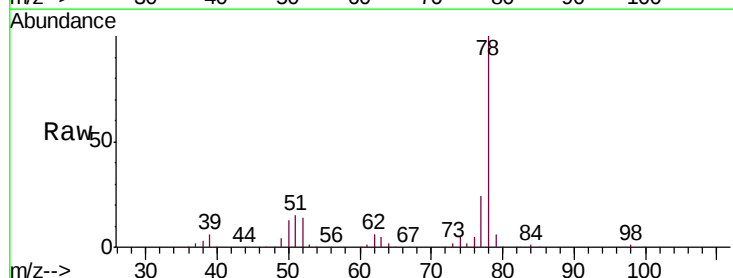
RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

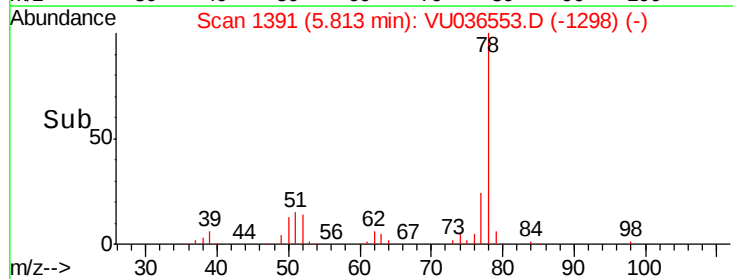
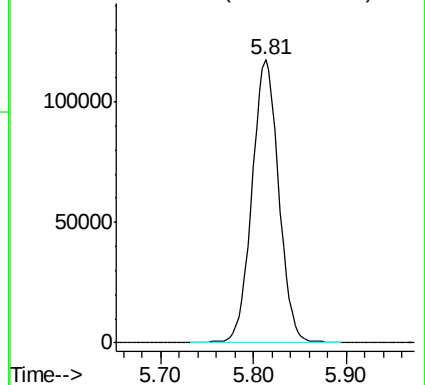
Lab File: VU036553.D

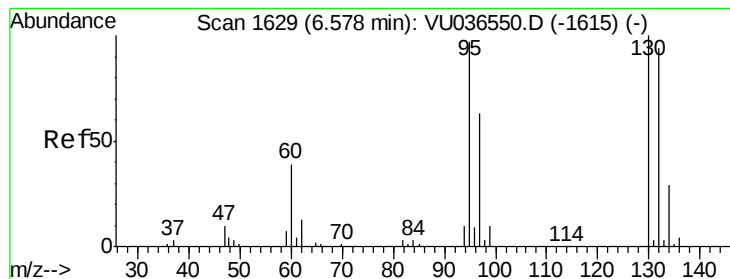
Acq: 24 Jan 2020 13:53

Tgt Ion: 78 Resp: 235400



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 5.453 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VICV606

Tgt Ion: 95 Resp: 62639

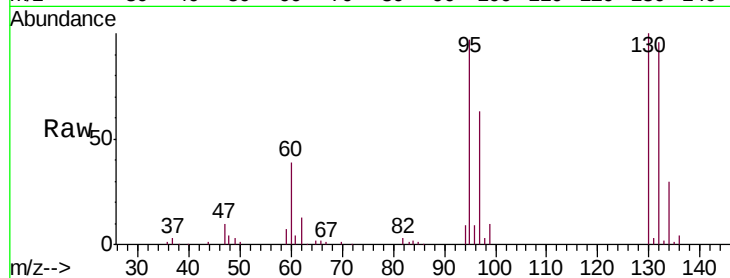
Ion Ratio Lower Upper

95 100

97 65.1 45.6 84.8

132 98.9 67.7 125.7

130 103.3 72.2 134.2

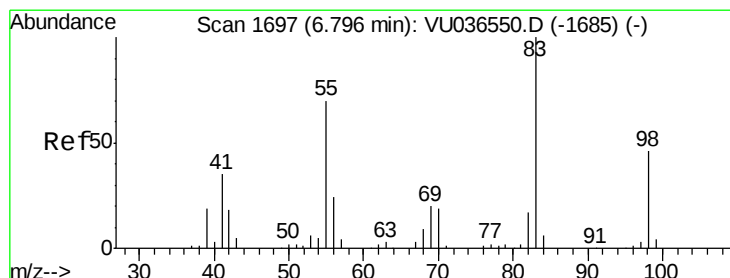
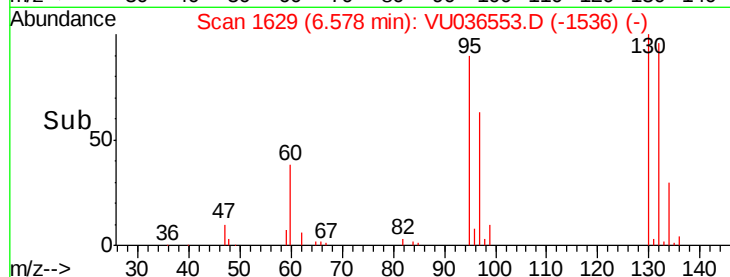
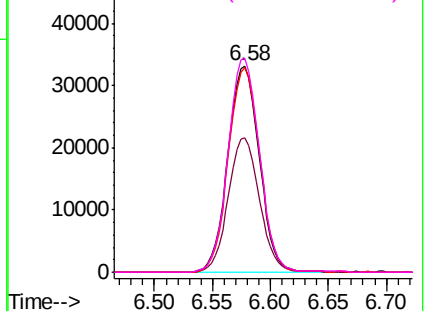


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.556 ug/L

RT: 6.80 min Scan# 1697

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

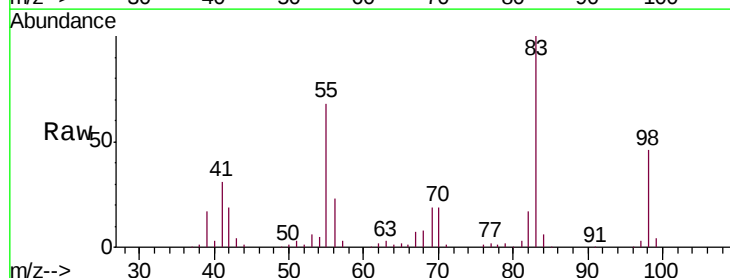
Tgt Ion: 83 Resp: 109340

Ion Ratio Lower Upper

83 100

55 69.8 56.9 85.3

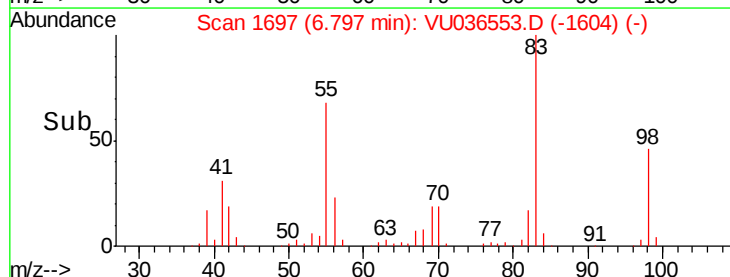
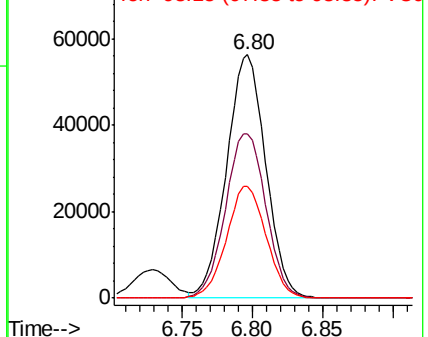
98 46.4 36.9 55.3

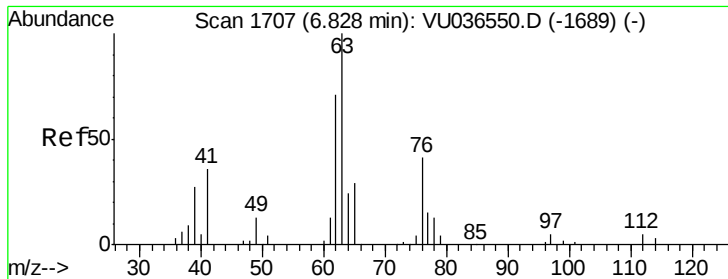


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

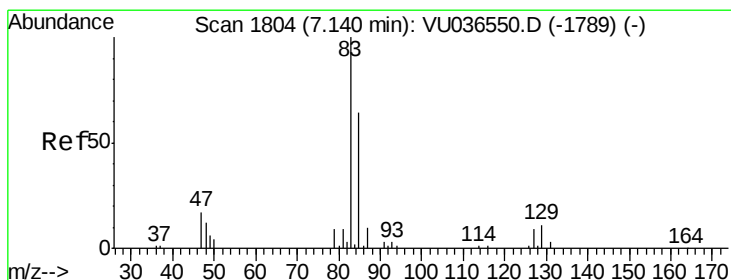
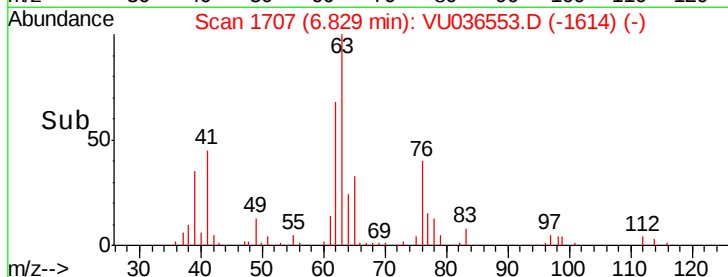
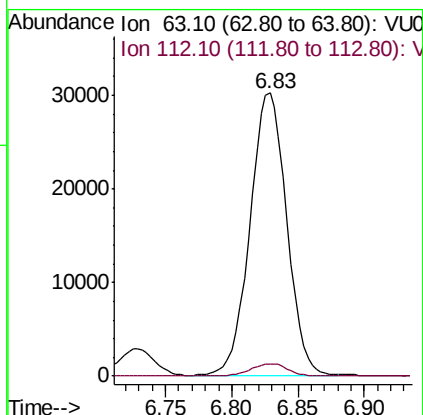
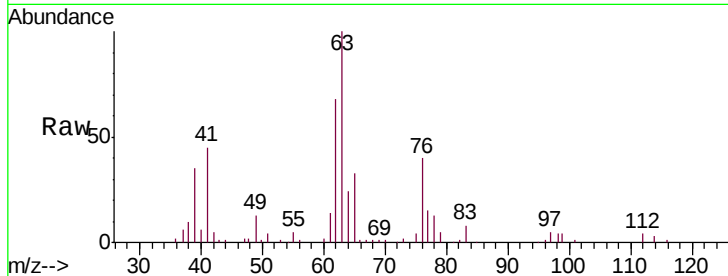




#37
 1,2-Dichloropropane
 Concen: 5.419 ug/L
 RT: 6.83 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

