

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092520\
 Data File : VU040279.D
 Acq On : 24 Sep 2020 18:33
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV106

Quant Time: Sep 25 02:55:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 25 02:46:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	203113	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	198992	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	103869	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	72822	5.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.00%
7) Chloroethane-d5	1.92	69	60362	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.58	65	37548	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.40%
20) 2-Butanone-d5	4.65	46	277652	56.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.34%
24) Chloroform-d	5.08	84	151261	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
26) 1,2-Dichloroethane-d4	5.72	65	88664	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.74	84	281244	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	6.70	67	92177	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.90	98	259942	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
43) trans-1,3-Dichloropropene-	8.18	79	37847	5.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.20%
46) 2-Hexanone-d5	8.64	63	207803	59.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.30%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	78666	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
66) 1,2-Dichlorobenzene-d4	12.19	152	95255	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	114145	5.399 ug/L	98
3) Chloromethane	1.53	50	113616	5.447 ug/L	99
5) Vinyl chloride	1.61	62	109910	5.353 ug/L	100
6) Bromomethane	1.87	94	59122	5.383 ug/L	96
8) Chloroethane	1.94	64	64871	5.294 ug/L	98
9) Trichlorofluoromethane	2.15	101	146149	5.283 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	91891	5.382 ug/L	99
12) 1,1-Dichloroethene	2.59	96	86149	5.442 ug/L	89
13) Acetone	2.66	43	215123	53.716 ug/L	97
14) Carbon disulfide	2.81	76	290826	5.245 ug/L	98
15) Methyl Acetate	2.97	43	52007	5.346 ug/L	96
16) Methylene chloride	3.06	84	115326	5.803 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	233292	5.542 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	87889	5.253 ug/L	95
19) 1,1-Dichloroethane	3.89	63	176264	5.351 ug/L	98
21) 2-Butanone	4.73	43	362123	56.127 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	94794	5.407 ug/L	97

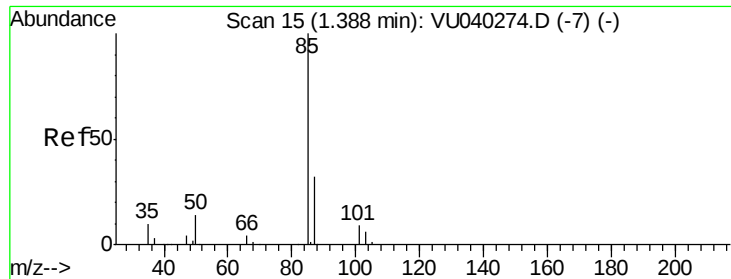
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	43862	5.342	ug/L	96
25) Chloroform	5.11	83	175586	5.315	ug/L	100
27) 1,2-Dichloroethane	5.81	62	127936	5.387	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	152559	5.464	ug/L	98
30) Cyclohexane	5.41	56	170198	5.579	ug/L	99
31) Carbon tetrachloride	5.54	117	130161	5.450	ug/L	98
33) Benzene	5.79	78	374214	5.420	ug/L	100
34) Trichloroethene	6.55	95	99799	5.567	ug/L	96
35) Methylcyclohexane	6.77	83	156787	5.588	ug/L	98
37) 1,2-Dichloropropane	6.80	63	102044	5.322	ug/L	99
38) Bromodichloromethane	7.11	83	125713	5.363	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	142863	5.474	ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	825770	56.263	ug/L	100
42) Toluene	7.97	91	392755	5.626	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	132992	5.498	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	70173	5.381	ug/L	97
47) Tetrachloroethene	8.56	164	70102	5.420	ug/L	99
48) 2-Hexanone	8.69	43	629628	58.695	ug/L	99
49) Dibromochloromethane	8.81	129	83781	5.559	ug/L	95
50) 1,2-Dibromoethane	8.93	107	67878	5.349	ug/L	95
51) Chlorobenzene	9.45	112	242833	5.408	ug/L	96
52) Ethylbenzene	9.57	91	423599	5.492	ug/L	100
53) m,p-Xylene	9.69	106	160266	5.763	ug/L	99
54) o-Xylene	10.10	106	153695	5.736	ug/L	95
55) Styrene	10.11	104	268983	5.825	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	91686	5.305	ug/L	97
59) Bromoform	10.29	173	46938	5.544	ug/L	99
60) Isopropylbenzene	10.48	105	415222	5.702	ug/L	100
61) 1,2,3-Trichloropropane	10.82	75	70793	5.250	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	337214	5.718	ug/L	99
63) 1,2,4-Trimethylbenzene	11.46	105	352078	5.901	ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	201150	5.583	ug/L	97
65) 1,4-Dichlorobenzene	11.83	146	196624	5.289	ug/L	98
67) 1,2-Dichlorobenzene	12.20	146	188385	5.506	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.99	75	16880	5.334	ug/L	96
69) 1,3,5-Trichlorobenzene	13.21	180	141699	5.577	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	122643	5.984	ug/L	98
71) Naphthalene	14.08	128	228662	6.429	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	113962	6.224	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 5.399 ug/L

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Instrument :

MSVOA_U

ClientSampled :

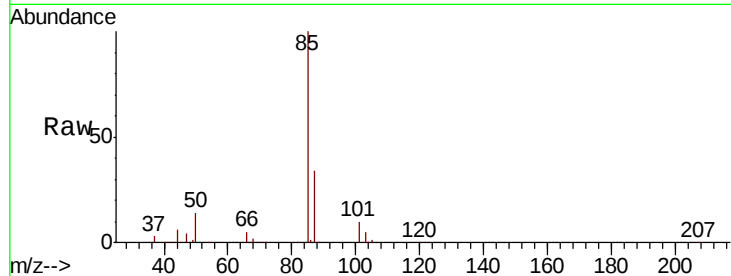
VICV106

Tot Ion: 85 Resp: 114145

Ion Ratio Lower Upper

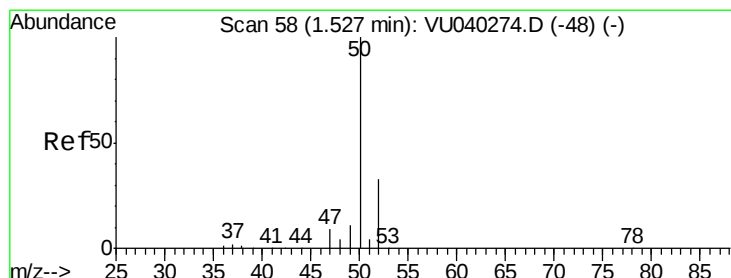
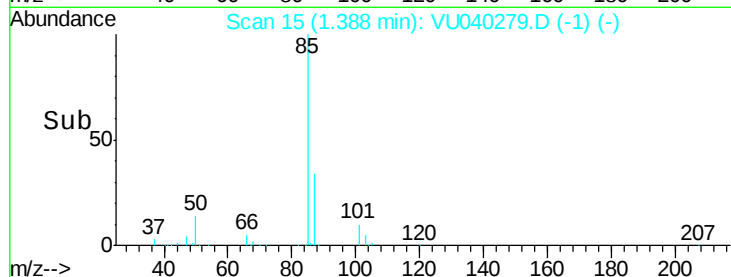
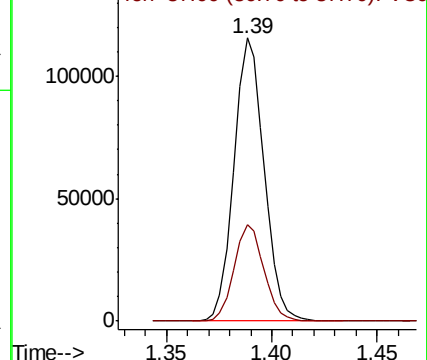
85 100

87 33.7 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 5.447 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040279.D

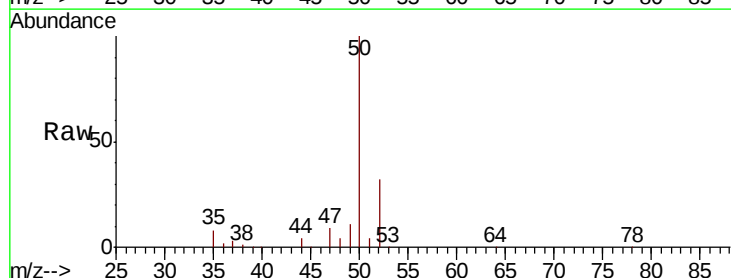
Acq: 24 Sep 2020 18:33

Tgt Ion: 50 Resp: 113616

Ion Ratio Lower Upper

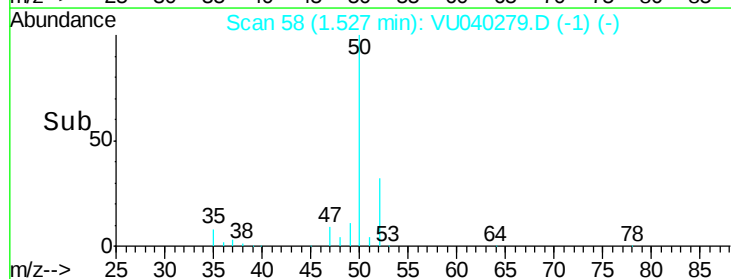
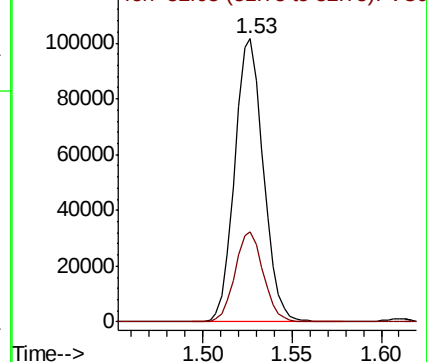
50 100

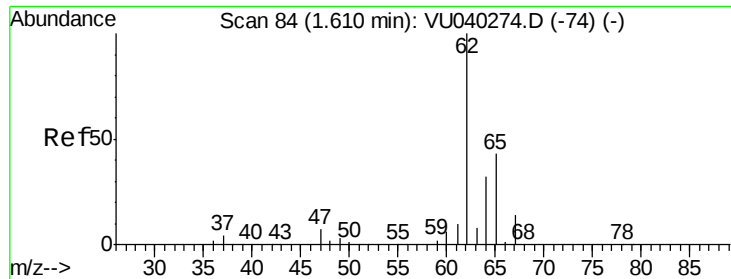
52 31.9 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 5.353 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

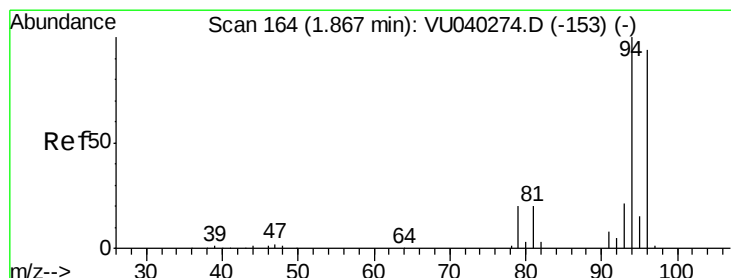
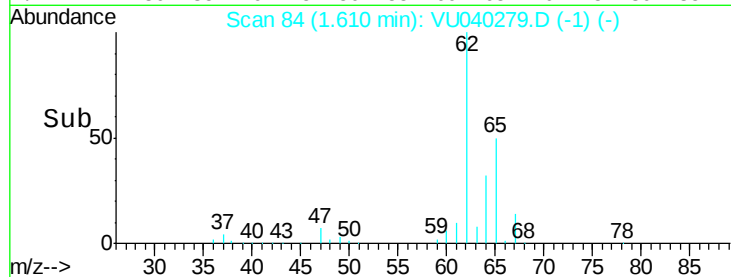
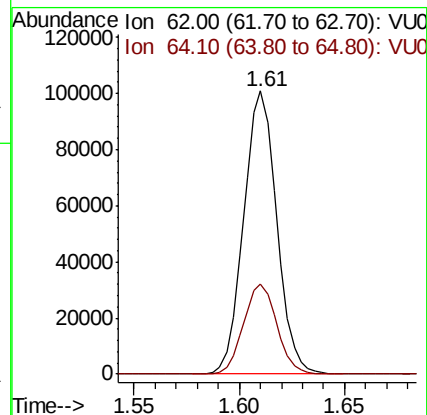
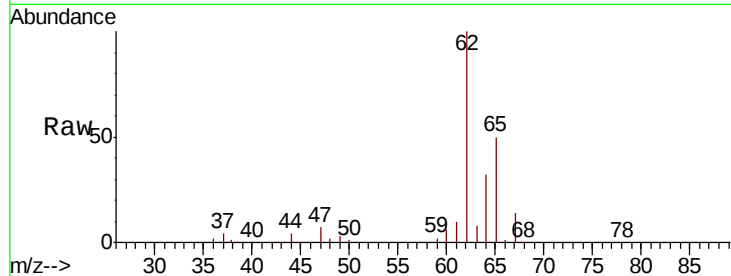
VICV106

Tot Ion: 62 Resp: 109910

Ion Ratio Lower Upper

62 100

64 32.0 22.3 41.3



#6

Bromomethane

Concen: 5.383 ug/L

RT: 1.87 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU040279.D

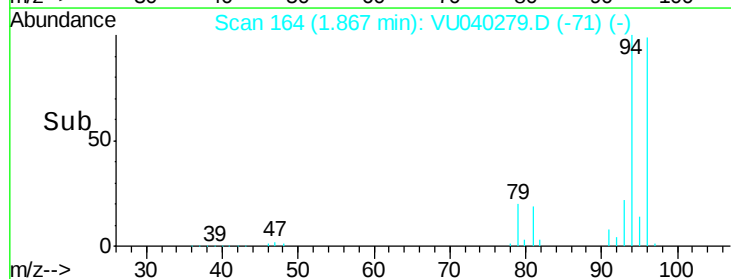
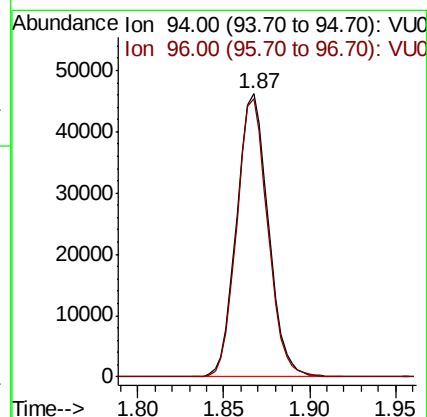
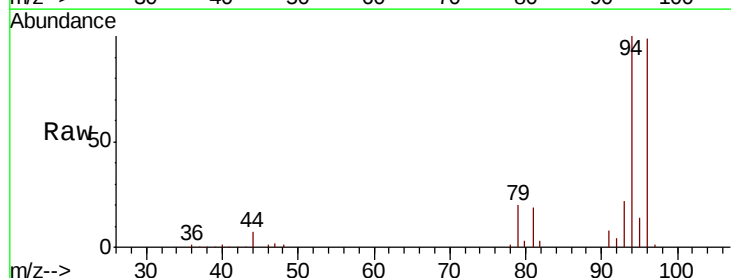
Acq: 24 Sep 2020 18:33

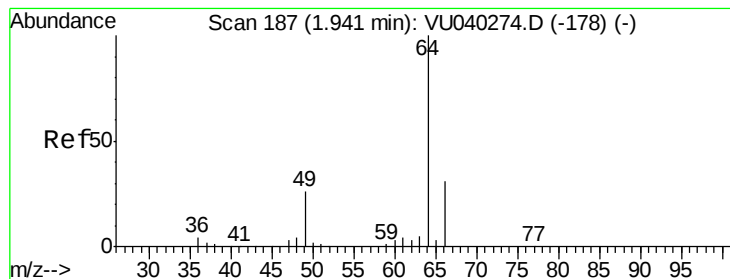
Tgt Ion: 94 Resp: 59122

Ion Ratio Lower Upper

94 100

96 98.5 66.1 122.7





#8

Chloroethane

Concen: 5.294 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

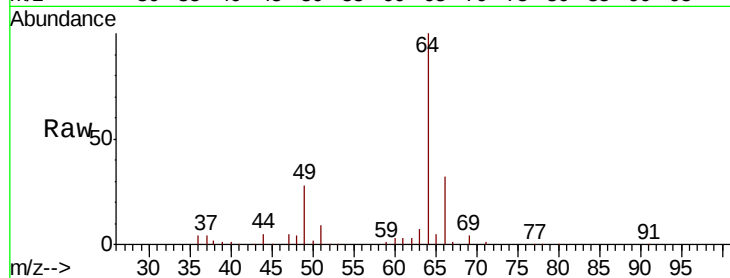
VICV106

Tot Ion: 64 Resp: 64871

Ion Ratio Lower Upper

64 100

66 31.8 21.3 39.6



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.94

50000

40000

30000

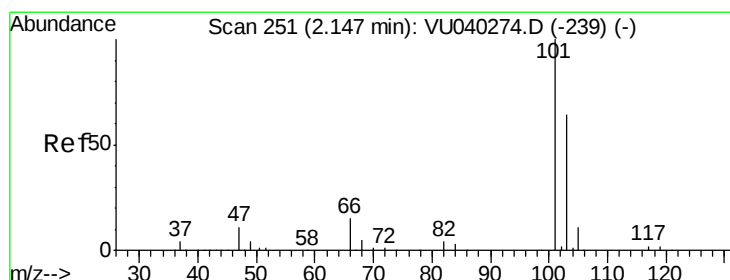
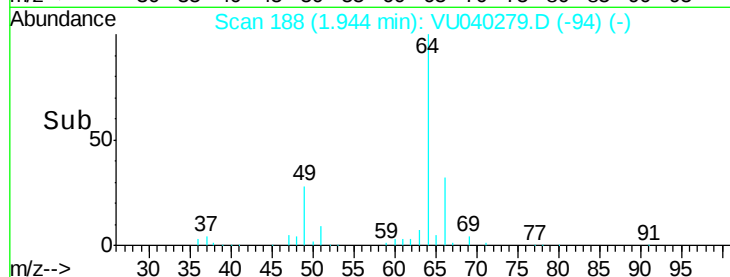
20000

10000

0

Time-->

1.90 1.95 2.00



#9

Trichlorofluoromethane

Concen: 5.283 ug/L

RT: 2.15 min Scan# 251

Delta R.T. -0.00 min

Lab File: VU040279.D

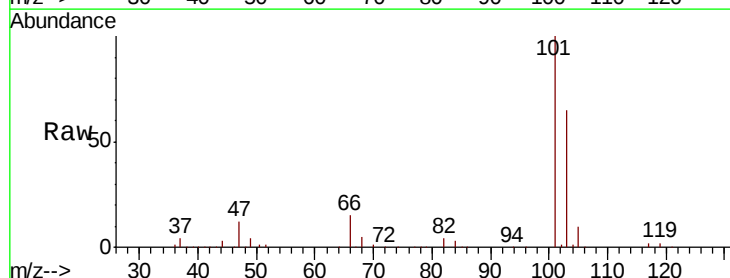
Acq: 24 Sep 2020 18:33

Tgt Ion:101 Resp: 146149

Ion Ratio Lower Upper

101 100

103 64.9 51.2 76.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.15

100000

80000

60000

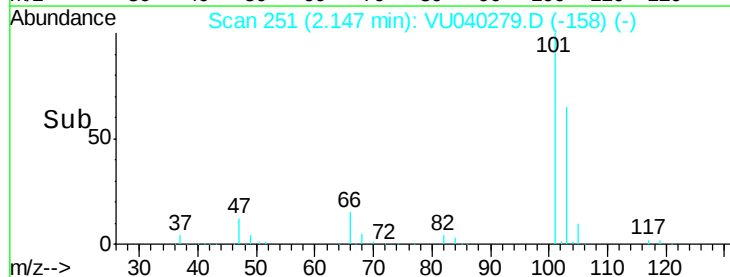
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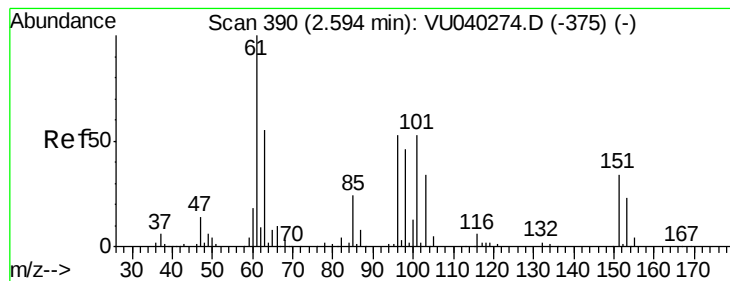
20000

