

Data File : VU035605.D
Acq On : 04 Nov 2019 13:42
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV01

Quant Time: Nov 05 02:38:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 02:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	248024	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	277311	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	161631	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123315	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.93	69	104755	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.59	63	210111	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.71	46	280628	49.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.58%
24) Chloroform-d	5.11	84	210857	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.75	65	101576	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.77	84	420227	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	133827	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.93	98	411679	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	8.21	79	53937	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.68	63	227097	51.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	112170	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	156966	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	141324	5.296	ug/L 98
3) Chloromethane	1.53	50	162273	5.272	ug/L 100
5) Vinyl chloride	1.62	62	165885	5.260	ug/L 98
6) Bromomethane	1.87	94	89075	4.955	ug/L 100
8) Chloroethane	1.95	64	97081	5.366	ug/L 100
9) Trichlorofluoromethane	2.16	101	202136	5.254	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	118244	5.203	ug/L 99
12) 1,1-Dichloroethene	2.61	96	112398	5.154	ug/L 90
13) Acetone	2.69	43	191639	47.157	ug/L 99
14) Carbon disulfide	2.82	76	362473	5.125	ug/L 100
15) Methyl Acetate	3.00	43	45272	4.796	ug/L 100
16) Methylene chloride	3.08	84	126208	4.881	ug/L 99
17) Methyl tert-butyl Ether	3.42	73	262119	5.128	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	117800	5.245	ug/L 95
19) 1,1-Dichloroethane	3.92	63	219807	5.271	ug/L 100
21) 2-Butanone	4.79	43	301868	50.025	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	126986	5.120	ug/L 95

Data File : VU035605.D
Acq On : 04 Nov 2019 13:42
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV01

Quant Time: Nov 05 02:38:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 02:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	58980	5.021	ug/L	98
25) Chloroform	5.14	83	220357	4.859	ug/L	100
27) 1,2-Dichloroethane	5.84	62	128879	5.107	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	185503	5.082	ug/L	100
30) Cyclohexane	5.43	56	184568	5.057	ug/L	99
31) Carbon tetrachloride	5.56	117	165950	5.044	ug/L	97
33) Benzene	5.82	78	491857	5.040	ug/L	100
34) Trichloroethene	6.58	95	127193	5.093	ug/L	98
35) Methylcyclohexane	6.80	83	192717	5.065	ug/L	100
37) 1,2-Dichloropropane	6.83	63	126292	4.911	ug/L	100
38) Bromodichloromethane	7.14	83	155835	5.009	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	185121	5.044	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	722374	48.855	ug/L	99
42) Toluene	8.00	91	539139	5.251	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	150213	5.119	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	91004	4.942	ug/L	99
47) Tetrachloroethene	8.58	164	111087	5.104	ug/L	97
48) 2-Hexanone	8.73	43	531892	50.616	ug/L	96
49) Dibromochloromethane	8.84	129	113768	5.008	ug/L	100
50) 1,2-Dibromoethane	8.96	107	86770	4.966	ug/L	99
51) Chlorobenzene	9.48	112	339551	5.036	ug/L	99
52) Ethylbenzene	9.60	91	550578	5.095	ug/L	99
53) m,p-Xylene	9.72	106	218417	5.338	ug/L	98
