

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112520\
 Data File : VU041426.D
 Acq On : 25 Nov 2020 12:08
 Operator : SY/MD
 Sample : VSTD00104
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001104

Quant Time: Nov 26 06:15:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR112520WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 26 06:14:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	61547	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61083	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	33537	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	4730	1.12	ug/L	0.00
7) Chloroethane-d5	1.92	69	3648	1.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	2162	1.07	ug/L	0.00
20) 2-Butanone-d5	4.65	46	12194	7.49	ug/L	0.00
24) Chloroform-d	5.08	84	9478	1.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	5840	1.09	ug/L	0.00
32) Benzene-d6	5.74	84	14541	0.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	4694	0.92	ug/L	0.00
41) Toluene-d8	7.91	98	14163	1.06	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	2263	1.00	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	6871	6.06	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.76	84	4553	0.97	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	5741	1.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	7360	1.299 ug/L	96
3) Chloromethane	1.53	50	6022	1.079 ug/L	98
5) Vinyl chloride	1.61	62	5568	1.019 ug/L	95
6) Bromomethane	1.87	94	2810	0.951 ug/L	94
8) Chloroethane	1.94	64	3936	1.109 ug/L	91
9) Trichlorofluoromethane	2.15	101	9874	1.211 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	4690	1.044 ug/L	93
12) 1,1-Dichloroethene	2.59	96	3674	0.879 ug/L #	84
13) Acetone	2.66	43	10109	9.331 ug/L	96
14) Carbon disulfide	2.80	76	11048	0.845 ug/L	97
15) Methyl Acetate	2.96	43	2080	0.844 ug/L	92
16) Methylene chloride	3.06	84	7901	1.580 ug/L	99
17) Methyl tert-butyl Ether	3.38	73	10390	0.937 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	4024	0.942 ug/L	90
19) 1,1-Dichloroethane	3.89	63	8032	0.912 ug/L	99
21) 2-Butanone	4.73	43	12917	7.571 ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	4283	0.929 ug/L	99
23) Bromochloromethane	4.99	128	1988	0.912 ug/L	81
25) Chloroform	5.10	83	9310	1.016 ug/L	99
27) 1,2-Dichloroethane	5.81	62	6723	1.001 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	8485	1.053 ug/L	96
30) Cyclohexane	5.40	56	5287	0.751 ug/L	98
31) Carbon tetrachloride	5.54	117	7488	1.075 ug/L	98
33) Benzene	5.79	78	16696	0.927 ug/L	100
34) Trichloroethene	6.55	95	4410	0.902 ug/L	93
35) Methylcyclohexane	6.77	83	5609	0.823 ug/L	95
37) 1,2-Dichloropropane	6.80	63	4509	0.894 ug/L #	90
38) Bromodichloromethane	7.12	83	6904	1.048 ug/L #	98
39) cis-1,3-Dichloropropene	7.62	75	6274	0.904 ug/L	92
40) 4-Methyl-2-pentanone	7.80	43	27180	7.250 ug/L	98

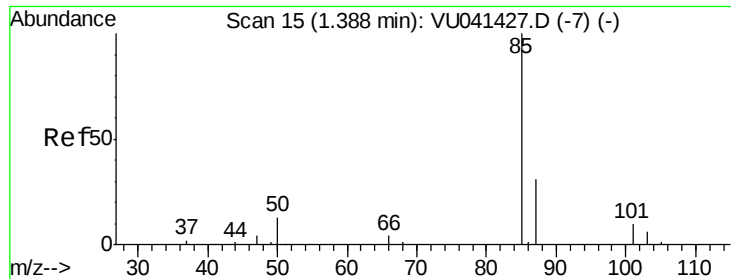
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112520\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 26 06:14:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	16741	0.902	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	6035	0.927	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	3301	0.906	ug/L	99
47) Tetrachloroethene	8.56	164	3345	0.976	ug/L	97
48) 2-Hexanone	8.69	43	17677	6.285	ug/L	98
49) Dibromochloromethane	8.81	129	4163	0.947	ug/L	92
50) 1,2-Dibromoethane	8.93	107	3081	0.885	ug/L #	97
51) Chlorobenzene	9.45	112	11066	0.934	ug/L	98
52) Ethylbenzene	9.57	91	17401	0.903	ug/L	99
53) m,p-Xylene	9.69	106	5929	0.845	ug/L	80
54) o-Xylene	10.10	106	5738	0.852	ug/L	98
55) Styrene	10.11	104	10032	0.860	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	4220	0.894	ug/L	92
59) Bromoform	10.29	173	2452	0.918	ug/L #	92
60) Isopropylbenzene	10.48	105	15883	0.804	ug/L	98
61) 1,2,3-Trichloropropane	10.82	75	3428	0.859	ug/L	97
62) 1,3,5-Trimethylbenzene	11.09	105	13467	0.826	ug/L	97
63) 1,2,4-Trimethylbenzene	11.46	105	13673	0.830	ug/L	98
64) 1,3-Dichlorobenzene	11.74	146	9616	0.960	ug/L	95
65) 1,4-Dichlorobenzene	11.83	146	9867	0.967	ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	9477	0.972	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	777	0.814	ug/L	94
69) 1,3,5-Trichlorobenzene	13.21	180	7452	1.062	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	5905	0.997	ug/L	96
71) Naphthalene	14.08	128	9180	0.880	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	5497	0.993	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 1.299 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

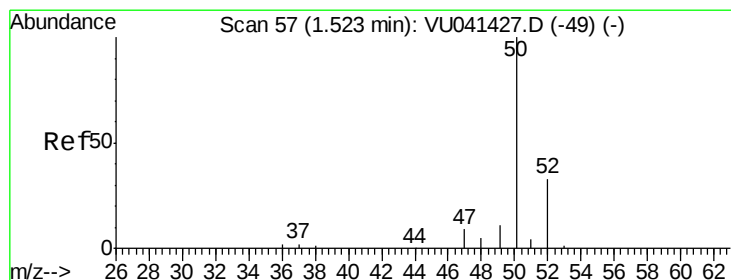
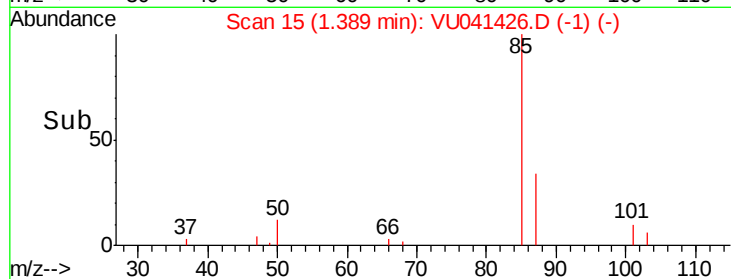
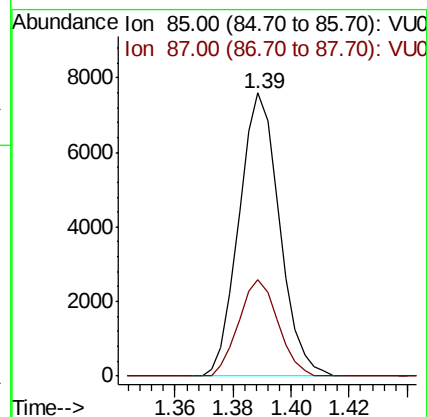
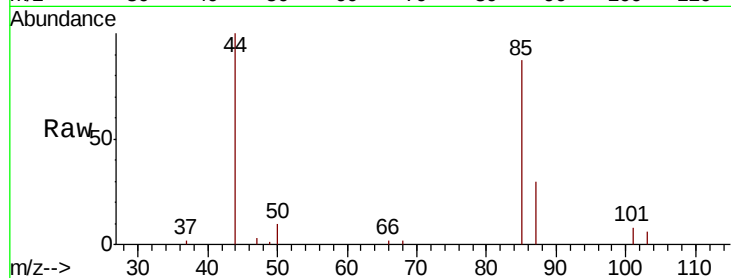
VSTD001104

Tot Ion: 85 Resp: 7360

Ion Ratio Lower Upper

85 100

87 33.0 24.9 37.3



#3

Chloromethane

Concen: 1.079 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041426.D

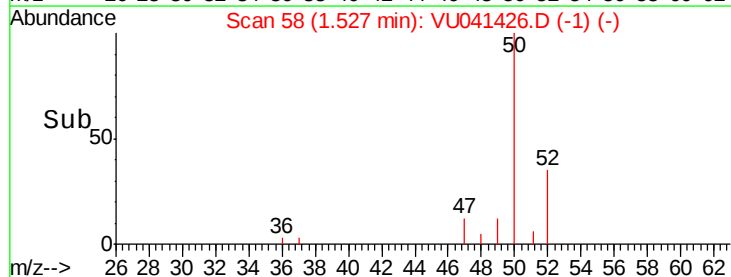
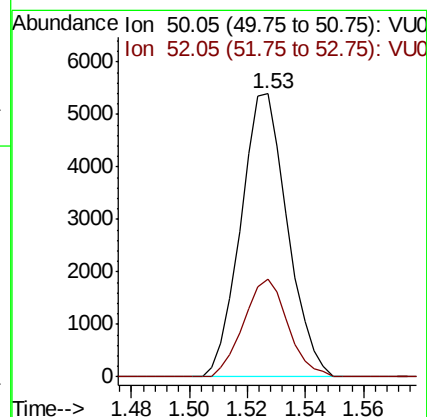
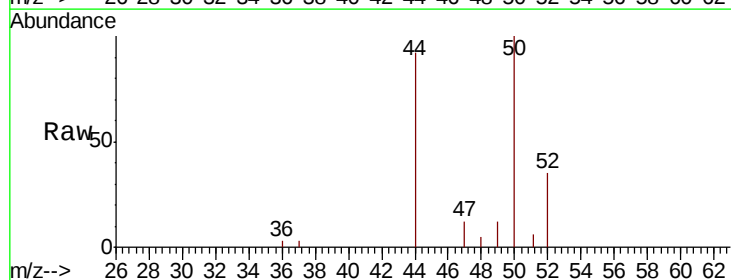
Acq: 25 Nov 2020 12:08

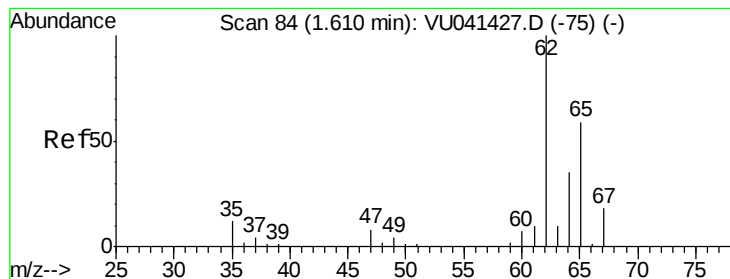
Tgt Ion: 50 Resp: 6022

Ion Ratio Lower Upper

50 100

52 34.6 23.4 43.4





#5

Vinyl chloride

Concen: 1.019 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

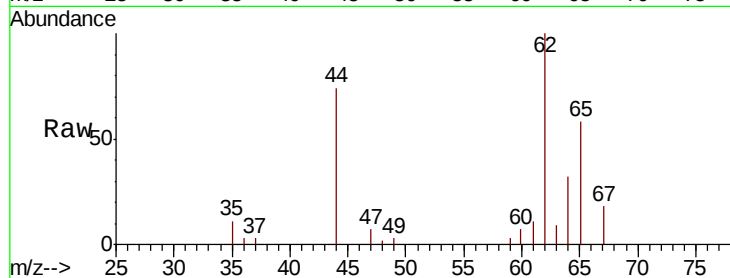
VSTD001104

Tot Ion: 62 Resp: 5568

Ion Ratio Lower Upper

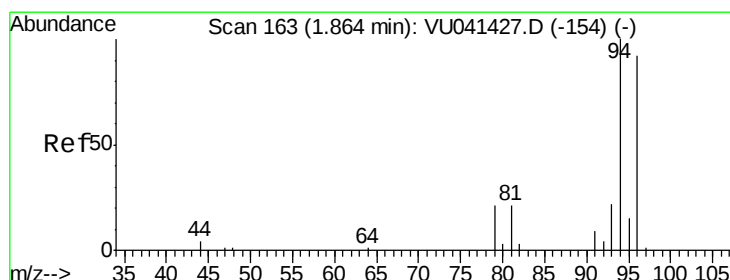
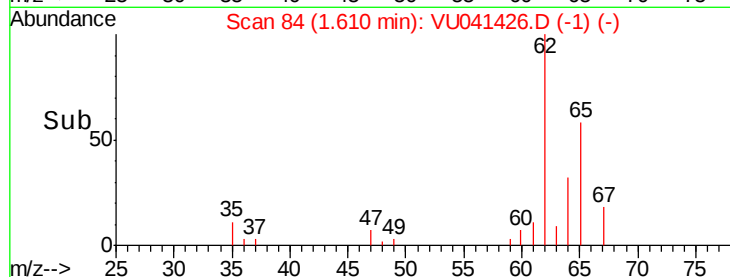
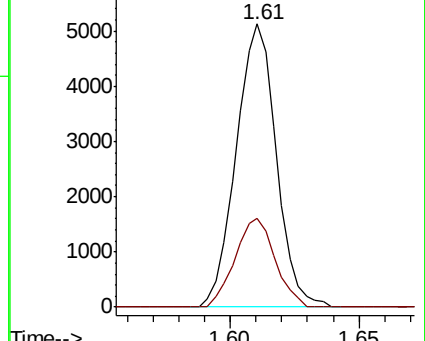
62 100

64 31.6 24.3 45.1



Abundance Ion 62.00 (61.70 to 62.70): VU041426.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU041426.D (-75) (-)



#6

Bromomethane

Concen: 0.951 ug/L

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU041426.D

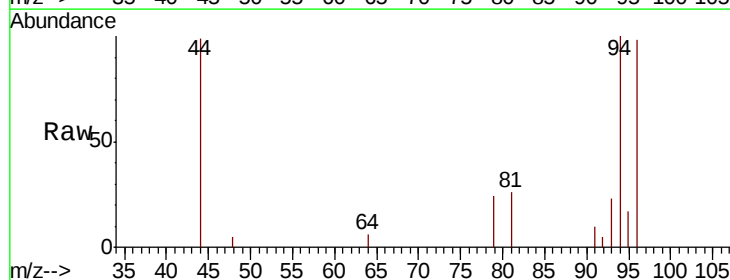
Acq: 25 Nov 2020 12:08

Tgt Ion: 94 Resp: 2810

Ion Ratio Lower Upper

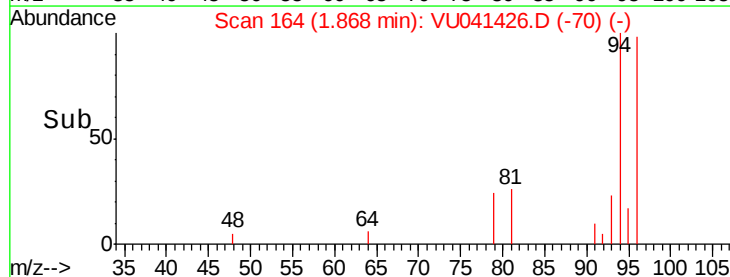
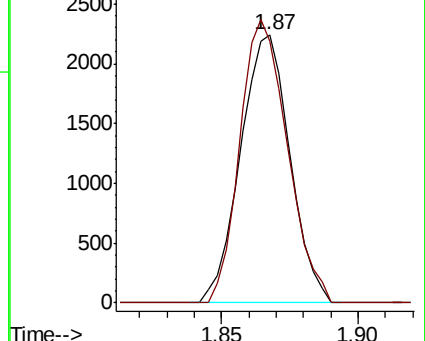
94 100

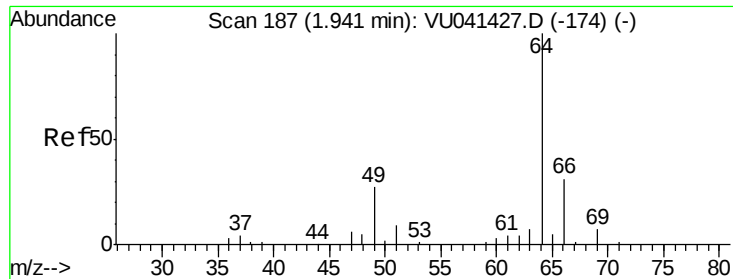
96 97.7 64.5 119.9



Abundance Ion 94.00 (93.70 to 94.70): VU041426.D (-154) (-)

Ion 96.00 (95.70 to 96.70): VU041426.D (-154) (-)





#8

Chloroethane

Concen: 1.109 ug/L

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

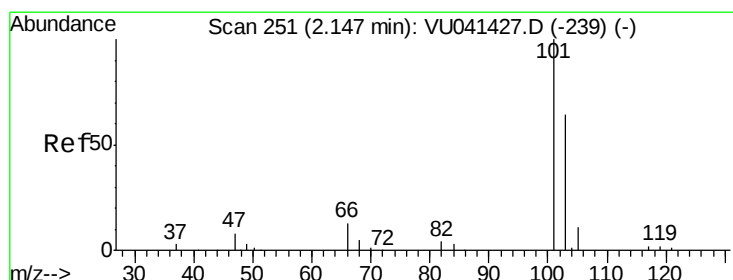
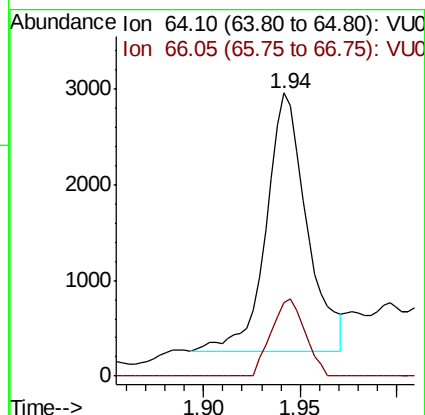
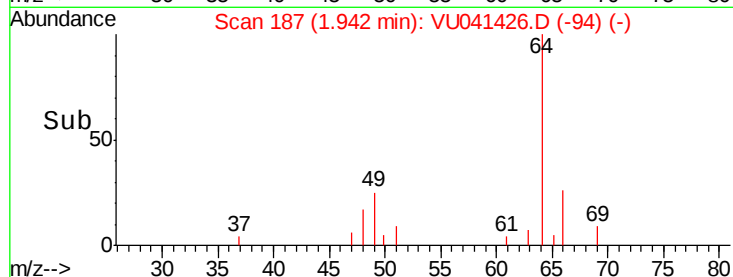
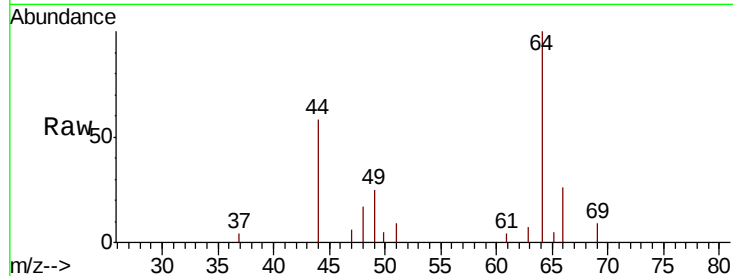
VSTD001104