0

Time-->

2.10 2.15 2.20





#10

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

Concen: 5.382 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

VICV106

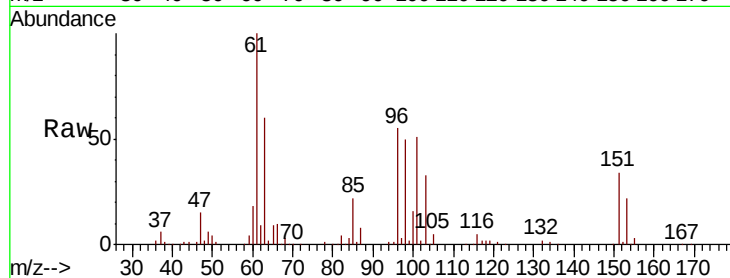
Tot Ion:101 Resp: 91891

Ion Ratio Lower Upper

101 100

85 44.4 36.7 55.1

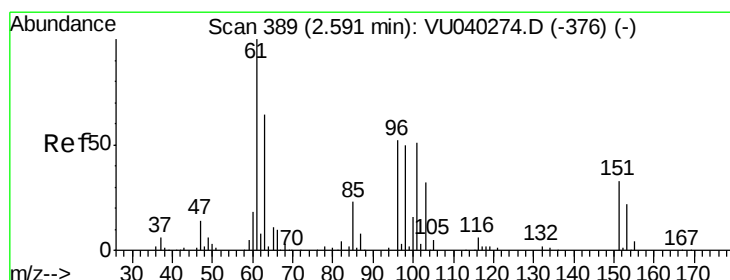
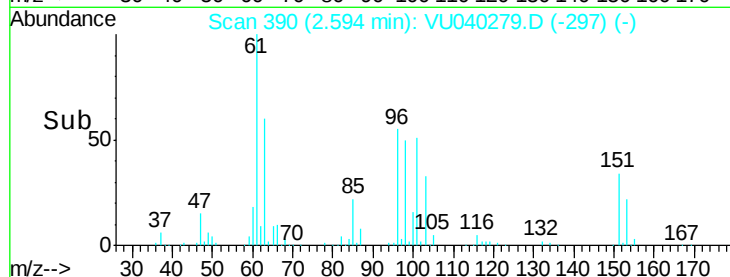
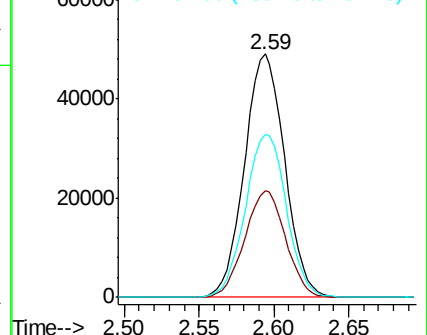
151 68.5 54.5 81.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.442 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

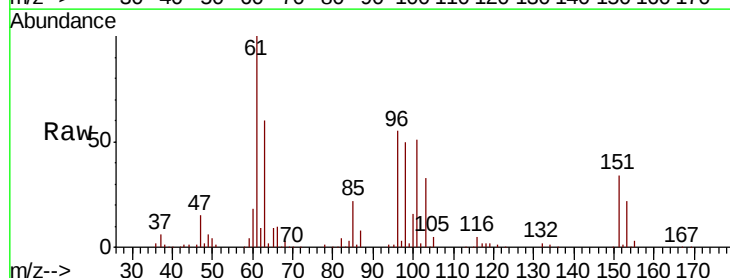
Tgt Ion: 96 Resp: 86149

Ion Ratio Lower Upper

96 100

61 181.6 134.3 249.3

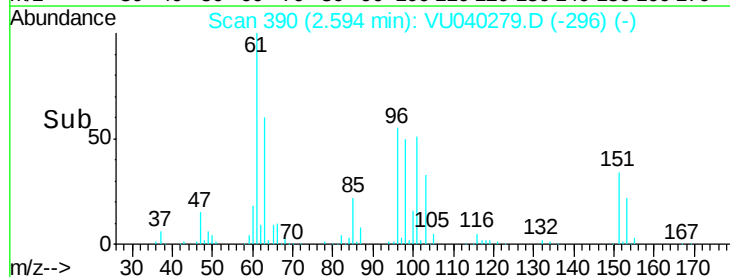
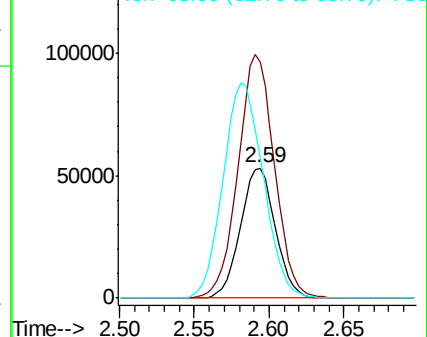
63 108.1 88.5 164.4

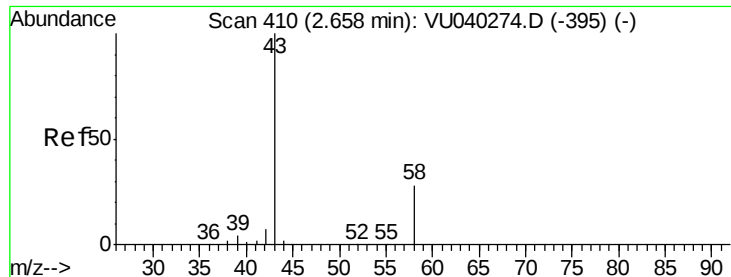


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 53.716 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

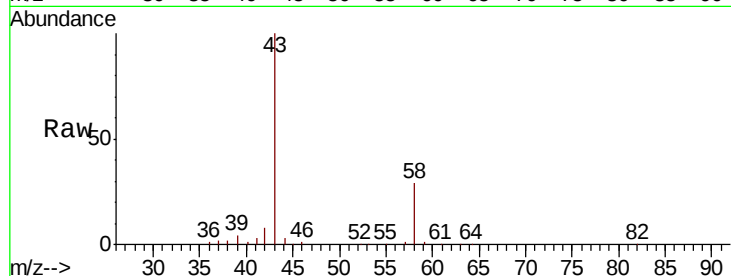
VICV106

Tot Ion: 43 Resp: 215123

Ion Ratio Lower Upper

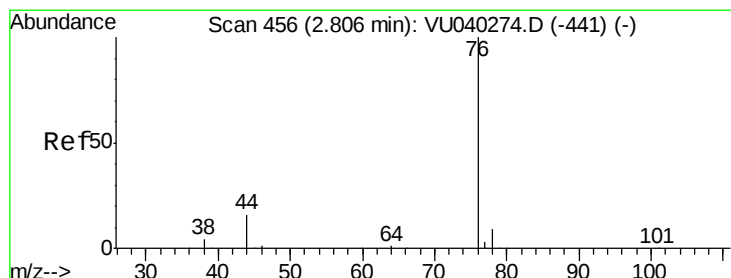
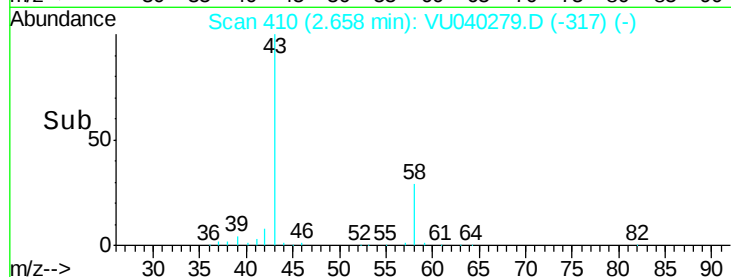
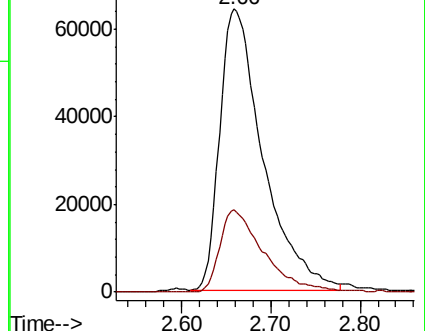
43 100

58 29.7 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VU040274.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040274.D (-395) (-)



#14

Carbon disulfide

Concen: 5.245 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040279.D

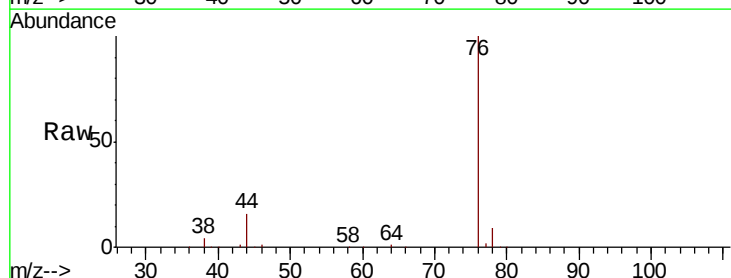
Acq: 24 Sep 2020 18:33

Tgt Ion: 76 Resp: 290826

Ion Ratio Lower Upper

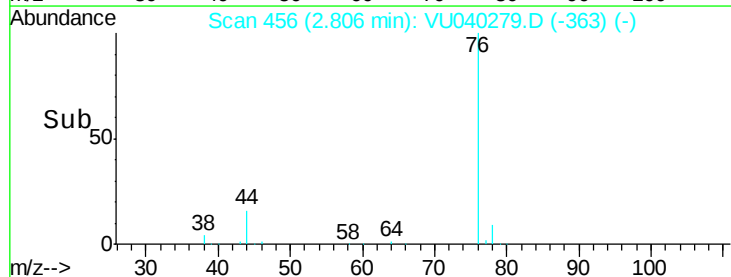
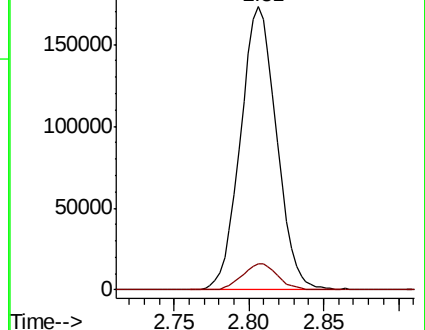
76 100

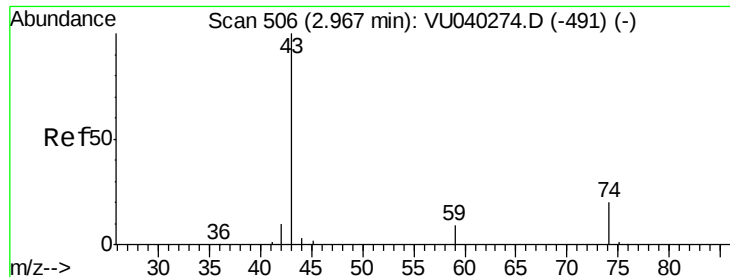
78 9.2 6.9 10.3



Abundance Ion 76.05 (75.75 to 76.75): VU040274.D (-441) (-)

Ion 78.00 (77.70 to 78.70): VU040274.D (-441) (-)

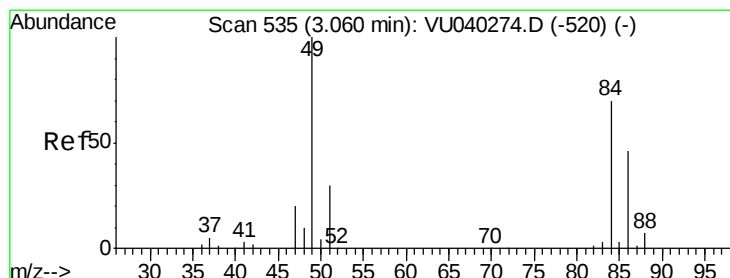
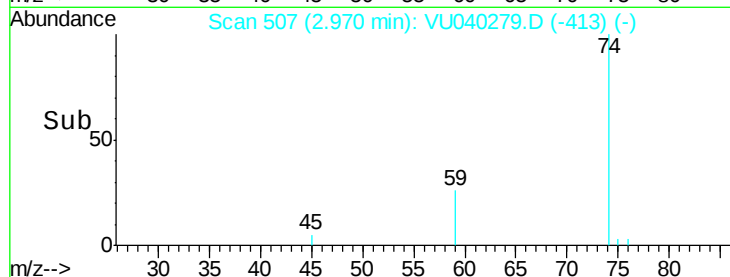
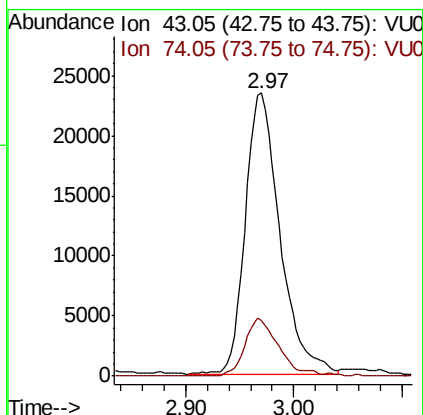
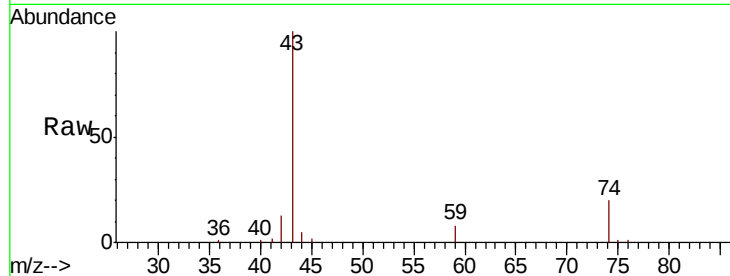




#15
Methvl Acetate
Concen: 5.346 ug/L
RT: 2.97 min Scan# 507
Delta R.T. 0.00 min
Lab File: VU040279.D
Acq: 24 Sep 2020 18:33

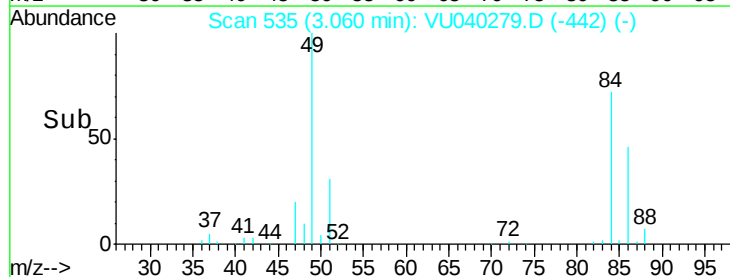
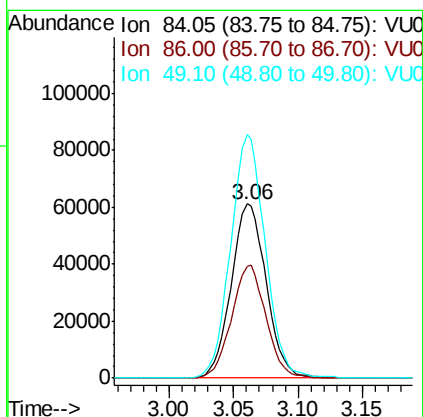
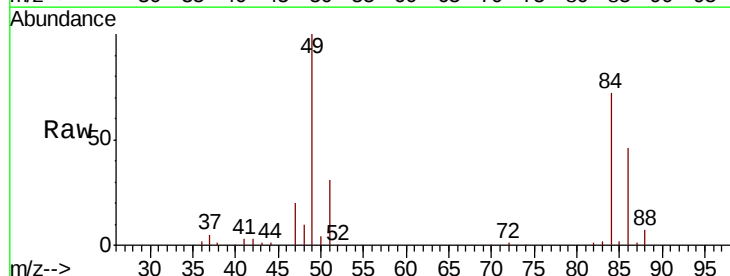
Instrument :
MSVOA_U
ClientSampled :
VICV106

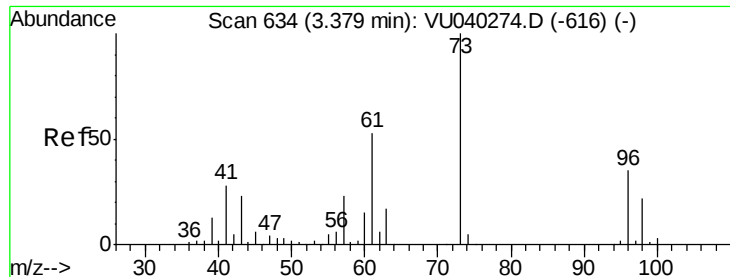
Tot Ion: 43 Resp: 52007
Ion Ratio Lower Upper
43 100
74 19.4 16.9 25.3



#16
Methylene chloride
Concen: 5.803 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040279.D
Acq: 24 Sep 2020 18:33

Tgt Ion: 84 Resp: 115326
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.0
49 139.8 100.4 186.4

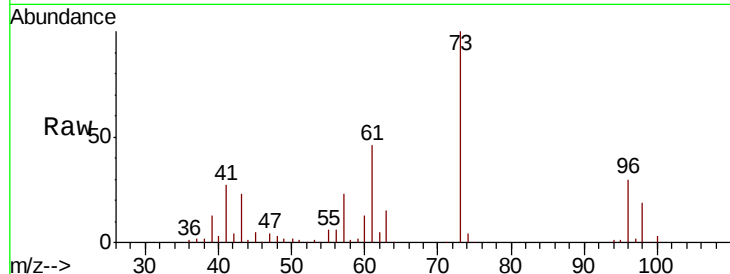




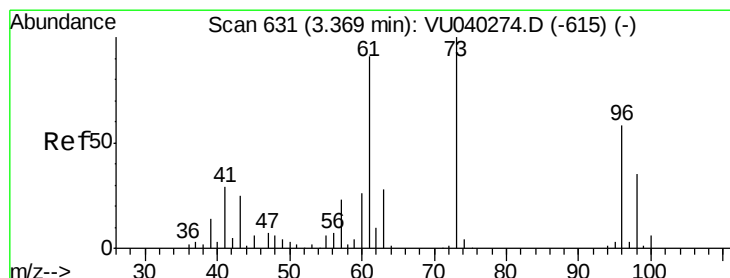
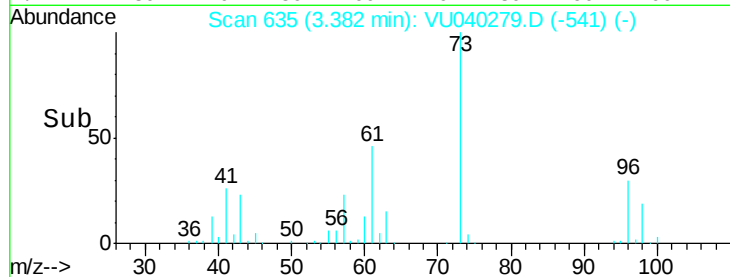
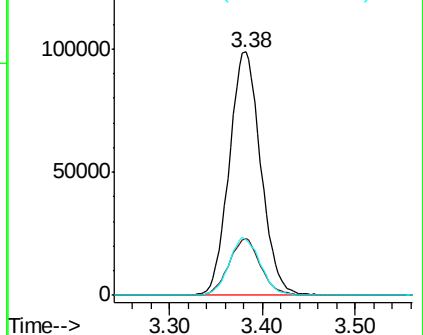
#17
Methvl tert-butvl Ether
Concen: 5.542 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU040279.D
Acq: 24 Sep 2020 18:33

