

Data File : VU037946.D
Acq On : 30 Apr 2020 11:02
Operator : JC/MD
Sample : VSTD100
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD10031

Quant Time: Apr 30 11:24:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 30 10:59:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	714522	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	708463	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	351776	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	591147	94.69	ug/L	0.00
7) Chloroethane-d5	1.92	69	482564	99.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	977000	96.68	ug/L	0.00
21) 2-Butanone-d5	4.66	46	916242	185.22	ug/L	0.00
24) Chloroform-d	5.10	84	932192	98.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	621307	94.36	ug/L	0.00
32) Benzene-d6	5.76	84	1951938	97.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	645675	96.35	ug/L	0.00
41) Toluene-d8	7.92	98	1803177	97.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	312780	90.69	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	562658	154.25	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	946553	101.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	663366	96.91	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	531280	90.125	ug/L	100
3) Chloromethane	1.53	50	647899	100.842	ug/L	99
5) Vinyl chloride	1.62	62	686142	96.792	ug/L	99
6) Bromomethane	1.85	94	331910	113.154	ug/L	99
8) Chloroethane	1.94	64	404405	101.535	ug/L	99
9) Trichlorofluoromethane	2.15	101	705749	93.638	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	434975	99.032	ug/L	99
12) 1,1-Dichloroethene	2.60	96	446396	102.905	ug/L	94
13) Acetone	2.65	43	580004	196.522	ug/L	99
14) Carbon disulfide	2.82	76	1493333	96.257	ug/L	100
15) Methyl Acetate	2.97	43	651478	91.328	ug/L	100
16) Methylene chloride	3.07	84	526190	102.082	ug/L	97
17) trans-1,2-Dichloroethene	3.39	96	483159	99.613	ug/L	97
18) Methyl tert-butyl Ether	3.40	73	1633956	97.797	ug/L	100
19) 1,1-Dichloroethane	3.91	63	953792	97.553	ug/L	99
20) cis-1,2-Dichloroethene	4.70	96	534692	100.683	ug/L	96
22) 2-Butanone	4.74	43	962883	186.319	ug/L	100
23) Bromochloromethane	5.01	128	256256	99.860	ug/L	97
25) Chloroform	5.12	83	908389	99.295	ug/L	98
27) 1,2-Dichloroethane	5.83	62	764145	97.527	ug/L	99
29) Cyclohexane	5.42	56	887797	89.574	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	754510	95.363	ug/L	99
31) Carbon tetrachloride	5.56	117	603966	94.428	ug/L	98
33) Benzene	5.81	78	2095416	97.447	ug/L	100
34) Trichloroethene	6.57	95	503743	95.505	ug/L	99
35) Methylcyclohexane	6.79	83	865717	93.734	ug/L	99
37) 1,2-Dichloropropane	6.82	63	562563	95.787	ug/L	100
38) Bromodichloromethane	7.13	83	691626	97.471	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	911932	96.981	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1844227	180.563	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	2204259	97.771	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	848668	93.501	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	510357	99.613	ug/L	100
46) Tetrachloroethene	8.57	164	347756	90.203	ug/L	99
48) 2-Hexanone	8.71	43	1525283	188.873	ug/L	99
49) Dibromochloromethane	8.83	129	517053	96.648	ug/L	99
50) 1,2-Dibromoethane	8.94	107	547782	98.703	ug/L	97
51) Chlorobenzene	9.47	112	1367495	97.516	ug/L	99
52) Ethylbenzene	9.59	91	2475531	98.051	ug/L	100
53) m,p-Xylene	9.71	106	942343	99.133	ug/L	97
54) o-xylene	10.12	106	928273	99.849	ug/L	100
55) Styrene	10.13	104	1620833	101.378	ug/L	100
56) Isopropylbenzene	10.50	105	2400411	97.561	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	934419	102.549	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	774426	98.160	ug/L	100
61) Bromoform	10.31	173	364429	92.052	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	1046667	95.030	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	1046772	94.162	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	1052237	98.314	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	224486	94.114	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	730561	91.271	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	702804	90.279	ug/L	99
69) Naphthalene	14.11	128	2777063	99.482	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	707723	92.066	ug/L	100

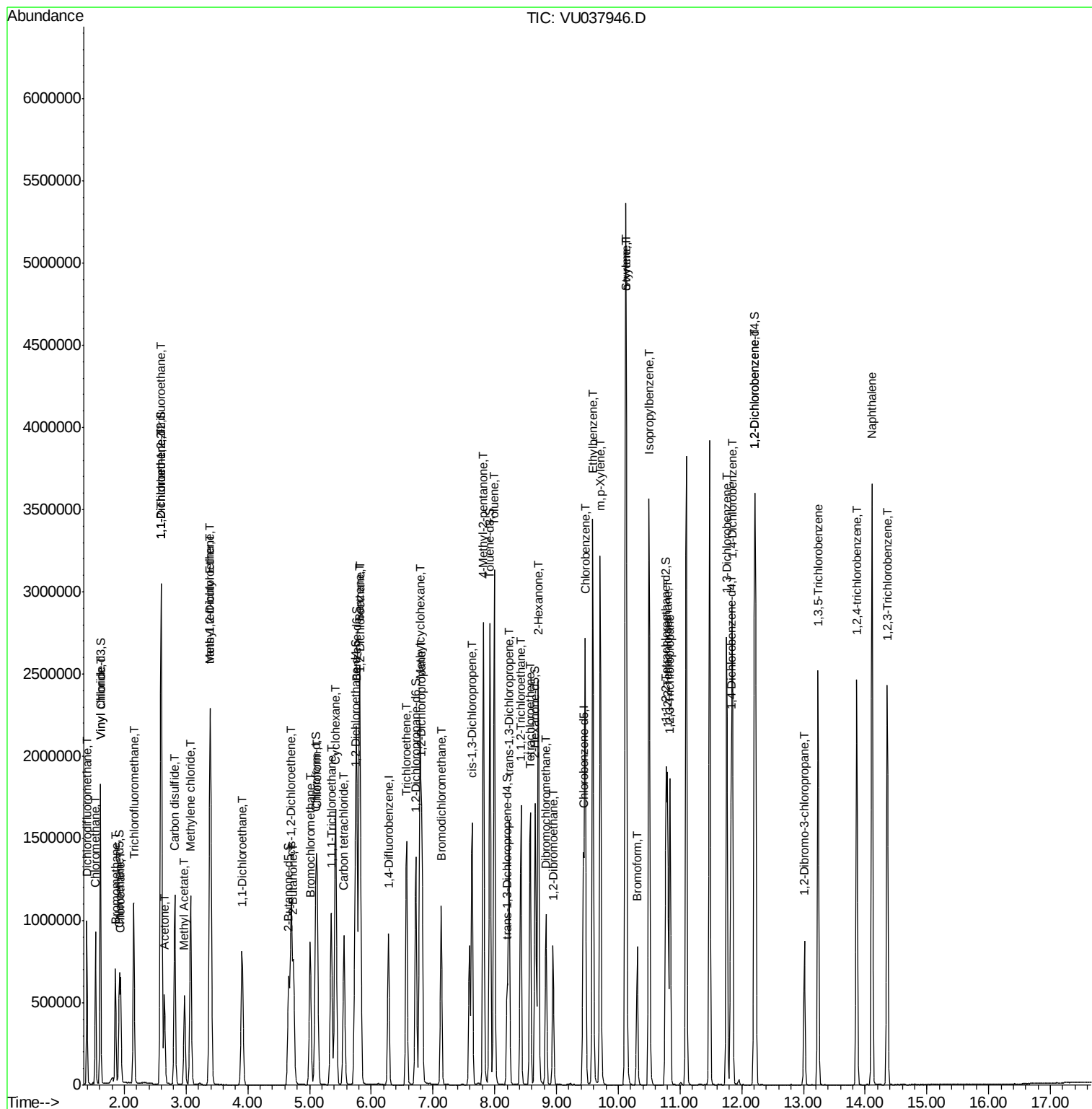
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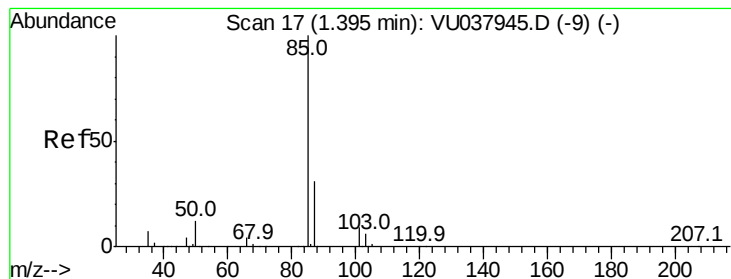
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#2

Dichlorodifluoromethane

Concen: 90.125 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

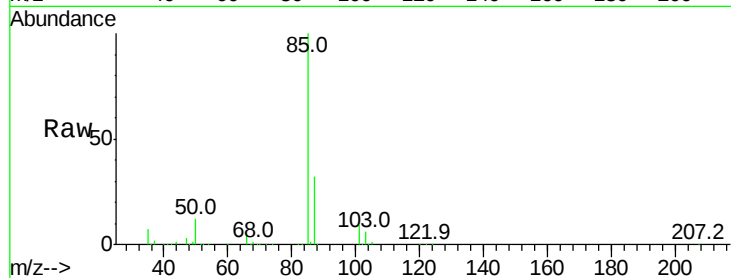
VSTD10031

Tgt Ion: 85 Resp: 531280

Ion Ratio Lower Upper

85 100

87 32.0 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VU037946.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU037946.D (-1) (-)

1.39

600000

500000

400000

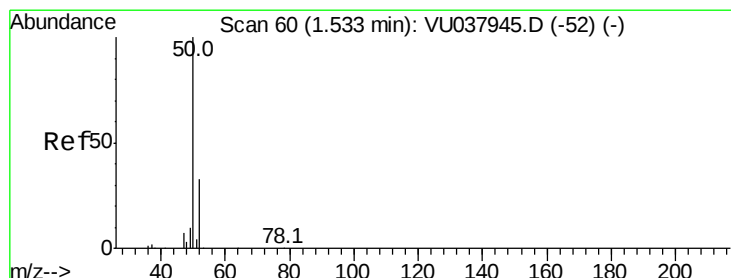
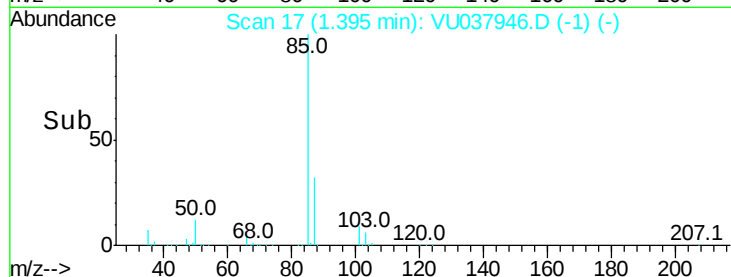
300000

200000

100000

0

Time--> 1.35 1.40 1.45



#3

Chloromethane

Concen: 100.842 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU037946.D

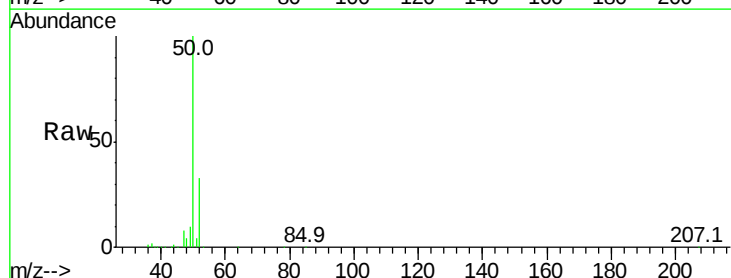
Acq: 30 Apr 2020 11:02

Tgt Ion: 50 Resp: 647899

Ion Ratio Lower Upper

50 100

52 33.2 22.9 42.5



Abundance Ion 50.00 (49.70 to 50.70): VU037946.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU037946.D (-1) (-)

