

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040350.D
 Acq On : 29 Sep 2020 10:31
 Operator : SY/MD
 Sample : VSTD01001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

Quant Time: Sep 30 01:13:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:04:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	140702	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	139363	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	75797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	69948	9.37	ug/L	0.00
7) Chloroethane-d5	1.92	69	61545	9.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	172825	9.16	ug/L	0.00
20) 2-Butanone-d5	4.65	46	368175	118.76	ug/L	0.00
24) Chloroform-d	5.08	84	173200	9.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	101570	9.43	ug/L	0.00
32) Benzene-d6	5.74	84	299547	9.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	104997	9.96	ug/L	0.00
41) Toluene-d8	7.91	98	267421	9.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	45357	9.57	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	289420	124.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	101955	10.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	117332	9.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	146408	10.578	ug/L 100
3) Chloromethane	1.53	50	137848	10.310	ug/L 100
5) Vinyl chloride	1.61	62	140078	10.397	ug/L 99
6) Bromomethane	1.87	94	70726	10.366	ug/L 99
8) Chloroethane	1.94	64	80423	9.935	ug/L 100
9) Trichlorofluoromethane	2.15	101	189365	9.955	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	121305	9.806	ug/L 99
12) 1,1-Dichloroethene	2.59	96	110153	10.259	ug/L 99
13) Acetone	2.66	43	298604	108.111	ug/L 97
14) Carbon disulfide	2.81	76	345037	10.007	ug/L 99
15) Methyl Acetate	2.97	43	69061	9.751	ug/L 100
16) Methylene chloride	3.06	84	124432	8.841	ug/L 94
17) Methyl tert-butyl Ether	3.38	73	311035	9.782	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	115611	9.991	ug/L 98
19) 1,1-Dichloroethane	3.89	63	233298	9.850	ug/L 98
21) 2-Butanone	4.73	43	489498	107.207	ug/L 99
22) cis-1,2-Dichloroethene	4.69	96	128225	10.258	ug/L 99
23) Bromochloromethane	4.99	128	58816	10.744	ug/L 97
25) Chloroform	5.11	83	235899	9.724	ug/L 100
27) 1,2-Dichloroethane	5.81	62	163692	9.366	ug/L 97
29) 1,1,1-Trichloroethane	5.33	97	198833	9.379	ug/L 98
30) Cyclohexane	5.41	56	217401	10.468	ug/L 99
31) Carbon tetrachloride	5.54	117	171222	9.392	ug/L 100
33) Benzene	5.79	78	493585	10.051	ug/L 100
34) Trichloroethene	6.56	95	127806	9.776	ug/L 97
35) Methylcyclohexane	6.77	83	204265	10.224	ug/L 98
37) 1,2-Dichloropropane	6.80	63	135144	10.231	ug/L 100
38) Bromodichloromethane	7.11	83	168134	9.367	ug/L 99
39) cis-1,3-Dichloropropene	7.62	75	197112	10.269	ug/L 95
40) 4-Methyl-2-pentanone	7.80	43	1142043	105.598	ug/L 99

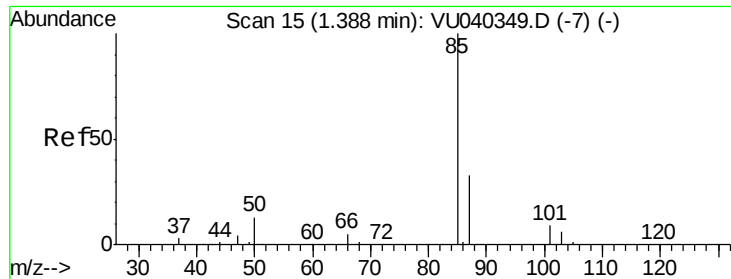
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040350.D
 Acq On : 29 Sep 2020 10:31
 Operator : SY/MD
 Sample : VSTD01001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

Quant Time: Sep 30 01:13:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:04:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	520569	10.310	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	180253	10.107	ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	95727	9.989	ug/L	97
47) Tetrachloroethene	8.56	164	94265	10.808	ug/L	95
48) 2-Hexanone	8.69	43	845472	107.561	ug/L	99
49) Dibromochloromethane	8.82	129	114809	9.976	ug/L	97
50) 1,2-Dibromoethane	8.93	107	92391	9.936	ug/L	95
51) Chlorobenzene	9.45	112	325937	10.310	ug/L	99
52) Ethylbenzene	9.57	91	582963	10.260	ug/L	99
53) m,p-Xylene	9.69	106	220683	10.814	ug/L	98
54) o-Xylene	10.10	106	210965	10.873	ug/L	94
55) Styrene	10.11	104	370384	10.927	ug/L	99
56) Isopropylbenzene	10.48	105	568079	10.770	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	127863	10.211	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	97659	9.998	ug/L	99
61) Bromoform	10.29	173	64311	9.507	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	269063	9.879	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	270739	9.854	ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	257991	9.809	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	22810	8.493	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	192337	10.086	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	167150	10.334	ug/L	98
69) Naphthalene	14.08	128	319746	9.879	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	153258	10.284	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 10.578 ug/L

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

Instrument :

MSVOA_U

ClientSampleId :

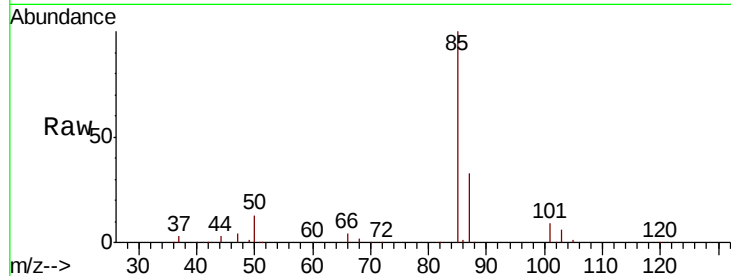
VSTD01001

Tot Ion: 85 Resp: 146408

Ion Ratio Lower Upper

85 100

87 32.3 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VU040349.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU040349.D (-7) (-)

1.39

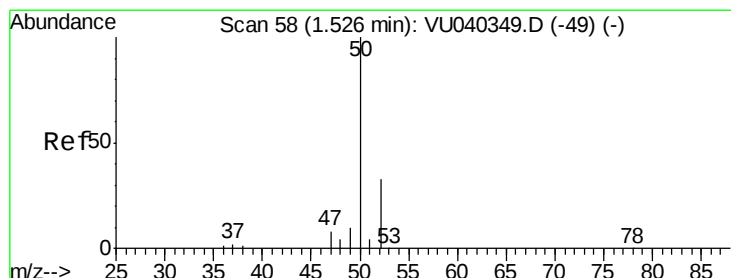
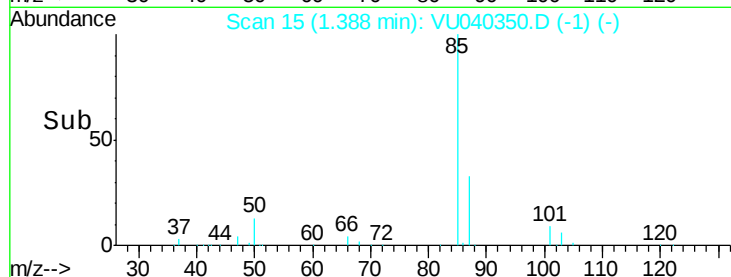
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 10.310 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040350.D

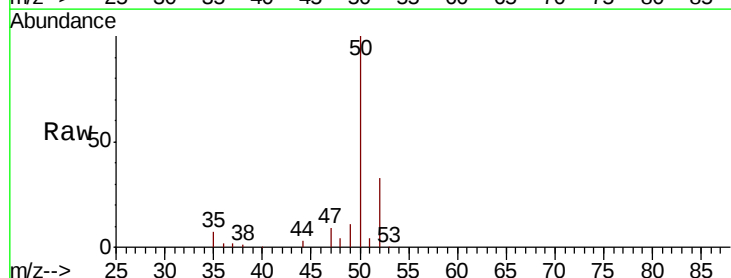
Acq: 29 Sep 2020 10:31

Tgt Ion: 50 Resp: 137848

Ion Ratio Lower Upper

50 100

52 33.0 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU040349.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU040349.D (-49) (-)

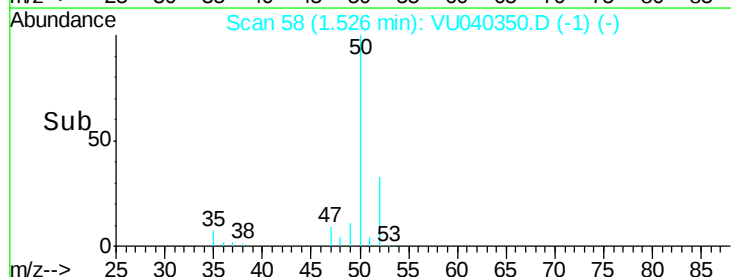
1.53

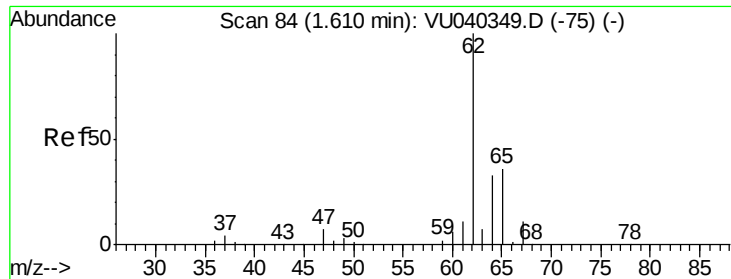
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 10.397 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

Instrument :

MSVOA_U

ClientSampled :

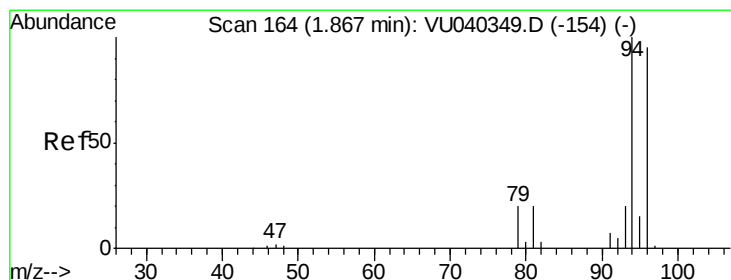
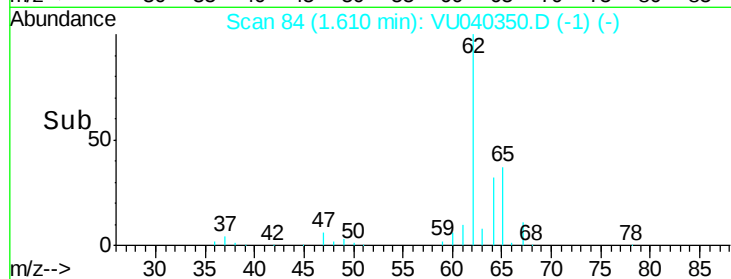
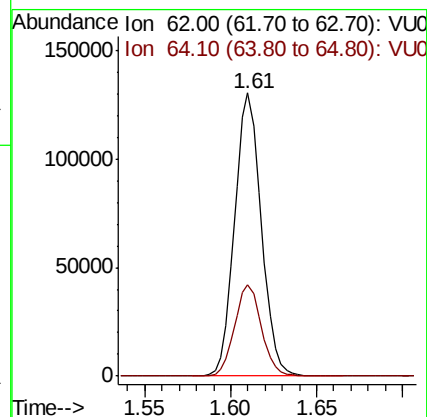
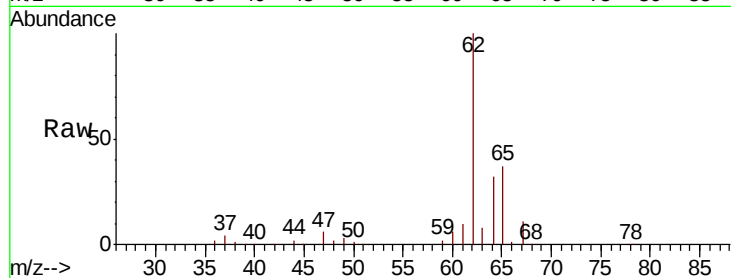
VSTD01001

Tot Ion: 62 Resp: 140078

Ion Ratio Lower Upper

62 100

64 32.4 23.0 42.8



#6

Bromomethane

Concen: 10.366 ug/L

RT: 1.87 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU040350.D

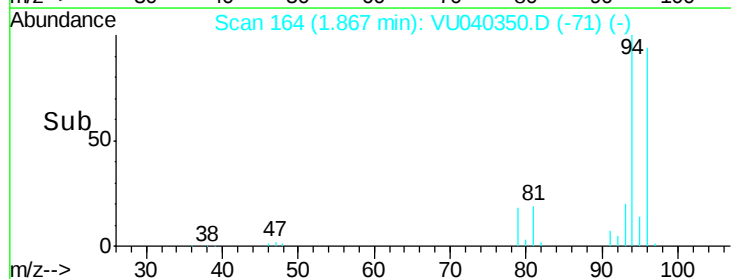
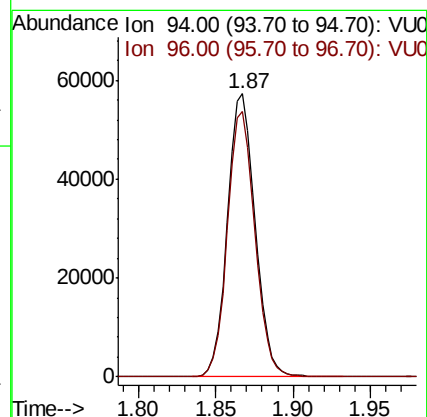
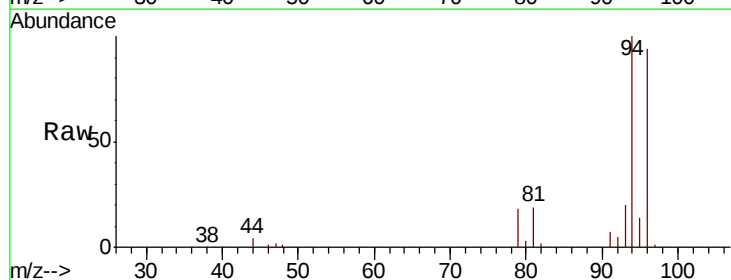
Acq: 29 Sep 2020 10:31

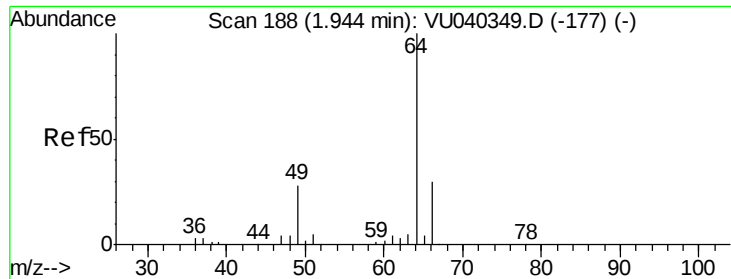
Tgt Ion: 94 Resp: 70726

Ion Ratio Lower Upper

94 100

96 93.6 66.3 123.1

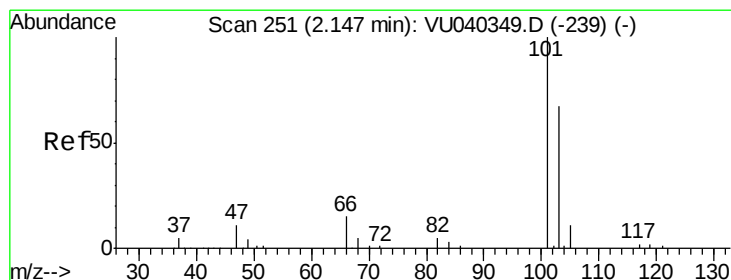
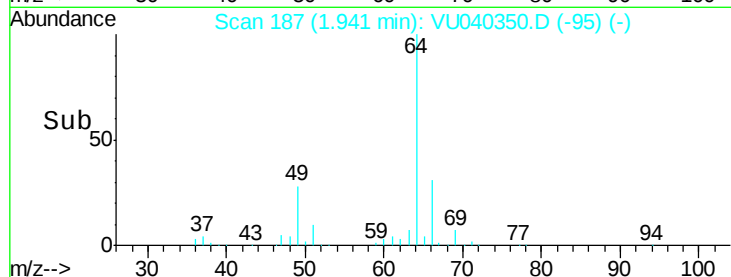
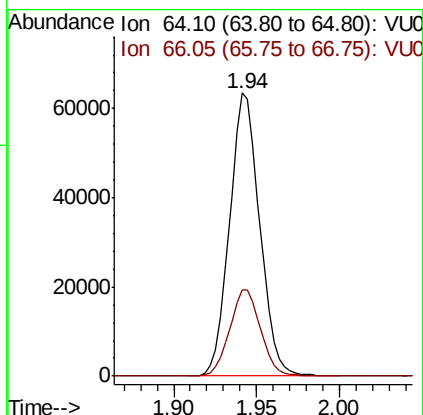
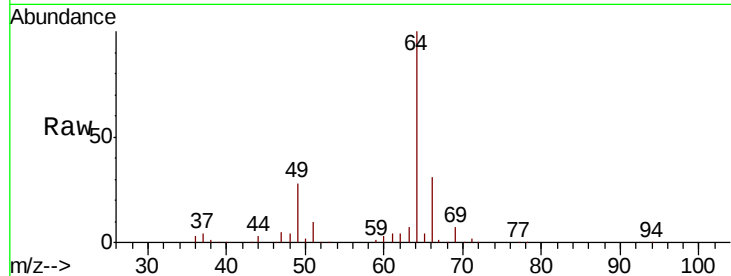




#8
Chloroethane
Concen: 9.935 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

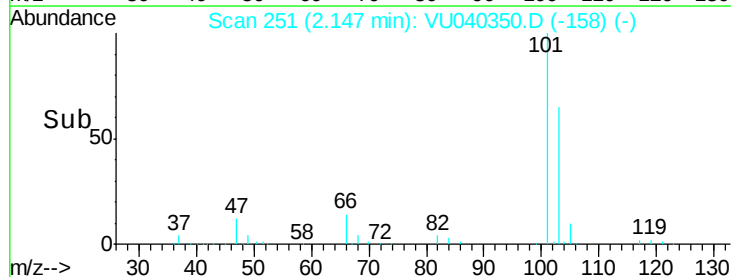
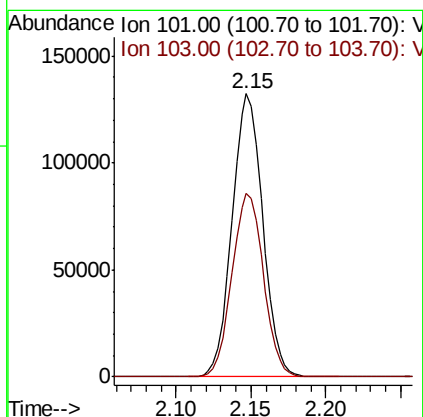
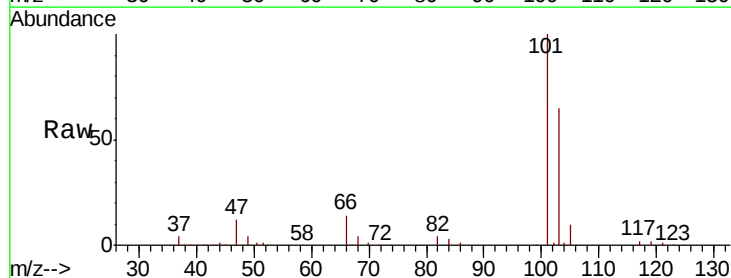
Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