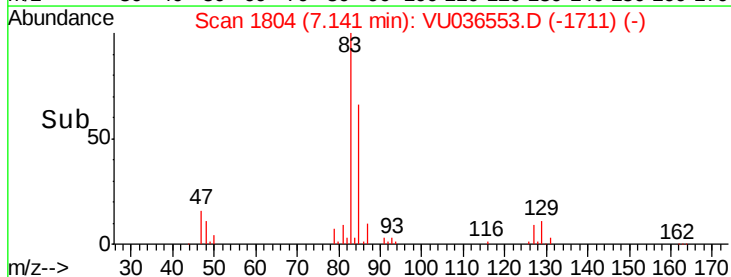
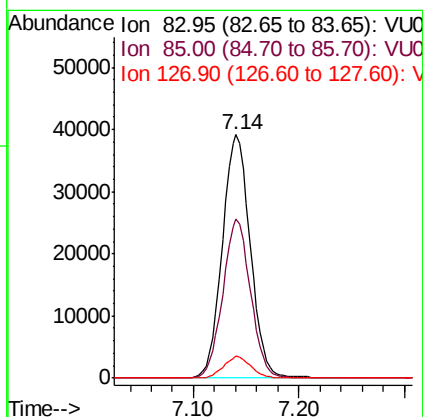
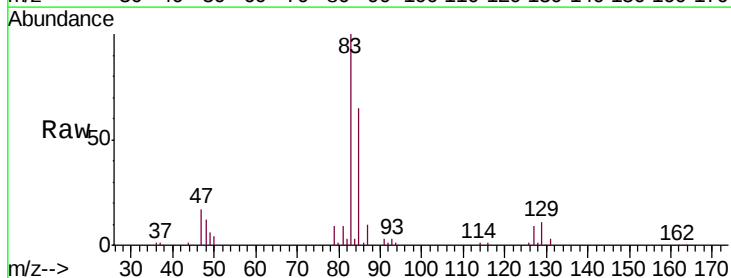
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV606

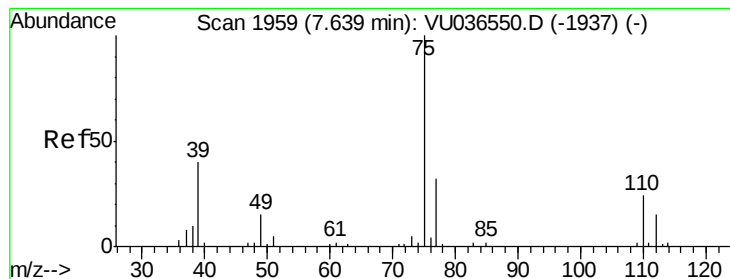
Tgt Ion: 63 Resp: 58440
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.3 4.9



#38
 Bromodichloromethane
 Concen: 5.456 ug/L
 RT: 7.14 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

Tgt Ion: 83 Resp: 71877
 Ion Ratio Lower Upper
 83 100
 85 65.2 44.7 82.9
 127 8.9 7.2 10.8



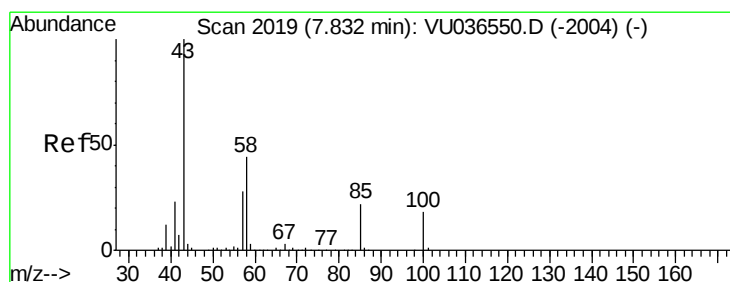
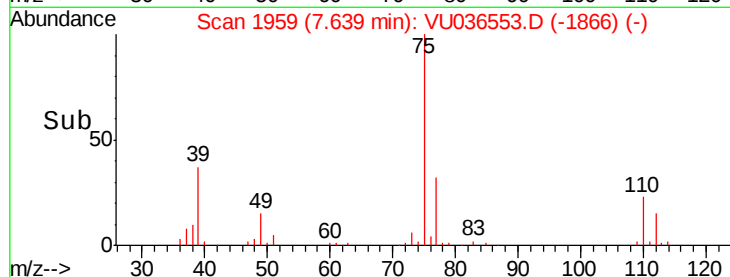
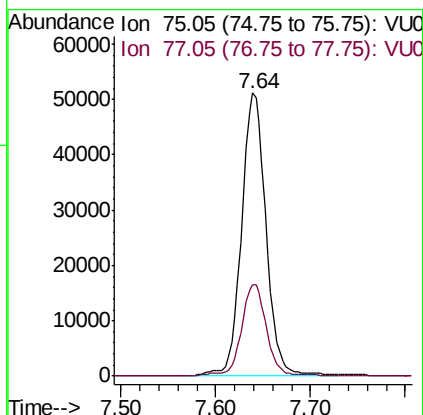
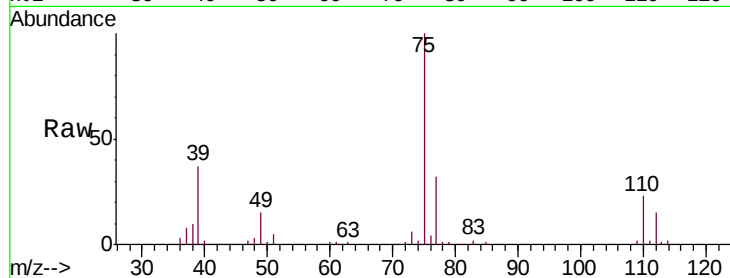


#39

cis-1,3-Dichloropropene
Concen: 5.545 ug/L
RT: 7.64 min Scan# 1959
Delta R.T. 0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

Instrument :
MSVOA_U
ClientSampleId :
VICV606

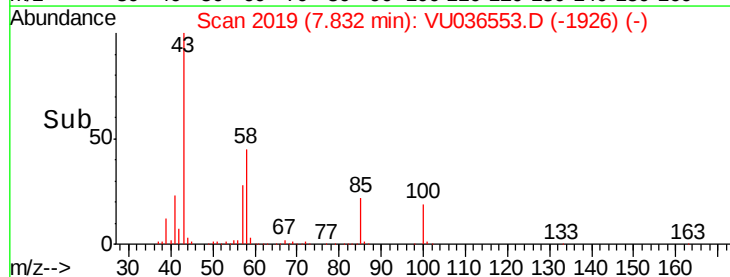
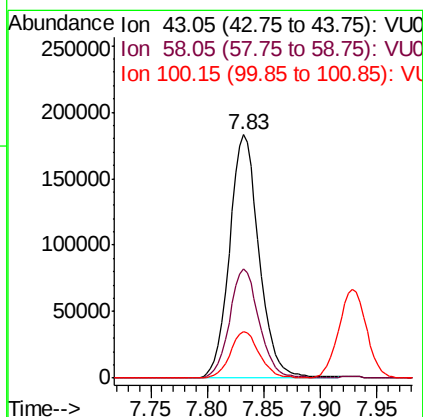
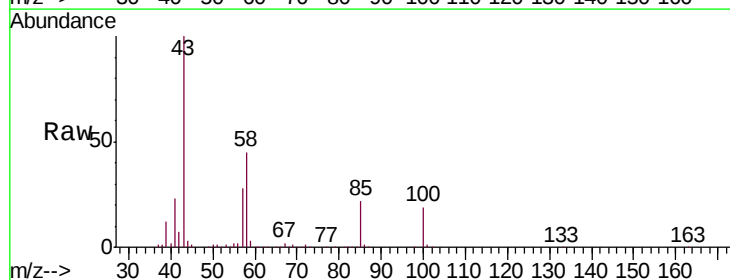
Tgt Ion: 75 Resp: 92220
Ion Ratio Lower Upper
75 100
77 32.3 22.3 41.5

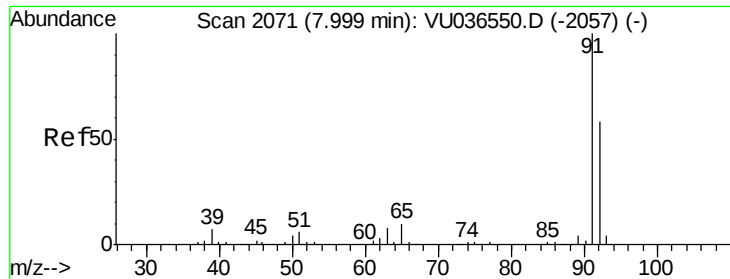


#40

4-Methyl-2-pentanone
Concen: 54.912 ug/L
RT: 7.83 min Scan# 2019
Delta R.T. 0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

Tgt Ion: 43 Resp: 333045
Ion Ratio Lower Upper
43 100
58 44.9 35.6 53.4
100 18.9 14.9 22.3





#42

Toluene

Concen: 5.504 ug/L

RT: 8.00 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

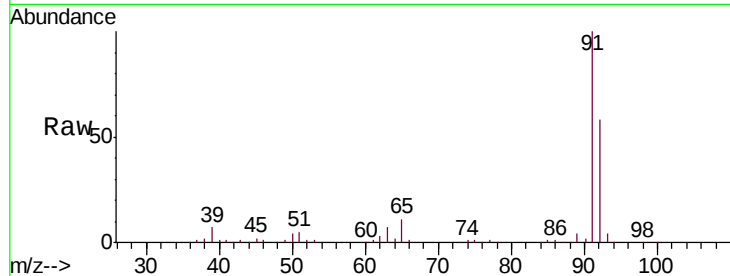
VICV606

Tgt Ion: 91 Resp: 263599

Ion Ratio Lower Upper

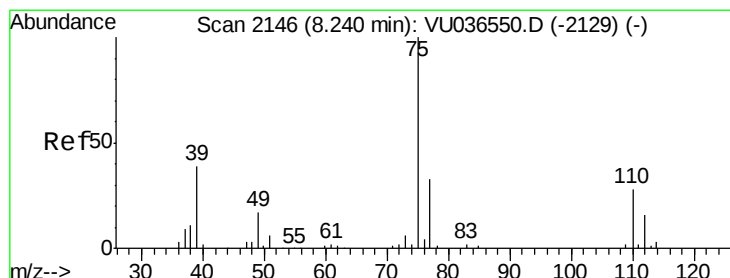
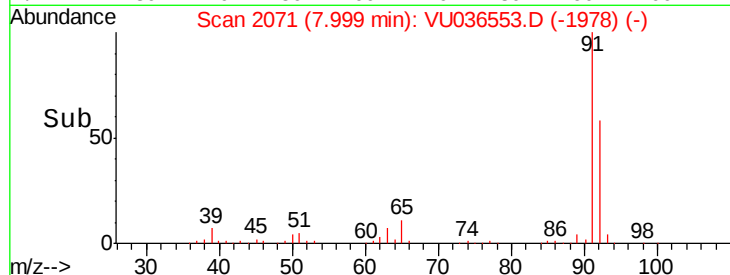
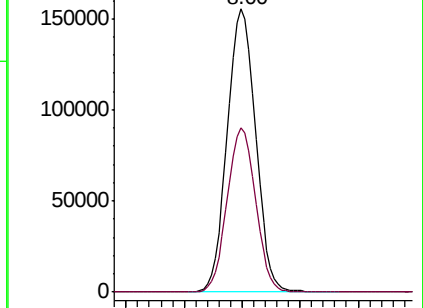
91 100

92 58.3 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU036553.D (-1978) (-)

Ion 92.15 (91.85 to 92.85): VU036553.D (-1978) (-)