54) o-Xylene	10.13	106	213645	5.403	ug/L	98
55) Styrene	10.14	104	349188	5.341	ug/L	100
56) Isopropylbenzene	10.51	105	548627	5.257	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	115166	4.787	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	82404	4.845	ug/L	96
61) Bromoform	10.32	173	67586	4.601	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	266692	4.907	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	262944	5.025	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	253466	4.970	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	14685	4.525	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	184073	5.255	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	103693	4.913	ug/L	99
69) Naphthalene	14.11	128	115163	4.431	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	99146	4.858	ug/L	96

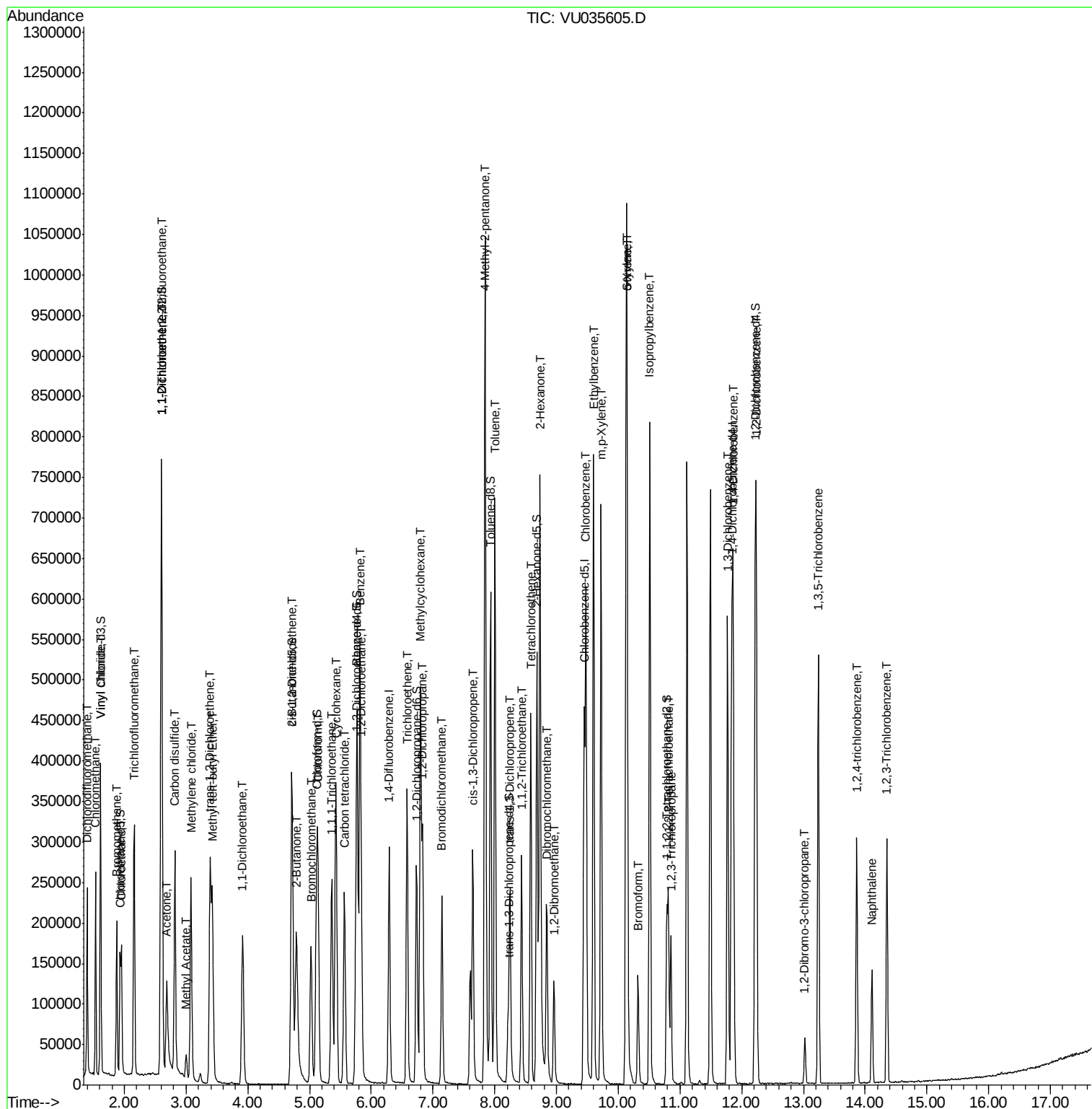
(#) = qualifier out of range (m) = manual integration (+) = signals summed

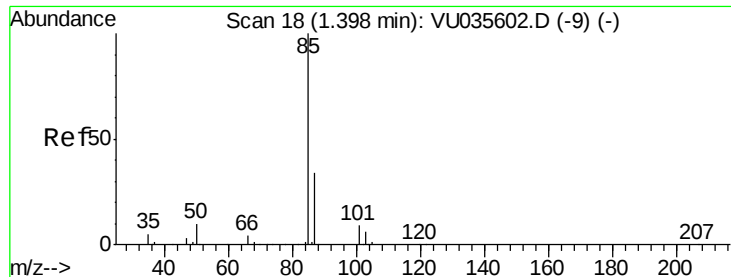
Data File : VU035605.D

```
Acq On       : 04 Nov 2019   13:42
Operator    : JC/SP
Sample      : VSTDICV005
Misc        : 25.0mL/MSV0A_U/WATER
ALS Vial    : 9   Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VICV01

Quant Time: Nov 05 02:38:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 02:35:58 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 5.296 ug/L

RT: 1.40 min Scan# 18

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampled :

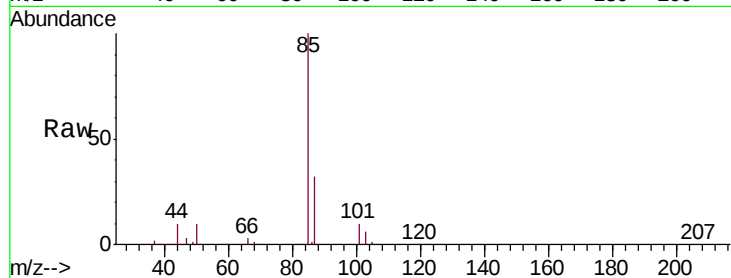
VICV01

Tgt Ion: 85 Resp: 141324

Ion Ratio Lower Upper

85 100

87 32.4 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VU035605.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU035605.D (-9) (-)

1.40

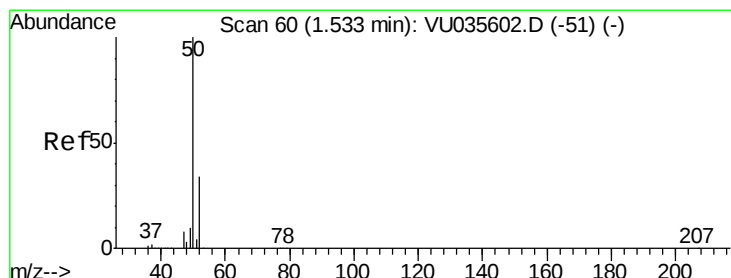
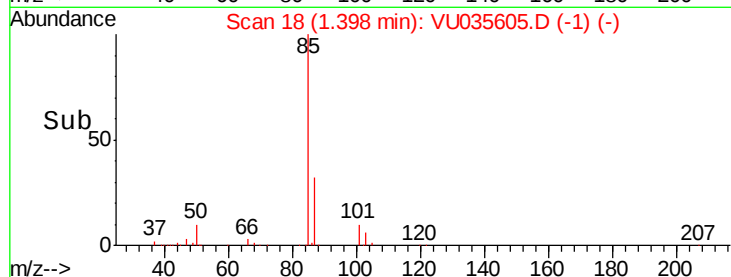
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 5.272 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU035605.D

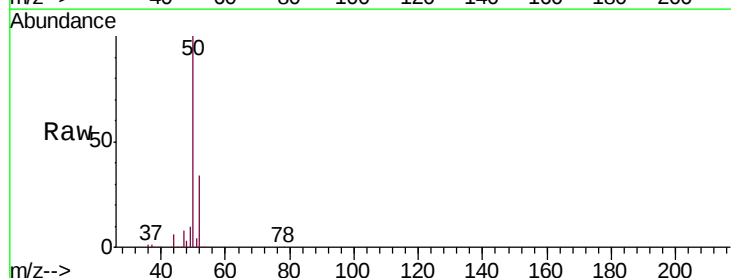
Acq: 04 Nov 2019 13:42

Tgt Ion: 50 Resp: 162273

Ion Ratio Lower Upper

50 100

52 33.6 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VU035605.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU035605.D (-51) (-)

1.53

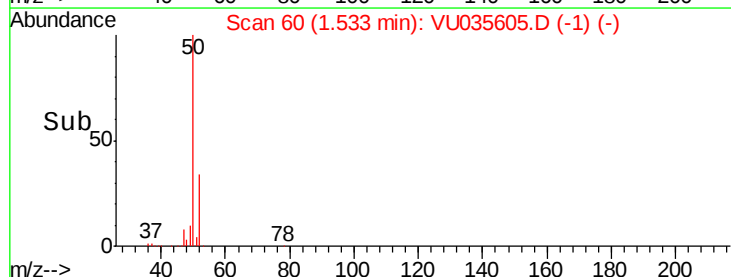
150000

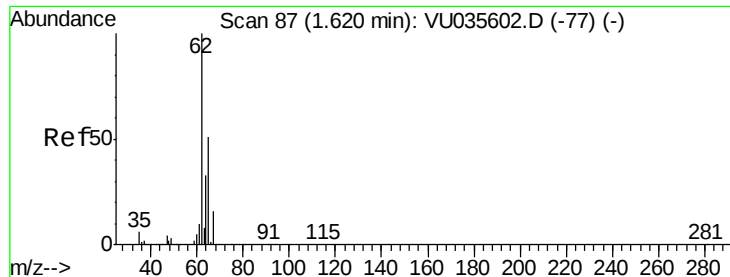
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 5.260 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

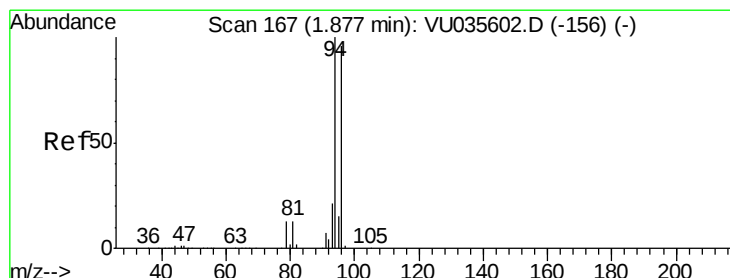
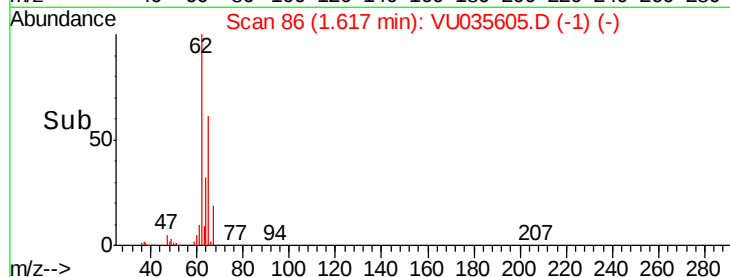
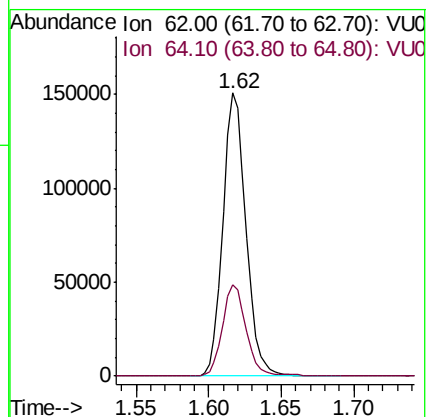
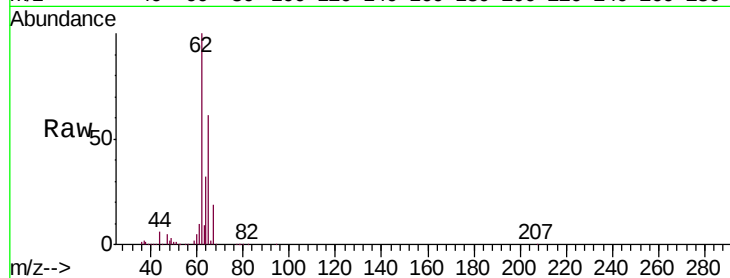
VICV01

Tgt Ion: 62 Resp: 165885

Ion Ratio Lower Upper

62 100

64 32.2 23.5 43.7



#6

Bromomethane

Concen: 4.955 ug/L

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU035605.D

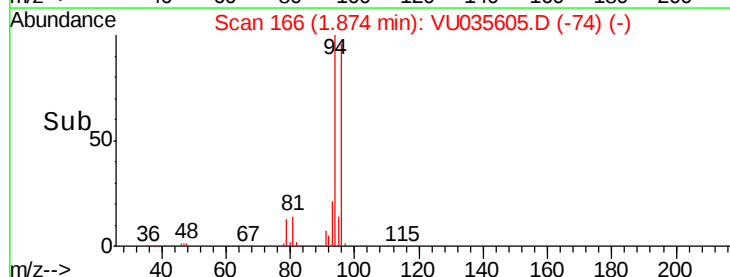
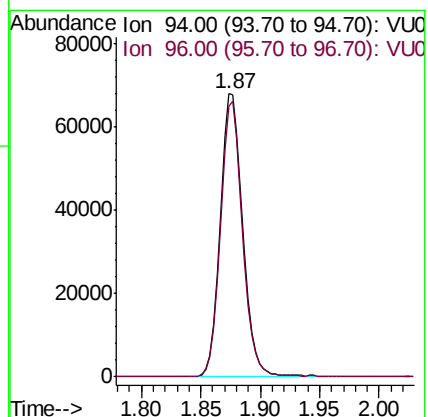
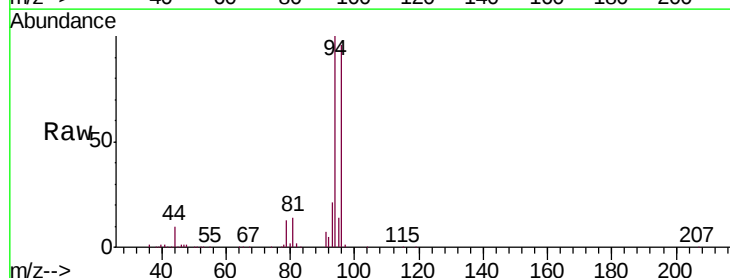
Acq: 04 Nov 2019 13:42

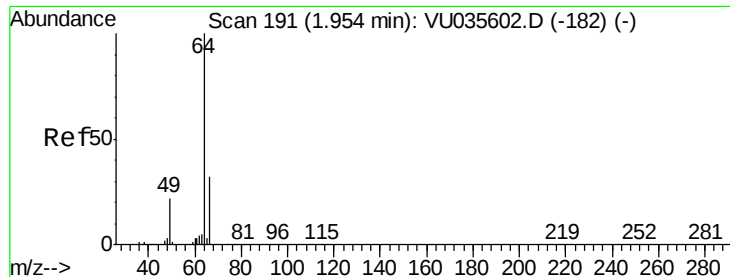
Tgt Ion: 94 Resp: 89075

Ion Ratio Lower Upper

94 100

96 95.7 66.8 124.2





#8

Chloroethane

Concen: 5.366 ug/L

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

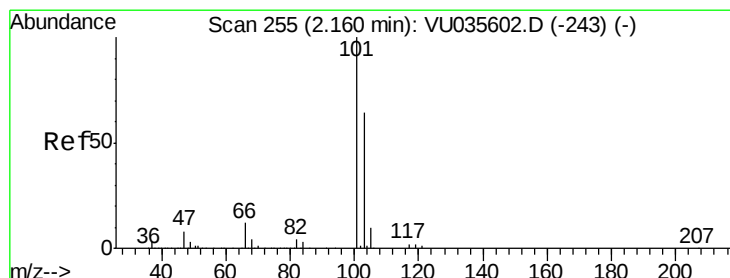
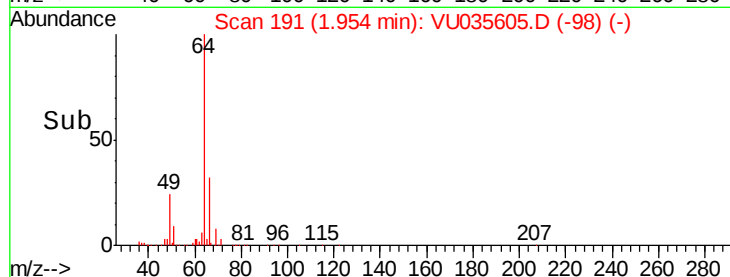
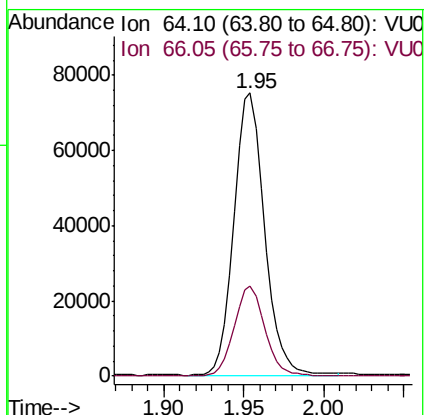
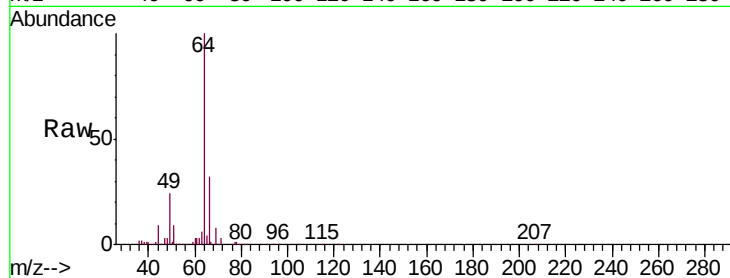
VICV01

Tgt Ion: 64 Resp: 97081

Ion Ratio Lower Upper

64 100

66 32.0 22.5 41.7



#9

Trichlorofluoromethane

Concen: 5.254 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU035605.D

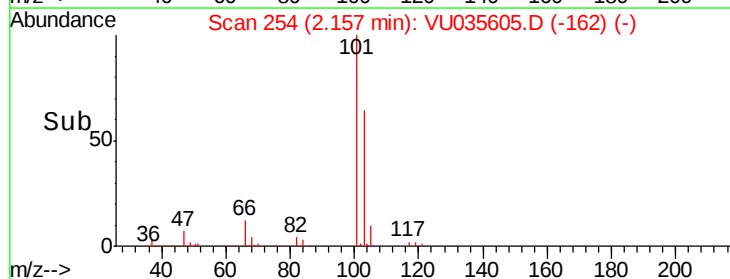
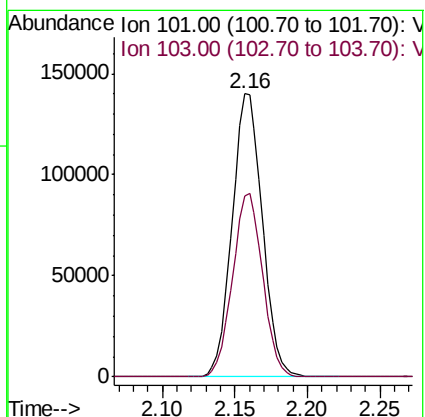
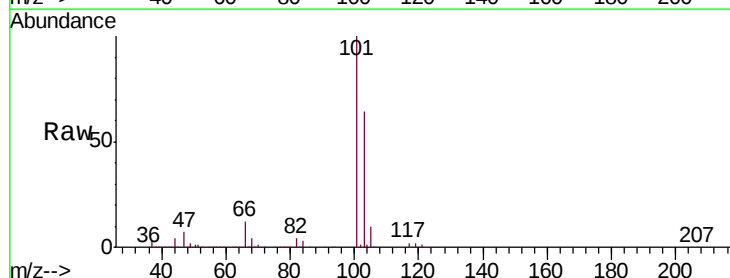
Acq: 04 Nov 2019 13:42