1.53

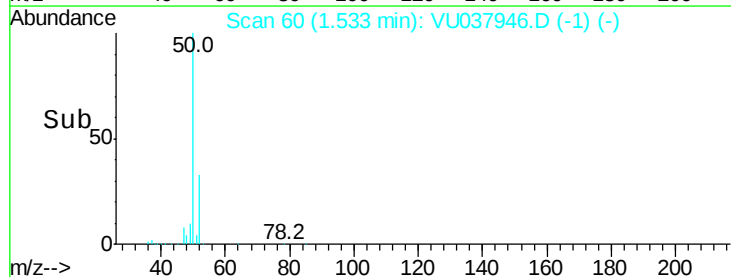
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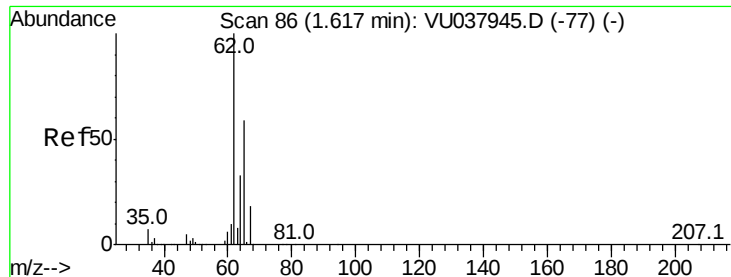
400000

200000

0

Time--> 1.50 1.55 1.60





#5

Vinyl chloride

Concen: 96.792 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

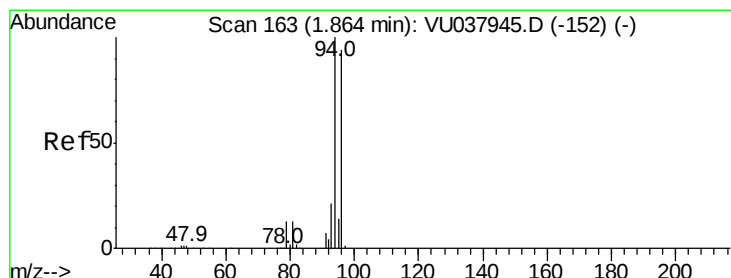
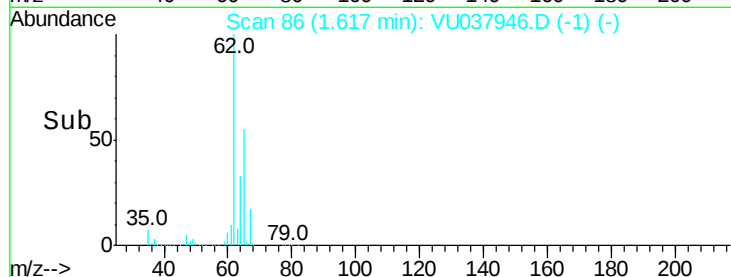
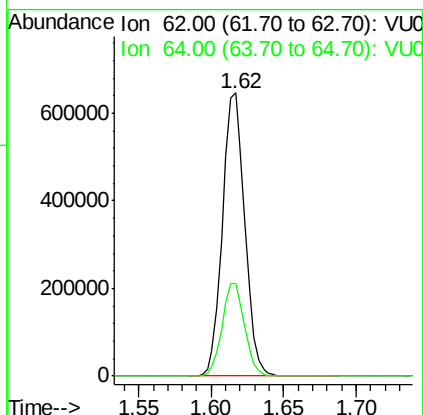
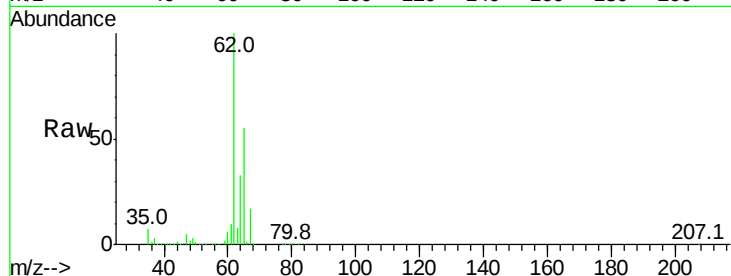
VSTD10031

Tgt Ion: 62 Resp: 686142

Ion Ratio Lower Upper

62 100

64 32.7 23.2 43.2



#6

Bromomethane

Concen: 113.154 ug/L

RT: 1.85 min Scan# 160

Delta R.T. -0.01 min

Lab File: VU037946.D

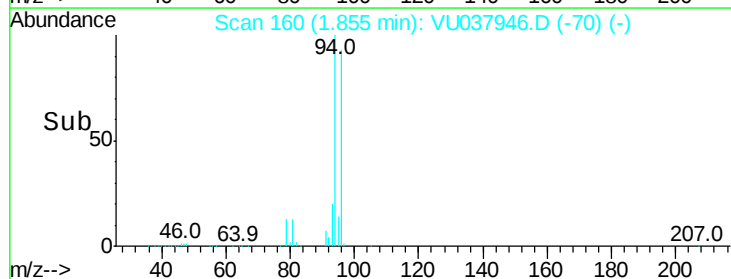
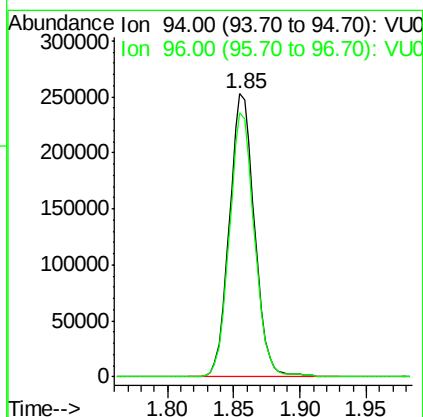
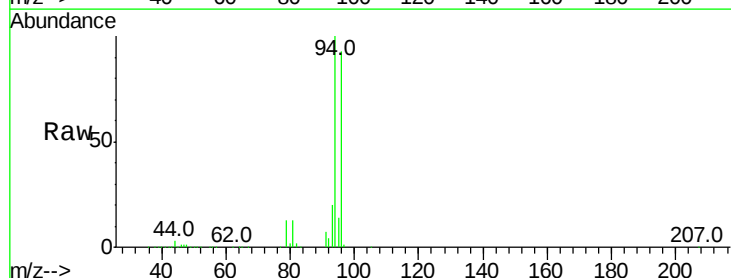
Acq: 30 Apr 2020 11:02

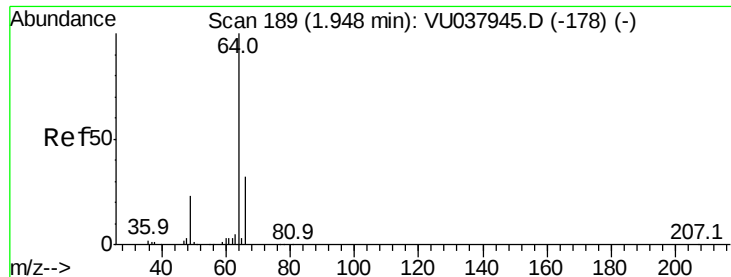
Tgt Ion: 94 Resp: 331910

Ion Ratio Lower Upper

94 100

96 93.2 65.9 122.5

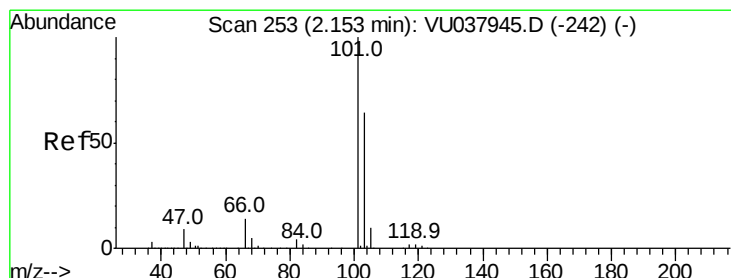
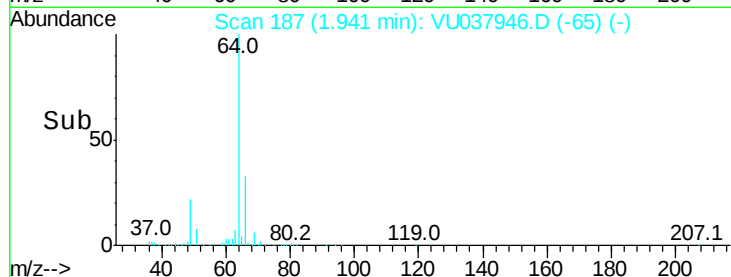
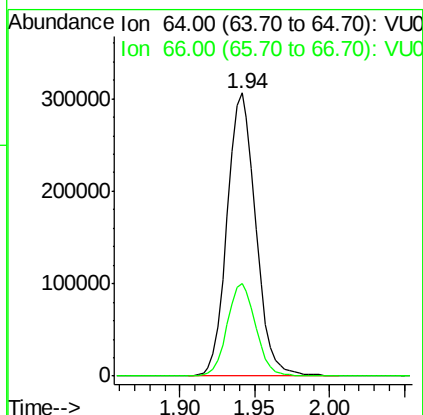
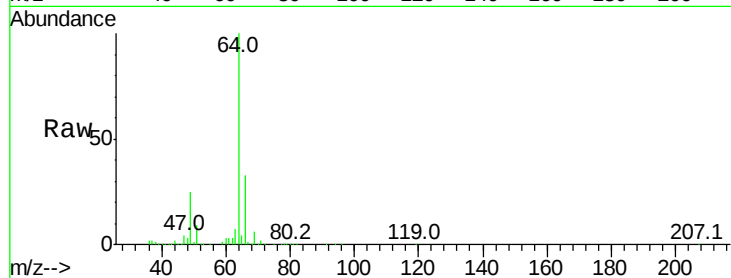




#8
Chloroethane
Concen: 101.535 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.01 min
Lab File: VU037946.D
Acq: 30 Apr 2020 11:02

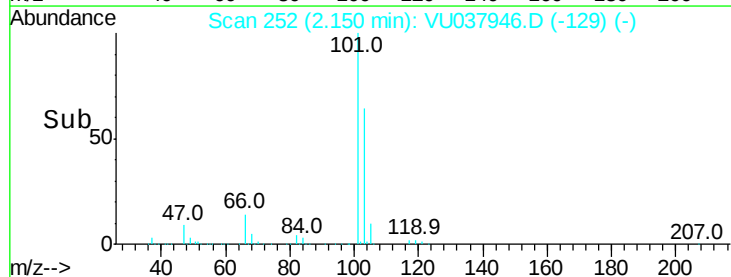
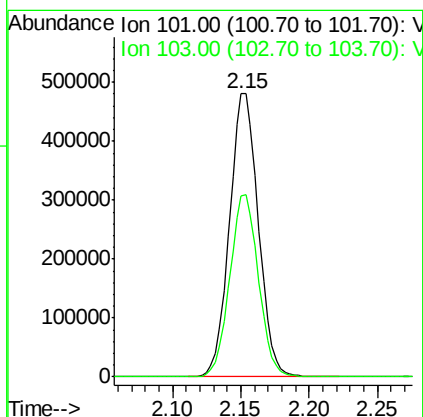
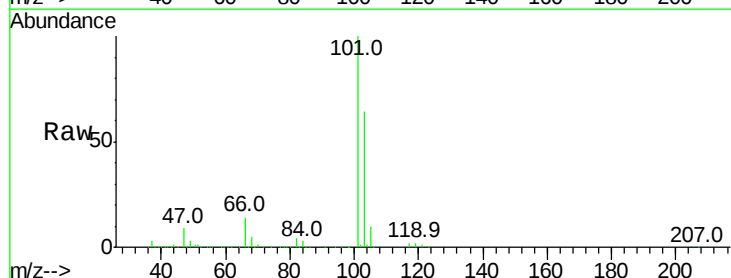
Instrument :
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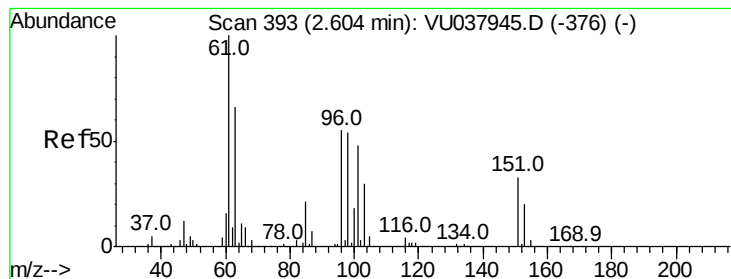
Tgt Ion: 64 Resp: 404405
Ion Ratio Lower Upper
64 100
66 32.8 22.5 41.7



#9
Trichlorofluoromethane
Concen: 93.638 ug/L
RT: 2.15 min Scan# 252
Delta R.T. -0.00 min
Lab File: VU037946.D
Acq: 30 Apr 2020 11:02

