

Data File : VU037860.D
Acq On : 23 Apr 2020 13:01
Operator : JC/MD
Sample : VSTD050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05035

Quant Time: Apr 23 13:33:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 23 12:05:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	532446	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	515829	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	255248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	247774	52.06	ug/L	0.00
7) Chloroethane-d5	1.93	69	189376	48.76	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	399928	49.70	ug/L	0.00
21) 2-Butanone-d5	4.66	46	374825	96.48	ug/L	0.00
24) Chloroform-d	5.10	84	366060	47.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	253671	47.92	ug/L	0.00
32) Benzene-d6	5.76	84	771379	48.24	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	257140	47.82	ug/L	0.00
41) Toluene-d8	7.92	98	703729	48.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	132312	48.65	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	276720	98.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	343794	46.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	251075	46.64	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.40	85	233087	49.653	ug/L	98
3) Chloromethane	1.54	50	242448	51.774	ug/L	100
5) Vinyl chloride	1.62	62	279788	51.023	ug/L	99
6) Bromomethane	1.87	94	115863	54.685	ug/L	97
8) Chloroethane	1.95	64	158464	49.210	ug/L	99
9) Trichlorofluoromethane	2.16	101	295199	48.677	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	171832	48.662	ug/L	99
12) 1,1-Dichloroethene	2.60	96	171961	49.393	ug/L	95
13) Acetone	2.65	43	229671	88.879	ug/L	99
14) Carbon disulfide	2.82	76	590165	50.824	ug/L	99
15) Methyl Acetate	2.98	43	279400	48.522	ug/L	99
16) Methylene chloride	3.08	84	202586	48.468	ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	187312	48.752	ug/L	98
18) Methyl tert-butyl Ether	3.40	73	656398	47.991	ug/L	100
19) 1,1-Dichloroethane	3.91	63	387300	48.547	ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	209168	48.709	ug/L	98
22) 2-Butanone	4.74	43	400364	94.284	ug/L	98
23) Bromochloromethane	5.01	128	101622	49.276	ug/L	98
25) Chloroform	5.13	83	361139	48.346	ug/L	97
27) 1,2-Dichloroethane	5.83	62	305256	47.403	ug/L	99
29) Cyclohexane	5.42	56	389837	50.296	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	309978	49.037	ug/L	100
31) Carbon tetrachloride	5.56	117	250523	49.263	ug/L	99
33) Benzene	5.81	78	839498	49.654	ug/L	100