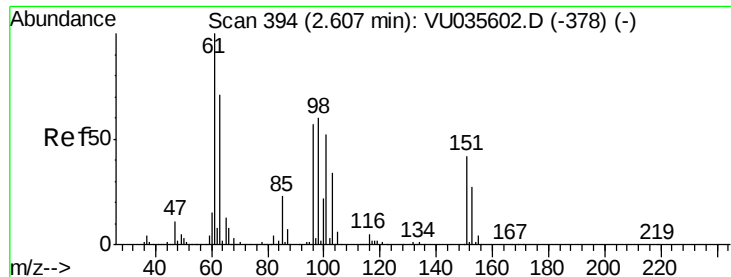
Tgt Ion: 101 Resp: 202136

Ion Ratio Lower Upper

101 100

103 64.4 51.8 77.6





#10

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

Concen: 5.203 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

VICV01

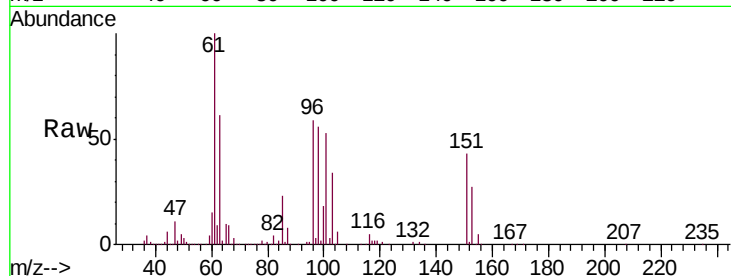
Tgt Ion: 101 Resp: 118244

Ion Ratio Lower Upper

101 100

85 43.4 35.0 52.6

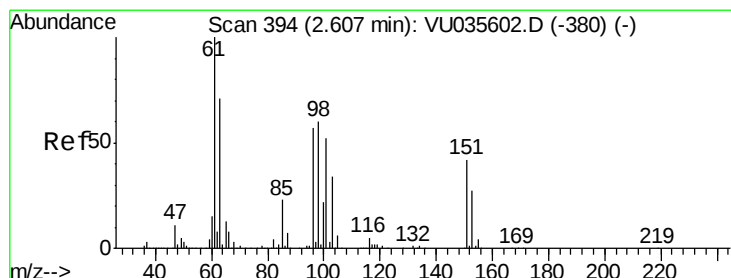
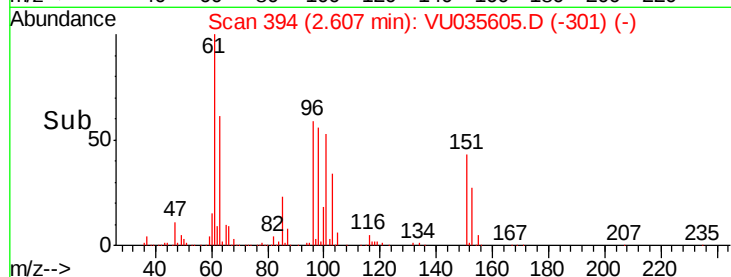
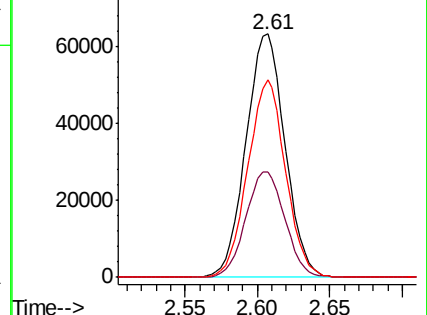
151 78.5 64.0 96.0



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: 5.154 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

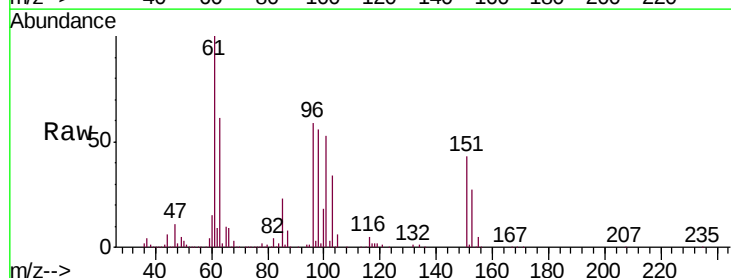
Tgt Ion: 96 Resp: 112398

Ion Ratio Lower Upper

96 100

61 170.2 123.1 228.5

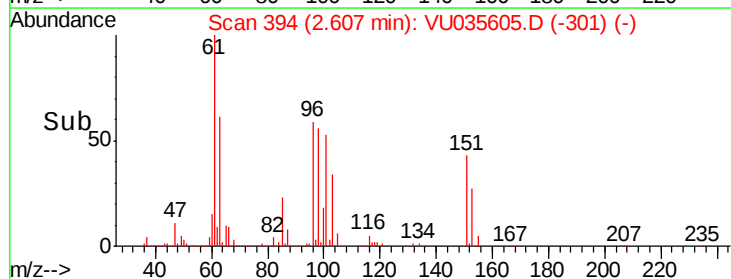
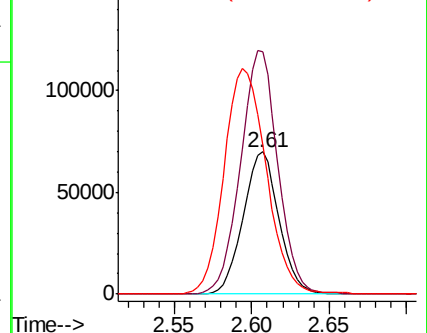
63 104.5 87.8 163.0

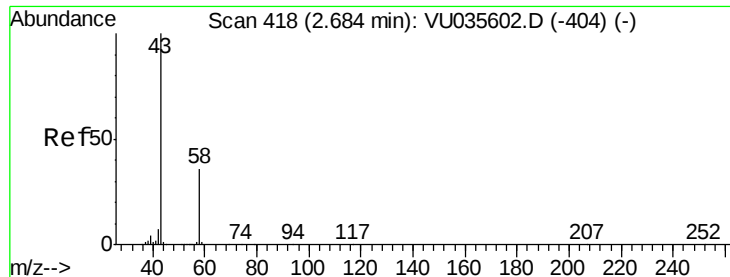


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 47.157 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

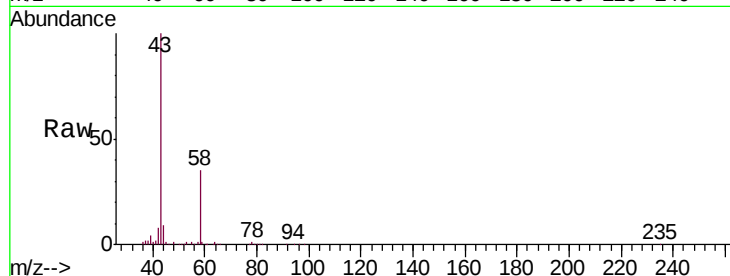
VICV01

Tgt Ion: 43 Resp: 191639

Ion Ratio Lower Upper

43 100

58 34.4 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035602.D (-404) (-)

Ion 58.05 (57.75 to 58.75): VU035602.D (-404) (-)

2.69

80000

60000

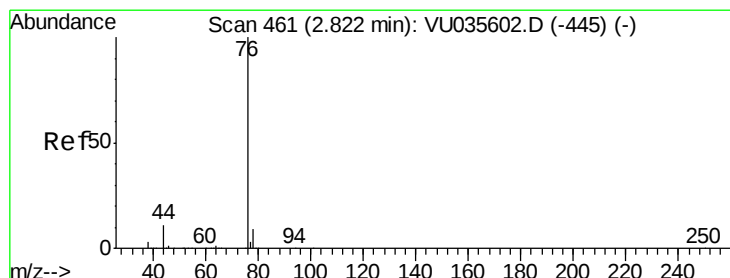
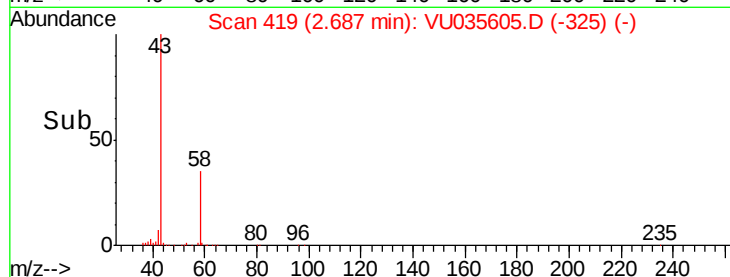
40000

20000

0

2.60 2.70 2.80

Time-->



#14

Carbon disulfide

Concen: 5.125 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU035605.D

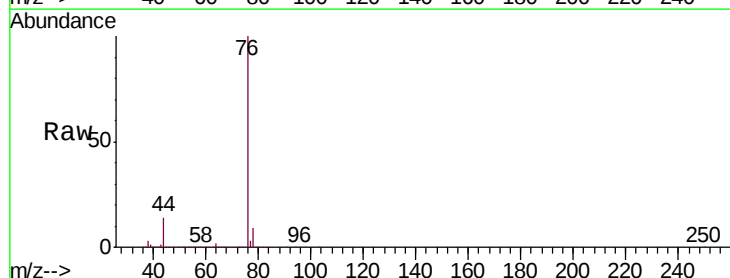
Acq: 04 Nov 2019 13:42

Tgt Ion: 76 Resp: 362473

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU035602.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU035602.D (-445) (-)

250000

200000

150000

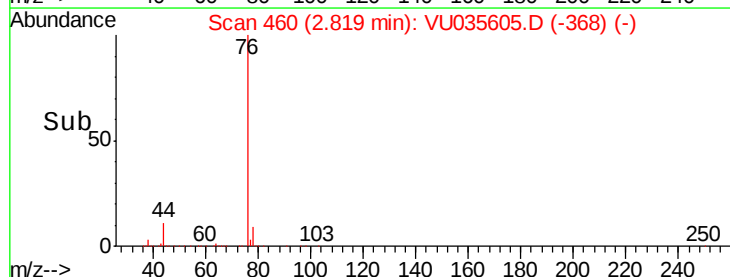
100000

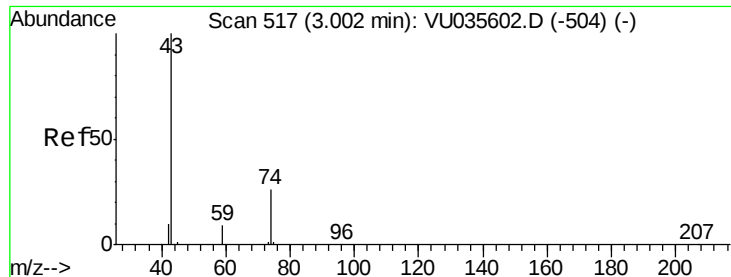
50000

0

2.70 2.80 2.90

Time-->





#15

Methyl Acetate

Concen: 4.796 ug/L

RT: 3.00 min Scan# 516

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

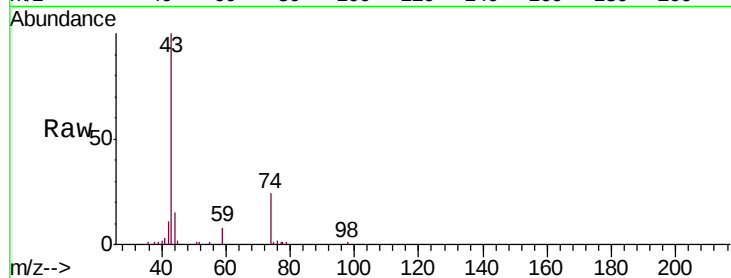
VICV01

Tgt Ion: 43 Resp: 45272

Ion Ratio Lower Upper

43 100

74 26.3 21.0 31.6



Abundance Ion 43.05 (42.75 to 43.75): VU035602.D (-504) (-)

Ion 74.05 (73.75 to 74.75): VU035602.D (-504) (-)

25000

20000

15000

10000

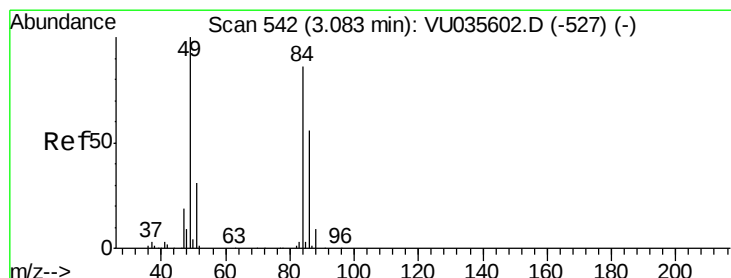
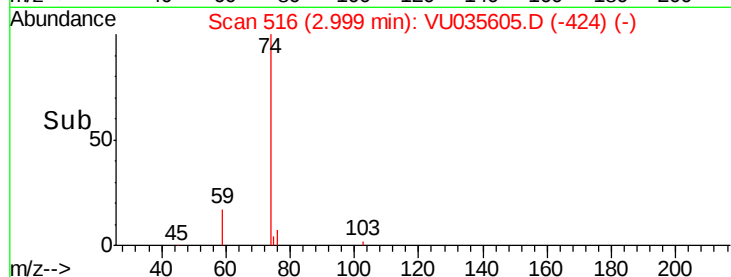
5000

0

Time-->

2.95 3.00 3.05 3.10

3.00



#16

Methylene chloride

Concen: 4.881 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

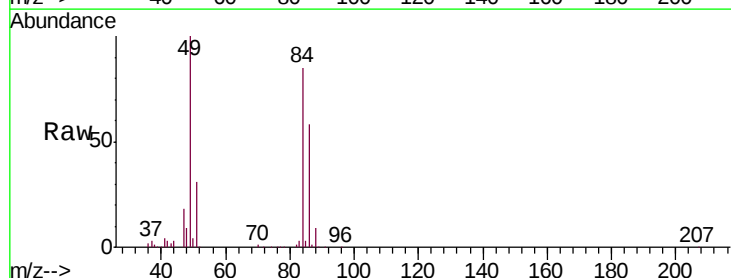
Tgt Ion: 84 Resp: 126208

Ion Ratio Lower Upper

84 100

86 68.2 45.8 85.2

49 117.2 81.9 152.1



Abundance Ion 84.05 (83.75 to 84.75): VU035602.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU035602.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU035602.D (-527) (-)

100000

80000

60000

40000

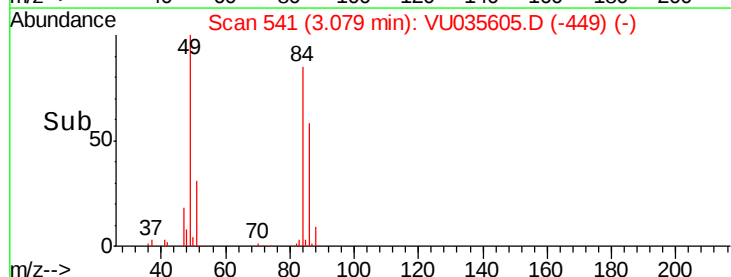
20000

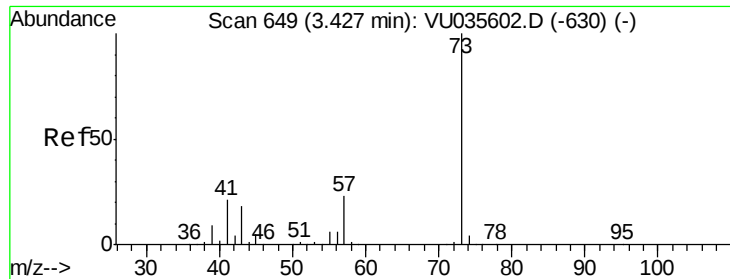
0

Time-->

3.00 3.10 3.20

3.08





#17

Methyl tert-butyl Ether

Concen: 5.128 ug/L

RT: 3.42 min Scan# 648

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampled :

VICV01

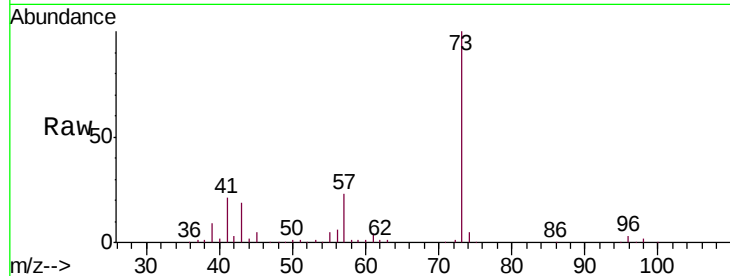
Tgt Ion: 73 Resp: 262119

Ion Ratio Lower Upper

73 100

43 18.7 14.4 21.6

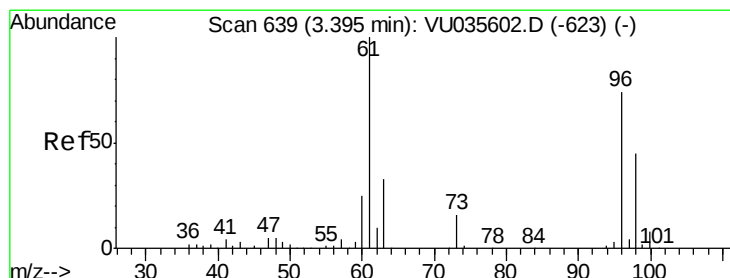
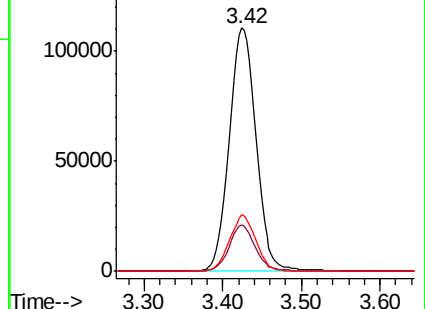
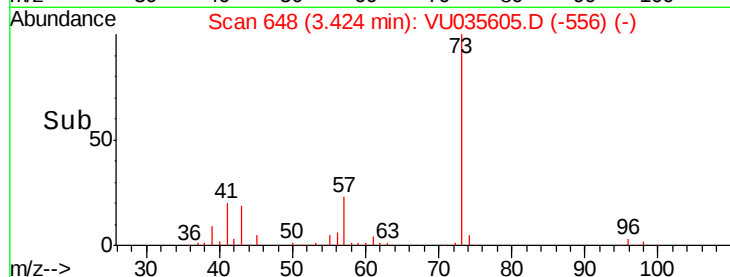
57 22.6 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VU035605.D (-556) (-)

Ion 43.05 (42.75 to 43.75): VU035605.D (-556) (-)

Ion 57.10 (56.80 to 57.80): VU035605.D (-556) (-)



#18

trans-1,2-Dichloroethene

Concen: 5.245 ug/L