Tot Ion: 64 Resp: 3936

Ion Ratio Lower Upper

64 100

66 26.2 21.8 40.4



#9

Trichlorofluoromethane

Concen: 1.211 ug/L

RT: 2.15 min Scan# 251

Delta R.T. 0.00 min

Lab File: VU041426.D

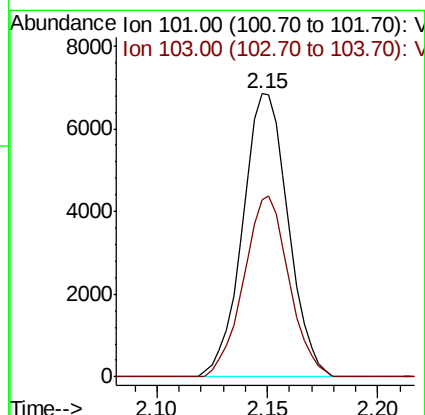
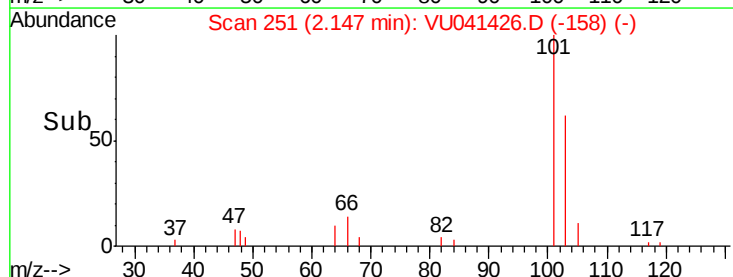
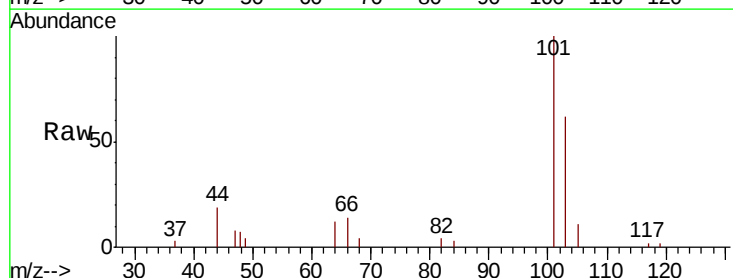
Acq: 25 Nov 2020 12:08

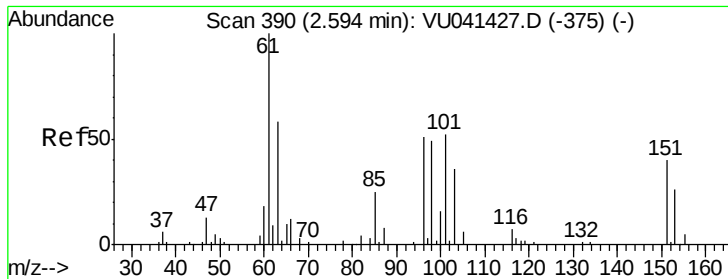
Tgt Ion: 101 Resp: 9874

Ion Ratio Lower Upper

101 100

103 63.2 51.1 76.7





#10

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

Concen: 1.044 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001104

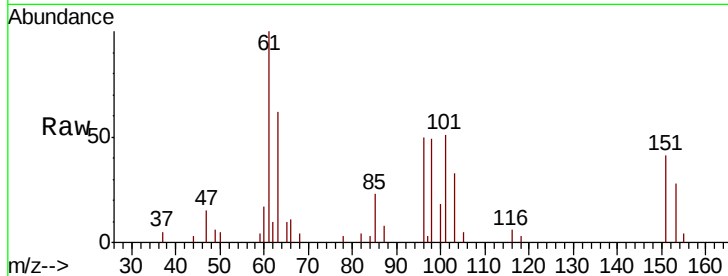
Tot Ion:101 Resp: 4690

Ion Ratio Lower Upper

101 100

85 39.9 37.8 56.6

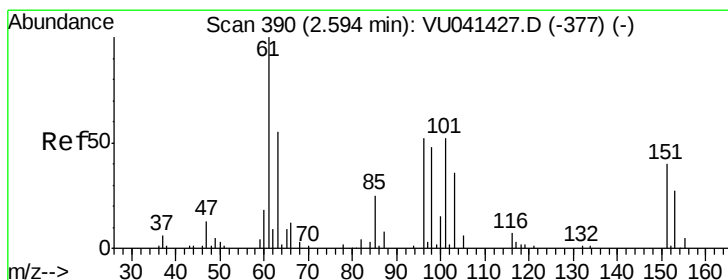
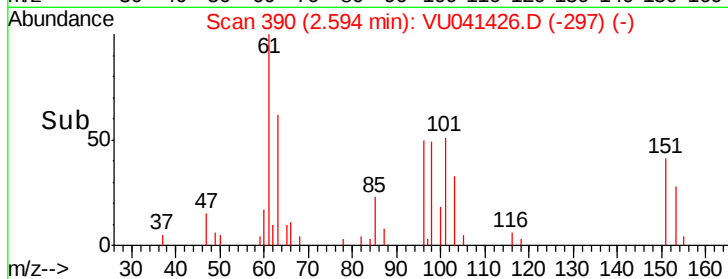
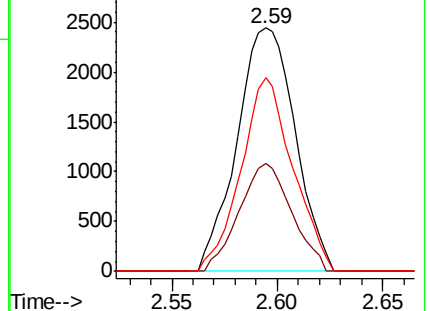
151 70.8 59.6 89.4



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: 0.879 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

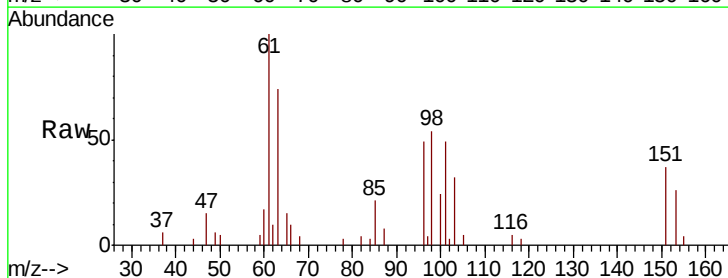
Tgt Ion: 96 Resp: 3674

Ion Ratio Lower Upper

96 100

61 202.0 136.1 252.7

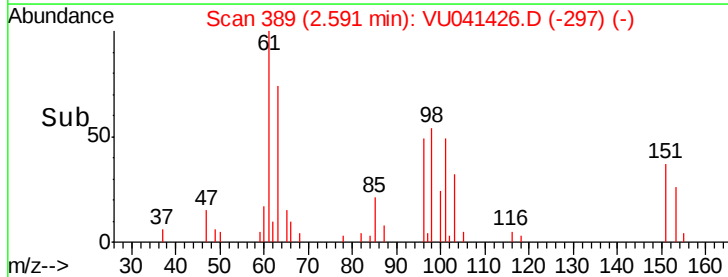
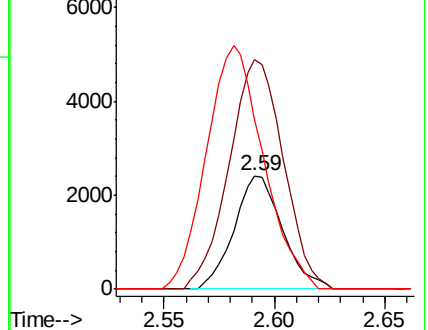
63 149.4 79.5 147.6#

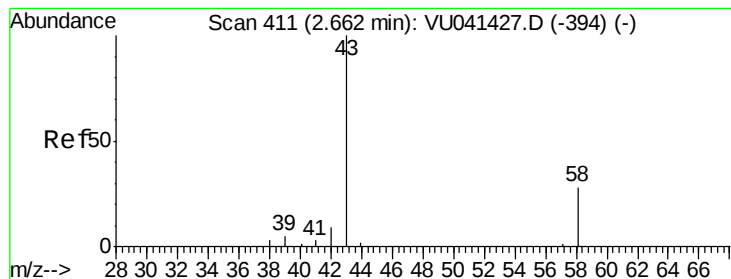


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 9.331 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

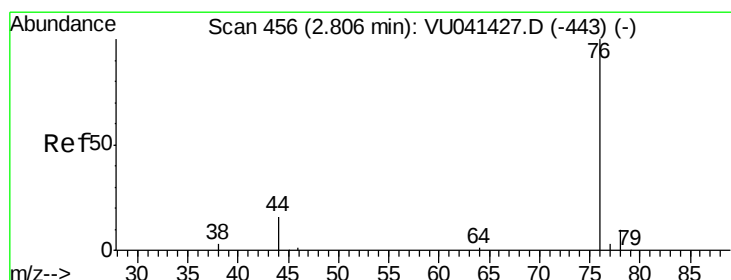
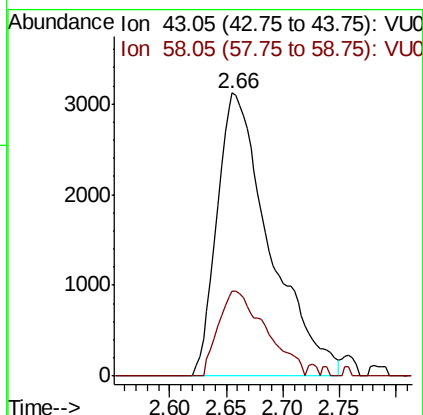
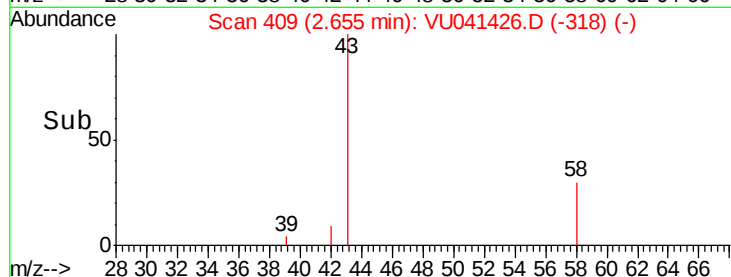
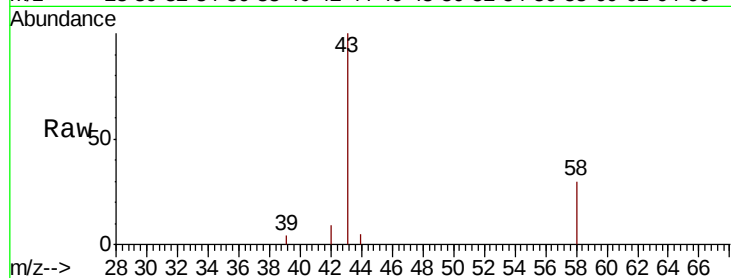
VSTD001104

Tot Ion: 43 Resp: 10109

Ion Ratio Lower Upper

43 100

58 27.0 0.0 58.8



#14

Carbon disulfide

Concen: 0.845 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU041426.D

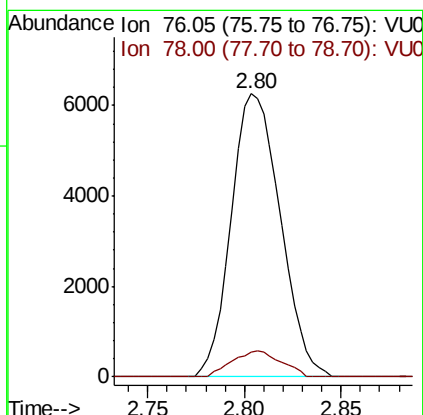
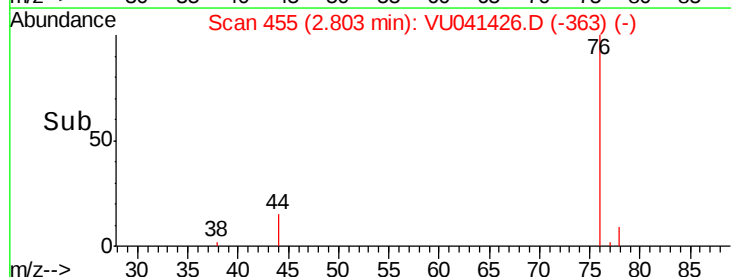
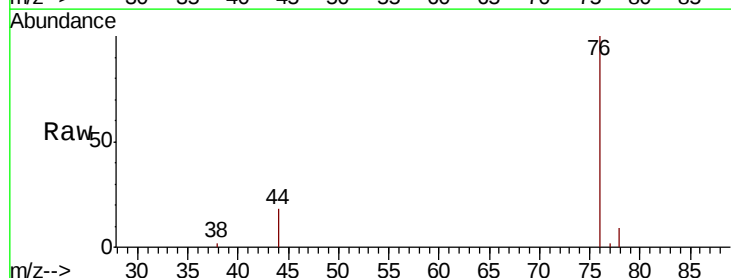
Acq: 25 Nov 2020 12:08

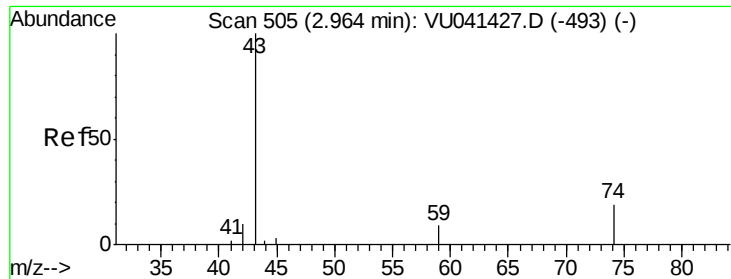
Tgt Ion: 76 Resp: 11048

Ion Ratio Lower Upper

76 100

78 8.6 7.8 11.6

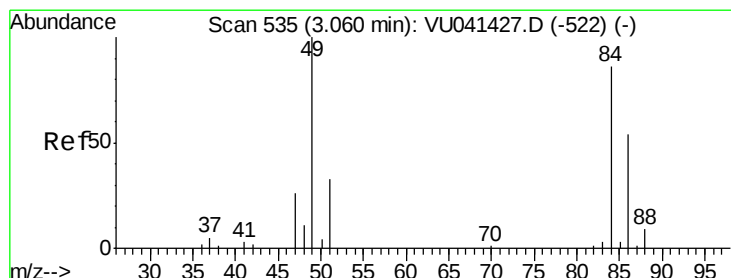
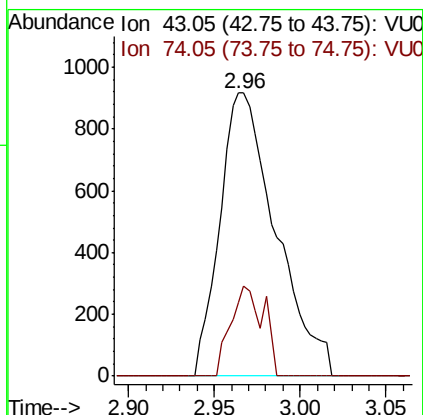
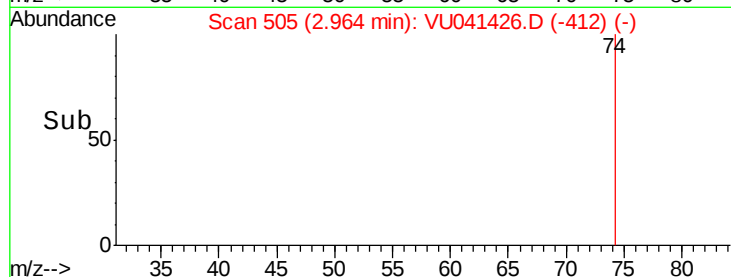
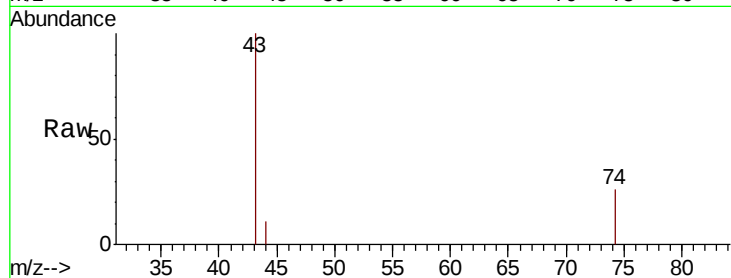




#15
Methyl Acetate
Concen: 0.844 ug/L
RT: 2.96 min Scan# 505
Delta R.T. 0.00 min
Lab File: VU041426.D
Acq: 25 Nov 2020 12:08

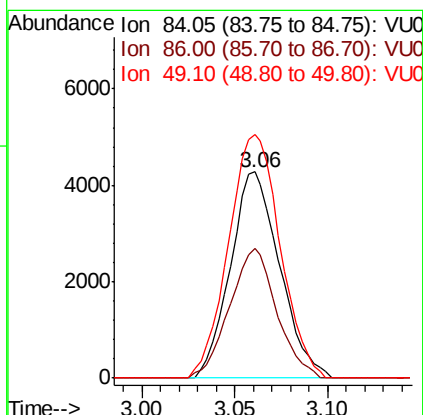
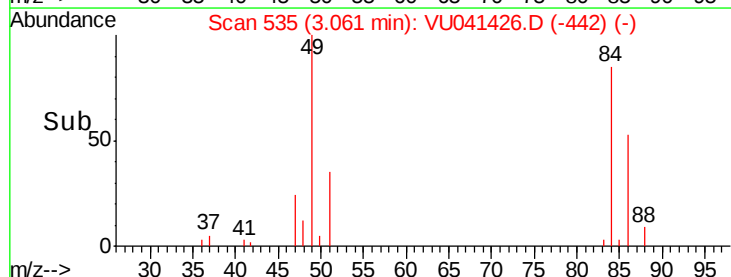
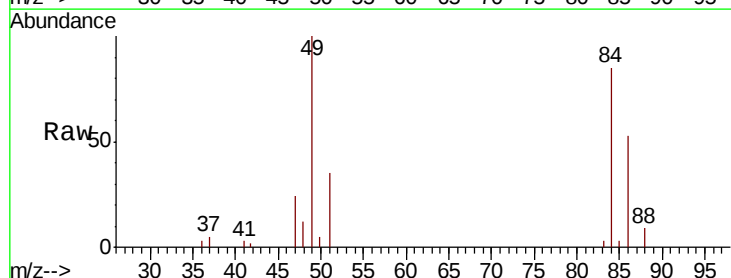
Instrument :
MSVOA_U
ClientSampleId :
VSTD001104

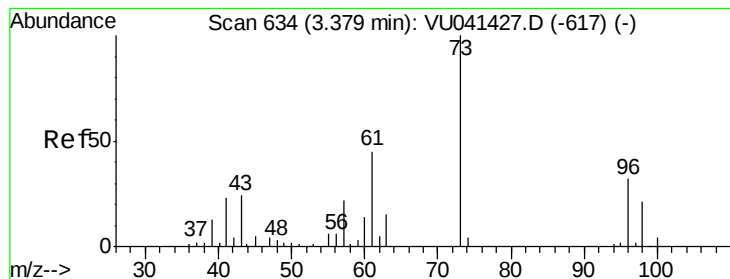
Tot Ion: 43 Resp: 2080
Ion Ratio Lower Upper
43 100
74 18.5 18.0 27.0



#16
Methylene chloride
Concen: 1.580 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041426.D
Acq: 25 Nov 2020 12:08

Tgt Ion: 84 Resp: 7901
Ion Ratio Lower Upper
84 100
86 62.7 44.5 82.7
49 118.0 81.8 152.0





#17

Methvl tert-butvl Ether

Concen: 0.937 ug/L

RT: 3.38 min Scan# 634

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001104

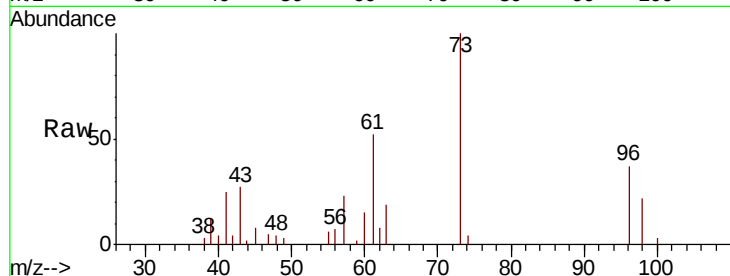
Tot Ion: 73 Resp: 10390

Ion Ratio Lower Upper

73 100

43 23.9 19.8 29.8

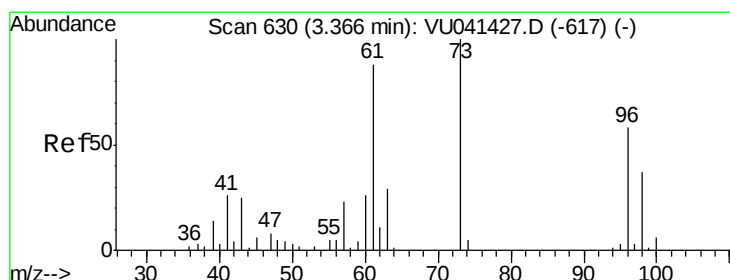
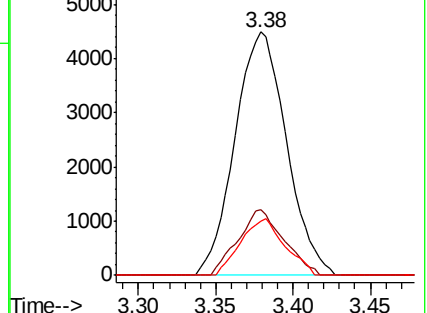
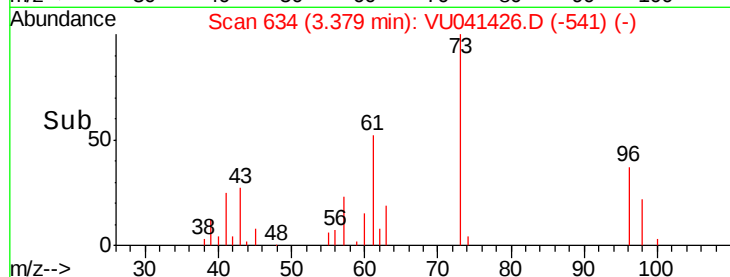
57 20.0 17.6 26.4