Tgt Ion: 101 Resp: 705749
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0





#10

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

Concen: 99.032 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD10031

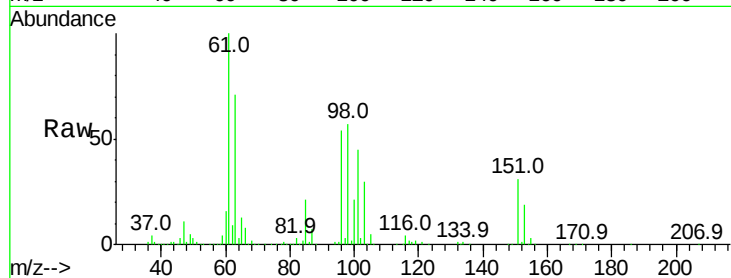
Tgt Ion: 101 Resp: 434975

Ion Ratio Lower Upper

101 100

85 44.4 34.7 52.1

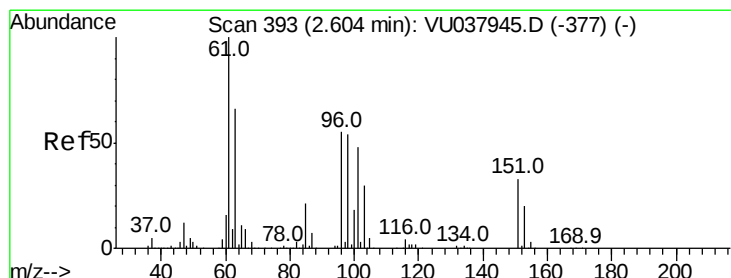
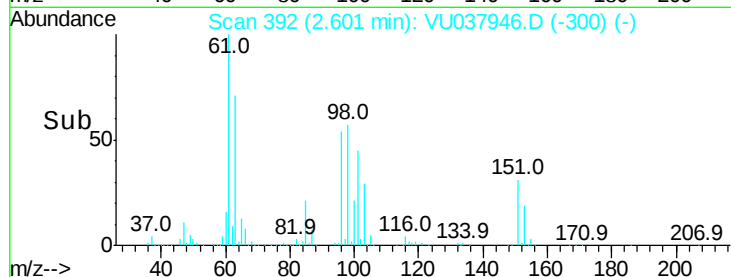
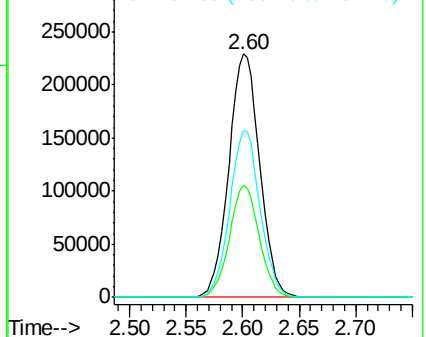
151 67.3 53.4 80.2



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: 102.905 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

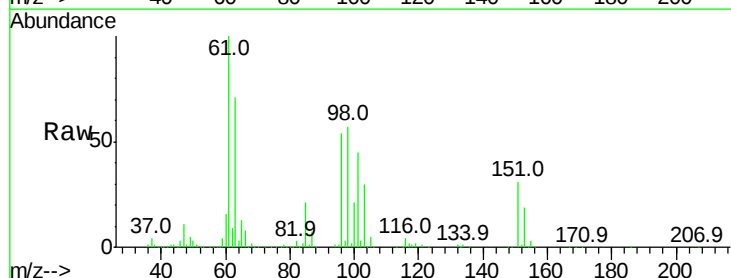
Tgt Ion: 96 Resp: 446396

Ion Ratio Lower Upper

96 100

61 185.2 126.1 234.3

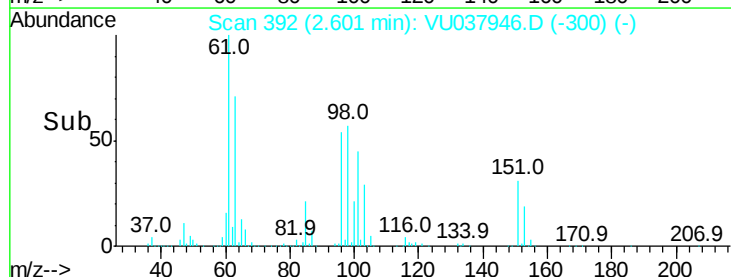
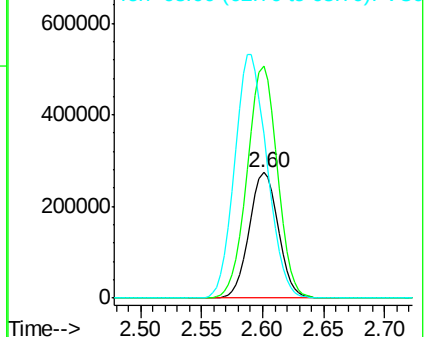
63 130.8 83.4 154.8

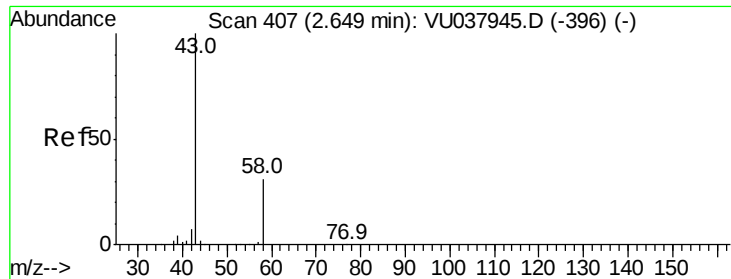


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 196.522 ug/L

RT: 2.65 min Scan# 407

Delta R.T. 0.00 min

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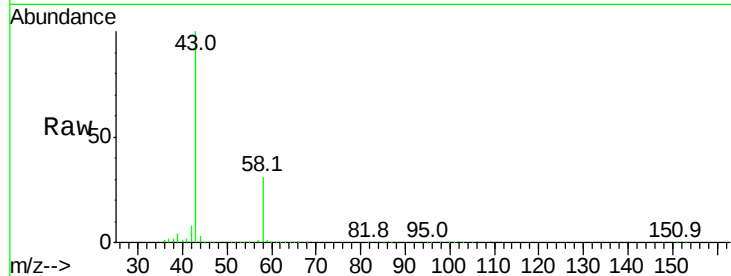
VSTD10031

Tgt Ion: 43 Resp: 580004

Ion Ratio Lower Upper

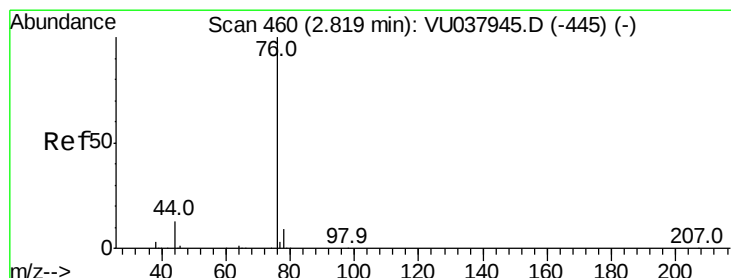
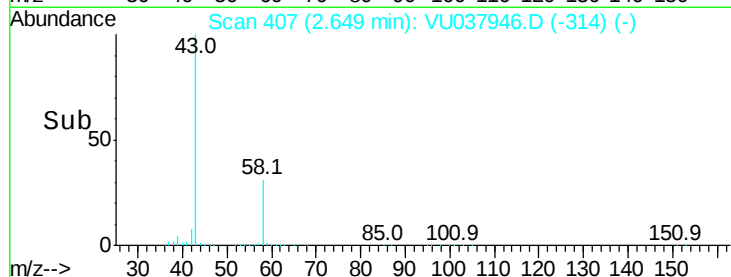
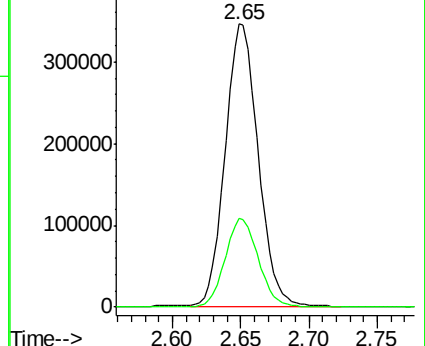
43 100

58 31.5 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU037946.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VU037946.D (-314) (-)



#14

Carbon disulfide

Concen: 96.257 ug/L

RT: 2.82 min Scan# 459

Delta R.T. -0.00 min

Lab File: VU037946.D

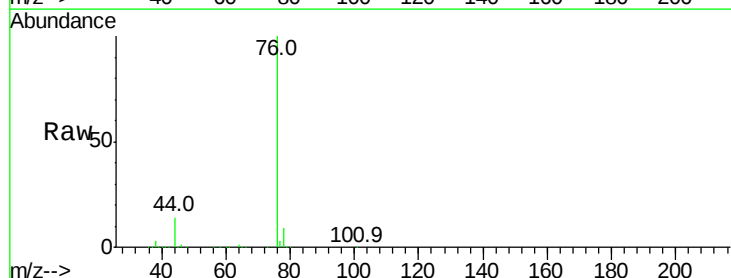
Acq: 30 Apr 2020 11:02

Tgt Ion: 76 Resp: 1493333

Ion Ratio Lower Upper

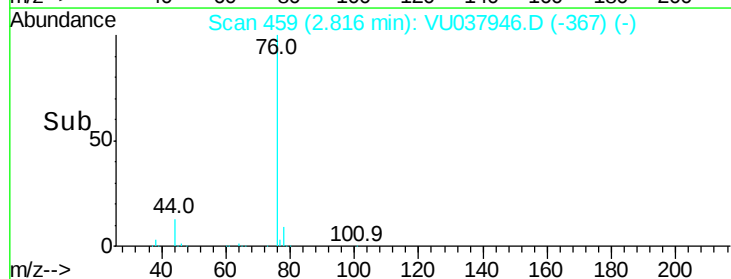
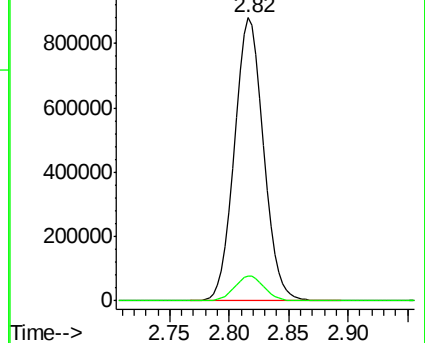
76 100

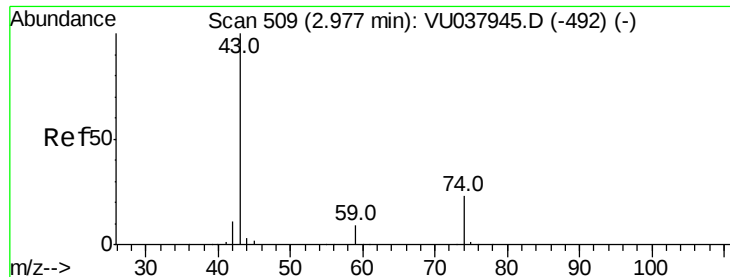
78 8.7 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VU037946.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU037946.D (-367) (-)

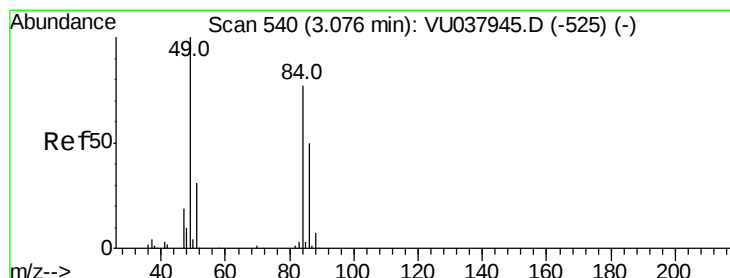
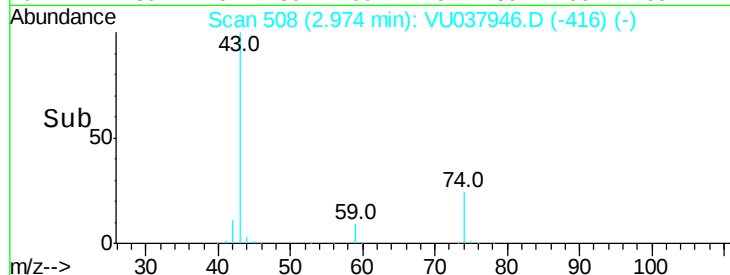
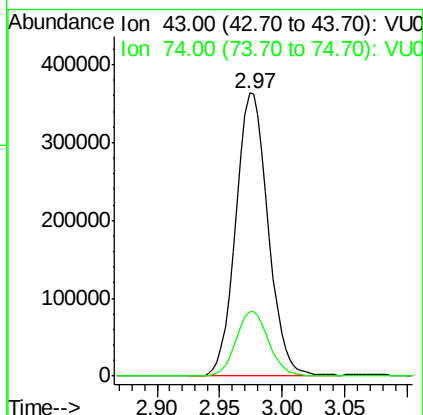
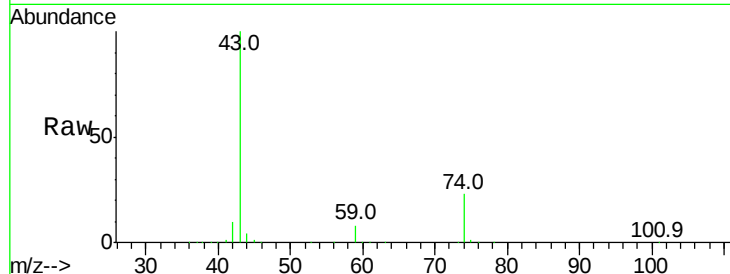