Instrument :
MSVOA_U
ClientSampleId :
VICV106

Tot Ion: 73 Resp: 233292
Ion Ratio Lower Upper
73 100
43 23.5 19.0 28.6
57 23.5 18.6 27.8

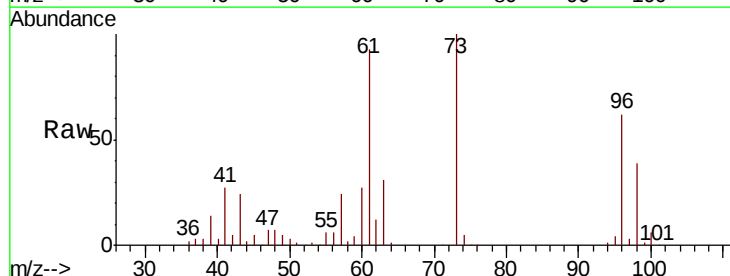


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

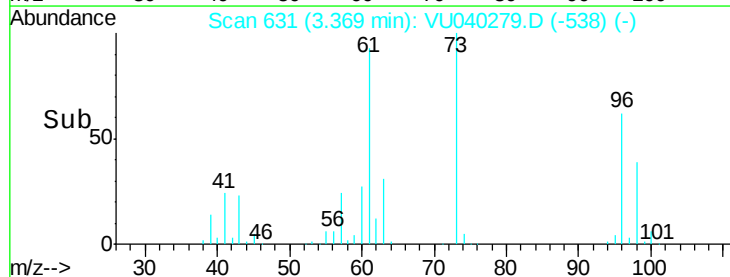
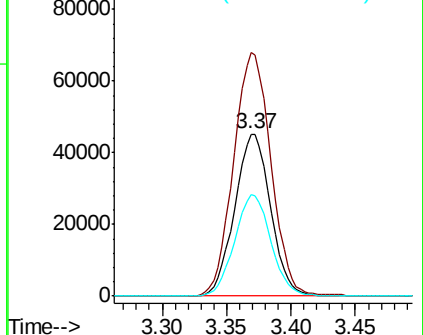


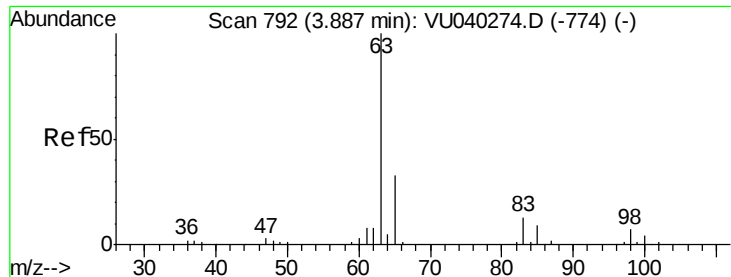
#18
trans-1,2-Dichloroethene
Concen: 5.253 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040279.D
Acq: 24 Sep 2020 18:33

Tgt Ion: 96 Resp: 87889
Ion Ratio Lower Upper
96 100
61 150.0 110.7 205.5
98 62.3 43.1 80.1



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: 5.351 ug/L

RT: 3.89 min Scan# 794

Delta R.T. 0.01 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

VICV106

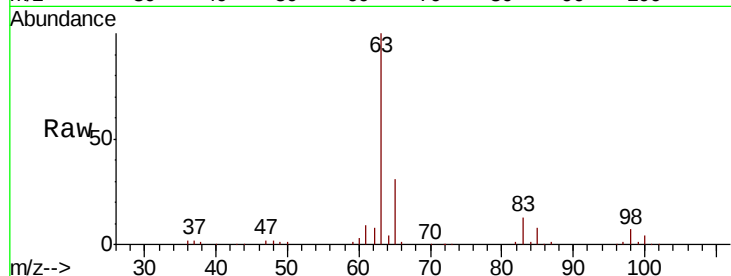
Tot Ion: 63 Resp: 176264

Ion Ratio Lower Upper

63 100

65 31.3 23.0 42.6

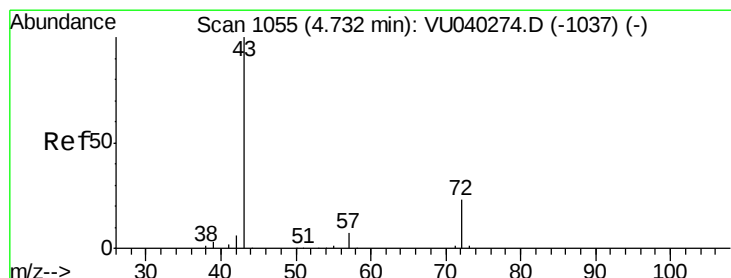
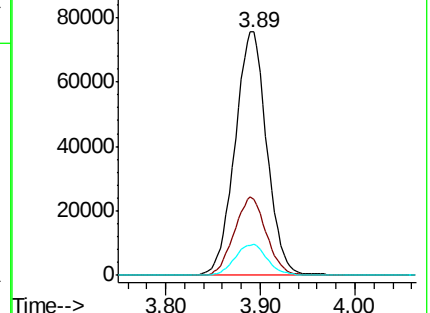
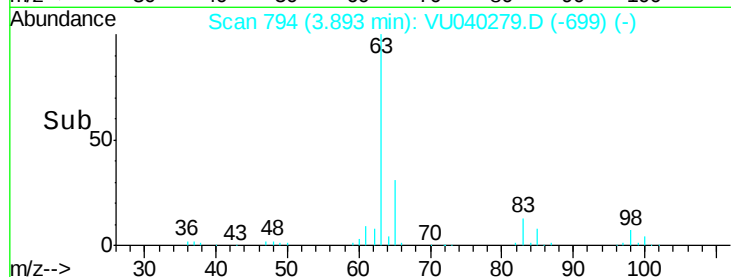
83 12.6 9.0 16.8



Abundance Ion 63.10 (62.80 to 63.80): VU040279.D (-699) (-)

Ion 65.10 (64.80 to 65.80): VU040279.D (-699) (-)

Ion 83.05 (82.75 to 83.75): VU040279.D (-699) (-)



#21

2-Butanone

Concen: 56.127 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VU040279.D

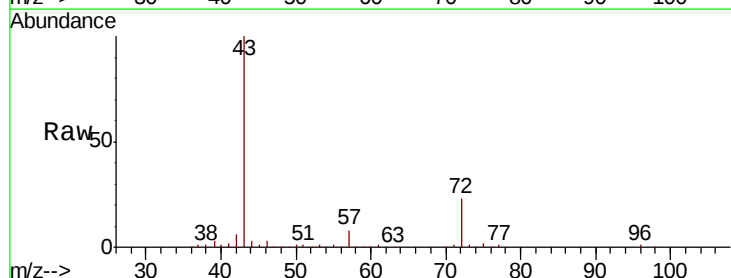
Acq: 24 Sep 2020 18:33

Tgt Ion: 43 Resp: 362123

Ion Ratio Lower Upper

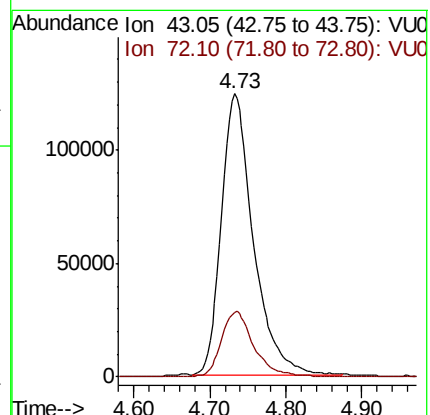
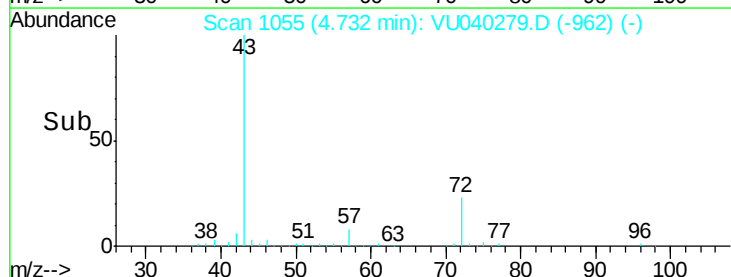
43 100

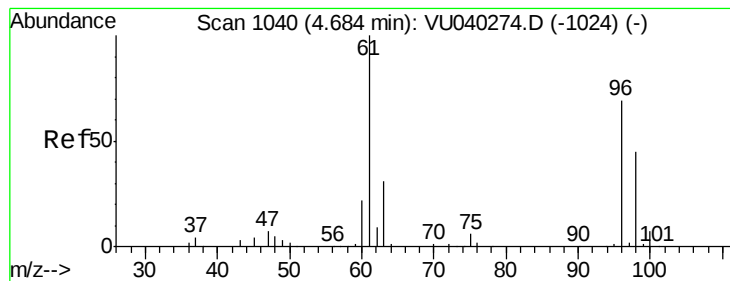
72 24.0 11.8 35.3



Abundance Ion 43.05 (42.75 to 43.75): VU040279.D (-962) (-)

Ion 72.10 (71.80 to 72.80): VU040279.D (-962) (-)





#22

cis-1,2-Dichloroethene

Concen: 5.407 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

VICV106

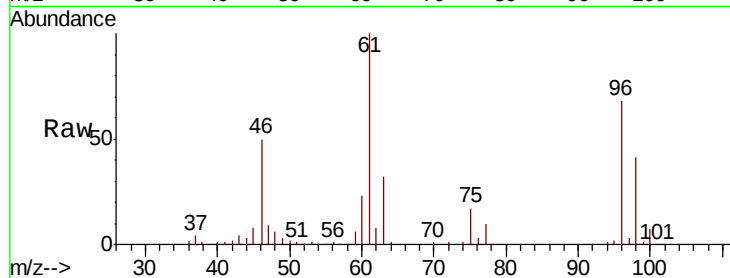
Tot Ion: 96 Resp: 94794

Ion Ratio Lower Upper

96 100

61 147.0 101.9 189.3

98 60.2 46.0 85.4

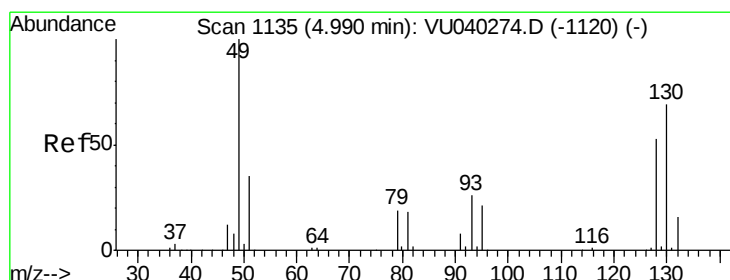
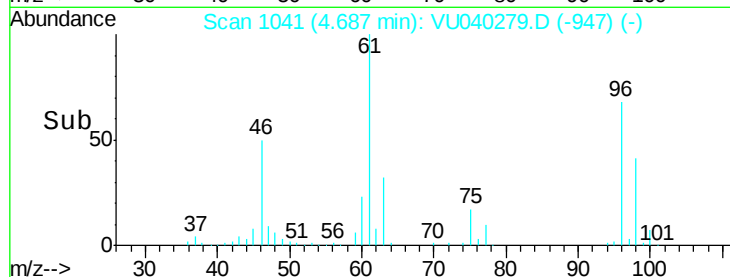
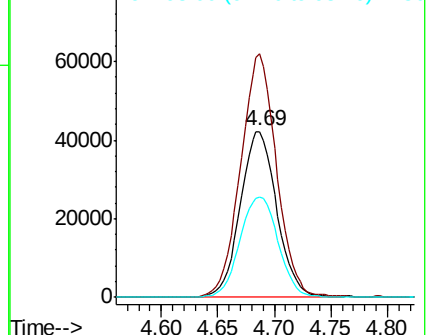


Abundance

Ion 96.00 (95.70 to 96.70): VU040279.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU040279.D (-947) (-)

Ion 98.00 (97.70 to 98.70): VU040279.D (-947) (-)



#23

Bromochloromethane

Concen: 5.342 ug/L

RT: 4.99 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Tgt Ion: 128 Resp: 43862

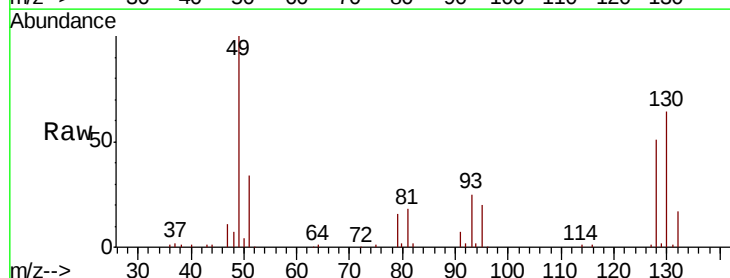
Ion Ratio Lower Upper

128 100

49 195.9 133.0 247.0

130 126.0 91.8 170.6

51 67.0 53.3 79.9



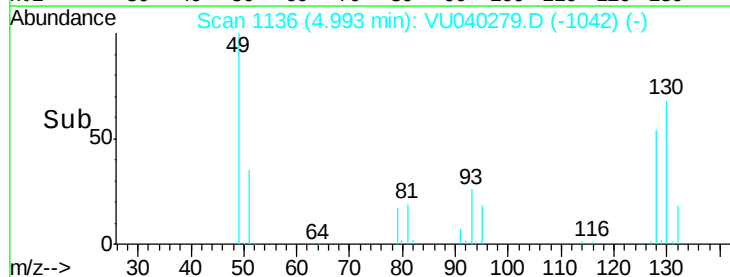
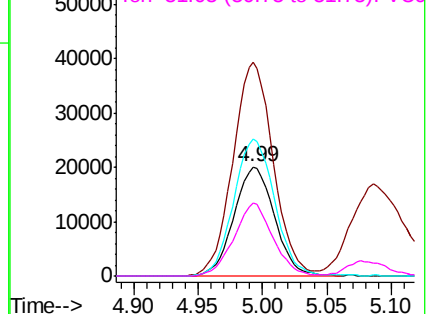
Abundance

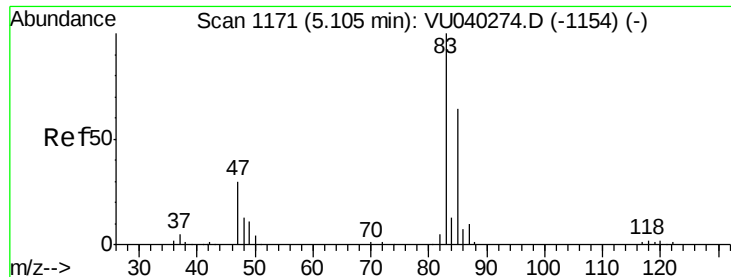
Ion 127.90 (127.60 to 128.60): VU040279.D (-1042) (-)

Ion 49.10 (48.80 to 49.80): VU040279.D (-1042) (-)

Ion 129.95 (129.65 to 130.65): VU040279.D (-1042) (-)

Ion 51.05 (50.75 to 51.75): VU040279.D (-1042) (-)

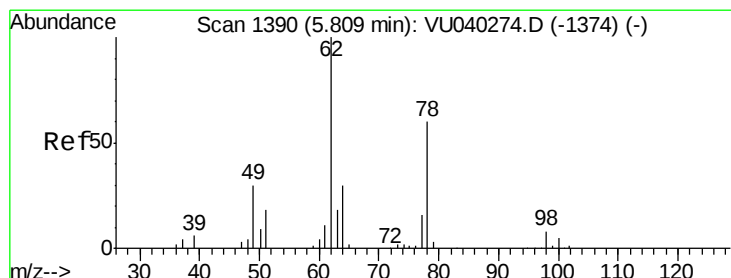
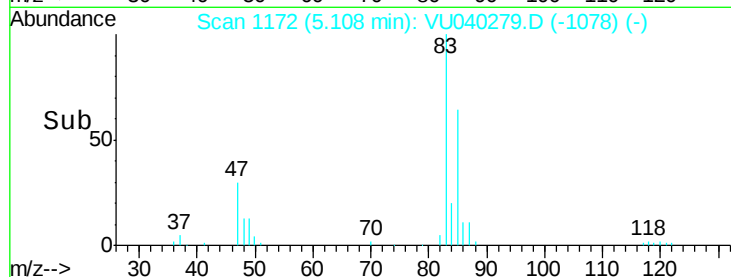
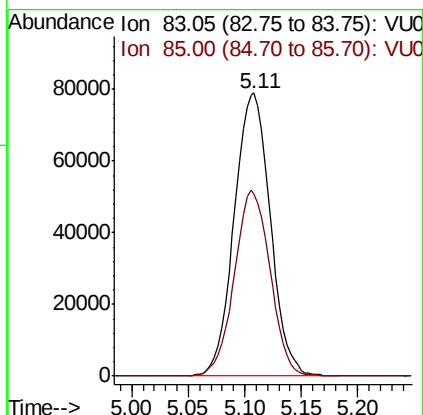
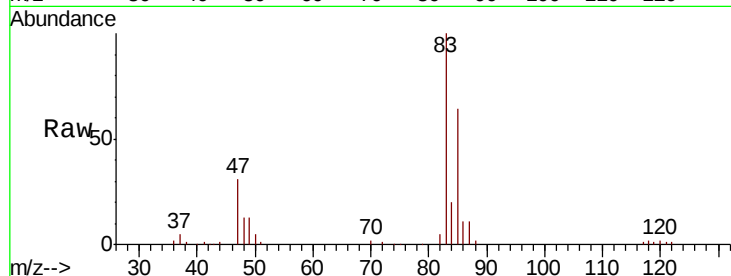




#25
Chloroform
Concen: 5.315 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040279.D
Acq: 24 Sep 2020 18:33

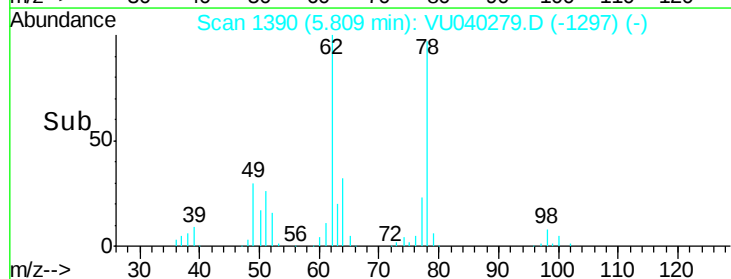
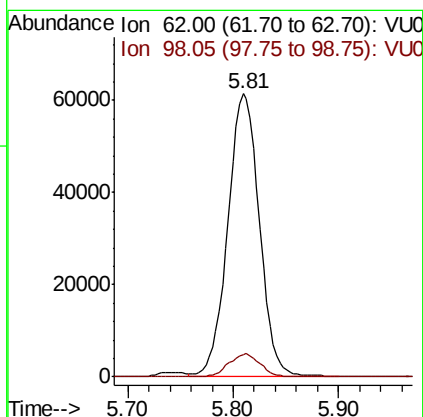
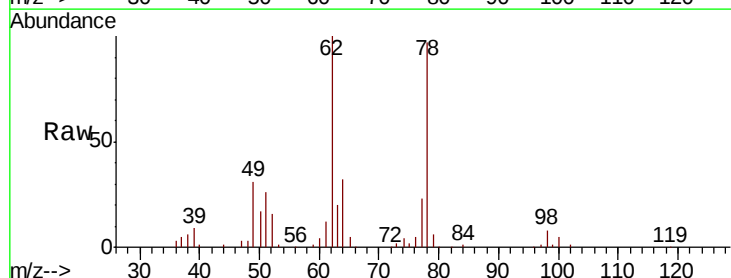
Instrument :
MSVOA_U
ClientSampleId :
VICV106