RT: 3.39 min Scan# 637

Delta R.T. -0.01 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

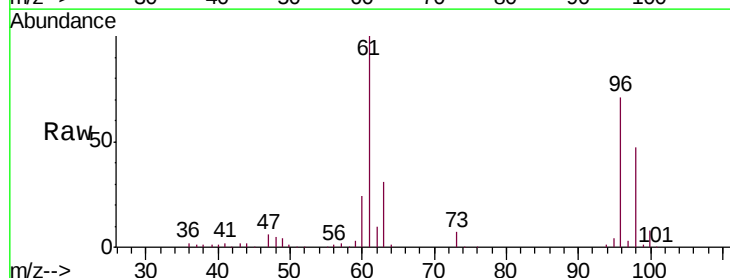
Tgt Ion: 96 Resp: 117800

Ion Ratio Lower Upper

96 100

61 140.6 95.0 176.4

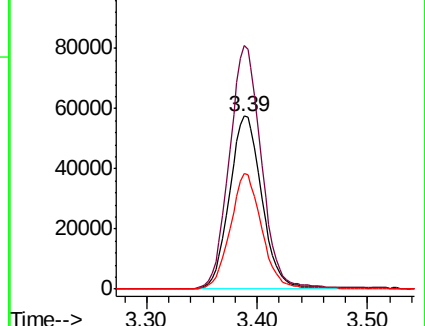
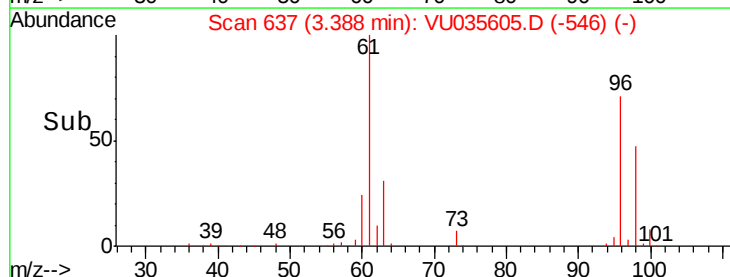
98 66.8 42.5 78.9

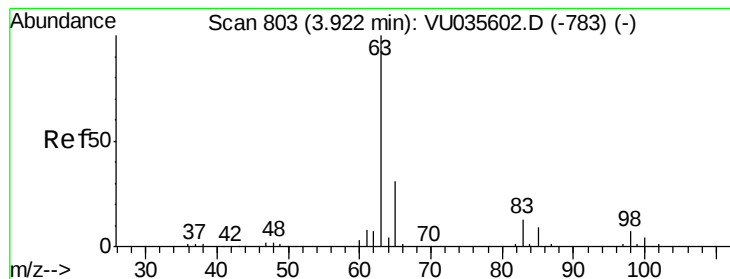


Abundance Ion 96.00 (95.70 to 96.70): VU035605.D (-546) (-)

Ion 61.05 (60.75 to 61.75): VU035605.D (-546) (-)

Ion 97.95 (97.65 to 98.65): VU035605.D (-546) (-)





#19

1,1-Dichloroethane

Concen: 5.271 ug/L

RT: 3.92 min Scan# 801

Delta R.T. -0.01 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

VICV01

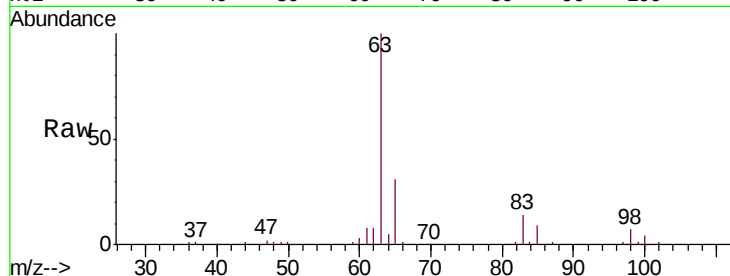
Tgt Ion: 63 Resp: 219807

Ion Ratio Lower Upper

63 100

65 31.4 22.0 40.8

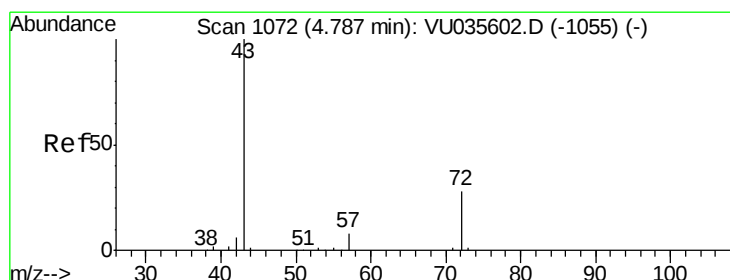
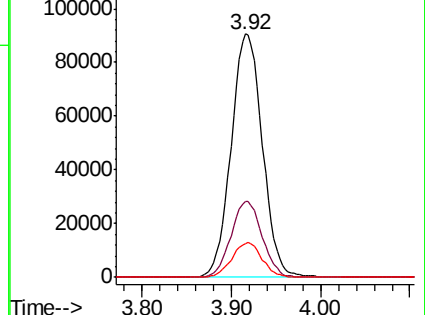
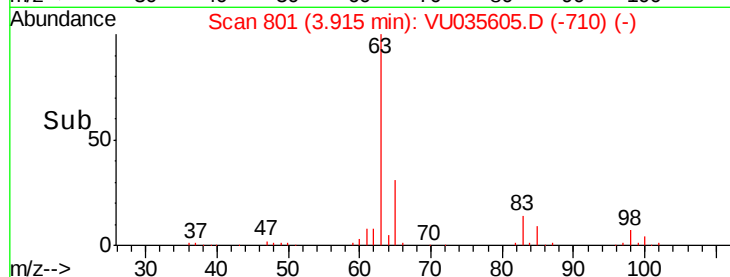
83 13.8 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU035605.D (-710) (-)

Ion 65.10 (64.80 to 65.80): VU035605.D (-710) (-)

Ion 83.05 (82.75 to 83.75): VU035605.D (-710) (-)



#21

2-Butanone

Concen: 50.025 ug/L

RT: 4.79 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VU035605.D

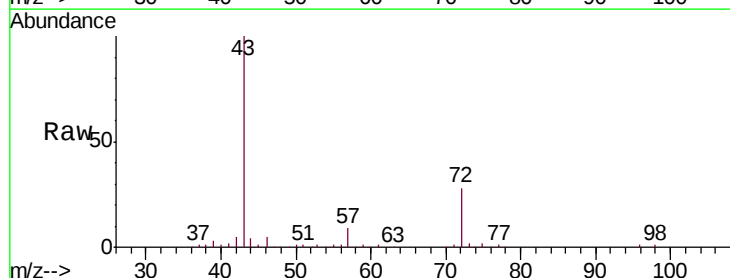
Acq: 04 Nov 2019 13:42

Tgt Ion: 43 Resp: 301868

Ion Ratio Lower Upper

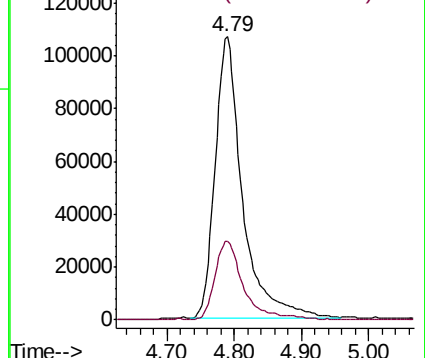
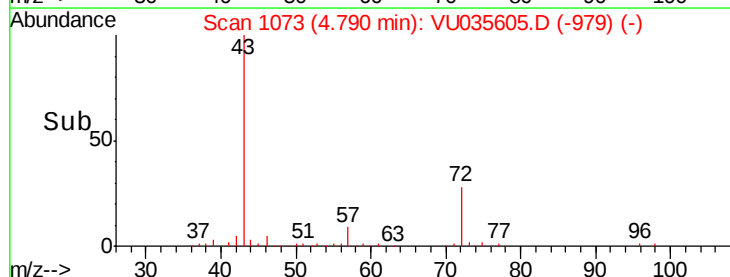
43 100

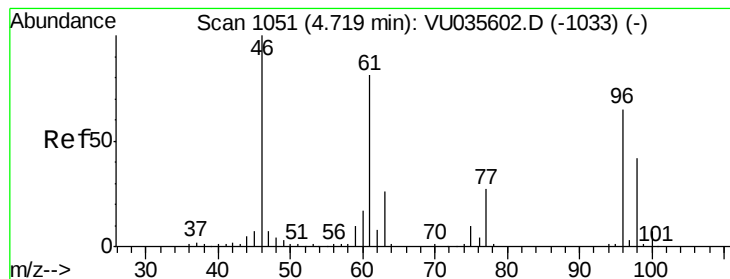
72 28.3 14.3 42.9



Abundance Ion 43.05 (42.75 to 43.75): VU035605.D (-979) (-)

Ion 72.10 (71.80 to 72.80): VU035605.D (-979) (-)





#22

cis-1,2-Dichloroethene

Concen: 5.120 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

VICV01

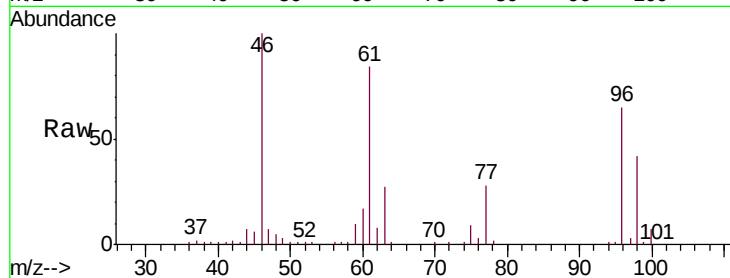
Tgt Ion: 96 Resp: 126986

Ion Ratio Lower Upper

96 100

61 129.5 87.0 161.6

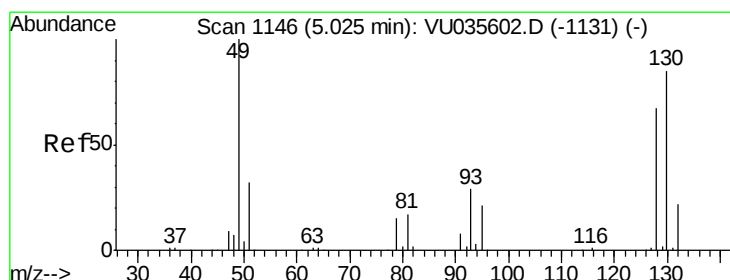
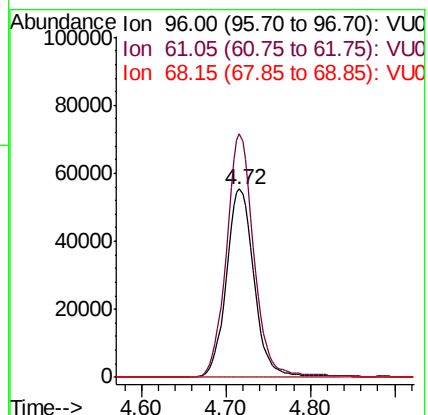
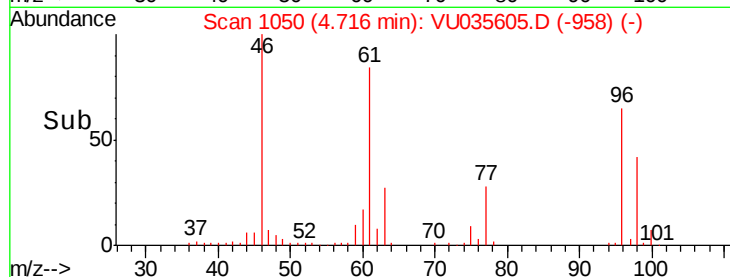
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035605.D (-958) (-)

Ion 61.05 (60.75 to 61.75): VU035605.D (-958) (-)

Ion 68.15 (67.85 to 68.85): VU035605.D (-958) (-)



#23

Bromochloromethane

Concen: 5.021 ug/L

RT: 5.02 min Scan# 1145

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Tgt Ion: 128 Resp: 58980

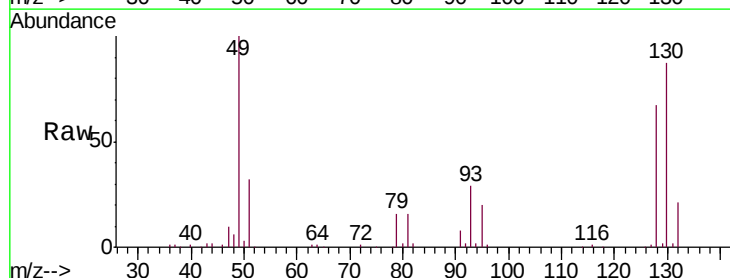
Ion Ratio Lower Upper

128 100

49 149.7 104.1 193.3

130 129.8 88.4 164.2

51 48.5 37.7 56.5

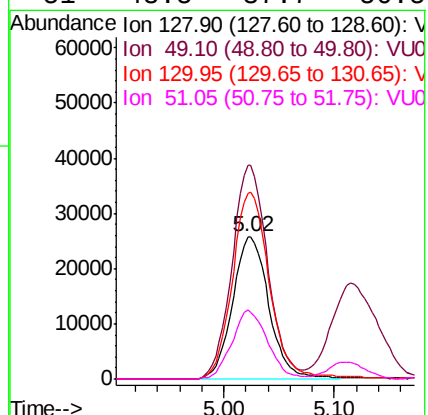
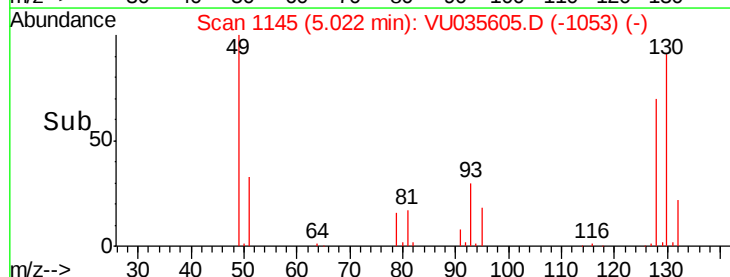


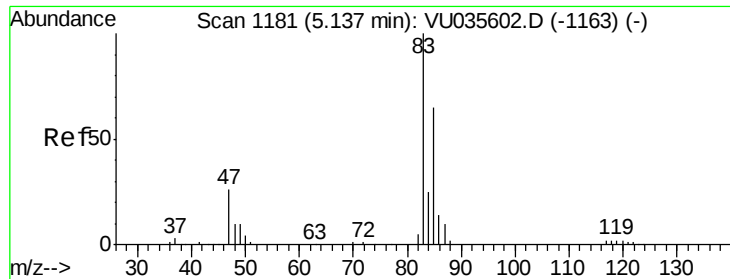
Abundance Ion 127.90 (127.60 to 128.60): VU035605.D (-1053) (-)

Ion 49.10 (48.80 to 49.80): VU035605.D (-1053) (-)

Ion 129.95 (129.65 to 130.65): VU035605.D (-1053) (-)

Ion 51.05 (50.75 to 51.75): VU035605.D (-1053) (-)

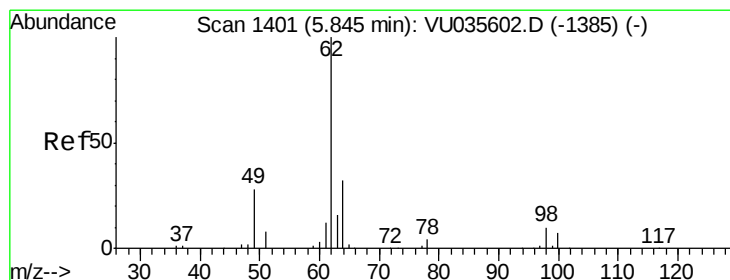
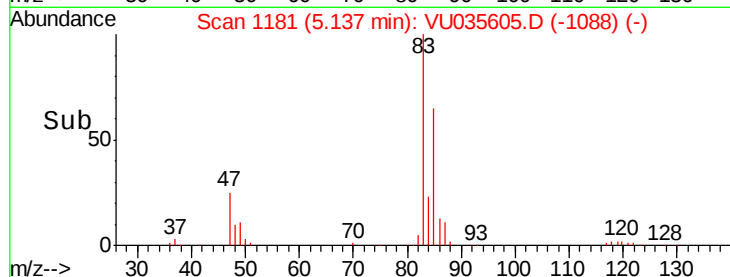
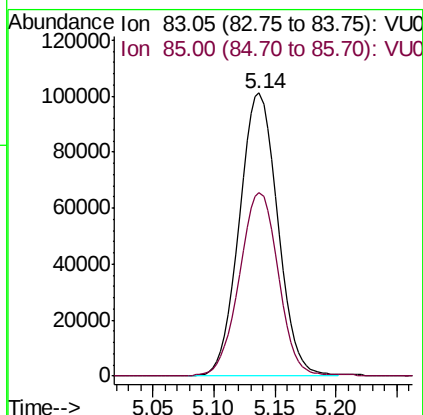
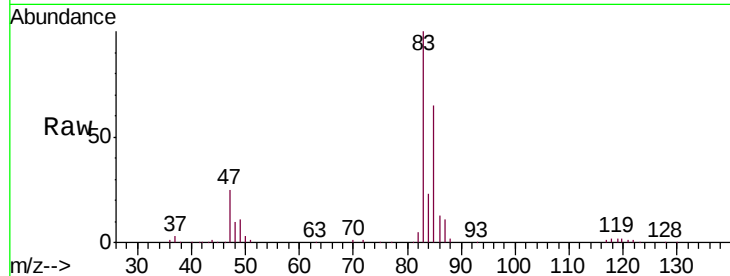




#25
Chloroform
Concen: 4.859 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035605.D
Acq: 04 Nov 2019 13:42

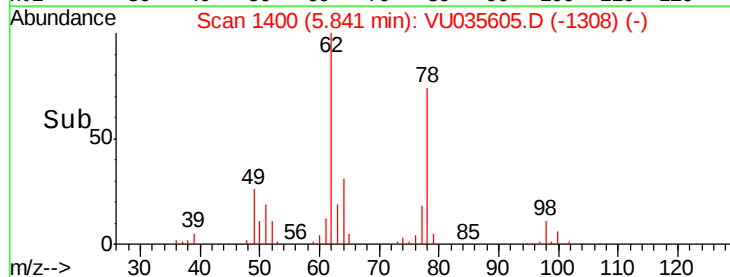
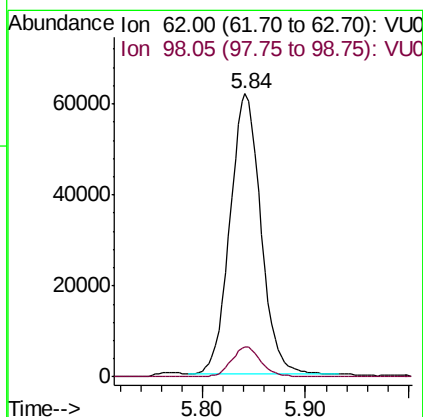
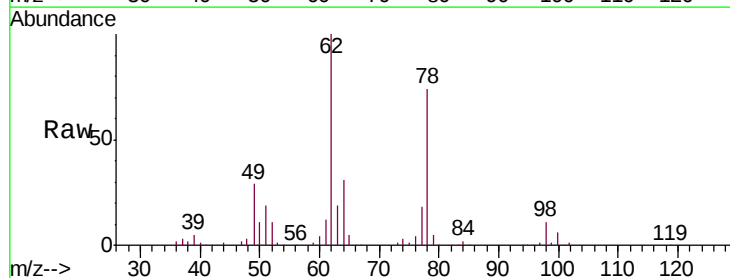
Instrument :
MSVOA_U
ClientSampleId :
VICV01

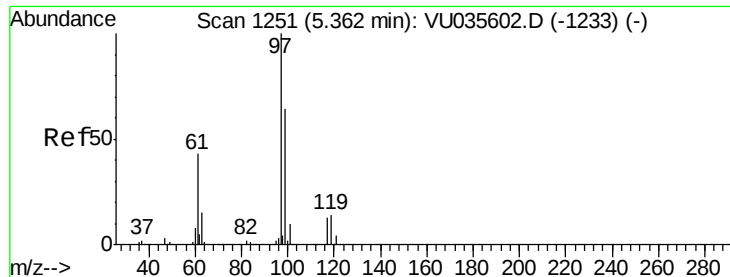
Tgt Ion: 83 Resp: 220357
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.107 ug/L
RT: 5.84 min Scan# 1400
Delta R.T. -0.00 min
Lab File: VU035605.D
Acq: 04 Nov 2019 13:42

Tgt Ion: 62 Resp: 128879
Ion Ratio Lower Upper
62 100
98 10.6 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 5.082 ug/L

RT: 5.36 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