Abundance Ion 73.10 (72.80 to 73.80): VU041426.D (-541) (-)

Ion 43.05 (42.75 to 43.75): VU041426.D (-541) (-)

Ion 57.10 (56.80 to 57.80): VU041426.D (-541) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.942 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

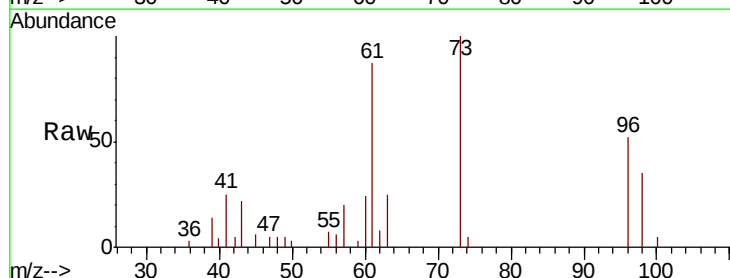
Tgt Ion: 96 Resp: 4024

Ion Ratio Lower Upper

96 100

61 168.4 106.4 197.6

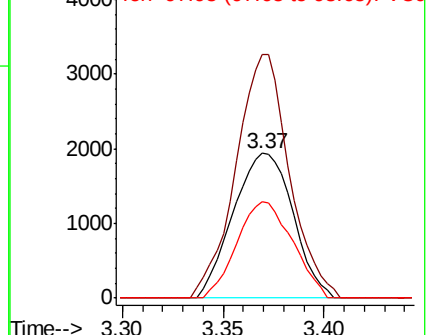
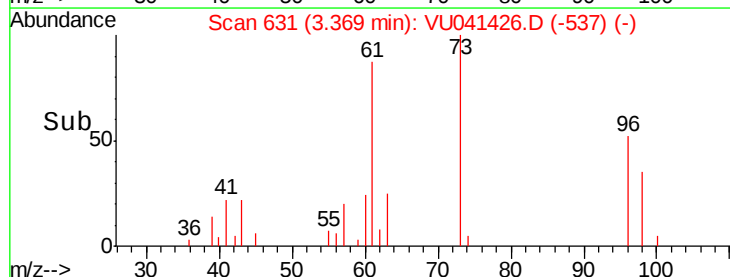
98 66.7 44.4 82.4

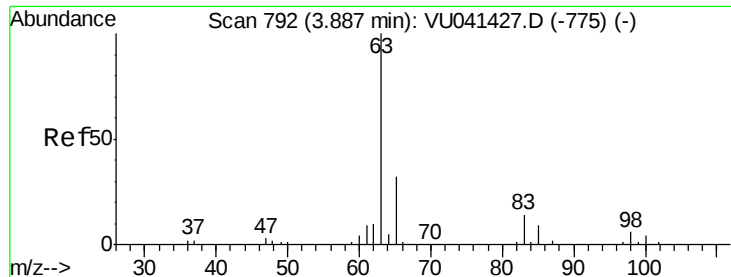


Abundance Ion 96.00 (95.70 to 96.70): VU041426.D (-537) (-)

Ion 61.05 (60.75 to 61.75): VU041426.D (-537) (-)

Ion 97.95 (97.65 to 98.65): VU041426.D (-537) (-)

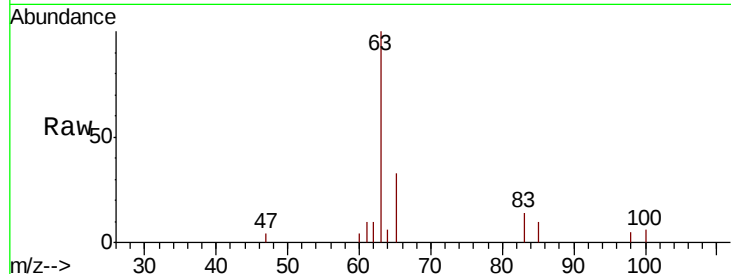




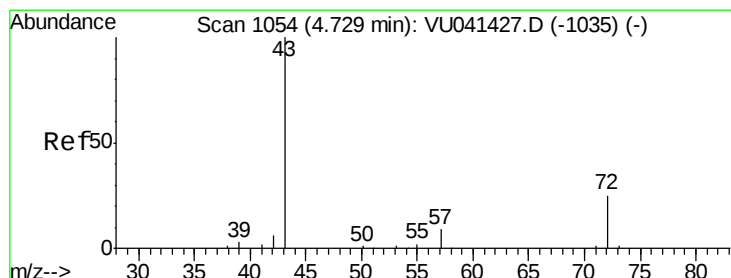
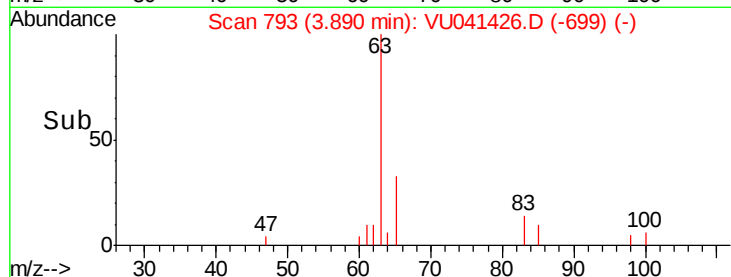
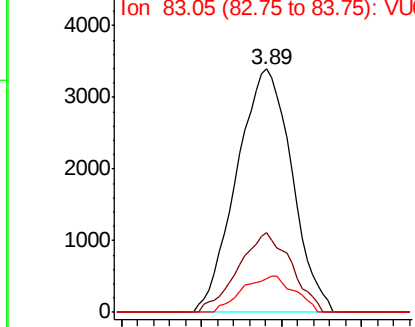
#19
 1,1-Dichloroethane
 Concen: 0.912 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001104

Tot Ion: 63 Resp: 8032
 Ion Ratio Lower Upper
 63 100
 65 32.5 22.3 41.3
 83 13.7 9.9 18.3

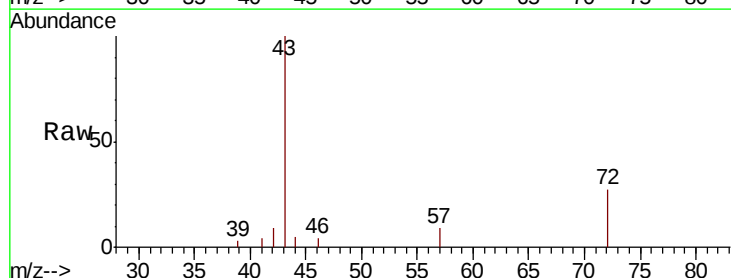


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

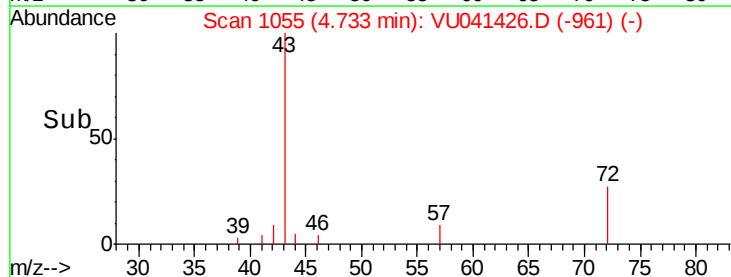
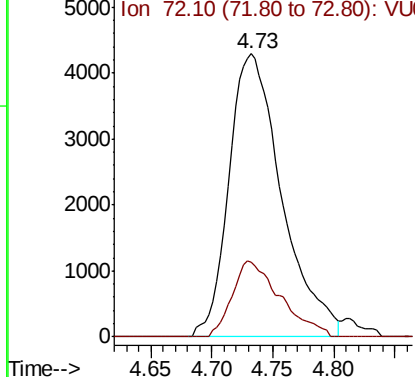


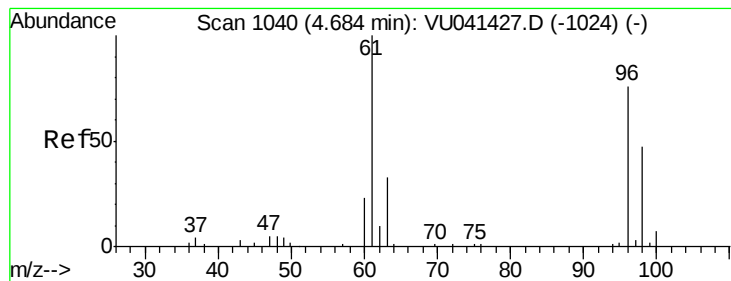
#21
 2-Butanone
 Concen: 7.571 ug/L
 RT: 4.73 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

Tgt Ion: 43 Resp: 12917
 Ion Ratio Lower Upper
 43 100
 72 24.5 13.4 40.1



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.929 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001104

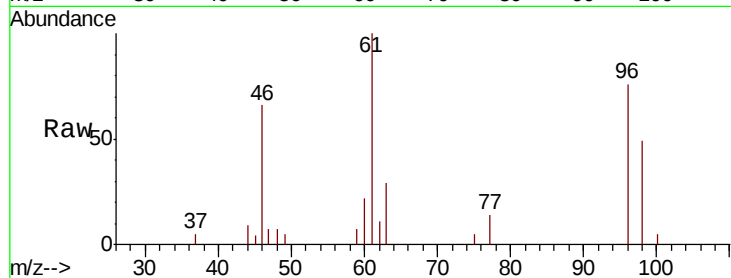
Tot Ion: 96 Resp: 4283

Ion Ratio Lower Upper

96 100

61 132.0 92.3 171.3

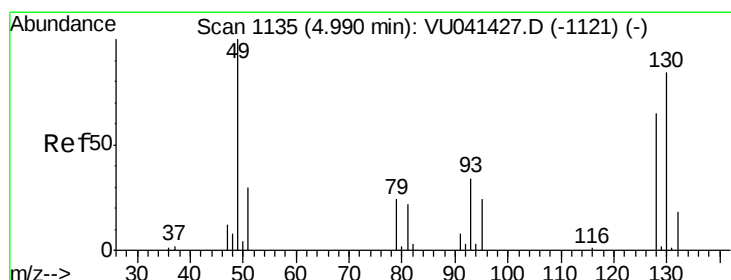
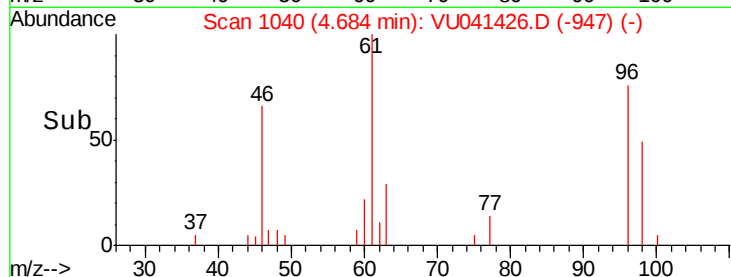
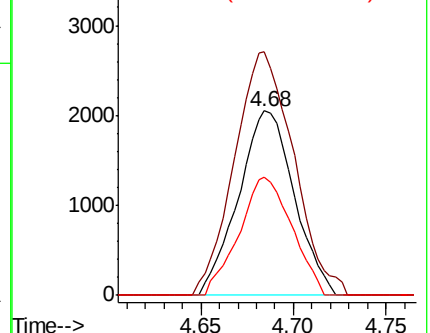
98 64.2 43.5 80.7



Abundance Ion 96.00 (95.70 to 96.70): VU041426.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU041426.D (-947) (-)

Ion 98.00 (97.70 to 98.70): VU041426.D (-947) (-)



#23

Bromochloromethane

Concen: 0.912 ug/L

RT: 4.99 min Scan# 1135

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Tgt Ion: 128 Resp: 1988

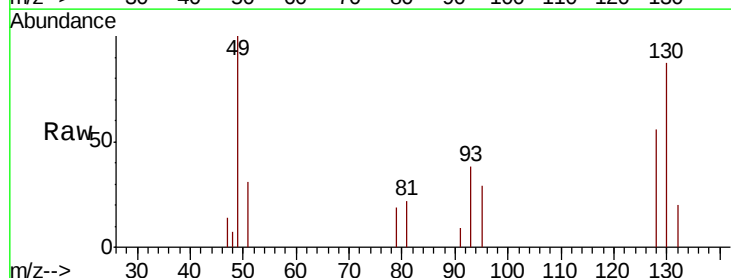
Ion Ratio Lower Upper

128 100

49 178.8 108.4 201.4

130 155.8 91.2 169.4

51 56.3 37.8 56.6

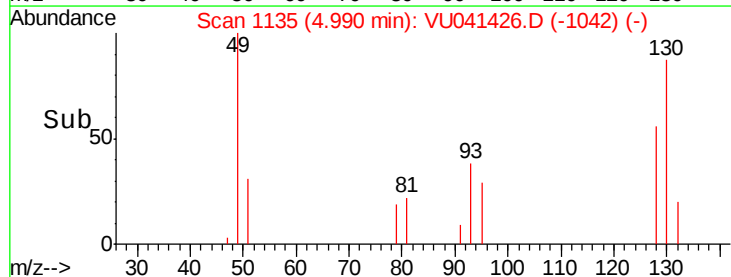
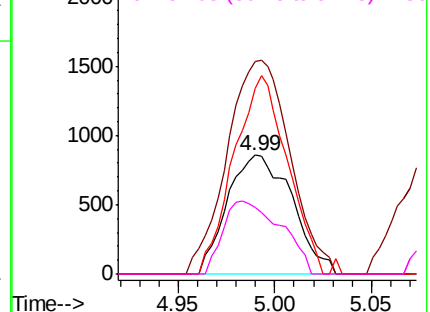


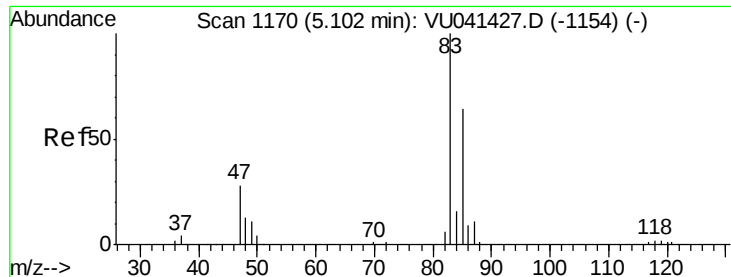
Abundance Ion 127.90 (127.60 to 128.60): VU041426.D (-1042) (-)

Ion 49.10 (48.80 to 49.80): VU041426.D (-1042) (-)

Ion 129.95 (129.65 to 130.65): VU041426.D (-1042) (-)

Ion 51.05 (50.75 to 51.75): VU041426.D (-1042) (-)

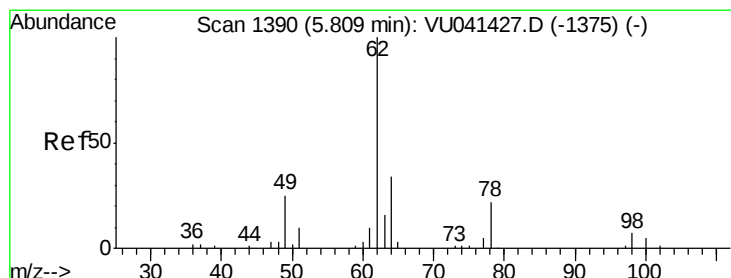
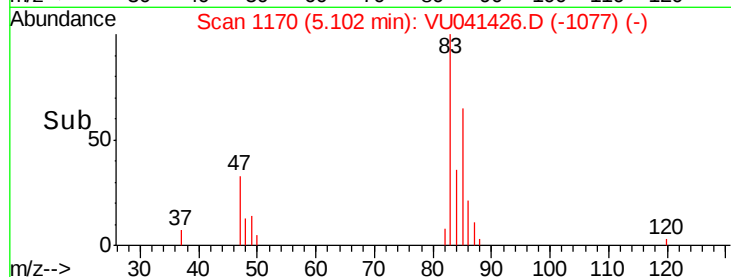
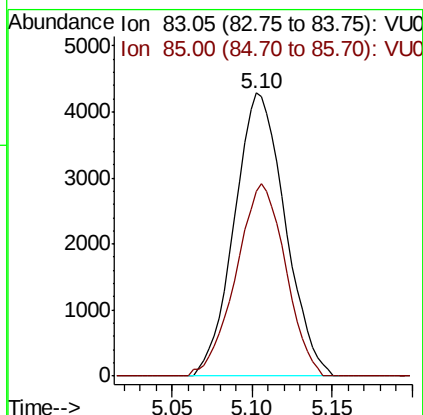
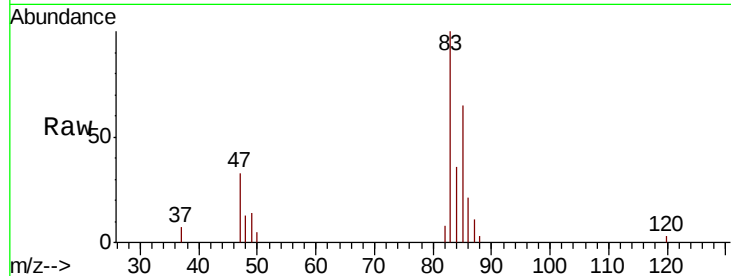




#25
Chloroform
Concen: 1.016 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VU041426.D
Acq: 25 Nov 2020 12:08

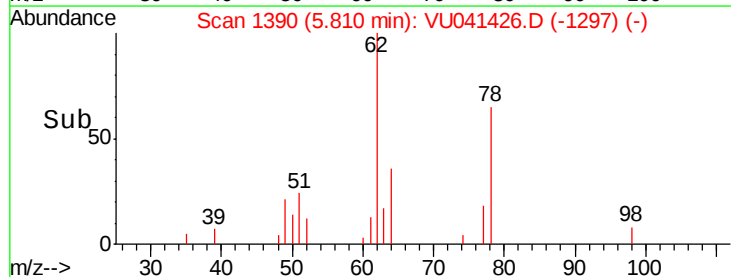
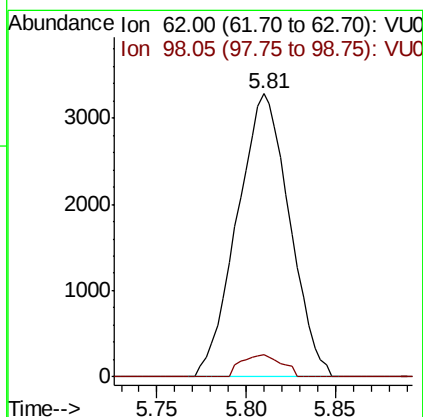
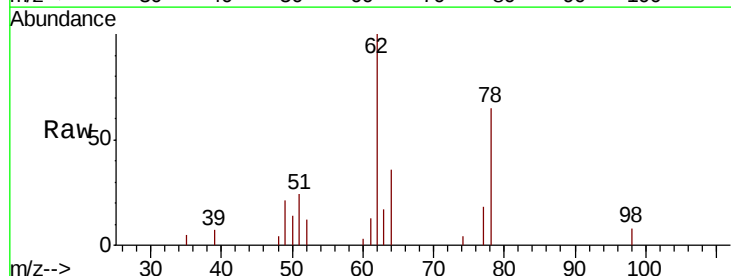
Instrument :
MSVOA_U
ClientSampleId :
VSTD001104