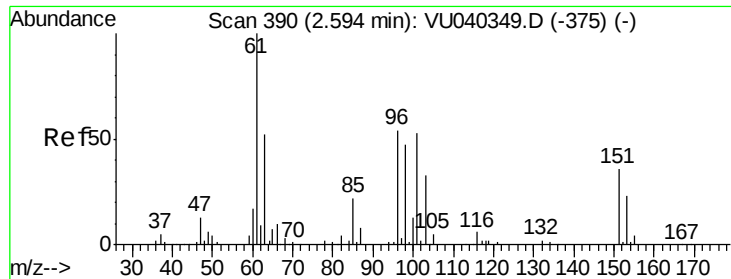
Tot Ion: 64 Resp: 80423
Ion Ratio Lower Upper
64 100
66 30.5 21.3 39.6



#9
Trichlorofluoromethane
Concen: 9.955 ug/L
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

Tgt Ion:101 Resp: 189365
Ion Ratio Lower Upper
101 100
103 66.3 52.6 79.0





#10

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

Concen: 9.806 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD01001

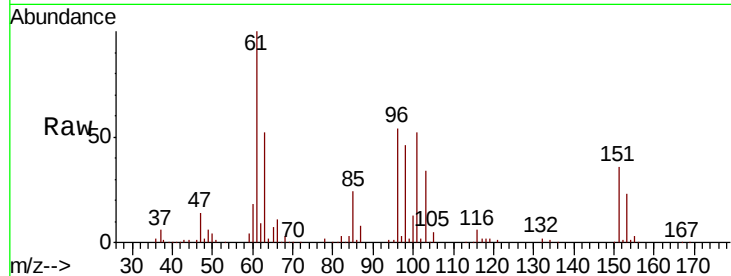
Tot Ion:101 Resp: 121305

Ion Ratio Lower Upper

101 100

85 45.6 35.0 52.6

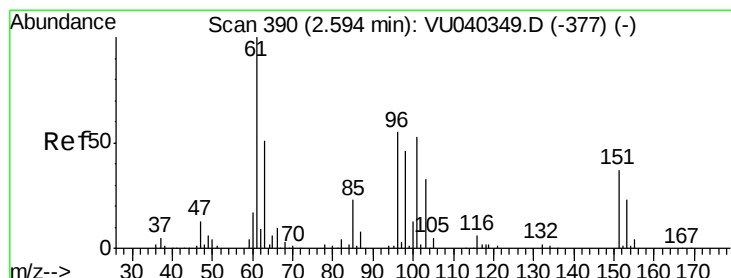
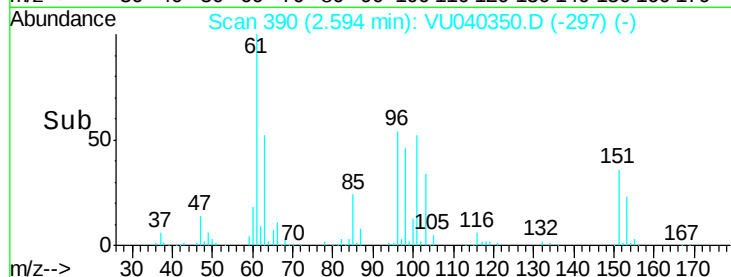
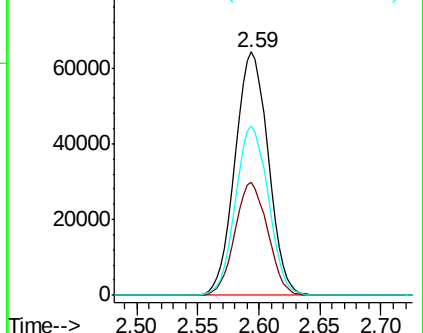
151 68.9 55.4 83.2



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: 10.259 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

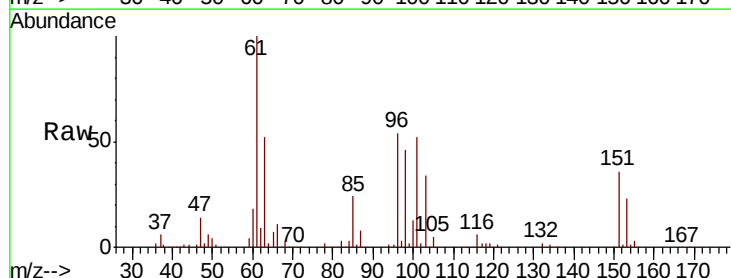
Tgt Ion: 96 Resp: 110153

Ion Ratio Lower Upper

96 100

61 185.4 128.6 238.8

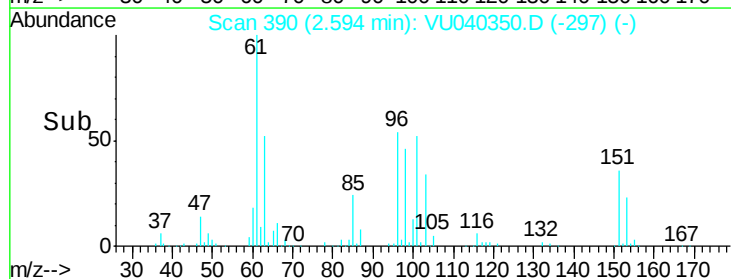
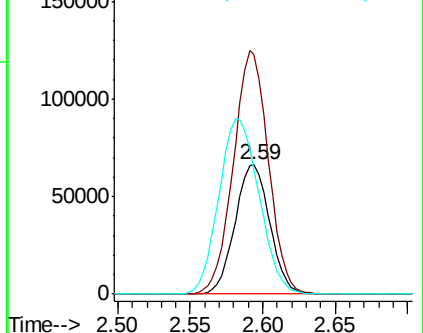
63 95.9 67.8 126.0

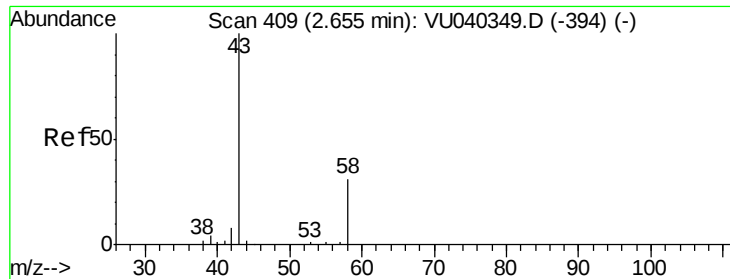


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 108.111 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

Instrument :

MSVOA_U

ClientSampled :

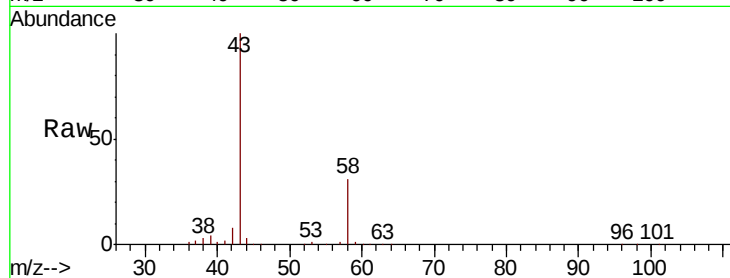
VSTD01001

Tot Ion: 43 Resp: 298604

Ion Ratio Lower Upper

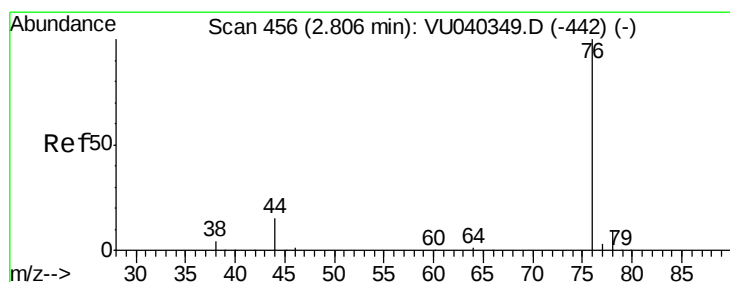
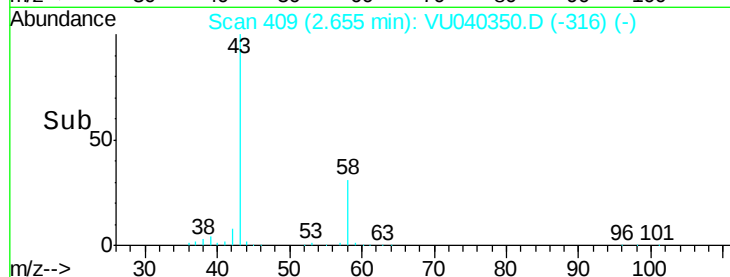
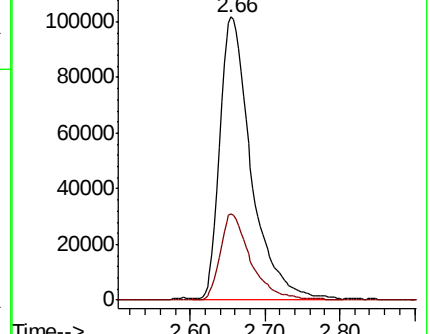
43 100

58 29.1 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040350.D (-316) (-)

Ion 58.05 (57.75 to 58.75): VU040350.D (-316) (-)



#14

Carbon disulfide

Concen: 10.007 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040350.D

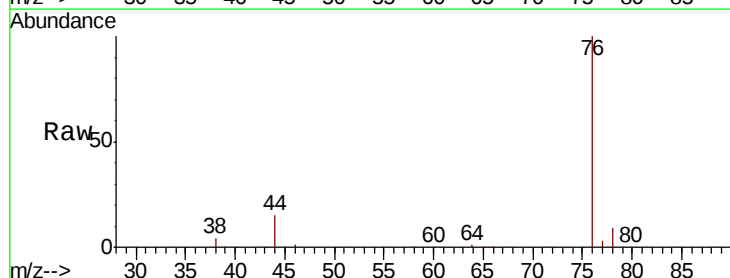
Acq: 29 Sep 2020 10:31

Tgt Ion: 76 Resp: 345037

Ion Ratio Lower Upper

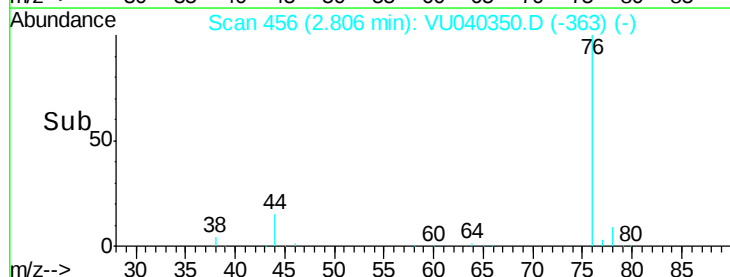
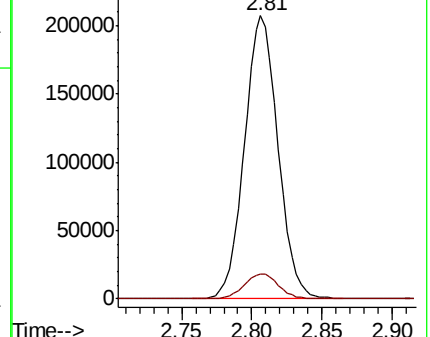
76 100

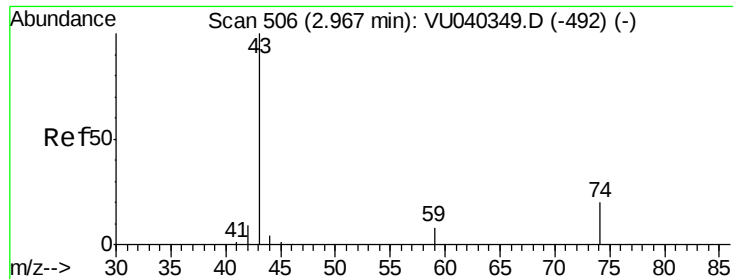
78 8.8 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU040350.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040350.D (-363) (-)

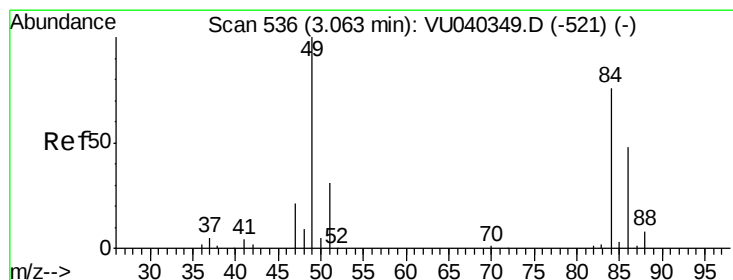
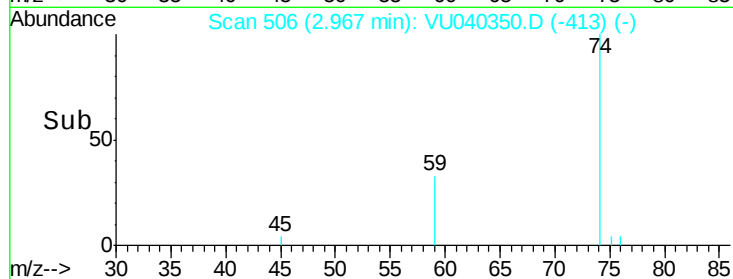
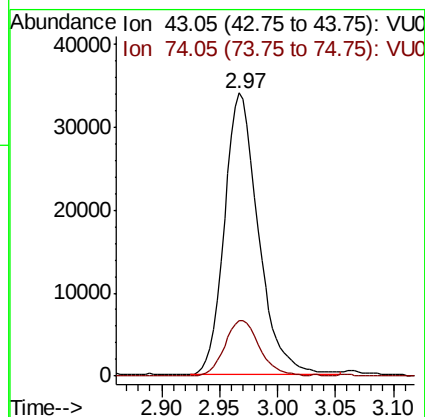
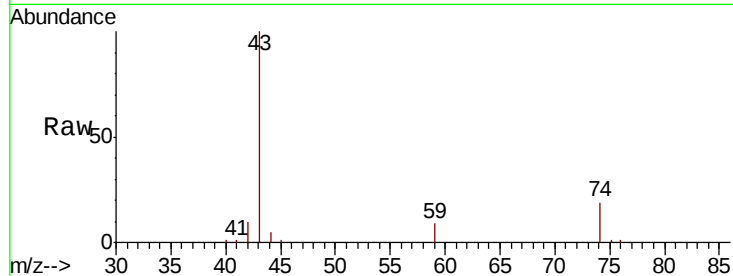




#15
Methvl Acetate
Concen: 9.751 ug/L
RT: 2.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

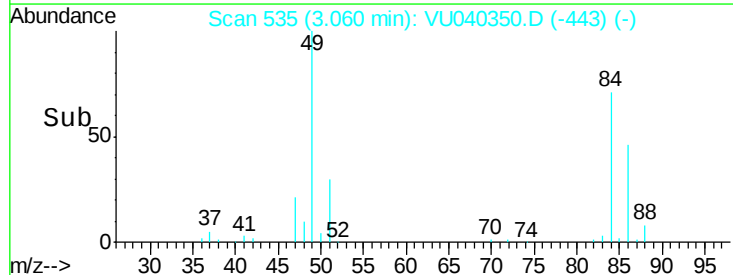
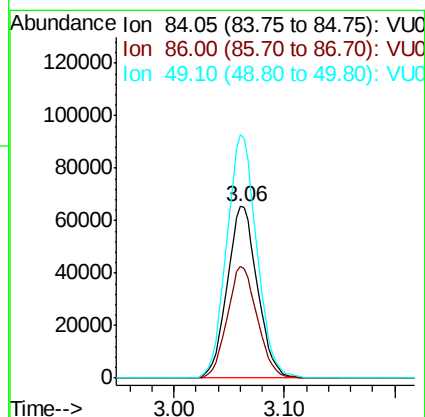
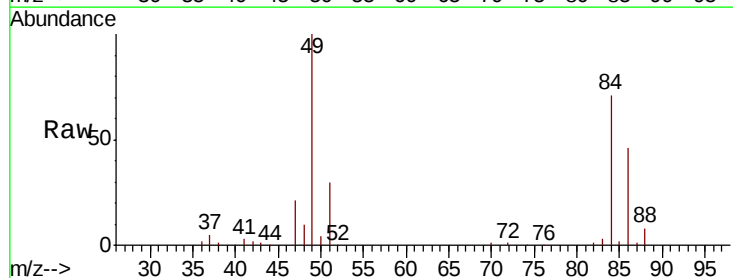
Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

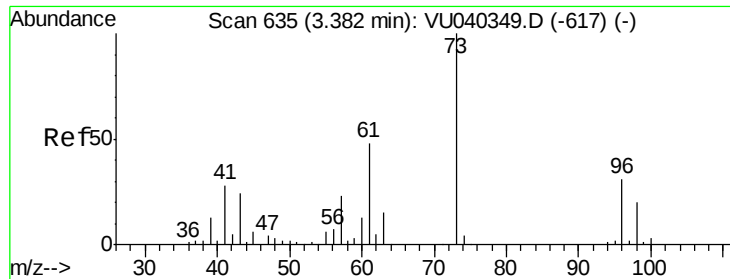
Tot Ion: 43 Resp: 69061
Ion Ratio Lower Upper
43 100
74 20.2 16.3 24.5



#16
Methylene chloride
Concen: 8.841 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

Tgt Ion: 84 Resp: 124432
Ion Ratio Lower Upper
84 100
86 65.0 44.4 82.5
49 141.7 92.2 171.2