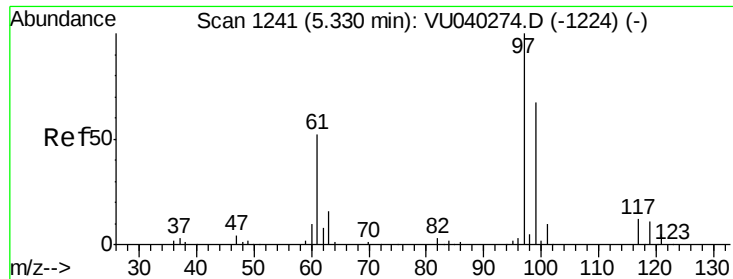
Tot Ion: 83 Resp: 175586
Ion Ratio Lower Upper
83 100
85 64.4 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.387 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU040279.D
Acq: 24 Sep 2020 18:33

Tgt Ion: 62 Resp: 127936
Ion Ratio Lower Upper
62 100
98 8.0 6.5 9.7

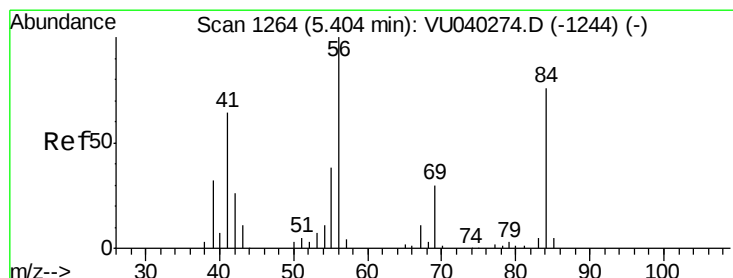
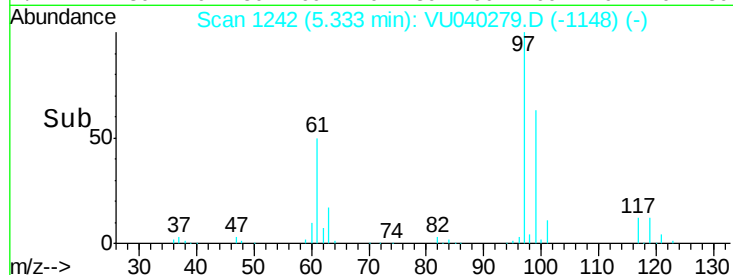
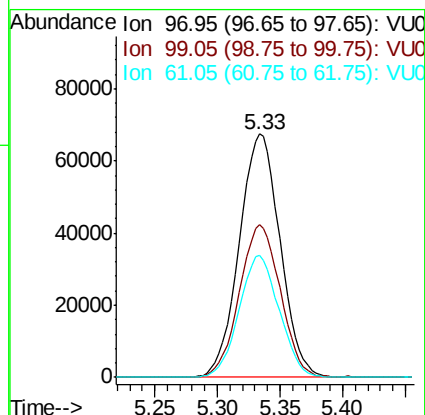
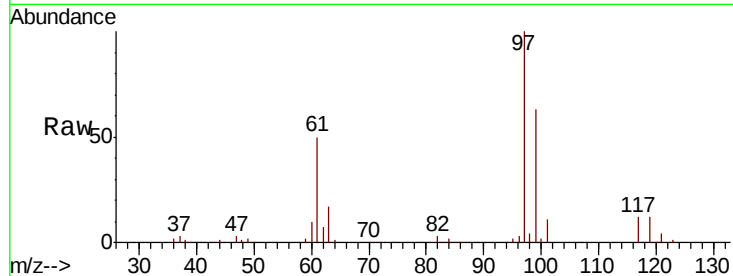




#29
 1,1,1-Trichloroethane
 Concen: 5.464 ug/L
 RT: 5.33 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

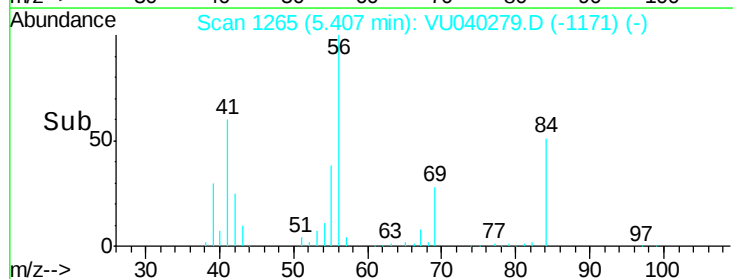
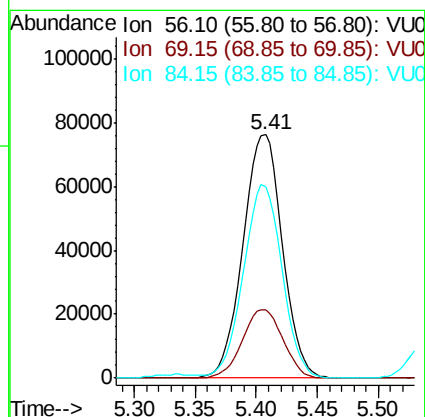
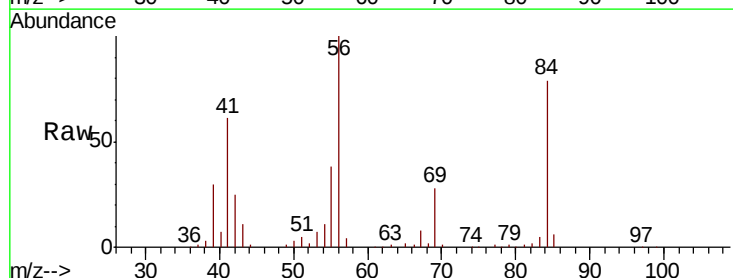
Instrument :
 MSVOA_U
 ClientSampled :
 VICV106

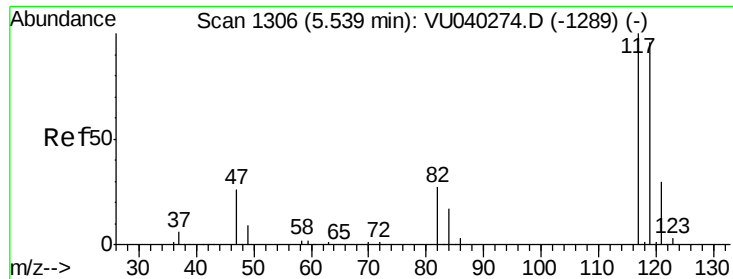
Tot Ion: 97 Resp: 152559
 Ion Ratio Lower Upper
 97 100
 99 63.2 52.1 78.1
 61 49.5 40.2 60.4



#30
 Cyclohexane
 Concen: 5.579 ug/L
 RT: 5.41 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

Tgt Ion: 56 Resp: 170198
 Ion Ratio Lower Upper
 56 100
 69 28.9 23.0 34.6
 84 78.1 63.3 94.9

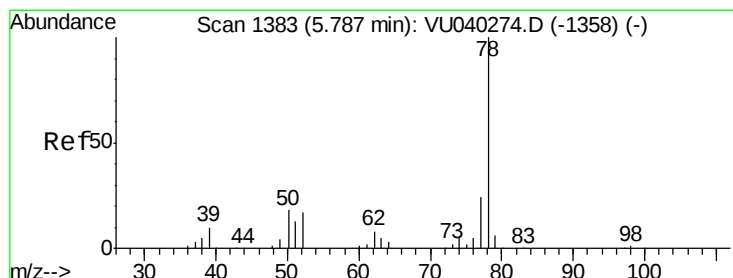
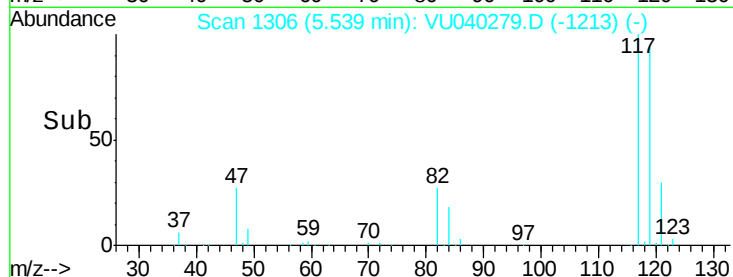
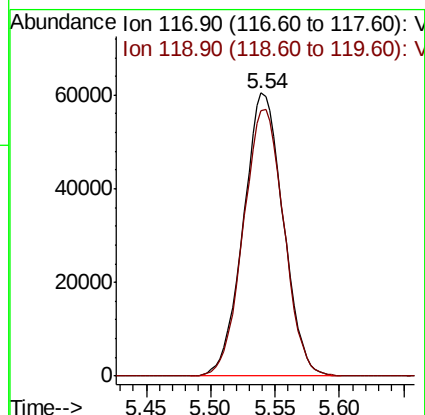
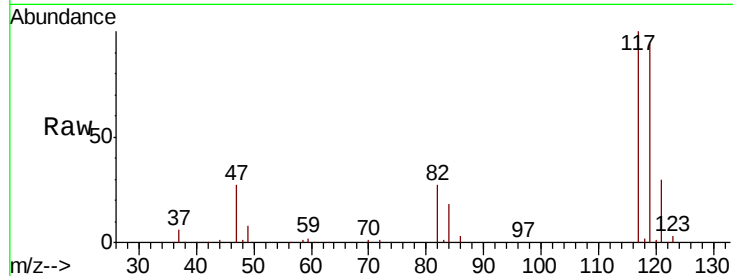




#31
Carbon tetrachloride
Concen: 5.450 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU040279.D
Acq: 24 Sep 2020 18:33

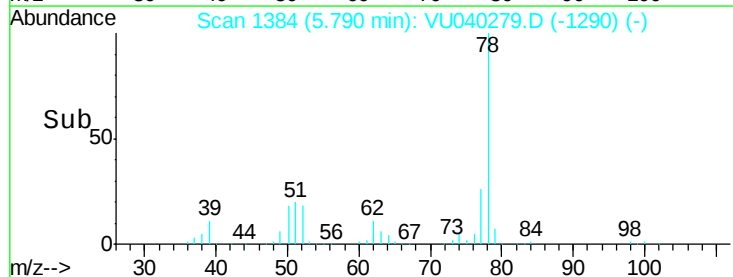
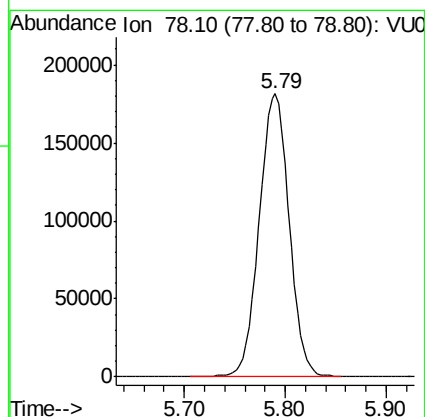
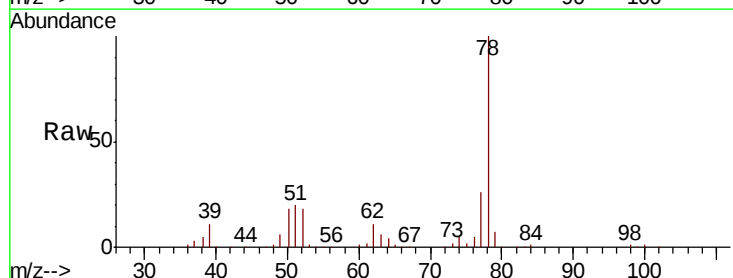
Instrument :
MSVOA_U
ClientSampleId :
VICV106

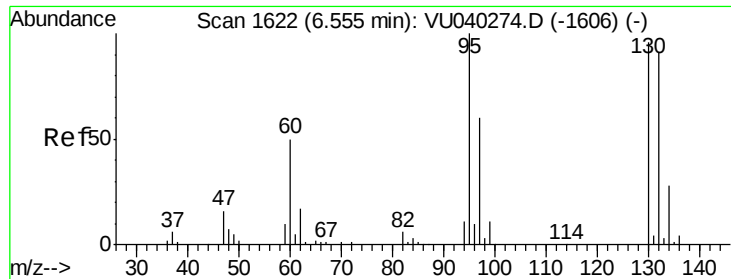
Tot Ion:117 Resp: 130161
Ion Ratio Lower Upper
117 100
119 95.7 78.6 117.8



#33
Benzene
Concen: 5.420 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040279.D
Acq: 24 Sep 2020 18:33

Tgt Ion: 78 Resp: 374214

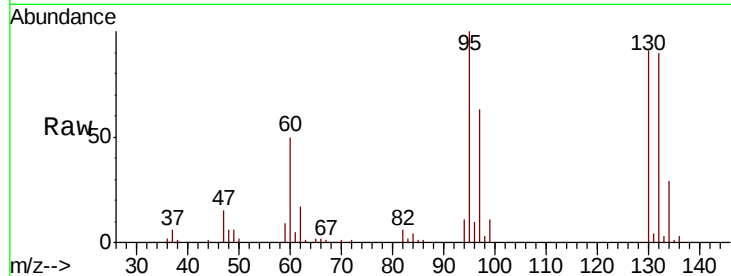




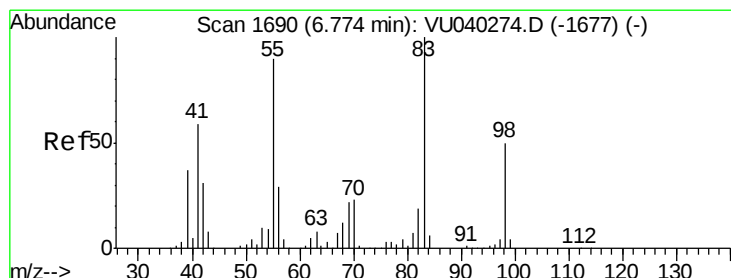
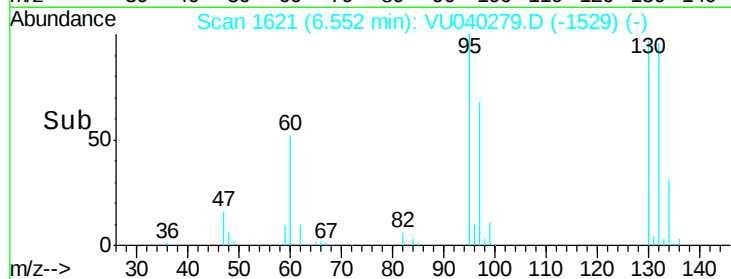
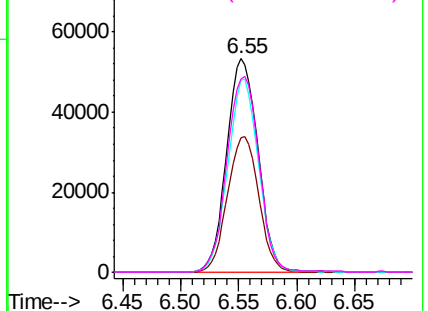
#34
 Trichloroethene
 Concen: 5.567 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV106

Tot Ion: 95 Resp: 99799
 Ion Ratio Lower Upper
 95 100
 97 63.1 42.1 78.3
 132 90.0 63.8 118.4
 130 90.8 67.3 125.1

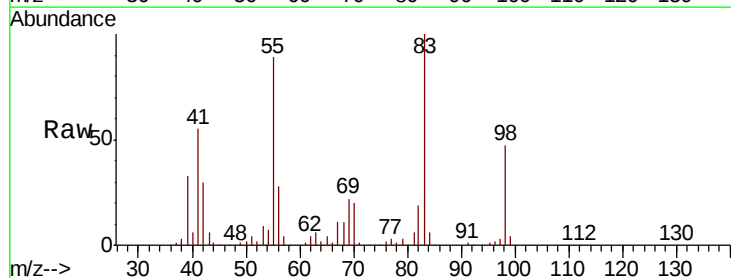


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

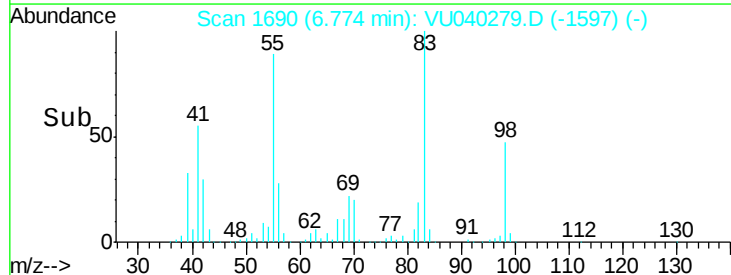
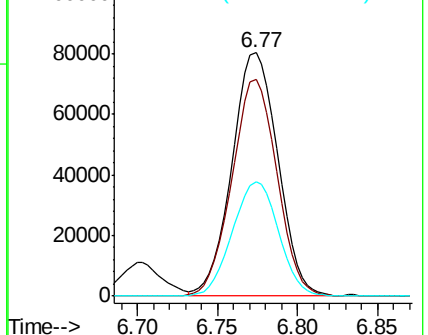


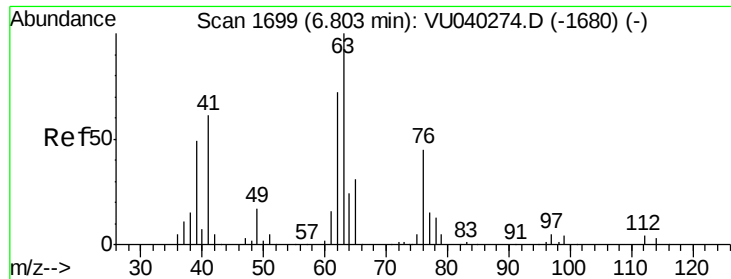
#35
 Methylcyclohexane
 Concen: 5.588 ug/L
 RT: 6.77 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

Tgt Ion: 83 Resp: 156787
 Ion Ratio Lower Upper
 83 100
 55 88.0 71.7 107.5
 98 47.5 38.6 58.0



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

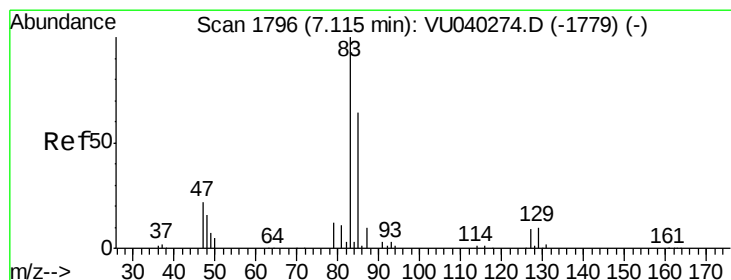
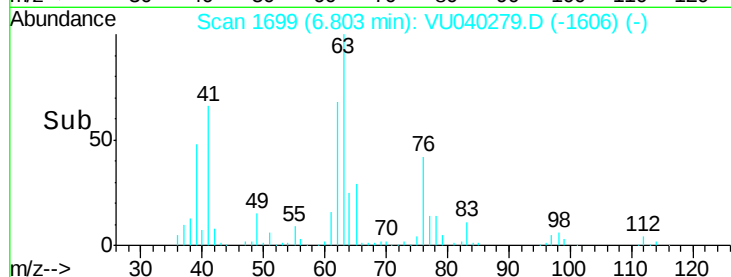
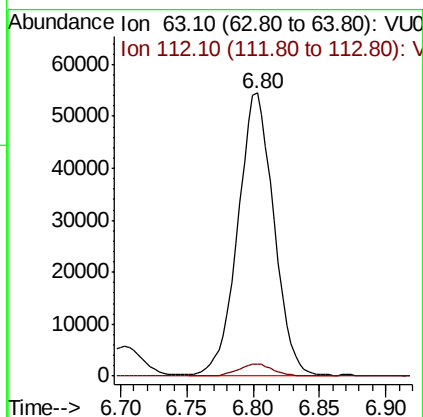
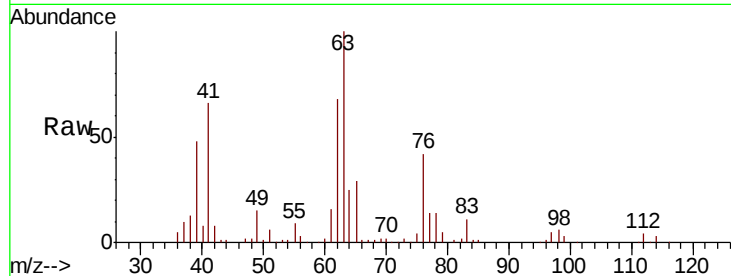