VICV01

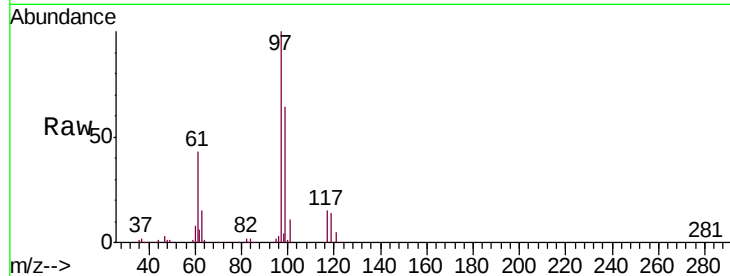
Tgt Ion: 97 Resp: 185503

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

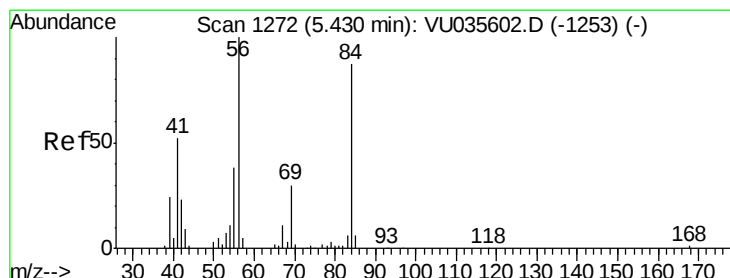
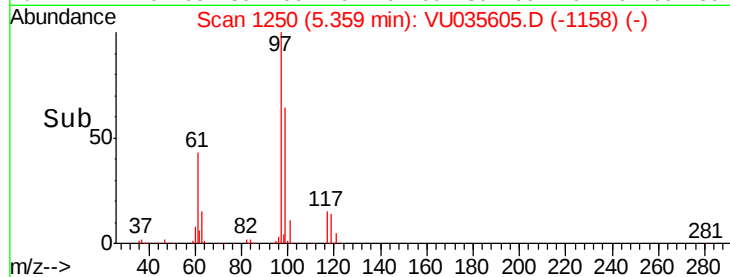
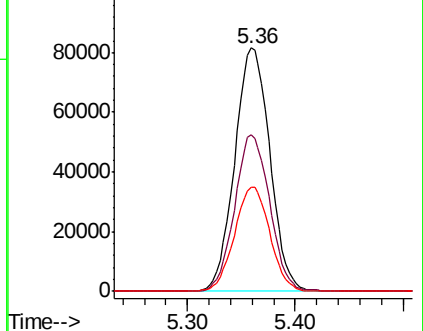
61 42.8 34.4 51.6



Abundance Ion 96.95 (96.65 to 97.65): VU035605.D (-1158) (-)

Ion 99.05 (98.75 to 99.75): VU035605.D (-1158) (-)

Ion 61.05 (60.75 to 61.75): VU035605.D (-1158) (-)



#30

Cyclohexane

Concen: 5.057 ug/L

RT: 5.43 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

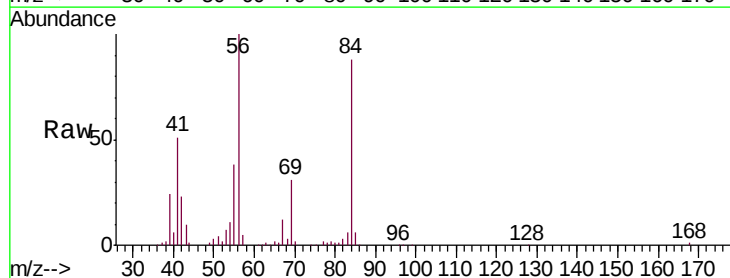
Tgt Ion: 56 Resp: 184568

Ion Ratio Lower Upper

56 100

69 30.7 24.6 37.0

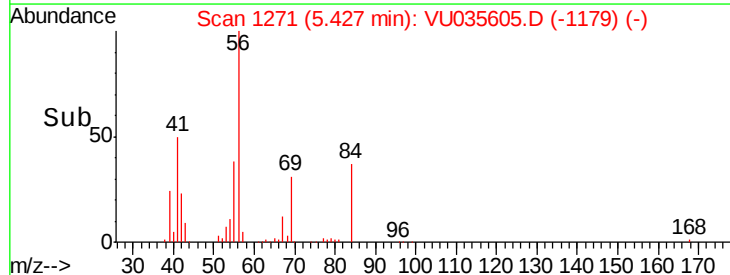
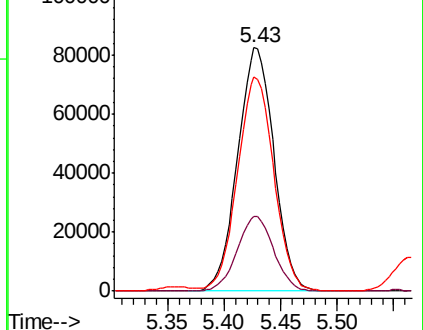
84 87.7 69.7 104.5

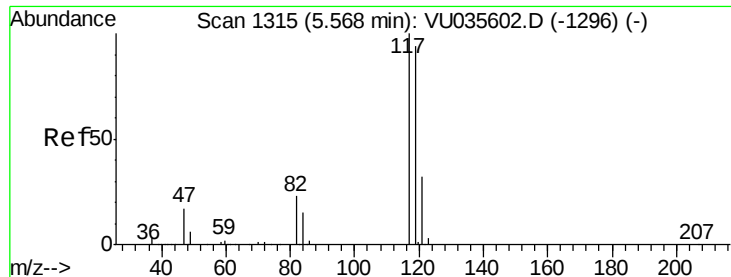


Abundance Ion 56.10 (55.80 to 56.80): VU035605.D (-1179) (-)

Ion 69.15 (68.85 to 69.85): VU035605.D (-1179) (-)

Ion 84.15 (83.85 to 84.85): VU035605.D (-1179) (-)





#31

Carbon tetrachloride

Concen: 5.044 ug/L

RT: 5.56 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

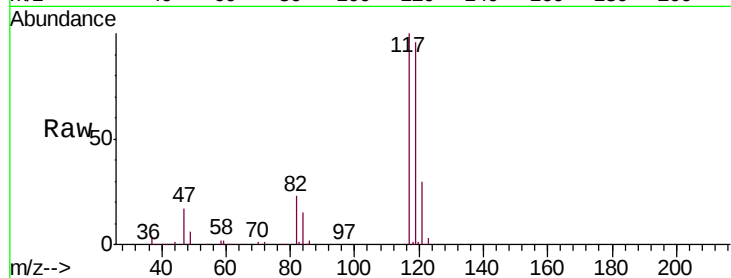
VICV01

Tgt Ion:117 Resp: 165950

Ion Ratio Lower Upper

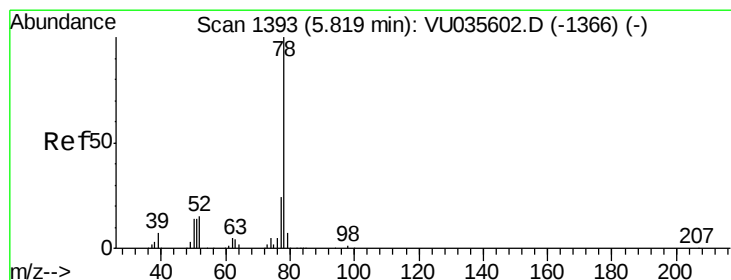
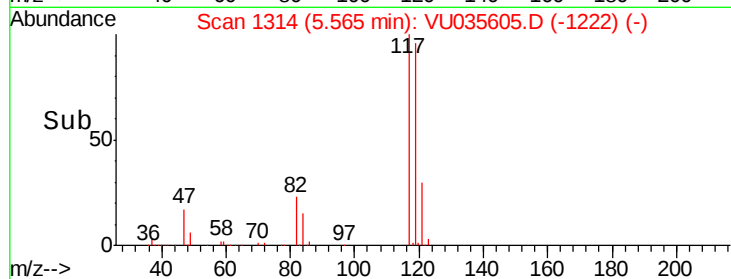
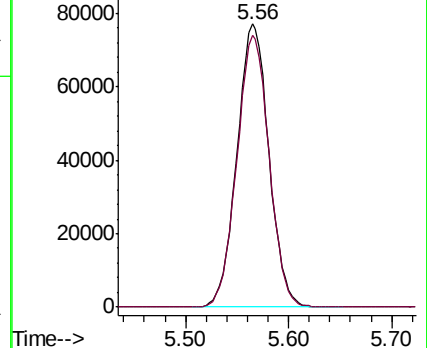
117 100

119 96.7 75.3 112.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.040 ug/L

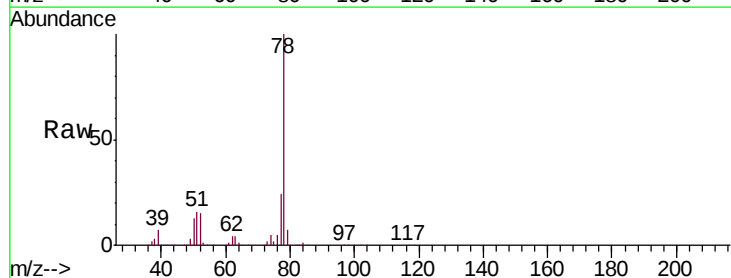
RT: 5.82 min Scan# 1392

Delta R.T. -0.00 min

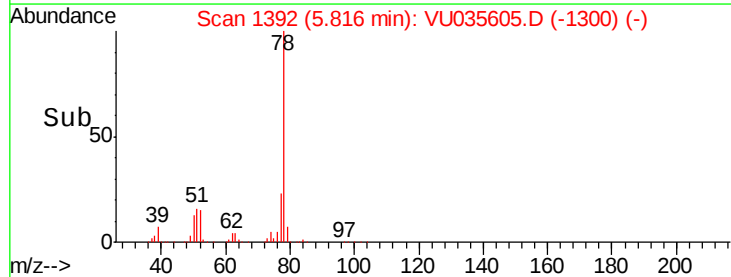
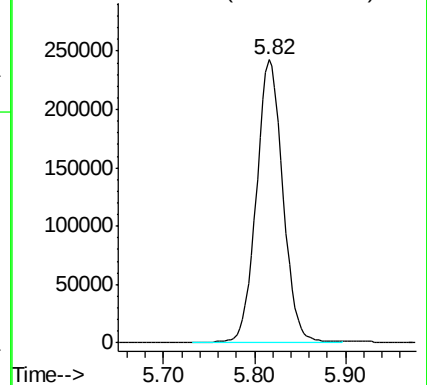
Lab File: VU035605.D

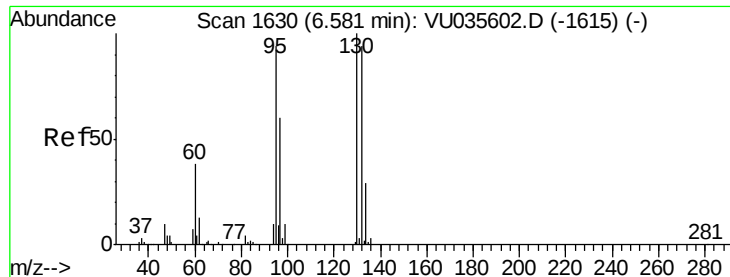
Acq: 04 Nov 2019 13:42

Tgt Ion: 78 Resp: 491857



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 5.093 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

VICV01

Tgt Ion: 95 Resp: 127193

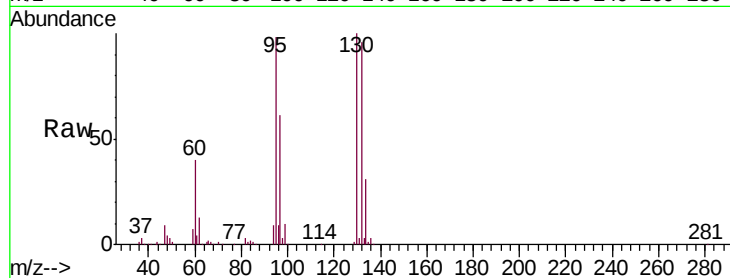
Ion Ratio Lower Upper

95 100

97 62.5 44.5 82.7

132 97.9 69.9 129.7

130 102.1 74.1 137.7

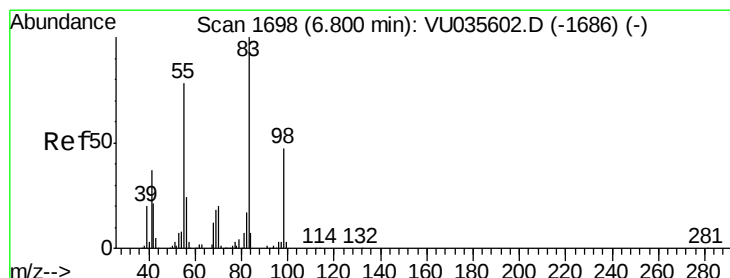
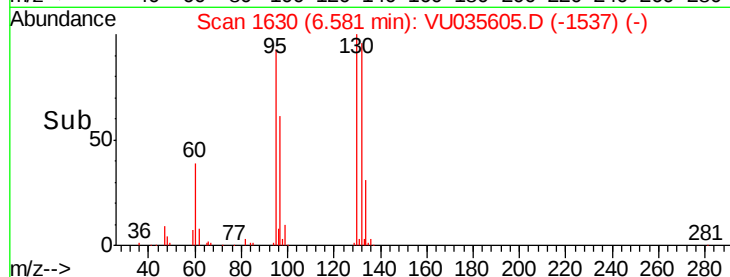
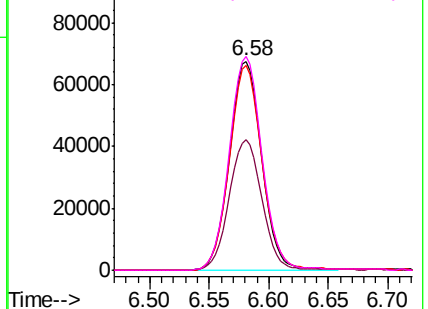


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 5.065 ug/L

RT: 6.80 min Scan# 1697

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

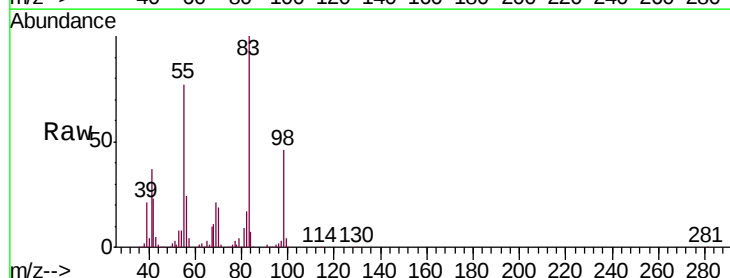
Tgt Ion: 83 Resp: 192717

Ion Ratio Lower Upper

83 100

55 78.1 62.6 93.8

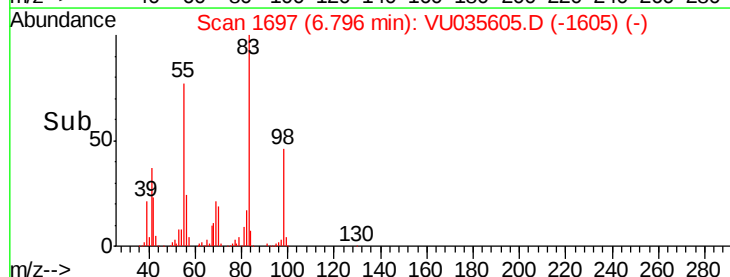
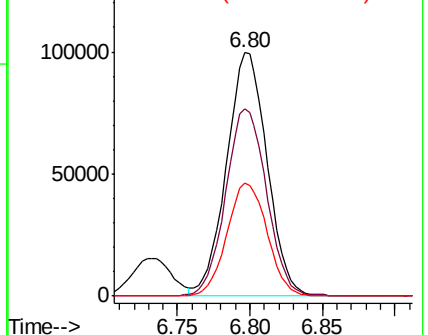
98 46.3 37.2 55.8

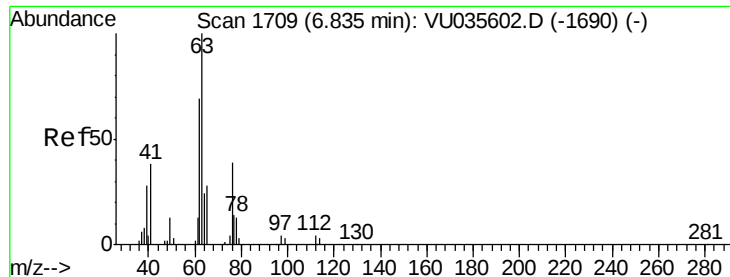


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

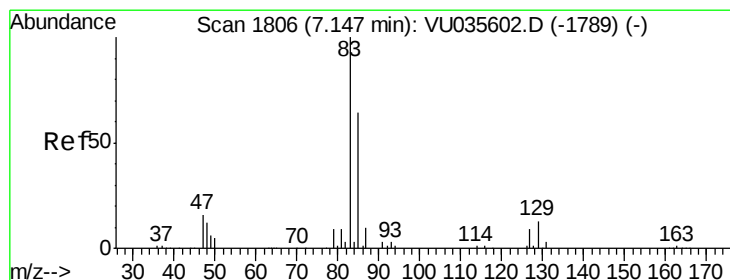
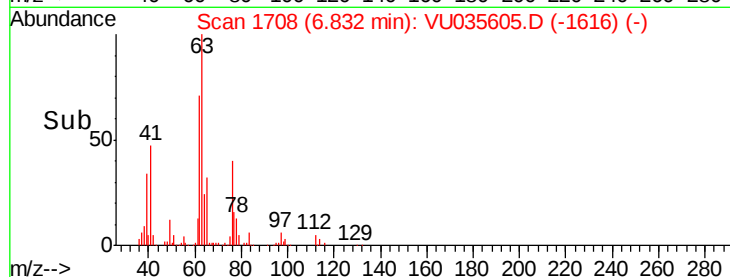
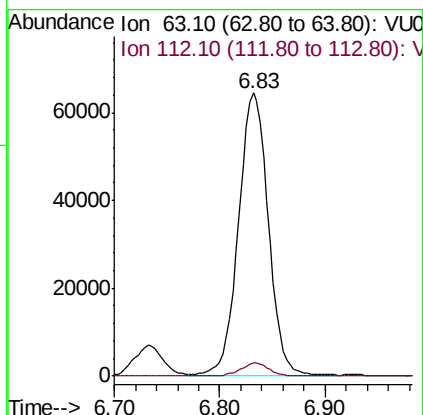
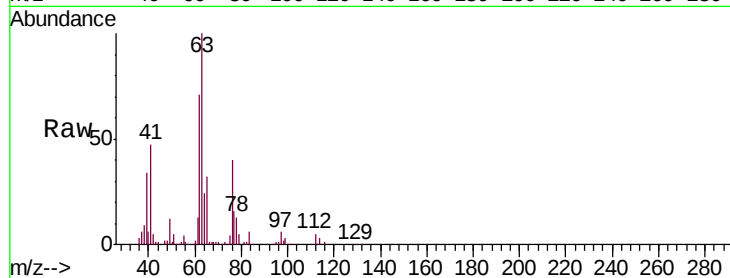




#37
 1,2-Dichloropropane
 Concen: 4.911 ug/L
 RT: 6.83 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: VU035605.D
 Acq: 04 Nov 2019 13:42

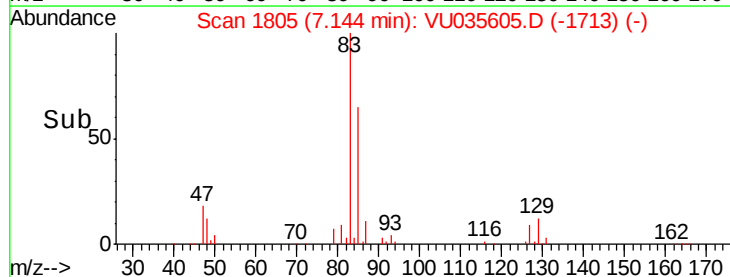
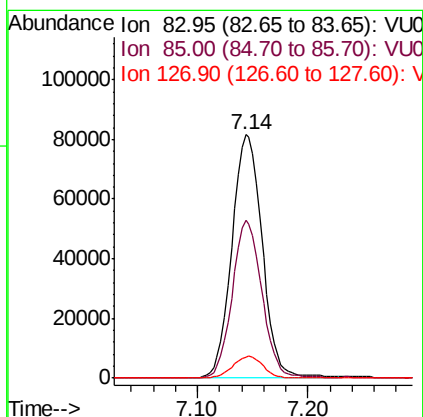
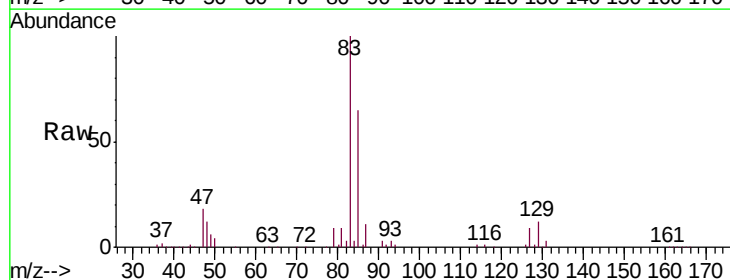
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV01

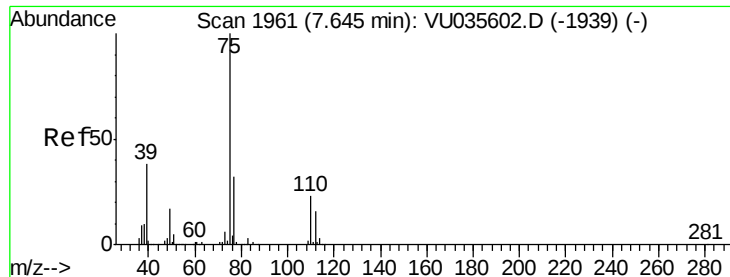
Tgt Ion: 63 Resp: 126292
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.4 5.2



#38
 Bromodichloromethane
 Concen: 5.009 ug/L
 RT: 7.14 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VU035605.D
 Acq: 04 Nov 2019 13:42

Tgt Ion: 83 Resp: 155835
 Ion Ratio Lower Upper
 83 100
 85 64.8 44.7 82.9
 127 8.8 7.1 10.7

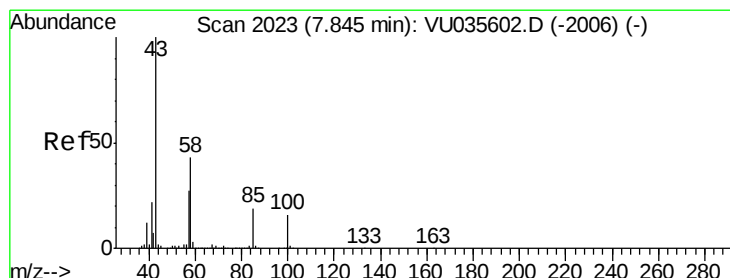
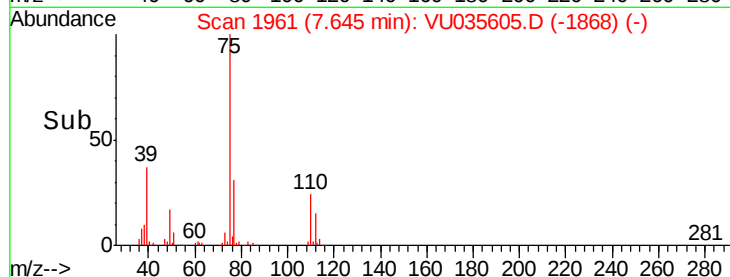
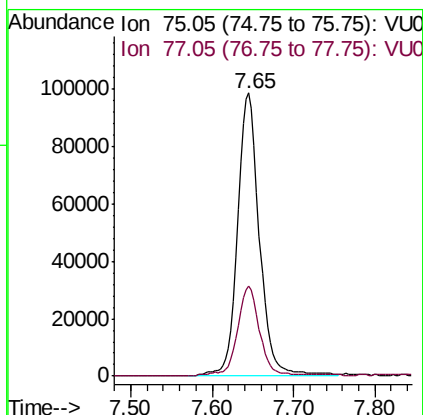
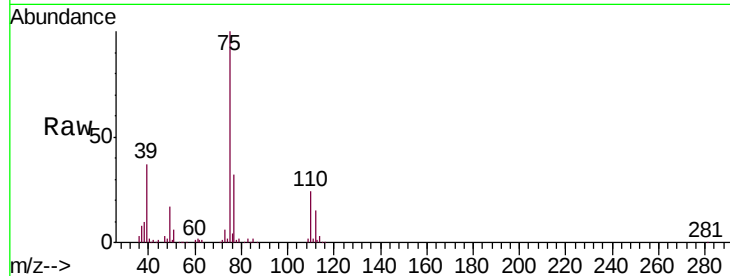




#39
