

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102320\
 Data File : VU040932.D
 Acq On : 23 Oct 2020 13:01
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Oct 24 06:24:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	60642	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	23623	1.07	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	24185	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	269459	9.527	ua/l 100
3) Chloromethane	1.53	50	276716	9.387	ua/l 98
4) Vinyl Chloride	1.61	62	266284	9.700	ua/l 99
5) Bromomethane	1.87	94	147007	9.112	ua/l 99
6) Chloroethane	1.94	64	152586	9.095	ua/l 99
7) Trichlorofluoromethane	2.15	101	334591	9.647	ua/l 100
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	187851	9.742	ua/l 99
9) 1,1-Dichloroethene	2.59	96	165623	9.862	ua/l 99
10) Iodomethane	2.74	142	214092	10.438	ua/l 99
11) Allyl Chloride	2.94	41	338616	9.793	ua/l 99
12) Acrylonitrile	3.34	53	114178	19.285	ua/l 96
13) Acetone	2.66	43	291094	58.742	ua/l 99
14) Carbon Disulfide	2.81	76	616678	9.772	ua/l 100
15) Methylene Chloride	3.06	84	231273	10.602	ua/l 99
16) trans-1,2-Dichloroethene	3.37	96	184581	9.711	ua/l 97
17) 1,1-Dichloroethane	3.89	63	372523	9.582	ua/l 100
18) 2-Butanone	4.75	43	430063	53.650	ua/l 100
19) Cyclohexane	5.40	56	318392	8.702	ua/l 92
20) Methylcyclohexane	6.77	83	294903	10.774	ua/l 96
21) 2,2-Dichloropropane	4.68	77	324422	9.883	ua/l 100
22) cis-1,2-Dichloroethene	4.69	96	192301	9.482	ua/l 98
23) Diethyl Ether	2.39	59	159970	9.647	ua/l 99
24) tert-Butyl Alcohol	3.27	59	86020	46.502	ua/l # 90
25) Methyl tert-Butyl Ether	3.38	73	500715	9.612	ua/l 97
26) Bromochloromethane	4.99	128	86032	9.760	ua/l 97
27) Chloroform	5.11	83	357549	9.623	ua/l 100
28) 1,1,1-Trichloroethane	5.33	97	307965	9.614	ua/l 98
29) 1,1-Dichloropropene	5.54	75	271883	9.687	ua/l 98
30) Carbon Tetrachloride	5.54	117	280505	9.675	ua/l 98
31) Isopropyl Ether	4.02	45	584478	9.722	ua/l 100
32) Ethyl-t-butyl ether	4.53	59	510418	9.640	ua/l 98
33) Tert-Amyl methyl ether	5.96	73	409362	10.381	ua/l 99
34) Propionitrile	4.83	54	109657	49.823	ua/l # 92
35) Benzene	5.79	78	770906	9.909	ua/l 100
36) 1,2-Dichloroethane	5.81	62	281011	9.744	ua/l 98
37) Trichloroethene	6.55	130	180289	9.803	ua/l 98
38) 1,2-Dichloropropane	6.81	63	221703	10.044	ua/l 95
39) Methacrylonitrile	5.00	41	97286	9.429	ua/l 99
40) Methyl acrylate	4.87	55	142456	10.069	ua/l 97
41) Tetrahydrofuran	5.09	42	98791	18.613	ua/l 97
42) 1-Chlorobutane	5.47	56	420112	9.901	ua/l 99