#15
Methyl Acetate
Concen: 91.328 ug/L
RT: 2.97 min Scan# 508
Delta R.T. -0.00 min
Lab File: VU037946.D
Acq: 30 Apr 2020 11:02

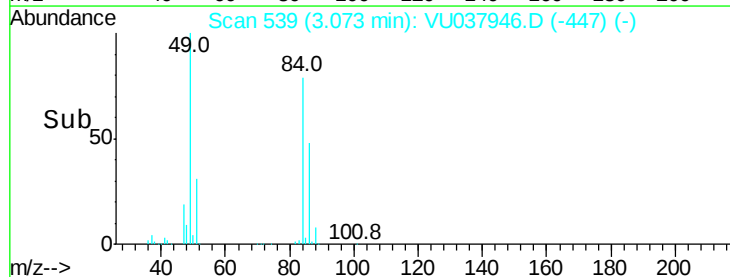
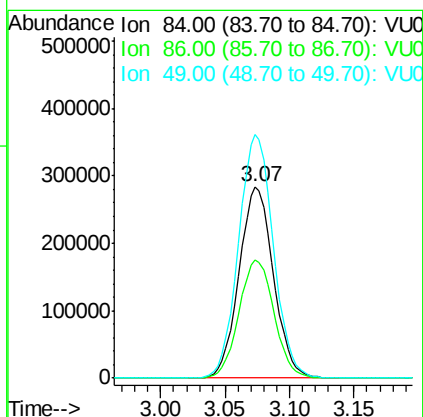
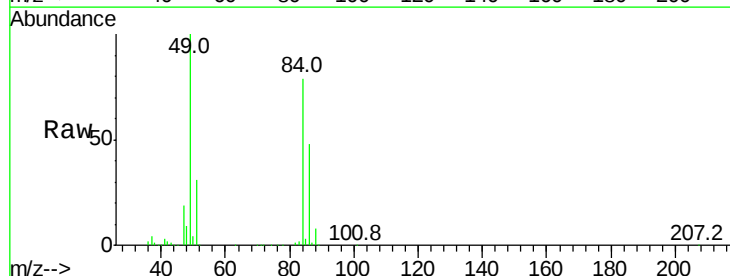
Instrument :
MSVOA_U
ClientSampleId :
VSTD10031

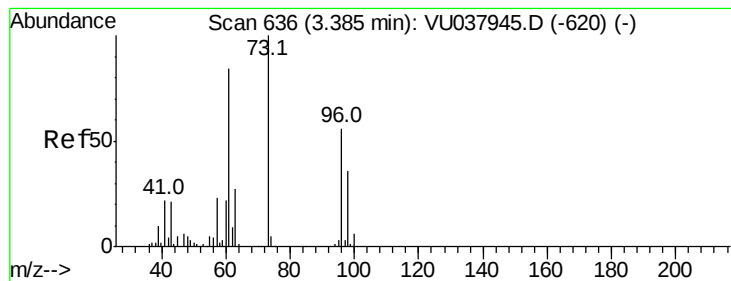
Tgt Ion: 43 Resp: 651478
Ion Ratio Lower Upper
43 100
74 23.0 18.6 27.8



#16
Methylene chloride
Concen: 102.082 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU037946.D
Acq: 30 Apr 2020 11:02

Tgt Ion: 84 Resp: 526190
Ion Ratio Lower Upper
84 100
86 61.5 45.1 83.9
49 127.3 91.2 169.4





#17

trans-1,2-Dichloroethene

Concen: 99.613 ug/L

RT: 3.39 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD10031

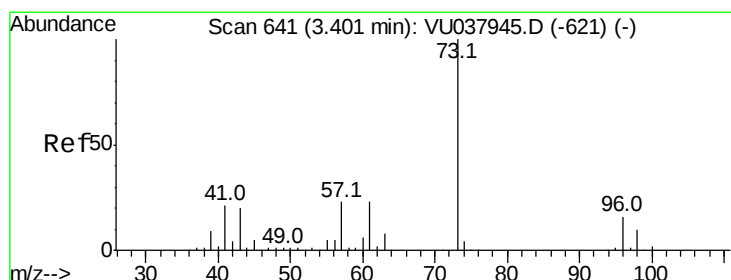
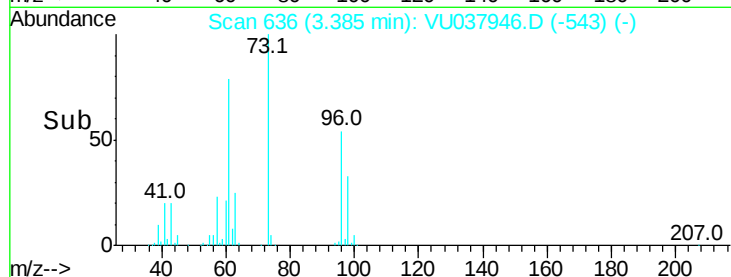
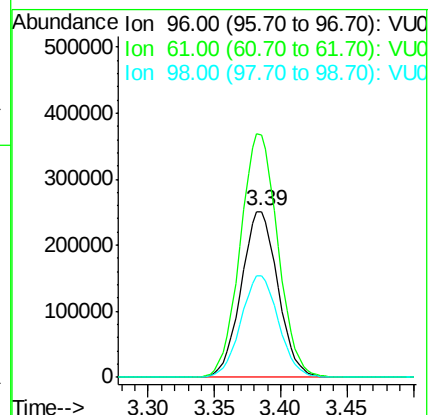
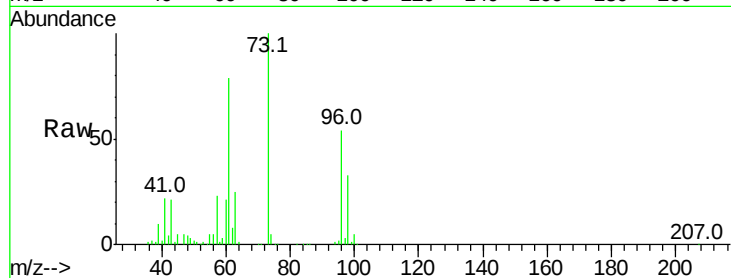
Tgt Ion: 96 Resp: 483159

Ion Ratio Lower Upper

96 100

61 146.6 104.9 194.9

98 61.6 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 97.797 ug/L

RT: 3.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

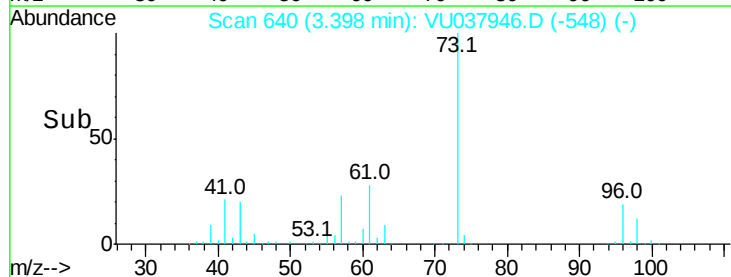
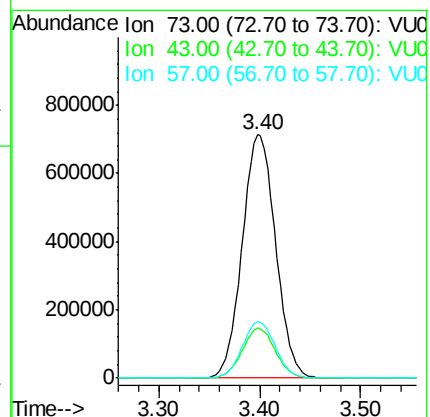
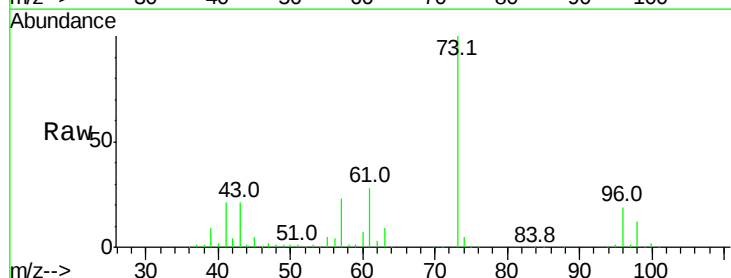
Tgt Ion: 73 Resp: 1633956

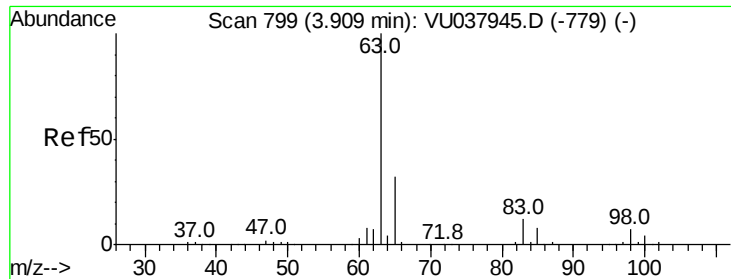
Ion Ratio Lower Upper

73 100

43 20.4 16.3 24.5

57 23.0 18.4 27.6

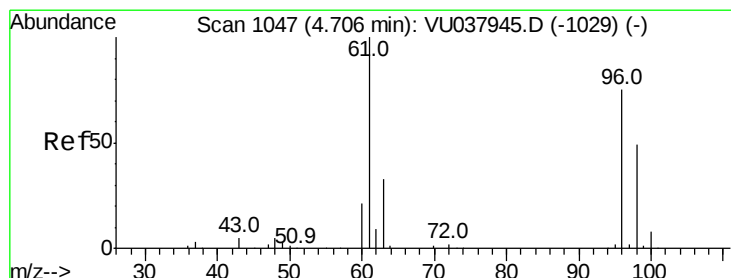
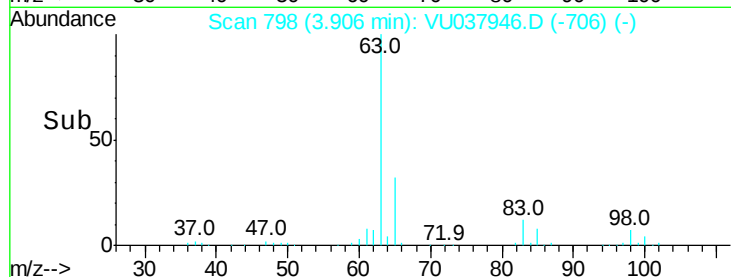
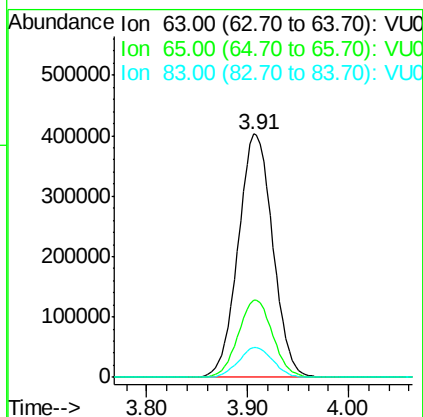
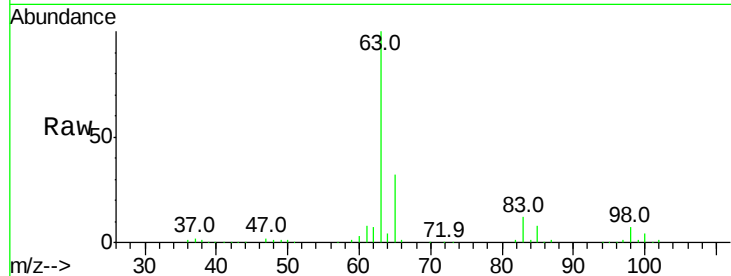




#19
 1,1-Dichloroethane
 Concen: 97.553 ug/L
 RT: 3.91 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: VU037946.D
 Acq: 30 Apr 2020 11:02