 cis-1,3-Dichloropropene
 Concen: 5.044 ug/L
 RT: 7.65 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: VU035605.D
 Acq: 04 Nov 2019 13:42

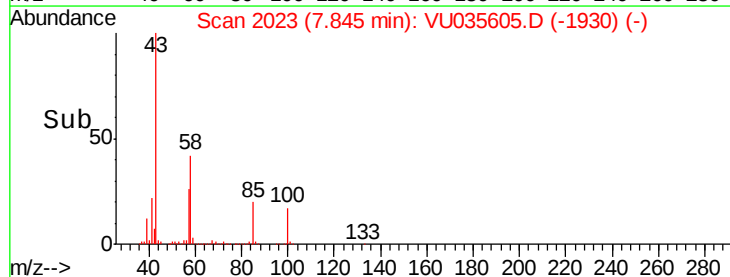
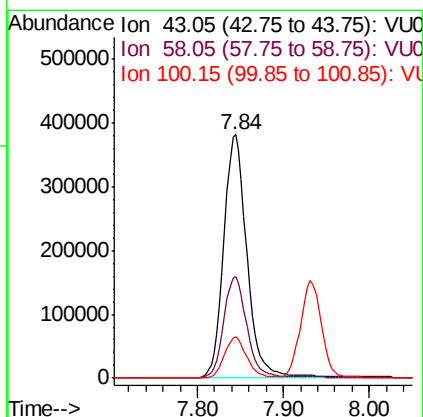
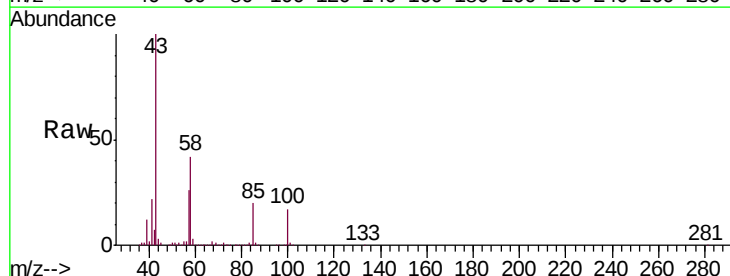
Instrument :
 MSVOA_U
 ClientSampled :
 VICV01

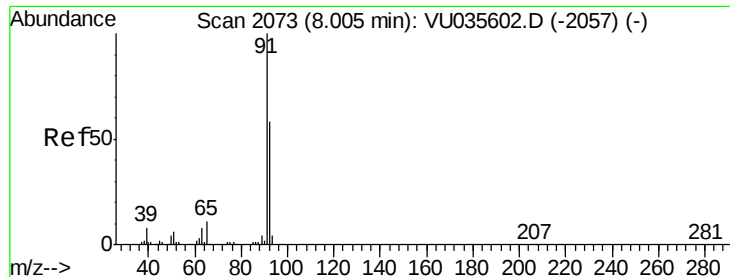
Tgt Ion: 75 Resp: 185121
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 48.855 ug/L
 RT: 7.84 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: VU035605.D
 Acq: 04 Nov 2019 13:42

Tgt Ion: 43 Resp: 722374
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.4 50.2
 100 16.2 12.7 19.1





#42

Toluene

Concen: 5.251 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

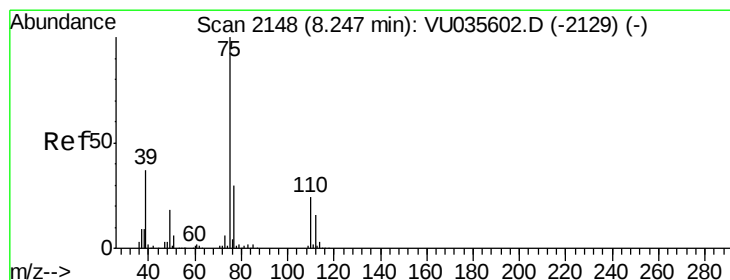
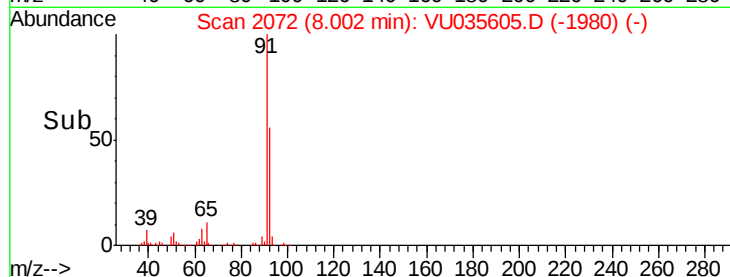
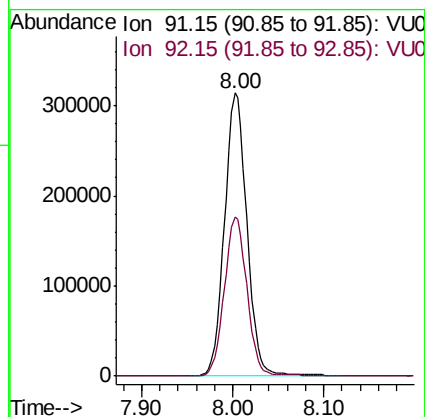
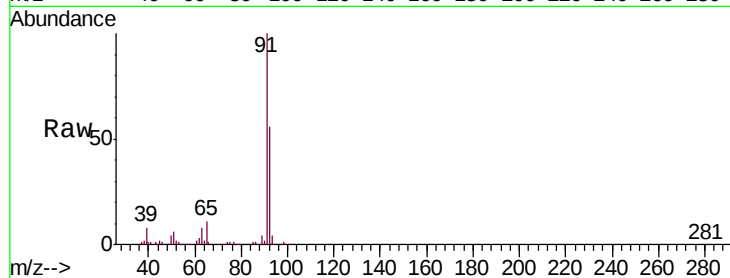
VICV01

Tgt Ion: 91 Resp: 539139

Ion Ratio Lower Upper

91 100

92 56.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.119 ug/L

RT: 8.25 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VU035605.D

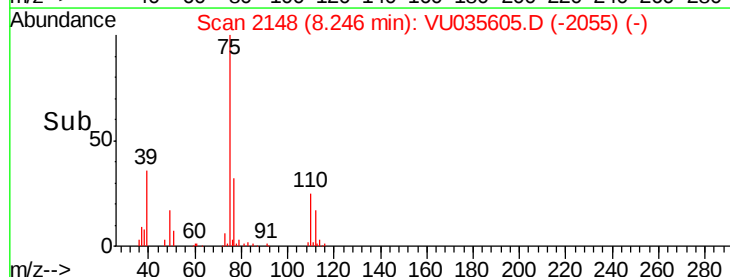
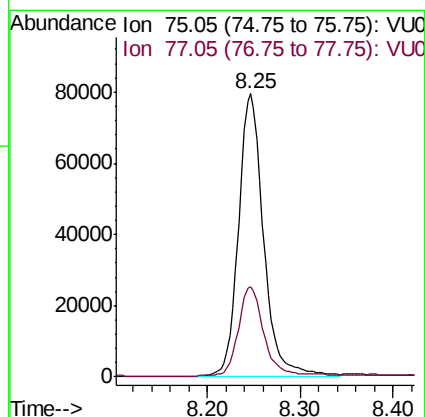
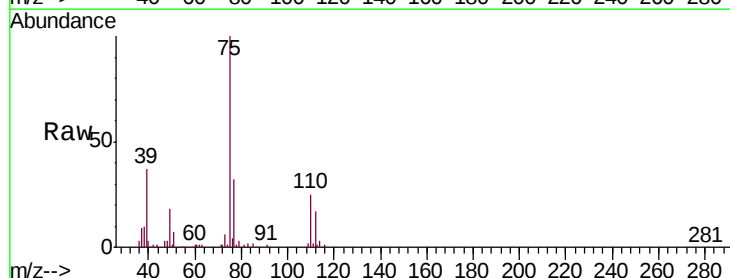
Acq: 04 Nov 2019 13:42

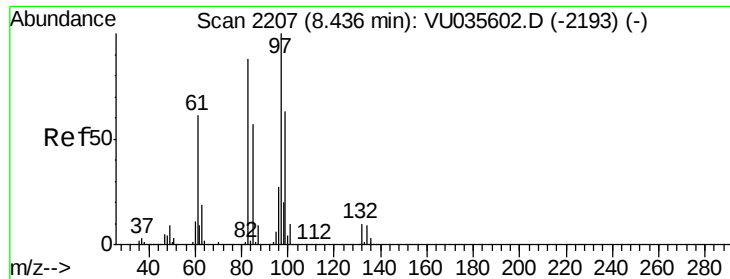
Tgt Ion: 75 Resp: 150213

Ion Ratio Lower Upper

75 100

77 32.0 21.6 40.2

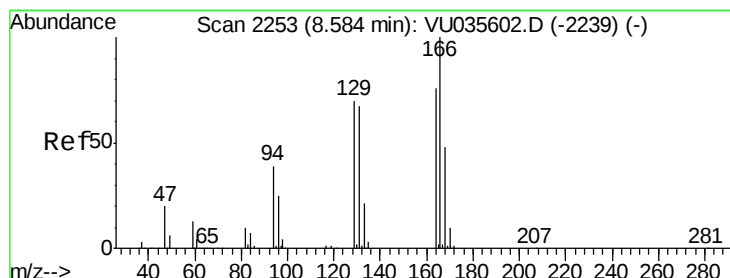
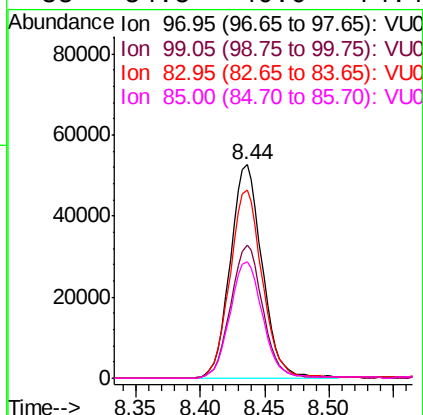
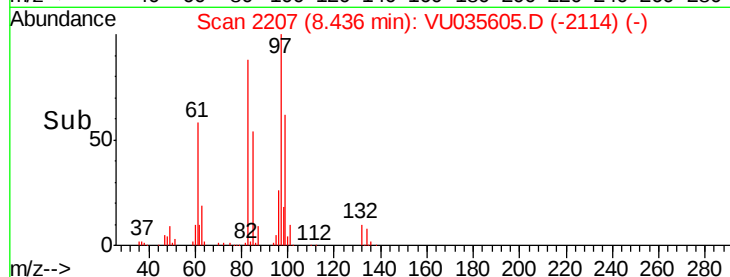
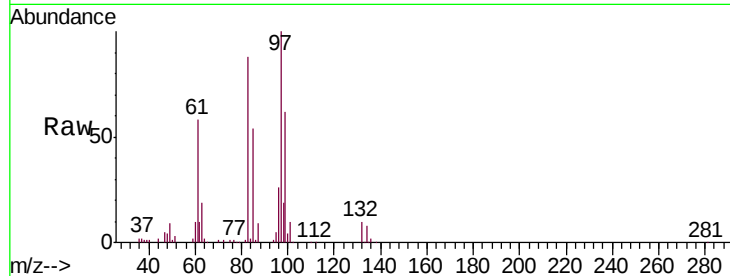




#45
 1,1,2-Trichloroethane
 Concen: 4.942 ug/L
 RT: 8.44 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: VU035605.D
 Acq: 04 Nov 2019 13:42

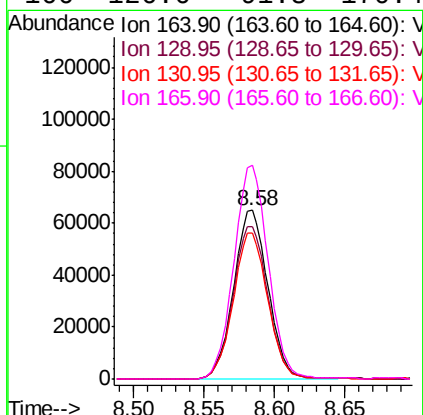
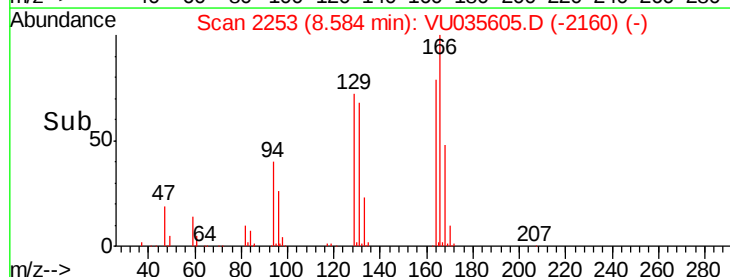
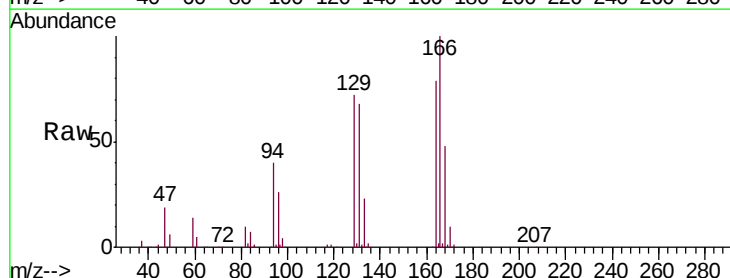
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV01

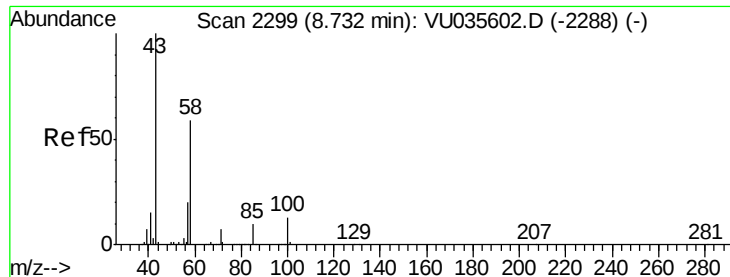
Tgt Ion:	97	Resp:	91004
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.8	81.4
83	87.8	61.6	114.4
85	54.5	40.0	74.4



#47
 Tetrachloroethene
 Concen: 5.104 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU035605.D
 Acq: 04 Nov 2019 13:42

Tgt Ion:	164	Resp:	111087
Ion	Ratio	Lower	Upper
164	100		
129	90.7	64.7	120.1
131	86.4	61.6	114.4
166	126.6	91.8	170.4

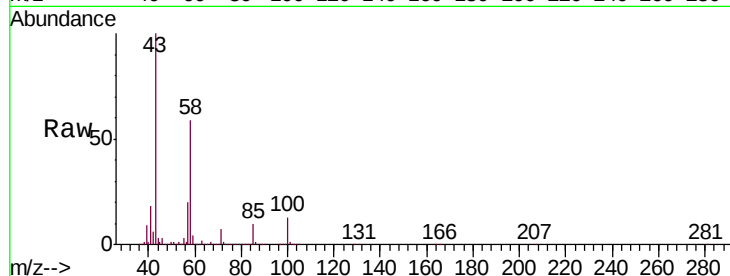




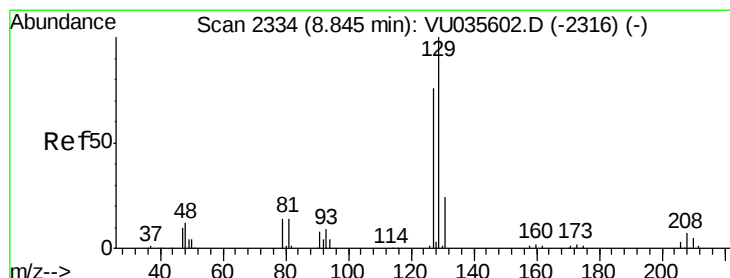
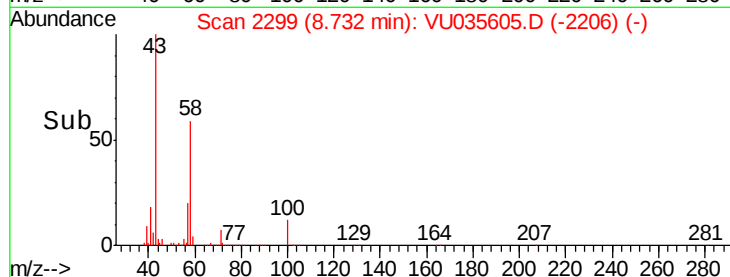
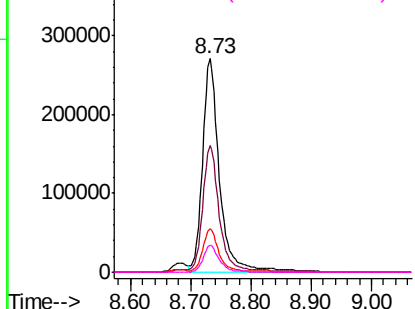
#48
2-Hexanone
Concen: 50.616 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VU035605.D
Acq: 04 Nov 2019 13:42

Instrument :
MSVOA_U
ClientSampleId :
VICV01

Tgt Ion:	43	Resp:	531892
Ion	Ratio	Lower	Upper
43	100		
58	59.6	44.1	66.1
57	19.2	15.1	22.7
100	12.2	9.4	14.2

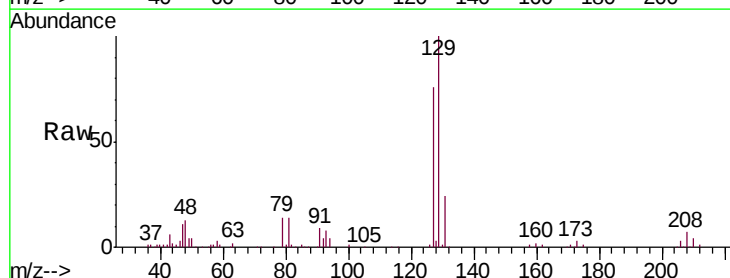


Abundance Ion 43.05 (42.75 to 43.75): VU035605.D (-2206) (-)
Ion 58.05 (57.75 to 58.75): VU035605.D (-2206) (-)
Ion 57.20 (56.90 to 57.90): VU035605.D (-2206) (-)
Ion 100.15 (99.85 to 100.85): VU035605.D (-2206) (-)

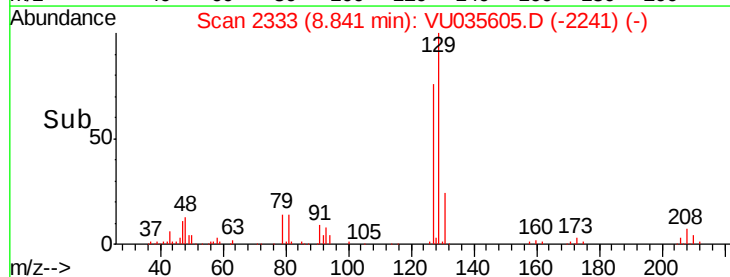
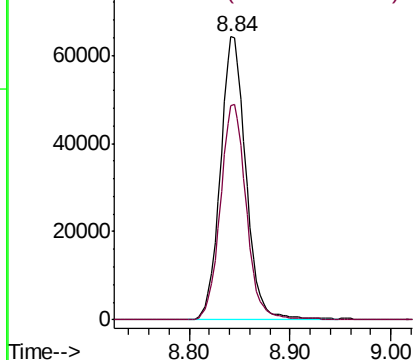


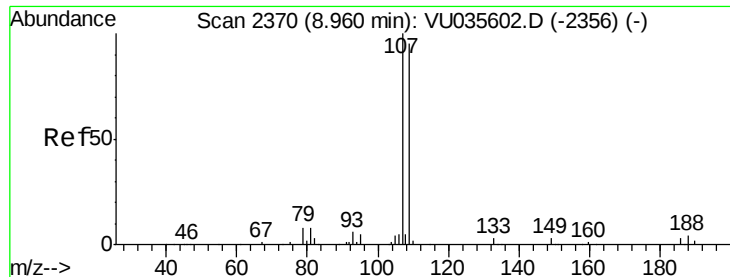
#49
Dibromochloromethane
Concen: 5.008 ug/L
RT: 8.84 min Scan# 2333
Delta R.T. -0.00 min
Lab File: VU035605.D
Acq: 04 Nov 2019 13:42

Tgt Ion:	129	Resp:	113768
Ion	Ratio	Lower	Upper
129	100		
127	75.7	53.1	98.5



Abundance Ion 128.95 (128.65 to 129.65): VU035605.D (-2241) (-)
Ion 126.90 (126.60 to 127.60): VU035605.D (-2241) (-)

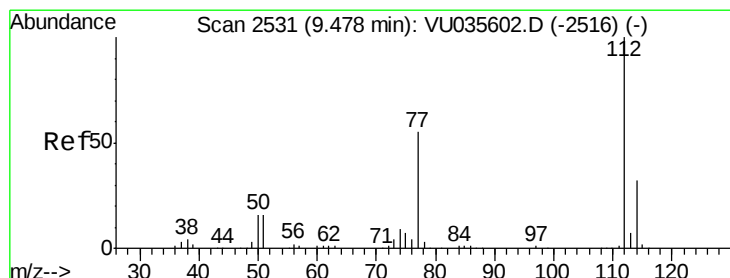
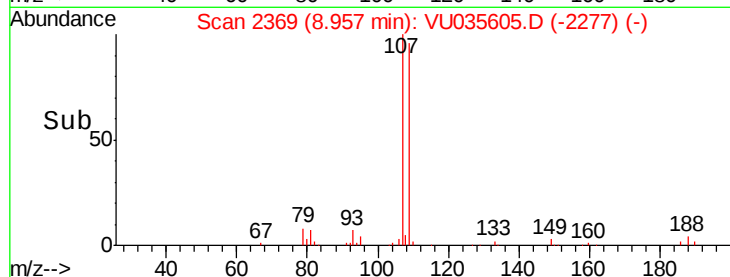
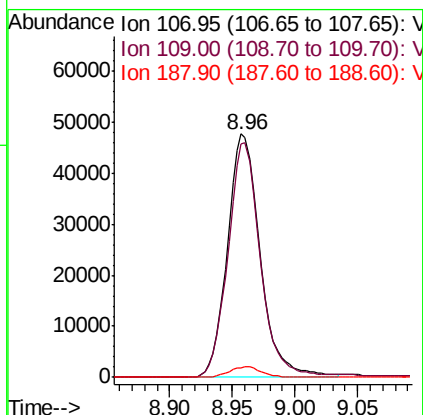
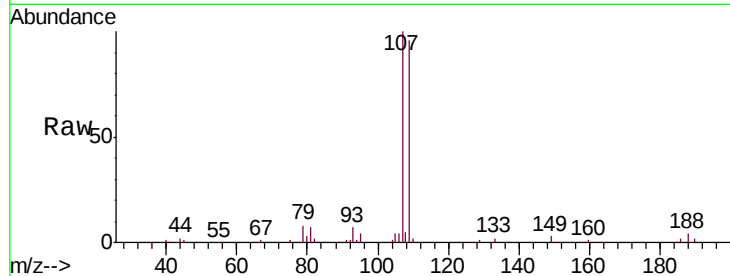