34) Trichloroethene	6.57	95	204681	49.039	ug/L	99
35) Methylcyclohexane	6.79	83	361493	49.607	ug/L	99
37) 1,2-Dichloropropane	6.82	63	232396	48.663	ug/L	99
38) Bromodichloromethane	7.13	83	278669	48.488	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	361426	48.048	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	785293	96.393	ug/L	99

Data File : VU037860.D
Acq On : 23 Apr 2020 13:01
Operator : JC/MD
Sample : VSTD050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05035

Quant Time: Apr 23 13:33:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 23 12:05:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	874434	48.839	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	356950	49.370	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	198869	48.192	ug/L	99
46) Tetrachloroethene	8.57	164	147382	49.156	ug/L	98
48) 2-Hexanone	8.71	43	610758	94.502	ug/L	99
49) Dibromochloromethane	8.83	129	207487	48.297	ug/L	100
50) 1,2-Dibromoethane	8.94	107	213834	48.276	ug/L	100
51) Chlorobenzene	9.47	112	536801	48.010	ug/L	99
52) Ethylbenzene	9.59	91	979921	48.801	ug/L	99
53) m,p-Xylene	9.71	106	365559	48.007	ug/L	97
54) o-xylene	10.12	106	358159	48.403	ug/L	98
55) Styrene	10.13	104	618182	48.204	ug/L	99
56) Isopropylbenzene	10.50	105	940203	47.820	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	343888	46.769	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	297194	46.694	ug/L	99
61) Bromoform	10.31	173	153451	48.005	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	412426	47.770	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	419180	48.087	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	405543	47.614	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	89087	47.859	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	297235	47.424	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	281010	47.133	ug/L	99
69) Naphthalene	14.11	128	983288	46.822	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	276797	46.654	ug/L	100

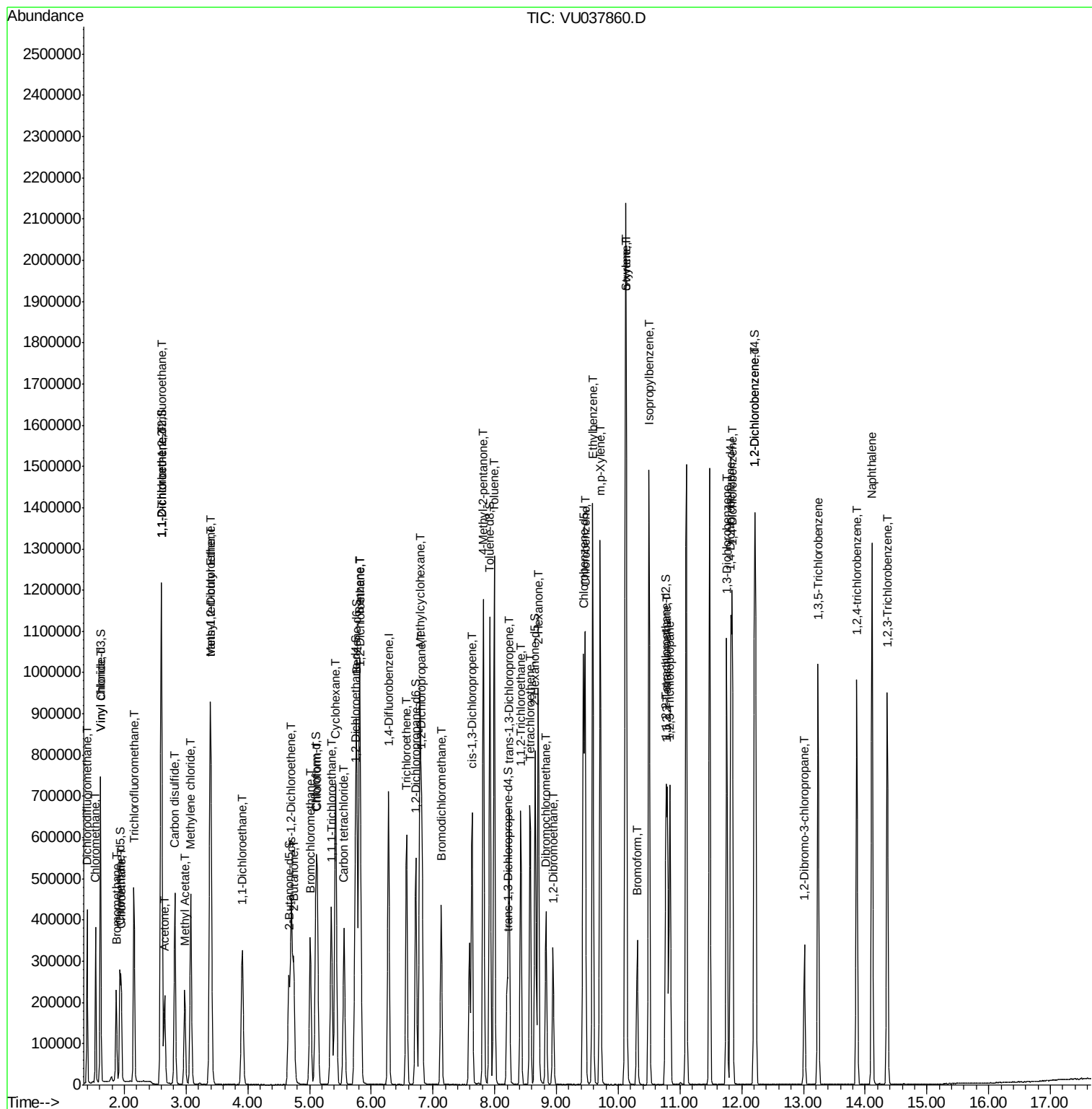
(#) = qualifier out of range (m) = manual integration (+) = signals summed

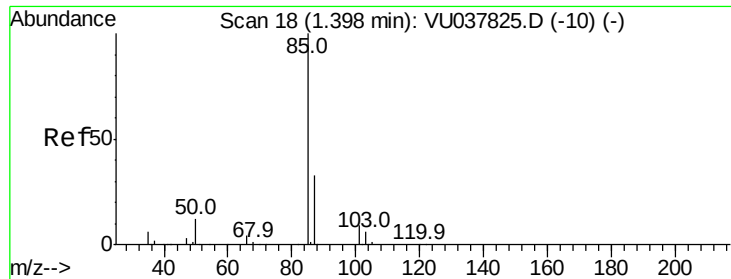
Data File : VU037860.D

```
Acq On       : 23 Apr 2020   13:01
Operator    : JC/MD
Sample      : VSTD050
Misc       : 5.0mL/MSVOA_U/WATER
ALS Vial    : 1      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VSTD05035

Quant Time: Apr 23 13:33:06 2020
Quant Method : Z:\V\OASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 23 12:05:26 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 49.653 ug/L