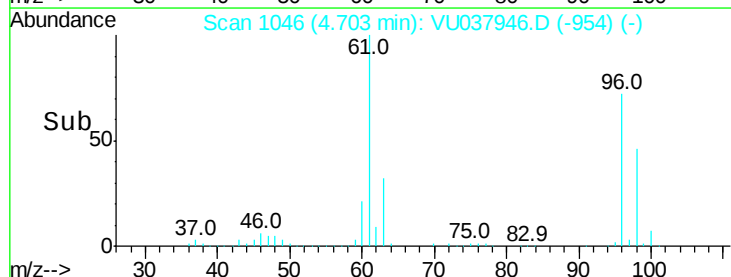
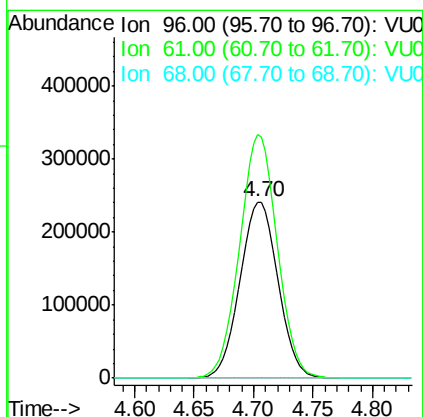
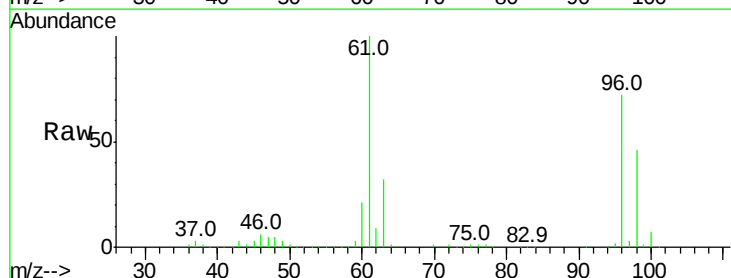
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10031

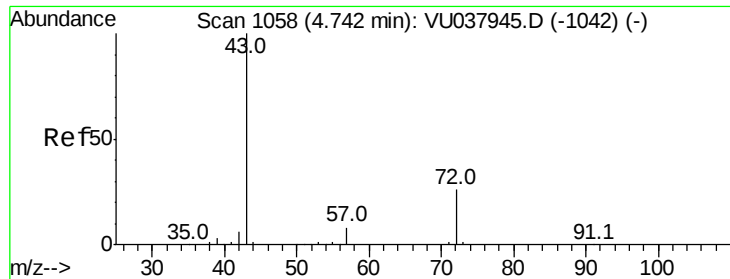
Tgt Ion: 63 Resp: 953792
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.5 41.7
 83 12.4 8.5 15.7



#20
 cis-1,2-Dichloroethene
 Concen: 100.683 ug/L
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU037946.D
 Acq: 30 Apr 2020 11:02

Tgt Ion: 96 Resp: 534692
 Ion Ratio Lower Upper
 96 100
 61 138.3 93.9 174.3
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 186.319 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

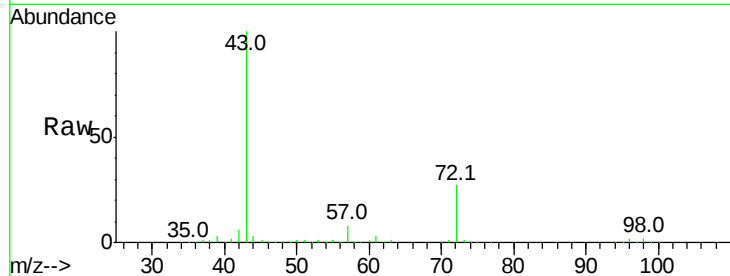
VSTD10031

Tgt Ion: 43 Resp: 962883

Ion Ratio Lower Upper

43 100

72 26.9 13.4 40.1



Abundance Ion 43.00 (42.70 to 43.70): VU037946.D (-1042) (-)

Ion 72.00 (71.70 to 72.70): VU037946.D (-1042) (-)

4.74

400000

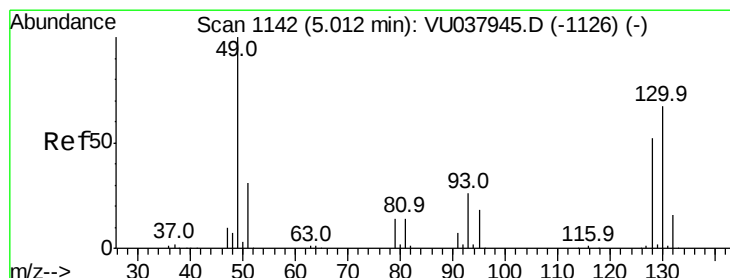
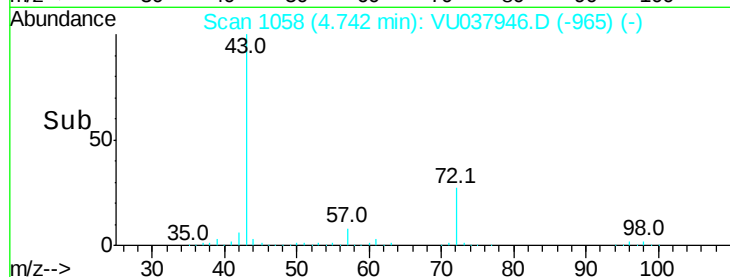
300000

200000

100000

0

Time-->



#23

Bromochloromethane

Concen: 99.860 ug/L

RT: 5.01 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

Tgt Ion: 128 Resp: 256256

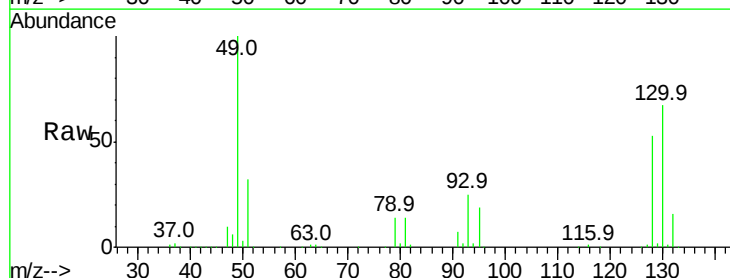
Ion Ratio Lower Upper

128 100

49 188.8 136.2 252.9

130 125.9 91.3 169.5

51 61.0 49.0 73.6



Abundance Ion 128.00 (127.70 to 128.70): VU037946.D (-1126) (-)

Ion 49.00 (48.70 to 49.70): VU037946.D (-1126) (-)

Ion 130.00 (129.70 to 130.70): VU037946.D (-1126) (-)

Ion 51.00 (50.70 to 51.70): VU037946.D (-1126) (-)

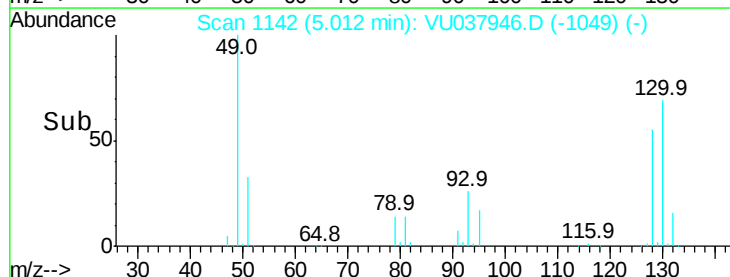
300000

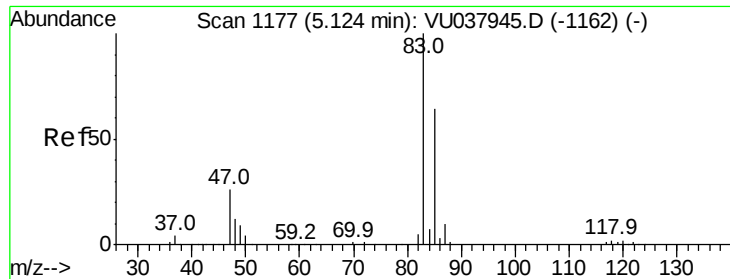
200000

100000

0

Time-->

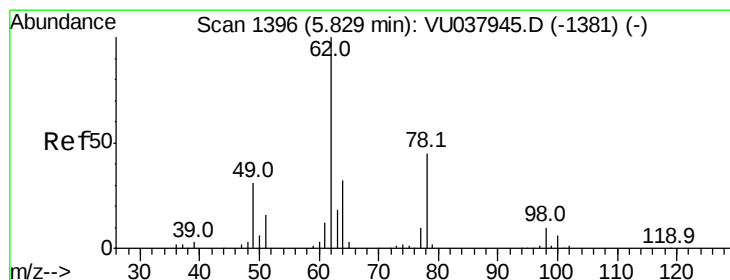
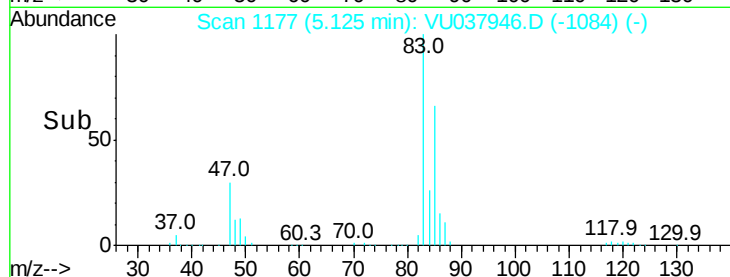
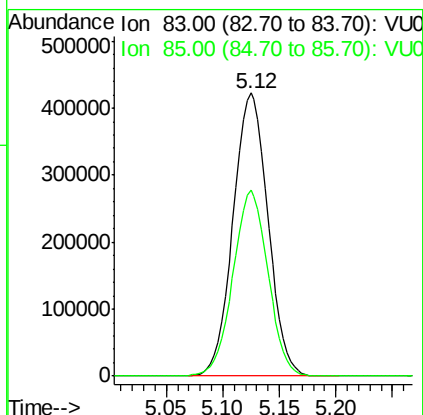
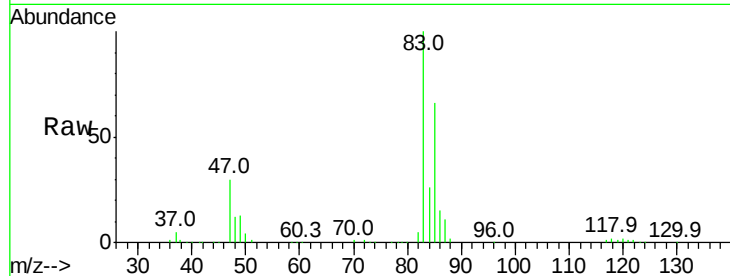




#25
Chloroform
Concen: 99.295 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU037946.D
Acq: 30 Apr 2020 11:02

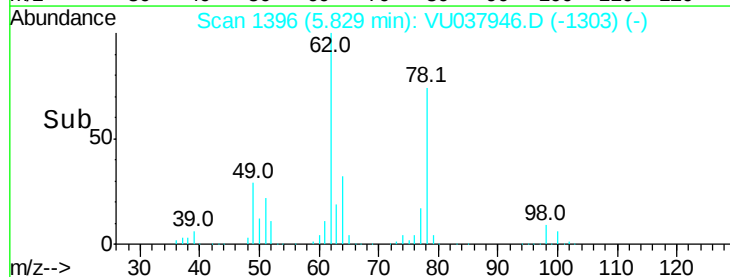
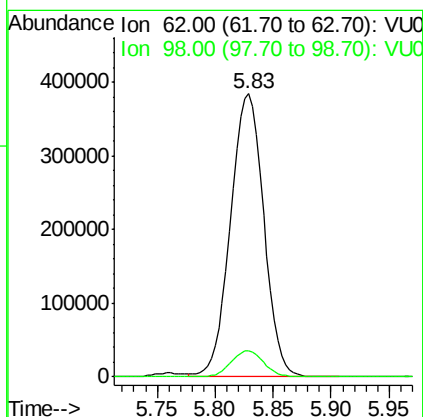
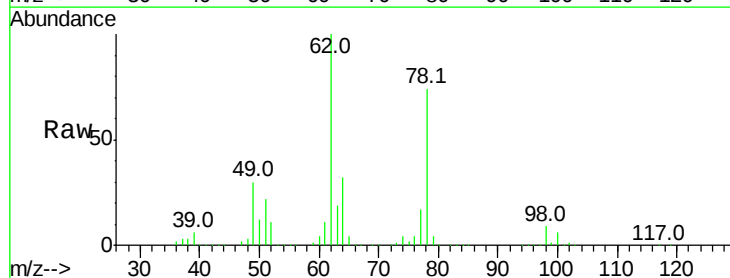
Instrument :
MSVOA_U
ClientSampleId :
VSTD10031