#50
1,2-Dibromoethane
Concen: 4.966 ug/L
RT: 8.96 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VU035605.D
Acq: 04 Nov 2019 13:42

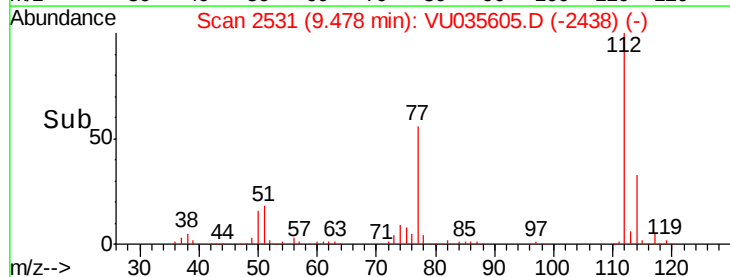
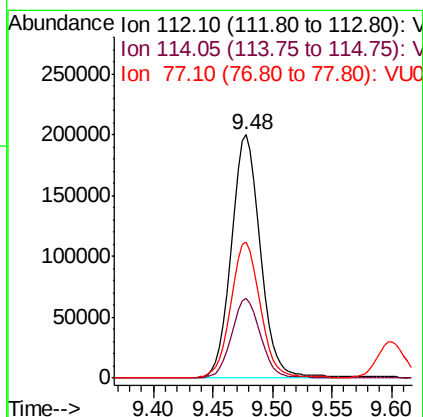
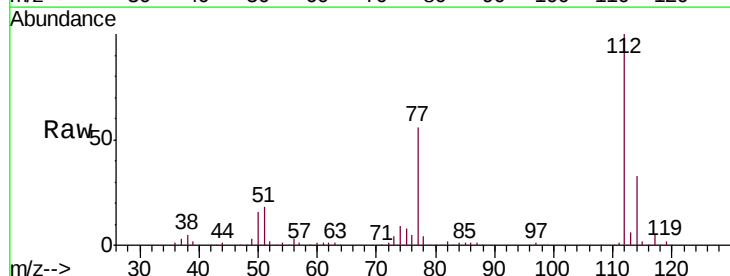
Instrument :
MSVOA_U
ClientSampleId :
VICV01

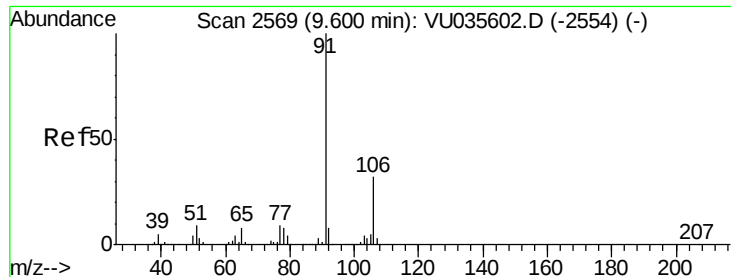
Tgt Ion:107 Resp: 86770
Ion Ratio Lower Upper
107 100
109 96.0 66.5 123.5
188 4.1 3.1 4.7



#51
Chlorobenzene
Concen: 5.036 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035605.D
Acq: 04 Nov 2019 13:42

Tgt Ion:112 Resp: 339551
Ion Ratio Lower Upper
112 100
114 32.9 22.3 41.5
77 56.0 44.3 66.5





#52

Ethylbenzene

Concen: 5.095 ug/L

RT: 9.60 min Scan# 2569

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

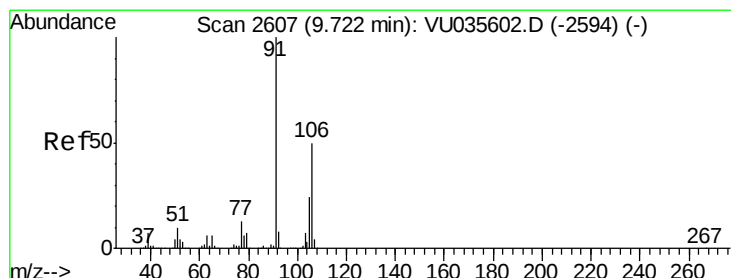
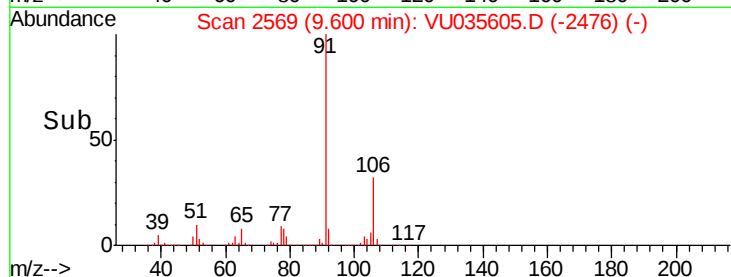
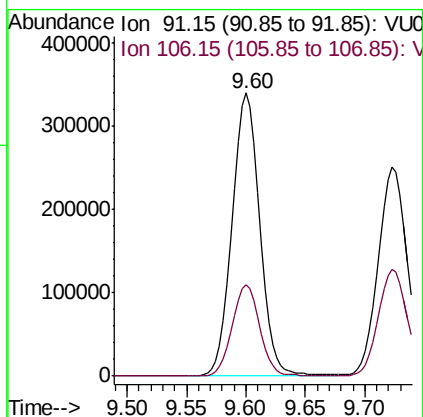
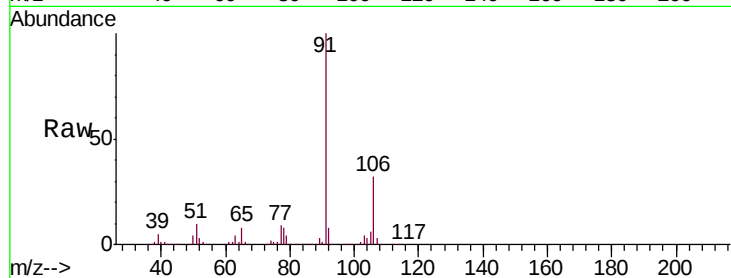
VICV01

Tgt Ion: 91 Resp: 550578

Ion Ratio Lower Upper

91 100

106 32.4 22.4 41.6



#53

m,p-Xylene

Concen: 5.338 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035605.D

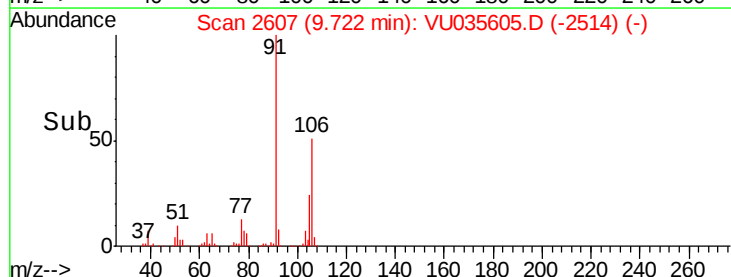
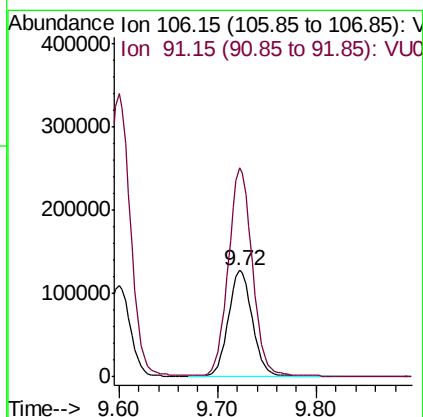
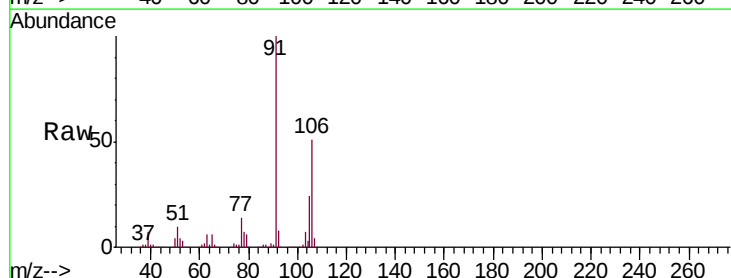
Acq: 04 Nov 2019 13:42

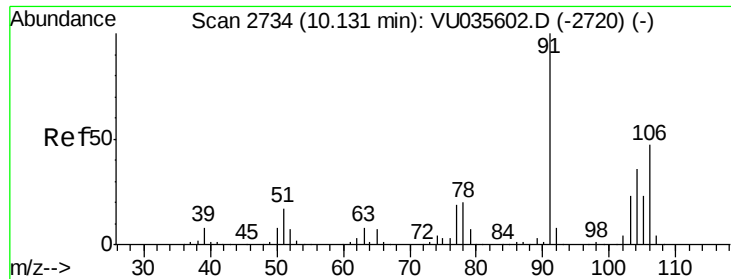
Tgt Ion: 106 Resp: 218417

Ion Ratio Lower Upper

106 100

91 196.7 139.4 259.0

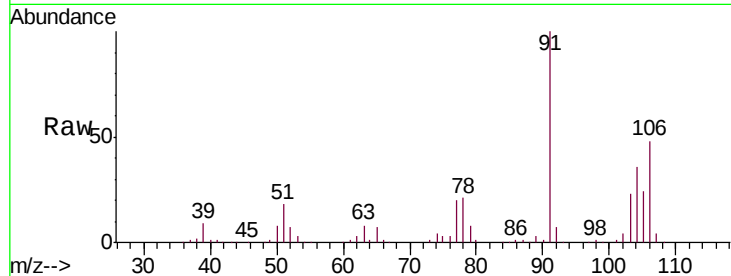




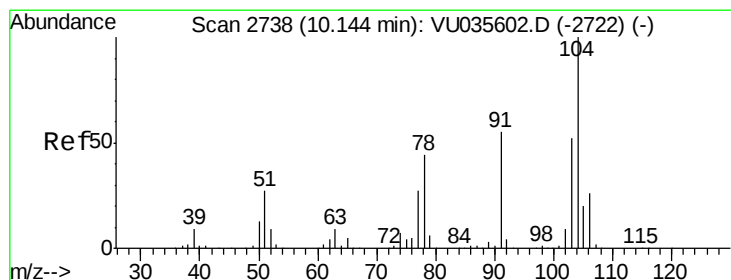
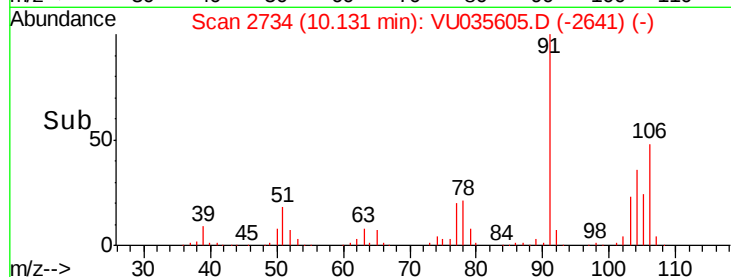
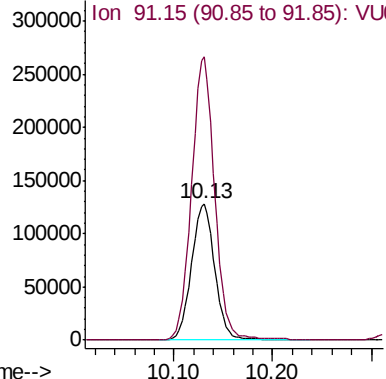
#54
o-Xylene
Concen: 5.403 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035605.D
Acq: 04 Nov 2019 13:42

Instrument :
MSVOA_U
ClientSampleId :
VICV01

Tgt Ion:106 Resp: 213645
Ion Ratio Lower Upper
106 100
91 207.5 147.7 274.3

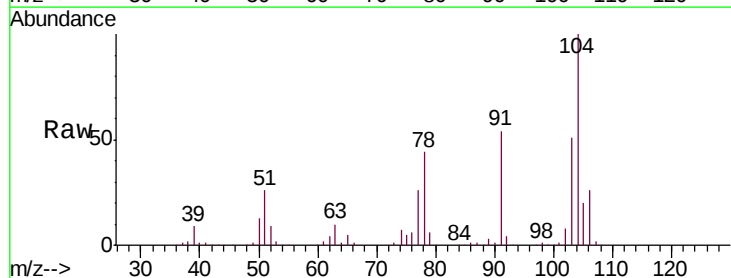


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

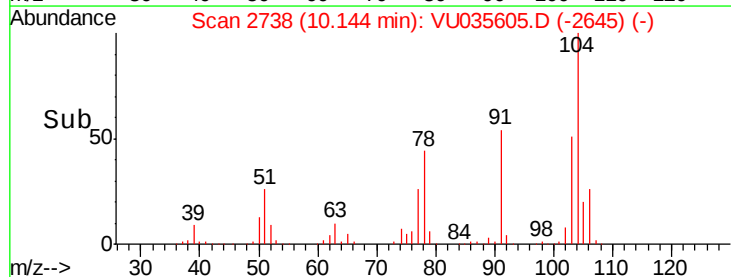
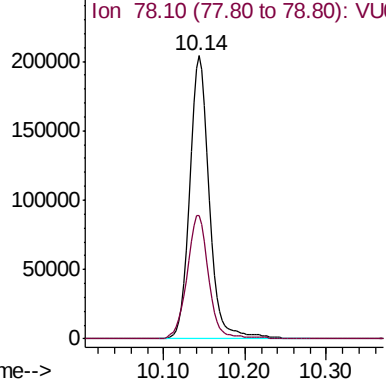


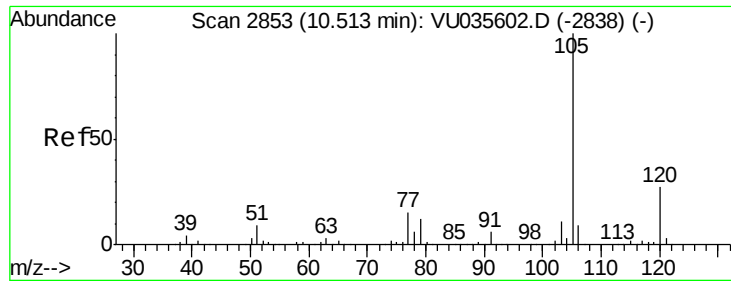
#55
Styrene
Concen: 5.341 ug/L
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035605.D
Acq: 04 Nov 2019 13:42

Tgt Ion:104 Resp: 349188
Ion Ratio Lower Upper
104 100
78 43.8 30.8 57.2



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





#56

Isopropylbenzene

Concen: 5.257 ug/L

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampled :

VICV01

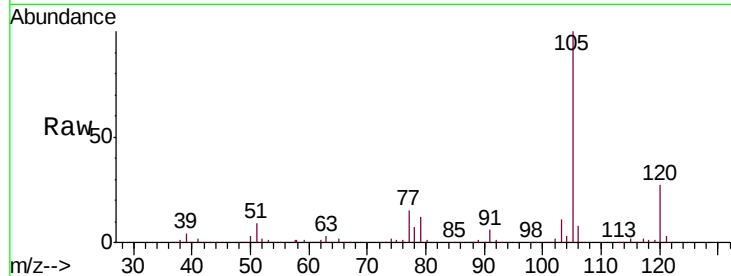
Tgt Ion: 105 Resp: 548627

Ion Ratio Lower Upper

105 100

120 26.8 21.4 32.2

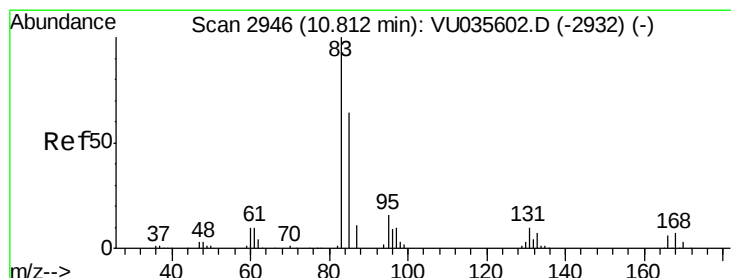
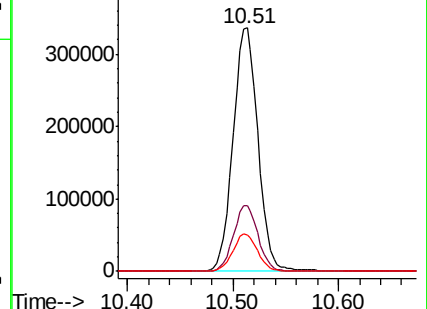
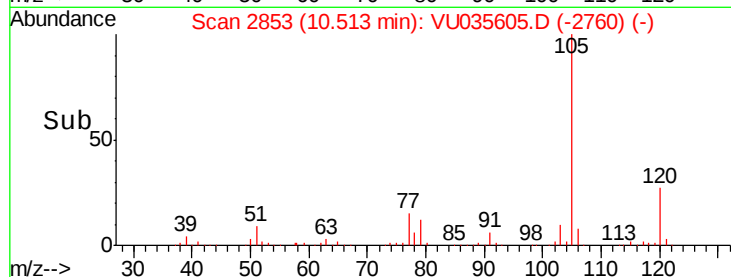
77 15.2 11.8 17.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.787 ug/L

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

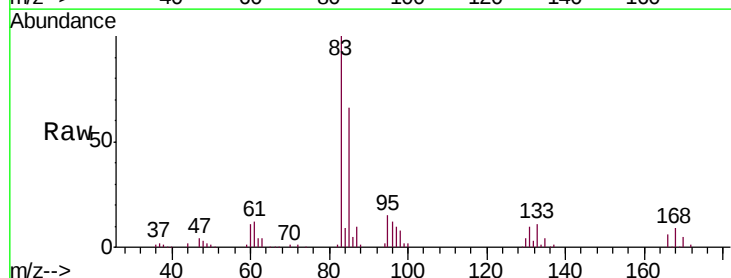
Tgt Ion: 83 Resp: 115166

Ion Ratio Lower Upper

83 100

85 66.0 45.2 84.0

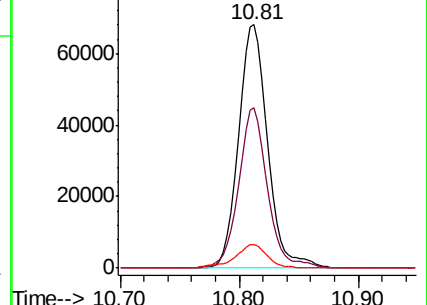
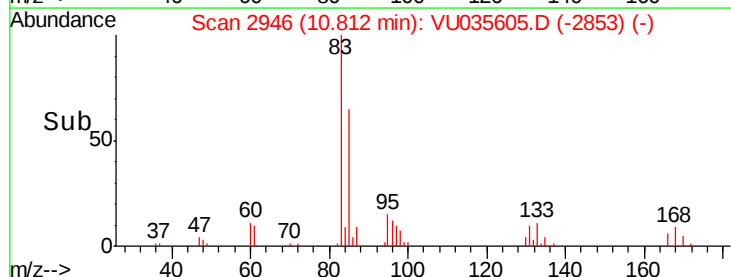
131 9.9 8.2 12.4

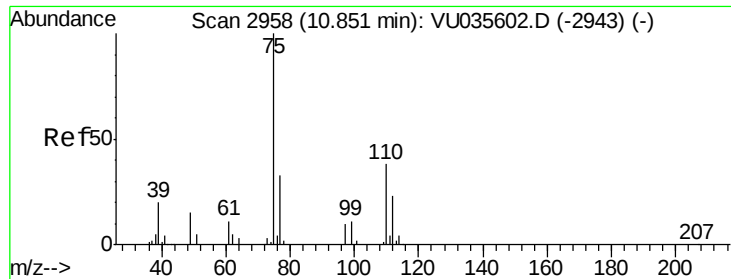


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 4.845 ug/L

RT: 10.85 min Scan# 2959

Delta R.T. 0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampled :

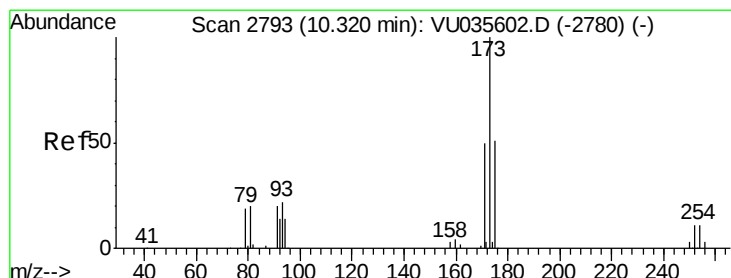
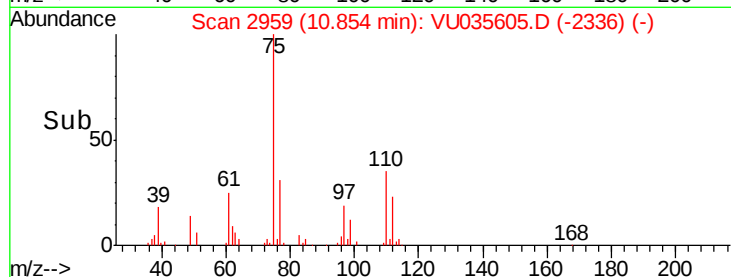
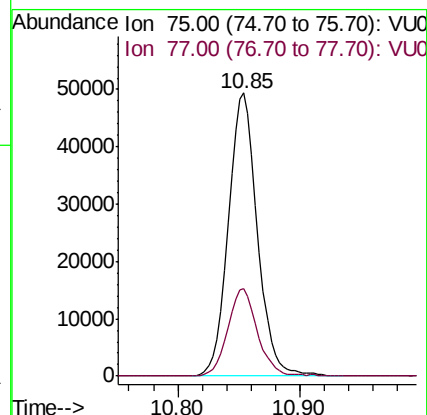
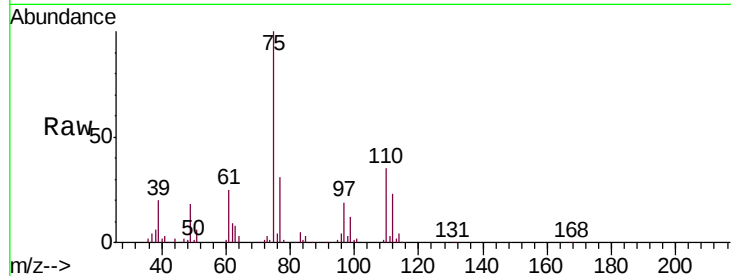
VICV01

Tgt Ion: 75 Resp: 82404

Ion Ratio Lower Upper

75 100

77 31.5 26.8 40.2



#61

Bromoform

Concen: 4.601 ug/L

RT: 10.32 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

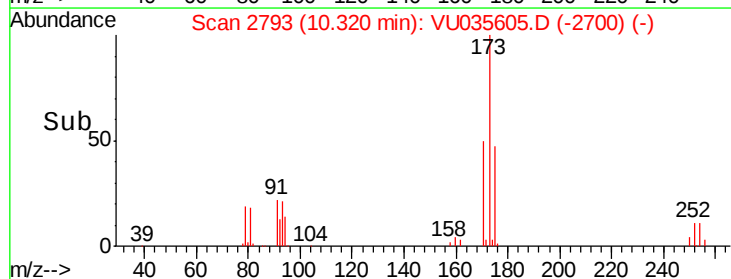
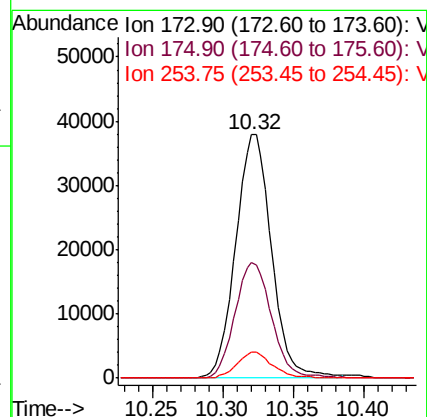