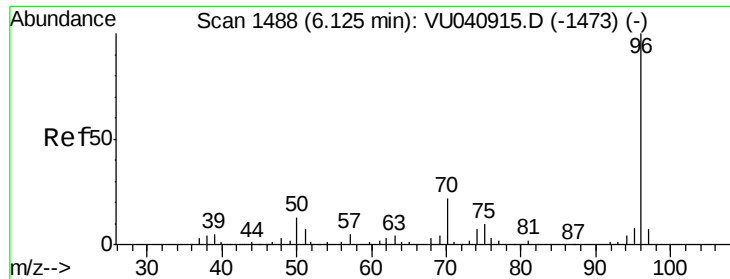
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102320\
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Quant Time: Oct 24 06:24:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	120397	9.733	ug/l	98
44) Bromodichloromethane	7.12	83	285861	9.953	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	896547	55.206	ug/l	100
46) t-1,4-Dichloro-2-butene	10.83	75	298289	46.449	ug/l #	55
47) Methyl methacrylate	6.98	69	225464	21.831	ug/l	99
48) Ethyl methacrylate	8.34	69	188286	10.837	ug/l	99
49) Toluene	7.98	92	460017	10.752	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	261002	10.515	ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	279650	10.280	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	155523	9.944	ug/l	99
53) 1,3-Dichloropropane	8.58	76	283724	10.105	ug/l	98
54) 2-Hexanone	8.70	43	664103	58.532	ug/l	99
55) Dibromochloromethane	8.82	129	183402	9.780	ug/l	98
56) 1,2-Dibromoethane	8.93	107	145856	10.058	ug/l	100
58) Tetrachloroethene	8.56	164	172043	10.007	ug/l	97
59) Chlorobenzene	9.45	112	471608	10.412	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	180458	10.140	ug/l	98
61) Pentachloroethane	11.42	117	141035	9.811	ug/l	98
62) Hexachloroethane	12.47	117	153951	10.523	ug/l	99
63) Ethyl Benzene	9.57	91	848167	11.306	ug/l	99
64) m/p-Xylenes	9.69	106	687142	20.671	ug/l	98
65) o-Xylene	10.10	106	305700	11.604	ug/l	100
66) Styrene	10.11	104	569099	10.358	ug/l	99
67) Bromoform	10.29	173	102079	10.057	ug/l	99
69) Isopropylbenzene	10.48	105	804385	11.449	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	215024	10.105	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	298289	18.387	ug/l	69
72) Bromobenzene	10.78	156	194681	10.628	ug/l	97
73) n-propylbenzene	10.90	120	239221	10.254	ug/l	97
74) 2-Chlorotoluene	10.98	126	203088	11.140	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	758094	10.357	ug/l	99
76) 4-Chlorotoluene	11.10	126	221290	11.712	ug/l	99
77) tert-Butylbenzene	11.42	119	672360	11.322	ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	788849	10.392	ug/l	99
79) sec-Butylbenzene	11.64	105	969327	11.757	ug/l	99
80) Nitrobenzene	13.20	77	56310	55.948	ug/l	100
81) p-Isopropyltoluene	11.79	119	837051	10.438	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	422173	10.566	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	427635	10.583	ug/l	99
84) n-Butylbenzene	12.20	91	847264	12.277	ug/l	99
85) 1,2-Dichlorobenzene	12.20	146	413042	10.806	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	39562	9.958	ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	241386	10.775	ug/l	99
88) Hexachlorobutadiene	14.01	225	136252	10.833	ug/l	99
89) Naphthalene	14.08	128	517718	9.229	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	253660	11.637	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 96 Resp: 60642