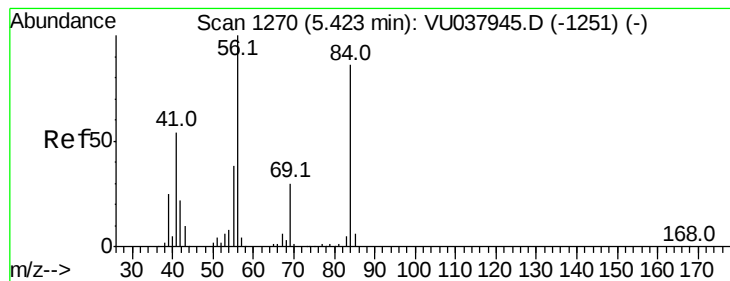
Tgt Ion: 83 Resp: 908389
Ion Ratio Lower Upper
83 100
85 65.8 45.0 83.6



#27
1,2-Dichloroethane
Concen: 97.527 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VU037946.D
Acq: 30 Apr 2020 11:02

Tgt Ion: 62 Resp: 764145
Ion Ratio Lower Upper
62 100
98 9.3 7.6 11.4





#29

Cyclohexane

Concen: 89.574 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD10031

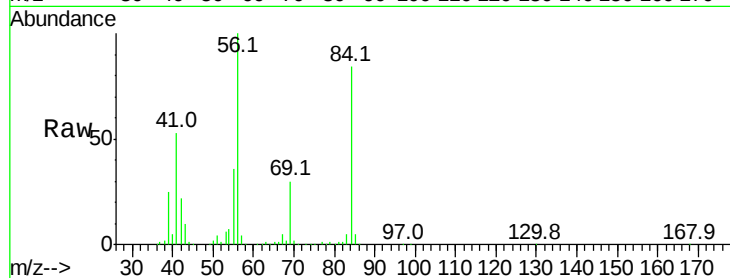
Tgt Ion: 56 Resp: 887797

Ion Ratio Lower Upper

56 100

69 30.3 23.8 35.8

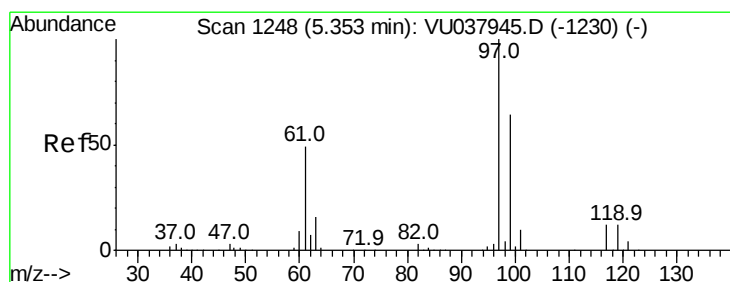
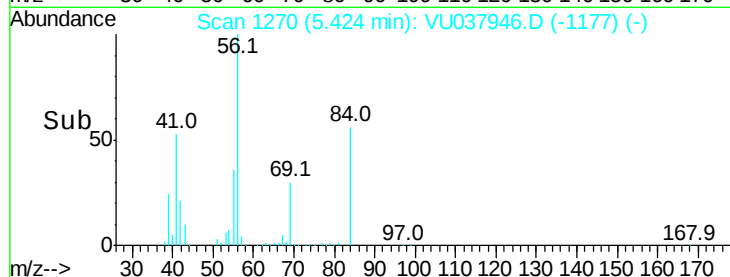
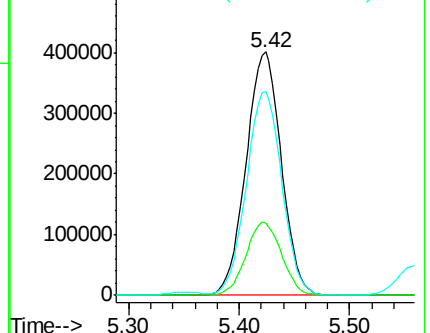
84 84.5 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VU037945.D (-1251) (-)

Ion 69.00 (68.70 to 69.70): VU037945.D (-1251) (-)

Ion 84.00 (83.70 to 84.70): VU037945.D (-1251) (-)



#30

1,1,1-Trichloroethane

Concen: 95.363 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

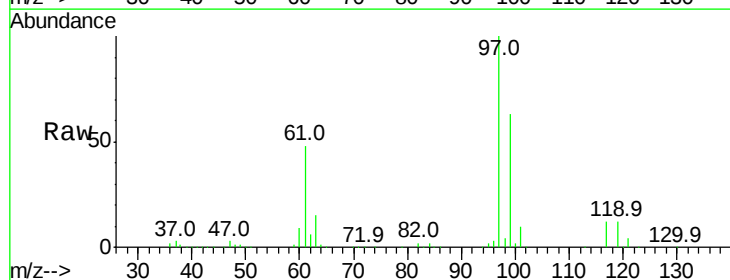
Tgt Ion: 97 Resp: 754510

Ion Ratio Lower Upper

97 100

99 63.7 50.5 75.7

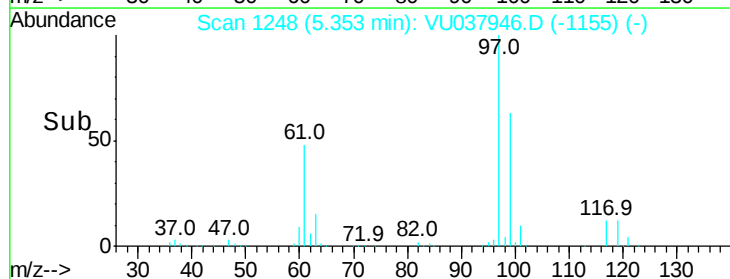
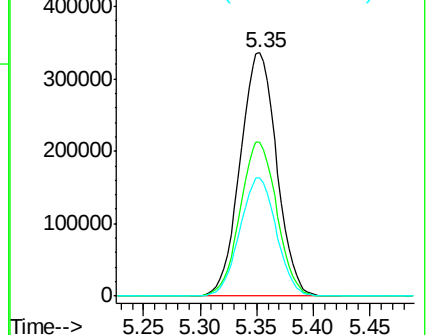
61 48.7 38.8 58.2

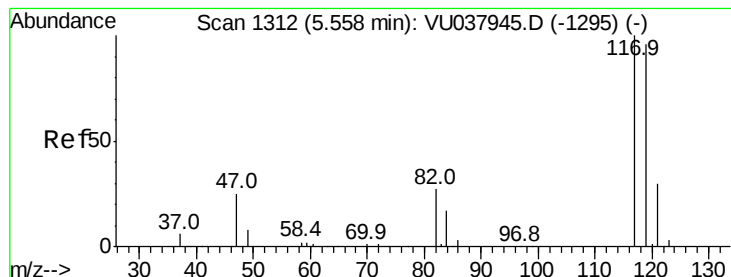


Abundance Ion 97.00 (96.70 to 97.70): VU037945.D (-1230) (-)

Ion 99.00 (98.70 to 99.70): VU037945.D (-1230) (-)

Ion 61.05 (60.75 to 61.75): VU037945.D (-1230) (-)





#31

Carbon tetrachloride

Concen: 94.428 ug/L

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

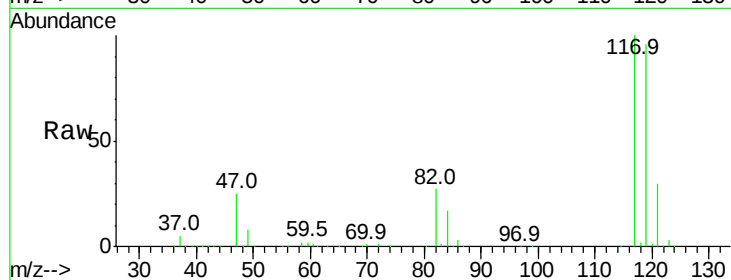
VSTD10031

Tgt Ion:117 Resp: 603966

Ion Ratio Lower Upper

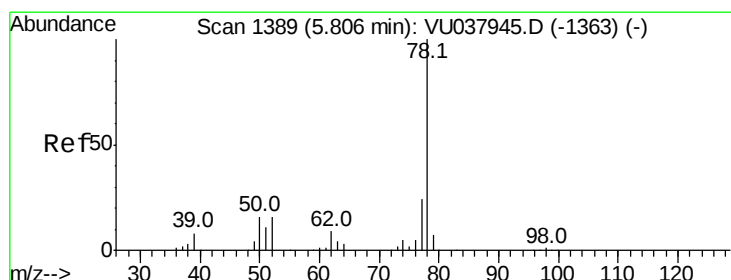
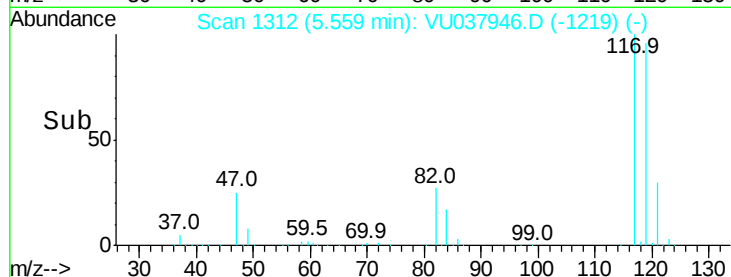
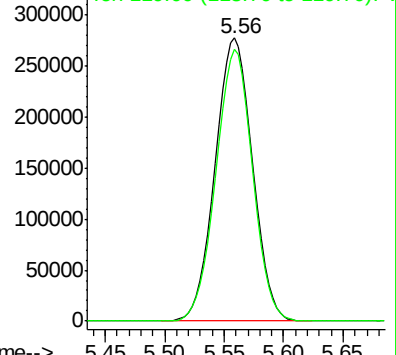
117 100

119 94.1 76.7 115.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 97.447 ug/L

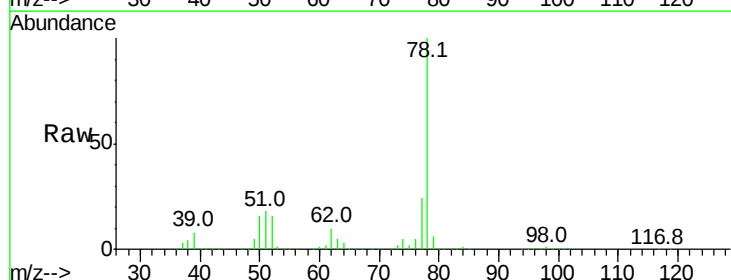
RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