RT: 1.40 min Scan# 18

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

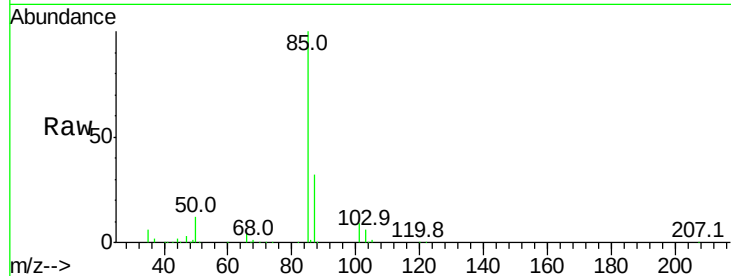
VSTD05035

Tgt Ion: 85 Resp: 233087

Ion Ratio Lower Upper

85 100

87 32.2 25.0 37.6



Abundance Ion 85.00 (84.70 to 85.70): VU037860.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU037860.D (-1) (-)

1.40

250000

200000

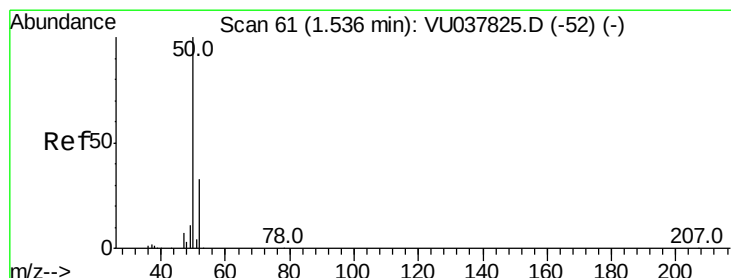
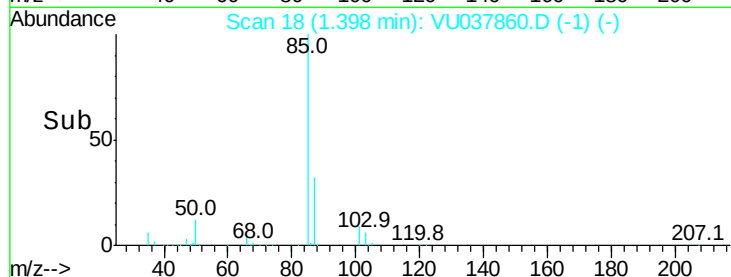
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 51.774 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU037860.D

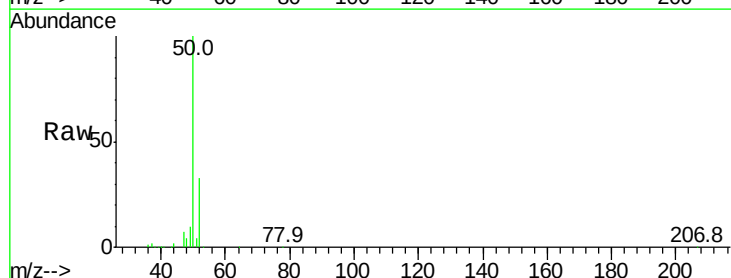
Acq: 23 Apr 2020 13:01

Tgt Ion: 50 Resp: 242448

Ion Ratio Lower Upper

50 100

52 33.0 23.2 43.2



Abundance Ion 50.00 (49.70 to 50.70): VU037860.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU037860.D (-1) (-)

1.54

250000

200000

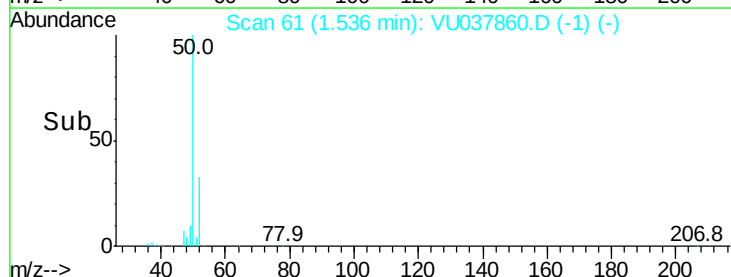
150000

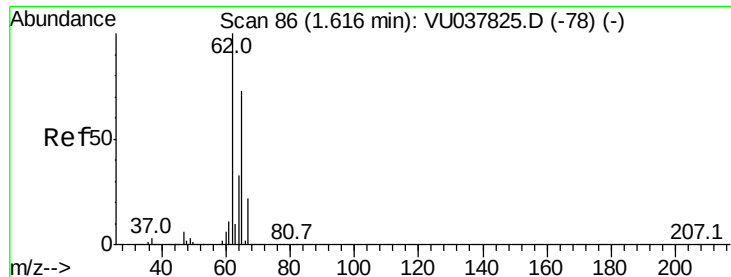
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 51.023 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

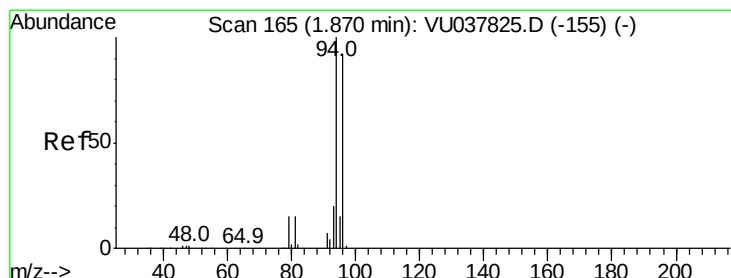
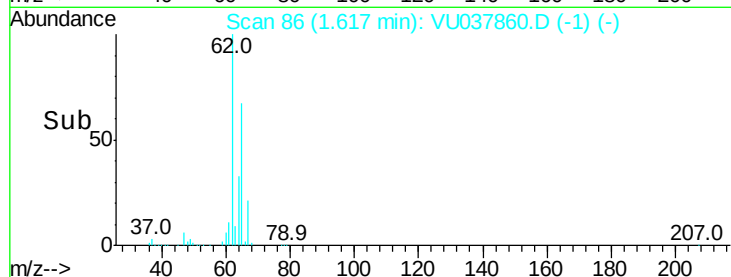
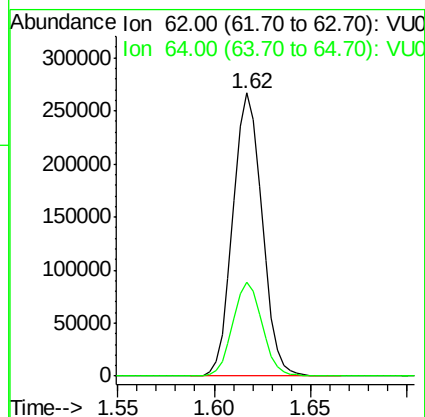
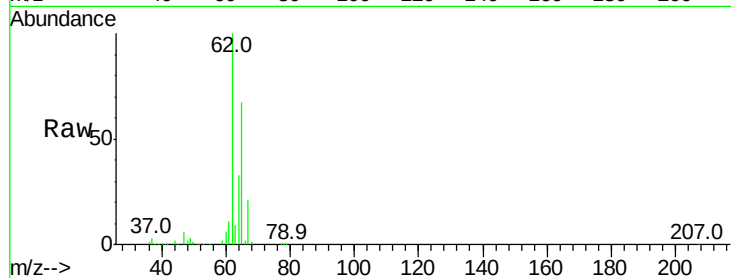
VSTD05035

Tgt Ion: 62 Resp: 279788

Ion Ratio Lower Upper

62 100

64 33.1 23.6 43.8



#6

Bromomethane

Concen: 54.685 ug/L

RT: 1.87 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU037860.D

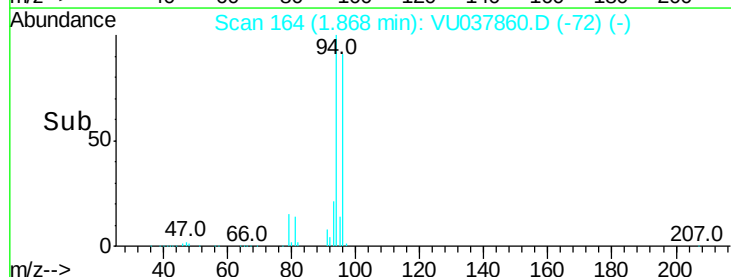
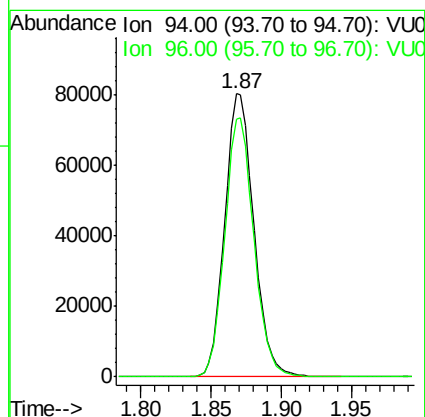
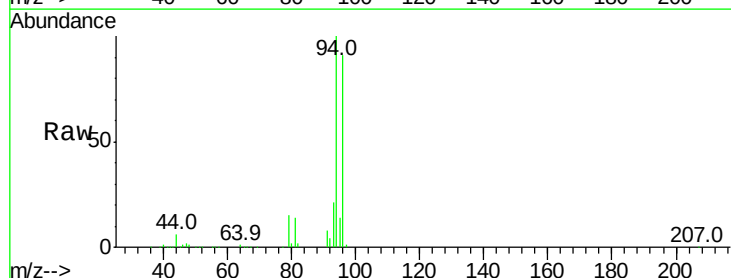
Acq: 23 Apr 2020 13:01

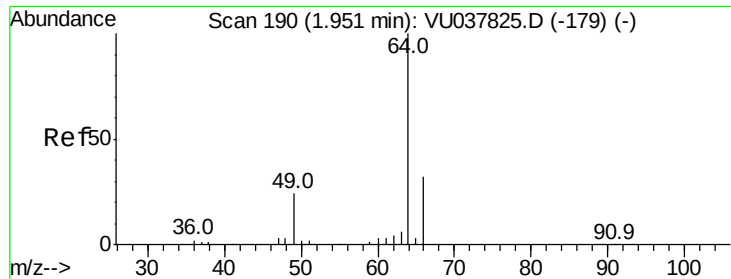
Tgt Ion: 94 Resp: 115863

Ion Ratio Lower Upper

94 100

96 91.3 66.0 122.6





#8

Chloroethane

Concen: 49.210 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

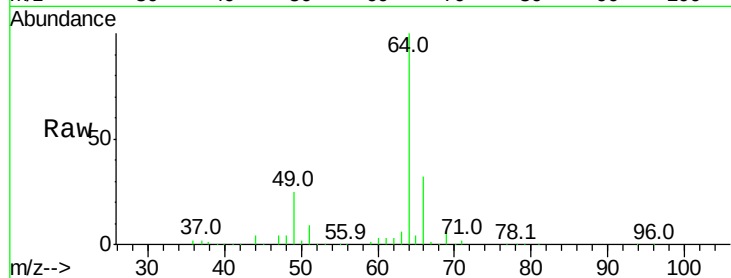
VSTD05035

Tgt Ion: 64 Resp: 158464

Ion Ratio Lower Upper

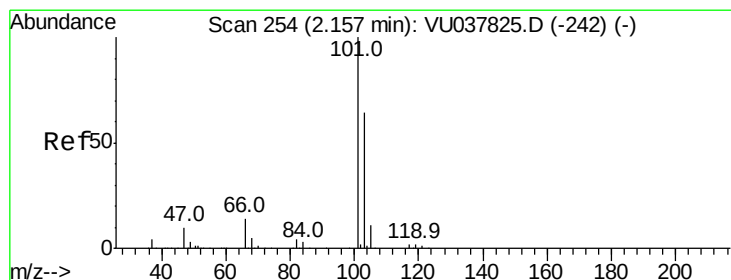
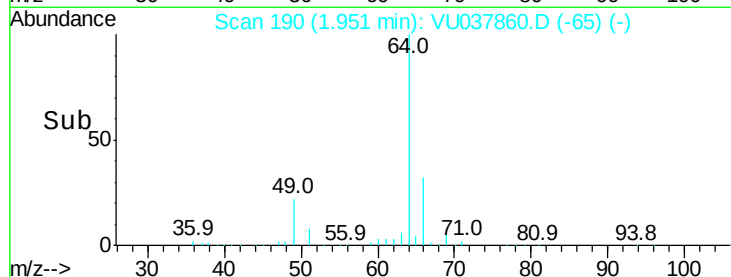
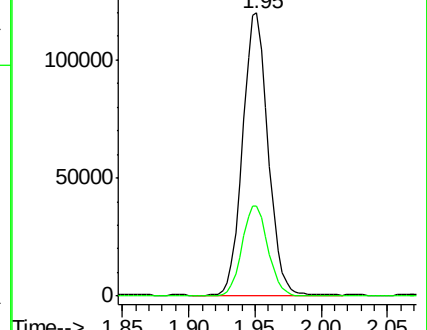
64 100

66 31.8 22.6 42.0



Abundance Ion 64.00 (63.70 to 64.70): VU037825.D (-179) (-)

Ion 66.00 (65.70 to 66.70): VU037825.D (-179) (-)



#9

Trichlorofluoromethane

Concen: 48.677 ug/L

RT: 2.16 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU037860.D

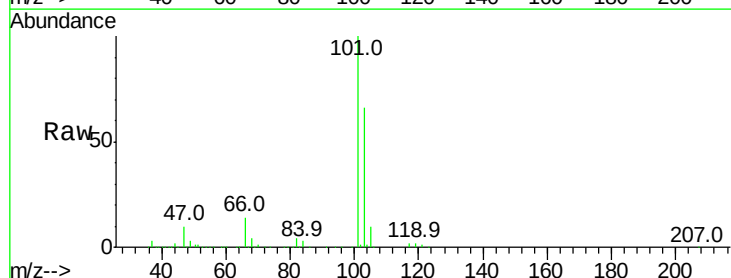
Acq: 23 Apr 2020 13:01

Tgt Ion: 101 Resp: 295199

Ion Ratio Lower Upper

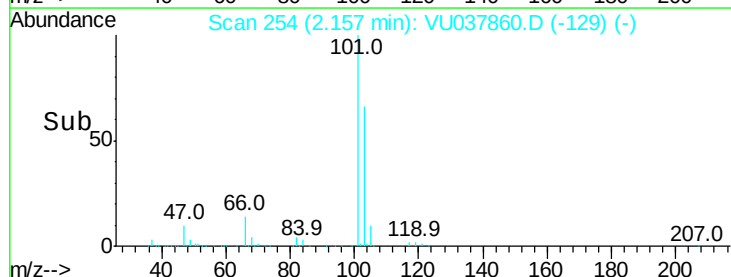
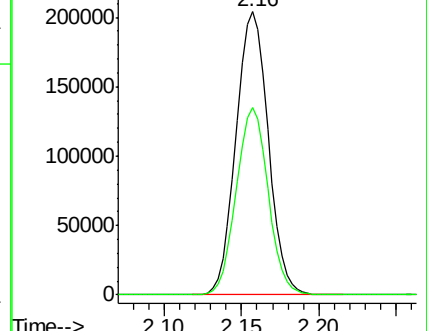