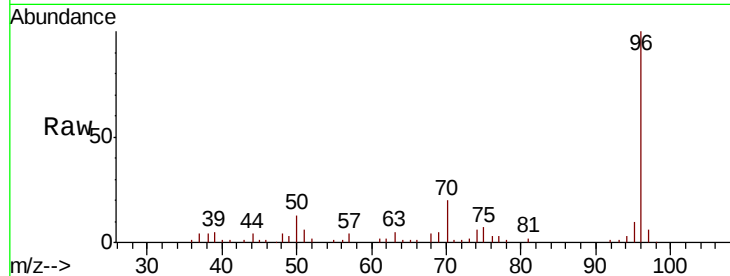
Ion Ratio Lower Upper

96 100

70 22.6 16.3 24.5

95 9.8 7.3 10.9

97 0.0 0.0 0.0

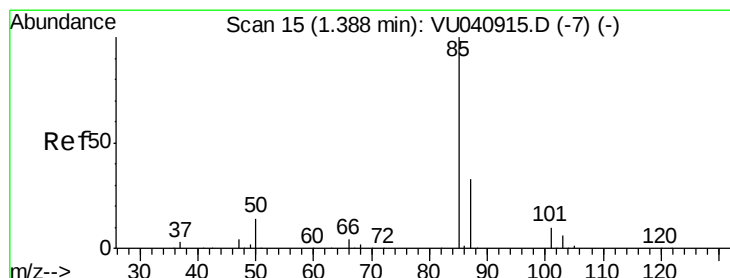
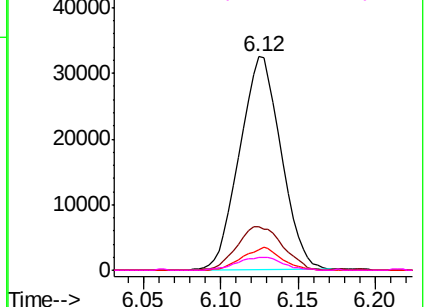
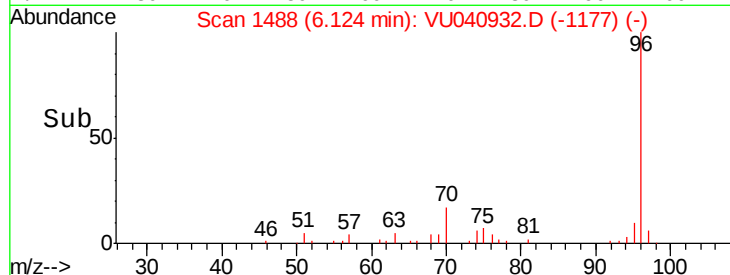


Abundance Ion 96.00 (95.70 to 96.70): VU040932.D (-1177) (-)

Ion 70.00 (69.70 to 70.70): VU040932.D (-1177) (-)

Ion 95.00 (94.70 to 95.70): VU040932.D (-1177) (-)

Ion 97.00 (96.70 to 97.70): VU040932.D (-1177) (-)



#2

Dichlorodifluoromethane

Concen: 9.527 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040932.D

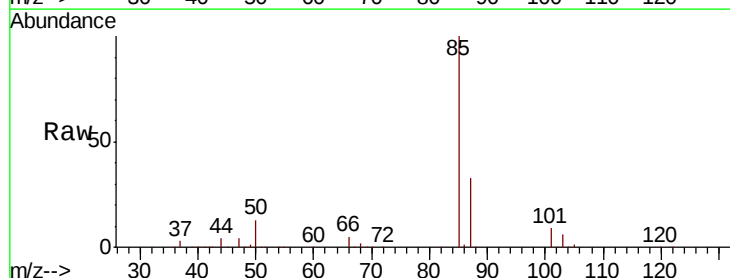
Acq: 23 Oct 2020 13:01

Tgt Ion: 85 Resp: 269459

Ion Ratio Lower Upper

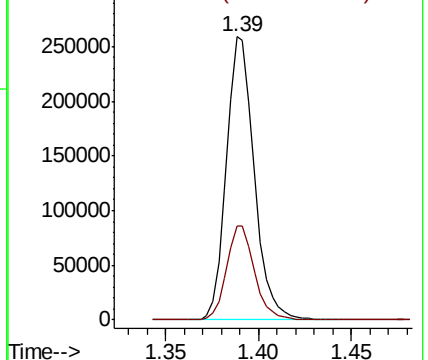
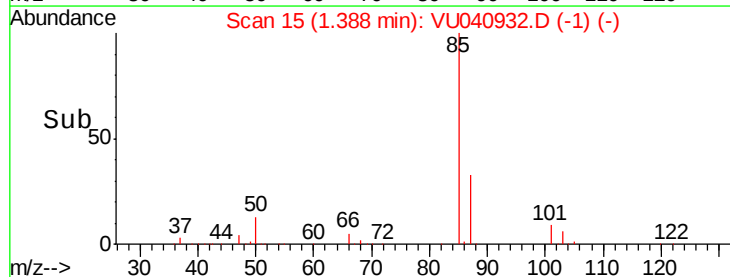
85 100