#44

trans-1,3-Dichloropropene

Concen: 5.838 ug/L

RT: 8.24 min Scan# 2146

Delta R.T. 0.00 min

Lab File: VU036553.D

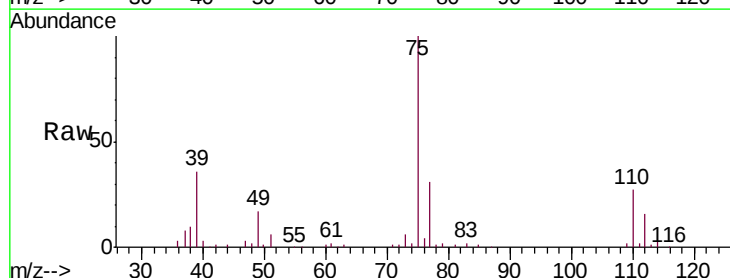
Acq: 24 Jan 2020 13:53

Tgt Ion: 75 Resp: 74740

Ion Ratio Lower Upper

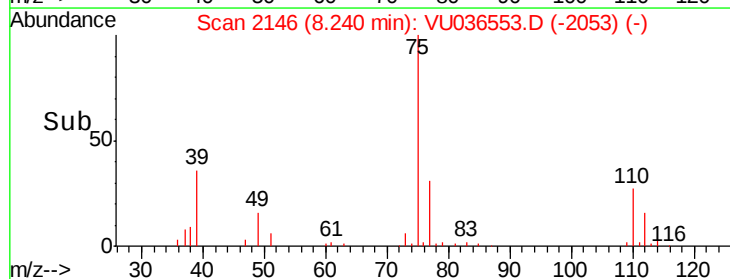
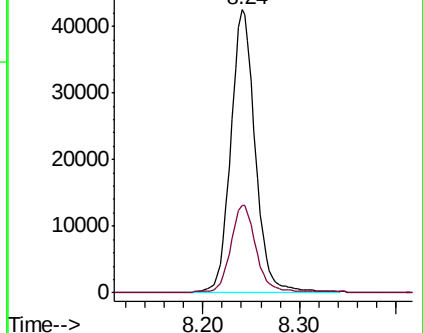
75 100

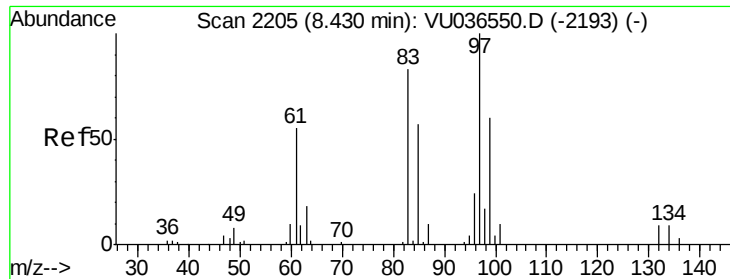
77 31.1 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VU036553.D (-2053) (-)

Ion 77.05 (76.75 to 77.75): VU036553.D (-2053) (-)

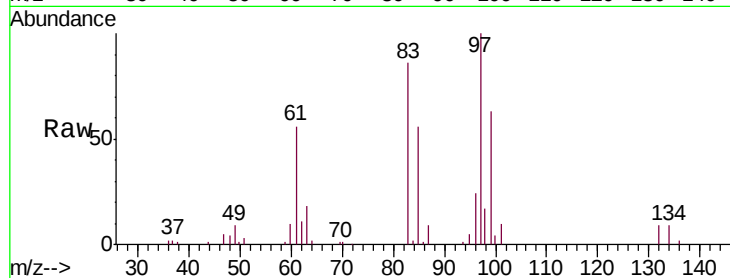




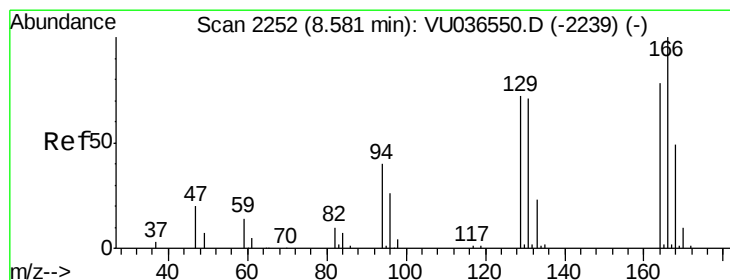
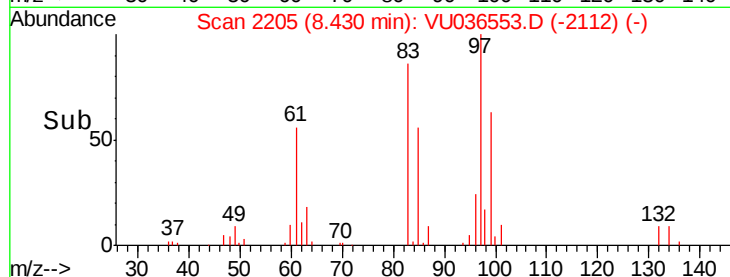
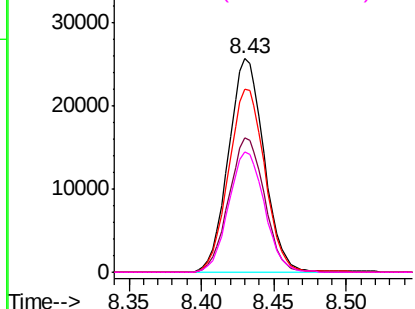
#45
 1,1,2-Trichloroethane
 Concen: 5.479 ug/L
 RT: 8.43 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV606

Tgt Ion:	97	Resp:	43718
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.1	78.3
83	85.9	58.4	108.6
85	56.4	39.6	73.6

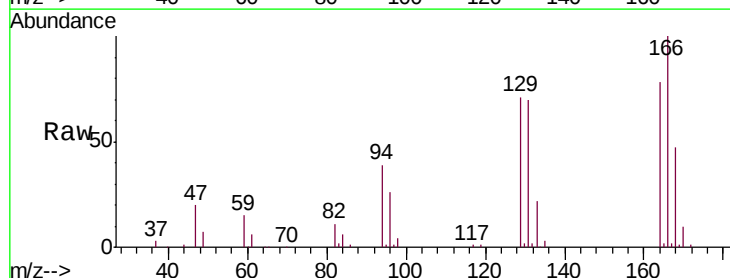


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

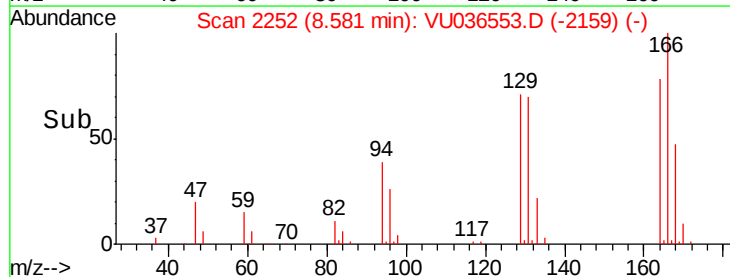
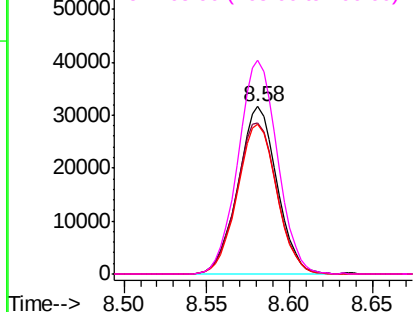


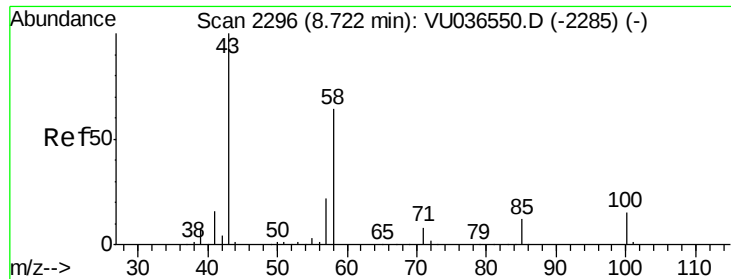
#47
 Tetrachloroethene
 Concen: 5.521 ug/L
 RT: 8.58 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

Tgt Ion:	164	Resp:	51633
Ion	Ratio	Lower	Upper
164	100		
129	90.3	64.7	120.1
131	89.0	64.0	118.8
166	127.5	89.5	166.3



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

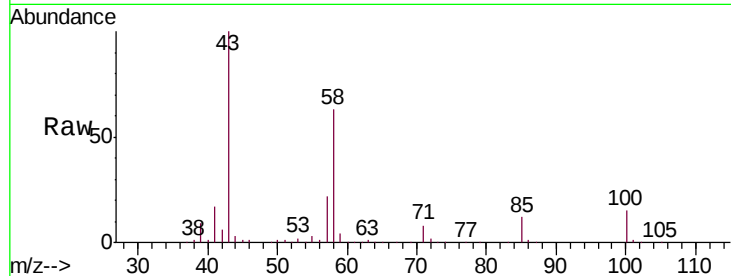




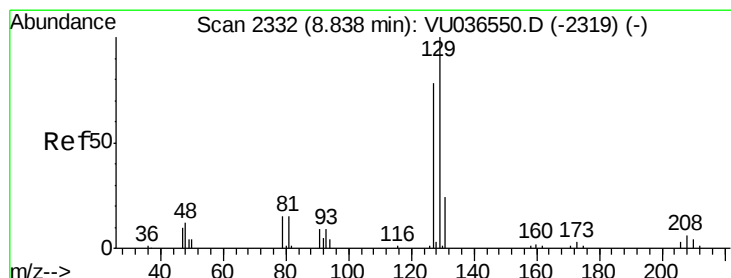
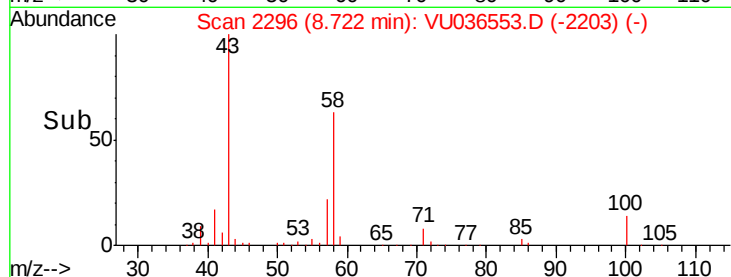
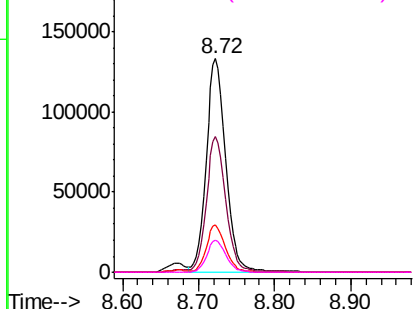
#48
2-Hexanone
Concen: 57.088 ug/L
RT: 8.72 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

Instrument :
MSVOA_U
ClientSampleId :
VICV606

Tgt Ion: 43 Resp: 238872
Ion Ratio Lower Upper
43 100
58 63.4 50.2 75.2
57 21.4 17.5 26.3
100 14.6 11.5 17.3