Tgt Ion: 78 Resp: 2095416



Abundance Ion 78.00 (77.70 to 78.70): VU0

1200000

1000000

800000

600000

400000

200000

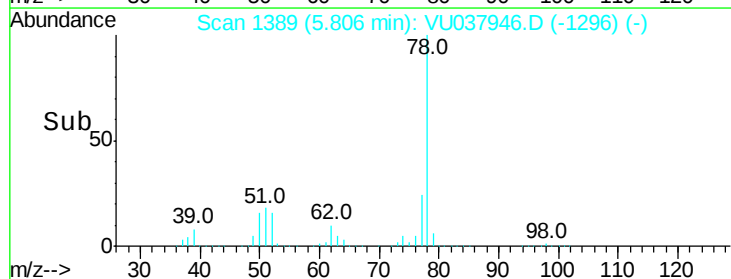
0

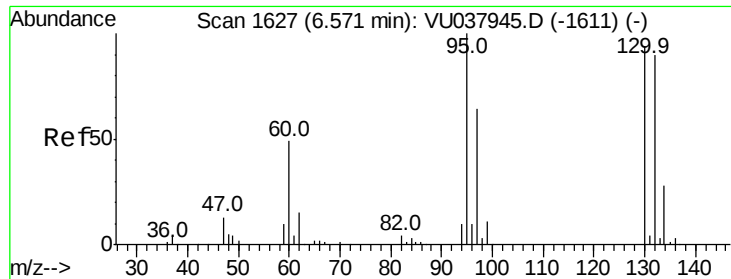
5.70

5.80

5.90

Time-->





#34

Trichloroethene

Concen: 95.505 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD10031

Tgt Ion: 95 Resp: 503743

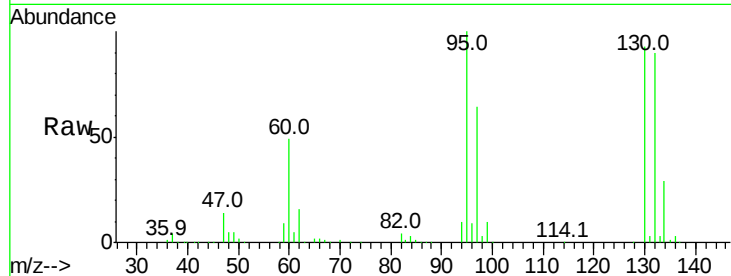
Ion Ratio Lower Upper

95 100

97 63.7 44.9 83.5

132 89.9 63.2 117.4

130 93.2 65.9 122.3

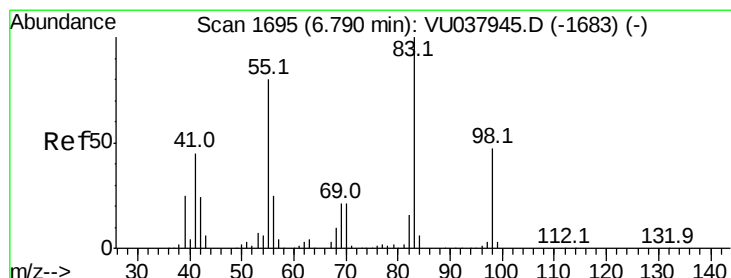
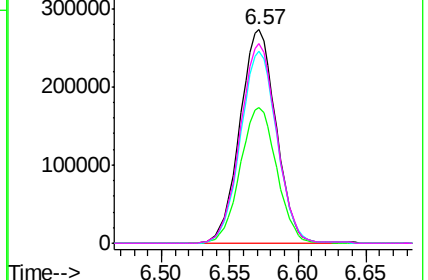
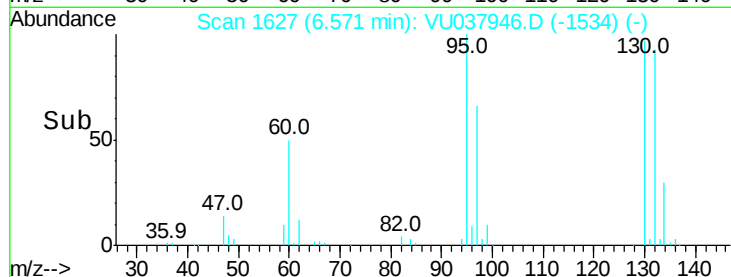


Abundance Ion 95.00 (94.70 to 95.70): VU037946.D (-1611) (-)

Ion 97.00 (96.70 to 97.70): VU037946.D (-1611) (-)

Ion 132.00 (131.70 to 132.70): VU037946.D (-1611) (-)

Ion 130.00 (129.70 to 130.70): VU037946.D (-1611) (-)



#35

Methylcyclohexane

Concen: 93.734 ug/L

RT: 6.79 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

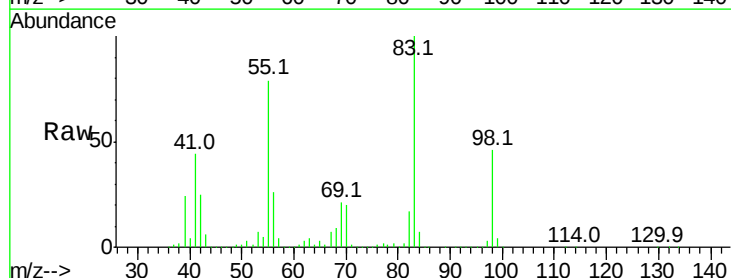
Tgt Ion: 83 Resp: 865717

Ion Ratio Lower Upper

83 100

55 79.1 64.2 96.4

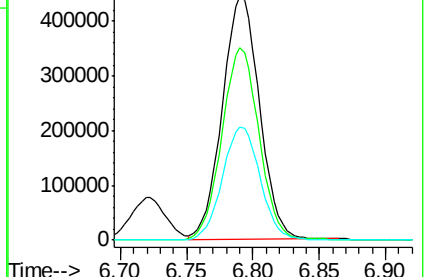
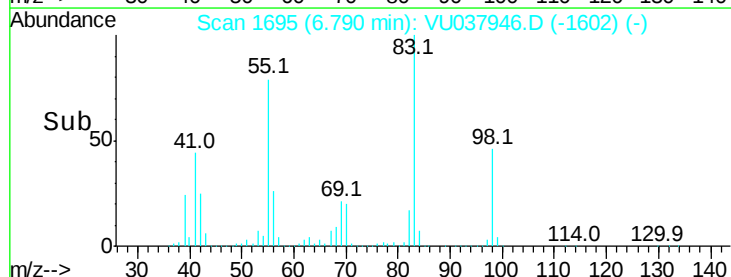
98 47.5 38.1 57.1

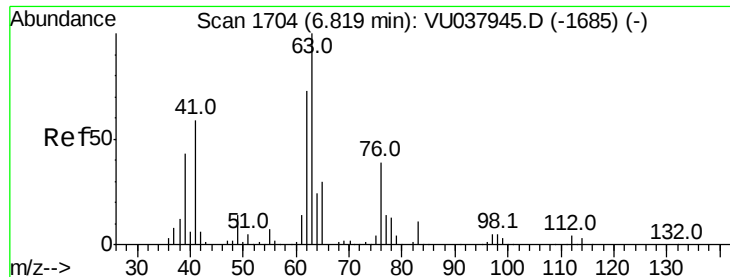


Abundance Ion 83.00 (82.70 to 83.70): VU037946.D (-1683) (-)

Ion 55.00 (54.70 to 55.70): VU037946.D (-1683) (-)

Ion 98.00 (97.70 to 98.70): VU037946.D (-1683) (-)

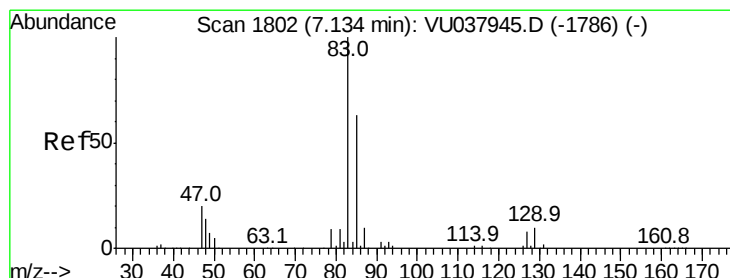
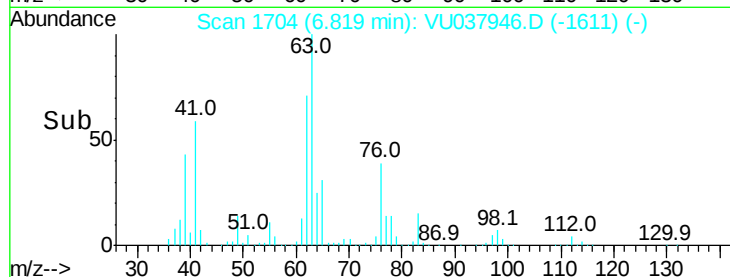
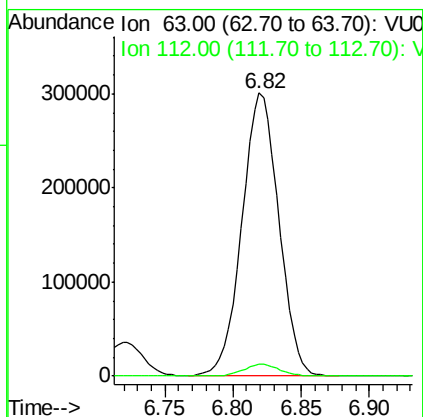
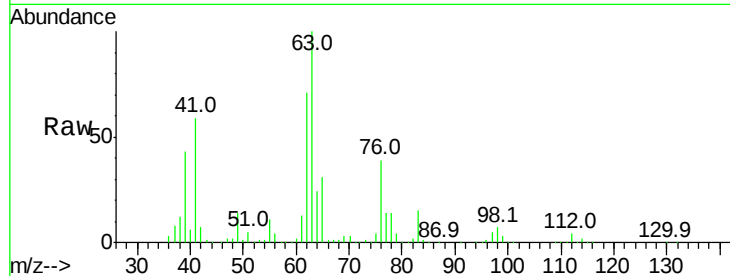




#37
 1,2-Dichloropropane
 Concen: 95.787 ug/L
 RT: 6.82 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: VU037946.D
 Acq: 30 Apr 2020 11:02

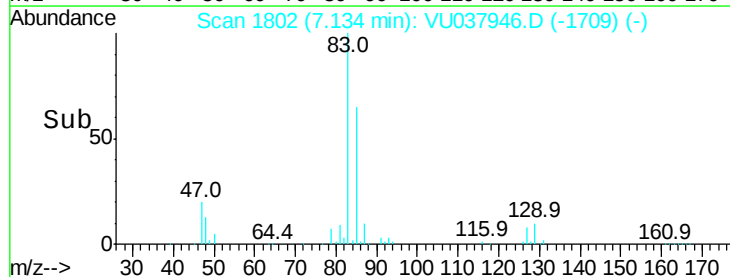
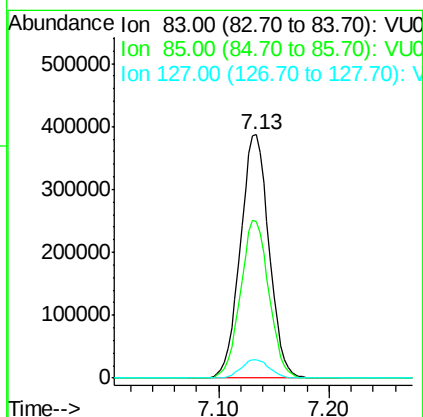
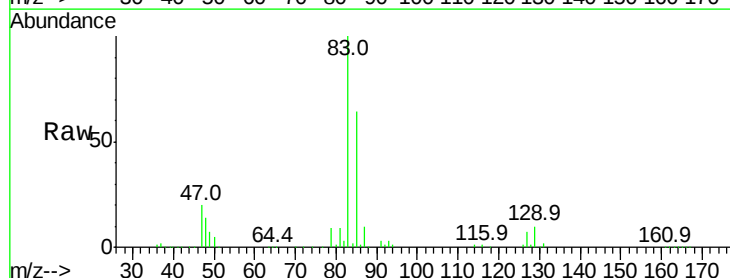
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10031

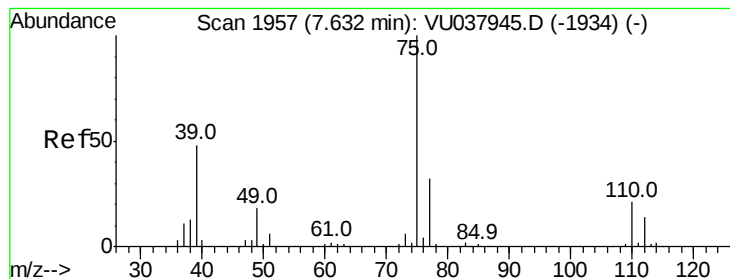
Tgt Ion: 63 Resp: 562563
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.1 4.7



#38
 Bromodichloromethane
 Concen: 97.471 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VU037946.D
 Acq: 30 Apr 2020 11:02

Tgt Ion: 83 Resp: 691626
 Ion Ratio Lower Upper
 83 100
 85 64.5 43.8 81.3
 127 7.5 6.1 9.1