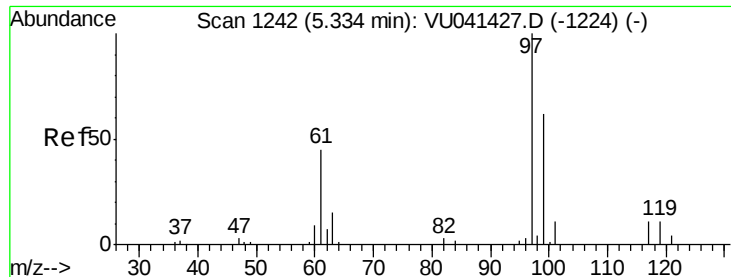
Tot Ion: 83 Resp: 9310
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.9



#27
1,2-Dichloroethane
Concen: 1.001 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU041426.D
Acq: 25 Nov 2020 12:08

Tgt Ion: 62 Resp: 6723
Ion Ratio Lower Upper
62 100
98 7.8 5.8 8.6

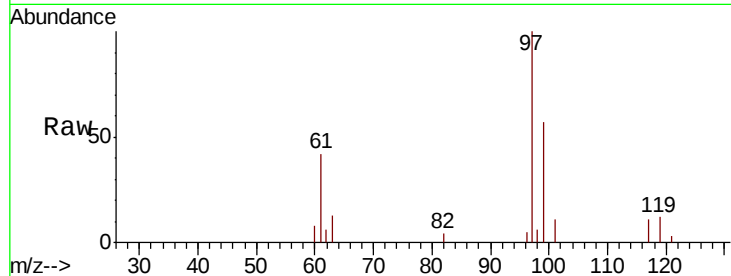




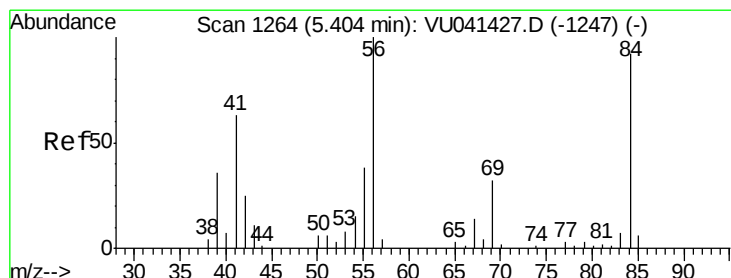
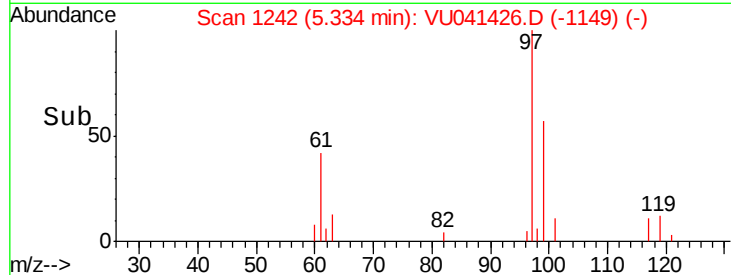
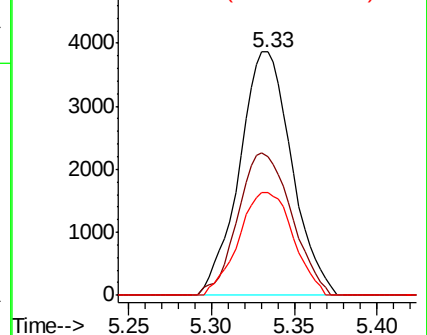
#29
 1,1,1-Trichloroethane
 Concen: 1.053 ug/L
 RT: 5.33 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001104

Tot Ion: 97 Resp: 8485
 Ion Ratio Lower Upper
 97 100
 99 60.0 50.7 76.1
 61 43.9 36.9 55.3

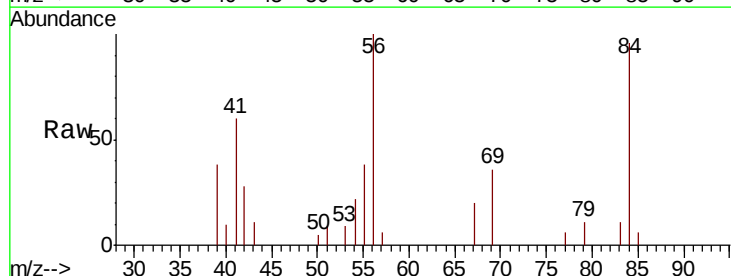


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

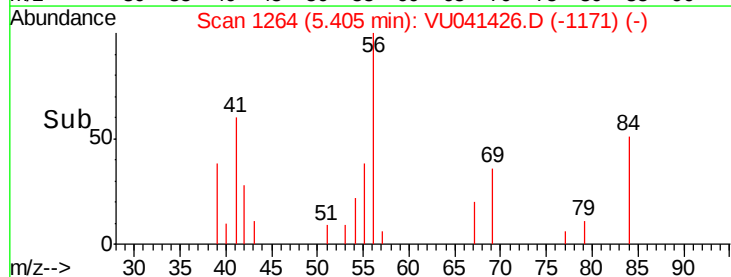
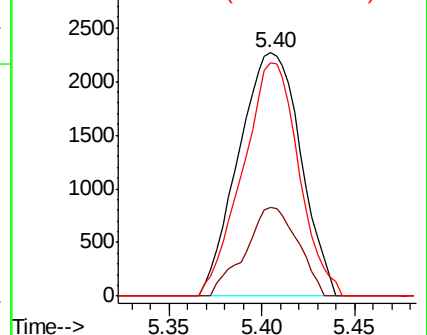


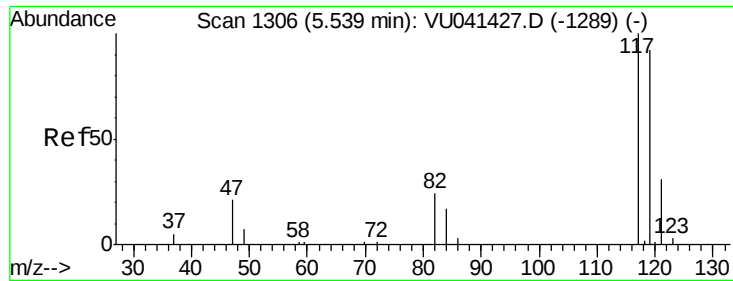
#30
 Cyclohexane
 Concen: 0.751 ug/L
 RT: 5.40 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

Tgt Ion: 56 Resp: 5287
 Ion Ratio Lower Upper
 56 100
 69 30.9 25.2 37.8
 84 86.5 70.8 106.2



Abundance Ion 56.10 (55.80 to 56.80): VU0
 Ion 69.15 (68.85 to 69.85): VU0
 Ion 84.15 (83.85 to 84.85): VU0

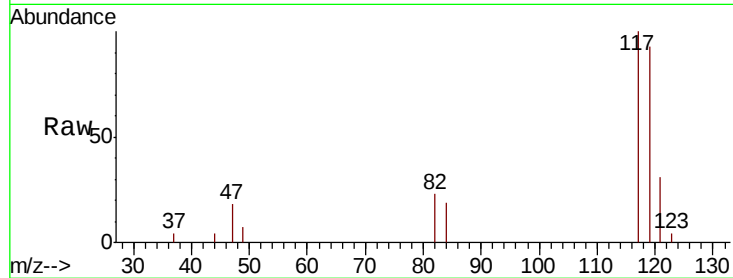




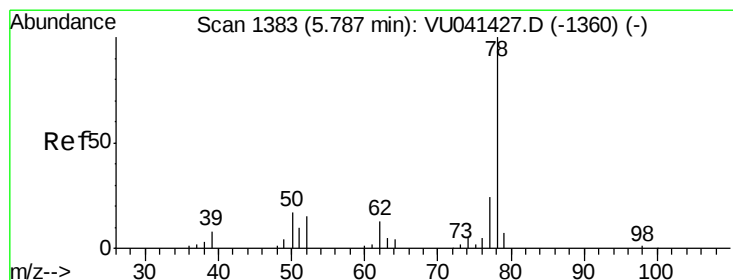
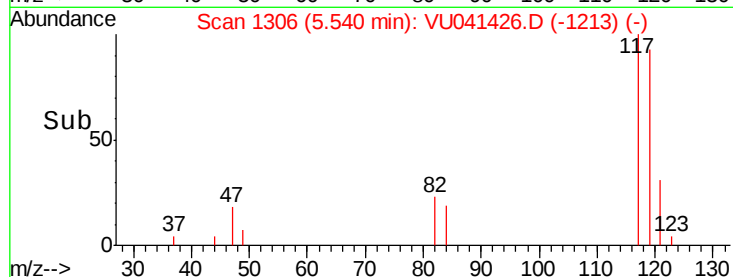
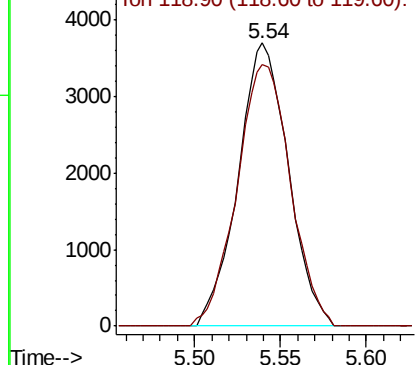
#31
Carbon tetrachloride
Concen: 1.075 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041426.D
Acq: 25 Nov 2020 12:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD001104

Tot Ion:117 Resp: 7488
Ion Ratio Lower Upper
117 100
119 98.3 77.2 115.8

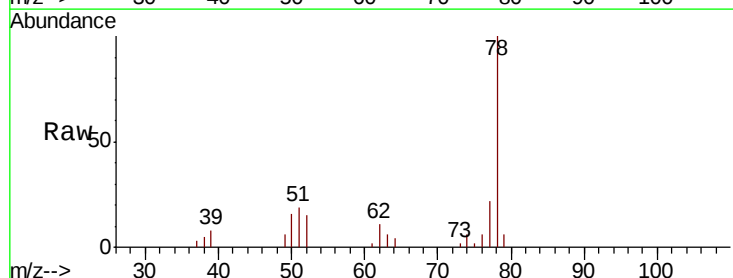


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

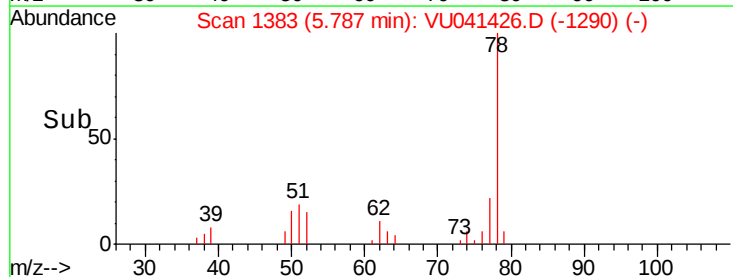
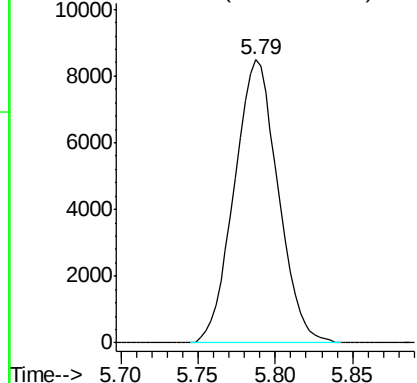


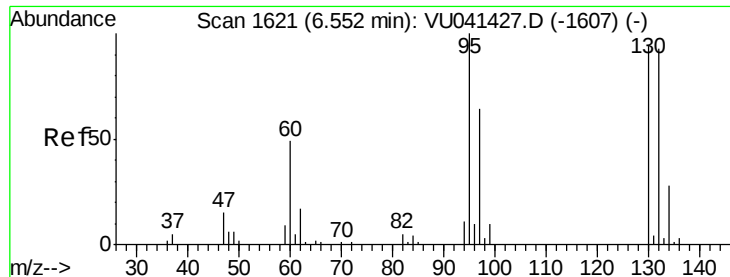
#33
Benzene
Concen: 0.927 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU041426.D
Acq: 25 Nov 2020 12:08

Tgt Ion: 78 Resp: 16696



Abundance Ion 78.10 (77.80 to 78.80): VU0

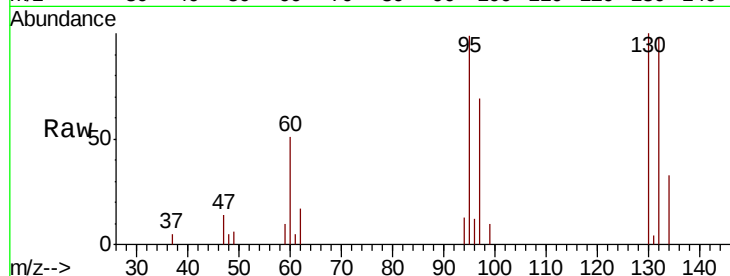




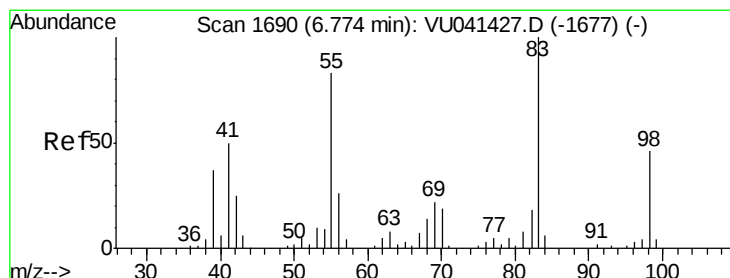
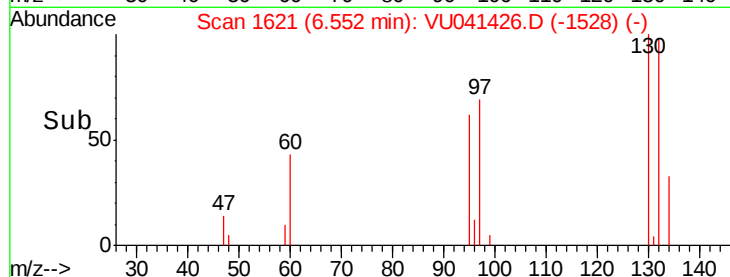
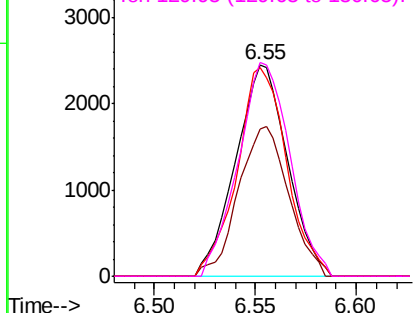
#34
 Trichloroethene
 Concen: 0.902 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001104

Tot Ion: 95 Resp: 4410
 Ion Ratio Lower Upper
 95 100
 97 69.4 44.8 83.2
 132 98.7 64.8 120.4
 130 100.9 65.8 122.2

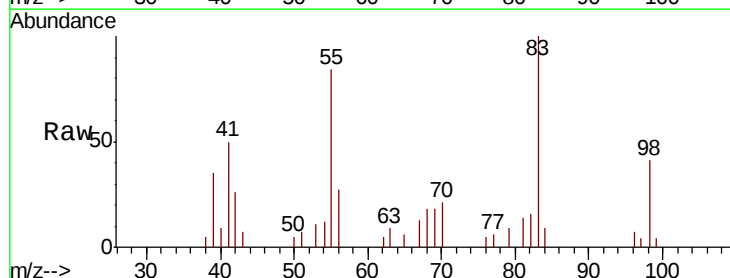


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

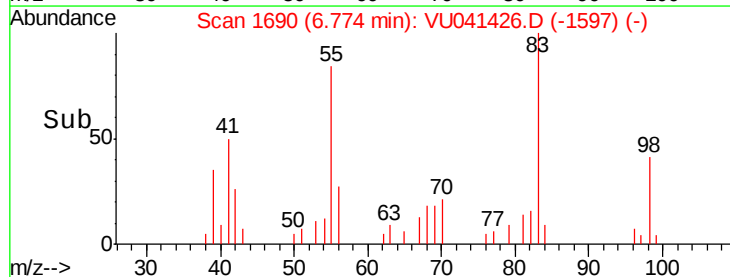
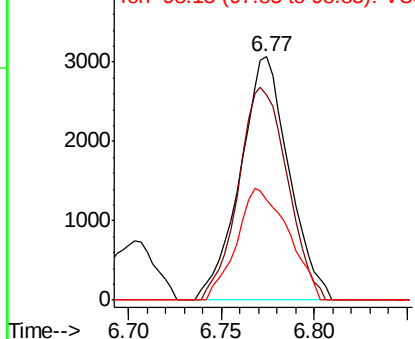


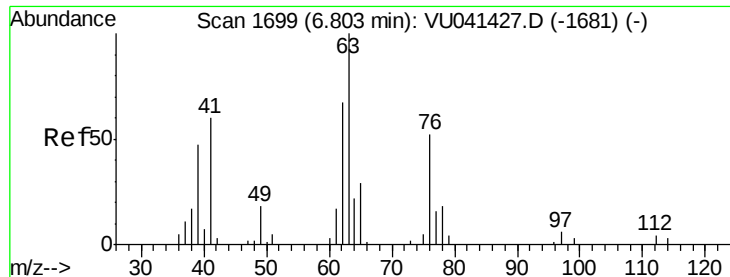
#35
 Methylcyclohexane
 Concen: 0.823 ug/L
 RT: 6.77 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

Tgt Ion: 83 Resp: 5609
 Ion Ratio Lower Upper
 83 100
 55 87.7 66.5 99.7
 98 48.7 36.8 55.2



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: 0.894 ug/L

RT: 6.80 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

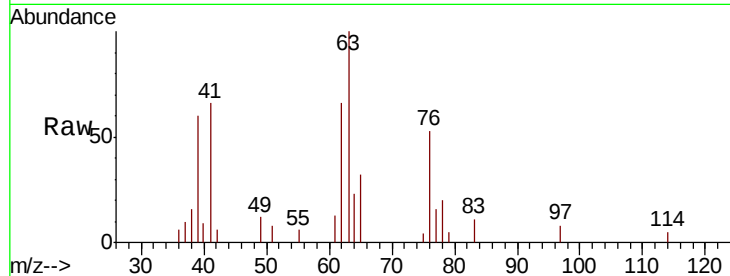
VSTD001104

Tot Ion: 63 Resp: 4509

Ion Ratio Lower Upper

63 100

112 0.9 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU041427.D (-1681) (-)

Ion 112.10 (111.80 to 112.80): VU041427.D (-1681) (-)

6.80

2500

2000

1500

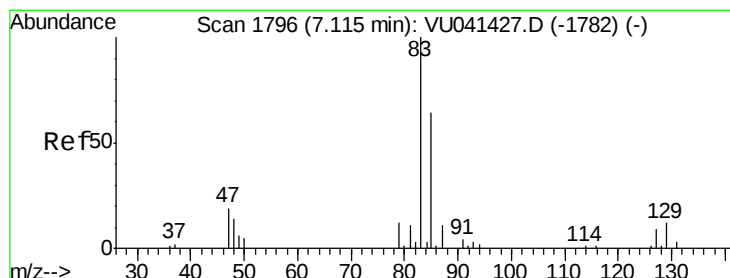
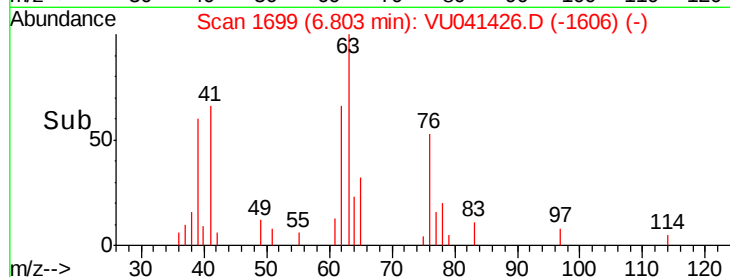
1000