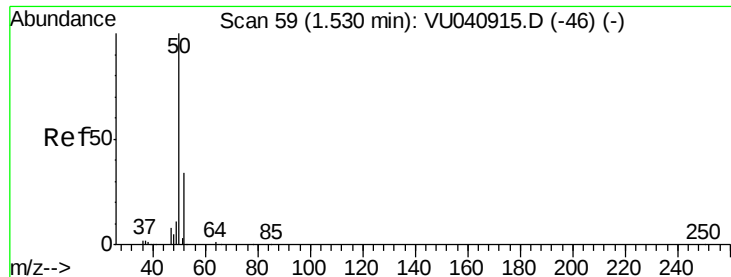
87 33.1 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VU040932.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU040932.D (-1) (-)





#3

Chloromethane

Concen: 9.387 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

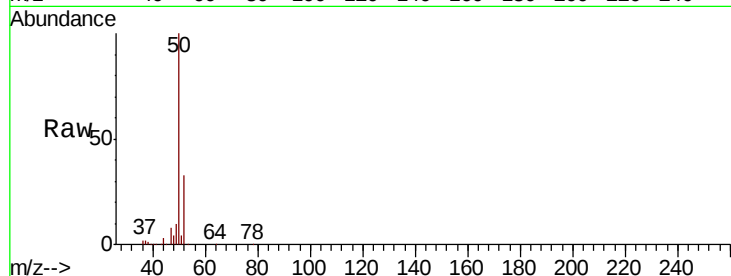
VSTDCCC010EC

Tot Ion: 50 Resp: 276716

Ion Ratio Lower Upper

50 100

52 32.7 26.9 40.3



Abundance Ion 50.00 (49.70 to 50.70): VU040915.D (-46) (-)

Ion 52.00 (51.70 to 52.70): VU040915.D (-46) (-)

1.53

250000

200000

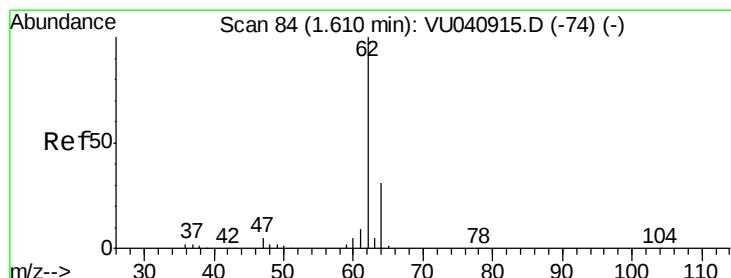
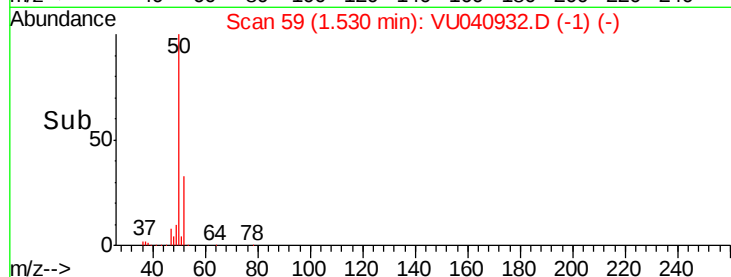
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 9.700 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040932.D