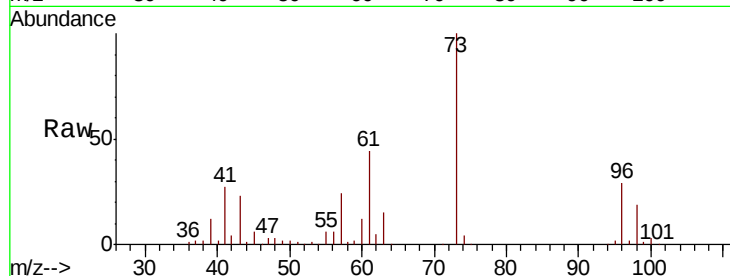




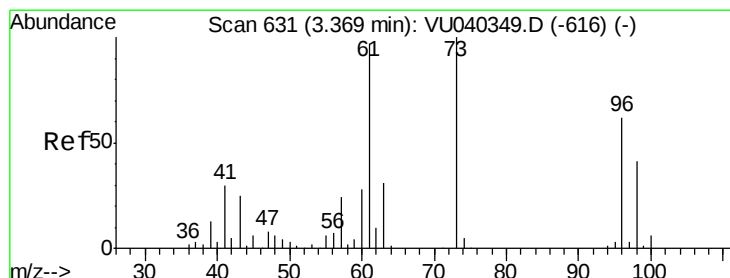
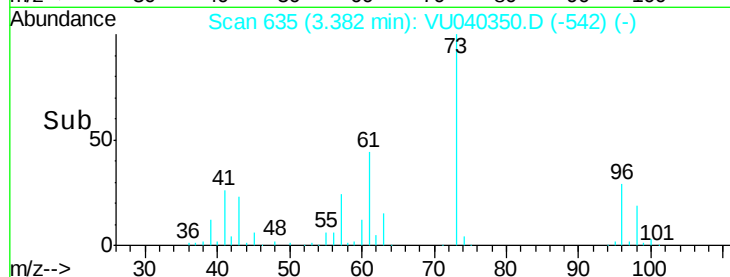
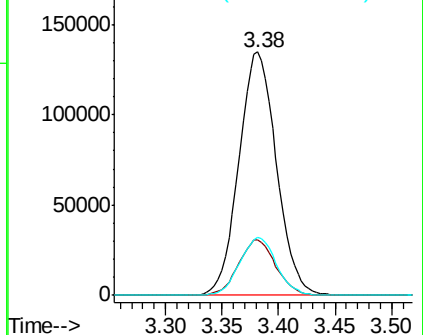
#17
Methvl tert-butvl Ether
Concen: 9.782 ug/L
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

Tot Ion: 73 Resp: 311035
Ion Ratio Lower Upper
73 100
43 22.9 19.0 28.4
57 23.4 18.9 28.3

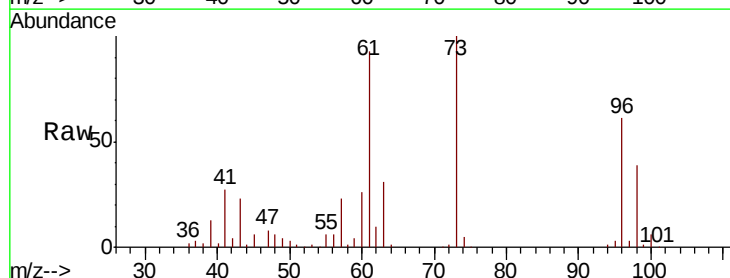


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

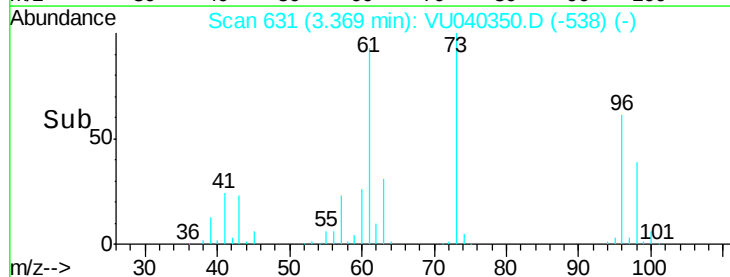
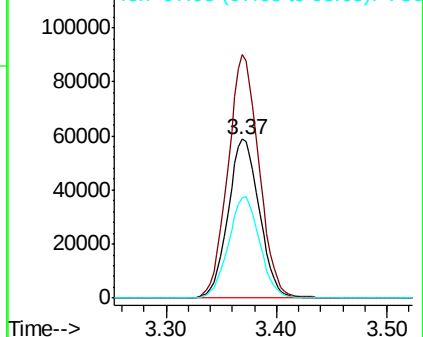


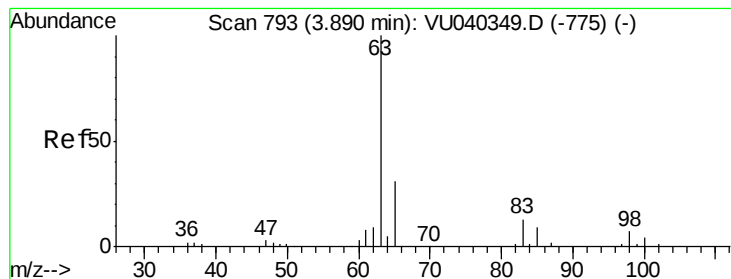
#18
trans-1,2-Dichloroethene
Concen: 9.991 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

Tgt Ion: 96 Resp: 115611
Ion Ratio Lower Upper
96 100
61 153.2 109.3 203.1
98 63.5 45.8 85.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0





#19

1,1-Dichloroethane

Concen: 9.850 ug/L

RT: 3.89 min Scan# 793

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD01001

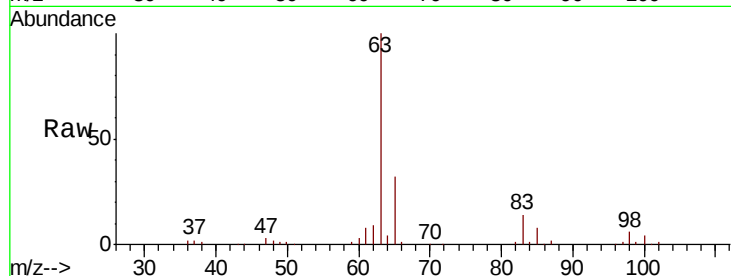
Tot Ion: 63 Resp: 233298

Ion Ratio Lower Upper

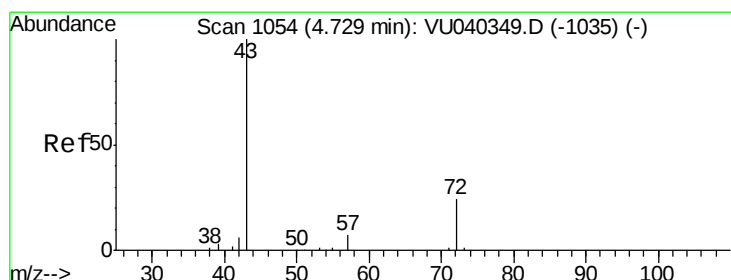
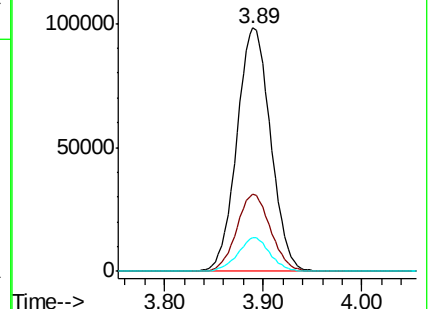
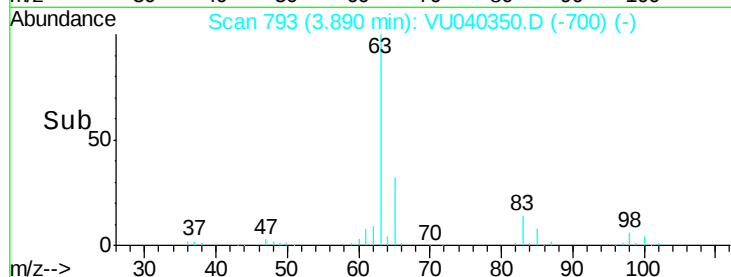
63 100

65 31.6 21.7 40.3

83 14.1 9.1 16.9



Abundance Ion 63.10 (62.80 to 63.80): VU040350.D (-700) (-)



#21

2-Butanone

Concen: 107.207 ug/L

RT: 4.73 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VU040350.D

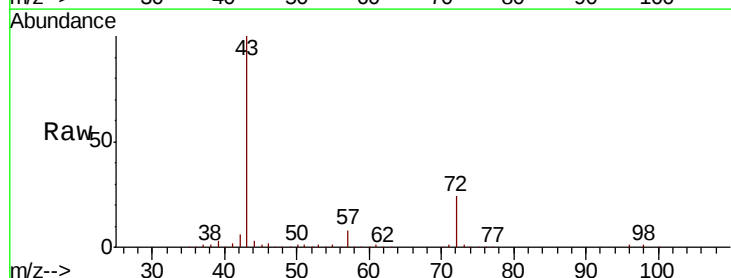
Acq: 29 Sep 2020 10:31

Tgt Ion: 43 Resp: 489498

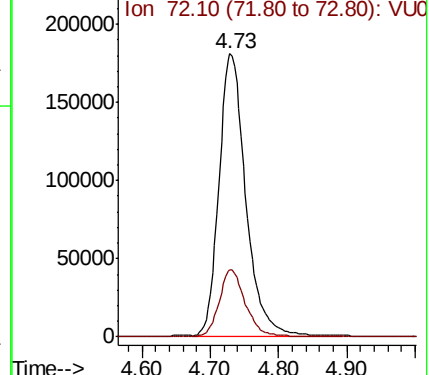
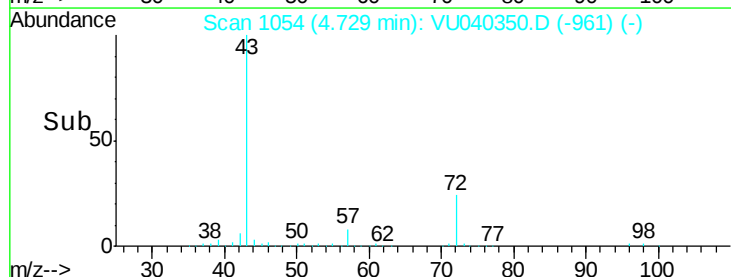
Ion Ratio Lower Upper

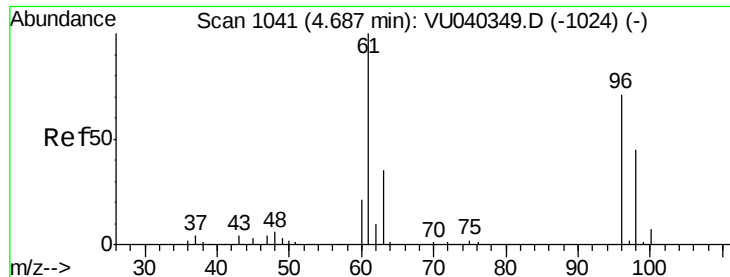
43 100

72 23.7 12.0 36.1



Abundance Ion 43.05 (42.75 to 43.75): VU040350.D (-961) (-)

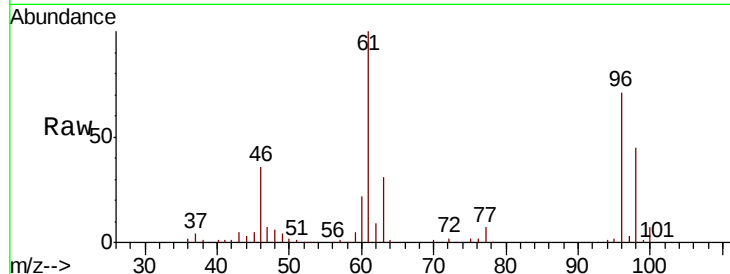




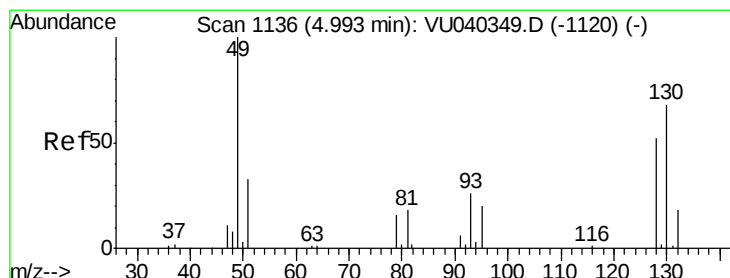
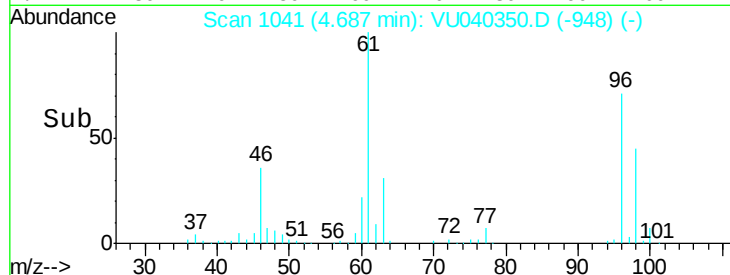
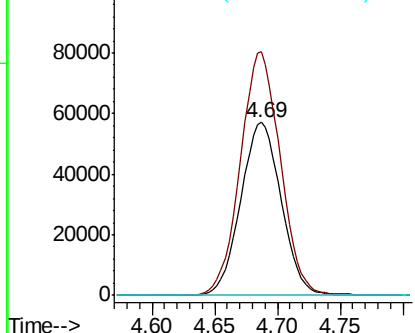
#22
 cis-1,2-Dichloroethene
 Concen: 10.258 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040350.D
 Acq: 29 Sep 2020 10:31

Instrument :
 MSVOA_U
 ClientSampled :
 VSTD01001

Tot Ion: 96 Resp: 128225
 Ion Ratio Lower Upper
 96 100
 61 140.8 99.3 184.5
 68 0.0 0.0 0.0



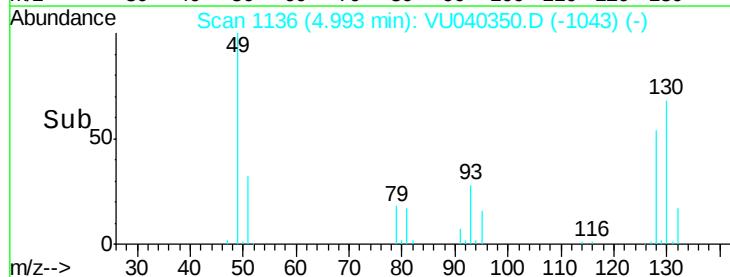
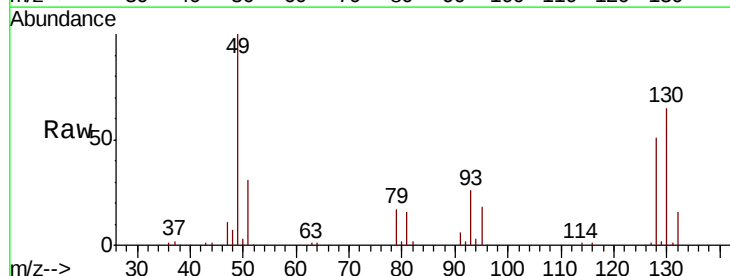
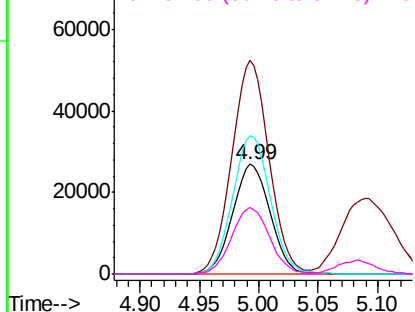
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

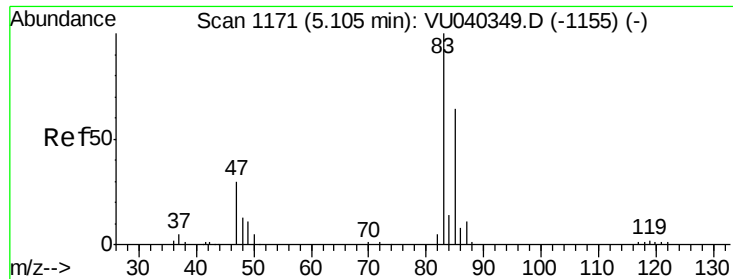


#23
 Bromochloromethane
 Concen: 10.744 ug/L
 RT: 4.99 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VU040350.D
 Acq: 29 Sep 2020 10:31

Tgt Ion: 128 Resp: 58816
 Ion Ratio Lower Upper
 128 100
 49 194.5 134.6 250.0
 130 125.8 91.1 169.1
 51 60.5 50.6 75.8

Abundance Ion 127.90 (127.60 to 128.60): V
 Ion 49.10 (48.80 to 49.80): VU0
 Ion 129.95 (129.65 to 130.65): V
 Ion 51.05 (50.75 to 51.75): VU0

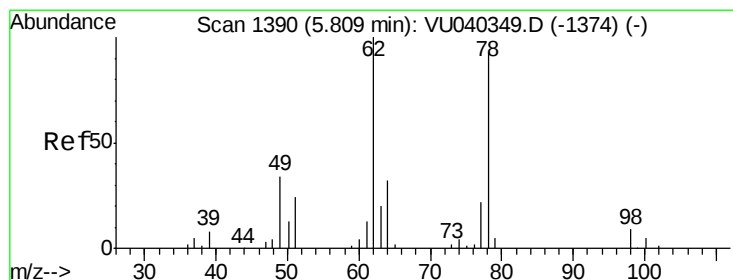
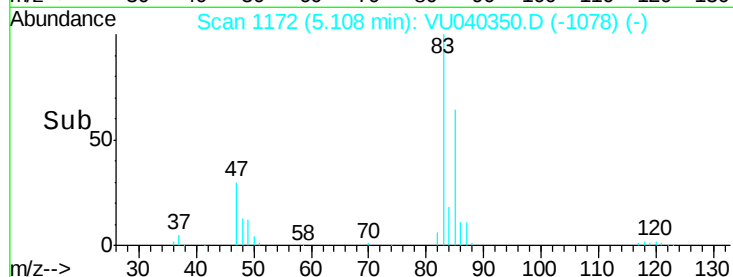
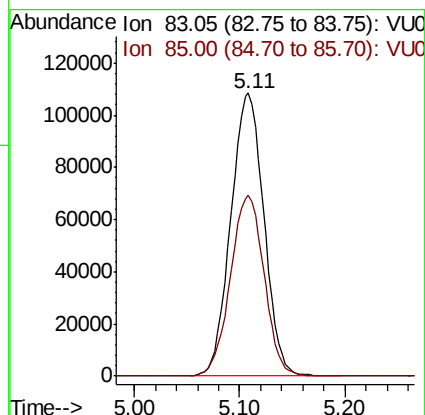
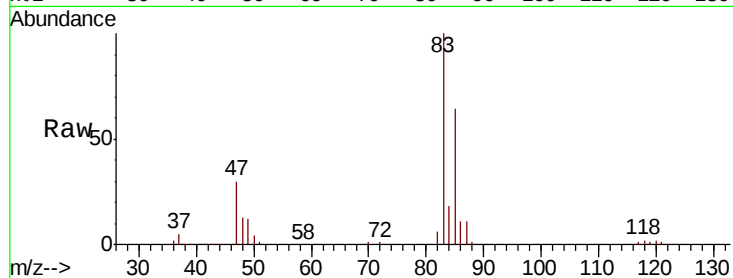