101 100

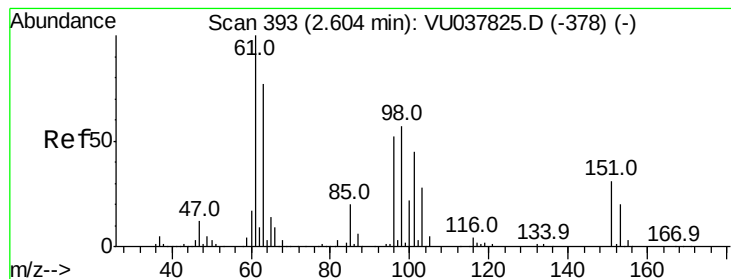
103 65.3 51.7 77.5



Abundance Ion 101.00 (100.70 to 101.70): VU037825.D (-242) (-)

Ion 103.00 (102.70 to 103.70): VU037825.D (-242) (-)





#10

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

Concen: 48.662 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD05035

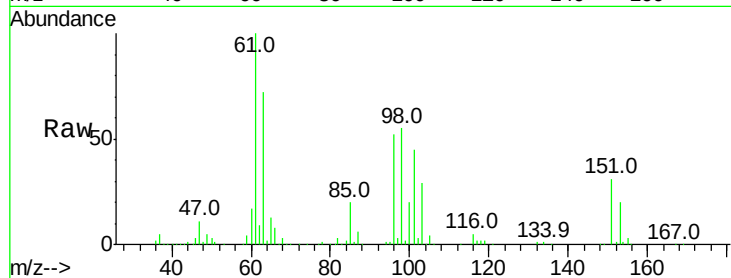
Tgt Ion: 101 Resp: 171832

Ion Ratio Lower Upper

101 100

85 45.3 35.3 52.9

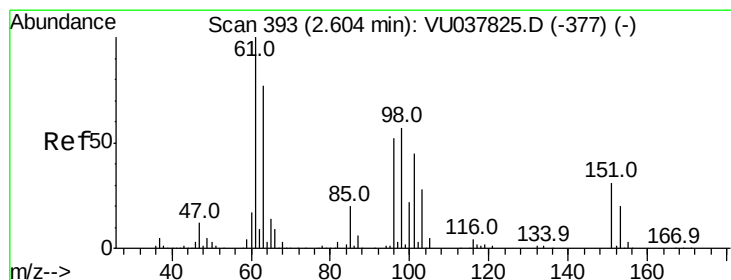
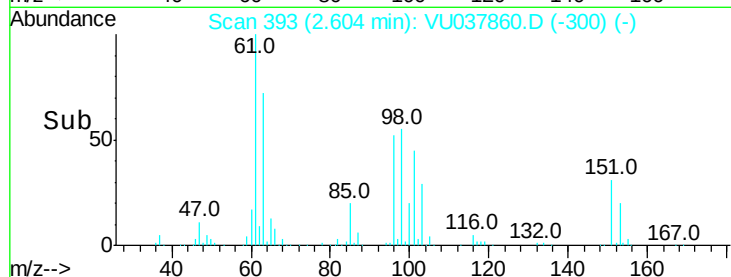
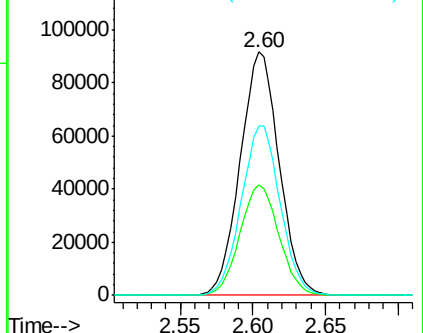
151 69.4 55.2 82.8



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: 49.393 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

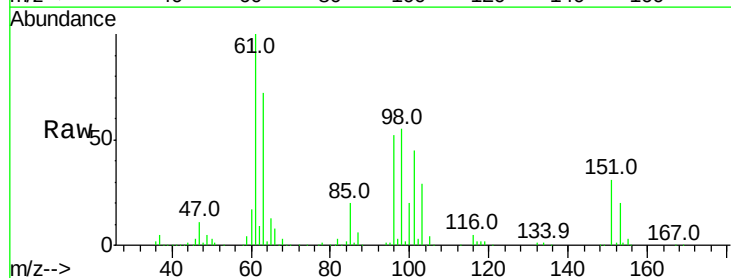
Tgt Ion: 96 Resp: 171961

Ion Ratio Lower Upper

96 100

61 191.5 134.5 249.7

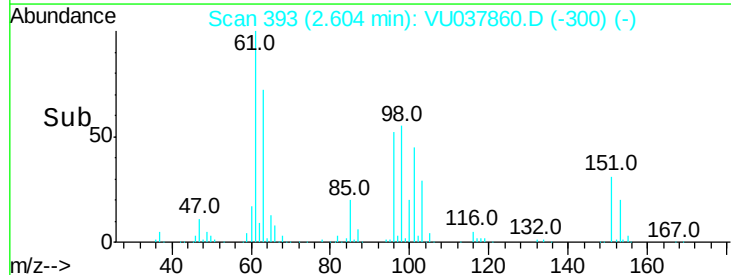
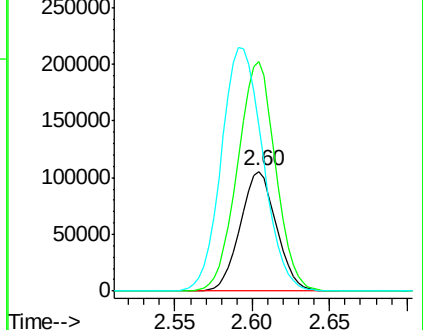
63 137.8 106.6 198.0

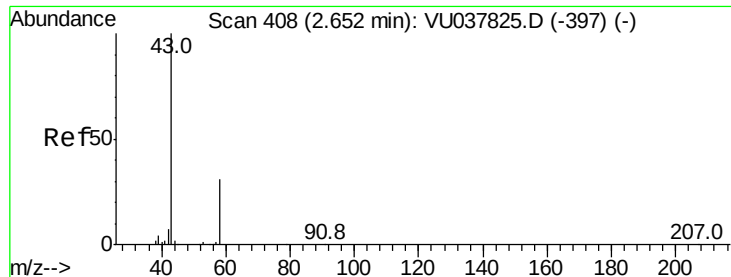


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 88.879 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

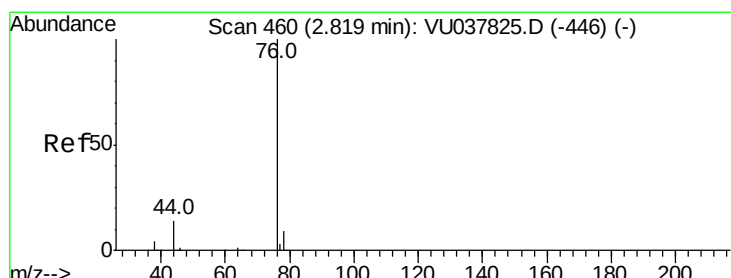
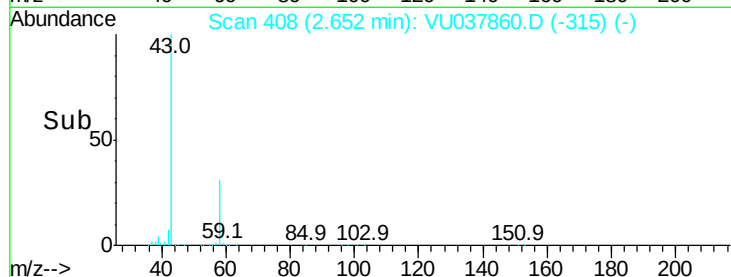
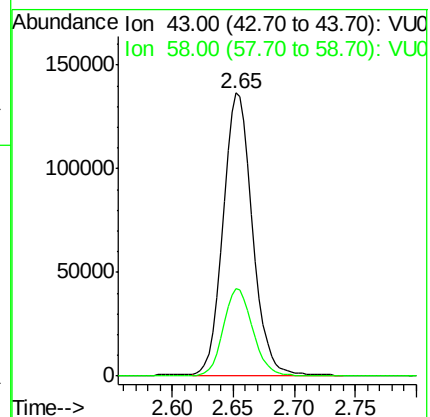
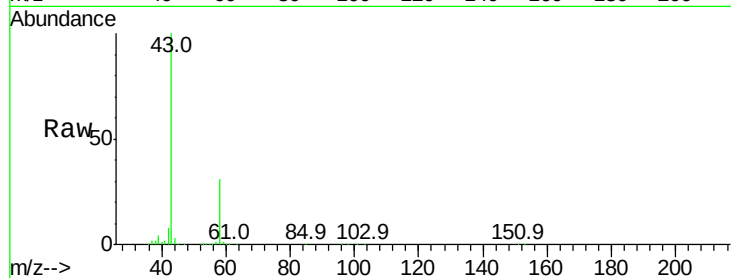
VSTD05035

Tgt Ion: 43 Resp: 229671

Ion Ratio Lower Upper

43 100

58 31.0 0.0 63.0



#14

Carbon disulfide

Concen: 50.824 ug/L

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU037860.D

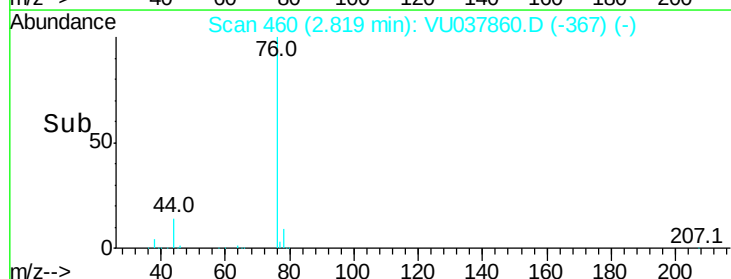
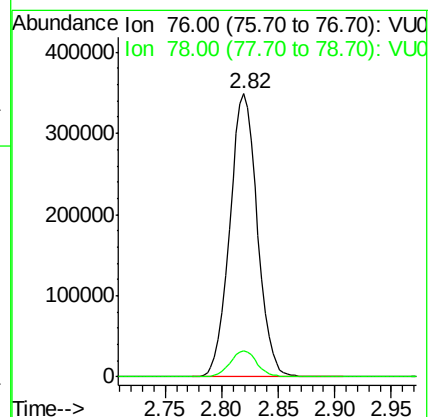
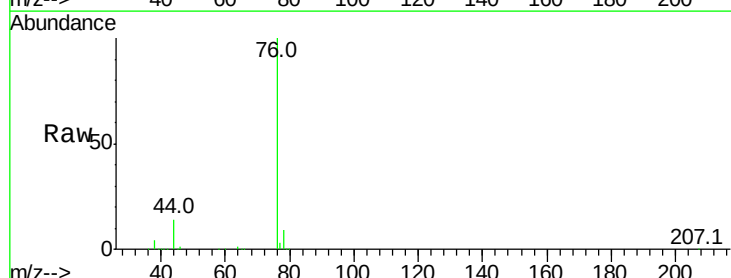
Acq: 23 Apr 2020 13:01

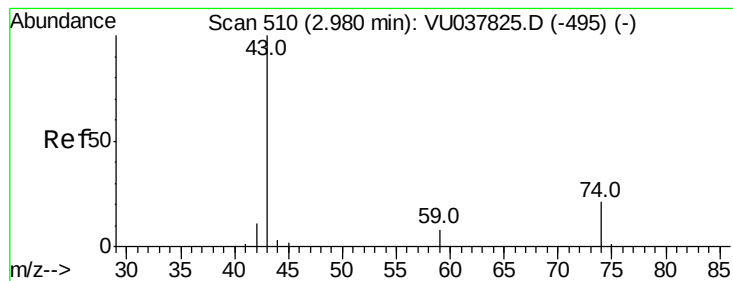
Tgt Ion: 76 Resp: 590165

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8





#15

Methyl Acetate

Concen: 48.522 ug/L

RT: 2.98 min Scan# 510

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

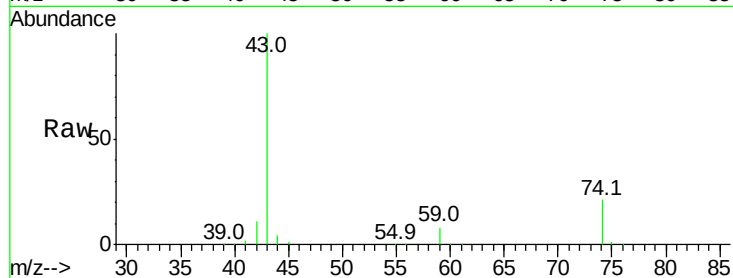
VSTD05035

Tgt Ion: 43 Resp: 279400

Ion Ratio Lower Upper

43 100

74 21.2 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VU037825.D (-495) (-)

Ion 74.00 (73.70 to 74.70): VU037825.D (-495) (-)

2.98

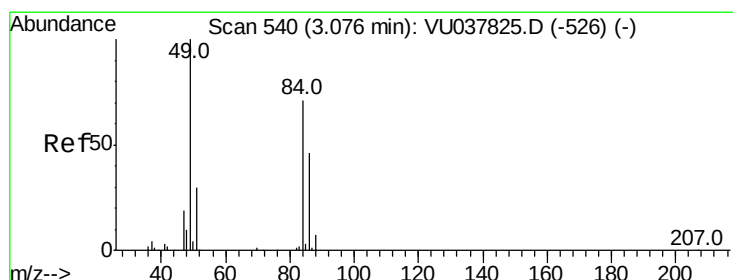
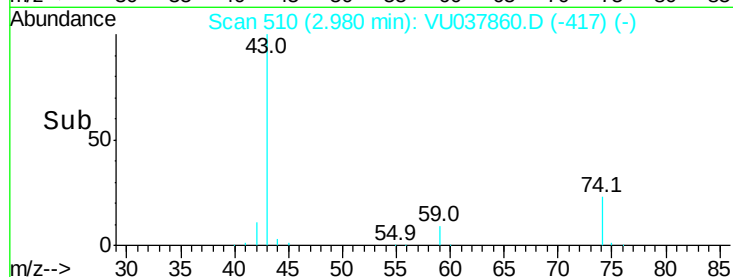
150000

100000

50000

0

Time-->



#16

Methylene chloride

Concen: 48.468 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

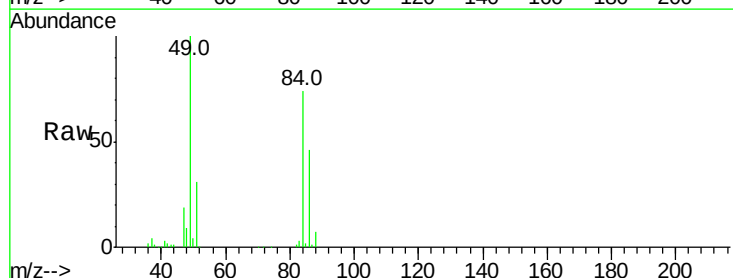
Tgt Ion: 84 Resp: 202586

Ion Ratio Lower Upper

84 100

86 62.1 43.2 80.2

49 135.9 97.8 181.6