#37
 1,2-Dichloropropane
 Concen: 5.322 ug/L
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

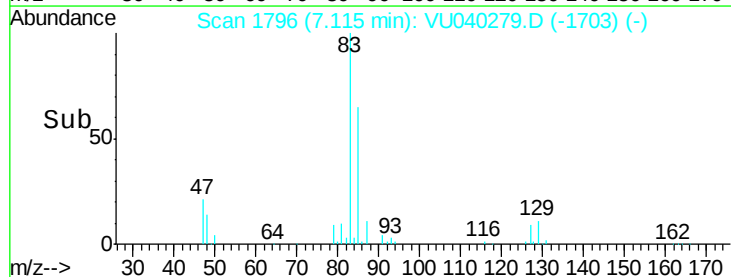
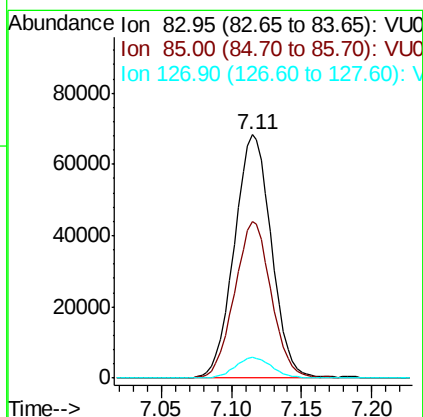
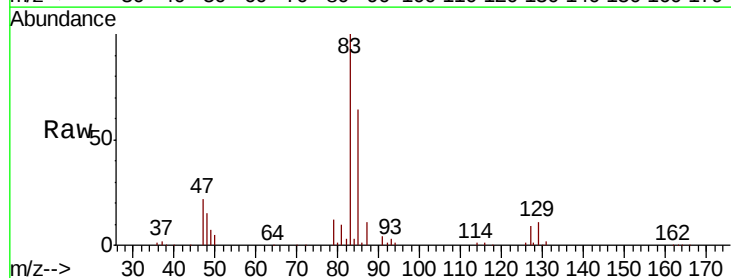
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV106

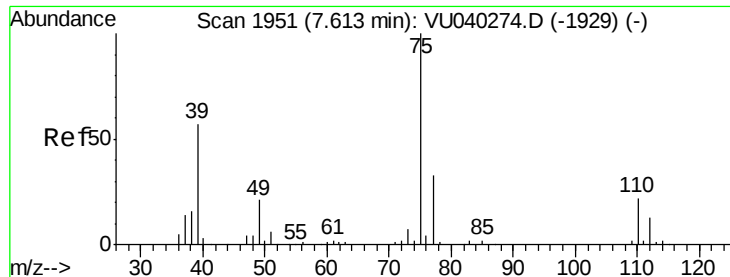
Tot Ion: 63 Resp: 102044
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.5 5.3



#38
 Bromodichloromethane
 Concen: 5.363 ug/L
 RT: 7.11 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

Tgt Ion: 83 Resp: 125713
 Ion Ratio Lower Upper
 83 100
 85 64.5 44.6 82.8
 127 8.5 6.8 10.2

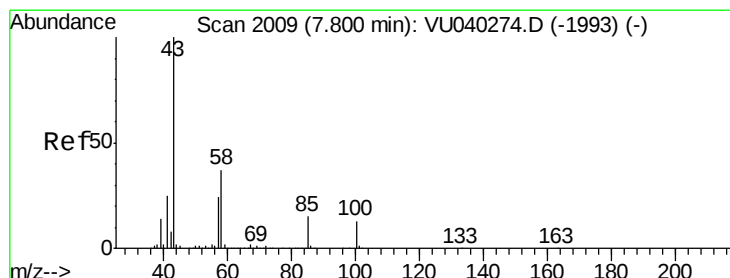
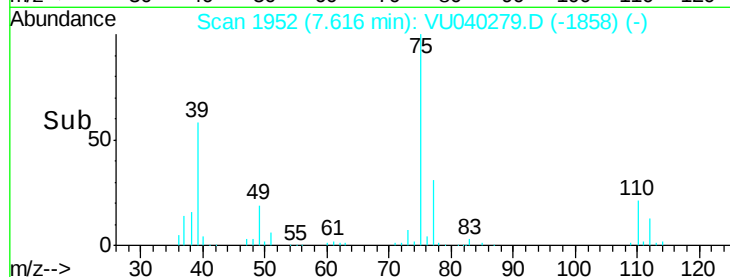
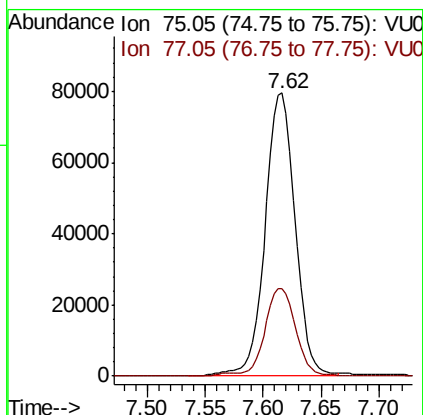
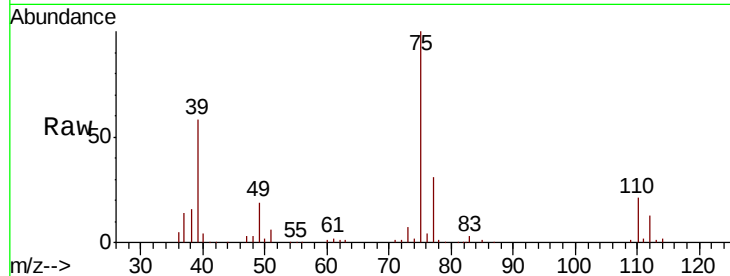




#39
 cis-1,3-Dichloropropene
 Concen: 5.474 ug/L
 RT: 7.62 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

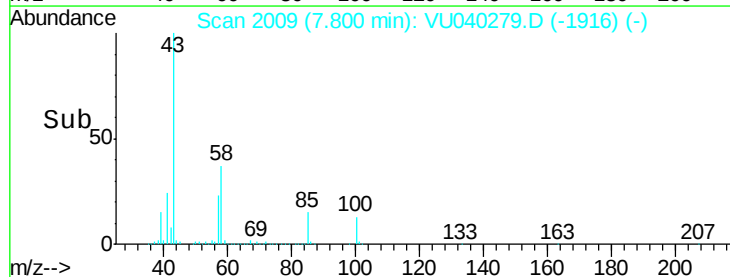
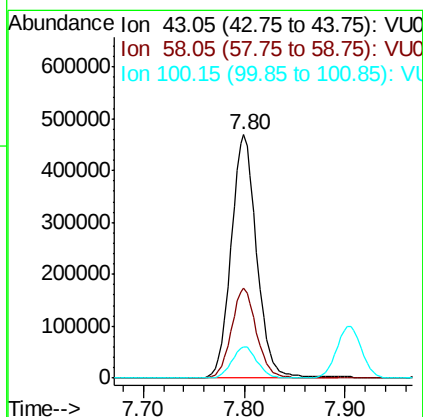
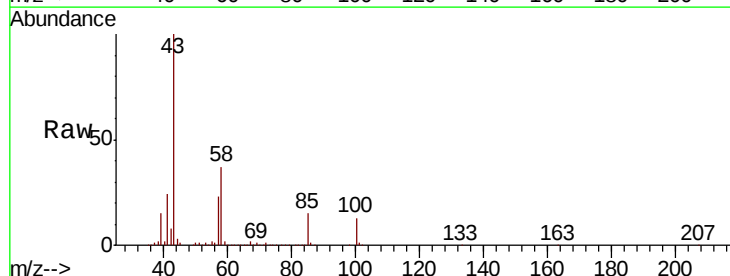
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV106

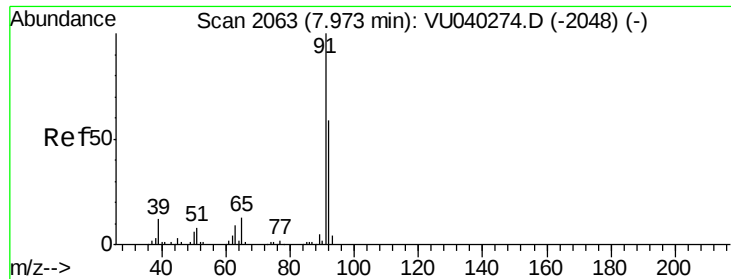
Tot Ion: 75 Resp: 142863
 Ion Ratio Lower Upper
 75 100
 77 30.9 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 56.263 ug/L
 RT: 7.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

Tgt Ion: 43 Resp: 825770
 Ion Ratio Lower Upper
 43 100
 58 36.3 28.8 43.2
 100 12.8 10.3 15.5





#42

Toluene

Concen: 5.626 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

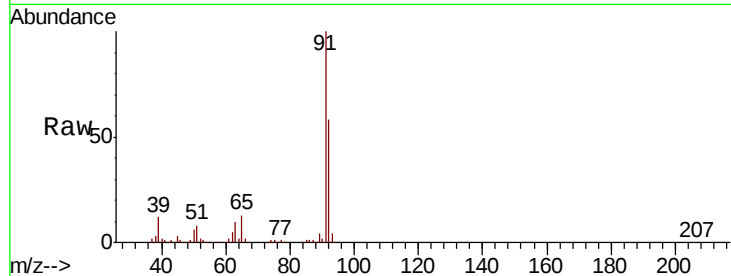
VICV106

Tot Ion: 91 Resp: 392755

Ion Ratio Lower Upper

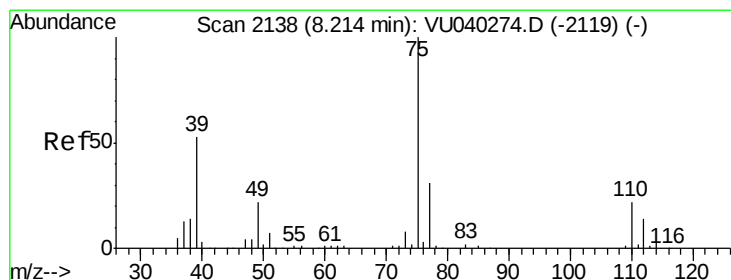
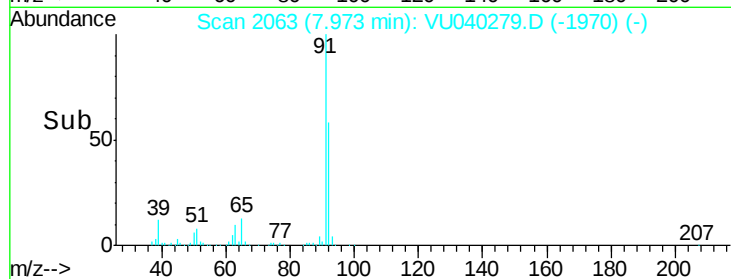
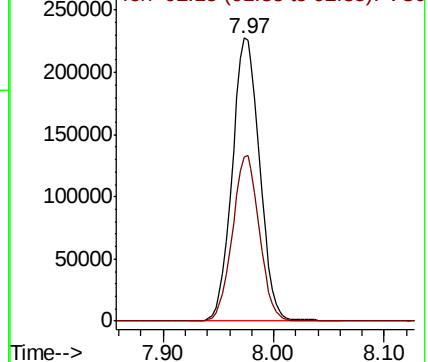
91 100

92 58.1 41.0 76.2



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: 5.498 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU040279.D

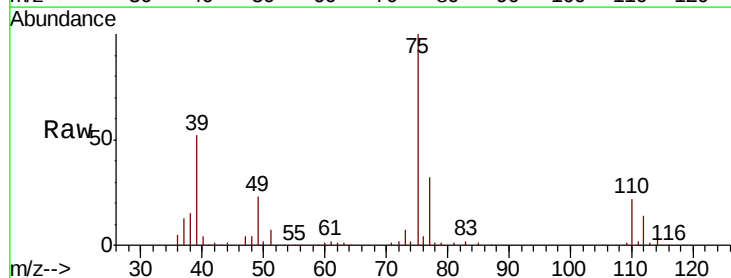
Acq: 24 Sep 2020 18:33

Tgt Ion: 75 Resp: 132992

Ion Ratio Lower Upper

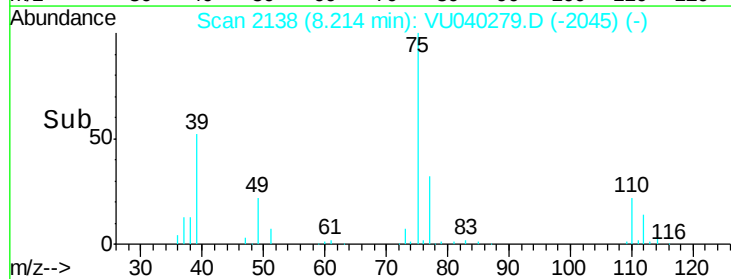
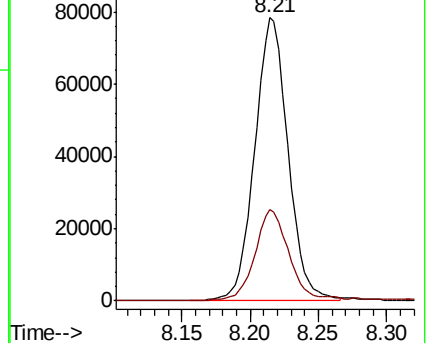
75 100

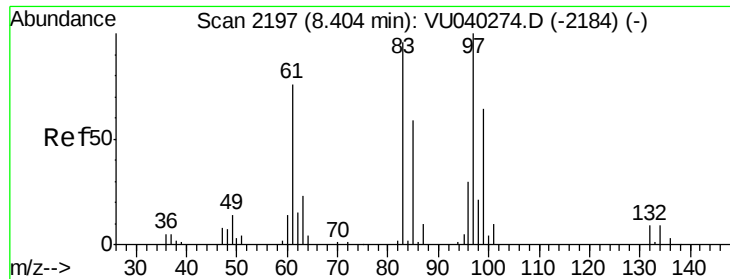
77 32.2 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

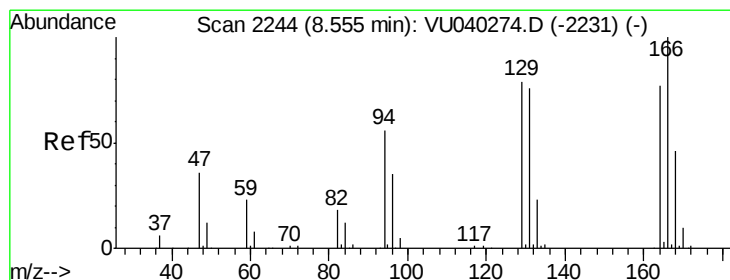
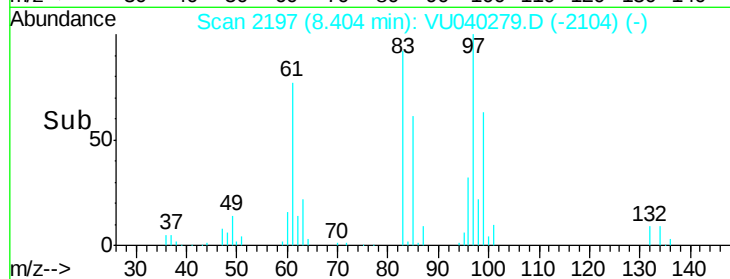
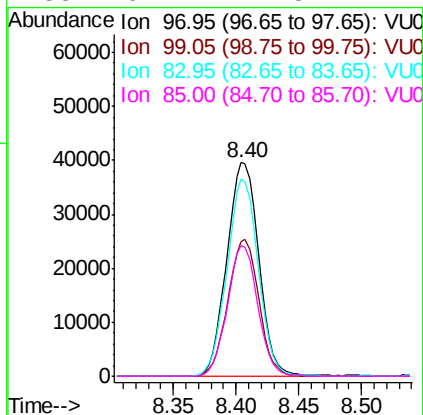
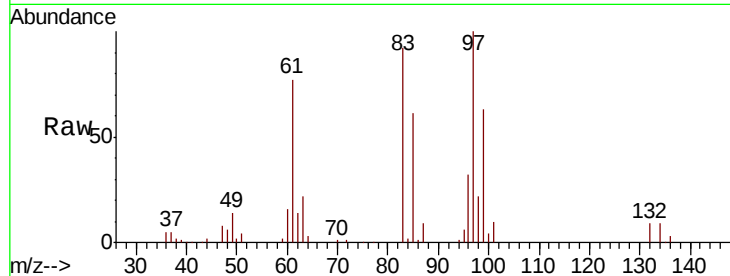




#45
 1,1,2-Trichloroethane
 Concen: 5.381 ug/L
 RT: 8.40 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

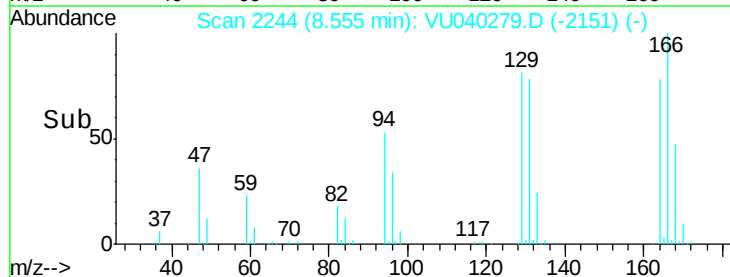
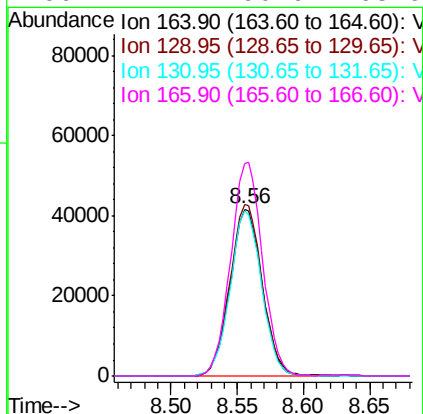
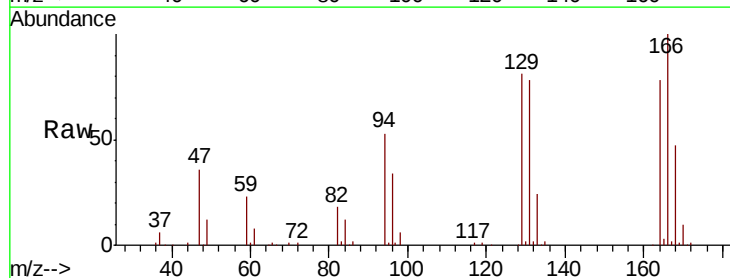
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV106

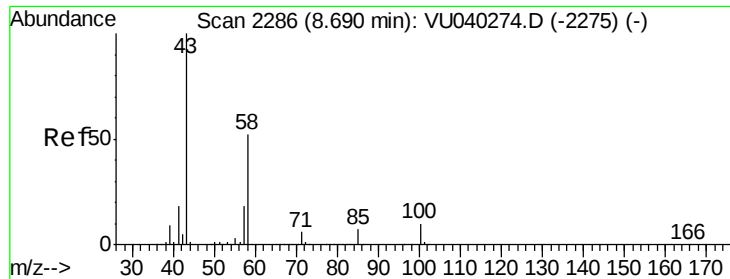
Tot Ion:	97	Resp:	70173
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.9	83.3
83	92.2	67.3	124.9
85	61.4	41.5	77.1



#47
 Tetrachloroethene
 Concen: 5.420 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

Tgt Ion:	164	Resp:	70102
Ion	Ratio	Lower	Upper
164	100		
129	103.0	71.5	132.7
131	98.8	69.1	128.3
166	127.4	90.9	168.9