#25
Chloroform
Concen: 9.724 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

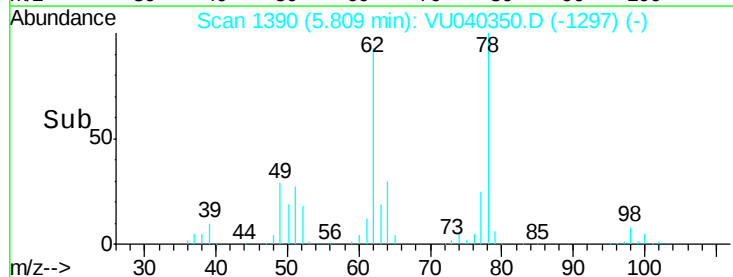
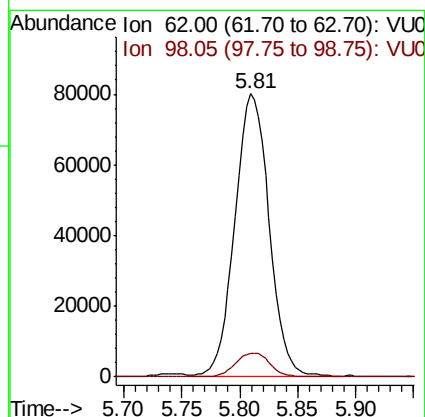
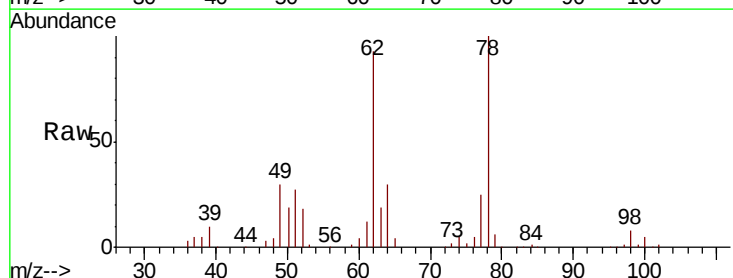
Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

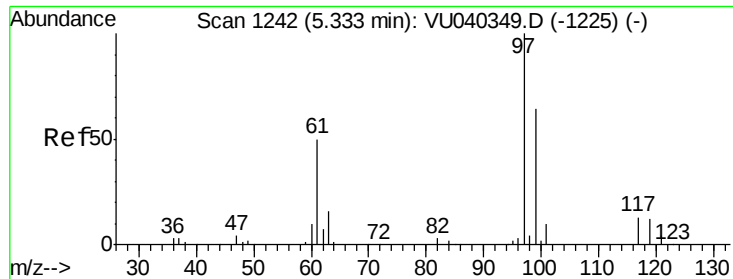
Tot Ion: 83 Resp: 235899
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 9.366 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

Tgt Ion: 62 Resp: 163692
Ion Ratio Lower Upper
62 100
98 8.3 7.5 11.3

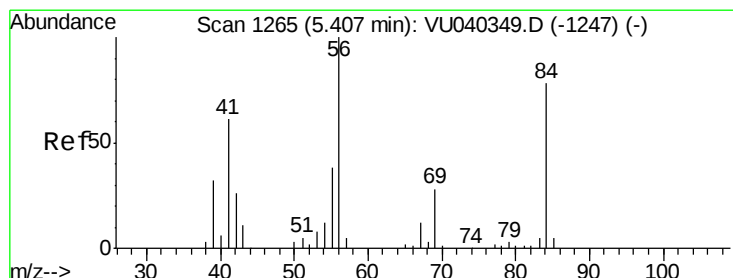
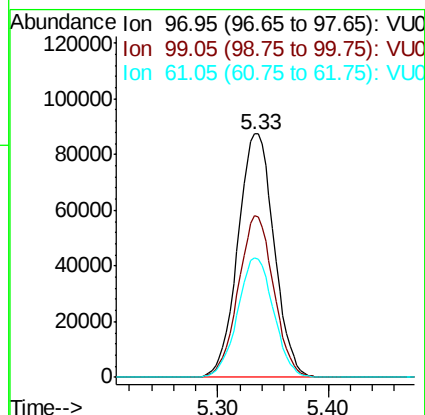
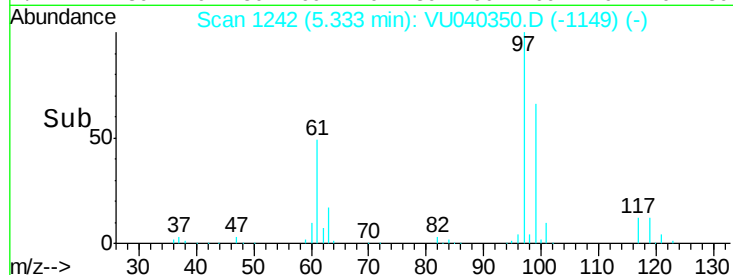
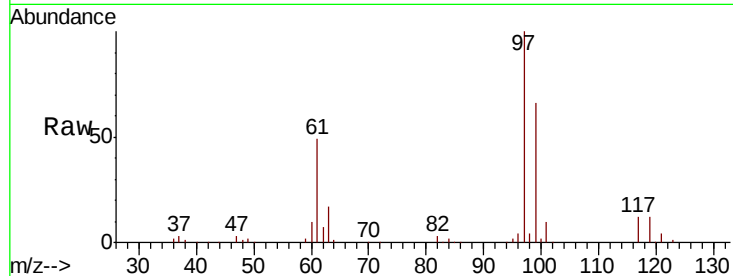




#29
 1,1,1-Trichloroethane
 Concen: 9.379 ug/L
 RT: 5.33 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VU040350.D
 Acq: 29 Sep 2020 10:31

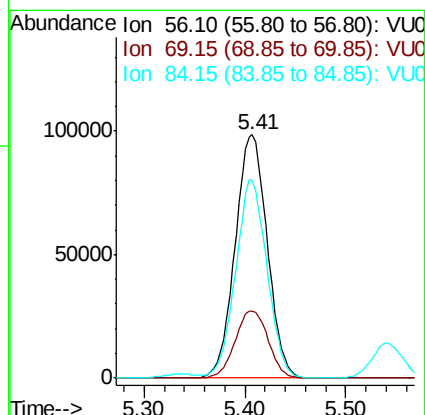
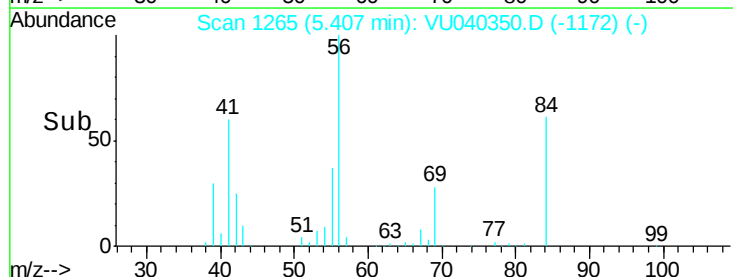
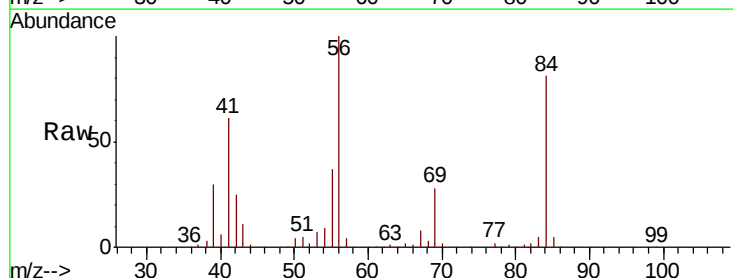
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

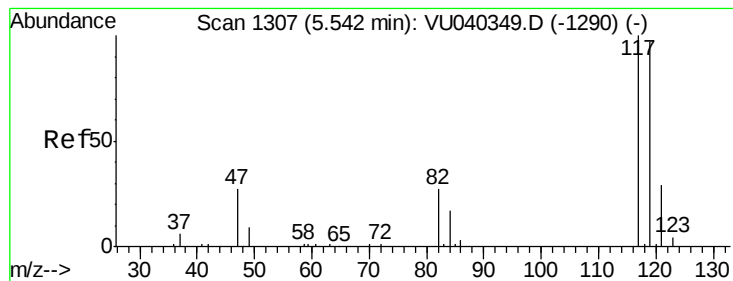
Tot Ion: 97 Resp: 198833
 Ion Ratio Lower Upper
 97 100
 99 65.1 50.7 76.1
 61 48.9 39.7 59.5



#30
 Cyclohexane
 Concen: 10.468 ug/L
 RT: 5.41 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VU040350.D
 Acq: 29 Sep 2020 10:31

Tgt Ion: 56 Resp: 217401
 Ion Ratio Lower Upper
 56 100
 69 28.4 23.3 34.9
 84 80.1 64.2 96.4





#31

Carbon tetrachloride

Concen: 9.392 ug/L

RT: 5.54 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

Instrument :

MSVOA_U

ClientSampleId :

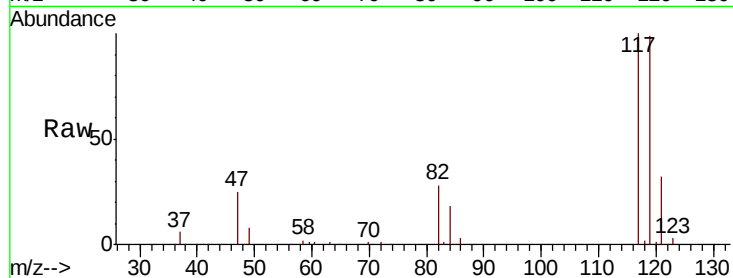
VSTD01001

Tot Ion:117 Resp: 171222

Ion Ratio Lower Upper

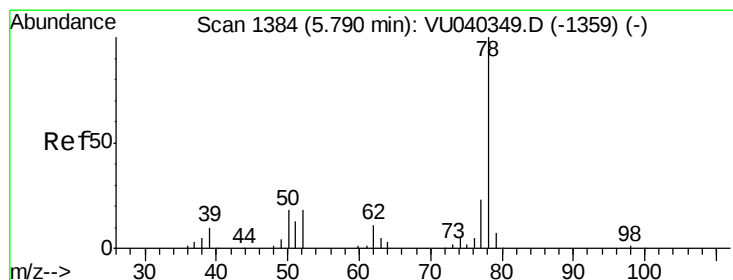
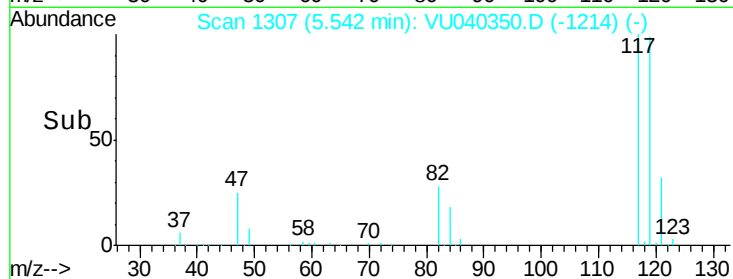
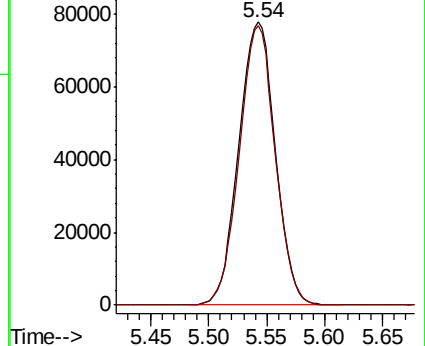
117 100

119 96.5 77.5 116.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 10.051 ug/L

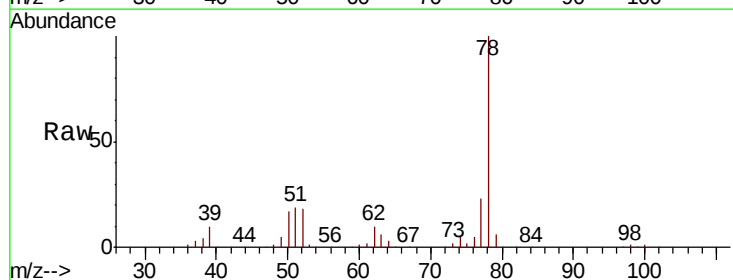
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

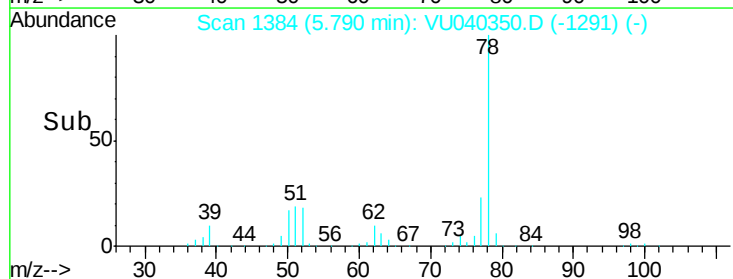
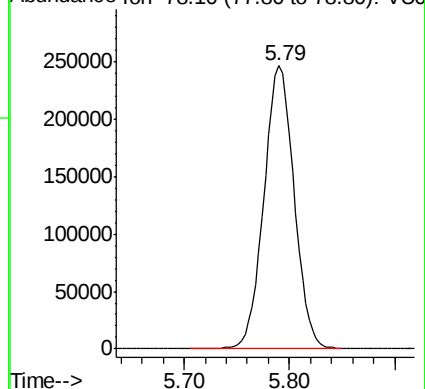
Lab File: VU040350.D

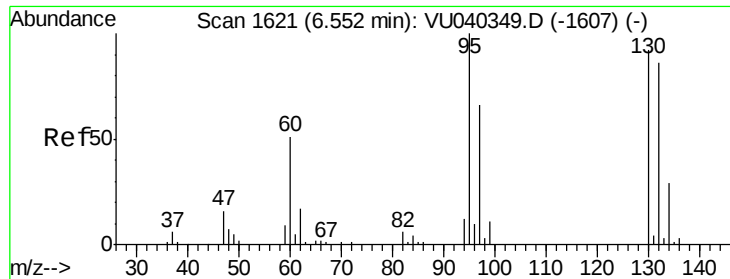
Acq: 29 Sep 2020 10:31

Tgt Ion: 78 Resp: 493585



Abundance Ion 78.10 (77.80 to 78.80): VU0

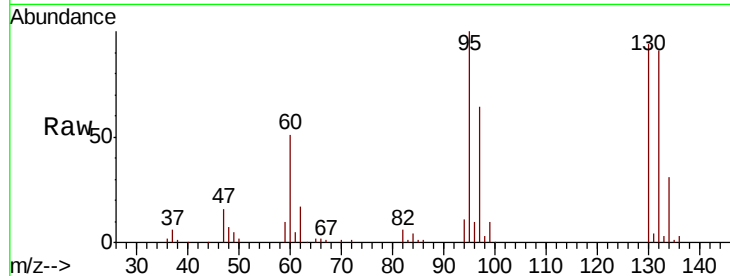




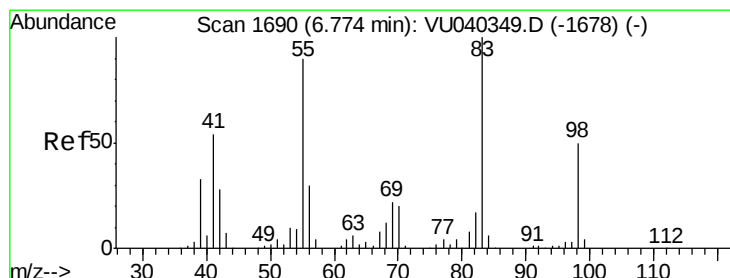
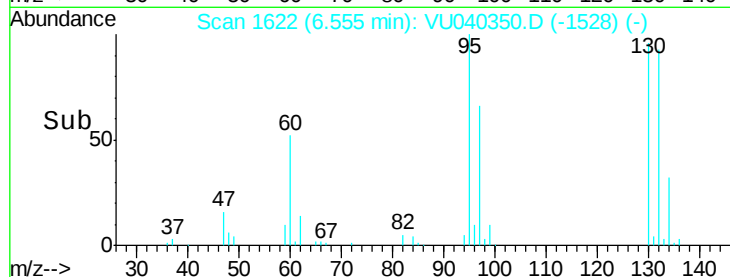
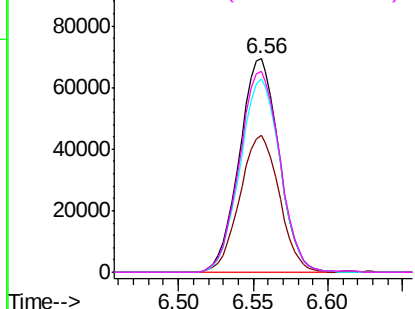
#34
 Trichloroethene
 Concen: 9.776 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040350.D
 Acq: 29 Sep 2020 10:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

Tot Ion: 95 Resp: 127806
 Ion Ratio Lower Upper
 95 100
 97 64.0 46.3 85.9
 132 90.7 60.5 112.3
 130 94.0 64.3 119.3

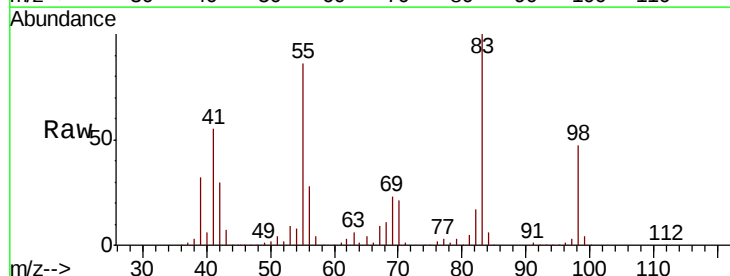


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

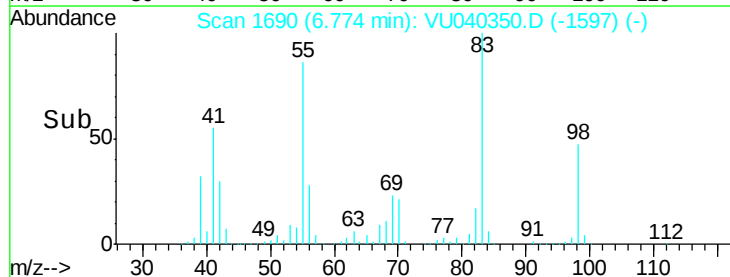
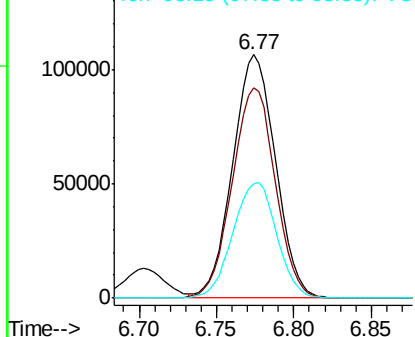