Abundance Ion 84.00 (83.70 to 84.70): VU037825.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU037825.D (-526) (-)

Ion 49.00 (48.70 to 49.70): VU037825.D (-526) (-)

3.08

200000

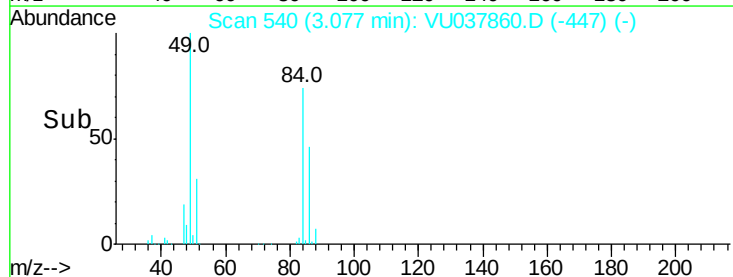
150000

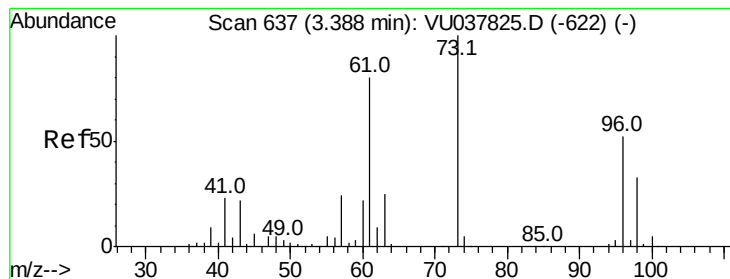
100000

50000

0

Time-->





#17

trans-1,2-Dichloroethene

Concen: 48.752 ug/L

RT: 3.39 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD05035

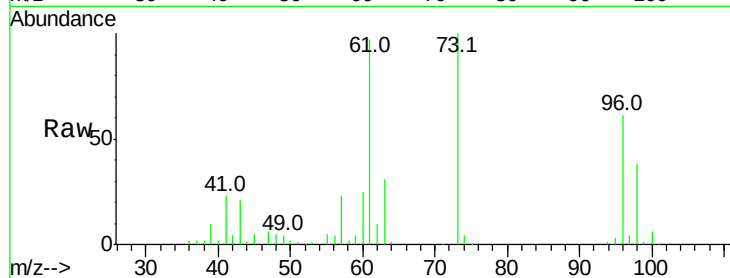
Tgt Ion: 96 Resp: 187312

Ion Ratio Lower Upper

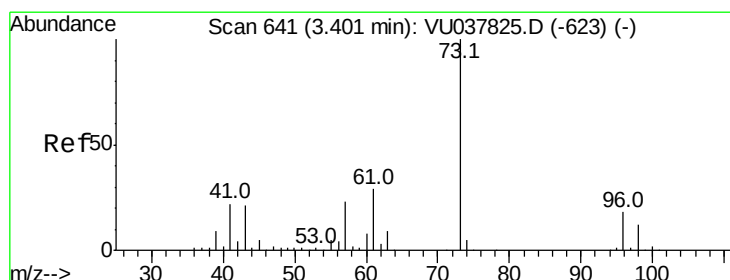
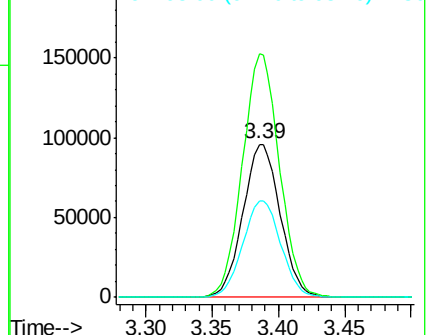
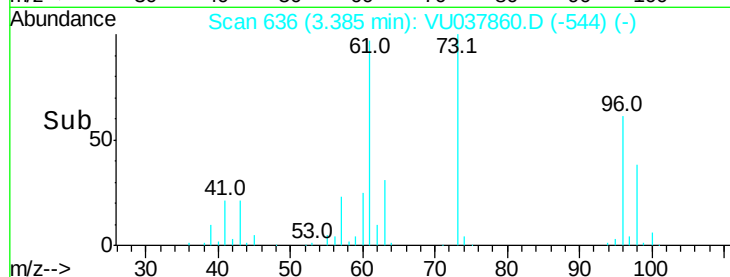
96 100

61 159.2 113.1 210.1

98 62.7 43.5 80.7



Abundance Ion 96.00 (95.70 to 96.70): VU037860.D (-544) (-)



#18

Methyl tert-butyl Ether

Concen: 47.991 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

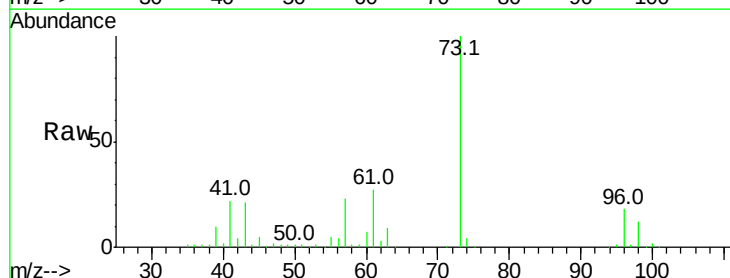
Tgt Ion: 73 Resp: 656398

Ion Ratio Lower Upper

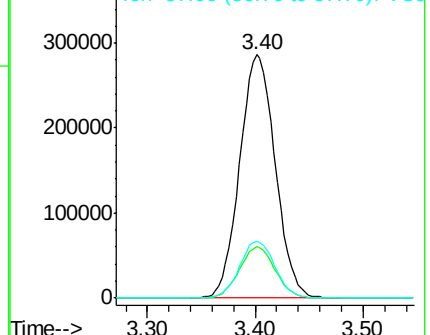
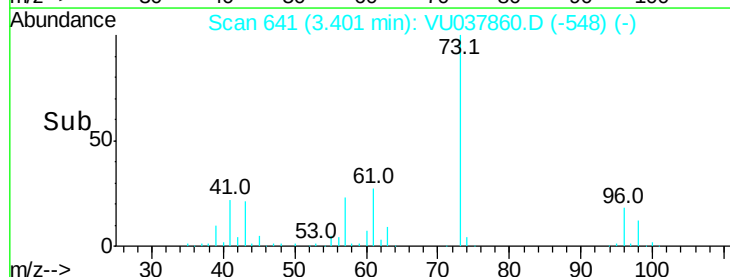
73 100

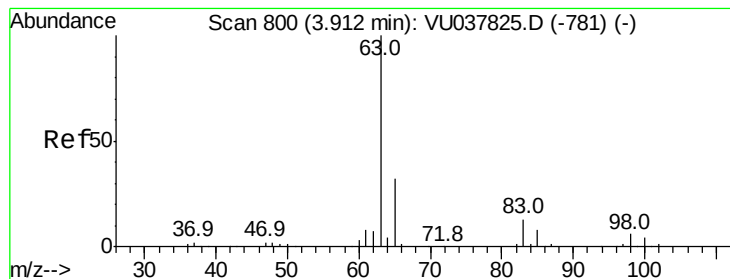
43 21.3 17.2 25.8

57 23.4 18.9 28.3



Abundance Ion 73.00 (72.70 to 73.70): VU037860.D (-548) (-)





#19

1,1-Dichloroethane

Concen: 48.547 ug/L

RT: 3.91 min Scan# 800

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD05035

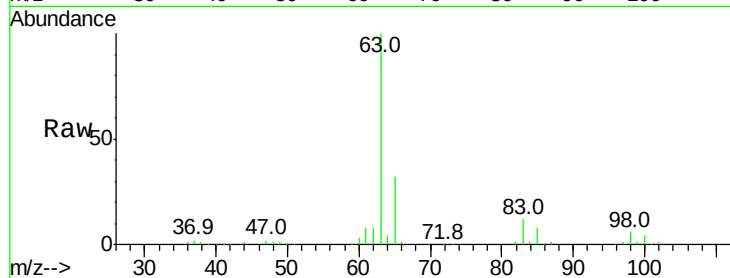
Tgt Ion: 63 Resp: 387300

Ion Ratio Lower Upper

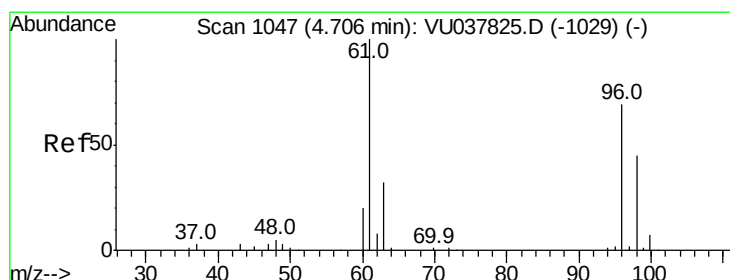
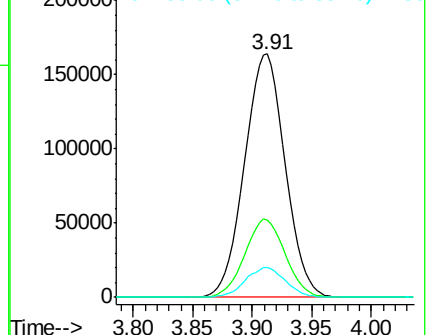
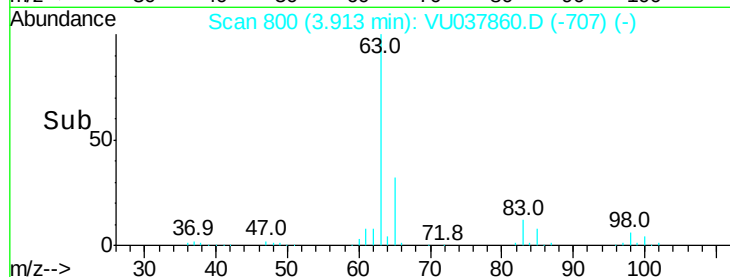
63 100

65 31.7 22.3 41.5

83 12.3 8.7 16.1



Abundance Ion 63.00 (62.70 to 63.70): VU037860.D (-707) (-)



#20

cis-1,2-Dichloroethene

Concen: 48.709 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

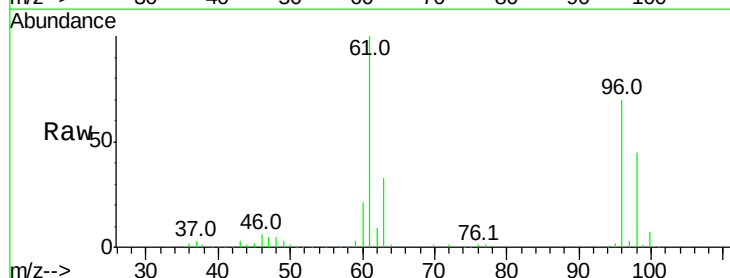
Tgt Ion: 96 Resp: 209168

Ion Ratio Lower Upper

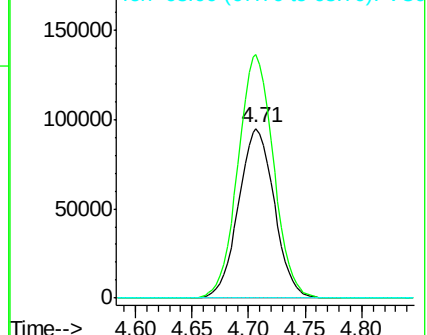
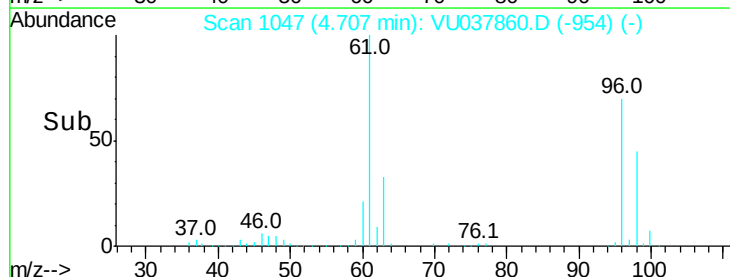
96 100

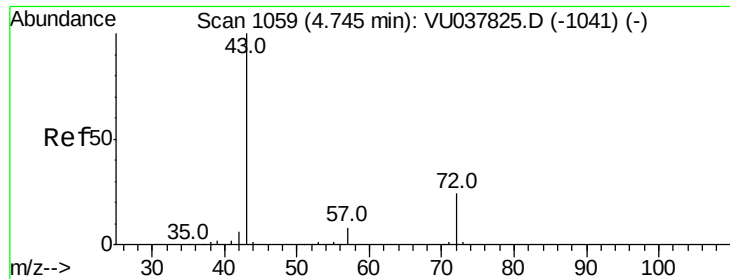
61 143.4 102.6 190.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037860.D (-954) (-)





#22

2-Butanone

Concen: 94.284 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

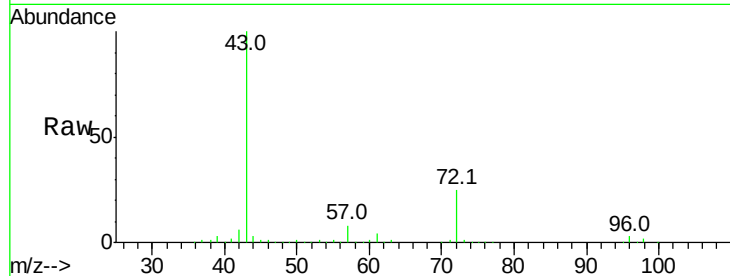
VSTD05035

Tgt Ion: 43 Resp: 400364

Ion Ratio Lower Upper

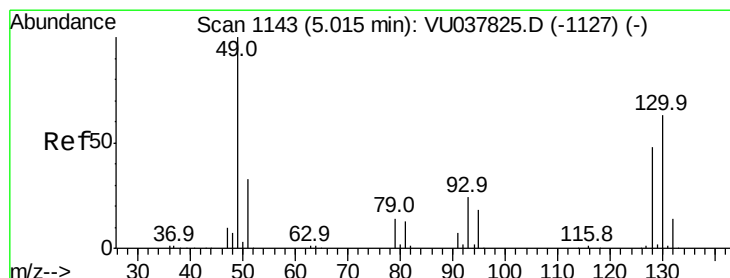
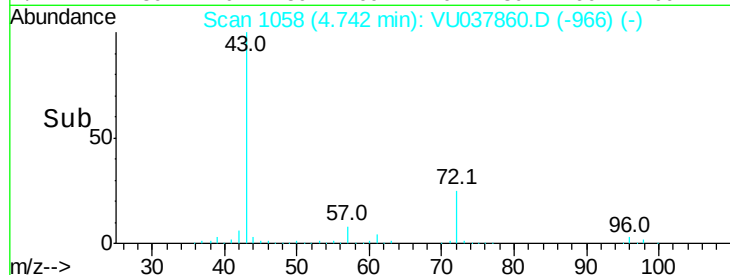
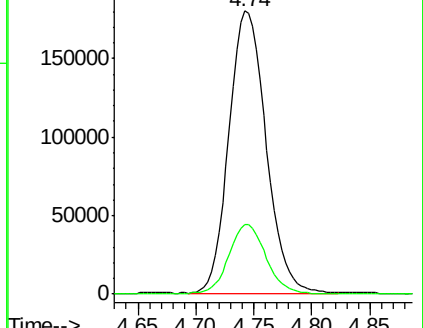
43 100

72 25.1 12.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU037860.D (-966) (-)

Ion 72.00 (71.70 to 72.70): VU037860.D (-966) (-)



#23