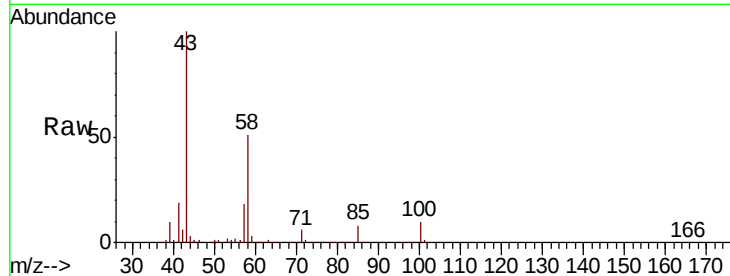




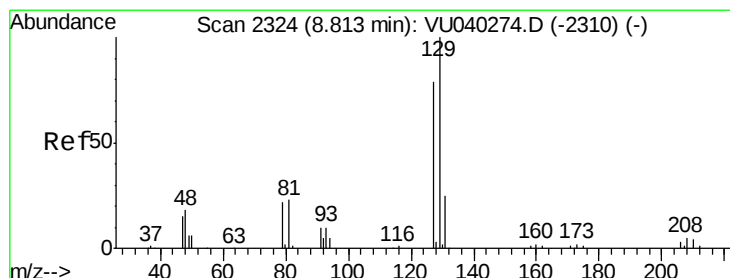
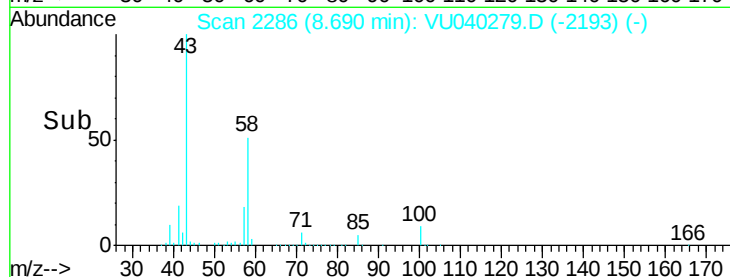
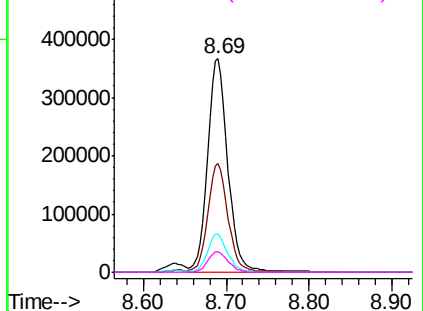
#48
2-Hexanone
Concen: 58.695 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.00 min
Lab File: VU040279.D
Acq: 24 Sep 2020 18:33

Instrument :
MSVOA_U
ClientSampleId :
VICV106

Tot Ion: 43 Resp: 629628
Ion Ratio Lower Upper
43 100
58 50.9 39.9 59.9
57 17.3 13.8 20.8
100 9.7 7.9 11.9

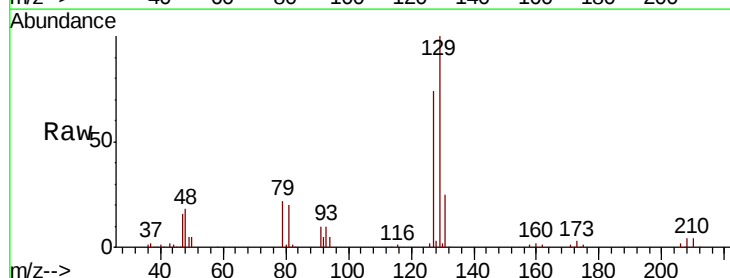


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

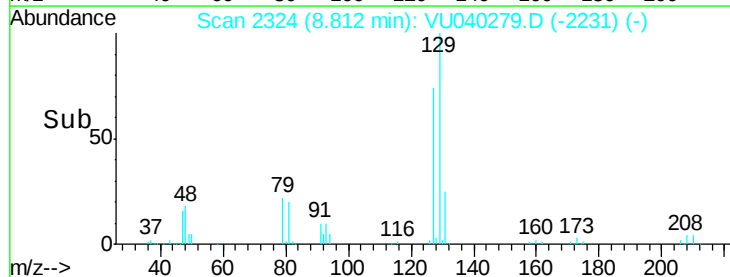
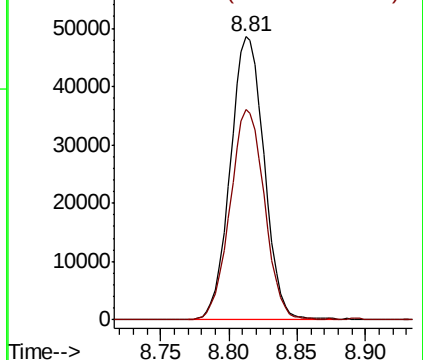


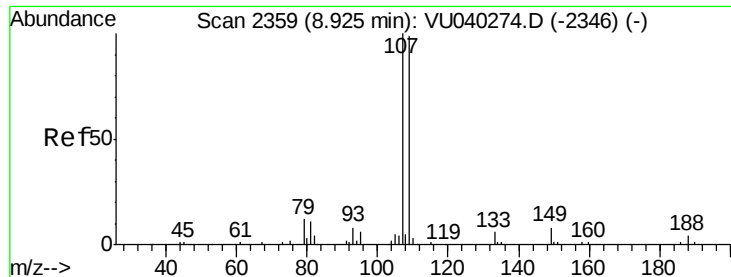
#49
Dibromochloromethane
Concen: 5.559 ug/L
RT: 8.81 min Scan# 2324
Delta R.T. -0.00 min
Lab File: VU040279.D
Acq: 24 Sep 2020 18:33

Tgt Ion: 129 Resp: 83781
Ion Ratio Lower Upper
129 100
127 74.4 55.0 102.2



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

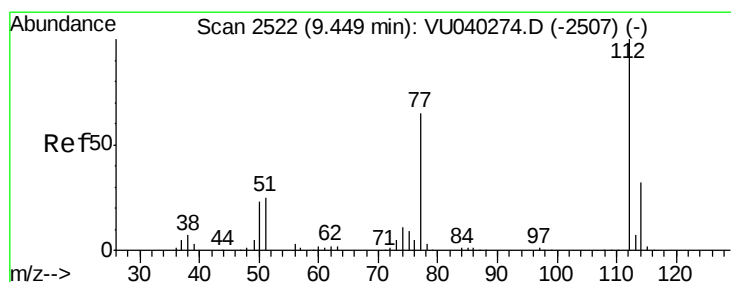
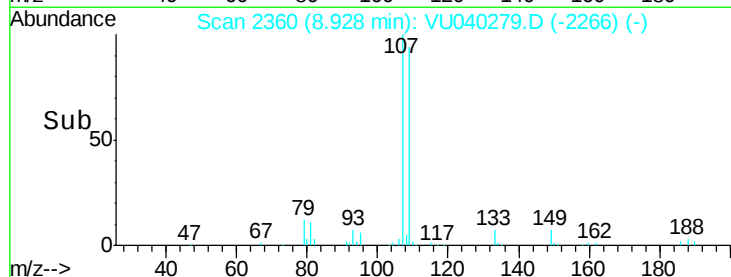
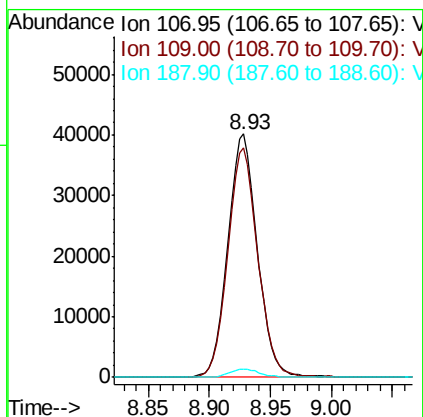
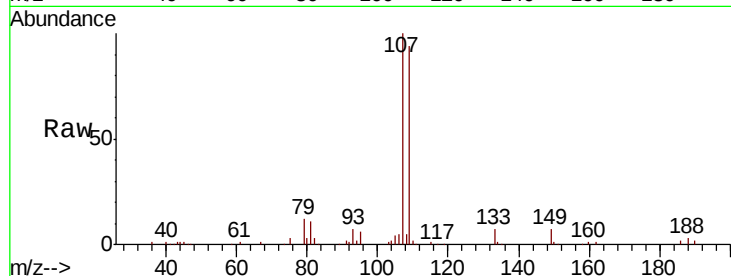




#50
 1,2-Dibromoethane
 Concen: 5.349 ug/L
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

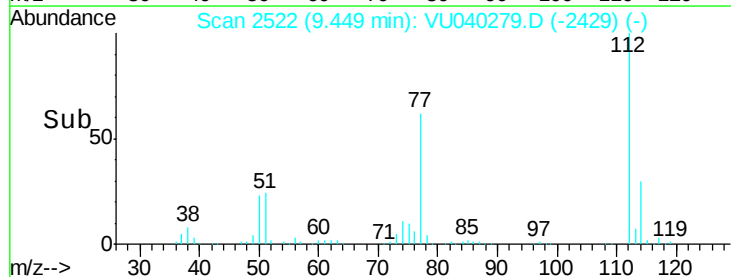
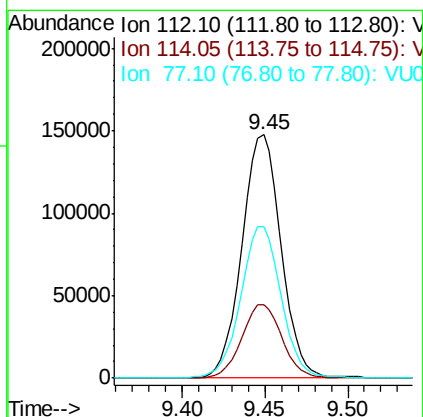
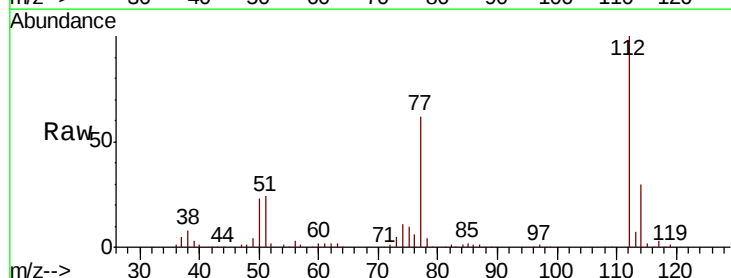
Instrument :
 MSVOA_U
 ClientSampled :
 VICV106

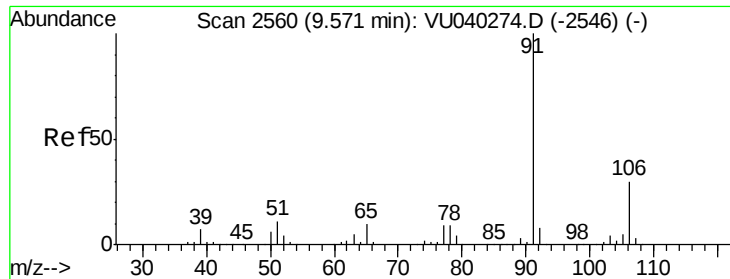
Tot Ion:107 Resp: 67878
 Ion Ratio Lower Upper
 107 100
 109 94.3 69.4 129.0
 188 3.2 2.9 4.3



#51
 Chlorobenzene
 Concen: 5.408 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

Tgt Ion:112 Resp: 242833
 Ion Ratio Lower Upper
 112 100
 114 30.3 22.7 42.3
 77 62.3 52.0 78.0





#52

Ethylbenzene

Concen: 5.492 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

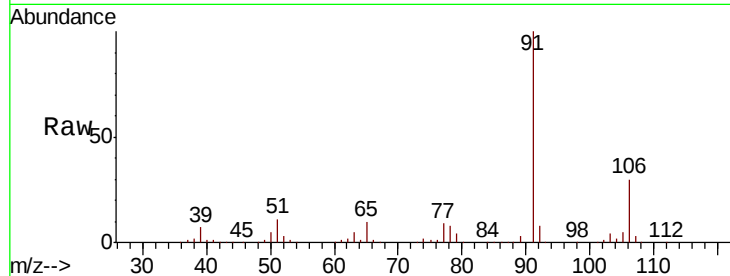
VICV106

Tot Ion: 91 Resp: 423599

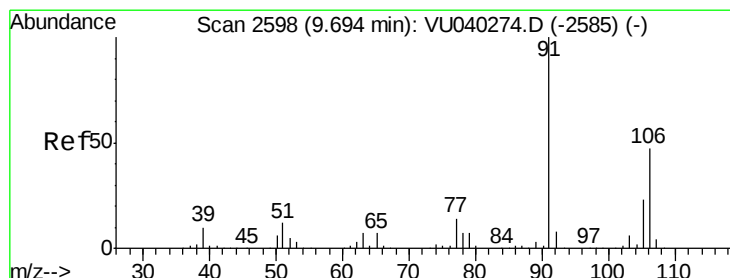
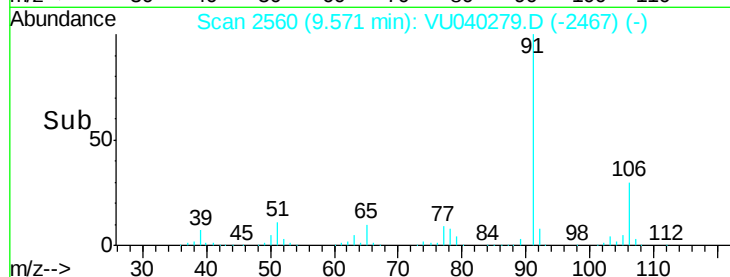
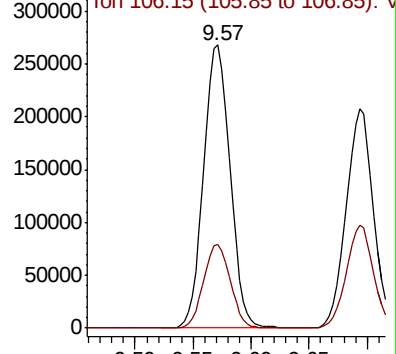
Ion Ratio Lower Upper

91 100

106 29.6 20.6 38.4



Abundance Ion 91.15 (90.85 to 91.85): VU040279.D (-2467) (-)



#53

m,p-Xylene

Concen: 5.763 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040279.D

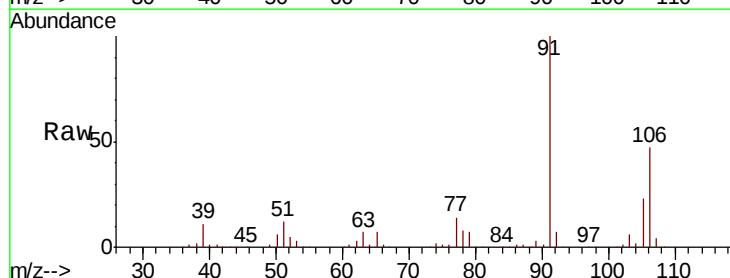
Acq: 24 Sep 2020 18:33

Tgt Ion: 106 Resp: 160266

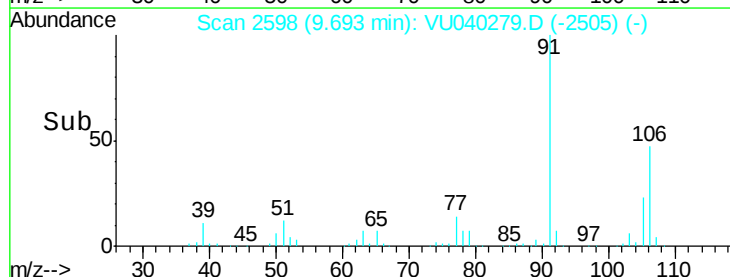
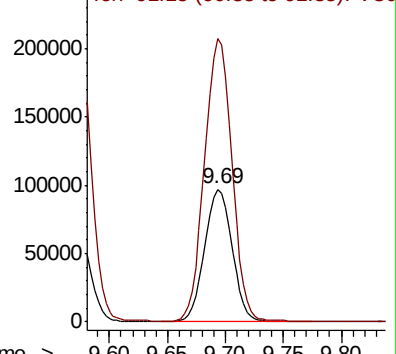
Ion Ratio Lower Upper

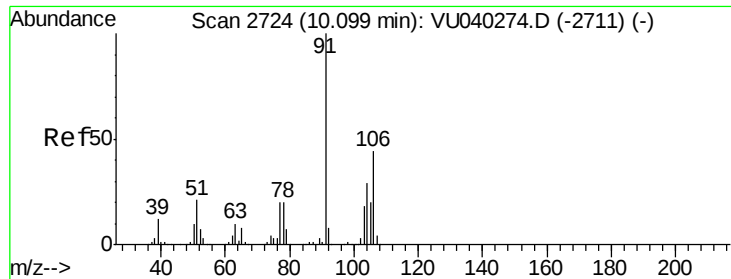
106 100

91 213.7 150.4 279.2



Abundance Ion 106.15 (105.85 to 106.85): VU040279.D (-2505) (-)

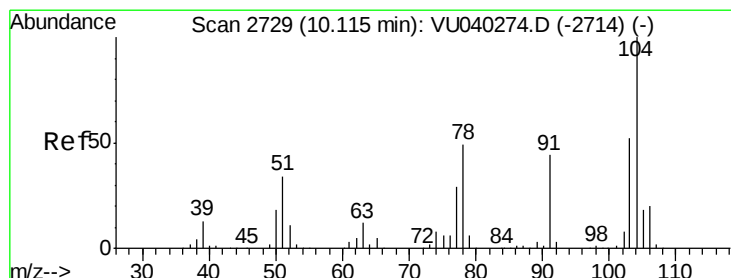
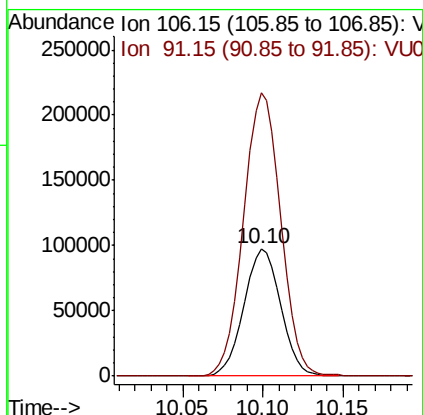
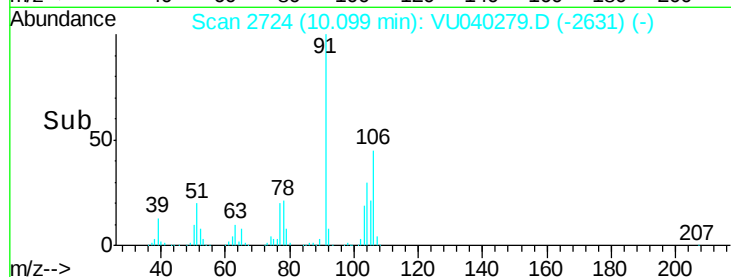
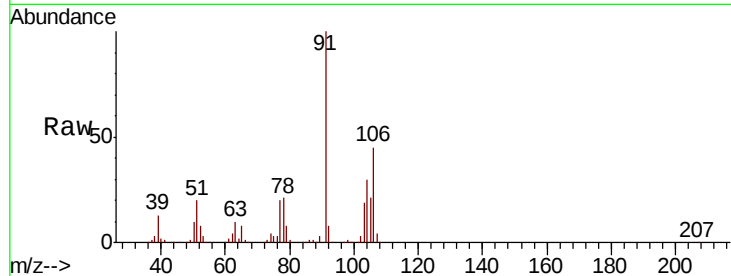




#54
o-Xylene
Concen: 5.736 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040279.D
Acq: 24 Sep 2020 18:33