500

0

6.75 6.80 6.85

Time-->



#38

Bromodichloromethane

Concen: 1.048 ug/L

RT: 7.12 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

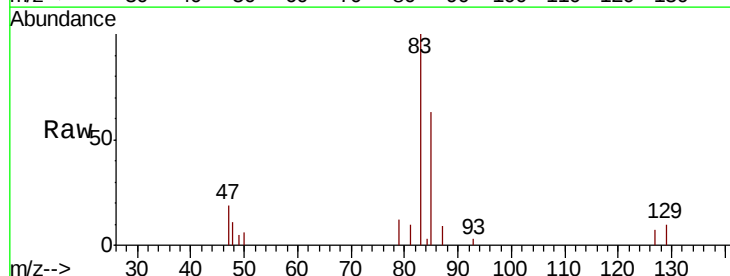
Tgt Ion: 83 Resp: 6904

Ion Ratio Lower Upper

83 100

85 62.8 44.7 83.1

127 6.8 7.2 10.8#



Abundance Ion 82.95 (82.65 to 83.65): VU041427.D (-1782) (-)

Ion 85.00 (84.70 to 85.70): VU041427.D (-1782) (-)

Ion 126.90 (126.60 to 127.60): VU041427.D (-1782) (-)

7.12

5000

4000

3000

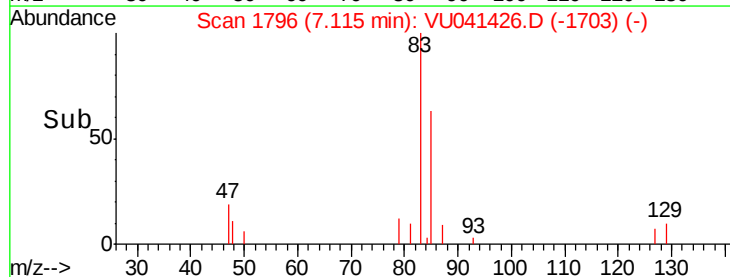
2000

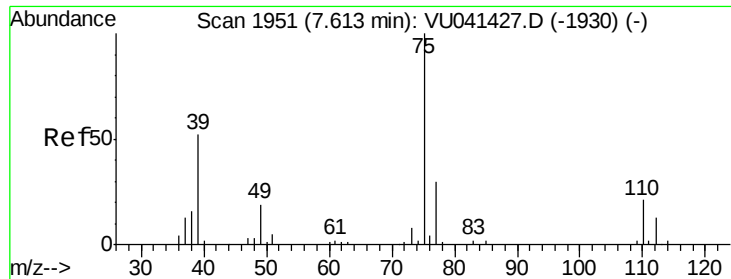
1000

0

7.05 7.10 7.15

Time-->

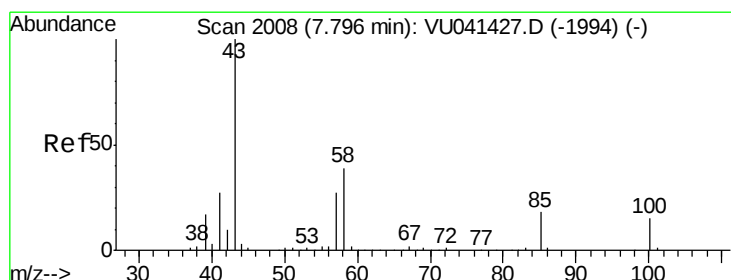
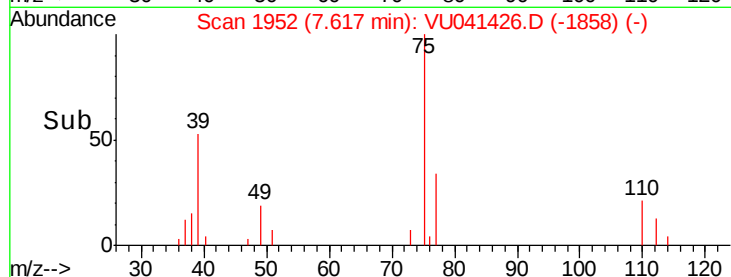
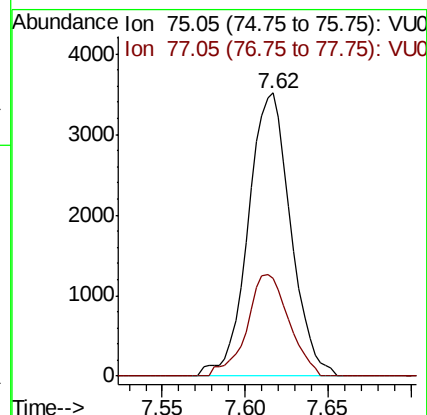
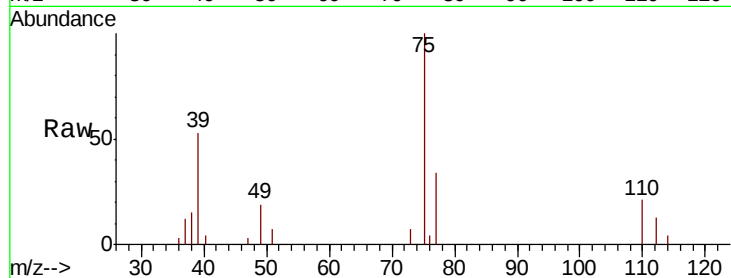




#39
 cis-1,3-Dichloropropene
 Concen: 0.904 ug/L
 RT: 7.62 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

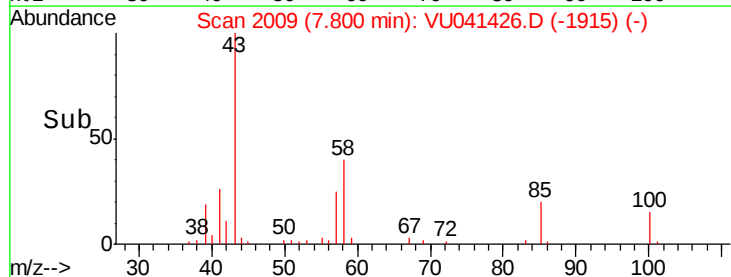
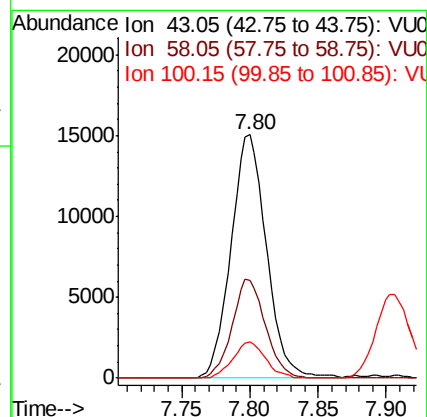
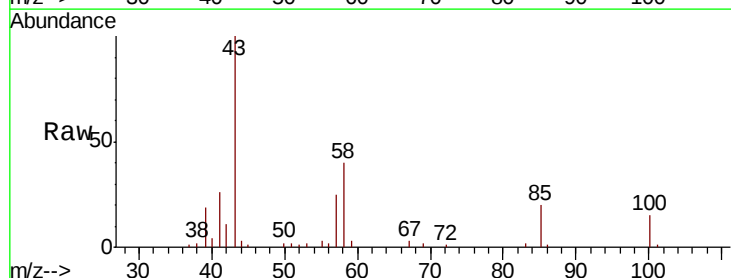
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001104

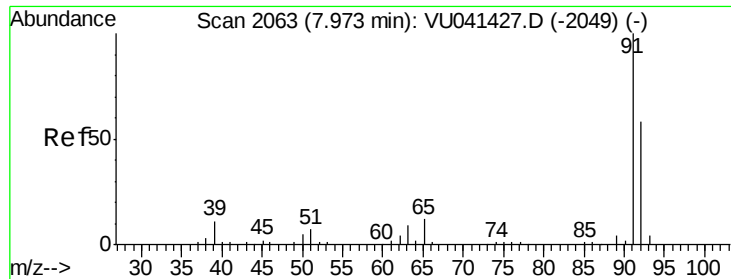
Tot Ion: 75 Resp: 6274
 Ion Ratio Lower Upper
 75 100
 77 34.3 21.0 39.0



#40
 4-Methyl-2-pentanone
 Concen: 7.250 ug/L
 RT: 7.80 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

Tgt Ion: 43 Resp: 27180
 Ion Ratio Lower Upper
 43 100
 58 38.0 31.0 46.6
 100 13.6 12.0 18.0





#42

Toluene

Concen: 0.902 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

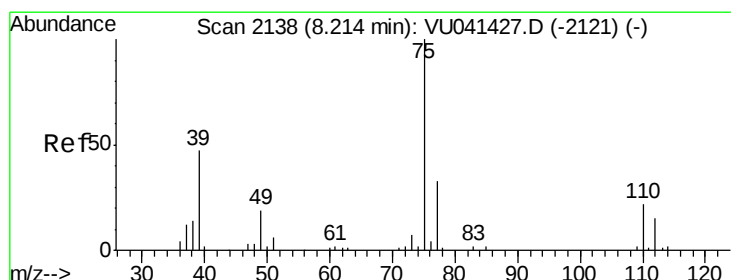
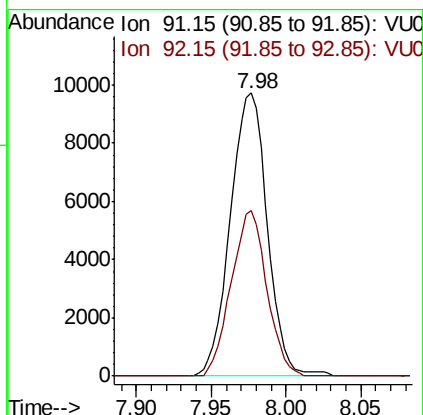
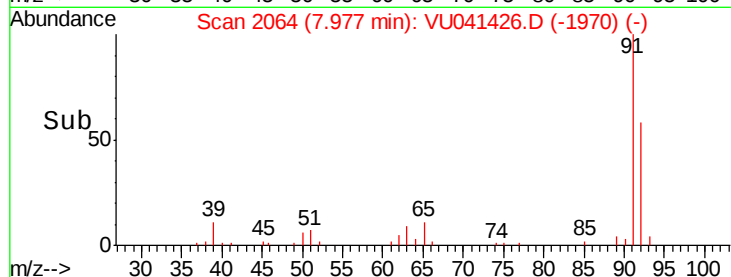
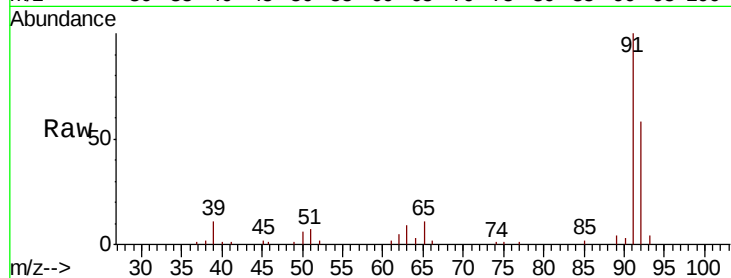
VSTD001104

Tot Ion: 91 Resp: 16741

Ion Ratio Lower Upper

91 100

92 58.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 0.927 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU041426.D

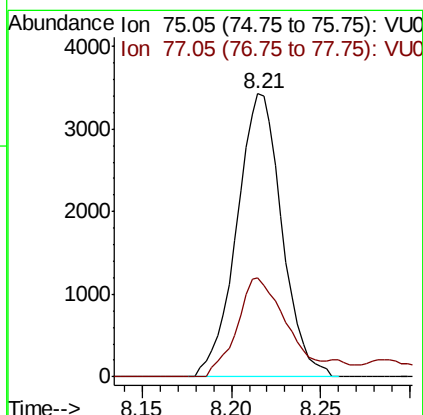
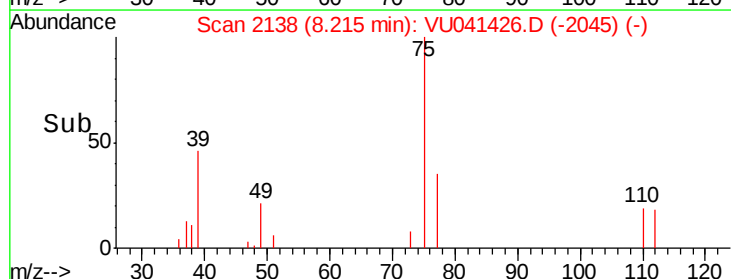
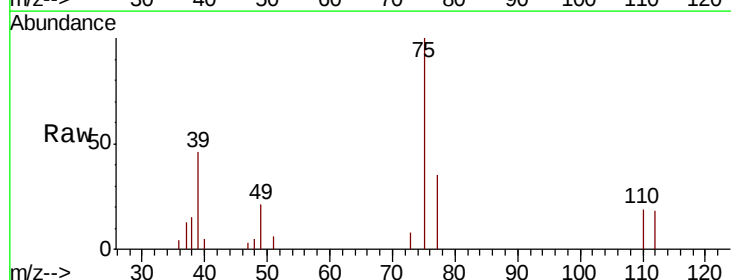
Acq: 25 Nov 2020 12:08

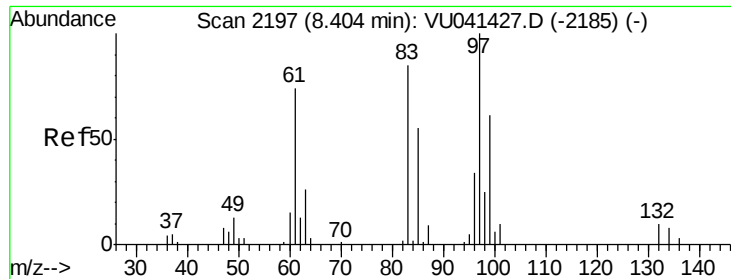
Tgt Ion: 75 Resp: 6035

Ion Ratio Lower Upper

75 100

77 35.0 22.9 42.5

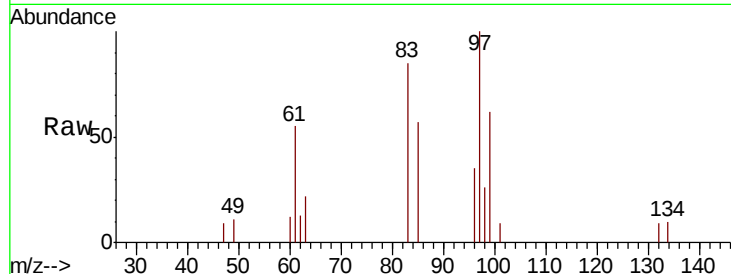




#45
 1,1,2-Trichloroethane
 Concen: 0.906 ug/L
 RT: 8.41 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001104

Tot Ion:	97	Resp:	3301
Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.5	78.9
83	85.2	59.8	111.1
85	56.8	38.1	70.9



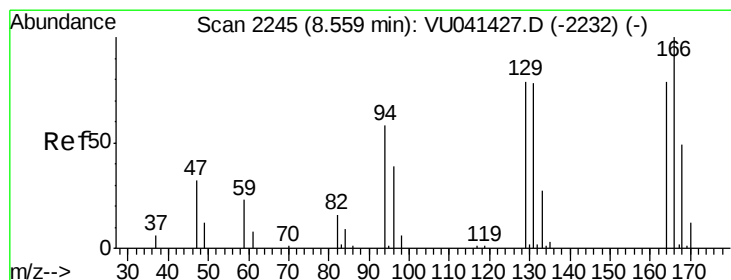
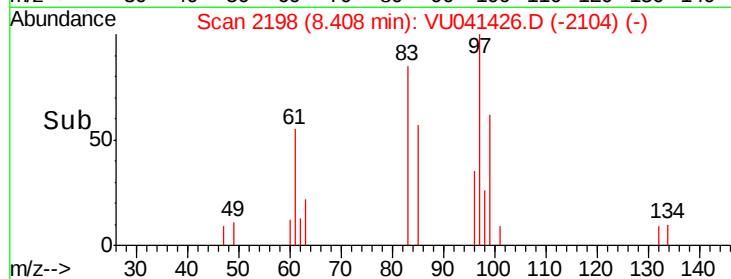
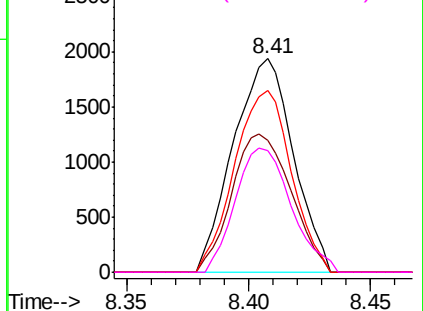
Abundance

Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

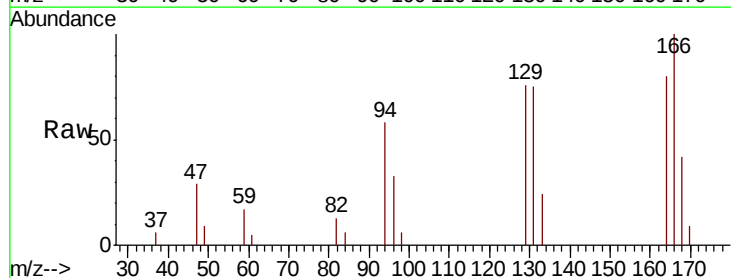
Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47
 Tetrachloroethene
 Concen: 0.976 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

Tgt Ion:	164	Resp:	3345
Ion	Ratio	Lower	Upper
164	100		
129	94.9	70.0	130.0
131	94.0	68.6	127.4
166	124.6	88.3	164.1



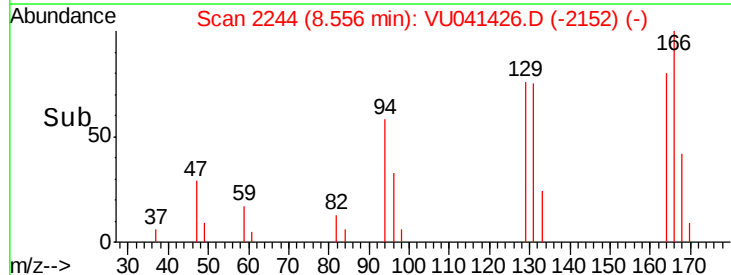
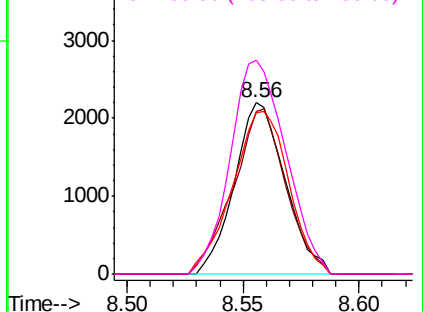
Abundance

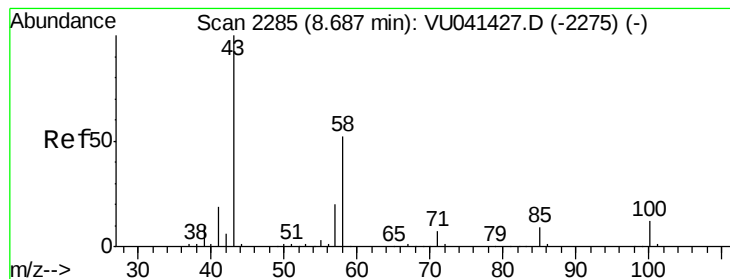
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#48