Bromochloromethane

Concen: 49.276 ug/L

RT: 5.01 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Tgt Ion: 128 Resp: 101622

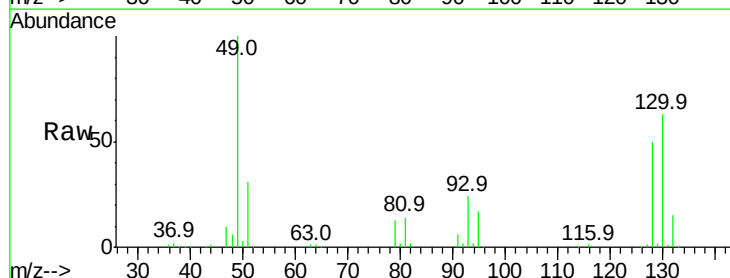
Ion Ratio Lower Upper

128 100

49 201.3 138.3 256.9

130 126.6 91.1 169.1

51 62.5 50.4 75.6

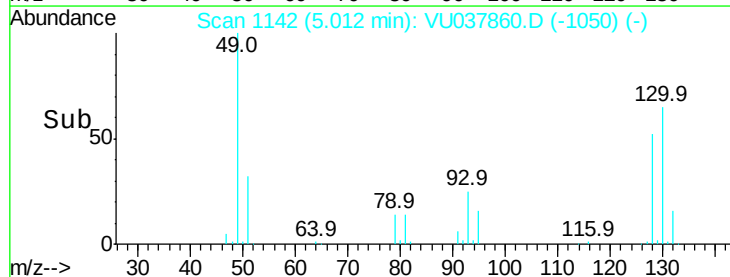
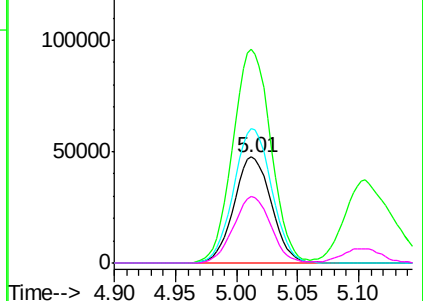


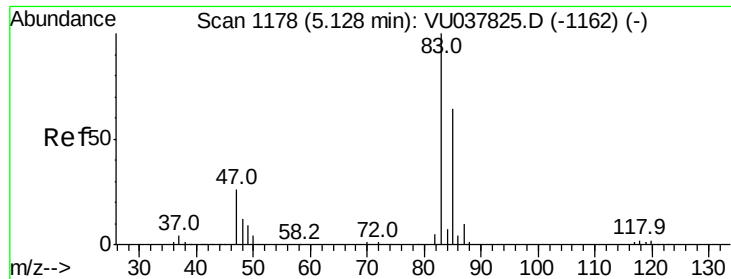
Abundance Ion 128.00 (127.70 to 128.70): VU037860.D (-1050) (-)

Ion 49.00 (48.70 to 49.70): VU037860.D (-1050) (-)

Ion 130.00 (129.70 to 130.70): VU037860.D (-1050) (-)

Ion 51.00 (50.70 to 51.70): VU037860.D (-1050) (-)

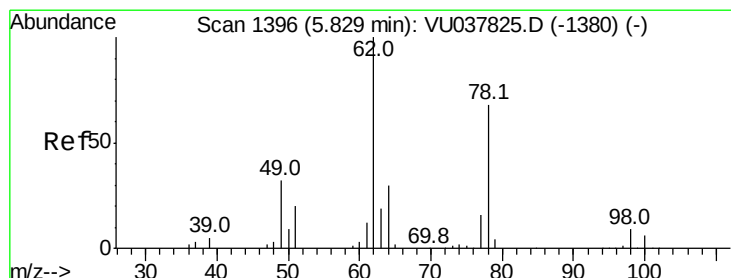
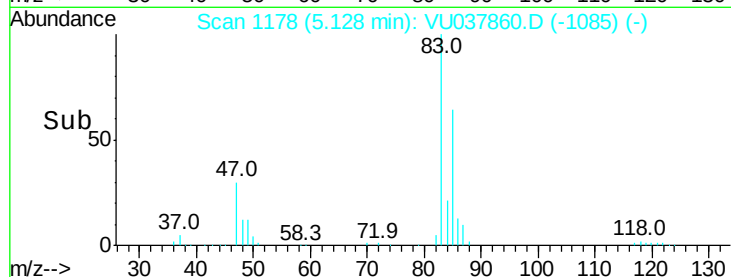
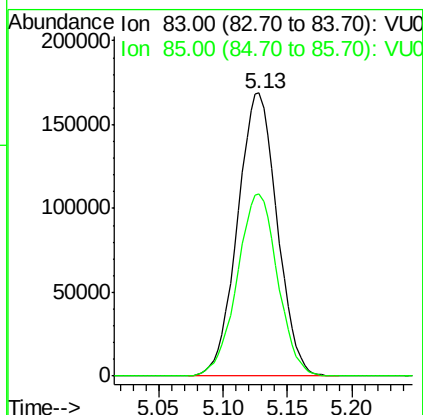
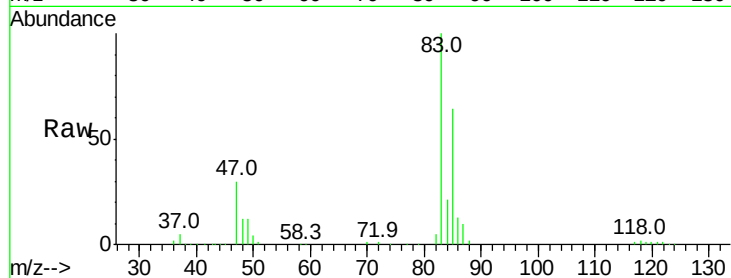




#25
Chloroform
Concen: 48.346 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037860.D
Acq: 23 Apr 2020 13:01

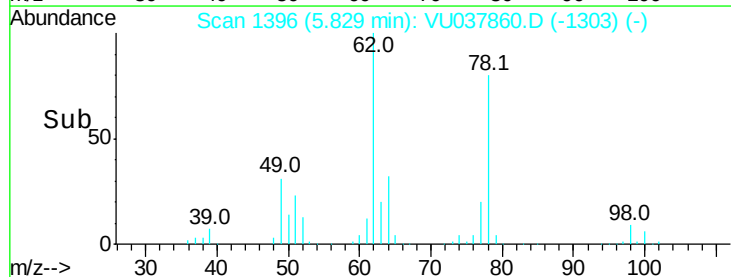
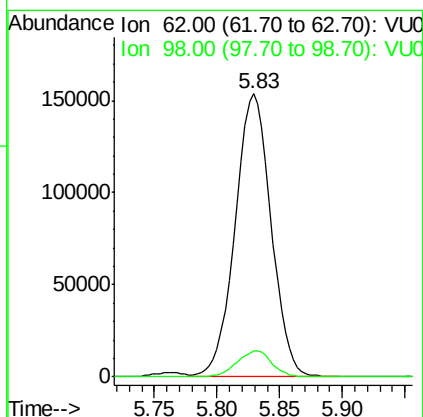
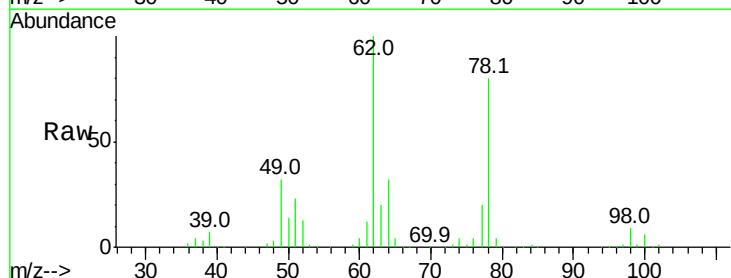
Instrument :
MSVOA_U
ClientSampleId :
VSTD05035

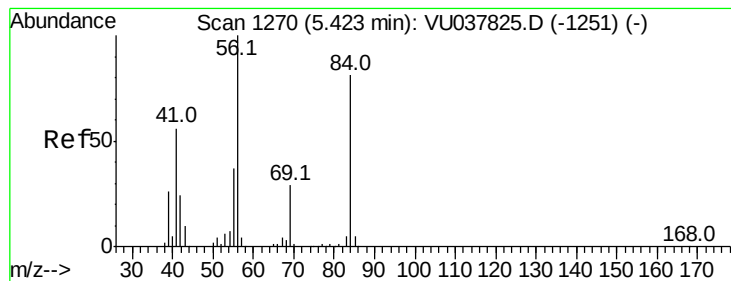
Tgt Ion: 83 Resp: 361139
Ion Ratio Lower Upper
83 100
85 64.5 46.9 87.1



#27
1,2-Dichloroethane
Concen: 47.403 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VU037860.D
Acq: 23 Apr 2020 13:01

Tgt Ion: 62 Resp: 305256
Ion Ratio Lower Upper
62 100
98 9.1 7.0 10.6





#29

Cyclohexane

Concen: 50.296 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD05035

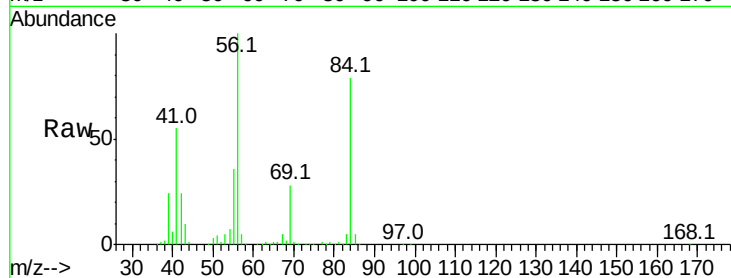
Tgt Ion: 56 Resp: 389837

Ion Ratio Lower Upper

56 100

69 28.6 23.3 34.9

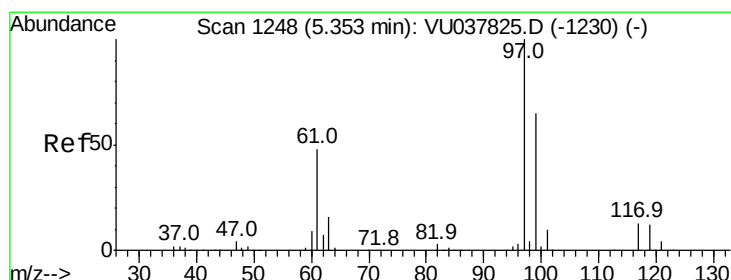
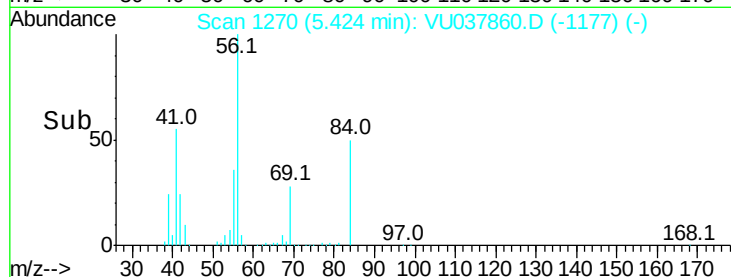
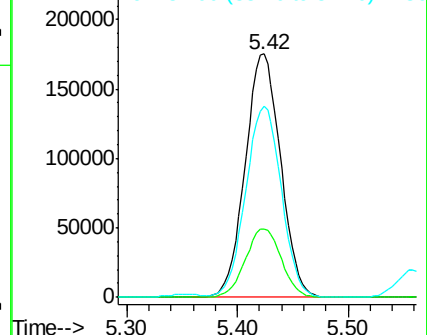
84 79.5 63.8 95.8



Abundance Ion 56.00 (55.70 to 56.70): VU037825.D (-1251) (-)

Ion 69.00 (68.70 to 69.70): VU037825.D (-1251) (-)

Ion 84.00 (83.70 to 84.70): VU037825.D (-1251) (-)



#30

1,1,1-Trichloroethane

Concen: 49.037 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

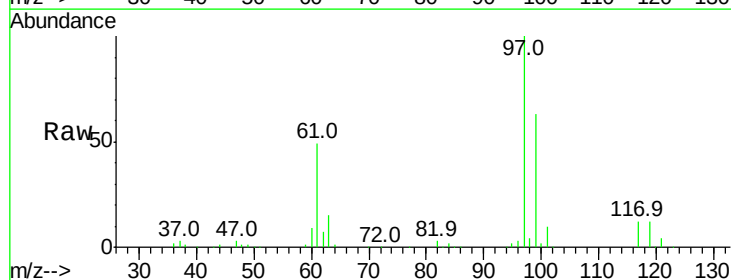
Tgt Ion: 97 Resp: 309978

Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

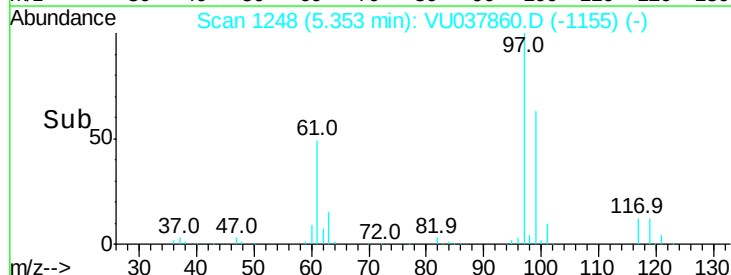
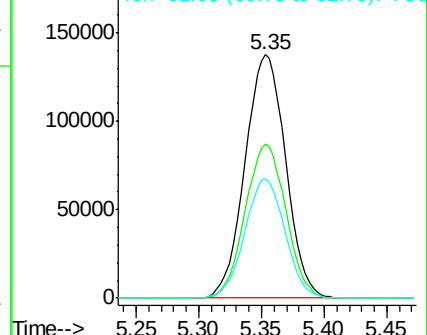
61 48.6 38.3 57.5

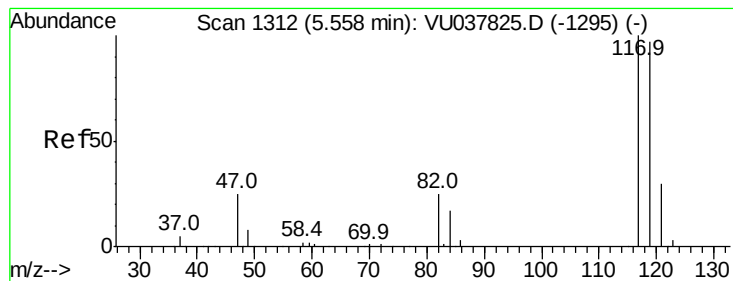


Abundance Ion 97.00 (96.70 to 97.70): VU037825.D (-1230) (-)

Ion 99.00 (98.70 to 99.70): VU037825.D (-1230) (-)

Ion 61.05 (60.75 to 61.75): VU037825.D (-1230) (-)





#31

Carbon tetrachloride

Concen: 49.263 ug/L