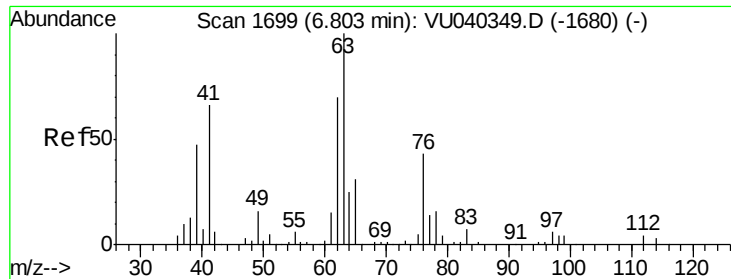
#35
 Methylcyclohexane
 Concen: 10.224 ug/L
 RT: 6.77 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: VU040350.D
 Acq: 29 Sep 2020 10:31

Tgt Ion: 83 Resp: 204265
 Ion Ratio Lower Upper
 83 100
 55 87.3 71.4 107.2
 98 48.8 38.5 57.7



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: 10.231 ug/L

RT: 6.80 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

Instrument :

MSVOA_U

ClientSampleId :

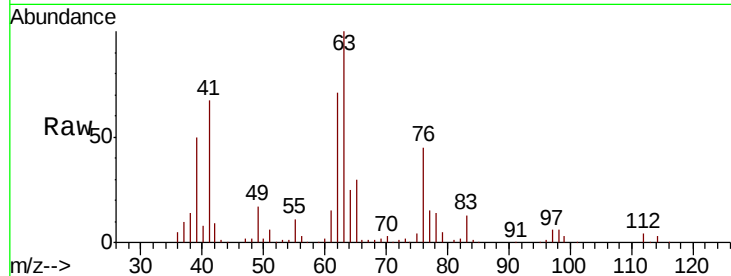
VSTD01001

Tot Ion: 63 Resp: 135144

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

80000

60000

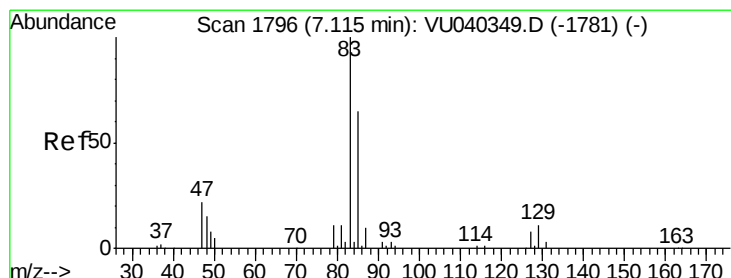
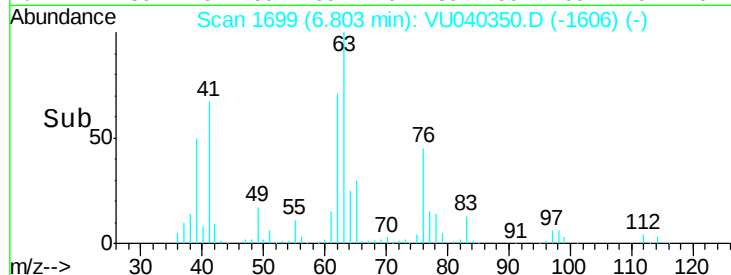
40000

20000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#38

Bromodichloromethane

Concen: 9.367 ug/L

RT: 7.11 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

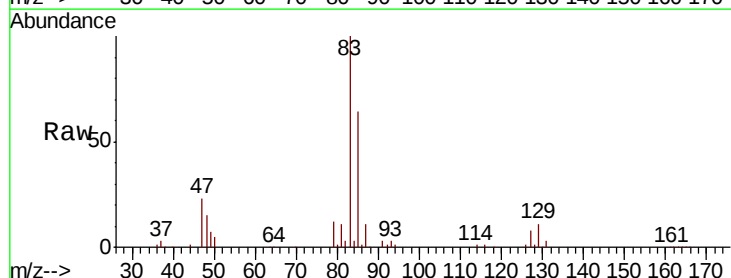
Tgt Ion: 83 Resp: 168134

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.9

127 8.3 6.6 9.8



Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 126.90 (126.60 to 127.60): V

120000

100000

80000

60000

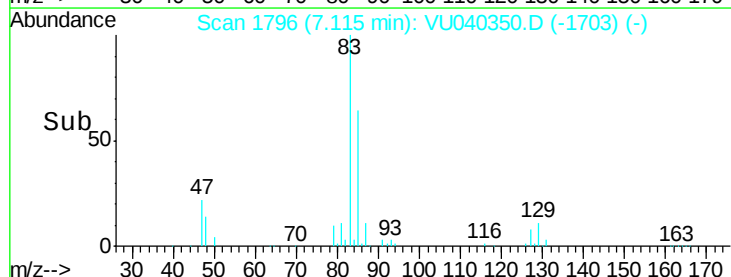
40000

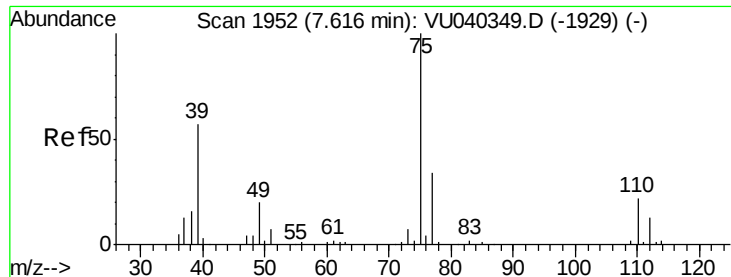
20000

0

7.05 7.10 7.15 7.20

Time-->

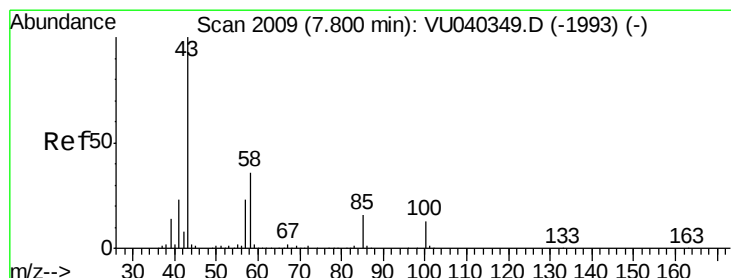
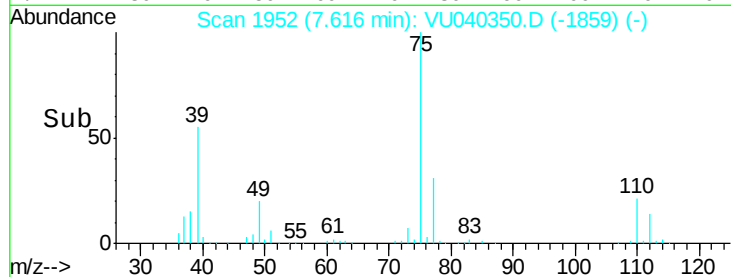
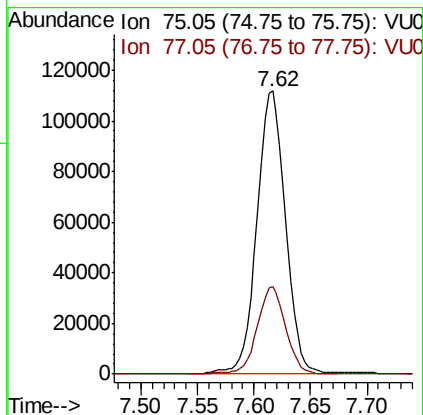
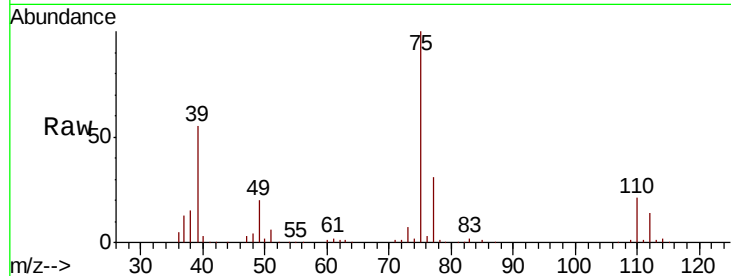




#39
 cis-1,3-Dichloropropene
 Concen: 10.269 ug/L
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040350.D
 Acq: 29 Sep 2020 10:31

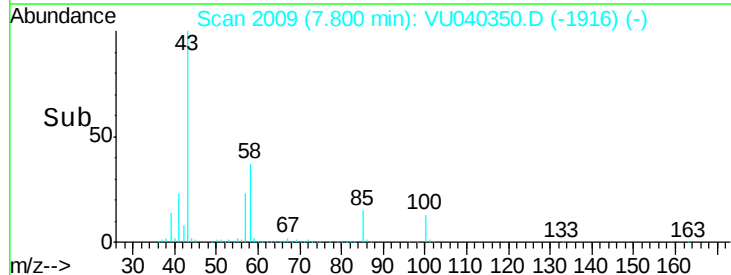
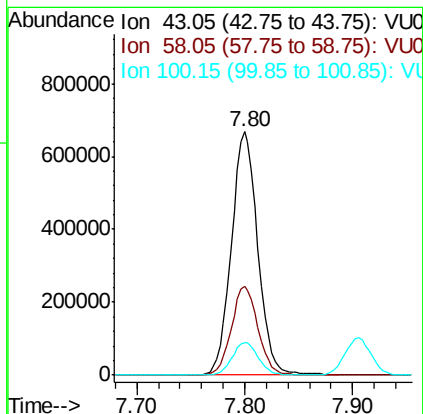
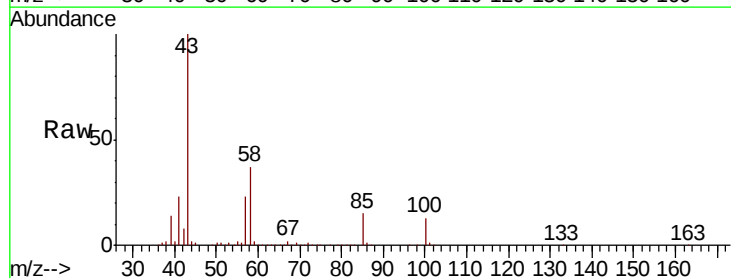
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

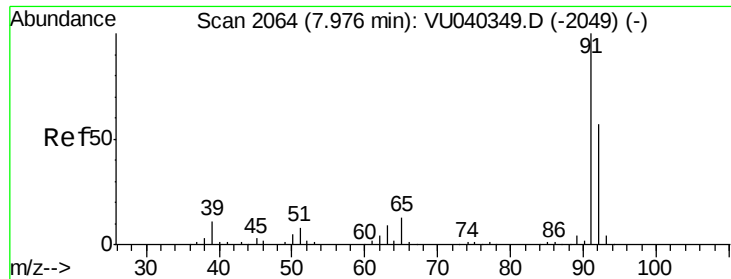
Tot Ion: 75 Resp: 197112
 Ion Ratio Lower Upper
 75 100
 77 31.0 23.5 43.7



#40
 4-Methyl-2-pentanone
 Concen: 105.598 ug/L
 RT: 7.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: VU040350.D
 Acq: 29 Sep 2020 10:31

Tgt Ion: 43 Resp: 1142043
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.2 43.8
 100 13.3 10.3 15.5





#42

Toluene

Concen: 10.310 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

Instrument :

MSVOA_U

ClientSampleId :

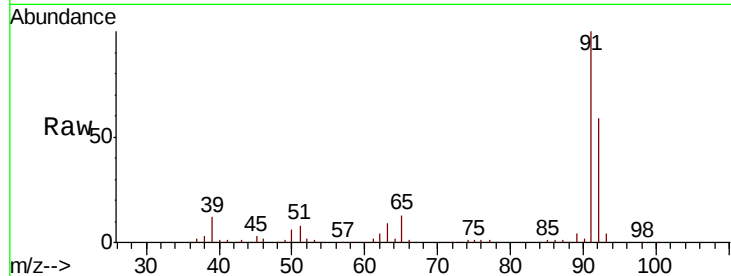
VSTD01001

Tot Ion: 91 Resp: 520569

Ion Ratio Lower Upper

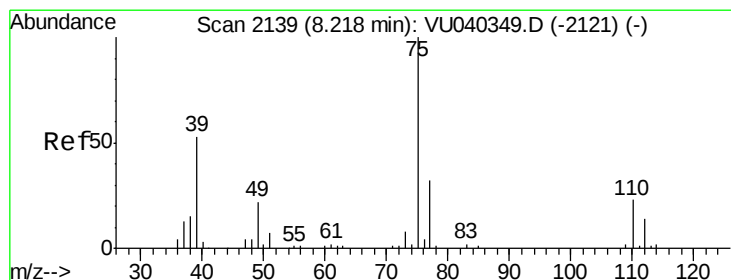
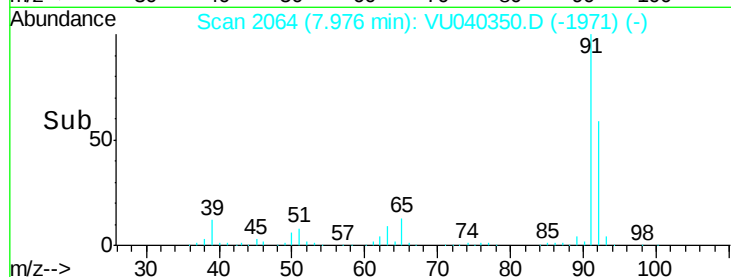
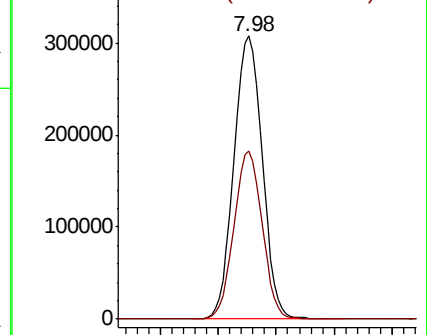
91 100

92 59.3 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 10.107 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU040350.D

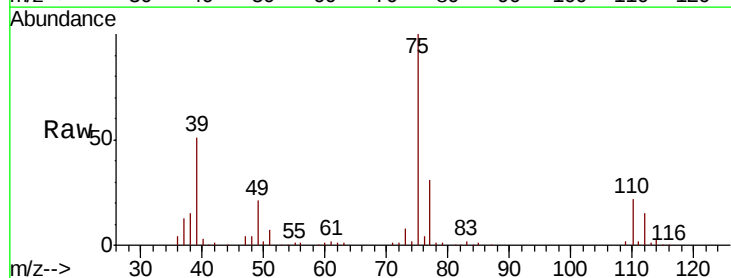
Acq: 29 Sep 2020 10:31

Tgt Ion: 75 Resp: 180253

Ion Ratio Lower Upper

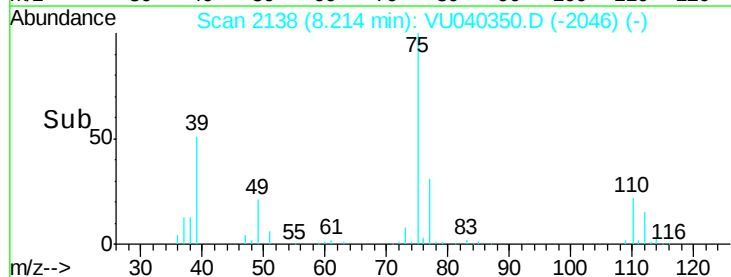
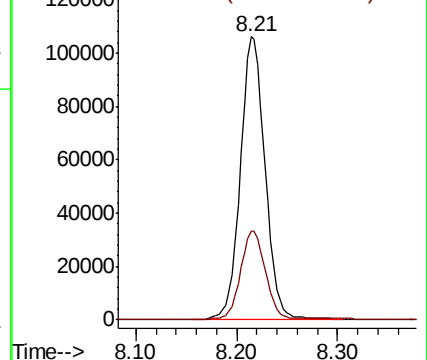
75 100

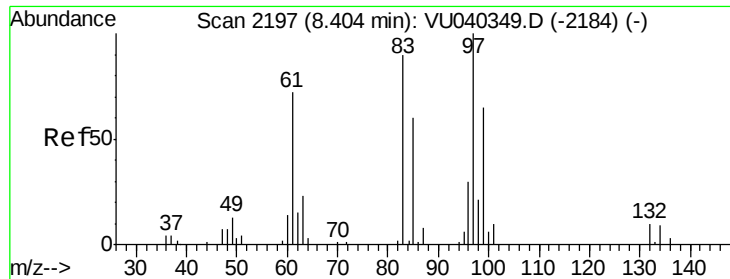
77 31.4 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

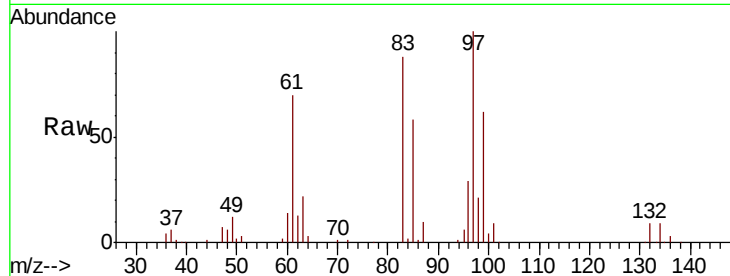




#45
1,1,2-Trichloroethane
Concen: 9.989 ug/L
RT: 8.41 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

Tot Ion:	97	Resp:	95727
Ion	Ratio	Lower	Upper
97	100		
99	62.0	45.8	85.0
83	87.8	62.9	116.9
85	57.7	41.7	77.5

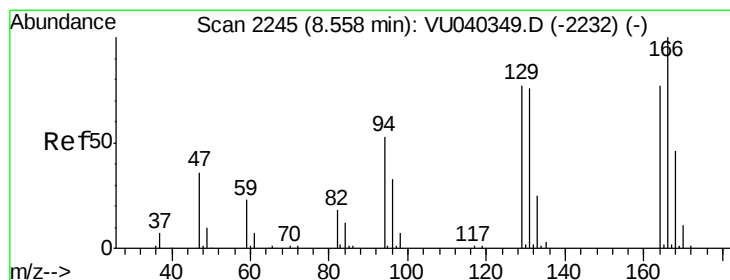
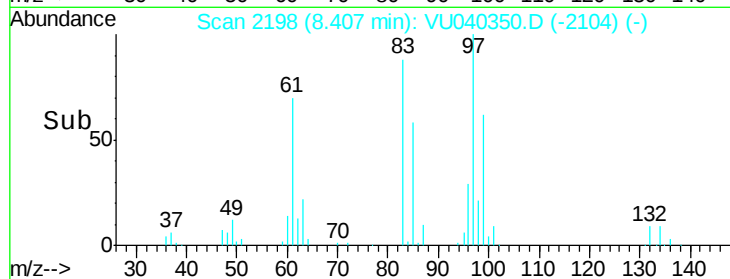
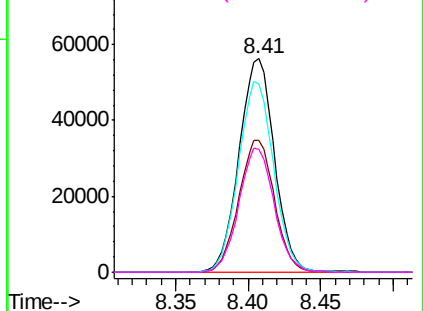