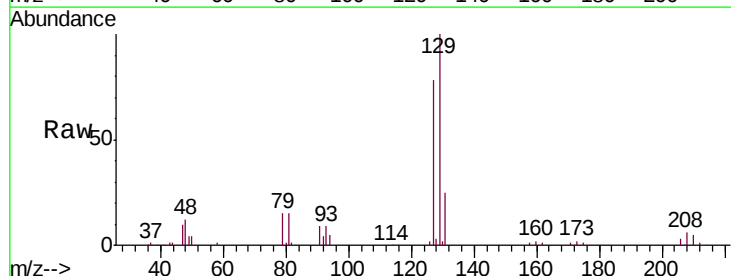


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

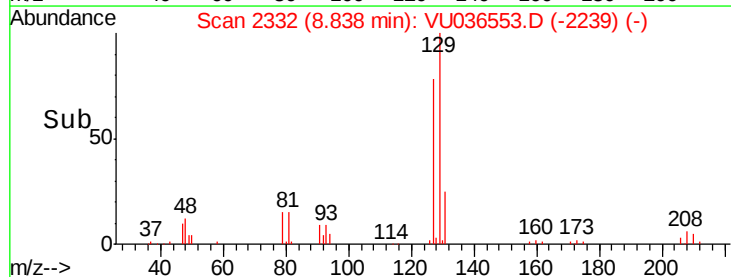
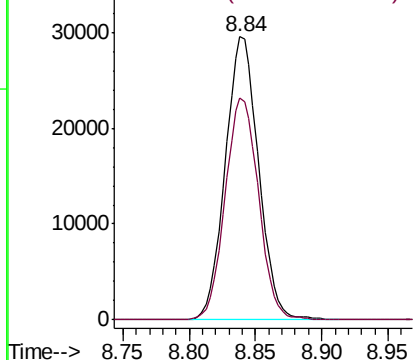


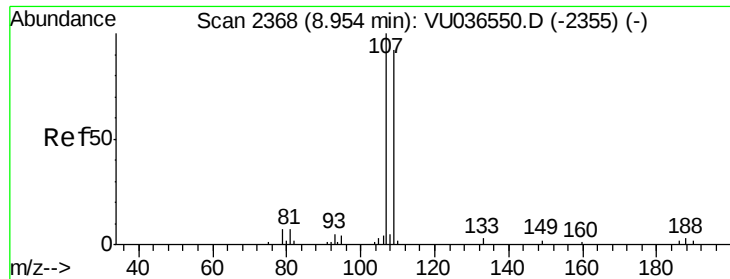
#49
Dibromochloromethane
Concen: 5.640 ug/L
RT: 8.84 min Scan# 2332
Delta R.T. 0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

Tgt Ion: 129 Resp: 51492
Ion Ratio Lower Upper
129 100
127 78.3 54.5 101.3



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

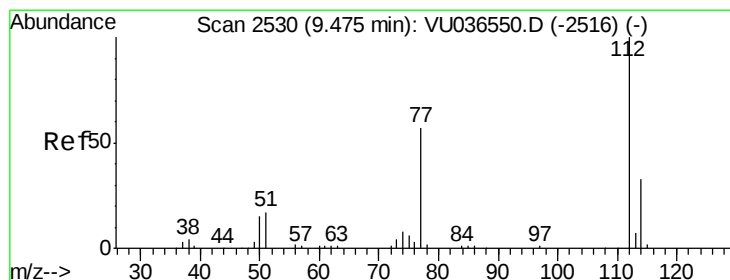
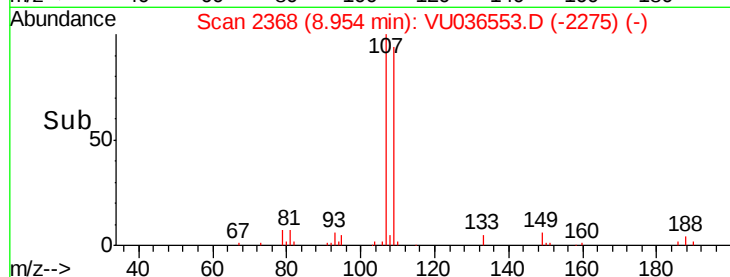
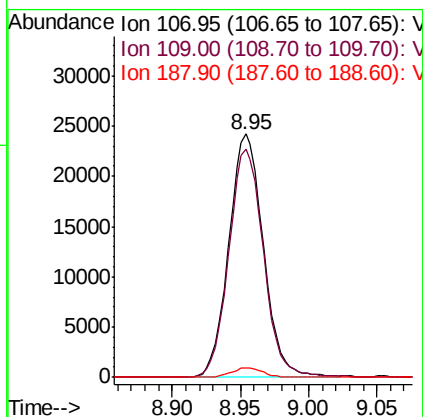
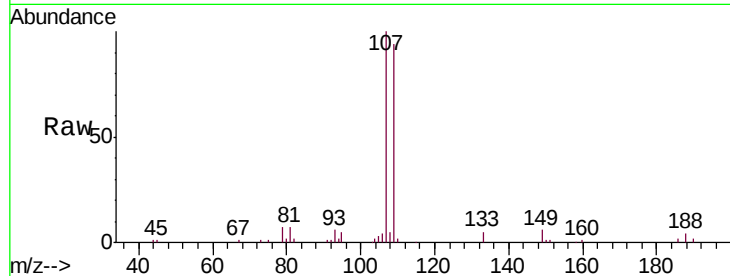




#50
1,2-Dibromoethane
Concen: 5.488 ug/L
RT: 8.95 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

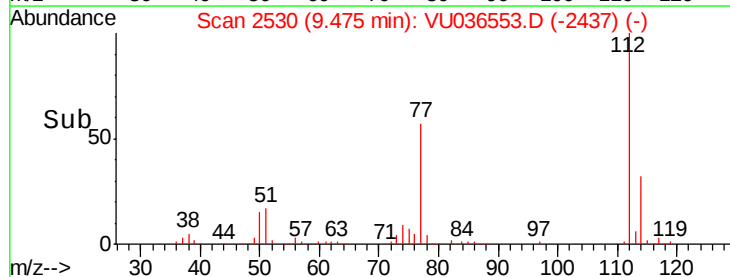
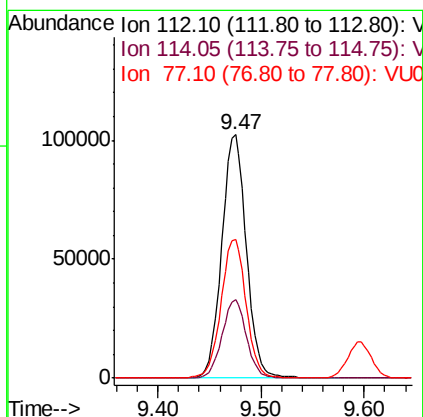
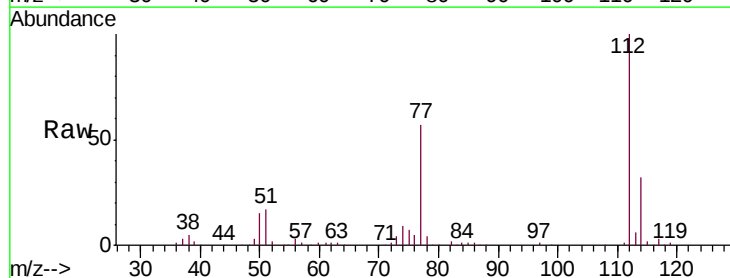
Instrument :
MSVOA_U
ClientSampleId :
VICV606

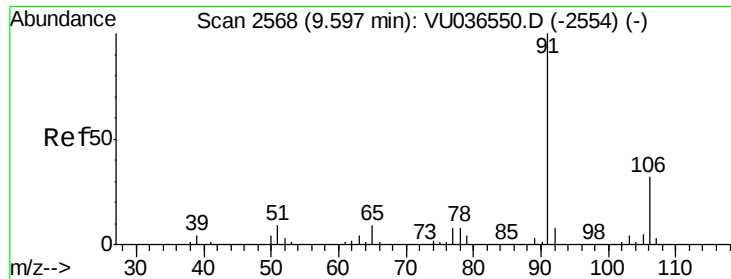
Tgt Ion:107 Resp: 42632
Ion Ratio Lower Upper
107 100
109 93.7 64.5 119.9
188 4.0 2.8 4.2



#51
Chlorobenzene
Concen: 5.514 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. 0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

Tgt Ion:112 Resp: 169617
Ion Ratio Lower Upper
112 100
114 32.2 23.2 43.2
77 57.0 45.9 68.9





#52

Ethylbenzene

Concen: 5.482 ug/L

RT: 9.60 min Scan# 2568

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

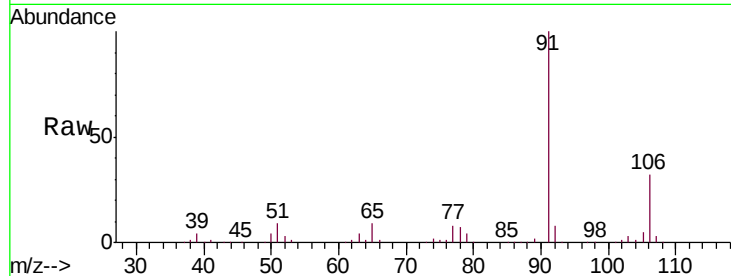
VICV606

Tgt Ion: 91 Resp: 285902

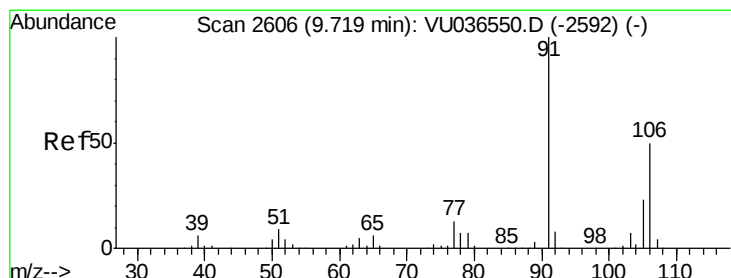
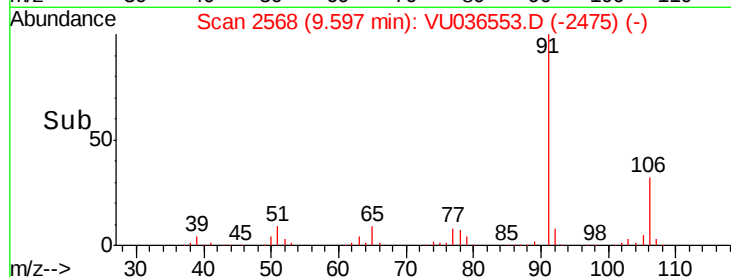
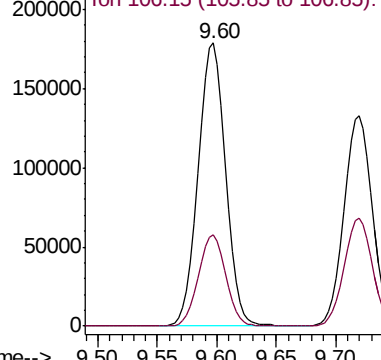
Ion Ratio Lower Upper

91 100

106 32.1 22.3 41.3



Abundance Ion 91.15 (90.85 to 91.85): VU036553.D (-2554) (-)