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

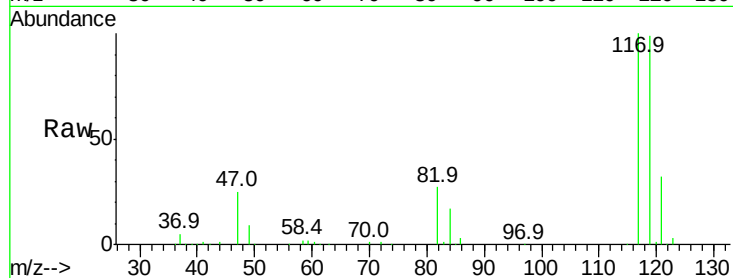
VSTD05035

Tgt Ion:117 Resp: 250523

Ion Ratio Lower Upper

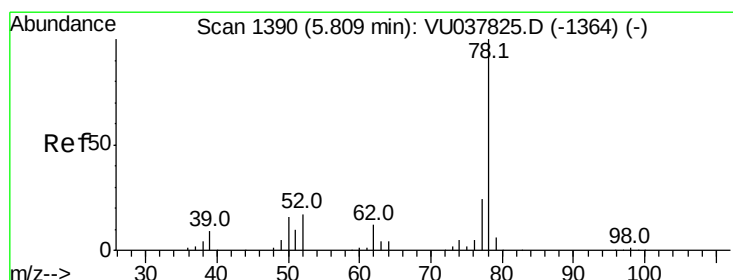
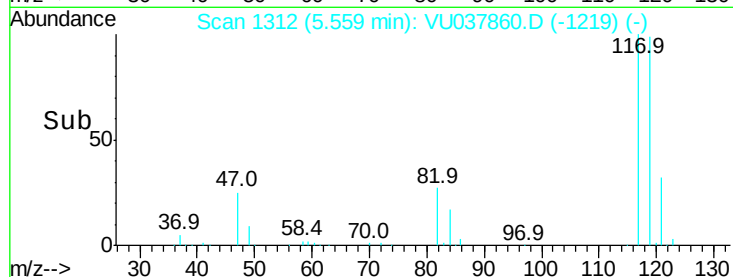
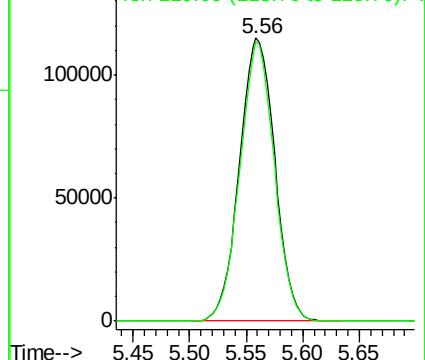
117 100

119 95.9 75.8 113.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 49.654 ug/L

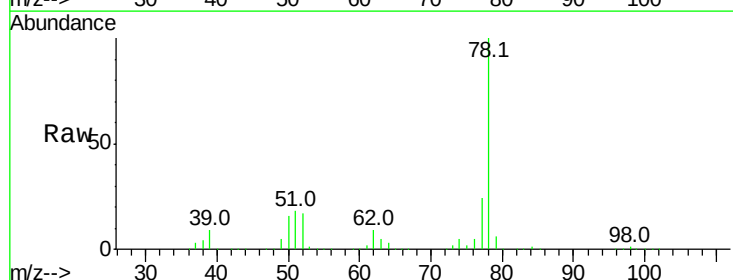
RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

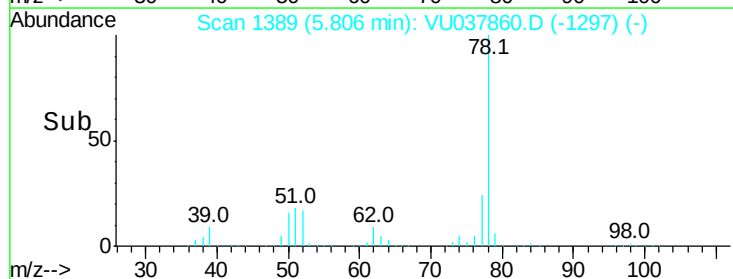
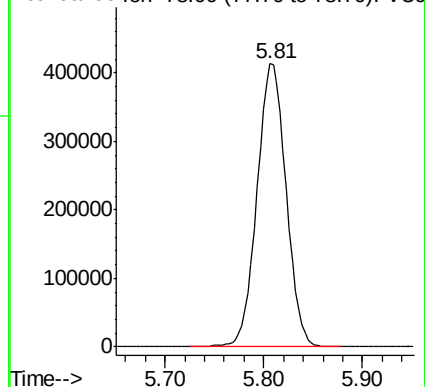
Lab File: VU037860.D

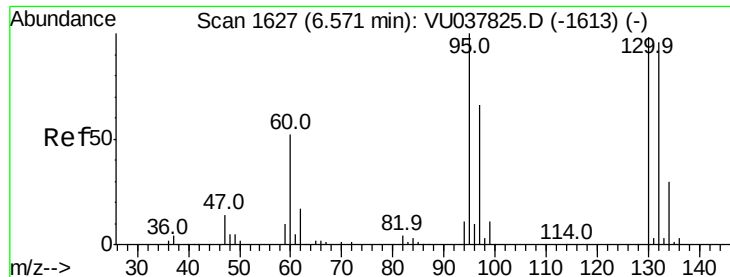
Acq: 23 Apr 2020 13:01

Tgt Ion: 78 Resp: 839498



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 49.039 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD05035

Tgt Ion: 95 Resp: 204681

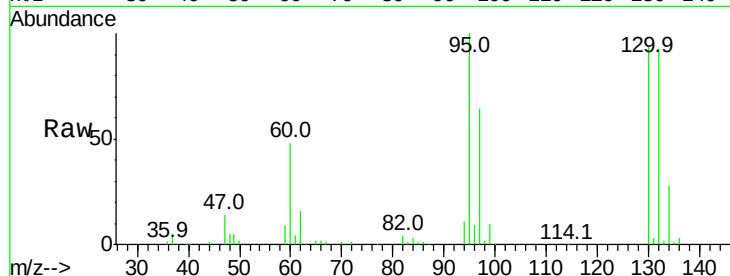
Ion Ratio Lower Upper

95 100

97 63.5 43.1 80.1

132 92.8 63.6 118.2

130 93.6 65.5 121.6

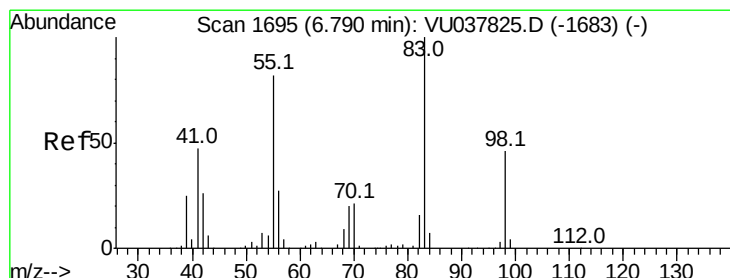
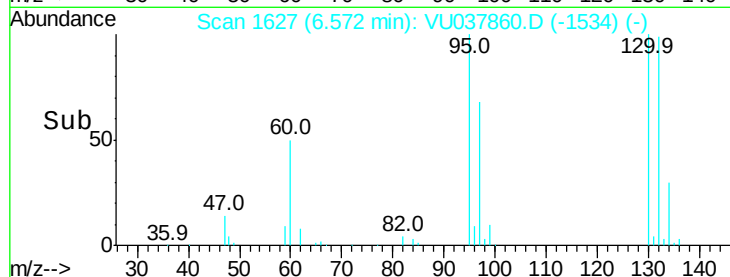
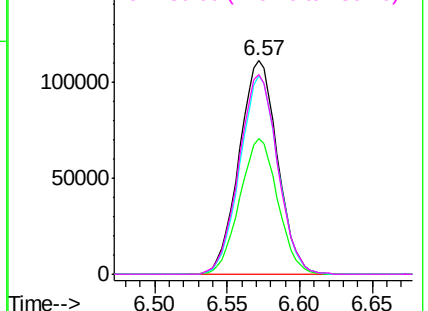


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 49.607 ug/L

RT: 6.79 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

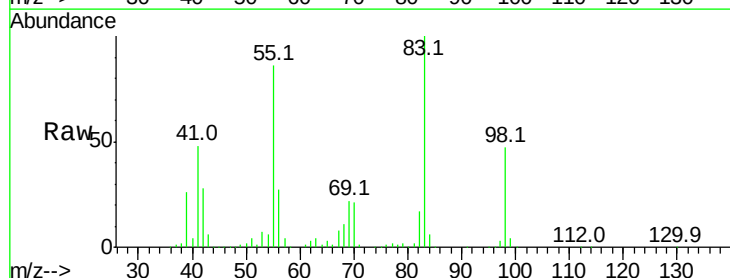
Tgt Ion: 83 Resp: 361493

Ion Ratio Lower Upper

83 100

55 82.9 67.3 100.9

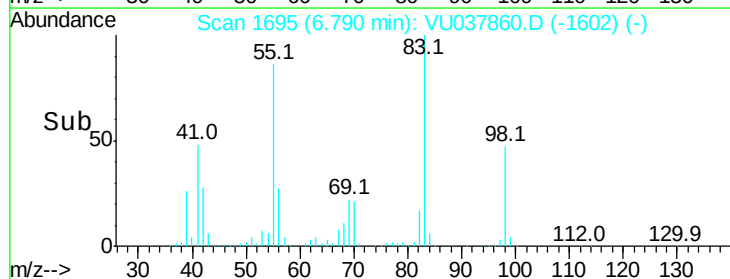
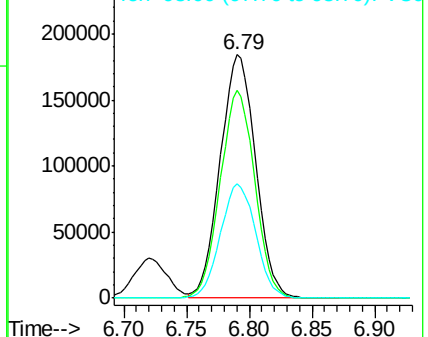
98 46.7 36.9 55.3

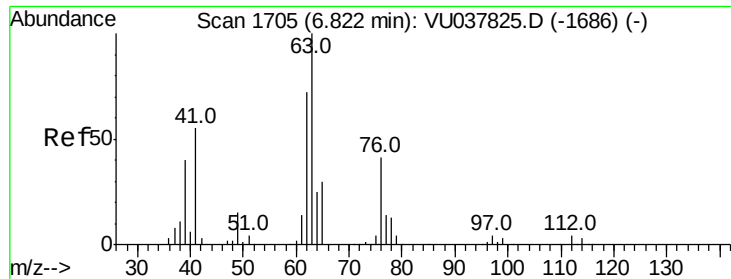


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

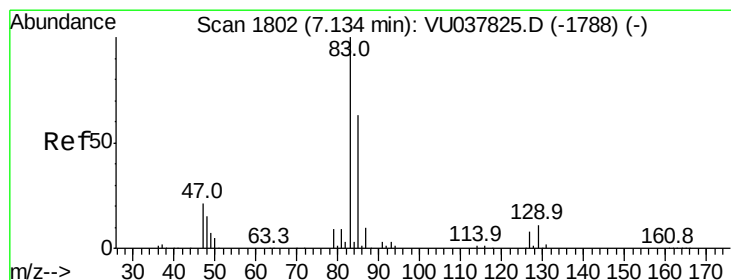
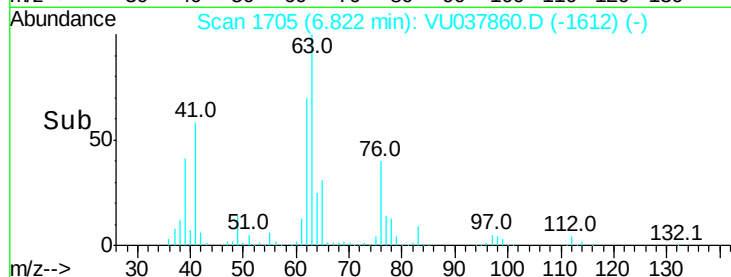
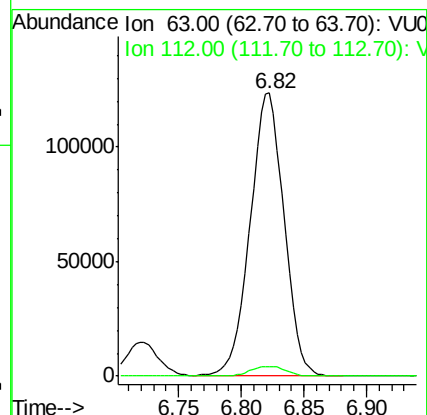
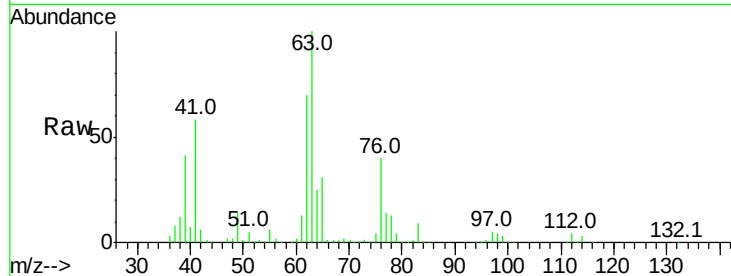




#37
 1,2-Dichloropropane
 Concen: 48.663 ug/L
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU037860.D
 Acq: 23 Apr 2020 13:01

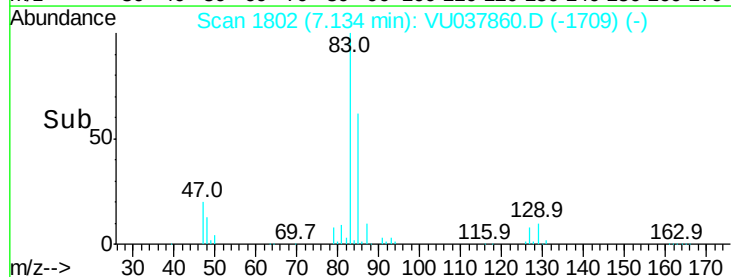
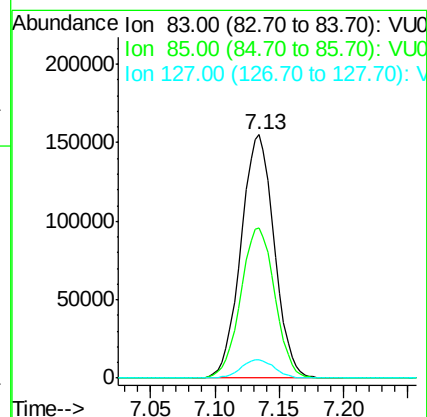
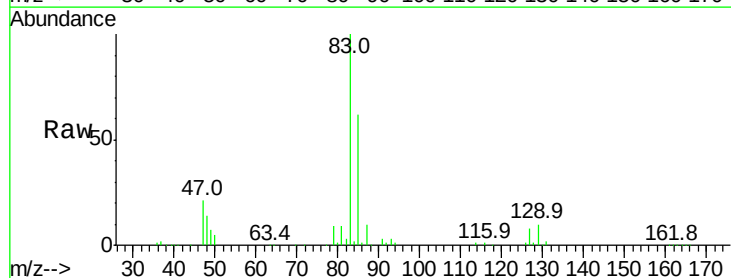
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05035

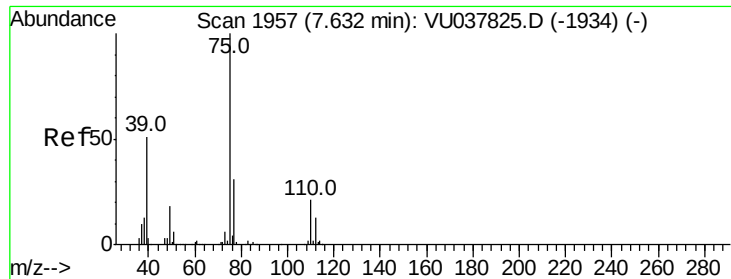
Tgt Ion: 63 Resp: 232396
 Ion Ratio Lower Upper
 63 100
 112 3.7 3.1 4.7



#38
 Bromodichloromethane
 Concen: 48.488 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VU037860.D
 Acq: 23 Apr 2020 13:01

Tgt Ion: 83 Resp: 278669
 Ion Ratio Lower Upper
 83 100
 85 61.8 44.7 83.1
 127 7.7 6.3 9.5

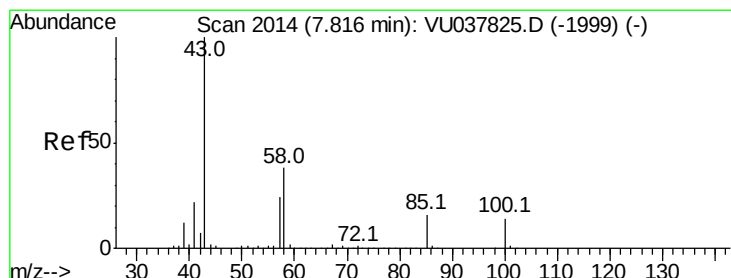
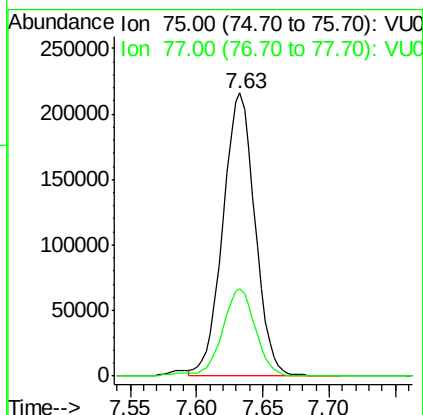
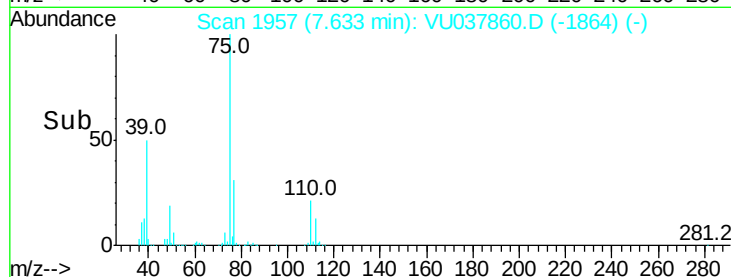
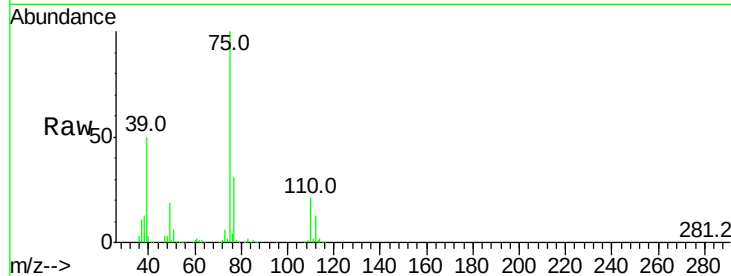