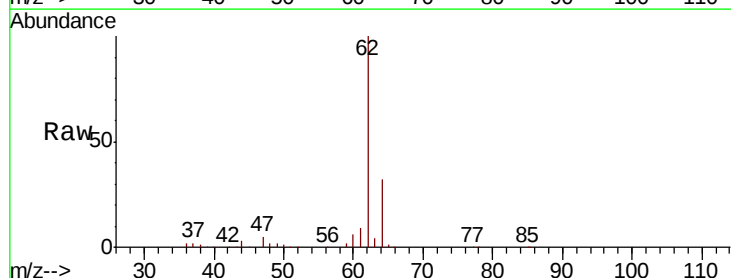
Acq: 23 Oct 2020 13:01

Tgt Ion: 62 Resp: 266284

Ion Ratio Lower Upper

62 100

64 31.2 24.7 37.1



Abundance Ion 62.00 (61.70 to 62.70): VU040915.D (-74) (-)

Ion 64.00 (63.70 to 64.70): VU040915.D (-74) (-)

1.61

250000

200000

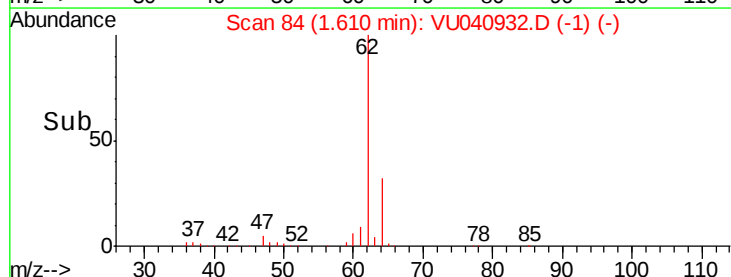
150000

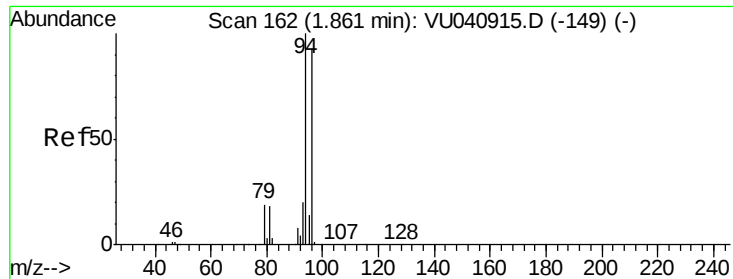
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Time-->

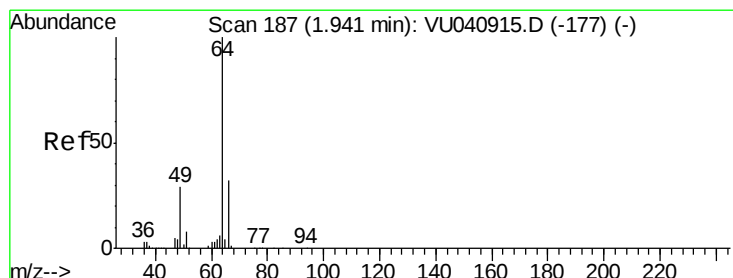
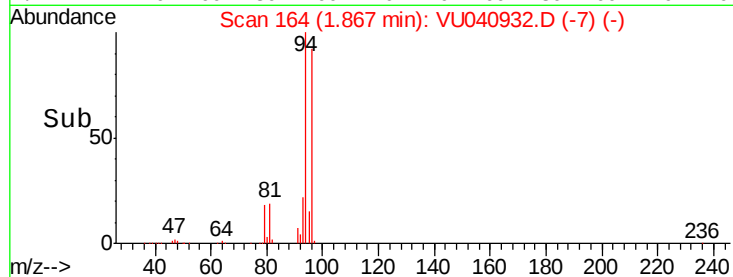
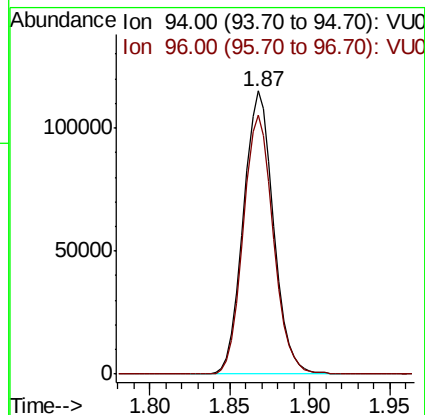
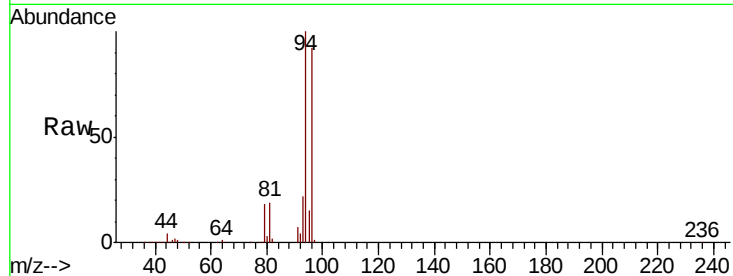