Abundance Ion 96.95 (96.65 to 97.65): VU040350.D (-2198) (-)

Ion 99.05 (98.75 to 99.75): VU040350.D (-2198) (-)

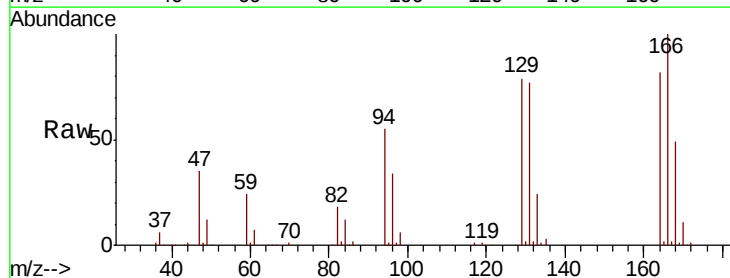
Ion 82.95 (82.65 to 83.65): VU040350.D (-2198) (-)

Ion 85.00 (84.70 to 85.70): VU040350.D (-2198) (-)



#47
Tetrachloroethene
Concen: 10.808 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

Tgt Ion:	164	Resp:	94265
Ion	Ratio	Lower	Upper
164	100		
129	97.0	70.3	130.7
131	94.6	69.2	128.6
166	122.5	91.1	169.3

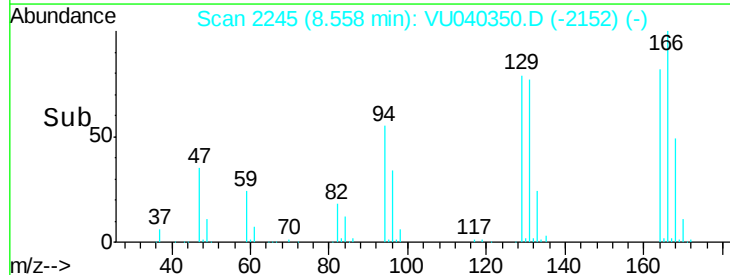
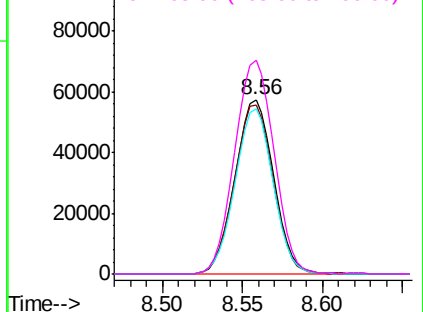


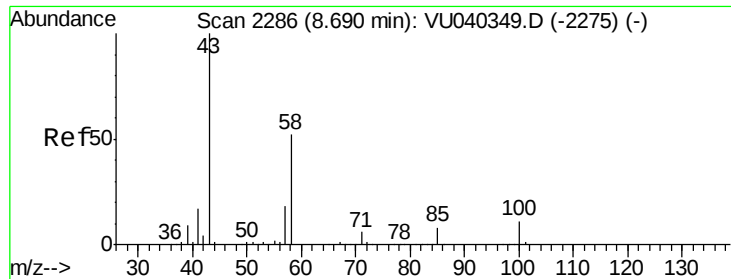
Abundance Ion 163.90 (163.60 to 164.60): VU040350.D (-2245) (-)

Ion 128.95 (128.65 to 129.65): VU040350.D (-2245) (-)

Ion 130.95 (130.65 to 131.65): VU040350.D (-2245) (-)

Ion 165.90 (165.60 to 166.60): VU040350.D (-2245) (-)

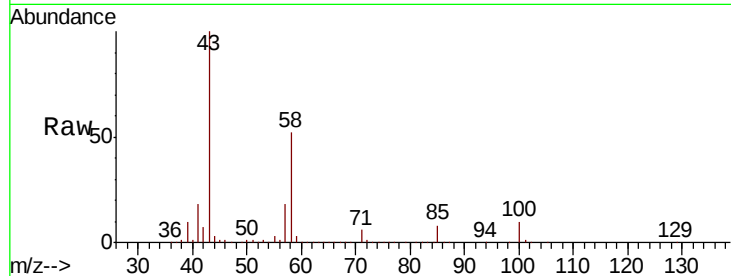




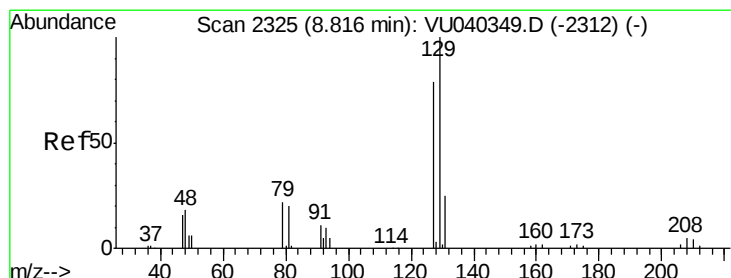
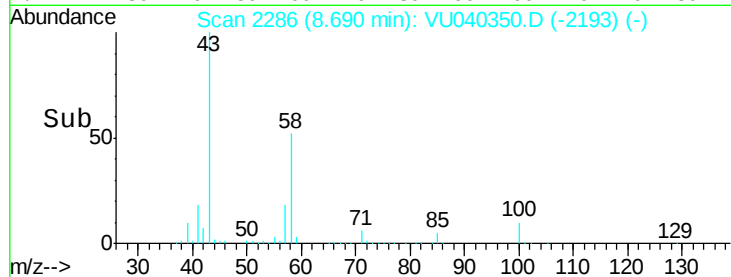
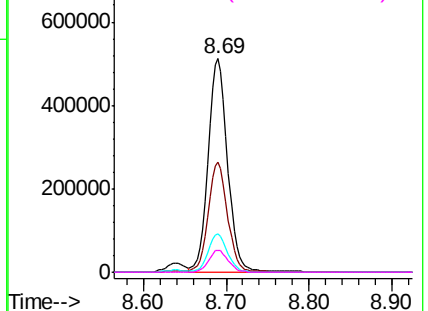
#48
2-Hexanone
Concen: 107.561 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

Tot Ion: 43 Resp: 845472
Ion Ratio Lower Upper
43 100
58 50.7 41.0 61.4
57 17.7 14.6 22.0
100 10.4 8.2 12.4

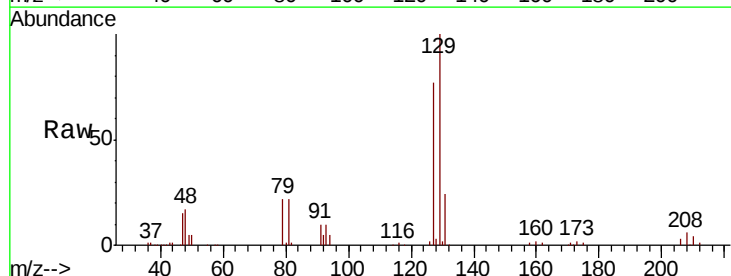


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

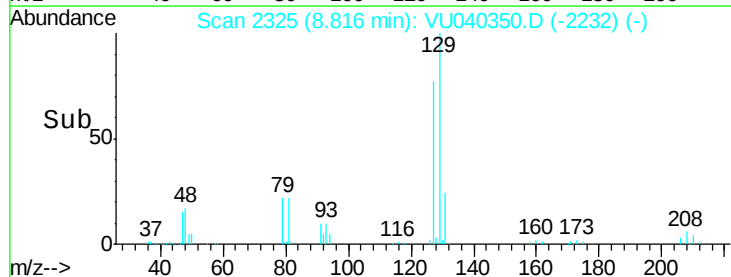
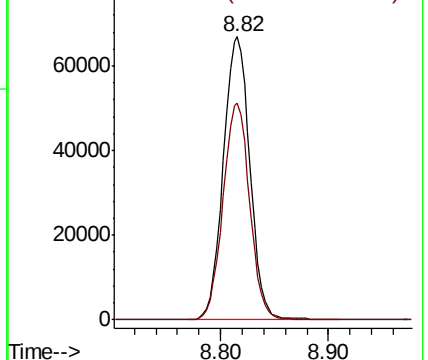


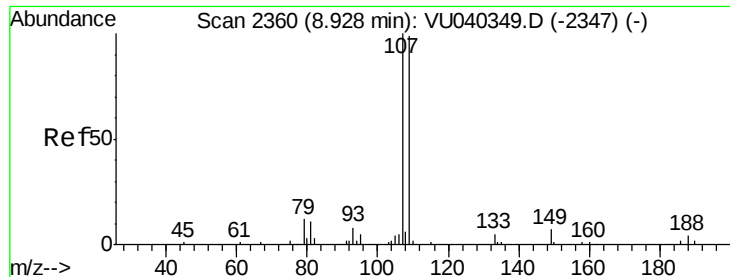
#49
Dibromochloromethane
Concen: 9.976 ug/L
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

Tgt Ion: 129 Resp: 114809
Ion Ratio Lower Upper
129 100
127 76.8 55.4 103.0



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

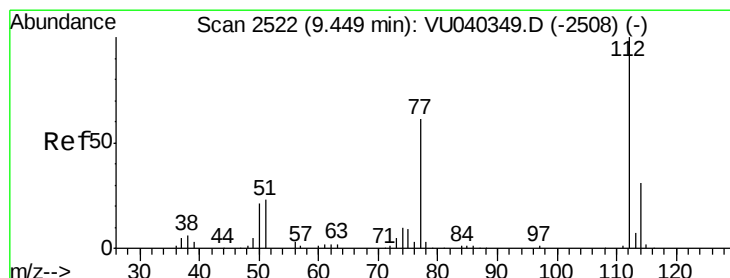
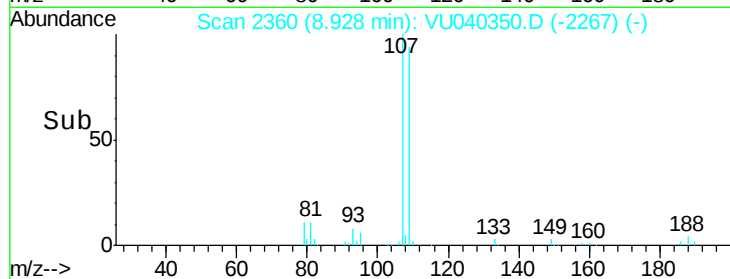
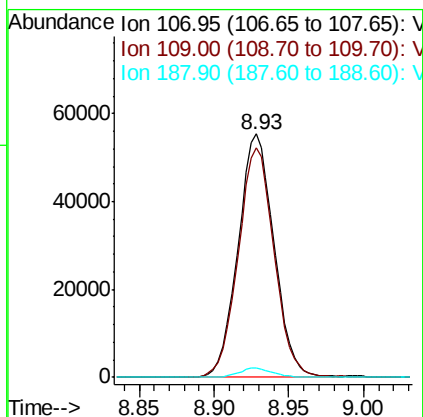
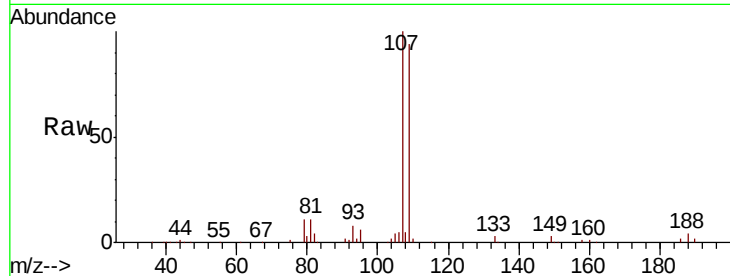




#50
 1,2-Dibromoethane
 Concen: 9.936 ug/L
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU040350.D
 Acq: 29 Sep 2020 10:31

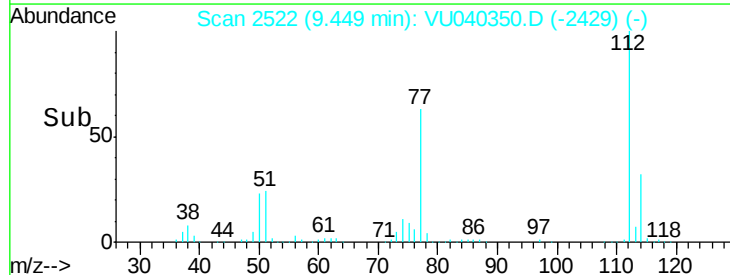
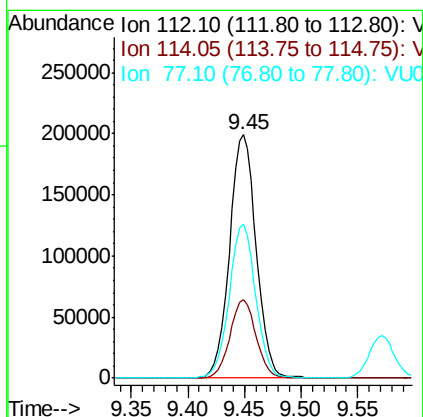
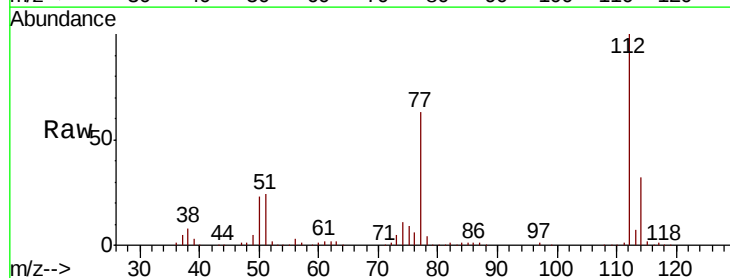
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

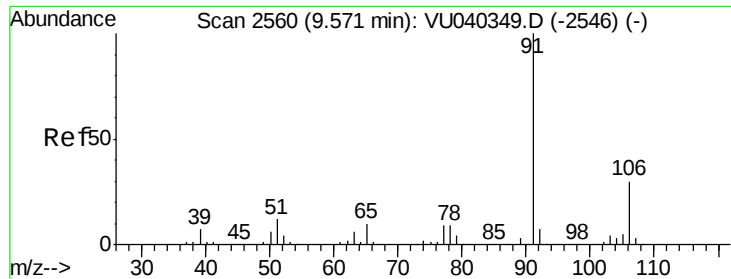
Tot Ion:107 Resp: 92391
 Ion Ratio Lower Upper
 107 100
 109 94.2 69.4 128.8
 188 3.8 3.3 4.9



#51
 Chlorobenzene
 Concen: 10.310 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VU040350.D
 Acq: 29 Sep 2020 10:31

Tgt Ion:112 Resp: 325937
 Ion Ratio Lower Upper
 112 100
 114 32.1 22.0 40.8
 77 63.1 49.5 74.3

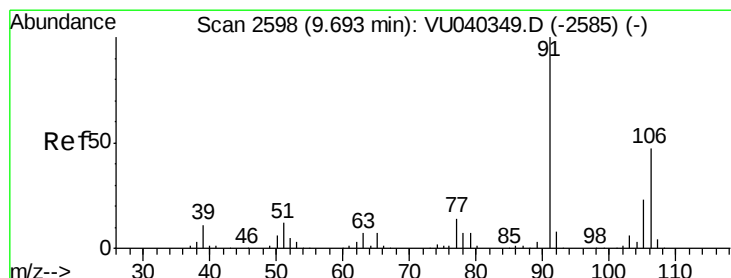
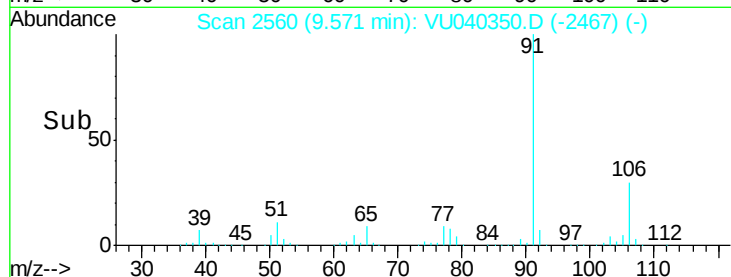
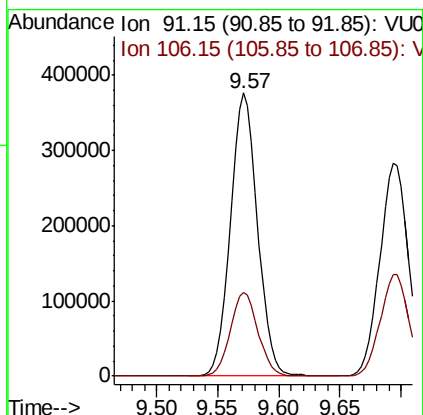
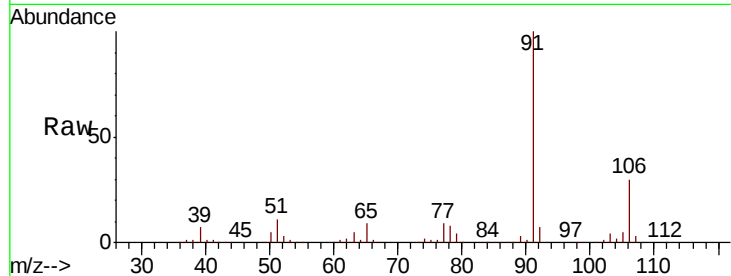




#52
Ethylbenzene
Concen: 10.260 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

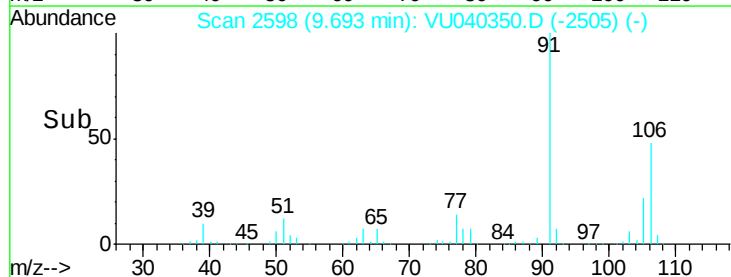
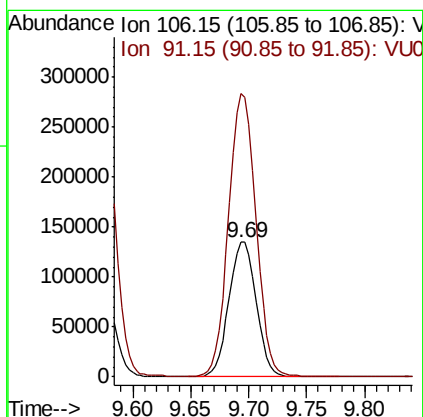
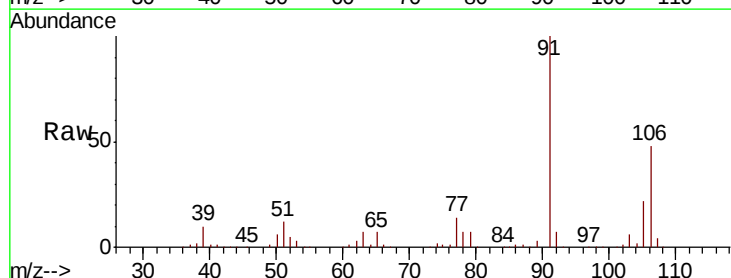
Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