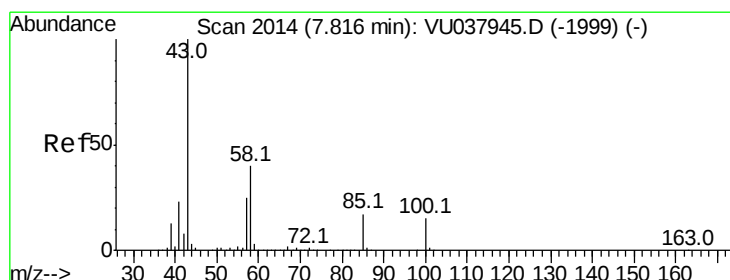
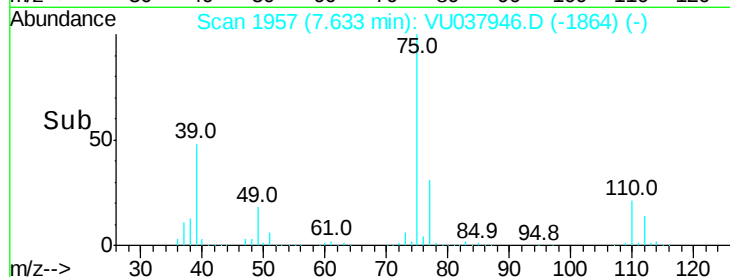
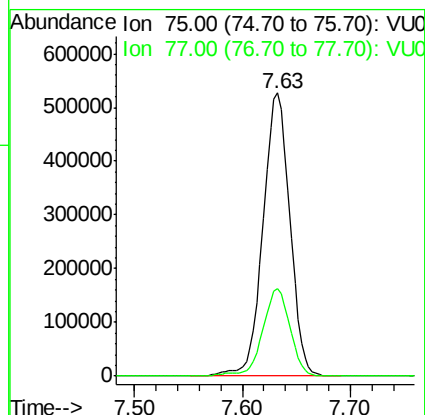
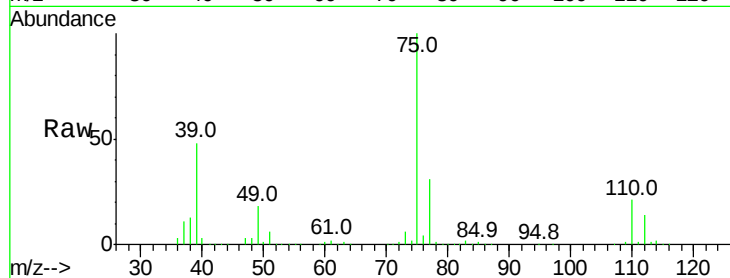


#39

cis-1,3-Dichloropropene
 Concen: 96.981 ug/L
 RT: 7.63 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU037946.D
 Acq: 30 Apr 2020 11:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10031

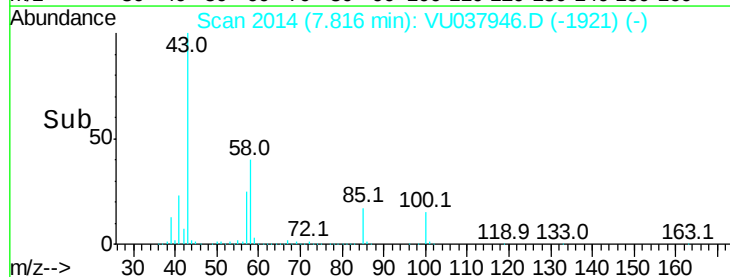
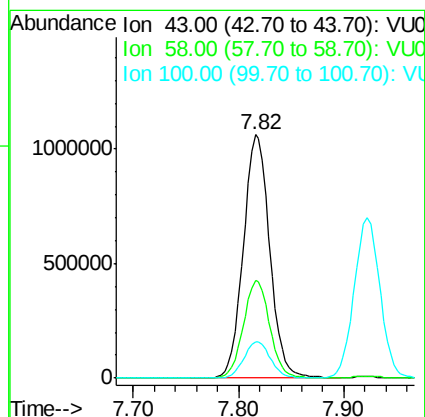
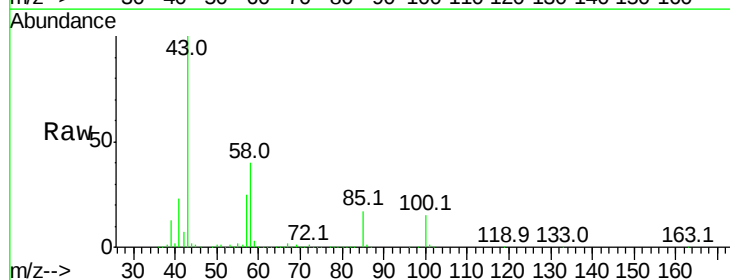
Tgt Ion: 75 Resp: 911932
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.6 42.0

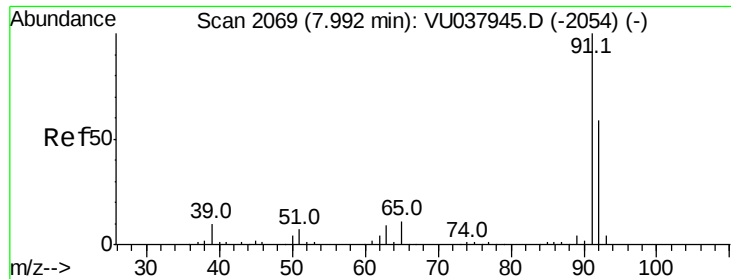


#40

4-Methyl-2-pentanone
 Concen: 180.563 ug/L
 RT: 7.82 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: VU037946.D
 Acq: 30 Apr 2020 11:02

Tgt Ion: 43 Resp: 1844227
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.8 47.8
 100 15.3 12.2 18.2





#42

Toluene

Concen: 97.771 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

Instrument :

MSVOA_U

ClientSampled :

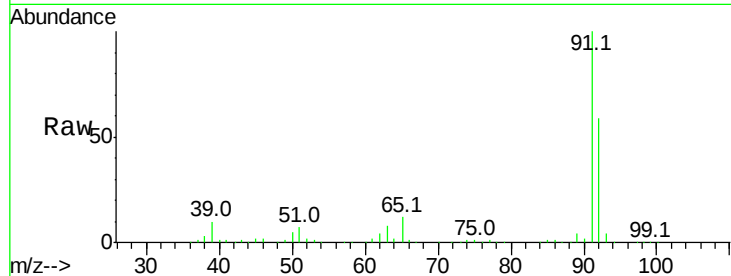
VSTD10031

Tgt Ion: 91 Resp: 2204259

Ion Ratio Lower Upper

91 100

92 59.2 41.5 77.1



Abundance Ion 91.00 (90.70 to 91.70): VU037946.D (-1976) (-)

Ion 92.00 (91.70 to 92.70): VU037946.D (-1976) (-)

7.99

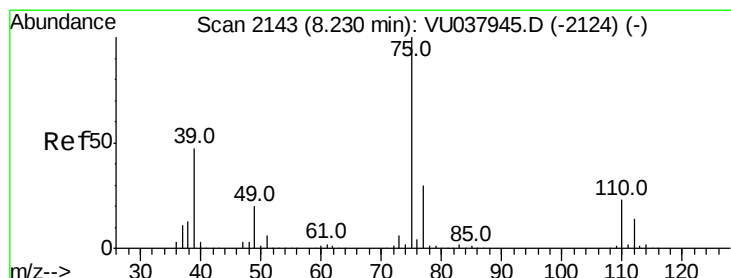
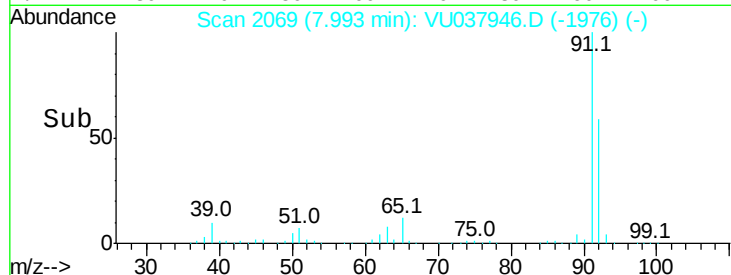
1500000

1000000

500000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 93.501 ug/L

RT: 8.23 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VU037946.D

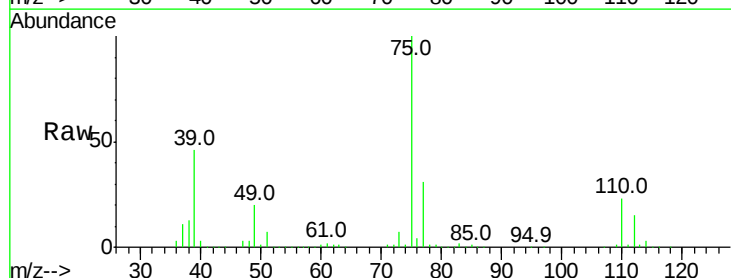
Acq: 30 Apr 2020 11:02

Tgt Ion: 75 Resp: 848668

Ion Ratio Lower Upper

75 100

77 31.1 21.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU037946.D (-2050) (-)

Ion 77.00 (76.70 to 77.70): VU037946.D (-2050) (-)

8.23

600000

500000

400000

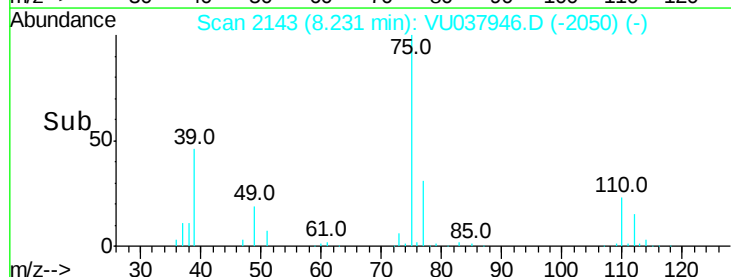
300000

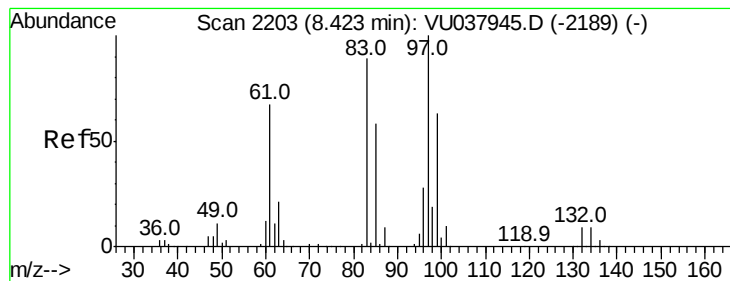
200000

100000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 99.613 ug/L

RT: 8.42 min Scan# 2203

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD10031

Tgt Ion: 97 Resp: 510357

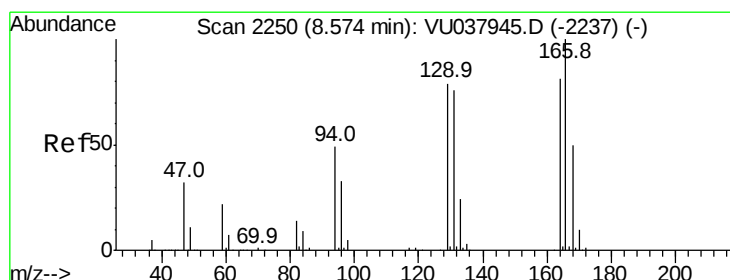
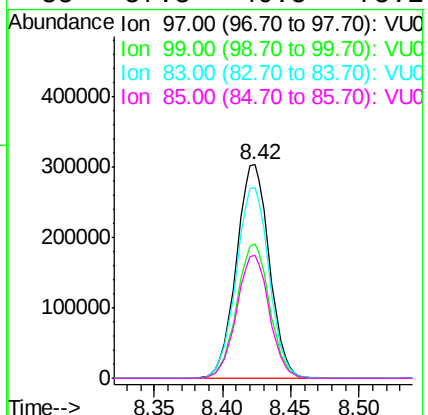
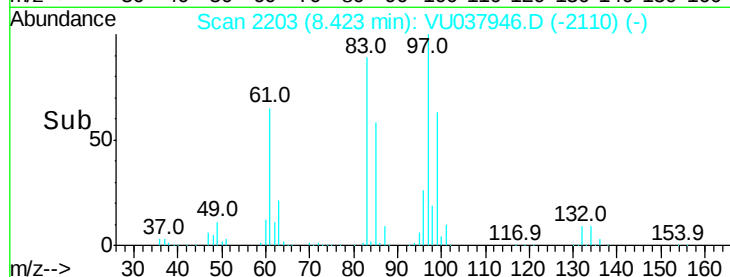
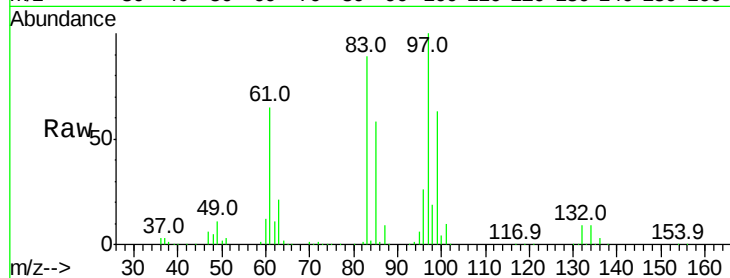
Ion Ratio Lower Upper

97 100

99 63.1 44.4 82.4

83 89.3 61.9 115.1

85 57.8 40.5 75.1



#46

Tetrachloroethene

Concen: 90.203 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU037946.D

Acq: 30 Apr 2020 11:02

Tgt Ion: 164 Resp: 347756

Ion Ratio Lower Upper

164 100

129 97.8 68.4 127.0

131 93.4 65.7 122.1

166 127.7 86.7 161.1