2-Hexanone

Concen: 6.285 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001104

Tot Ion: 43 Resp: 17677

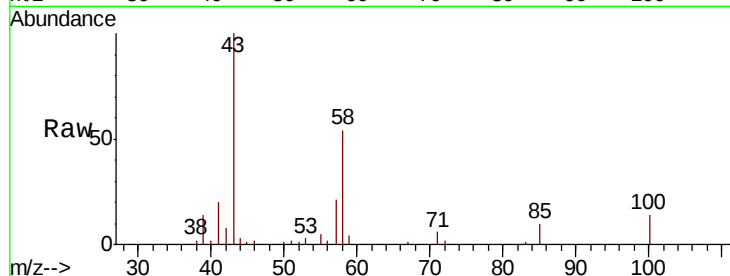
Ion Ratio Lower Upper

43 100

58 54.1 42.0 63.0

57 20.0 16.0 24.0

100 12.6 9.3 13.9



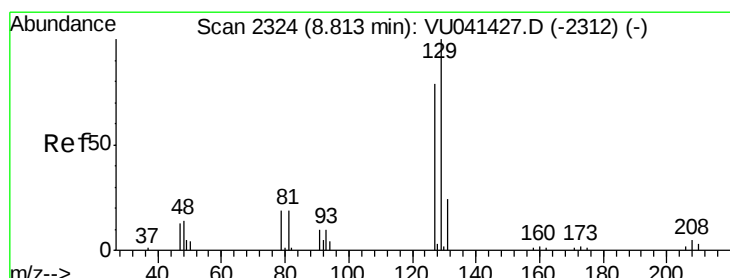
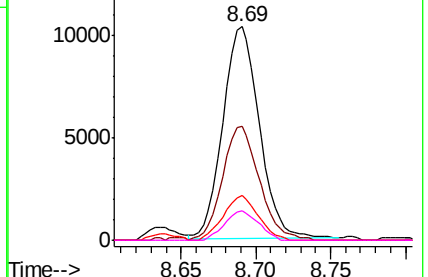
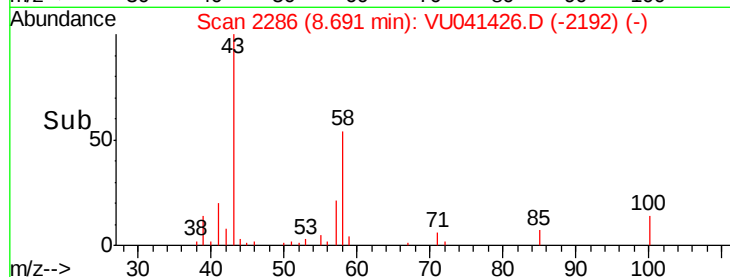
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

Time-->



#49

Dibromochloromethane

Concen: 0.947 ug/L

RT: 8.81 min Scan# 2324

Delta R.T. 0.00 min

Lab File: VU041426.D

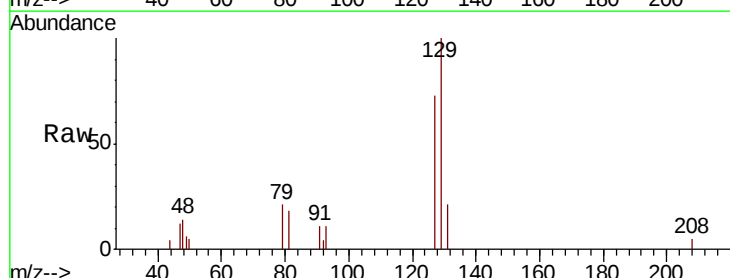
Acq: 25 Nov 2020 12:08

Tgt Ion: 129 Resp: 4163

Ion Ratio Lower Upper

129 100

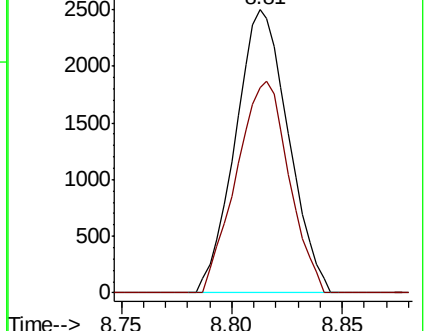
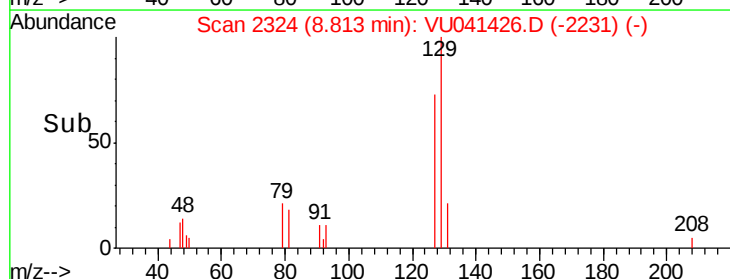
127 72.7 55.5 103.1

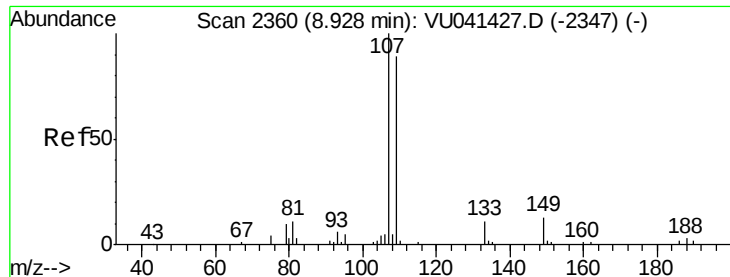


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

Time-->

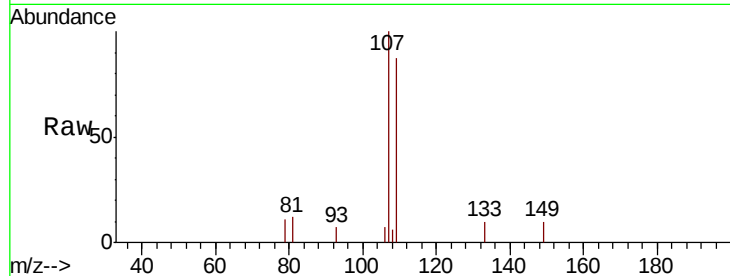




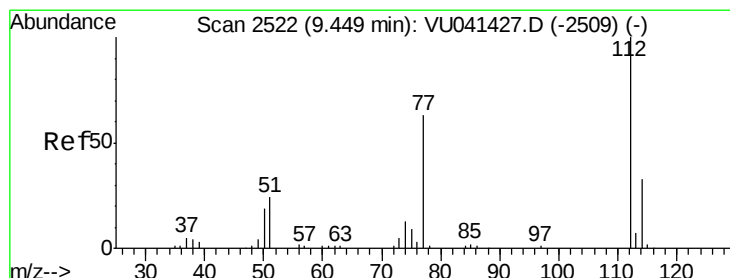
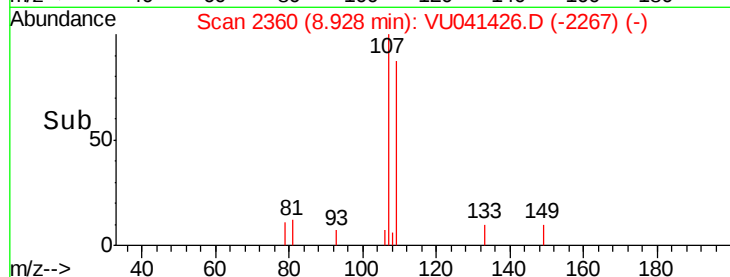
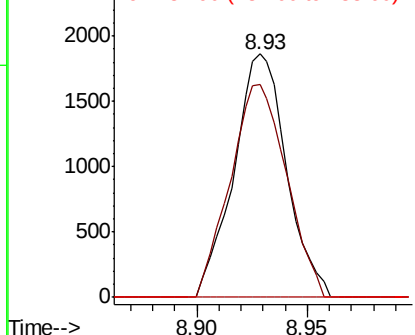
#50
 1,2-Dibromoethane
 Concen: 0.885 ug/L
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001104

Tot Ion:107 Resp: 3081
 Ion Ratio Lower Upper
 107 100
 109 87.4 62.6 116.3
 188 0.0 2.6 4.0#

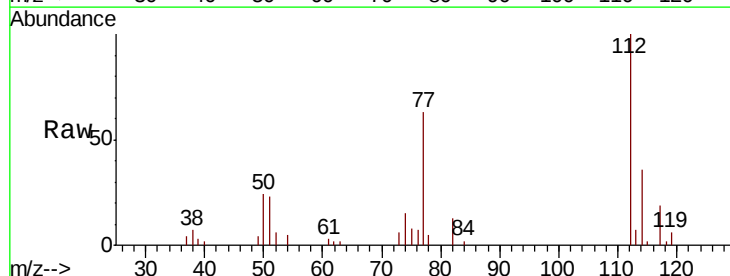


Abundance Ion 106.95 (106.65 to 107.65): V
 2500 Ion 109.00 (108.70 to 109.70): V
 Ion 187.90 (187.60 to 188.60): V

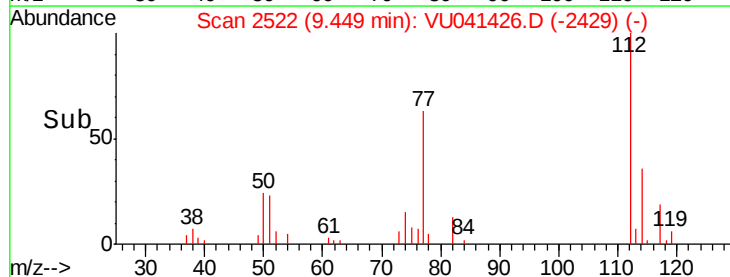
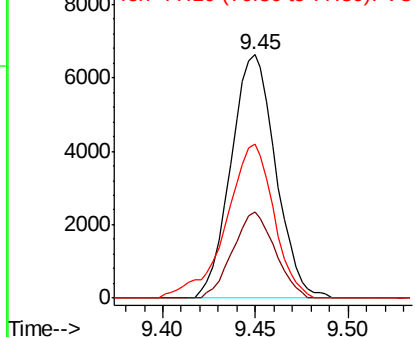


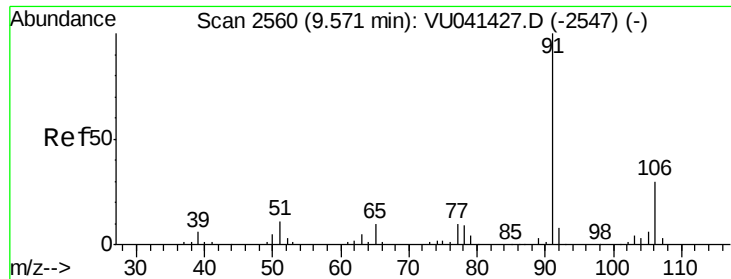
#51
 Chlorobenzene
 Concen: 0.934 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

Tgt Ion:112 Resp: 11066
 Ion Ratio Lower Upper
 112 100
 114 35.6 23.4 43.6
 77 63.4 51.2 76.8



Abundance Ion 112.10 (111.80 to 112.80): V
 8000 Ion 114.05 (113.75 to 114.75): V
 Ion 77.10 (76.80 to 77.80): VU





#52

Ethylbenzene

Concen: 0.903 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

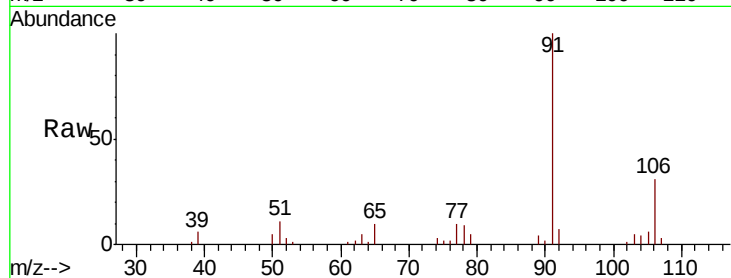
VSTD001104

Tot Ion: 91 Resp: 17401

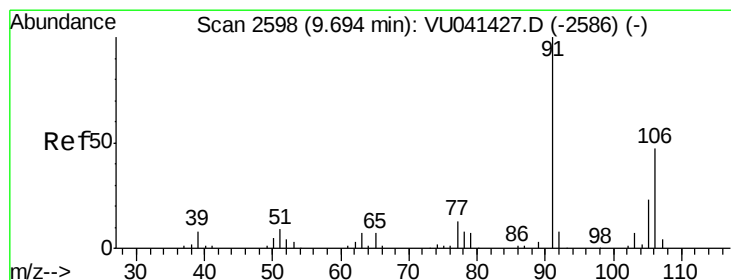
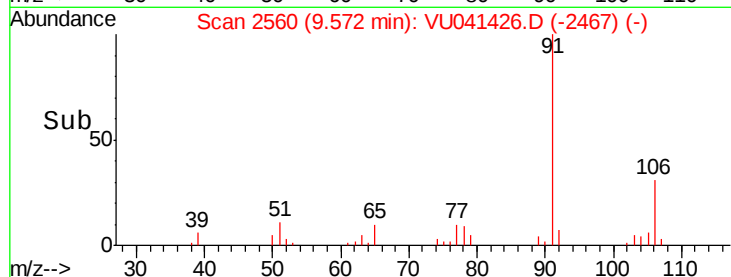
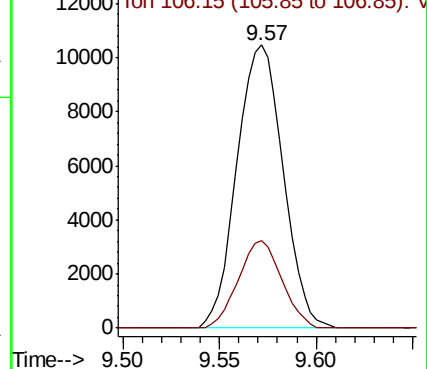
Ion Ratio Lower Upper

91 100

106 30.8 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU041426.D (-2547) (-)



#53

m,p-Xylene

Concen: 0.845 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU041426.D

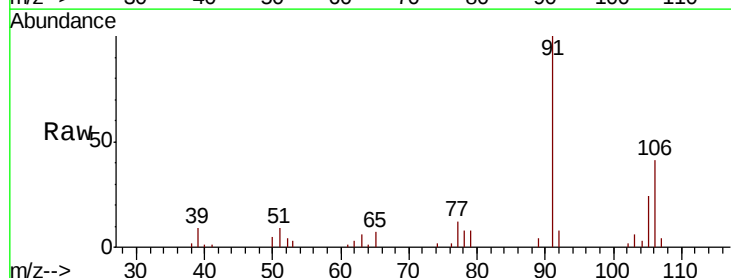
Acq: 25 Nov 2020 12:08

Tgt Ion: 106 Resp: 5929

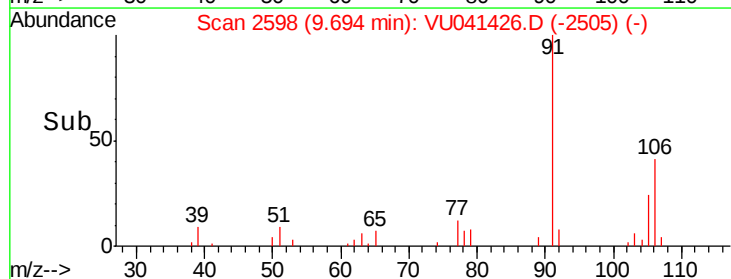
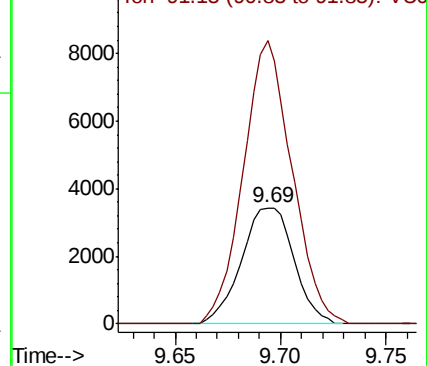
Ion Ratio Lower Upper

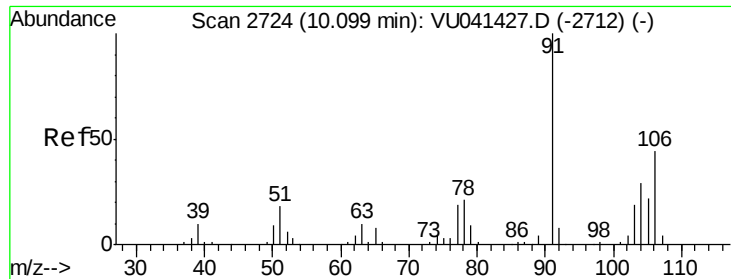
106 100

91 244.4 148.8 276.4



Abundance Ion 106.15 (105.85 to 106.85): VU041426.D (-2598) (-)

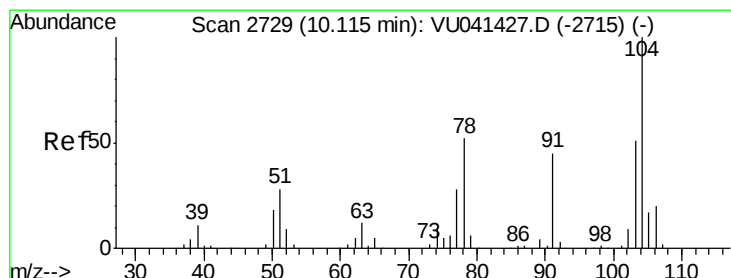
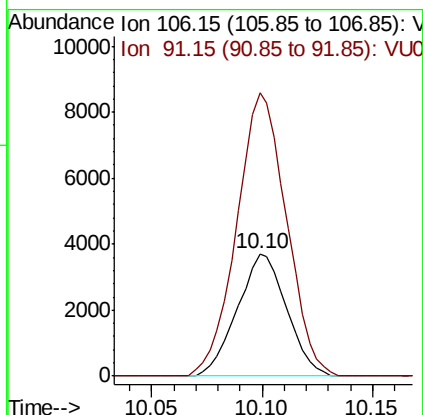
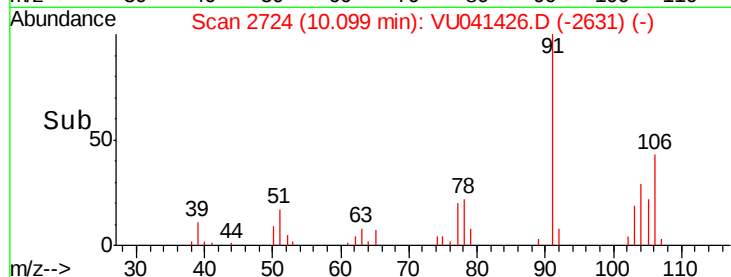
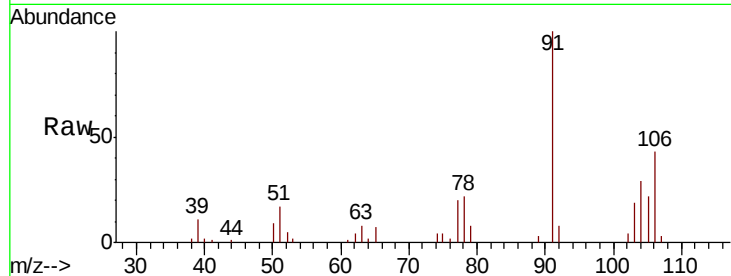




#54
o-Xylene
Concen: 0.852 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VU041426.D
Acq: 25 Nov 2020 12:08

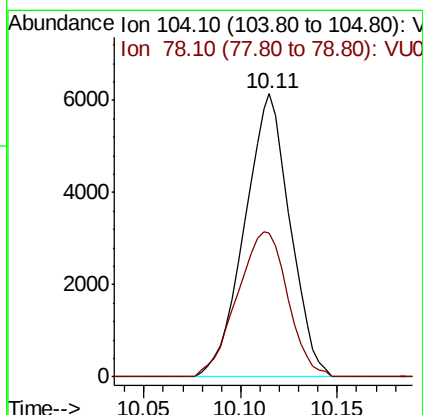
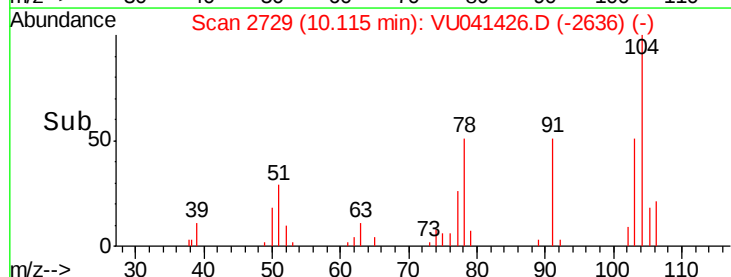
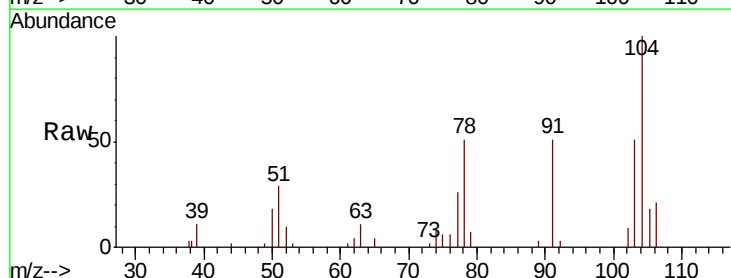
Instrument :
MSVOA_U
ClientSampleId :
VSTD001104