#39
 cis-1,3-Dichloropropene
 Concen: 48.048 ug/L
 RT: 7.63 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU037860.D
 Acq: 23 Apr 2020 13:01

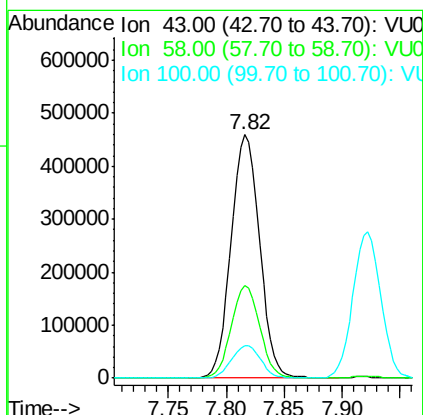
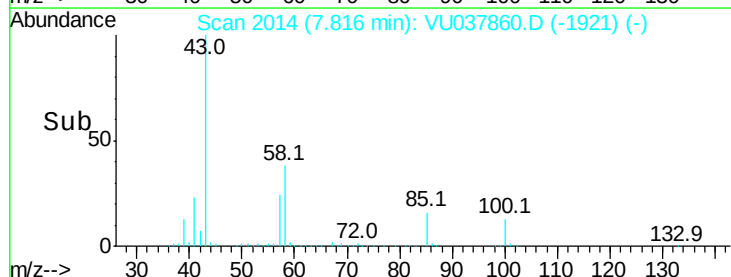
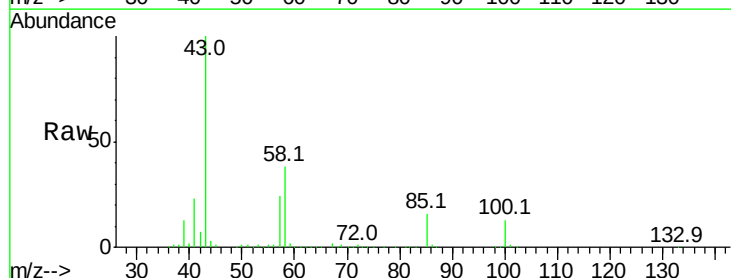
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05035

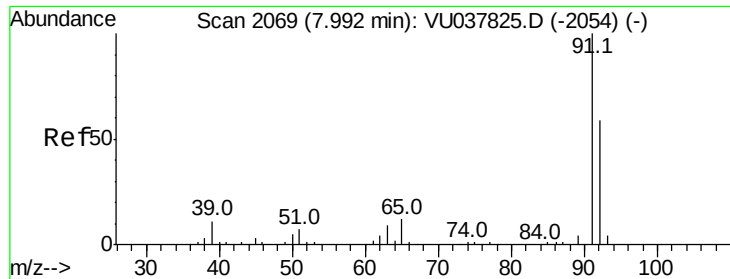
Tgt Ion: 75 Resp: 361426
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 96.393 ug/L
 RT: 7.82 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: VU037860.D
 Acq: 23 Apr 2020 13:01

Tgt Ion: 43 Resp: 785293
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.5 45.7
 100 13.6 11.0 16.4





#42

Toluene

Concen: 48.839 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

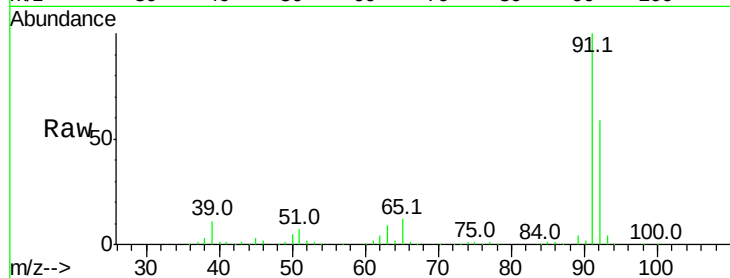
VSTD05035

Tgt Ion: 91 Resp: 874434

Ion Ratio Lower Upper

91 100

92 58.9 40.7 75.5



Abundance Ion 91.00 (90.70 to 91.70): VU037825.D (-2054) (-)

Ion 92.00 (91.70 to 92.70): VU037825.D (-2054) (-)

7.99

600000

500000

400000

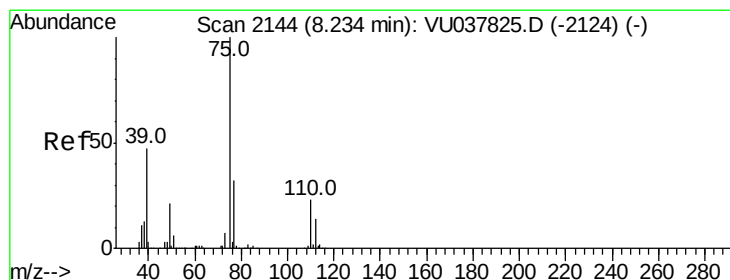
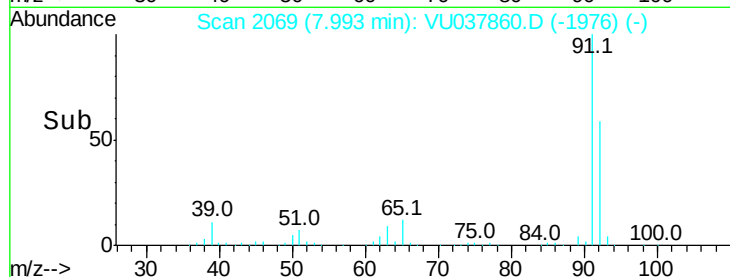
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 49.370 ug/L

RT: 8.23 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VU037860.D

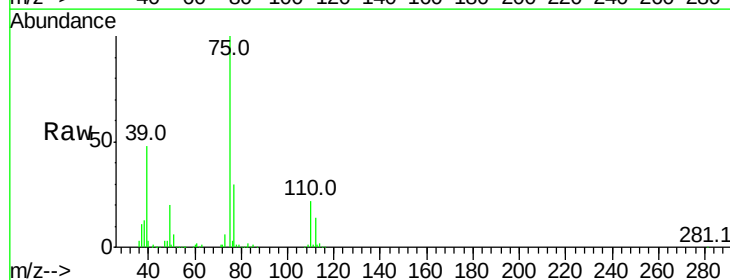
Acq: 23 Apr 2020 13:01

Tgt Ion: 75 Resp: 356950

Ion Ratio Lower Upper

75 100

77 30.0 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU037825.D (-2124) (-)

Ion 77.00 (76.70 to 77.70): VU037825.D (-2124) (-)

8.23

250000

200000

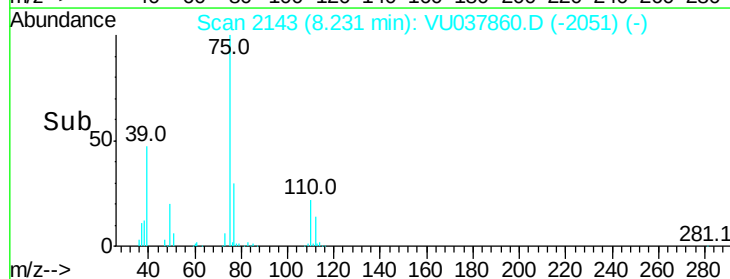
150000

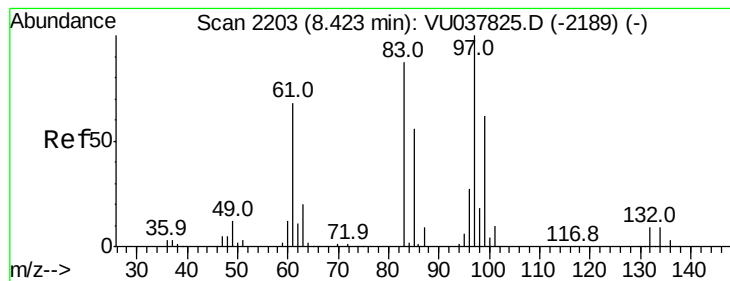
100000

50000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 48.192 ug/L

RT: 8.42 min Scan# 2203

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD05035

Tgt Ion: 97 Resp: 198869

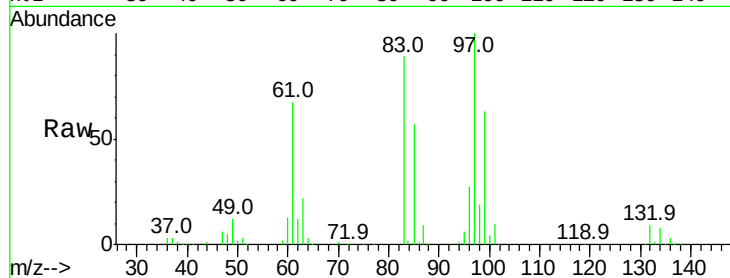
Ion Ratio Lower Upper

97 100

99 62.8 44.1 81.9

83 89.4 61.6 114.4

85 57.2 40.0 74.2

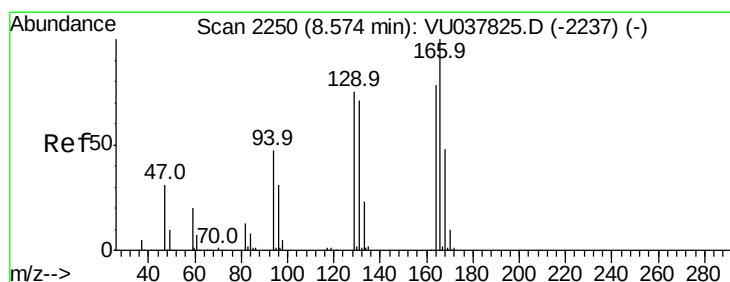
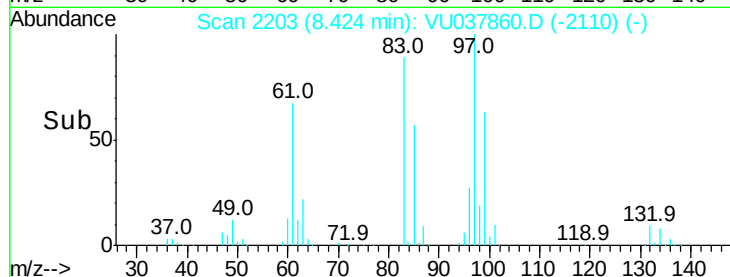
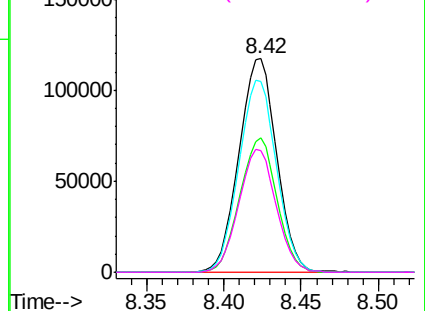


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

Tetrachloroethene

Concen: 49.156 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU037860.D

Acq: 23 Apr 2020 13:01

Tgt Ion: 164 Resp: 147382

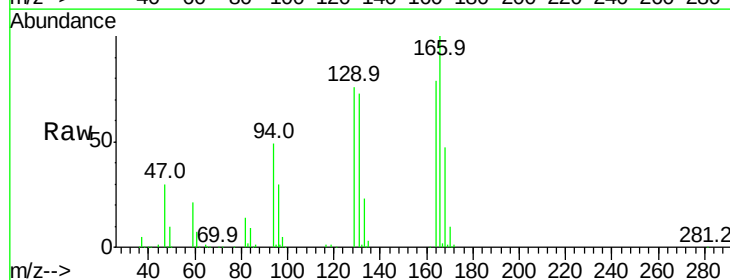
Ion Ratio Lower Upper

164 100

129 96.2 65.9 122.5

131 92.6 62.9 116.9

166 126.5 88.8 164.8



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