#53

m,p-Xylene

Concen: 5.557 ug/L

RT: 9.72 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VU036553.D

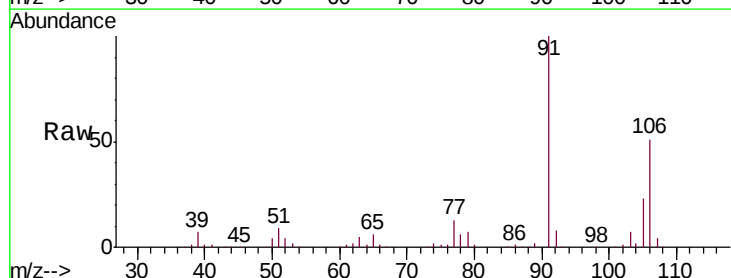
Acq: 24 Jan 2020 13:53

Tgt Ion: 106 Resp: 112419

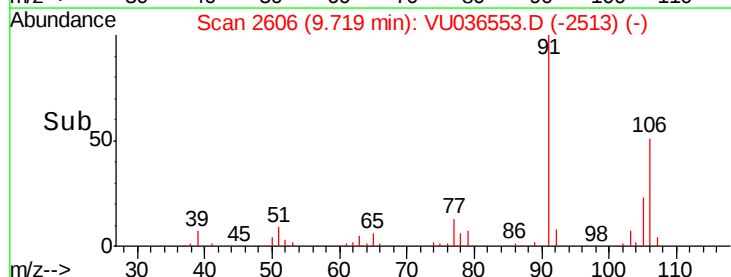
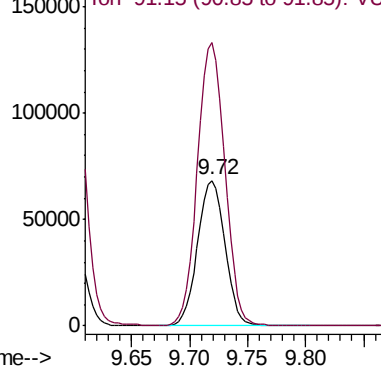
Ion Ratio Lower Upper

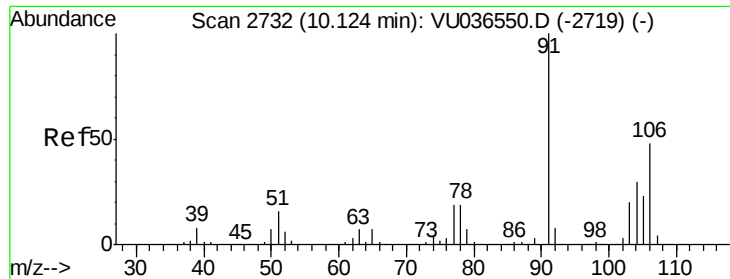
106 100

91 194.7 141.4 262.6



Abundance Ion 106.15 (105.85 to 106.85): VU036553.D (-2513) (-)

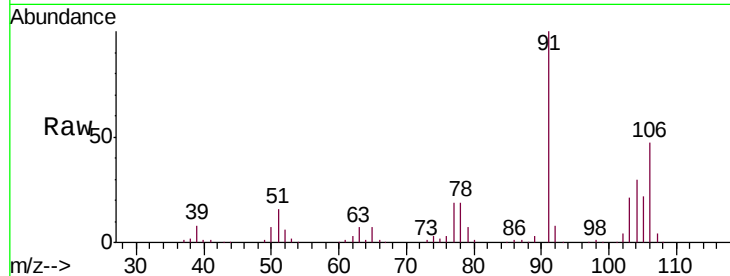




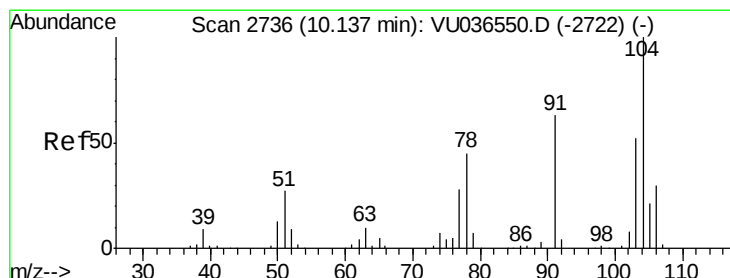
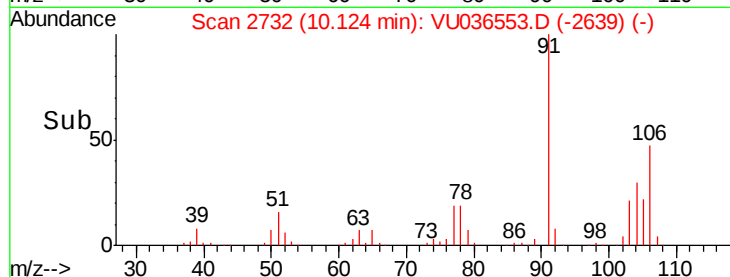
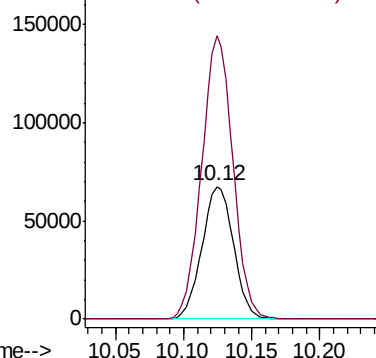
#54
o-Xylene
Concen: 5.459 ug/L
RT: 10.12 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

Instrument :
MSVOA_U
ClientSampleId :
VICV606

Tgt Ion:106 Resp: 108219
Ion Ratio Lower Upper
106 100
91 213.3 146.2 271.4

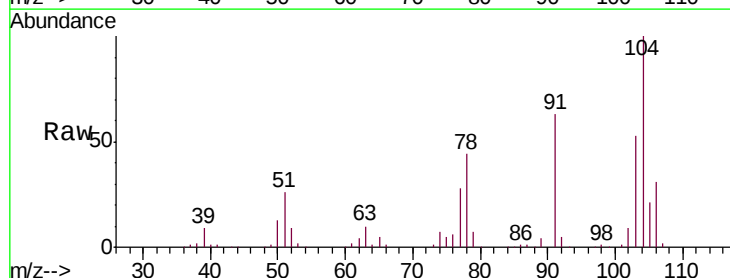


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

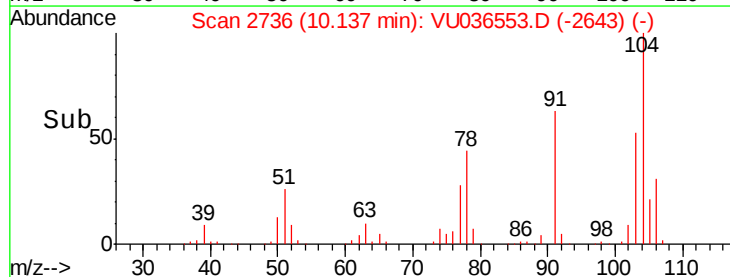
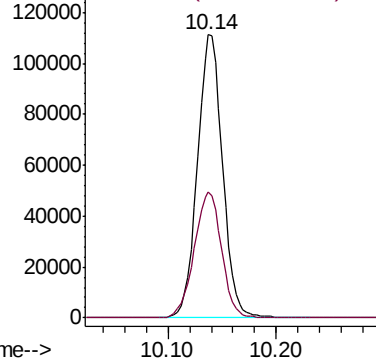


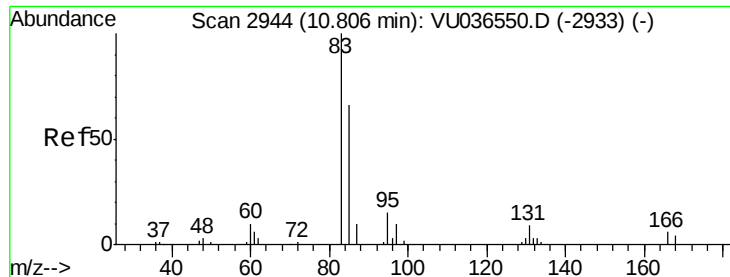
#55
Styrene
Concen: 5.550 ug/L
RT: 10.14 min Scan# 2736
Delta R.T. 0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

Tgt Ion:104 Resp: 180617
Ion Ratio Lower Upper
104 100
78 44.4 31.9 59.2



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.531 ug/L

RT: 10.81 min Scan# 2944

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VICV606

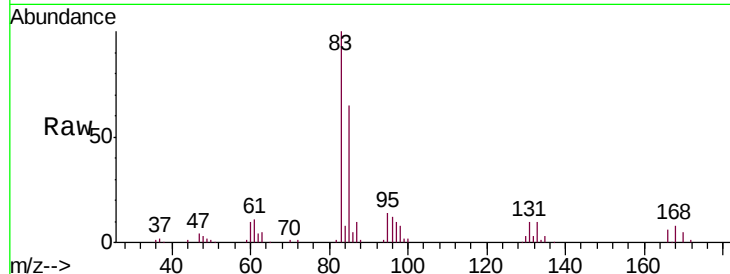
Tgt Ion: 83 Resp: 55319

Ion Ratio Lower Upper

83 100

85 65.2 47.0 87.4

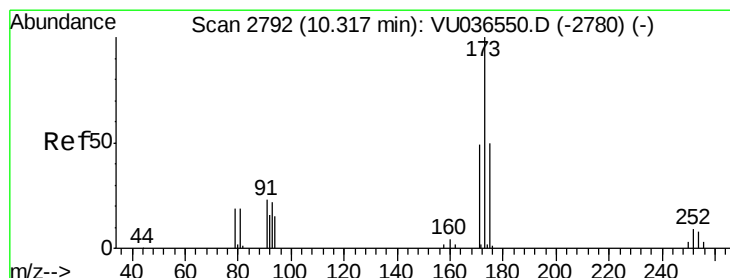
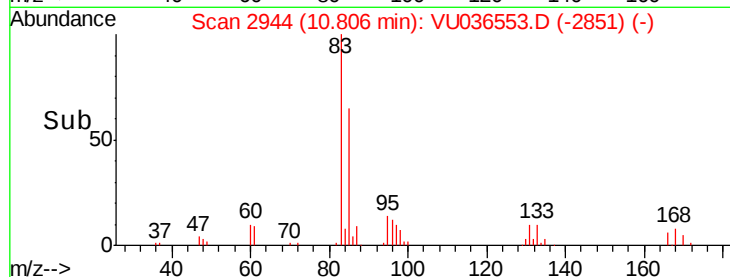
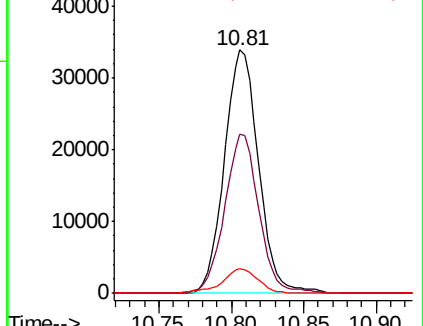
131 10.2 8.1 12.1



Abundance Ion 82.95 (82.65 to 83.65): VU036553.D (-2933) (-)

Ion 85.00 (84.70 to 85.70): VU036553.D (-2933) (-)

Ion 130.95 (130.65 to 131.65): VU036553.D (-2933) (-)