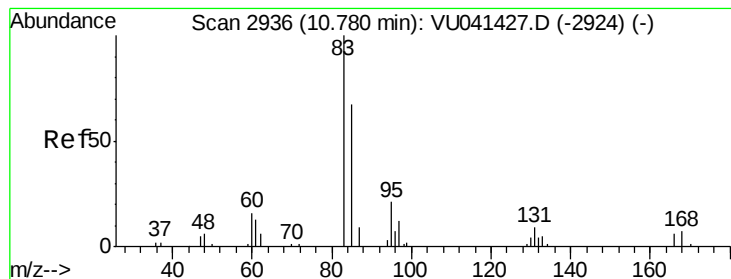
Tot Ion:106 Resp: 5738
Ion Ratio Lower Upper
106 100
91 230.6 159.3 295.9



#55
Styrene
Concen: 0.860 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU041426.D
Acq: 25 Nov 2020 12:08

Tgt Ion:104 Resp: 10032
Ion Ratio Lower Upper
104 100
78 50.6 36.4 67.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.894 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001104

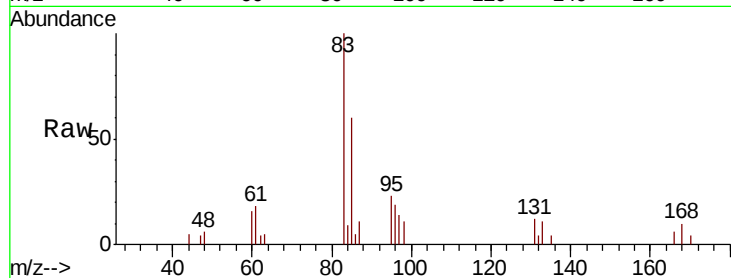
Tot Ion: 83 Resp: 4220

Ion Ratio Lower Upper

83 100

85 59.9 47.2 87.6

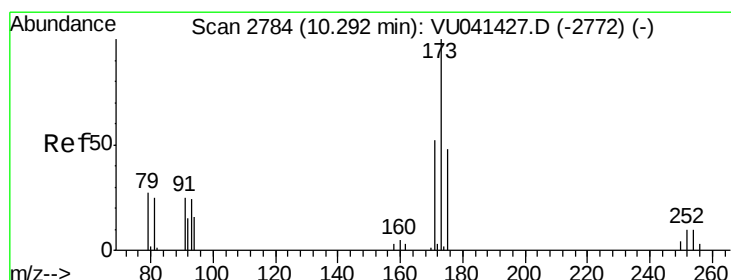
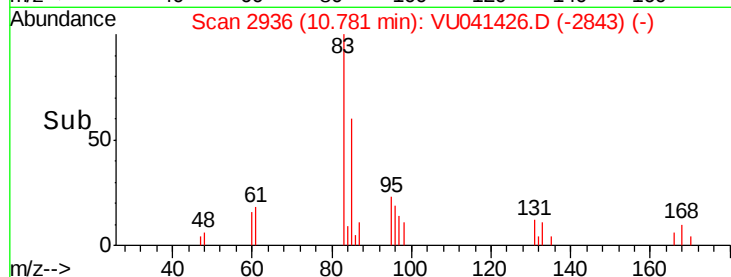
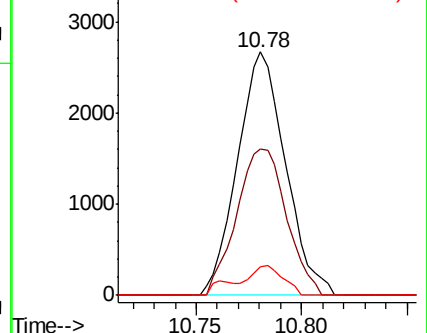
131 11.6 8.3 12.5



Abundance Ion 82.95 (82.65 to 83.65): VU041426.D (-2924) (-)

Ion 85.00 (84.70 to 85.70): VU041426.D (-2924) (-)

Ion 130.95 (130.65 to 131.65): VU041426.D (-2924) (-)



#59

Bromoform

Concen: 0.918 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

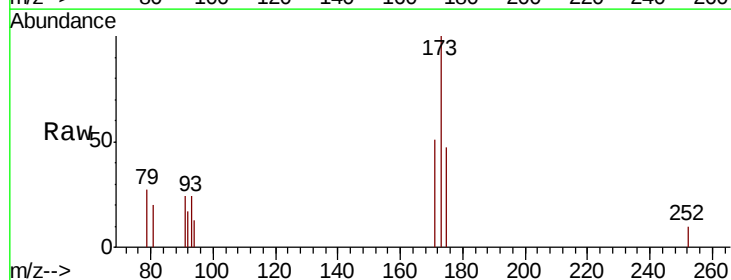
Tgt Ion: 173 Resp: 2452

Ion Ratio Lower Upper

173 100

175 44.8 39.1 58.7

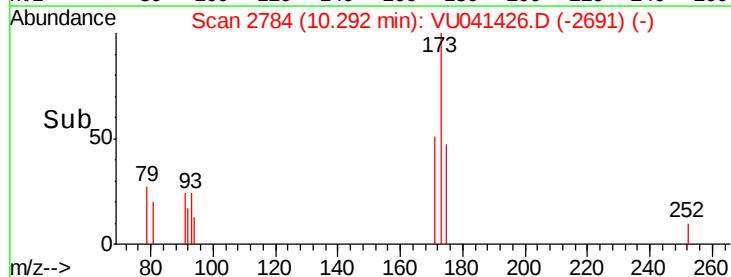
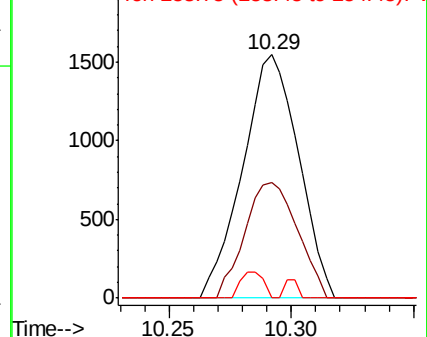
254 1.9 7.2 10.8#

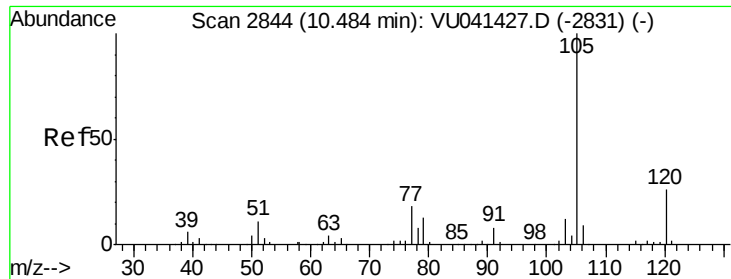


Abundance Ion 172.90 (172.60 to 173.60): VU041426.D (-2691) (-)

Ion 174.90 (174.60 to 175.60): VU041426.D (-2691) (-)

Ion 253.75 (253.45 to 254.45): VU041426.D (-2691) (-)





#60

Isopropylbenzene

Concen: 0.804 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleID :

VSTD001104

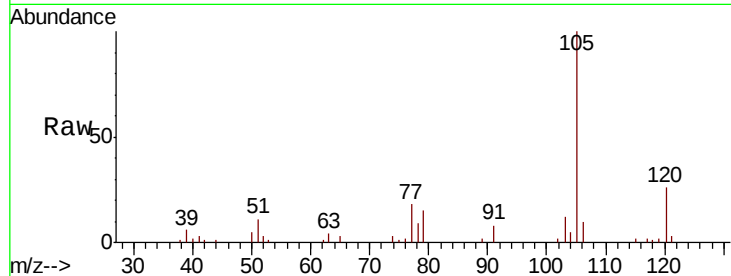
Tot Ion: 105 Resp: 15883

Ion Ratio Lower Upper

105 100

120 26.7 20.2 30.4

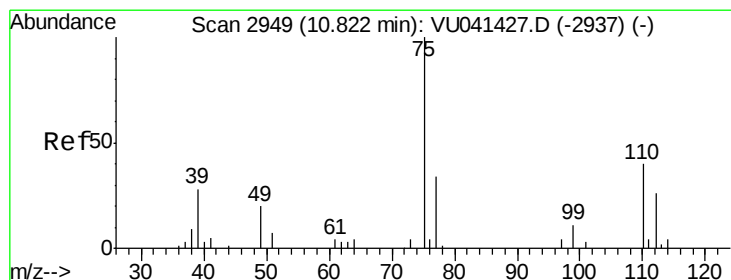
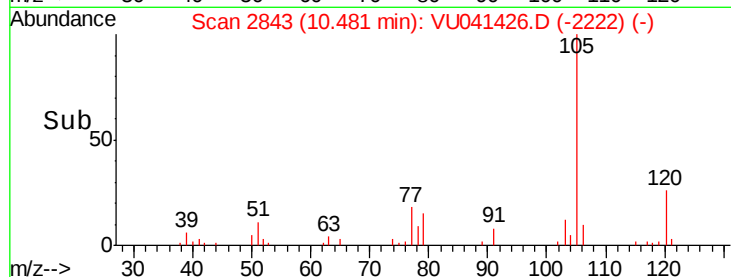
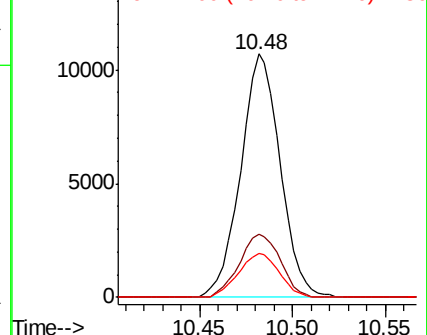
77 18.5 14.2 21.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU



#61

1,2,3-Trichloropropane

Concen: 0.859 ug/L

RT: 10.82 min Scan# 2948

Delta R.T. -0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

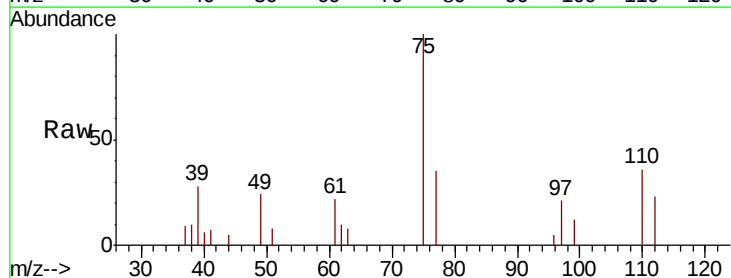
Tgt Ion: 75 Resp: 3428

Ion Ratio Lower Upper

75 100

110 36.8 31.0 46.4

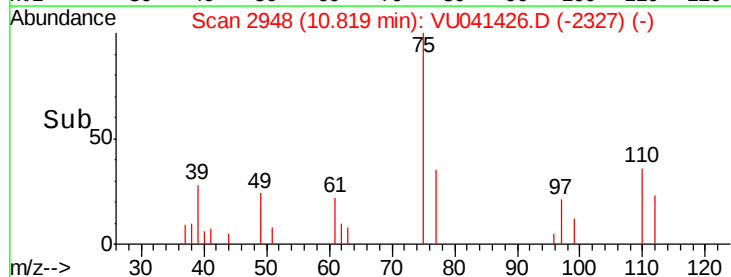
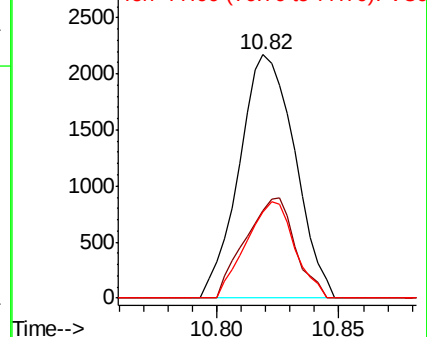
77 34.6 26.0 39.0

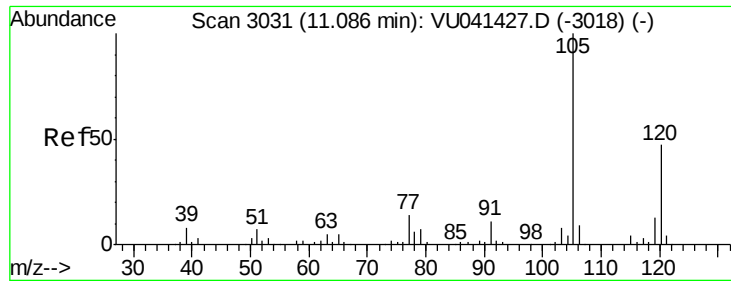


Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VU

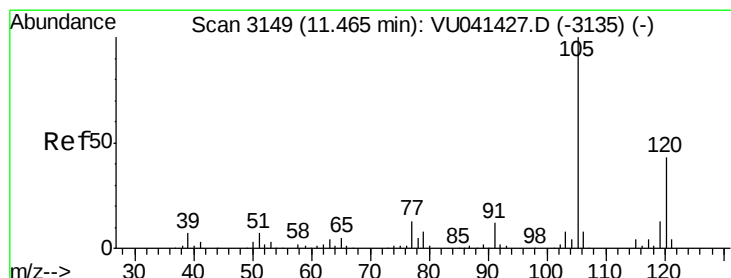
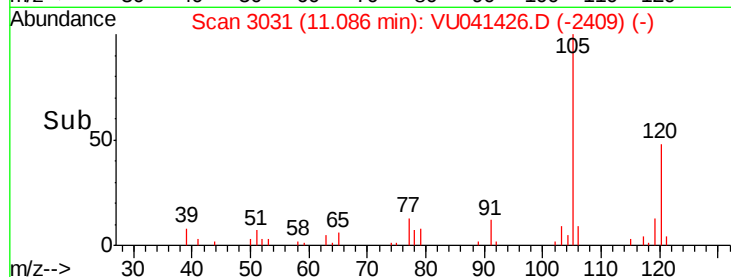
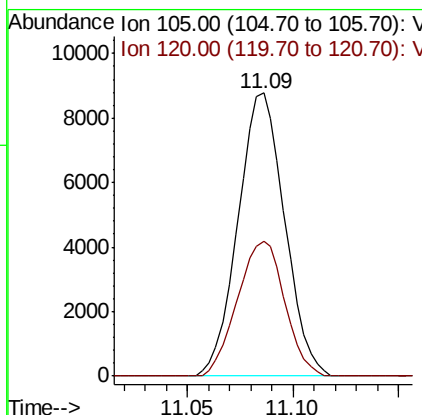
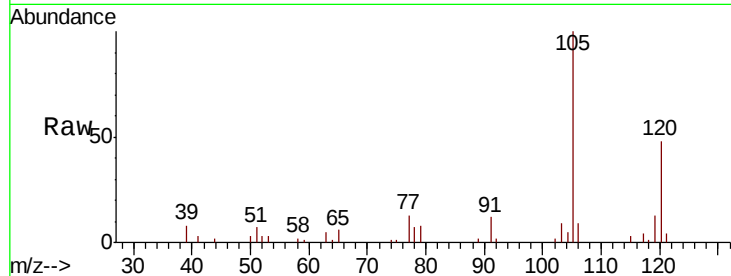




#62
 1,3,5-Trimethylbenzene
 Concen: 0.826 ug/L
 RT: 11.09 min Scan# 3031
 Delta R.T. 0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

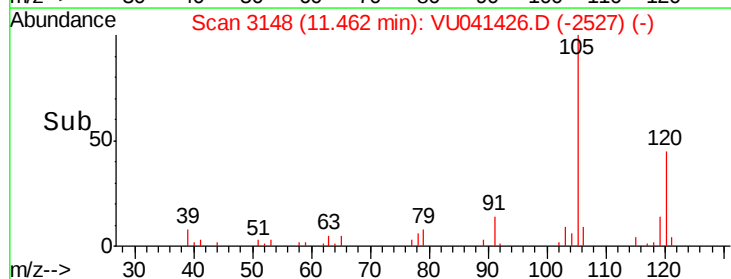
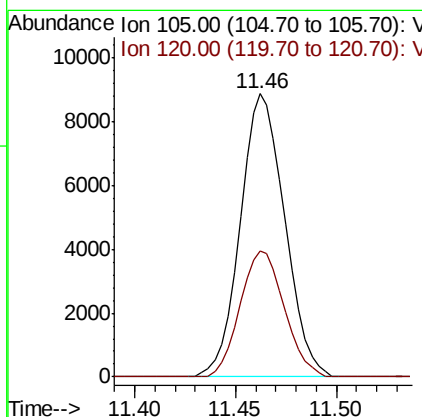
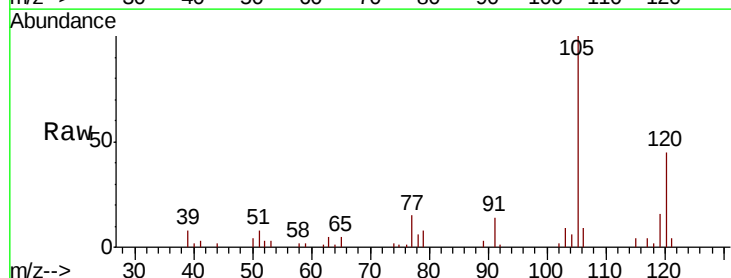
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001104

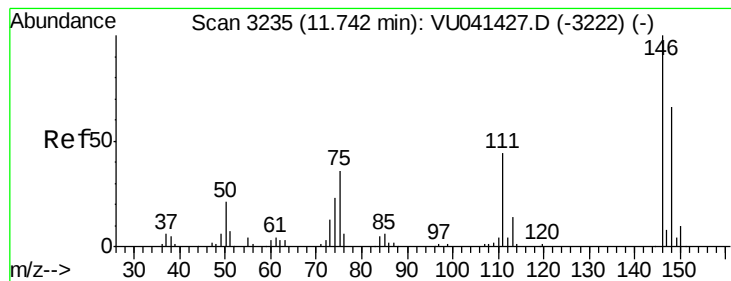
Tot Ion:105 Resp: 13467
 Ion Ratio Lower Upper
 105 100
 120 48.3 37.1 55.7



#63
 1,2,4-Trimethylbenzene
 Concen: 0.830 ug/L
 RT: 11.46 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