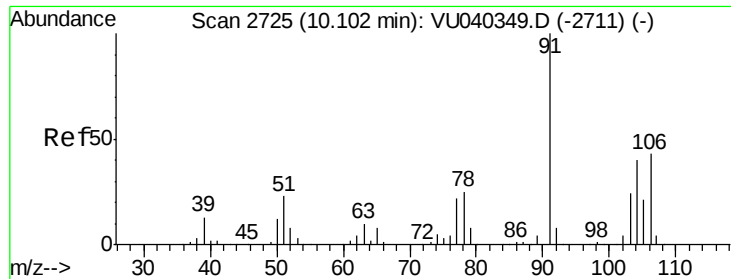
Tot Ion: 91 Resp: 582963
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.3



#53
m,p-Xylene
Concen: 10.814 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

Tgt Ion: 106 Resp: 220683
Ion Ratio Lower Upper
106 100
91 210.4 149.0 276.6

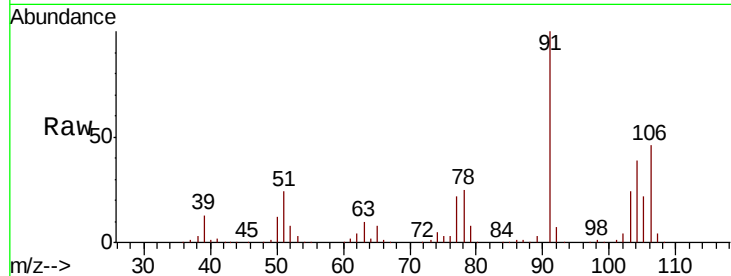




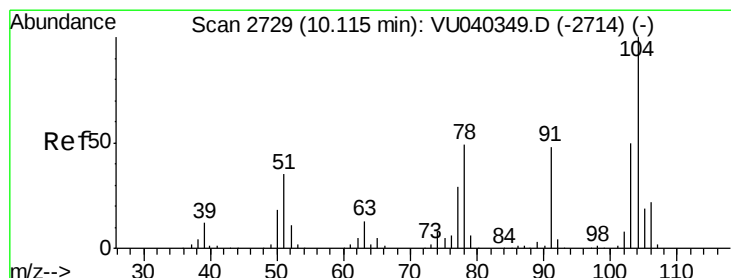
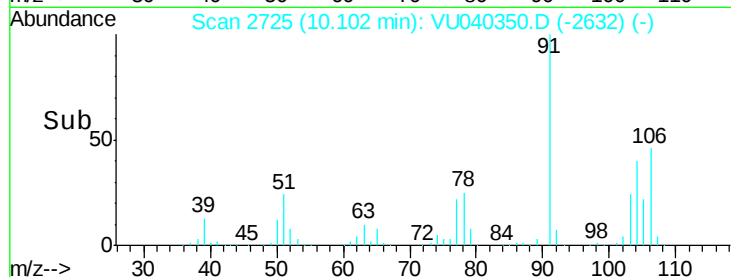
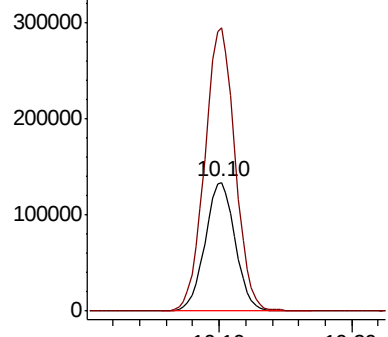
#54
o-Xylene
Concen: 10.873 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD01001

Tot Ion:106 Resp: 210965
Ion Ratio Lower Upper
106 100
91 219.8 160.9 298.9

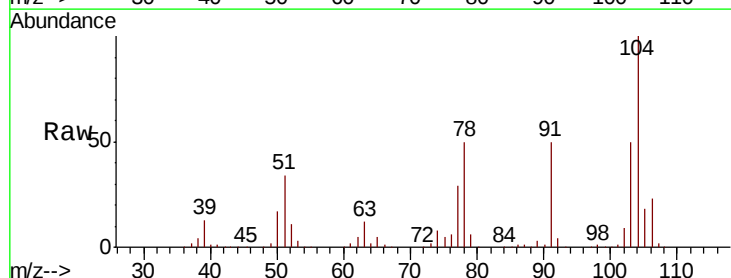


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

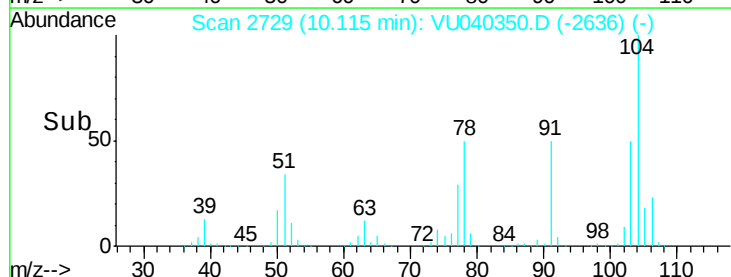
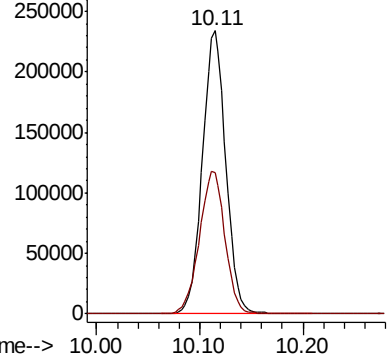


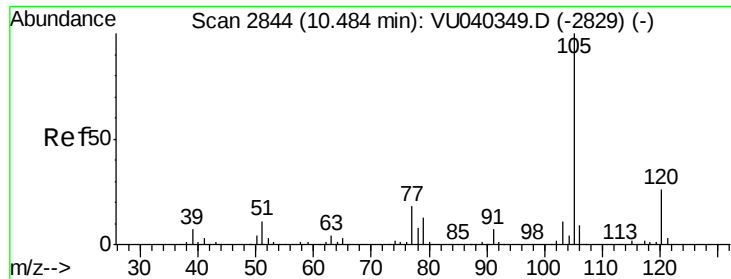
#55
Styrene
Concen: 10.927 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU040350.D
Acq: 29 Sep 2020 10:31

Tgt Ion:104 Resp: 370384
Ion Ratio Lower Upper
104 100
78 49.7 34.4 63.8



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





#56

Isopropylbenzene

Concen: 10.770 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD01001

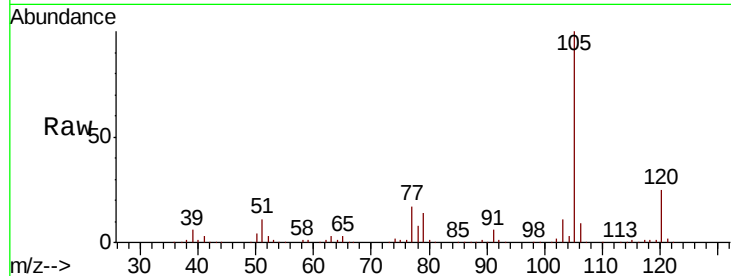
Tot Ion:105 Resp: 568079

Ion Ratio Lower Upper

105 100

120 25.5 20.6 30.8

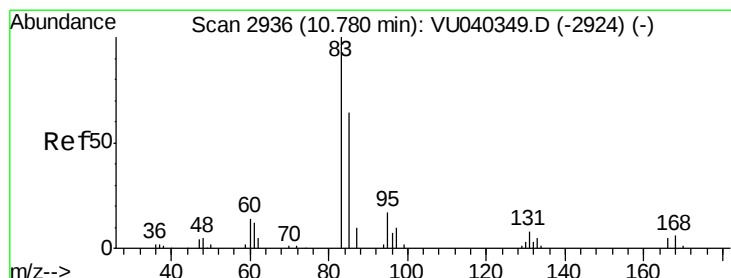
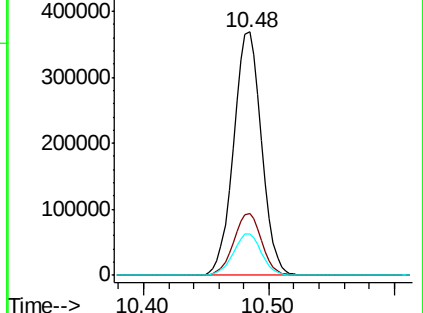
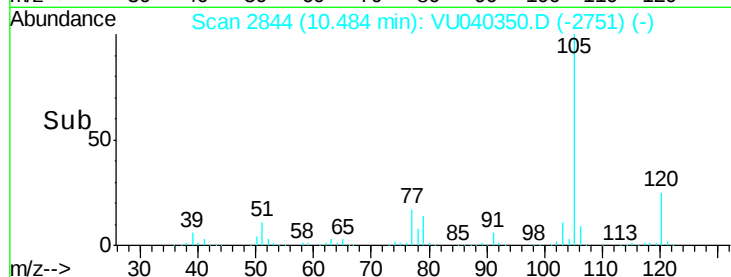
77 17.1 14.3 21.5



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: 10.211 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

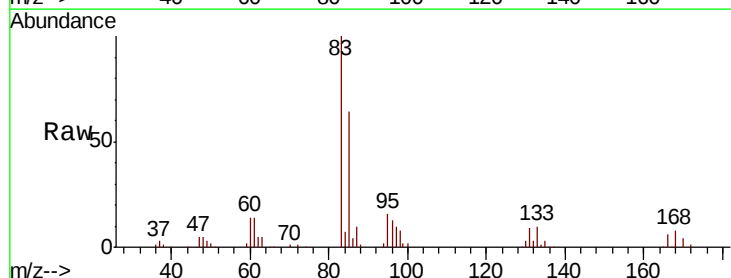
Tgt Ion: 83 Resp: 127863

Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.9

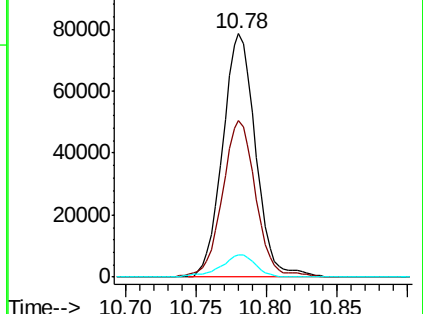
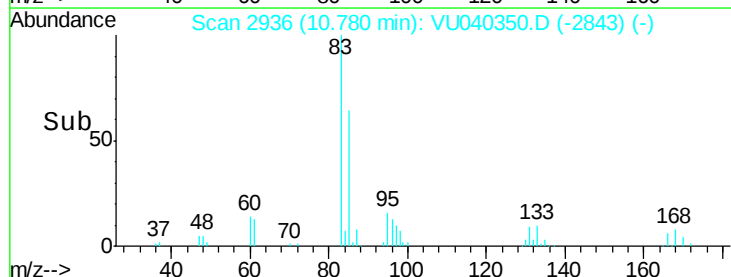
131 9.3 6.6 10.0

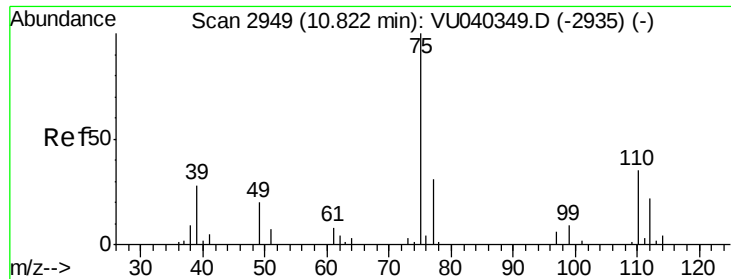


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 9.998 ug/L

RT: 10.82 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

Instrument :

MSVOA_U

ClientSampleId :

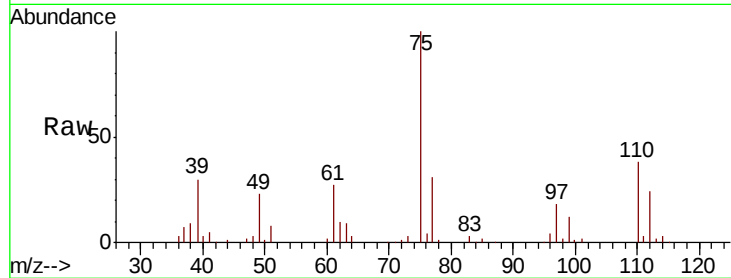
VSTD01001

Tot Ion: 75 Resp: 97659

Ion Ratio Lower Upper

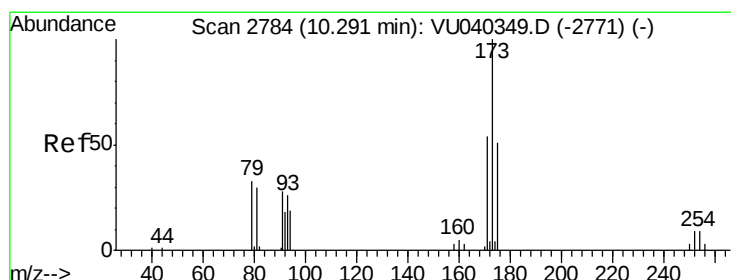
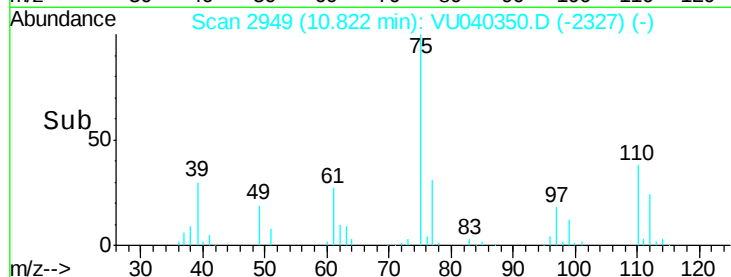
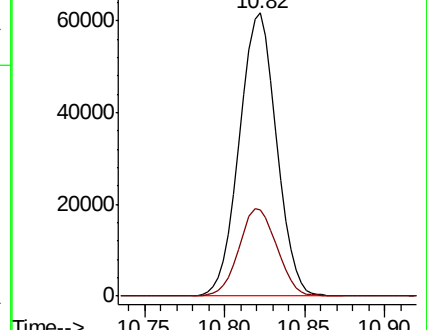
75 100

77 31.5 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU040349.D (-2935) (-)

Ion 77.00 (76.70 to 77.70): VU040349.D (-2935) (-)



#61

Bromoform

Concen: 9.507 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

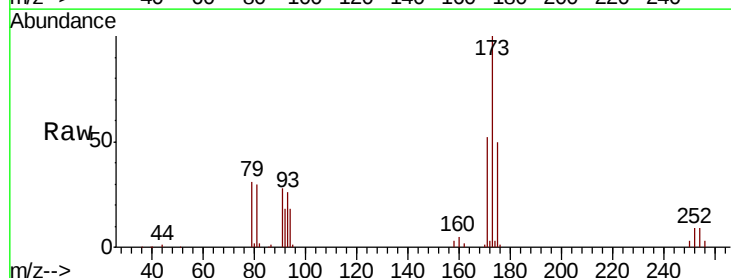
Tgt Ion: 173 Resp: 64311

Ion Ratio Lower Upper

173 100

175 49.6 39.6 59.4

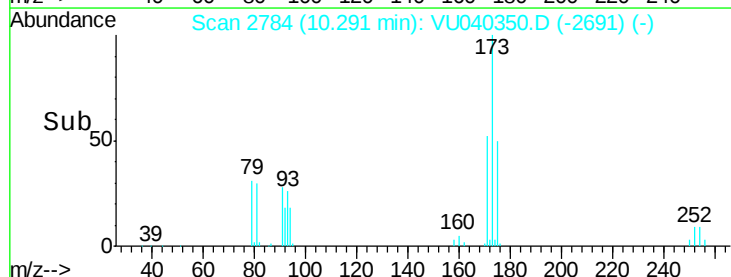
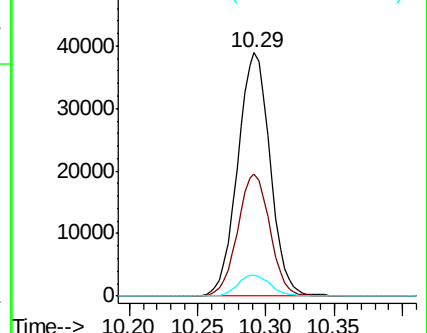
254 8.6 7.0 10.4

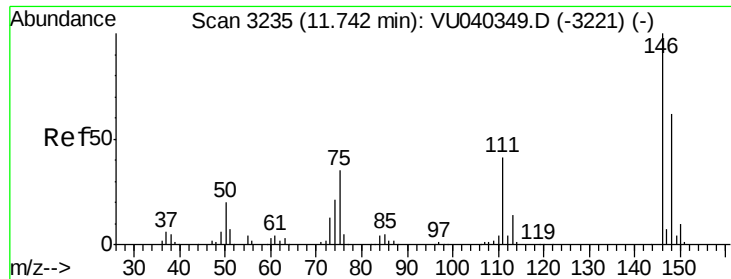


Abundance Ion 172.90 (172.60 to 173.60): VU040349.D (-2771) (-)

Ion 174.90 (174.60 to 175.60): VU040349.D (-2771) (-)

Ion 253.75 (253.45 to 254.45): VU040349.D (-2771) (-)