#59

Bromoform

Concen: 5.560 ug/L

RT: 10.32 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

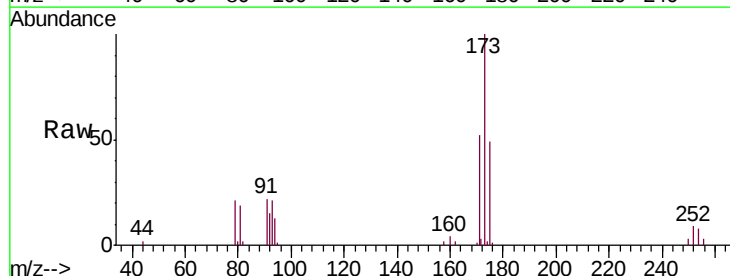
Tgt Ion: 173 Resp: 28635

Ion Ratio Lower Upper

173 100

175 49.6 39.0 58.4

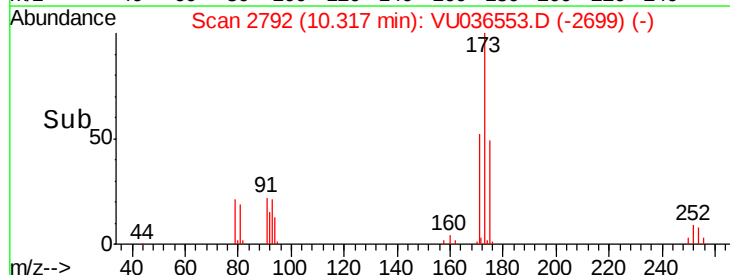
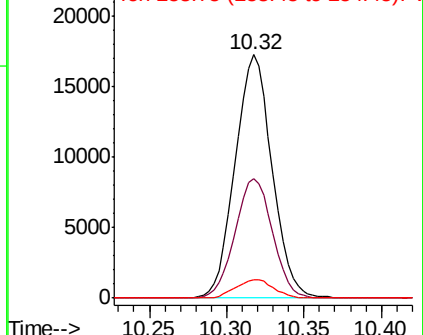
254 7.7 6.3 9.5

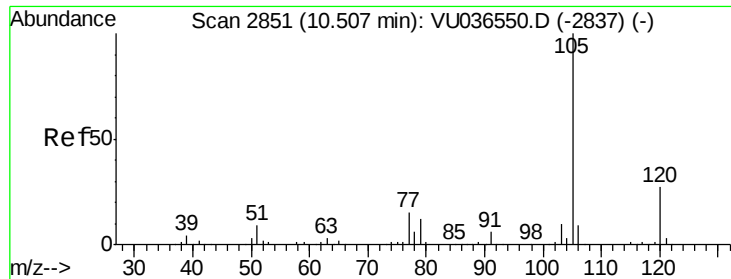


Abundance Ion 172.90 (172.60 to 173.60): VU036553.D (-2699) (-)

Ion 174.90 (174.60 to 175.60): VU036553.D (-2699) (-)

Ion 253.75 (253.45 to 254.45): VU036553.D (-2699) (-)





#60

Isopropylbenzene

Concen: 5.480 ug/L

RT: 10.51 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VICV606

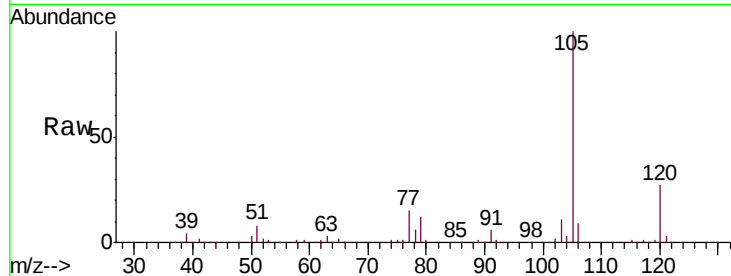
Tgt Ion: 105 Resp: 283917

Ion Ratio Lower Upper

105 100

120 26.9 21.5 32.3

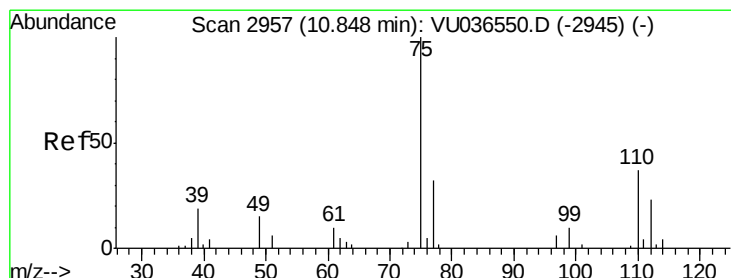
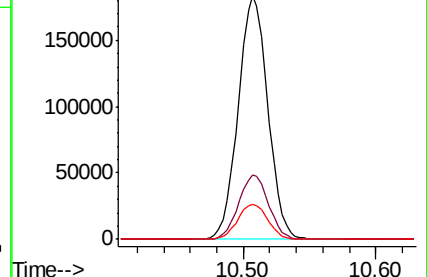
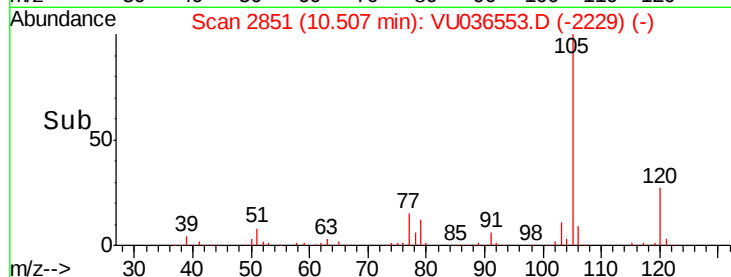
77 14.9 12.2 18.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU



#61

1,2,3-Trichloropropane

Concen: 5.345 ug/L

RT: 10.85 min Scan# 2957

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

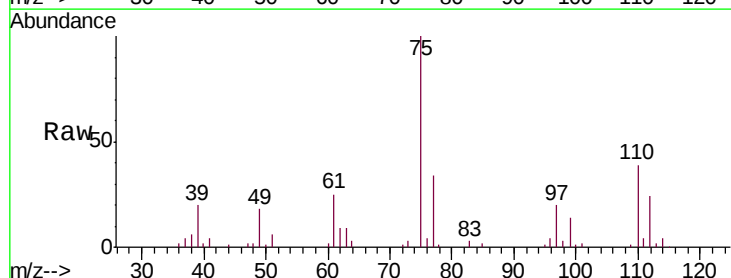
Tgt Ion: 75 Resp: 38138

Ion Ratio Lower Upper

75 100

110 38.0 29.0 43.4

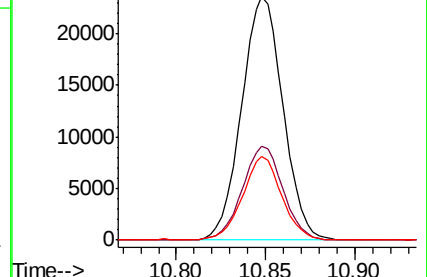
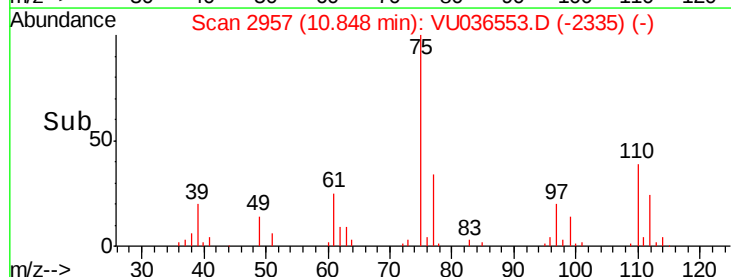
77 32.5 25.8 38.6

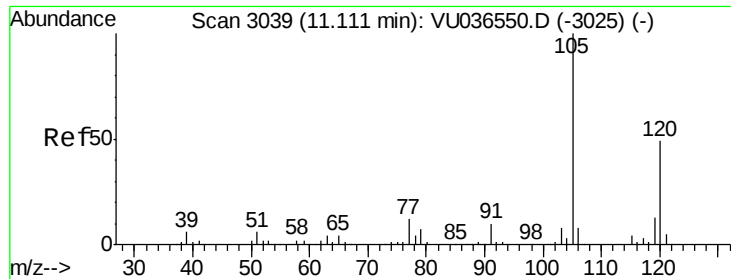


Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VU

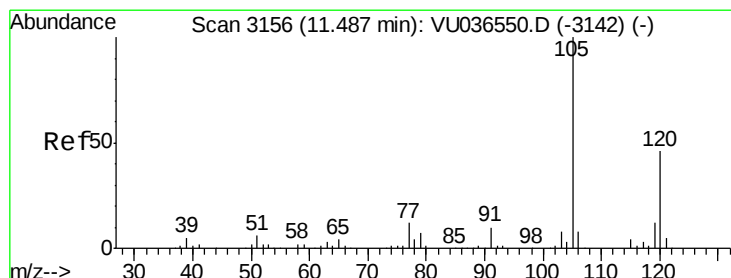
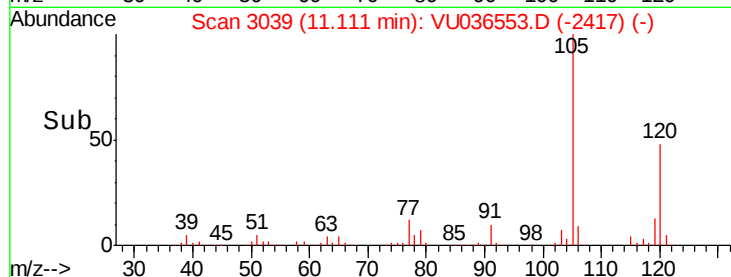
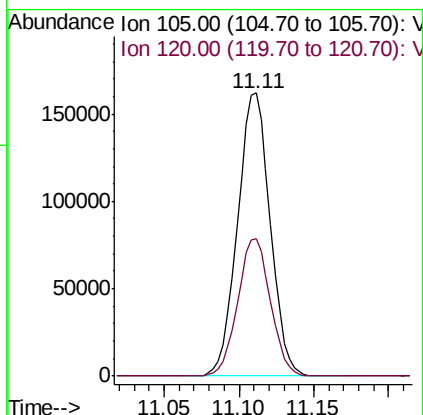
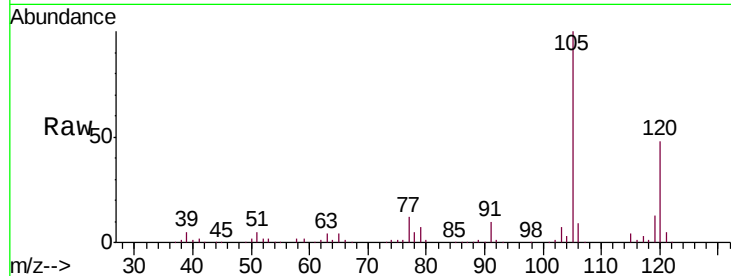




#62
 1,3,5-Trimethylbenzene
 Concen: 5.523 ug/L
 RT: 11.11 min Scan# 3039
 Delta R.T. 0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