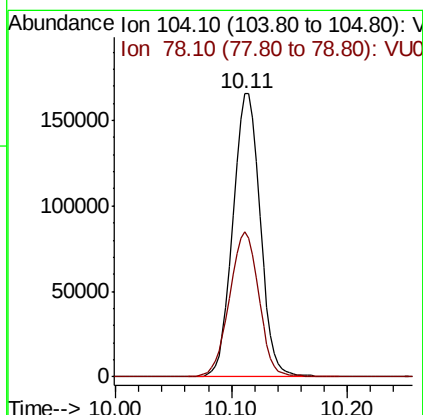
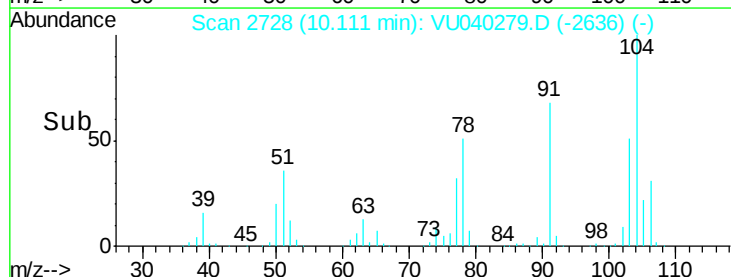
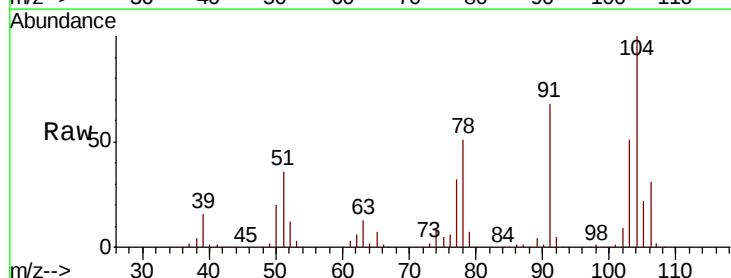
Instrument :
MSVOA_U
ClientSampleId :
VICV106

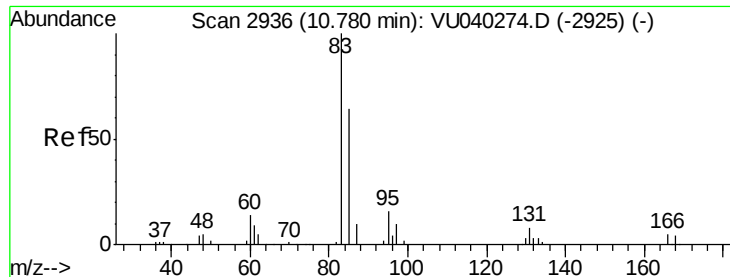
Tot Ion:106 Resp: 153695
Ion Ratio Lower Upper
106 100
91 221.6 160.5 298.1



#55
Styrene
Concen: 5.825 ug/L
RT: 10.11 min Scan# 2728
Delta R.T. -0.00 min
Lab File: VU040279.D
Acq: 24 Sep 2020 18:33

Tgt Ion:104 Resp: 268983
Ion Ratio Lower Upper
104 100
78 51.2 34.6 64.3

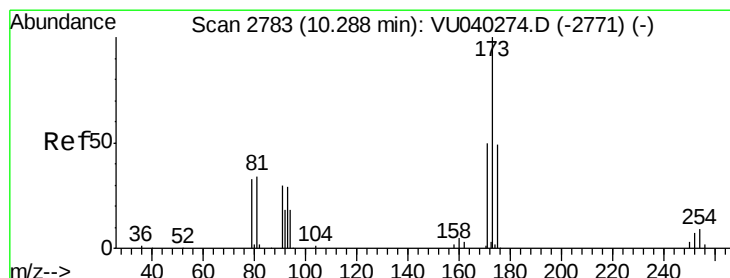
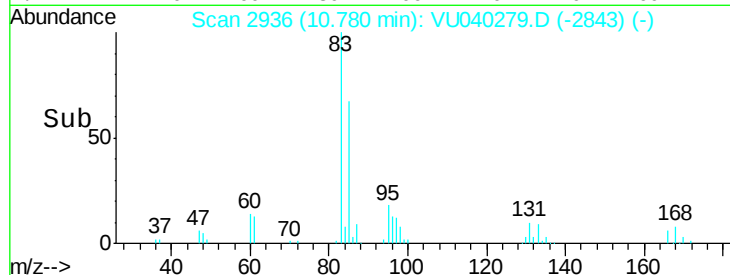
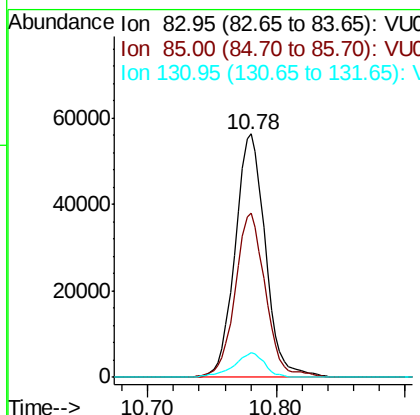
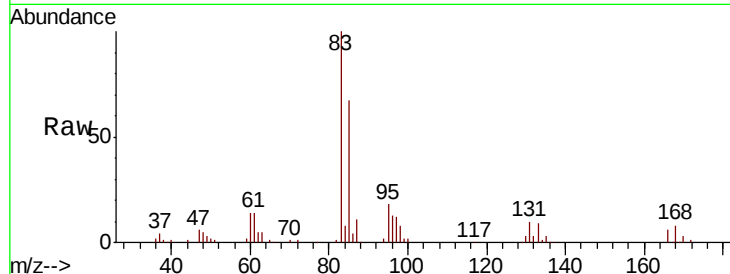




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.305 ug/L
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

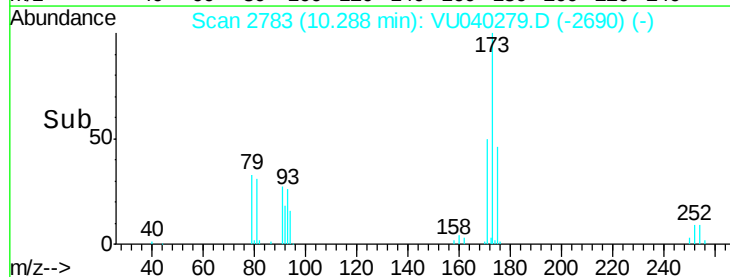
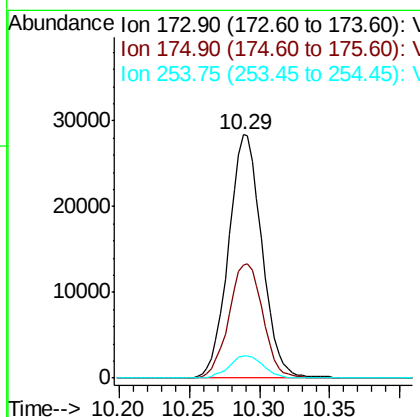
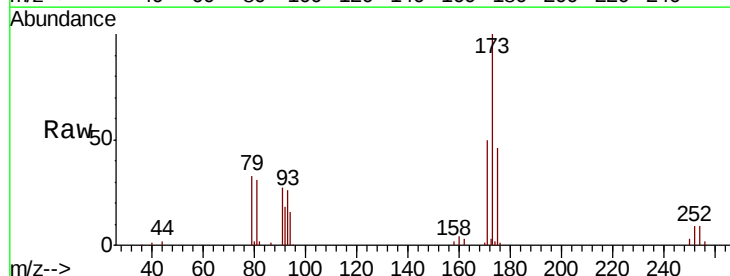
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV106

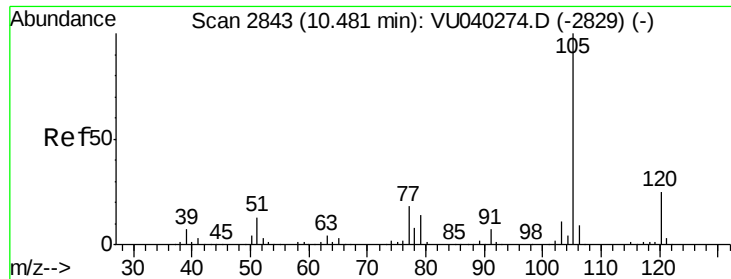
Tot Ion: 83 Resp: 91686
 Ion Ratio Lower Upper
 83 100
 85 67.2 45.5 84.5
 131 10.0 7.4 11.2



#59
 Bromoform
 Concen: 5.544 ug/L
 RT: 10.29 min Scan# 2783
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

Tgt Ion: 173 Resp: 46938
 Ion Ratio Lower Upper
 173 100
 175 47.8 39.0 58.6
 254 9.2 7.1 10.7





#60

Isopropylbenzene

Concen: 5.702 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

VICV106

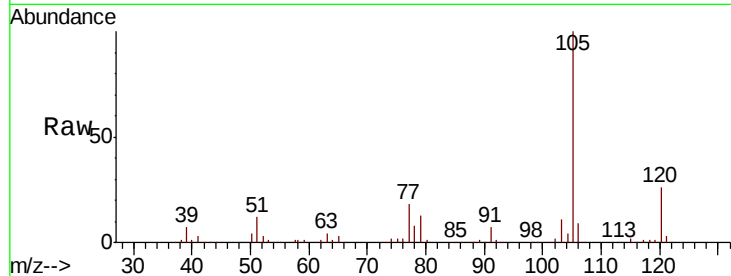
Tot Ion:105 Resp: 415222

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

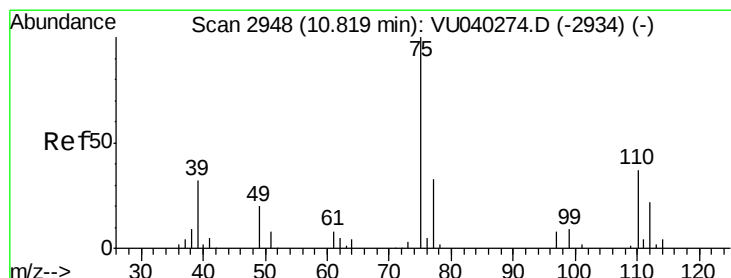
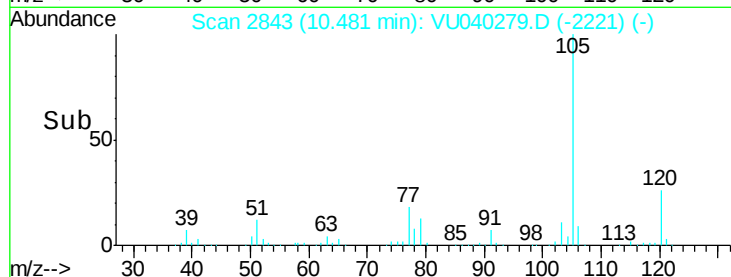
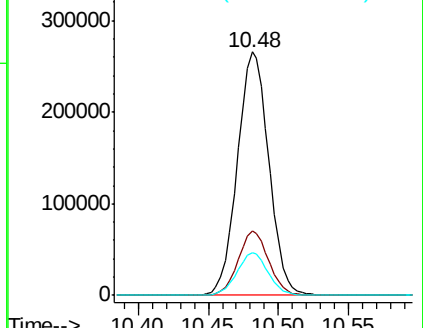
77 17.4 14.2 21.2



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): V



#61

1,2,3-Trichloropropane

Concen: 5.250 ug/L

RT: 10.82 min Scan# 2948

Delta R.T. -0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

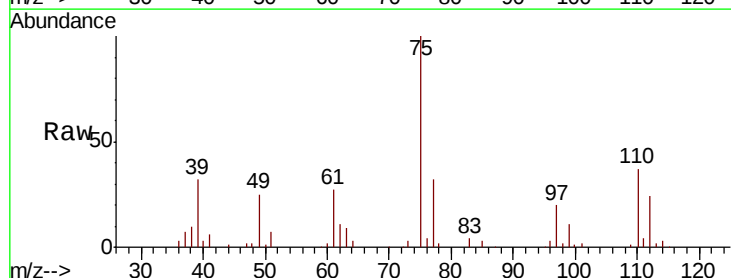
Tgt Ion: 75 Resp: 70793

Ion Ratio Lower Upper

75 100

110 36.5 29.3 43.9

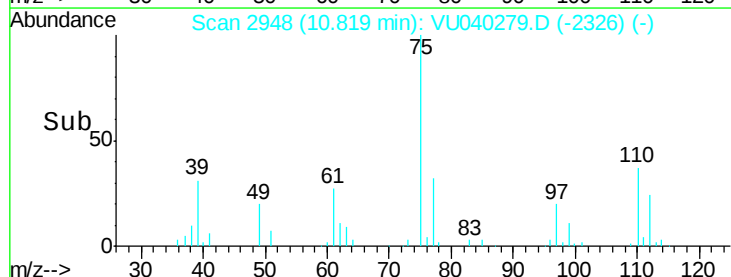
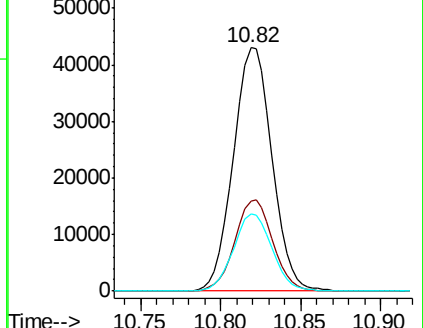
77 31.6 25.9 38.9

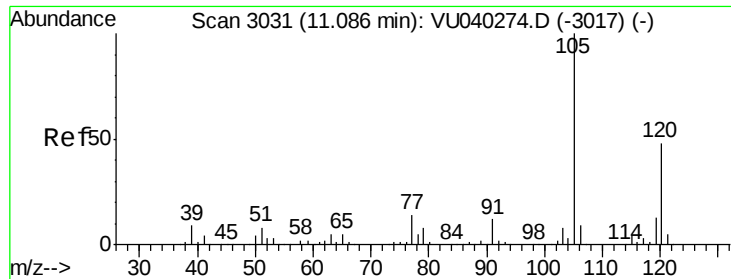


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): V





#62

1,3,5-Trimethylbenzene

Concen: 5.718 ug/L

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

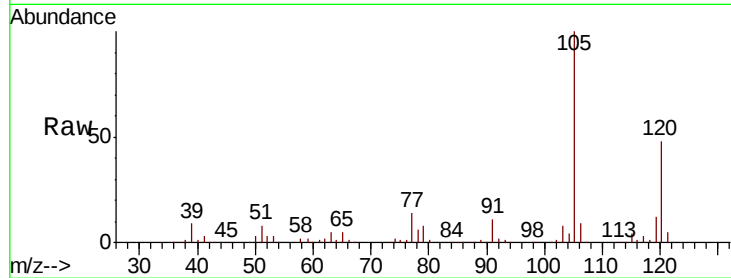
VICV106

Tot Ion:105 Resp: 337214

Ion Ratio Lower Upper

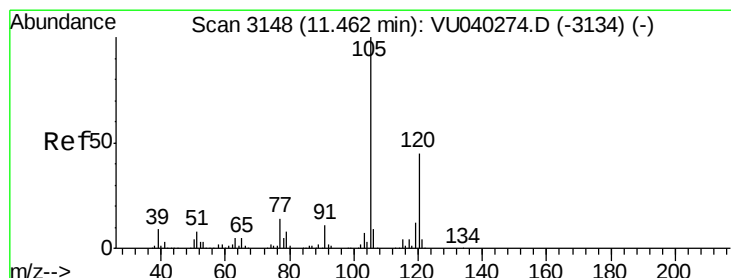
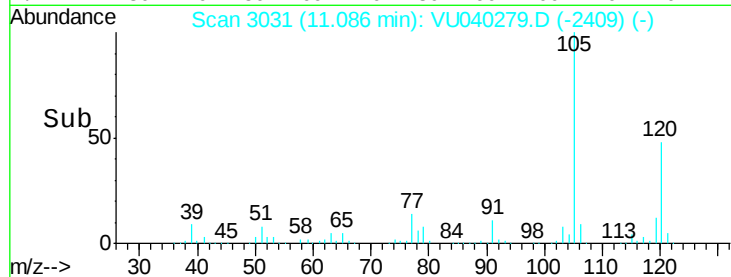
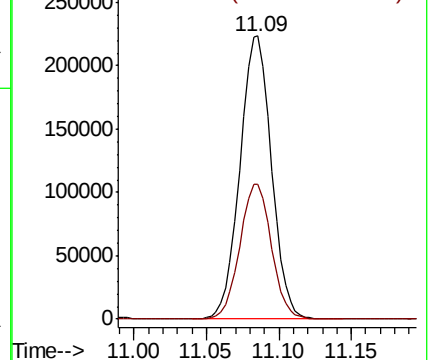
105 100

120 47.8 37.8 56.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene

Concen: 5.901 ug/L

RT: 11.46 min Scan# 3148

Delta R.T. -0.00 min

Lab File: VU040279.D

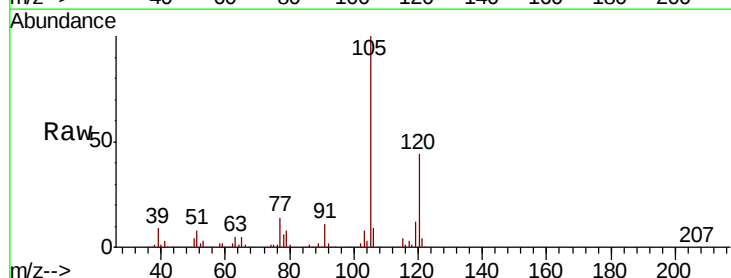
Acq: 24 Sep 2020 18:33

Tgt Ion:105 Resp: 352078

Ion Ratio Lower Upper

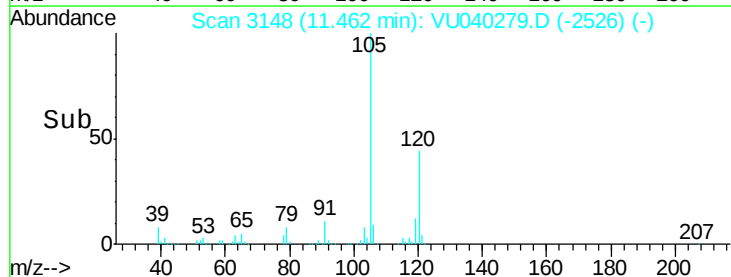
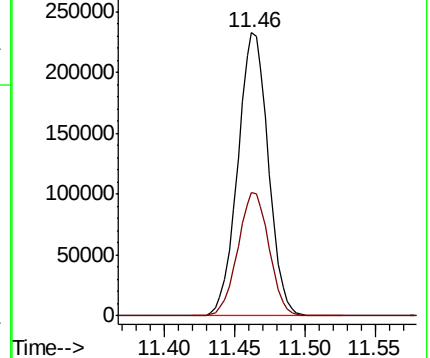
105 100

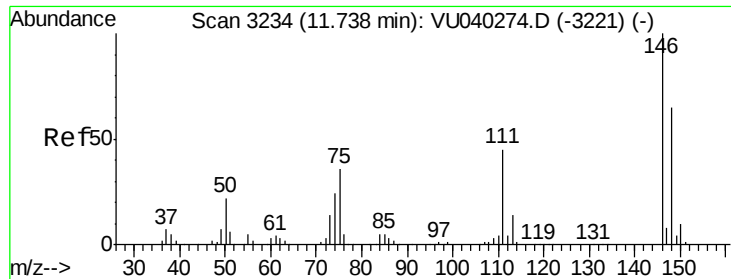
120 44.4 36.0 54.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