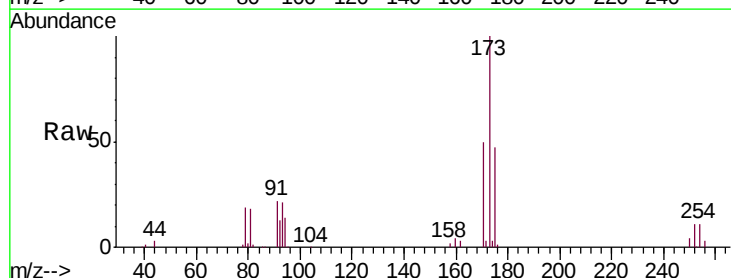
Tgt Ion: 173 Resp: 67586

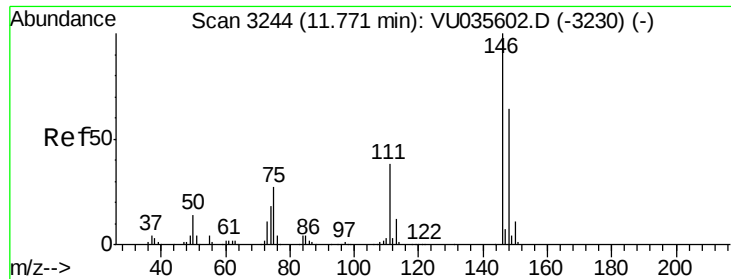
Ion Ratio Lower Upper

173 100

175 48.2 39.0 58.4

254 10.6 8.5 12.7





#62

1,3-Dichlorobenzene

Concen: 4.907 ug/L

RT: 11.77 min Scan# 3244

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

VICV01

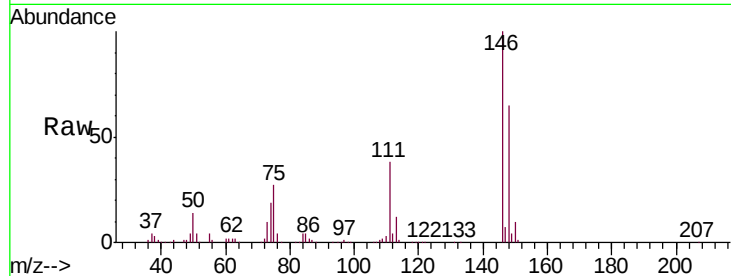
Tgt Ion:146 Resp: 266692

Ion Ratio Lower Upper

146 100

111 38.5 26.7 49.5

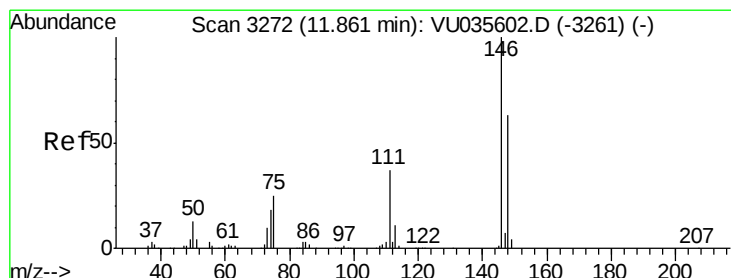
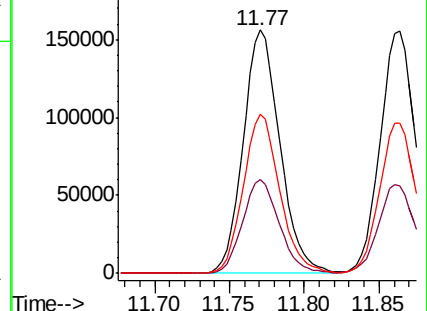
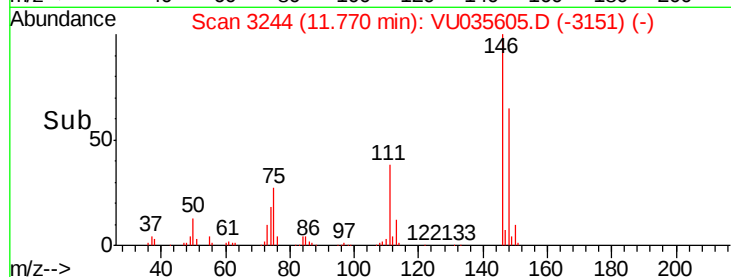
148 65.3 44.5 82.7



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.025 ug/L

RT: 11.86 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

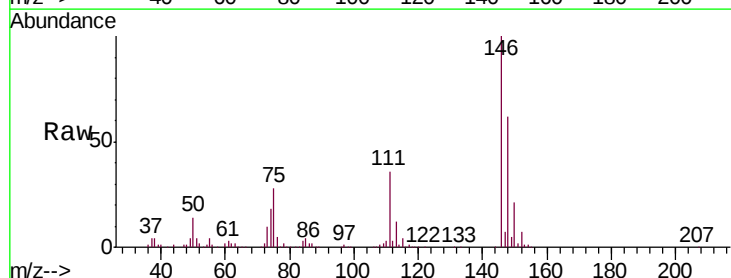
Tgt Ion:146 Resp: 262944

Ion Ratio Lower Upper

146 100

111 35.8 25.9 48.1

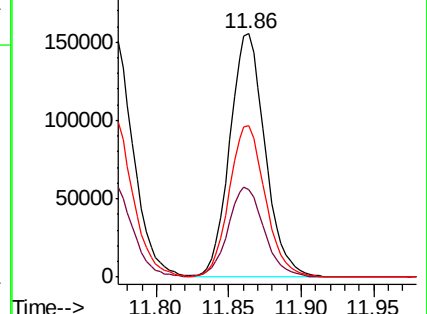
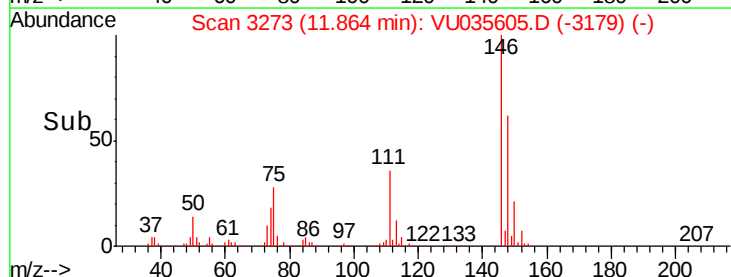
148 62.0 44.1 81.9

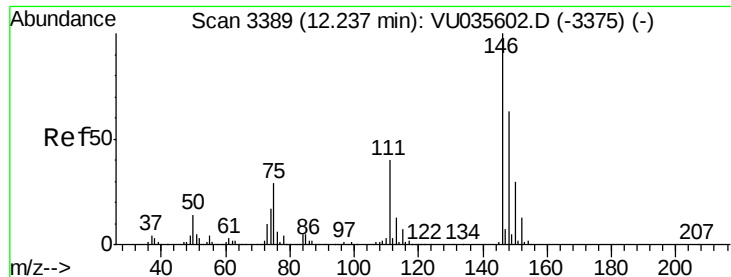


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

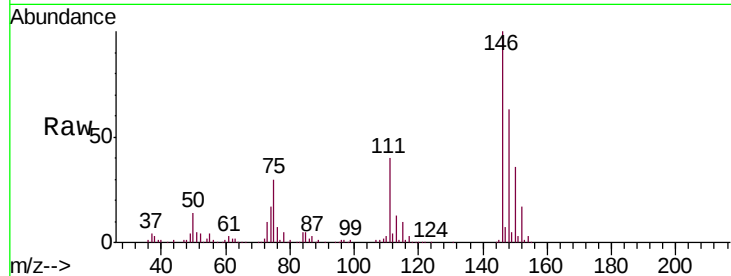




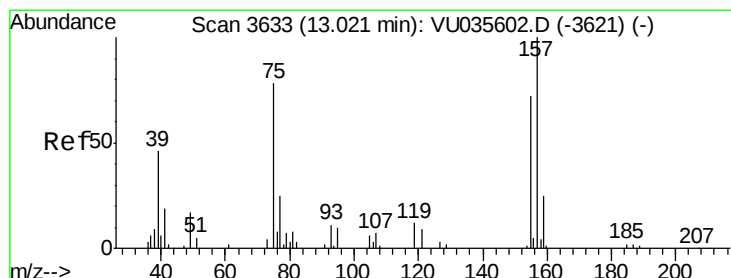
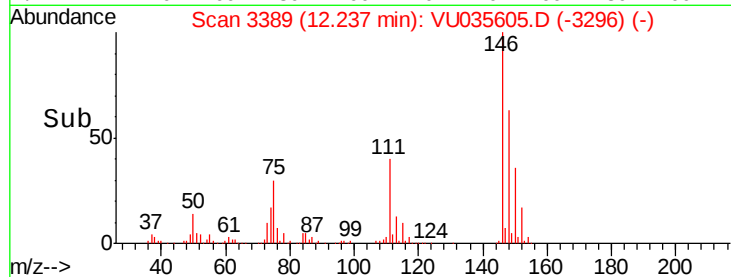
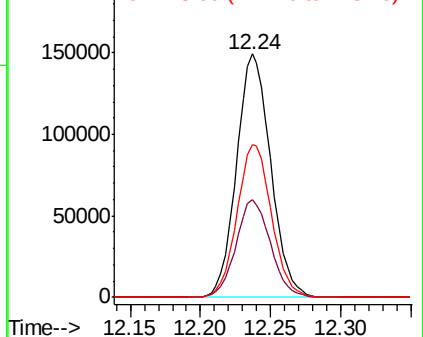
#65
 1,2-Dichlorobenzene
 Concen: 4.970 ug/L
 RT: 12.24 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VU035605.D
 Acq: 04 Nov 2019 13:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	32.2	48.4
148	62.6	50.7	76.1

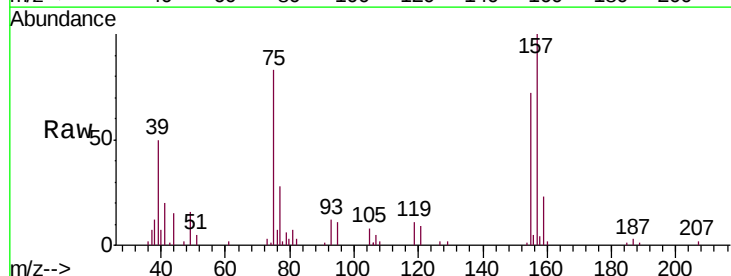


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

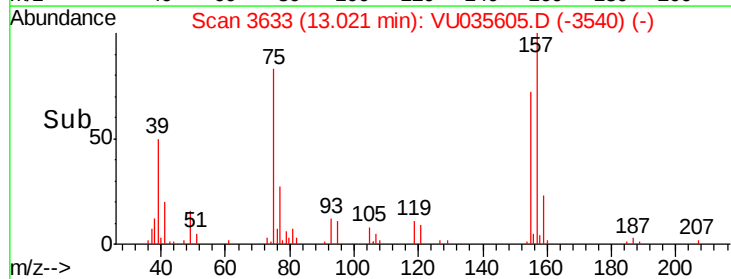
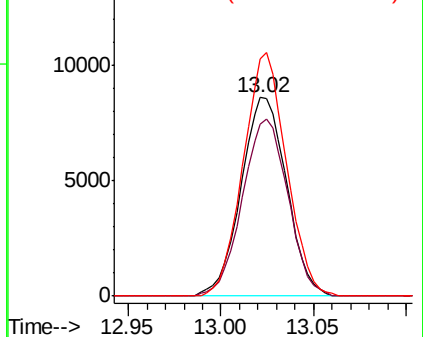


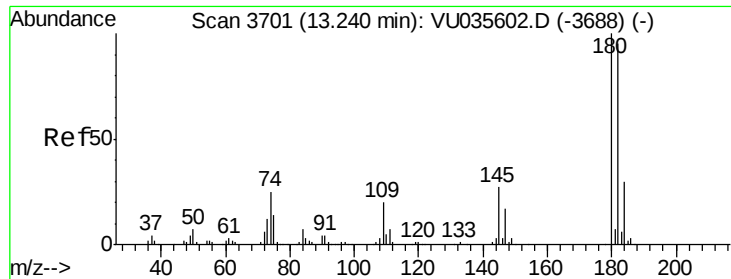
#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.525 ug/L
 RT: 13.02 min Scan# 3633
 Delta R.T. -0.00 min
 Lab File: VU035605.D
 Acq: 04 Nov 2019 13:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.6	73.3	109.9
157	119.8	102.2	153.4



Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

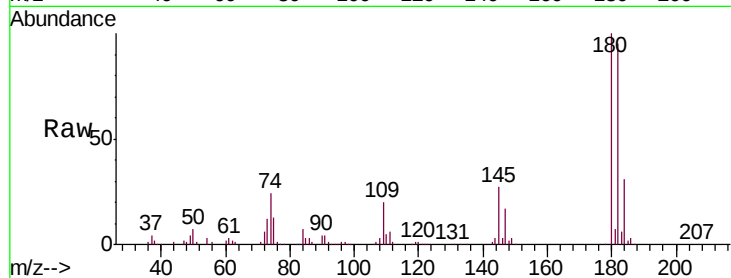




#67
 1,3,5-Trichlorobenzene
 Concen: 5.255 ug/L
 RT: 13.24 min Scan# 3702
 Delta R.T. 0.00 min
 Lab File: VU035605.D
 Acq: 04 Nov 2019 13:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.9	113.9
184	31.1	24.1	36.1
145	27.5	21.5	32.3



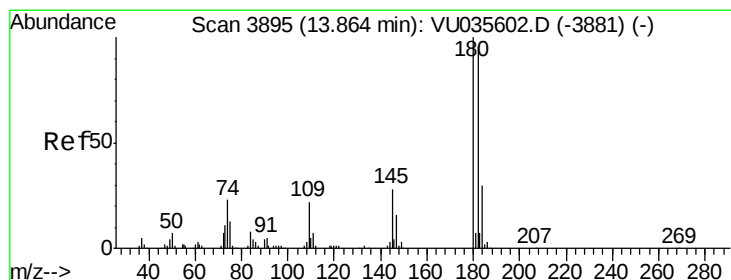
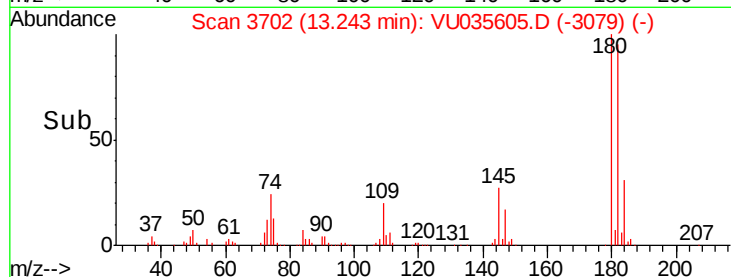
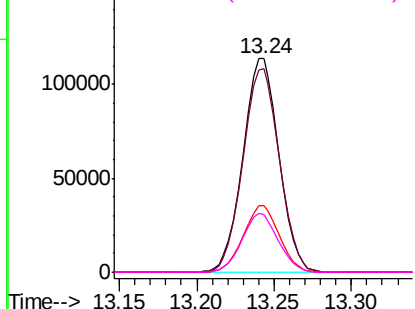
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

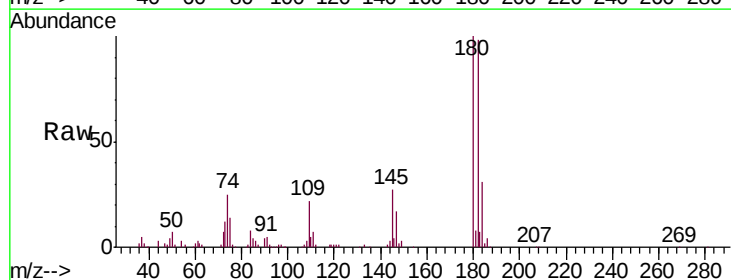
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 4.913 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.00 min
 Lab File: VU035605.D
 Acq: 04 Nov 2019 13:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.4	116.2
145	27.3	22.2	33.4

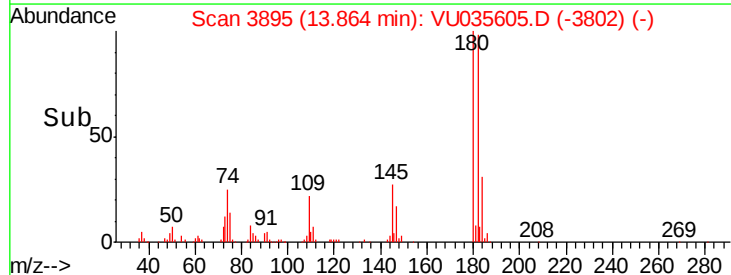
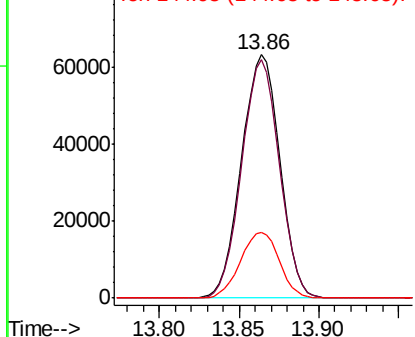


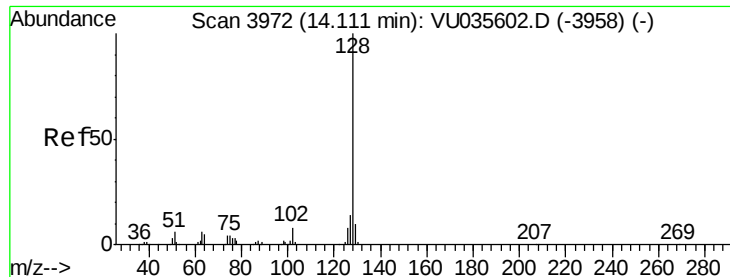
Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 4.431 ug/L

RT: 14.11 min Scan# 3972

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

VICV01

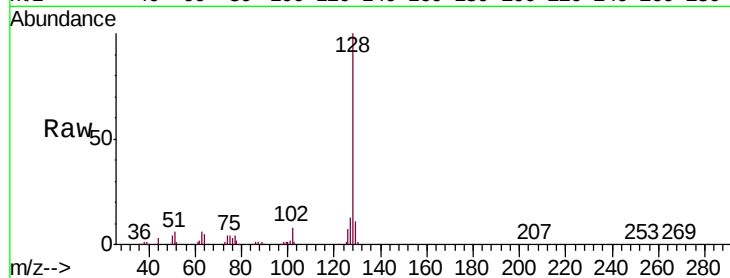
Tgt Ion:128 Resp: 115163

Ion Ratio Lower Upper

128 100

129 10.7 8.1 12.1

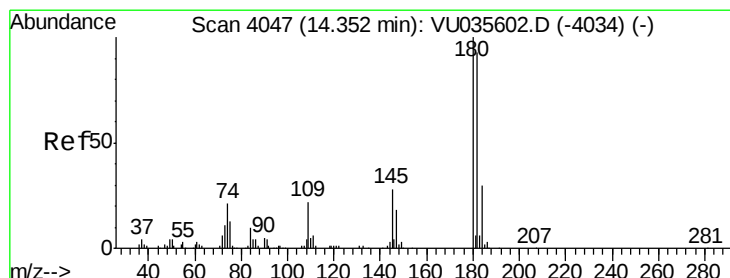
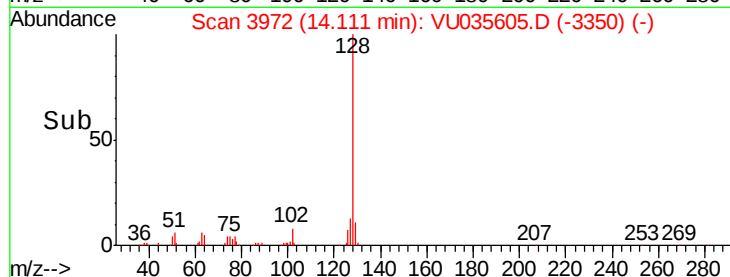
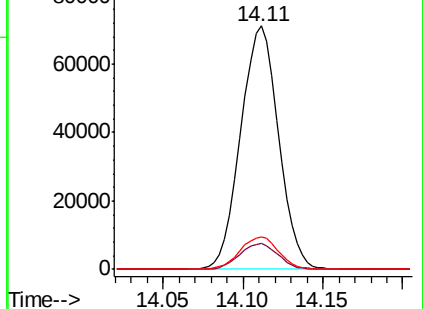
127 13.5 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 4.858 ug/L

RT: 14.35 min Scan# 4047

Delta R.T. -0.00 min

Lab File: VU035605.D

Acq: 04 Nov 2019 13:42

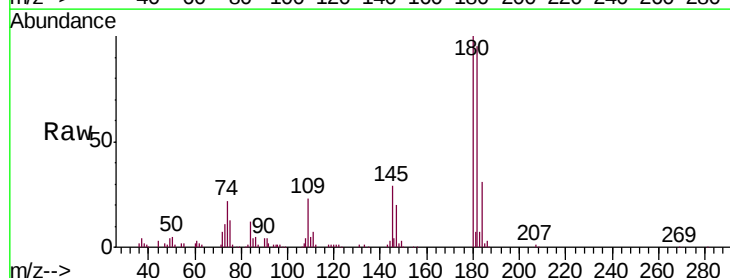
Tgt Ion:180 Resp: 99146

Ion Ratio Lower Upper

180 100

182 98.8 74.8 112.2

145 29.1 23.6 35.4



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