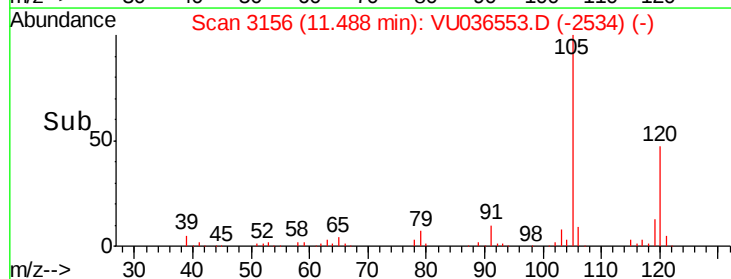
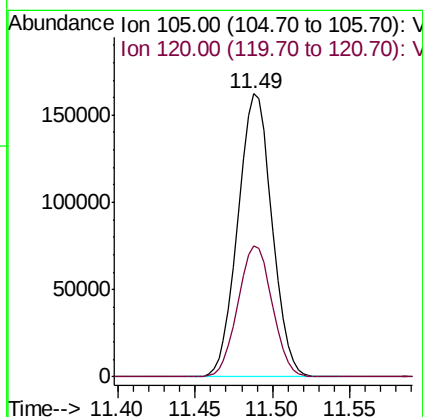
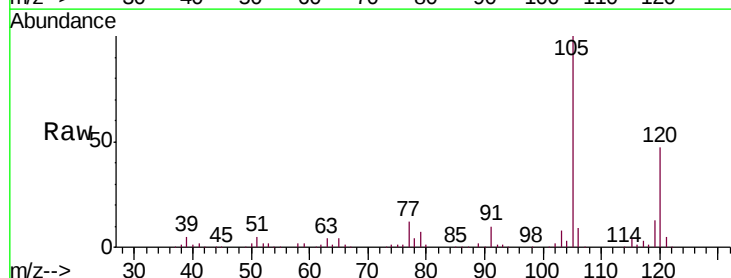
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV606

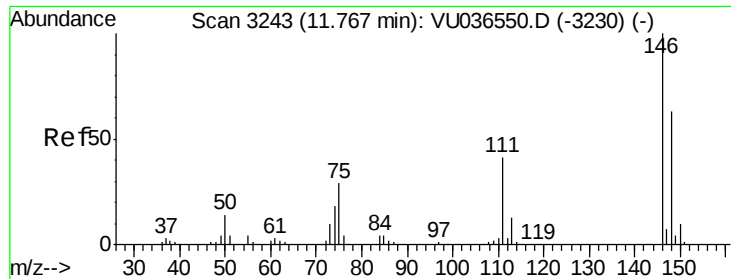
Tgt Ion:105 Resp: 245253
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.656 ug/L
 RT: 11.49 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

Tgt Ion:105 Resp: 249220
 Ion Ratio Lower Upper
 105 100
 120 46.6 36.9 55.3





#64

1,3-Dichlorobenzene

Concen: 5.552 ug/L

RT: 11.77 min Scan# 3243

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampled :

VICV606

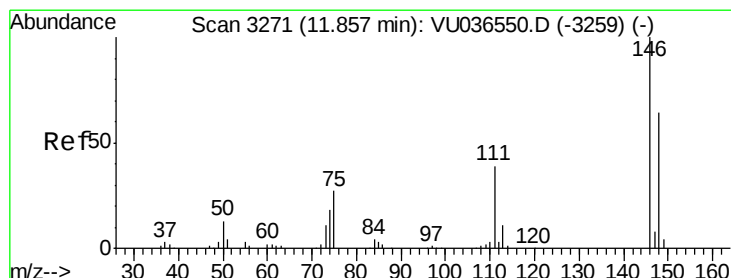
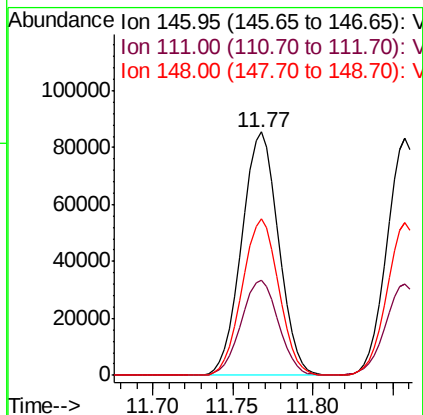
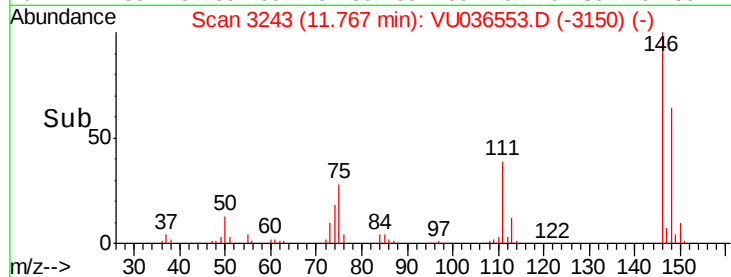
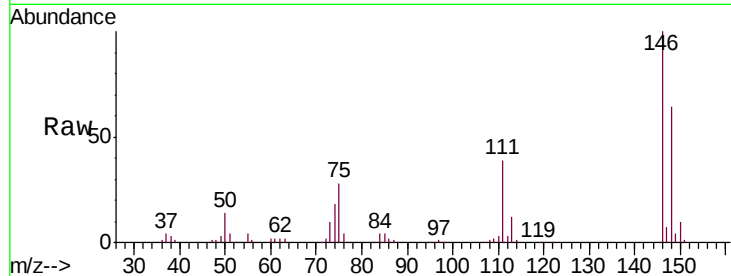
Tgt Ion:146 Resp: 134123

Ion Ratio Lower Upper

146 100

111 39.3 28.8 53.6

148 64.1 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 5.431 ug/L

RT: 11.86 min Scan# 3271

Delta R.T. 0.00 min

Lab File: VU036553.D

Acq: 24 Jan 2020 13:53

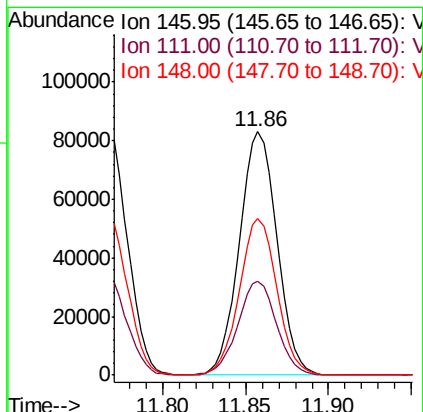
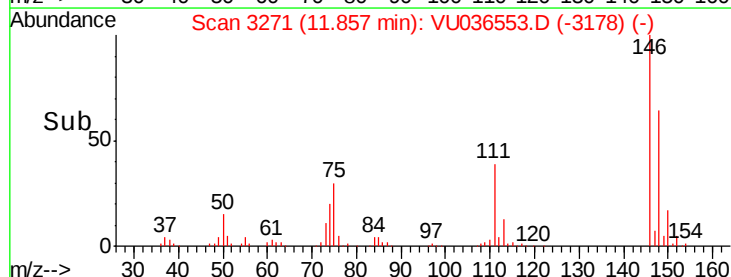
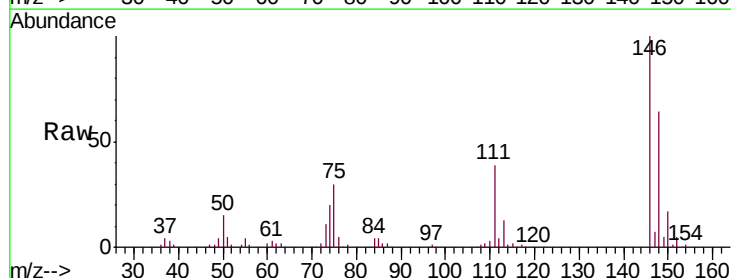
Tgt Ion:146 Resp: 131278

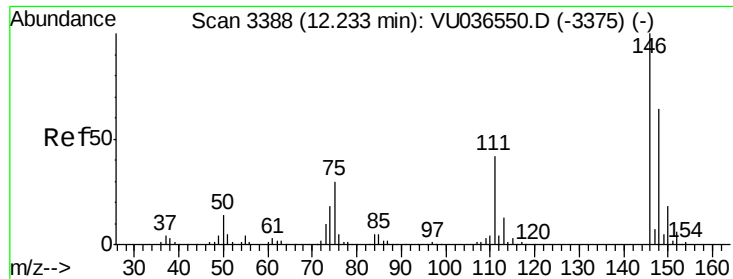
Ion Ratio Lower Upper

146 100

111 38.6 27.2 50.6

148 64.5 44.8 83.2

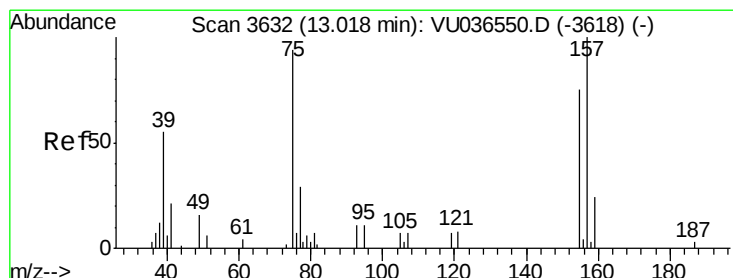
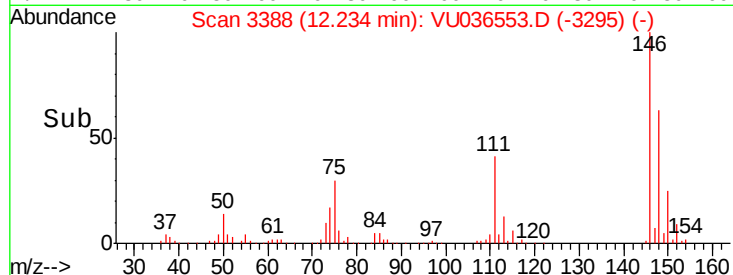
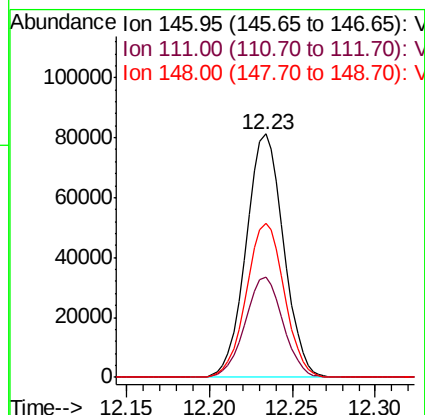
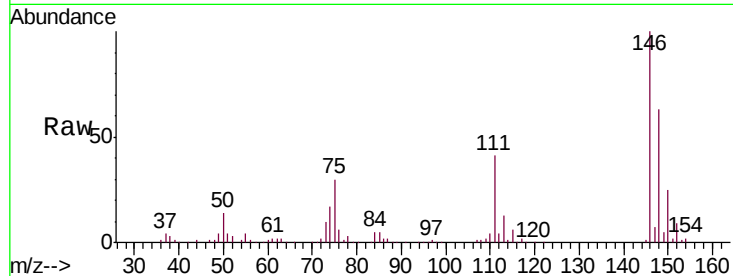




#67
 1,2-Dichlorobenzene
 Concen: 5.535 ug/L
 RT: 12.23 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