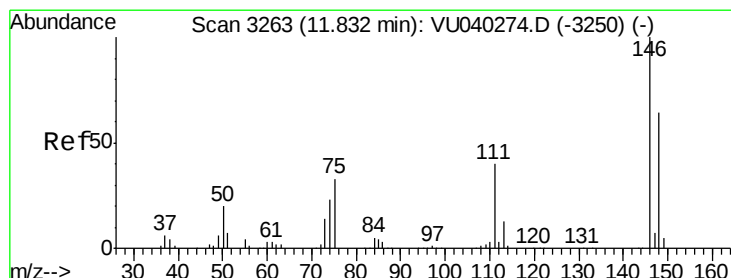
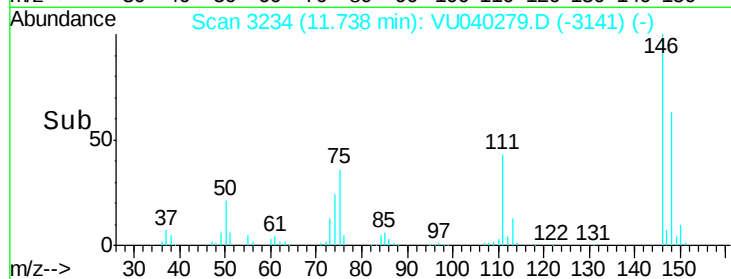
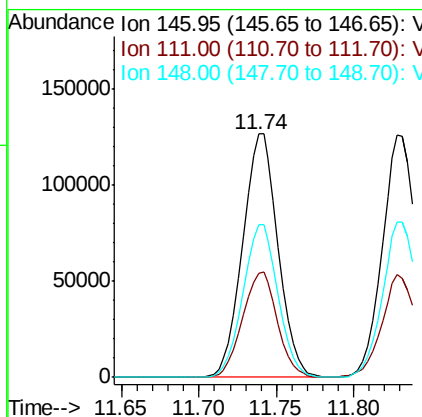
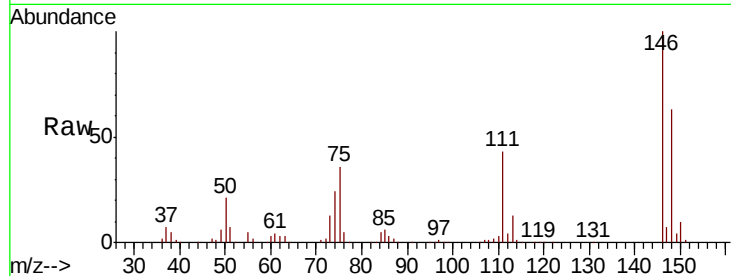




#64
 1,3-Dichlorobenzene
 Concen: 5.583 ug/L
 RT: 11.74 min Scan# 3234
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

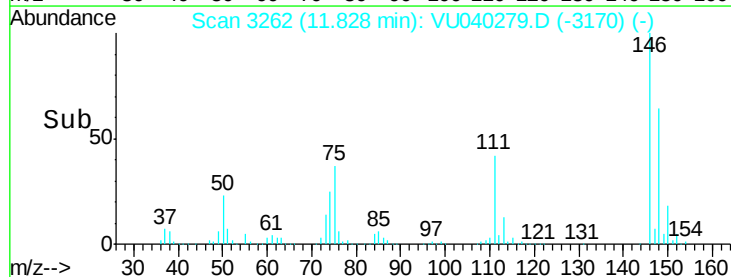
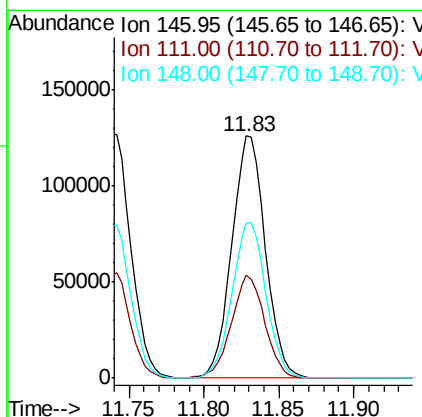
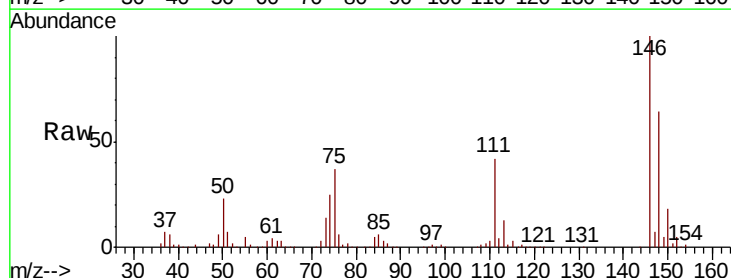
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV106

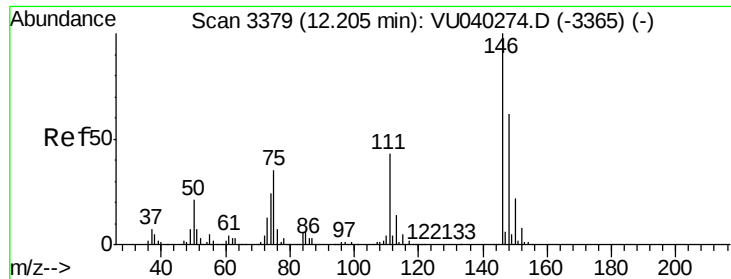
Tot Ion:146 Resp: 201150
 Ion Ratio Lower Upper
 146 100
 111 42.7 31.6 58.8
 148 62.8 45.1 83.9



#65
 1,4-Dichlorobenzene
 Concen: 5.289 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

Tgt Ion:146 Resp: 196624
 Ion Ratio Lower Upper
 146 100
 111 42.3 28.2 52.4
 148 64.1 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 5.506 ug/L

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

VICV106

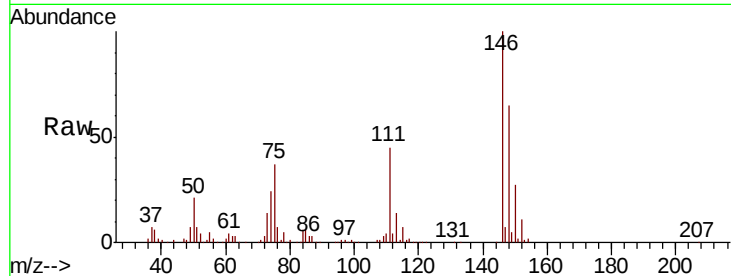
Tot Ion:146 Resp: 188385

Ion Ratio Lower Upper

146 100

111 44.8 34.2 51.4

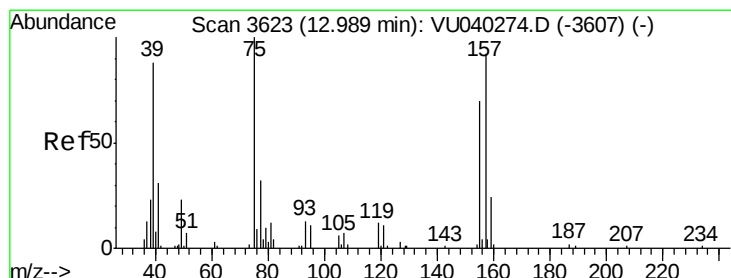
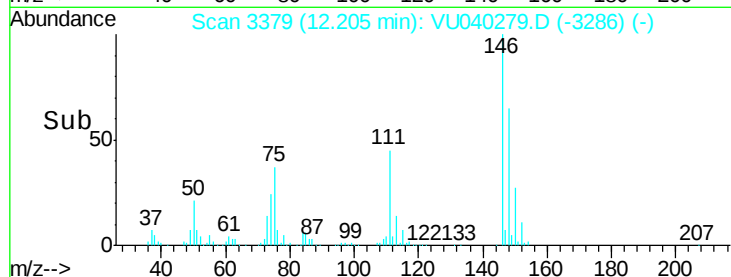
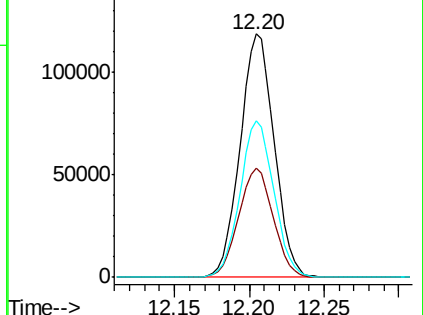
148 64.5 49.4 74.2



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



#68

1,2-Dibromo-3-chloropropane

Concen: 5.334 ug/L

RT: 12.99 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

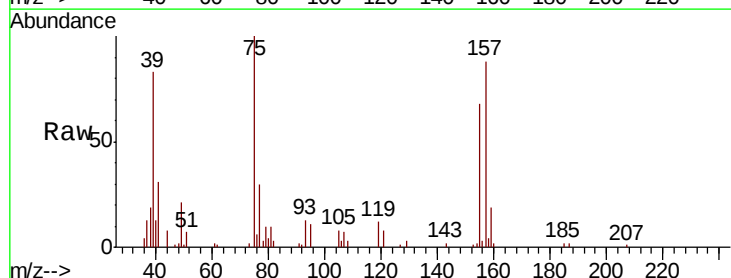
Tgt Ion: 75 Resp: 16880

Ion Ratio Lower Upper

75 100

155 67.6 56.3 84.5

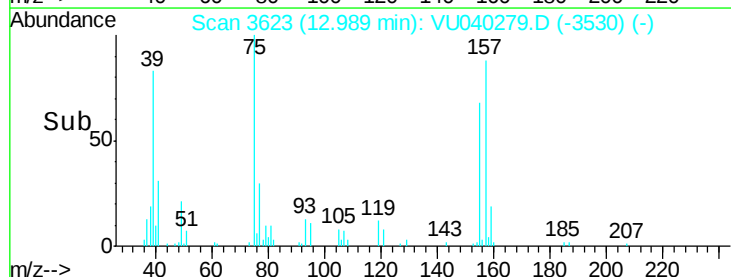
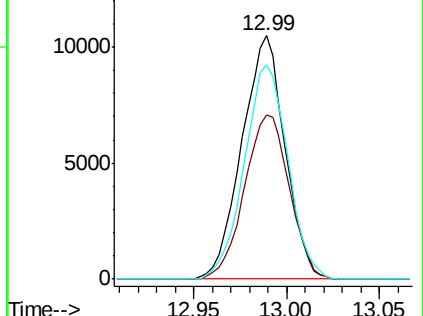
157 88.0 73.5 110.3

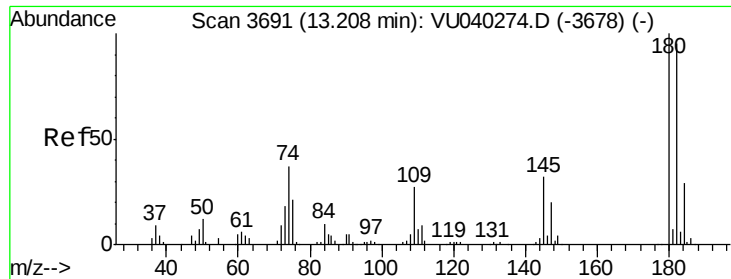


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

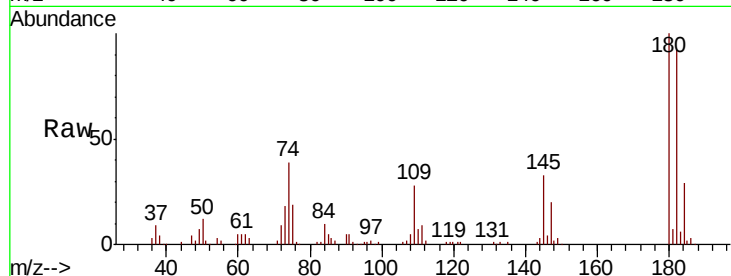




#69
 1,3,5-Trichlorobenzene
 Concen: 5.577 ug/L
 RT: 13.21 min Scan# 3691
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV106

Tot Ion:180	Resp:	141699
Ion	Ratio	Lower Upper
180	100	
182	94.0	75.8 113.6
184	29.7	23.7 35.5
145	31.8	25.4 38.0

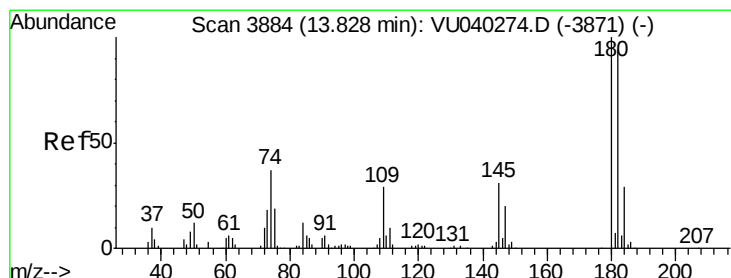
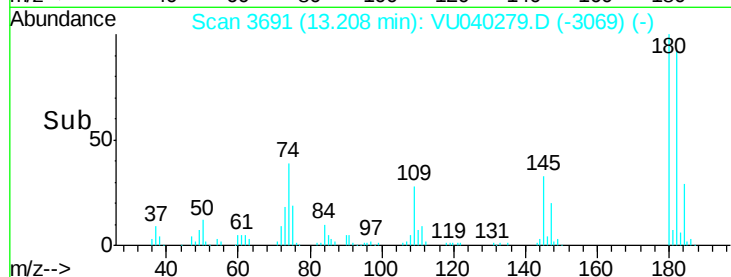
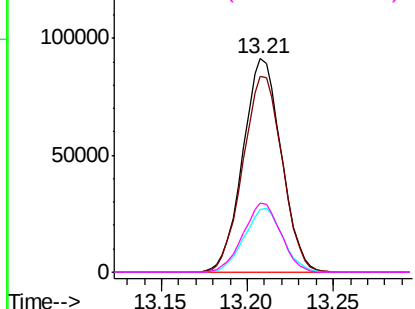


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

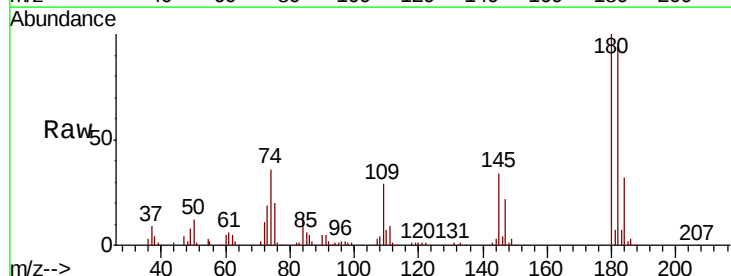
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,4-trichlorobenzene
 Concen: 5.984 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040279.D
 Acq: 24 Sep 2020 18:33

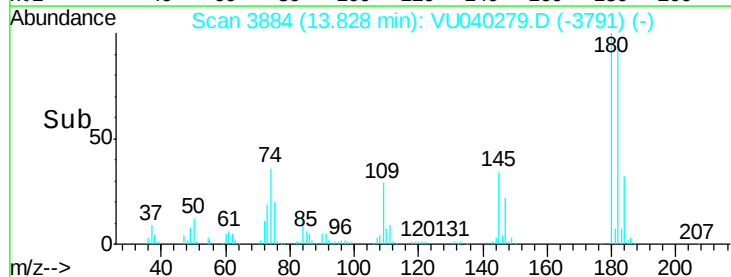
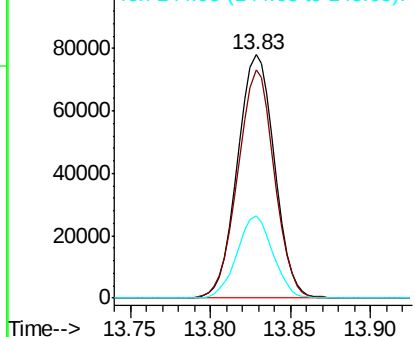
Tgt Ion:180	Resp:	122643
Ion	Ratio	Lower Upper
180	100	
182	92.5	76.3 114.5
145	32.7	25.9 38.9

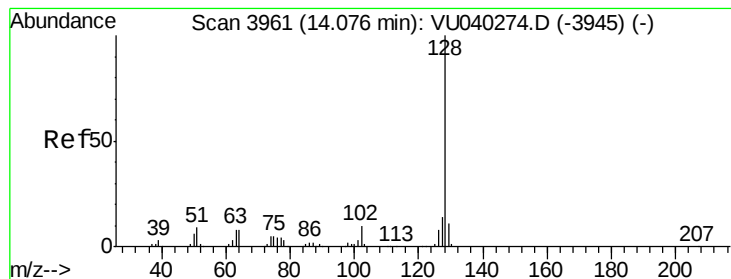


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#71

Naphthalene

Concen: 6.429 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

VICV106

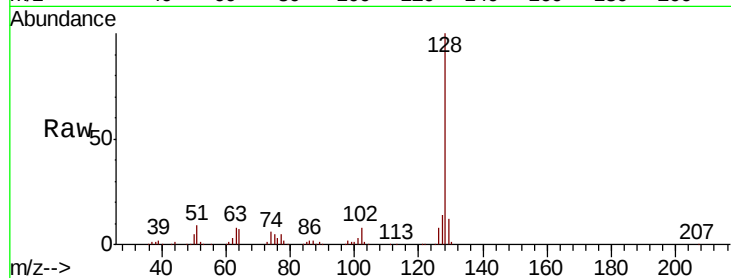
Tot Ion:128 Resp: 228662

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

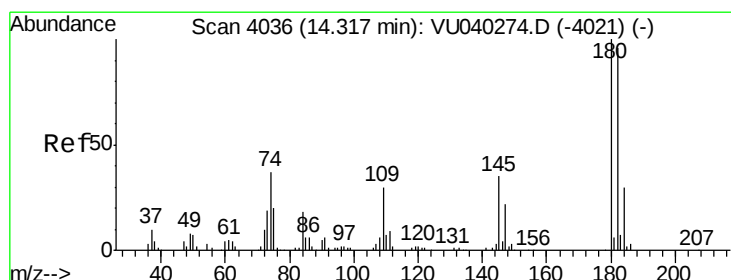
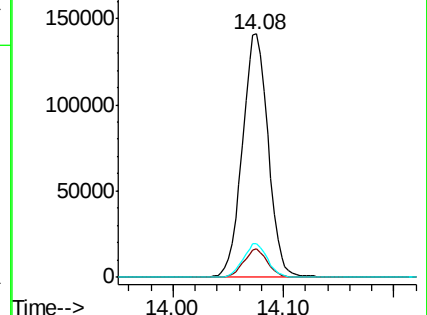
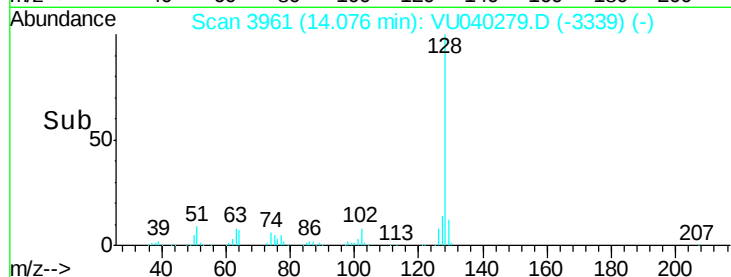
127 13.1 10.6 15.8



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: 6.224 ug/L

RT: 14.32 min Scan# 4036

Delta R.T. -0.00 min

Lab File: VU040279.D

Acq: 24 Sep 2020 18:33

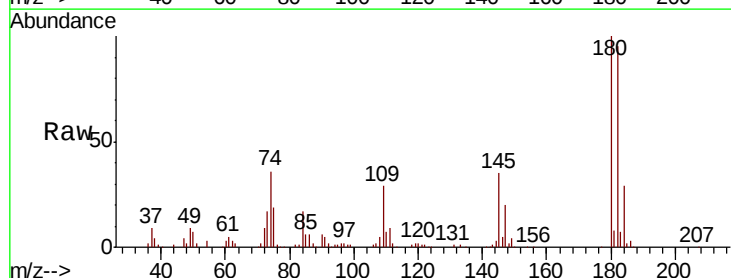
Tgt Ion:180 Resp: 113962

Ion Ratio Lower Upper

180 100

182 95.7 78.0 117.0

145 35.4 28.6 42.8



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