Tgt Ion:105 Resp: 13673
 Ion Ratio Lower Upper
 105 100
 120 44.3 34.6 51.8





#64

1,3-Dichlorobenzene

Concen: 0.960 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001104

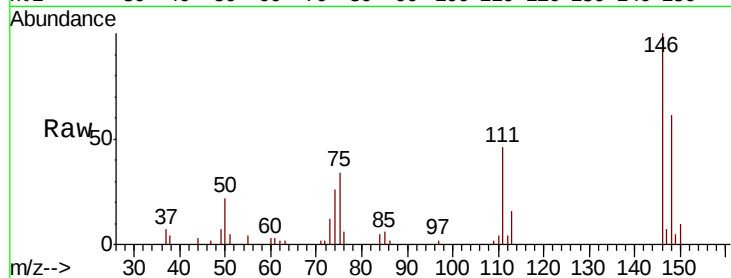
Tot Ion:146 Resp: 9616

Ion Ratio Lower Upper

146 100

111 45.9 30.4 56.5

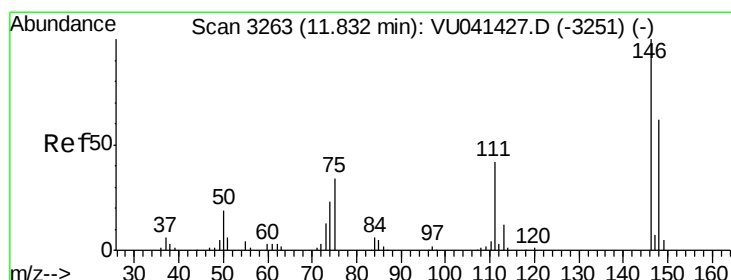
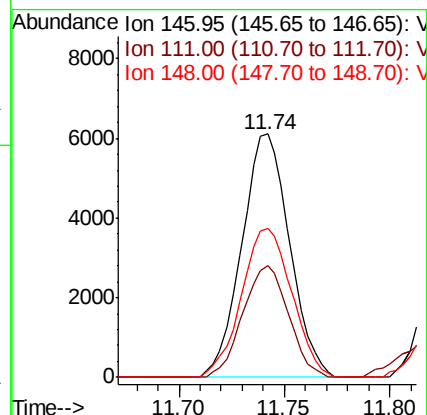
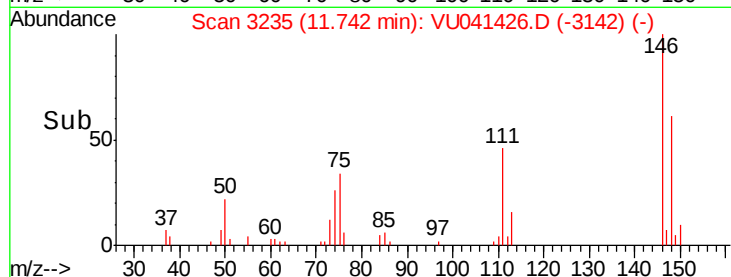
148 61.3 46.3 85.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,4-Dichlorobenzene

Concen: 0.967 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

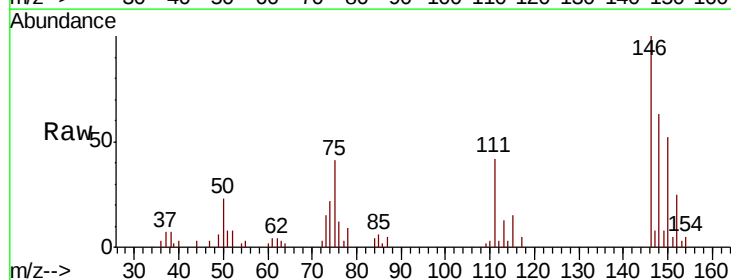
Tgt Ion:146 Resp: 9867

Ion Ratio Lower Upper

146 100

111 42.1 29.5 54.9

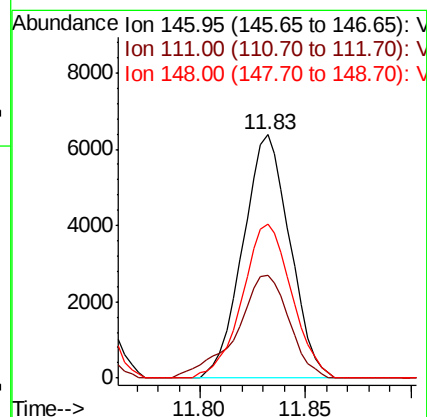
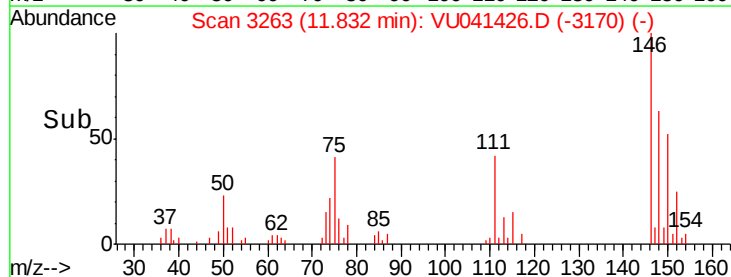
148 63.2 43.3 80.5

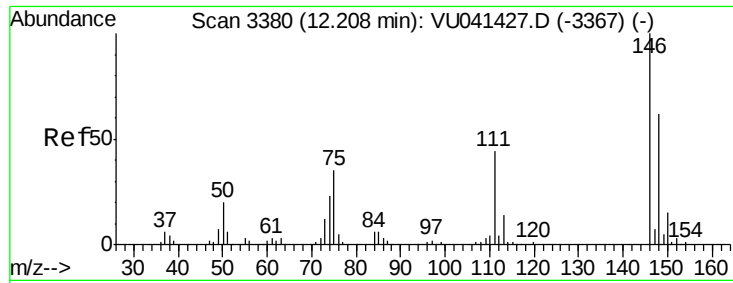


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

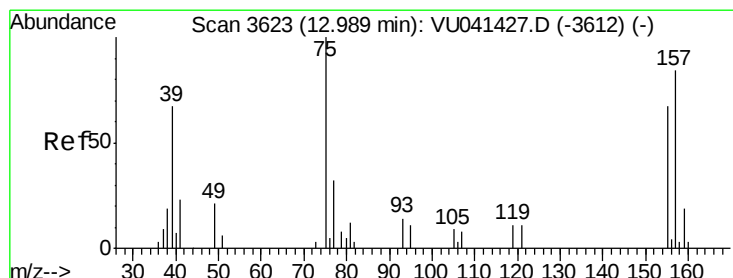
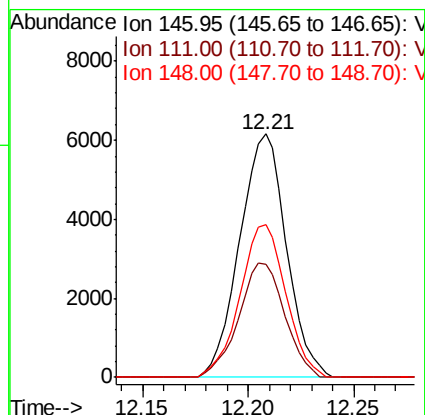
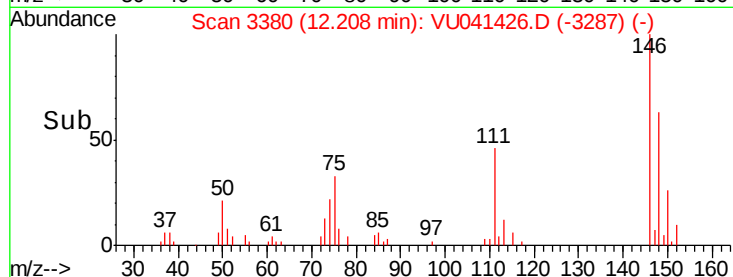
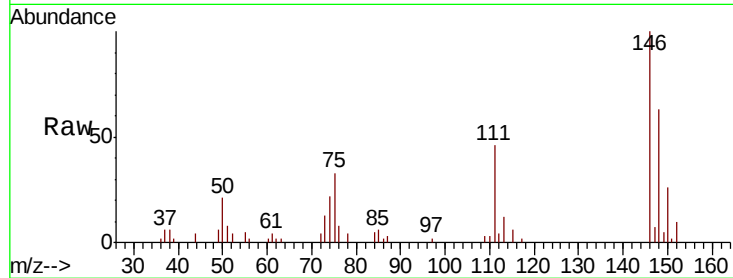




#67
 1,2-Dichlorobenzene
 Concen: 0.972 ug/L
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

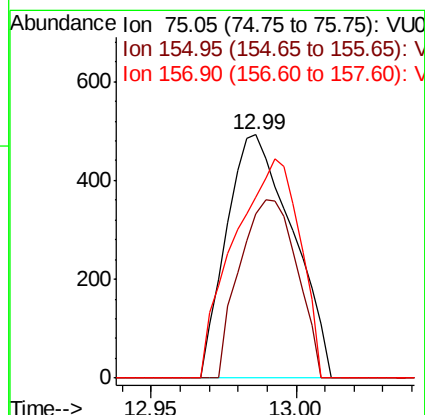
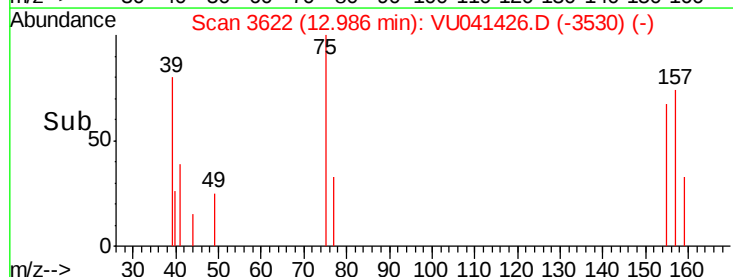
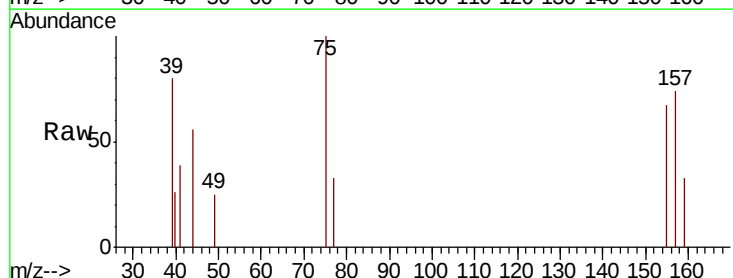
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001104

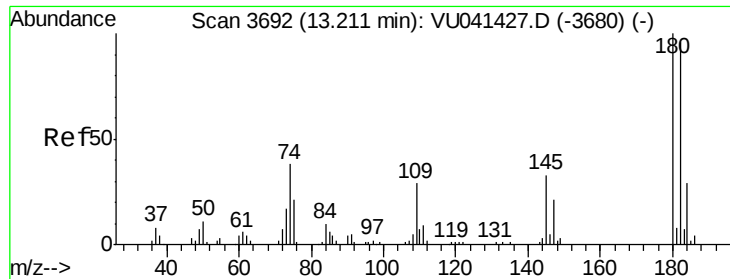
Tot Ion:146 Resp: 9477
 Ion Ratio Lower Upper
 146 100
 111 46.4 35.4 53.2
 148 62.6 49.4 74.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.814 ug/L
 RT: 12.99 min Scan# 3622
 Delta R.T. -0.00 min
 Lab File: VU041426.D
 Acq: 25 Nov 2020 12:08

Tgt Ion: 75 Resp: 777
 Ion Ratio Lower Upper
 75 100
 155 67.3 53.8 80.6
 157 74.4 67.5 101.3





#69

1,3,5-Trichlorobenzene

Concen: 1.062 ug/L

RT: 13.21 min Scan# 3692

Delta R.T. 0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001104

Tot Ion:180 Resp: 7452

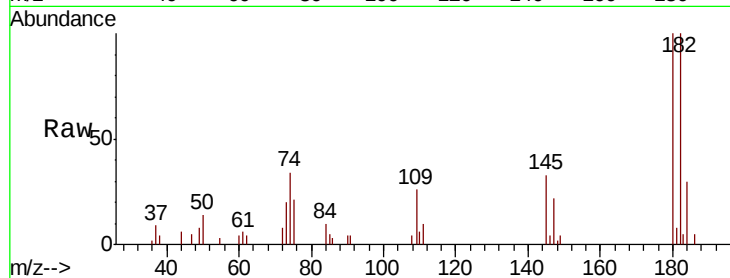
Ion Ratio Lower Upper

180 100

182 94.9 76.5 114.7

184 30.8 24.2 36.2

145 30.9 26.5 39.7

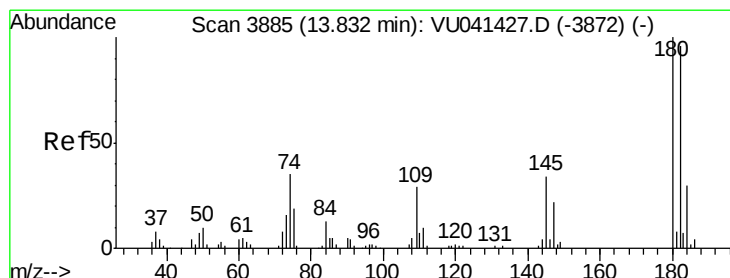
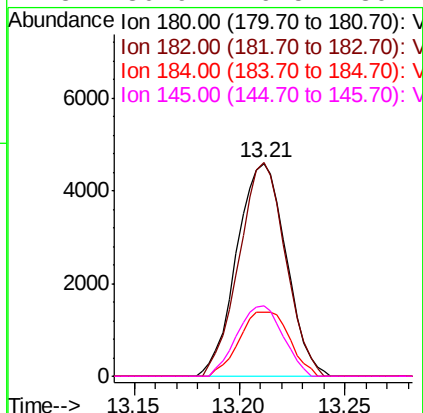
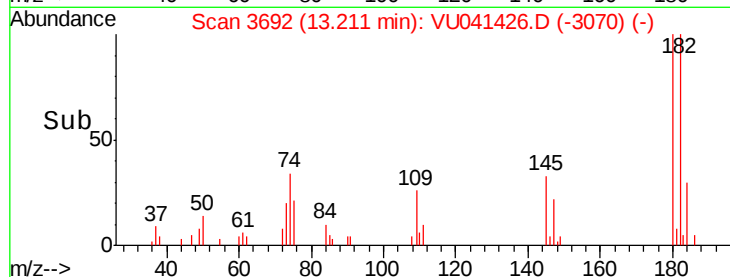


Abundance Ion 180.00 (179.70 to 180.70): V

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



#70

1,2,4-trichlorobenzene

Concen: 0.997 ug/L

RT: 13.83 min Scan# 3884

Delta R.T. -0.00 min

Lab File: VU041426.D

Acq: 25 Nov 2020 12:08

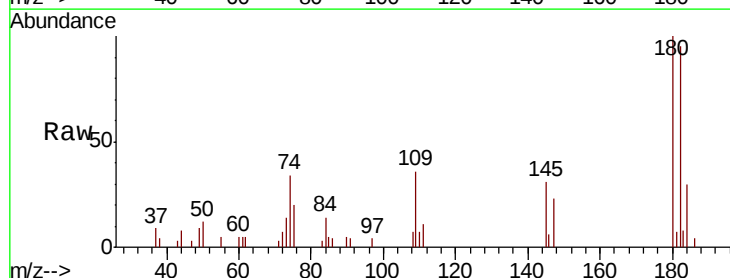
Tgt Ion:180 Resp: 5905

Ion Ratio Lower Upper

180 100

182 91.6 76.0 114.0

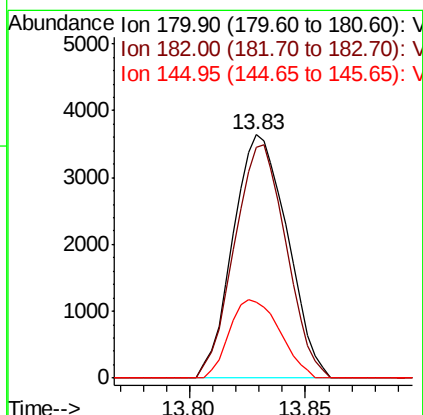
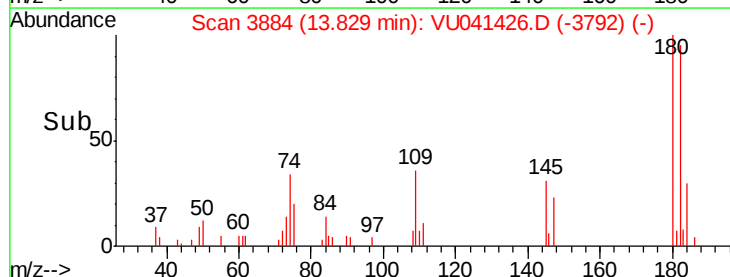
145 30.0 26.6 39.8

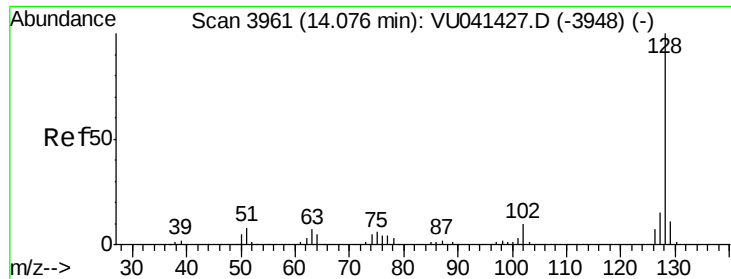


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

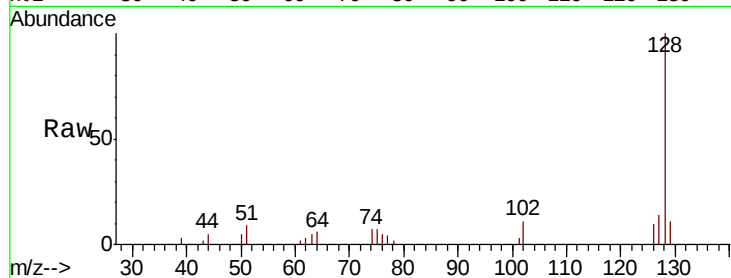




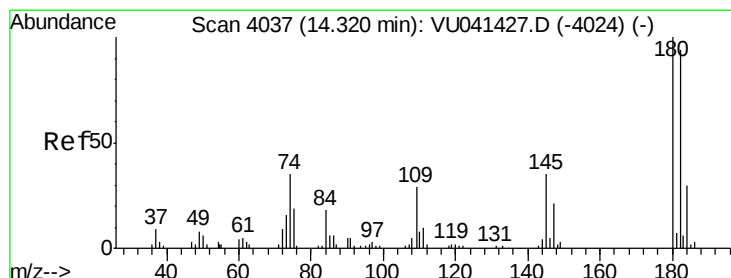
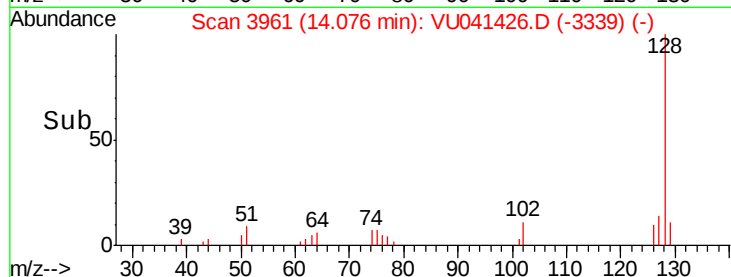
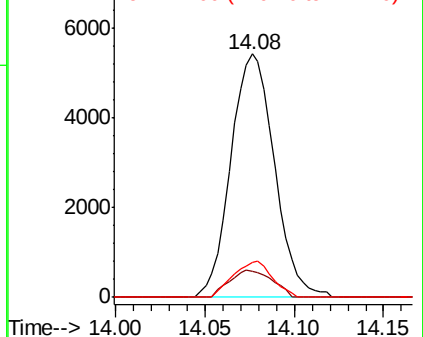
#71
Naphthalene
Concen: 0.880 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU041426.D
Acq: 25 Nov 2020 12:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD001104

Tot Ion:128 Resp: 9180
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.3 11.3 16.9

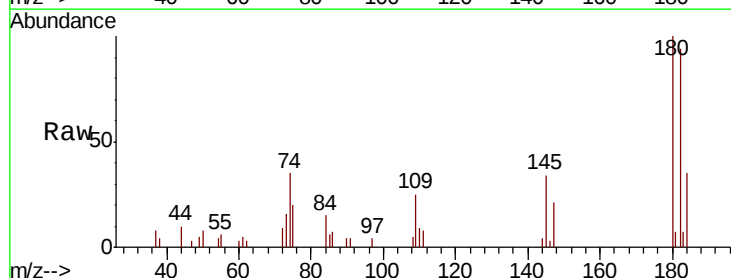


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#72
1,2,3-Trichlorobenzene
Concen: 0.993 ug/L
RT: 14.32 min Scan# 4037
Delta R.T. 0.00 min
Lab File: VU041426.D
Acq: 25 Nov 2020 12:08

Tgt Ion:180 Resp: 5497
Ion Ratio Lower Upper
180 100
182 97.0 75.5 113.3
145 32.9 28.1 42.1



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