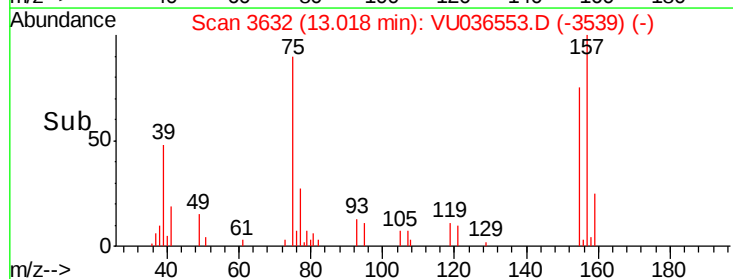
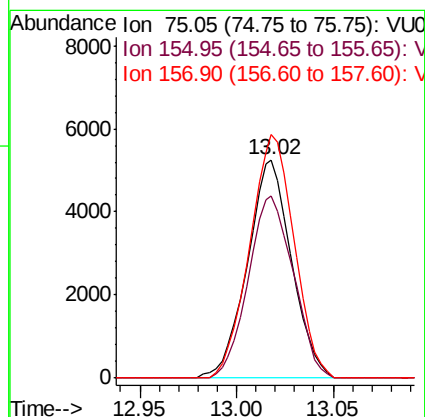
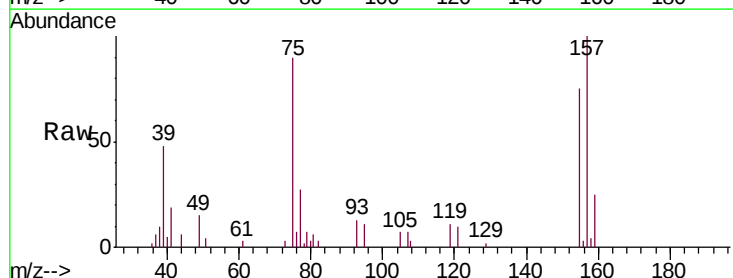
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV606

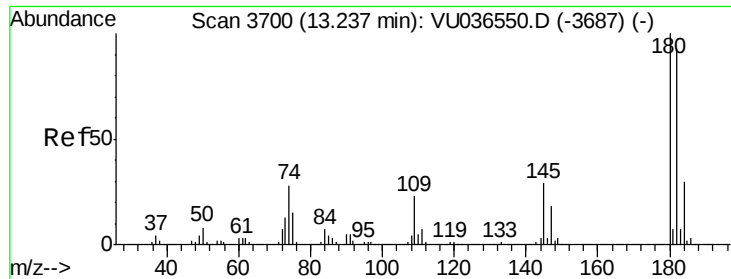
Tgt Ion:146 Resp: 127717
 Ion Ratio Lower Upper
 146 100
 111 41.2 33.4 50.0
 148 63.4 51.0 76.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.501 ug/L
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

Tgt Ion: 75 Resp: 8316
 Ion Ratio Lower Upper
 75 100
 155 83.3 64.2 96.4
 157 111.5 85.1 127.7

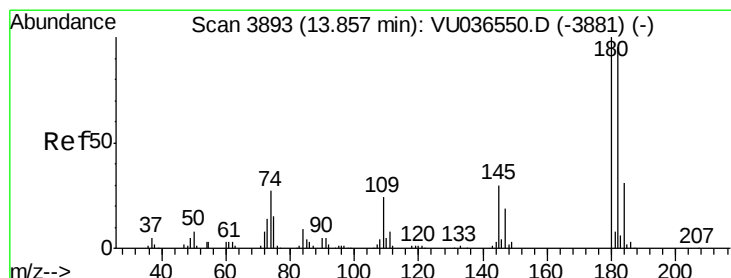
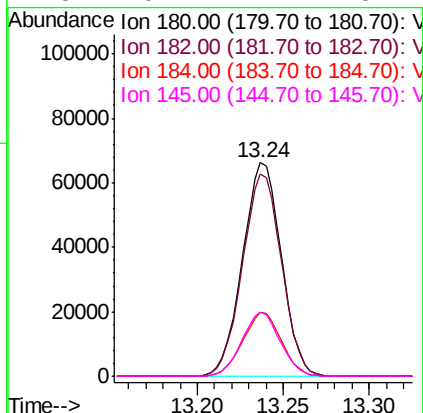
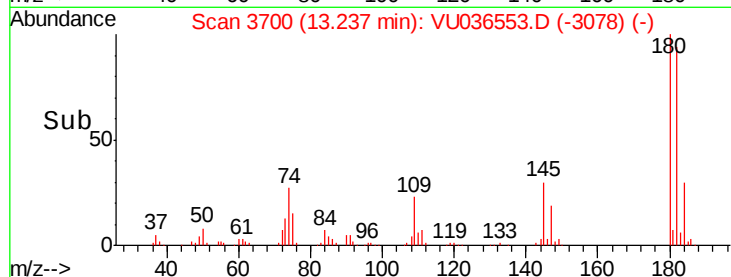
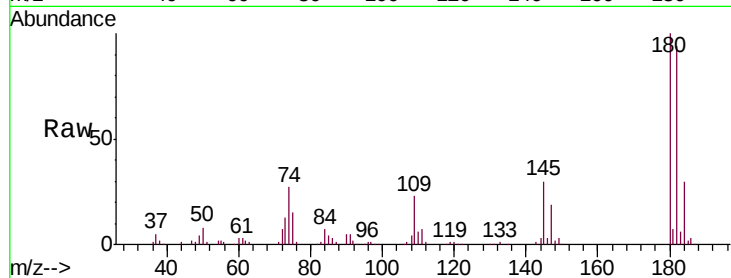




#69
 1,3,5-Trichlorobenzene
 Concen: 5.579 ug/L
 RT: 13.24 min Scan# 3700
 Delta R.T. 0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

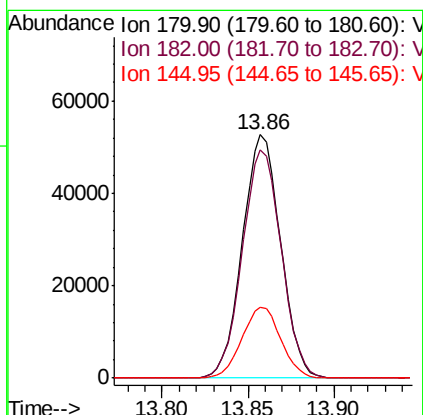
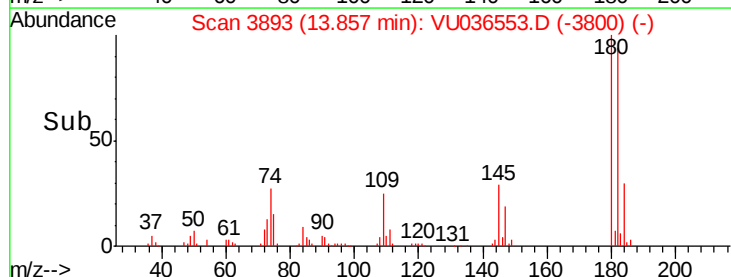
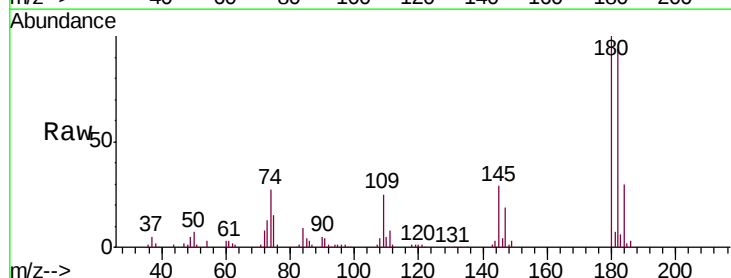
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV606

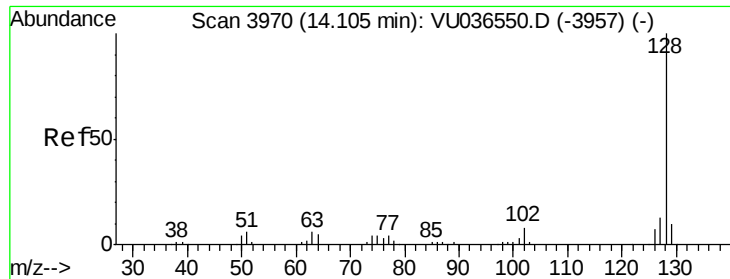
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.2	112.8
184	29.8	23.9	35.9
145	29.4	22.7	34.1



#70
 1,2,4-trichlorobenzene
 Concen: 6.035 ug/L
 RT: 13.86 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU036553.D
 Acq: 24 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	29.6	23.9	35.9

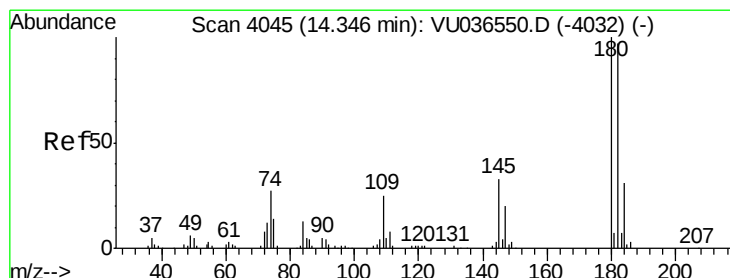
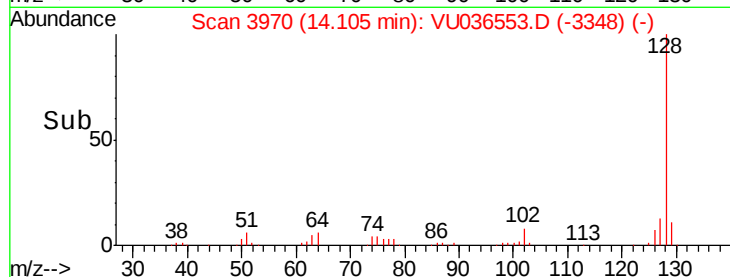
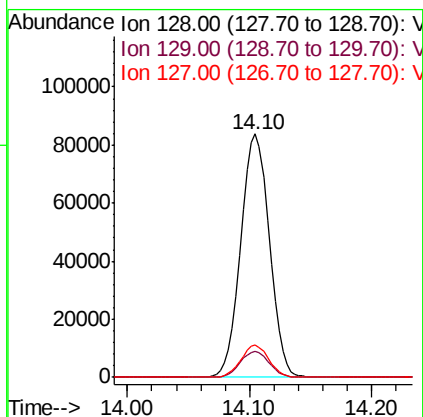
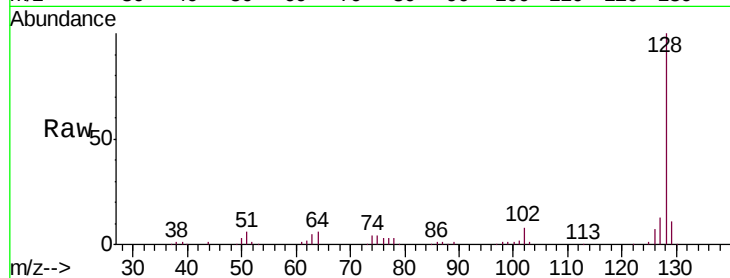




#71
Naphthalene
Concen: 7.051 ug/L
RT: 14.10 min Scan# 3970
Delta R.T. 0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

Instrument :
MSVOA_U
ClientSampled :
VICV606

Tgt Ion:128 Resp: 135645
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.8 9.9 14.9



#72
1,2,3-Trichlorobenzene
Concen: 6.170 ug/L
RT: 14.35 min Scan# 4045
Delta R.T. 0.00 min
Lab File: VU036553.D
Acq: 24 Jan 2020 13:53

Tgt Ion:180 Resp: 75226
Ion Ratio Lower Upper
180 100
182 94.3 76.2 114.2
145 30.7 25.6 38.4