#62

1,3-Dichlorobenzene

Concen: 9.879 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD01001

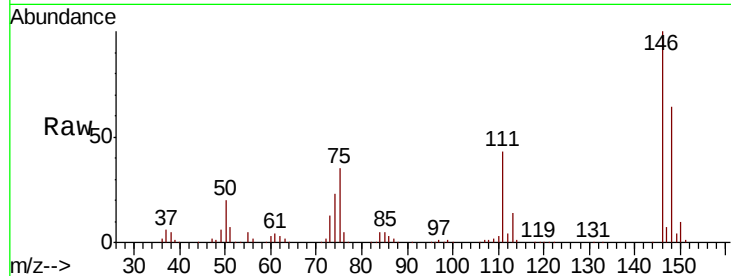
Tot Ion:146 Resp: 269063

Ion Ratio Lower Upper

146 100

111 42.9 28.6 53.0

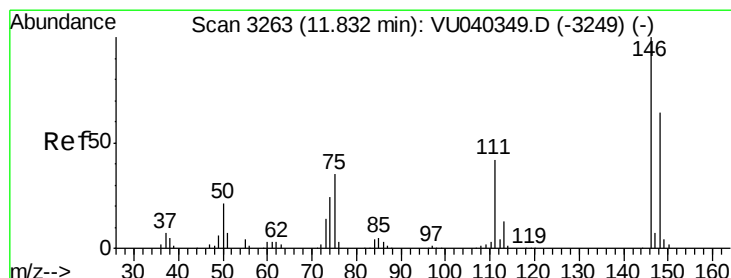
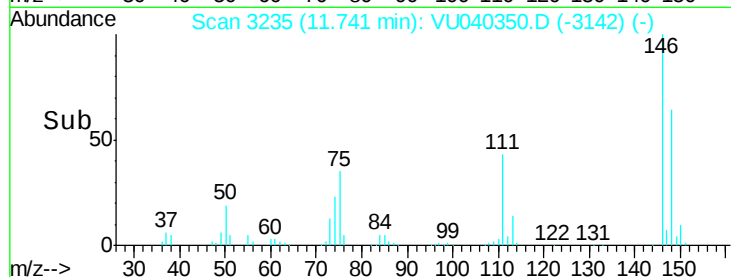
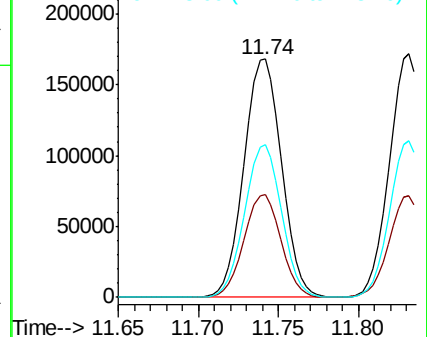
148 63.8 43.4 80.6



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: 9.854 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

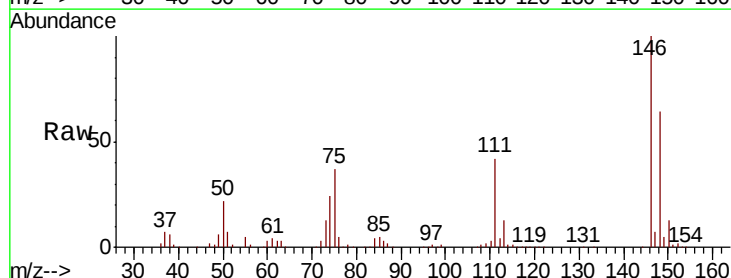
Tgt Ion:146 Resp: 270739

Ion Ratio Lower Upper

146 100

111 41.7 29.2 54.2

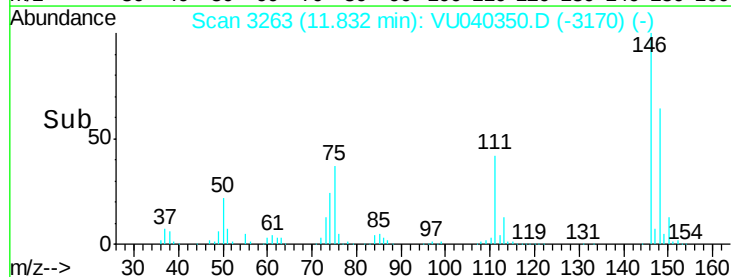
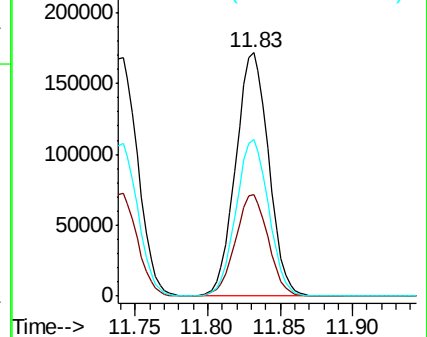
148 64.1 44.4 82.4

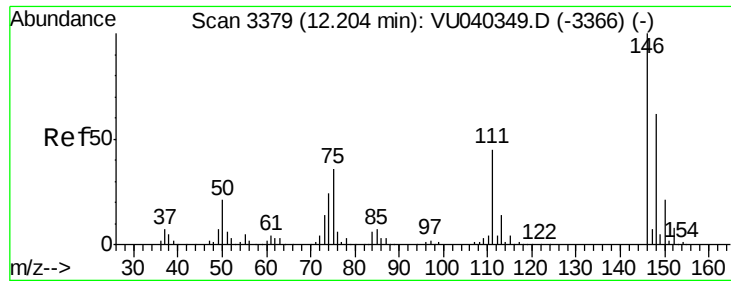


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 9.809 ug/L

RT: 12.20 min Scan# 3379

Delta R.T. 0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD01001

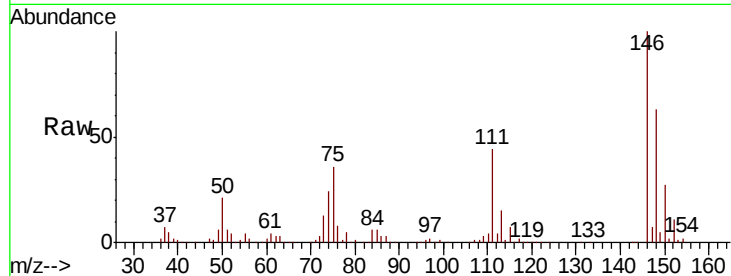
Tot Ion:146 Resp: 257991

Ion Ratio Lower Upper

146 100

111 44.5 35.6 53.4

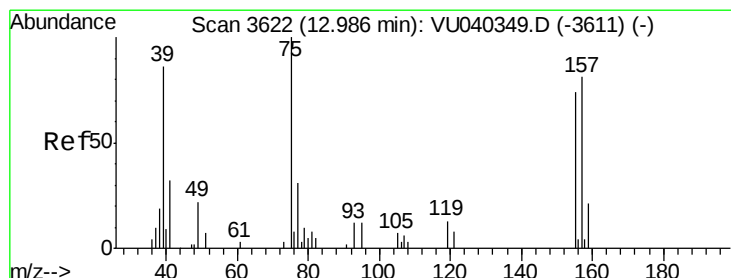
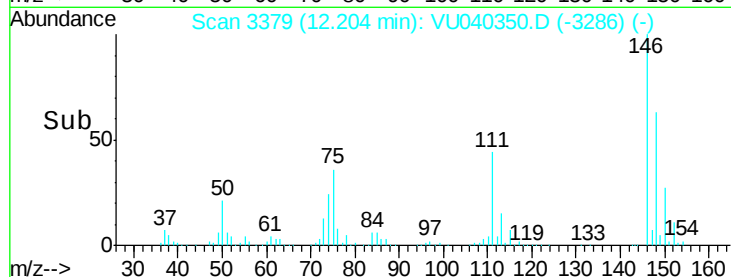
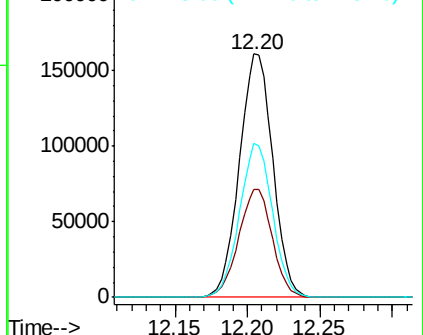
148 63.0 49.8 74.6



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: 8.493 ug/L

RT: 12.99 min Scan# 3622

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

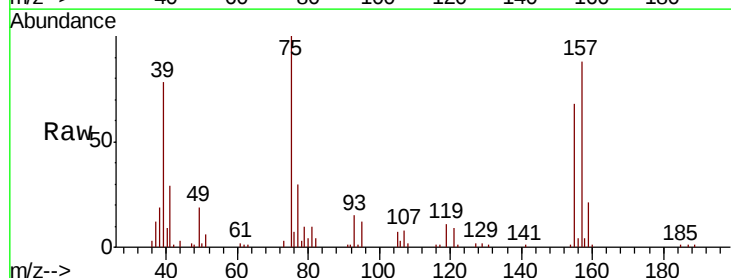
Tgt Ion: 75 Resp: 22810

Ion Ratio Lower Upper

75 100

155 67.7 59.4 89.2

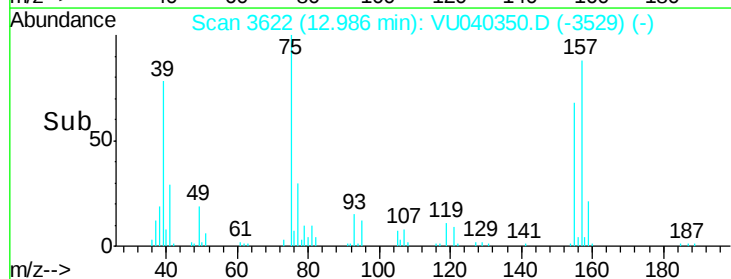
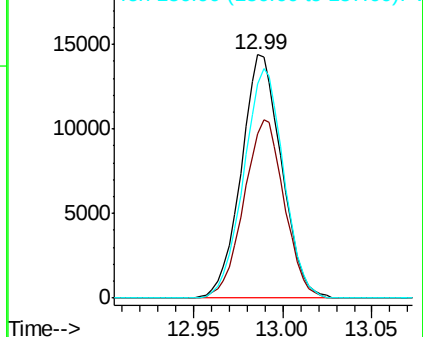
157 88.0 65.0 97.4

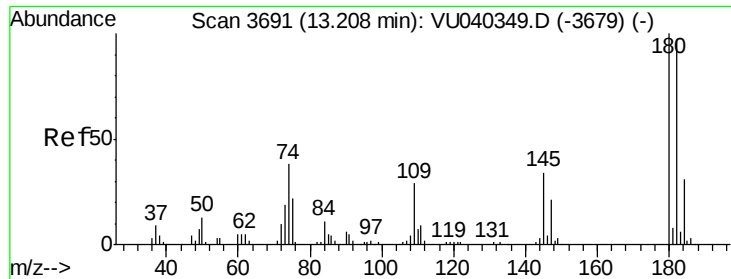


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

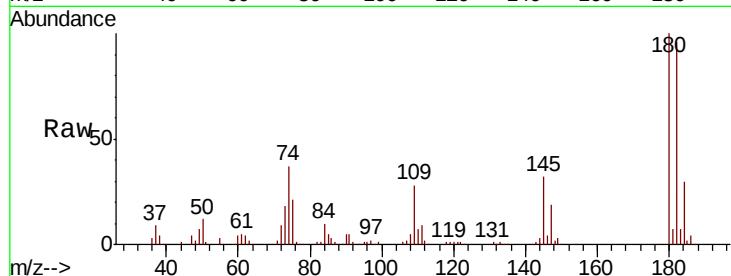




#67
 1,3,5-Trichlorobenzene
 Concen: 10.086 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.00 min
 Lab File: VU040350.D
 Acq: 29 Sep 2020 10:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.5	114.7
184	29.6	24.6	37.0
145	31.5	25.8	38.8



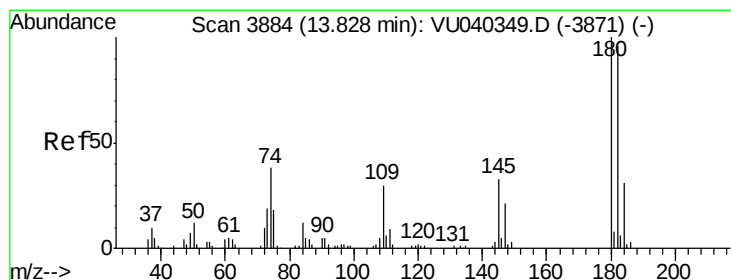
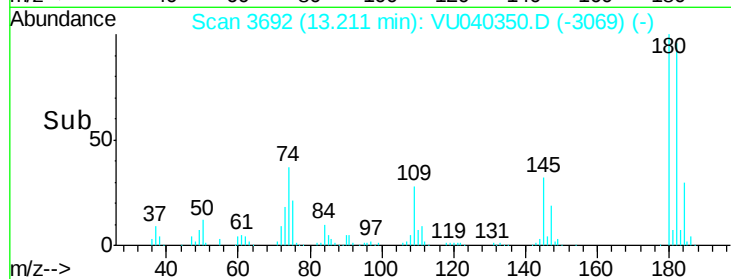
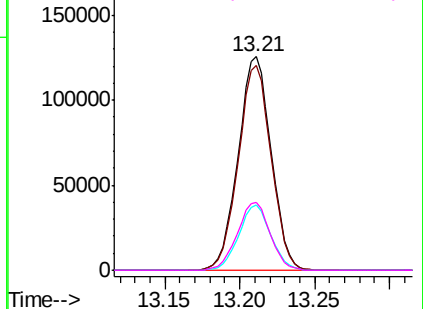
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

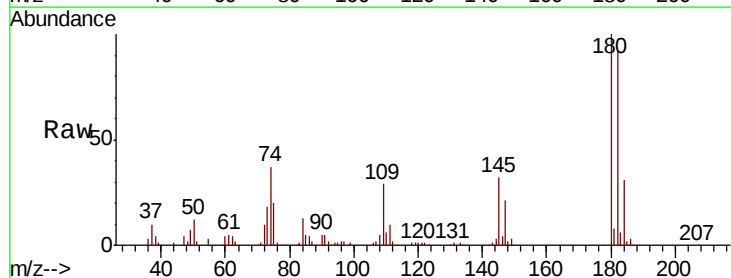
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 10.334 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040350.D
 Acq: 29 Sep 2020 10:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.6	115.0
145	32.4	26.3	39.5

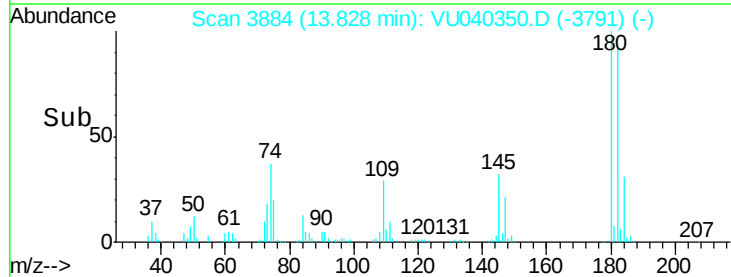
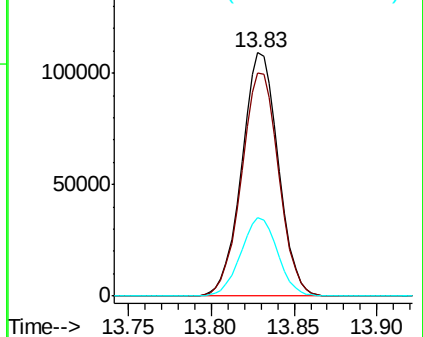


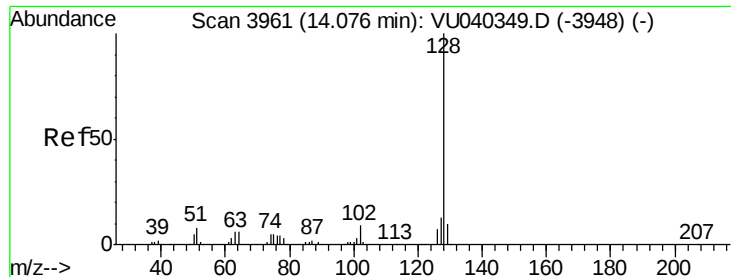
Abundance

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: 9.879 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD01001

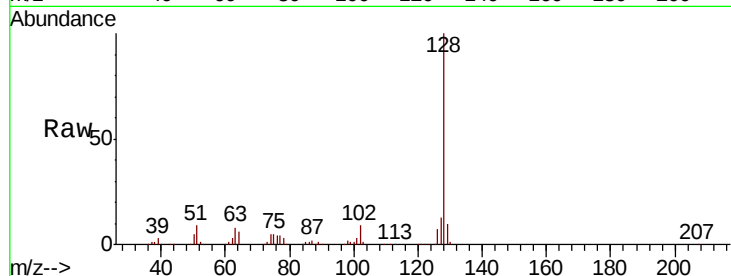
Tot Ion:128 Resp: 319746

Ion Ratio Lower Upper

128 100

129 10.7 8.2 12.4

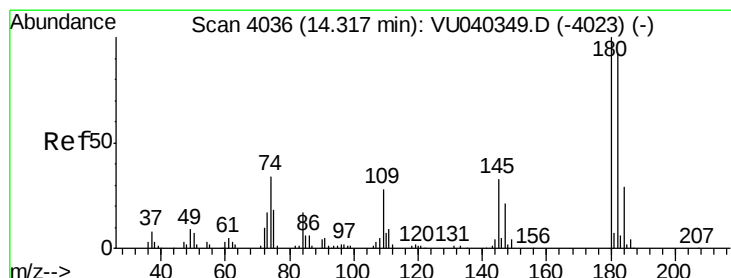
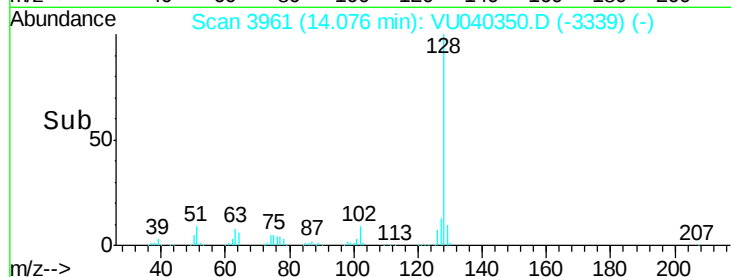
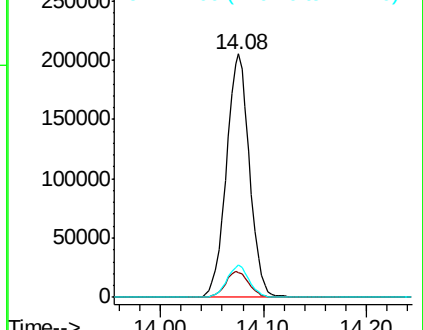
127 12.8 10.2 15.4



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: 10.284 ug/L

RT: 14.32 min Scan# 4036

Delta R.T. -0.00 min

Lab File: VU040350.D

Acq: 29 Sep 2020 10:31

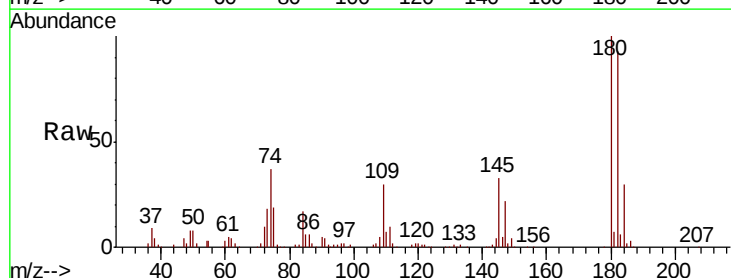
Tgt Ion:180 Resp: 153258

Ion Ratio Lower Upper

180 100

182 94.7 76.6 115.0

145 34.7 27.8 41.6



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