#5
Bromomethane
Concen: 9.112 ug/l
RT: 1.87 min Scan# 164
Delta R.T. 0.01 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

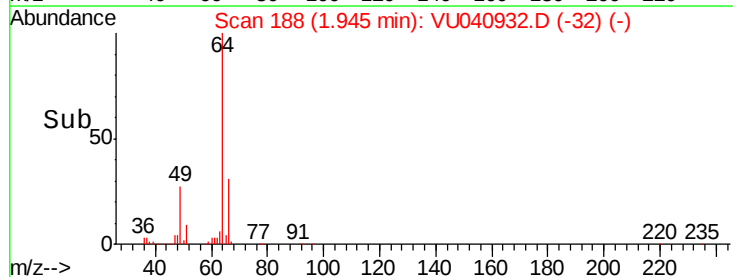
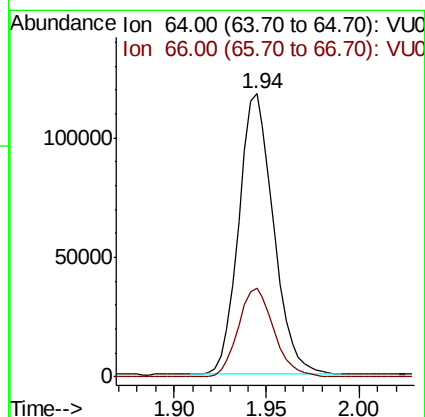
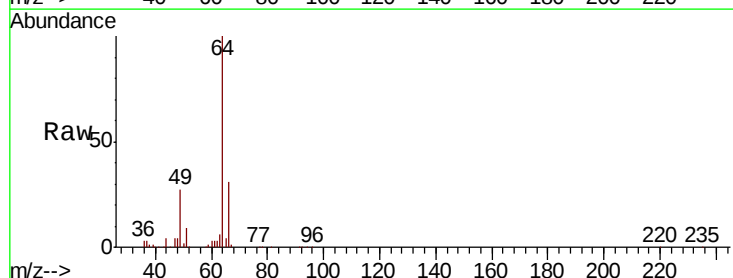
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

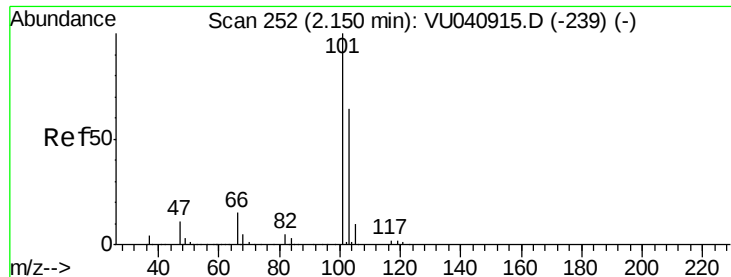
Tot Ion: 94 Resp: 147007
Ion Ratio Lower Upper
94 100
96 91.6 74.4 111.6



#6
Chloroethane
Concen: 9.095 ug/l
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

Tgt Ion: 64 Resp: 152586
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2



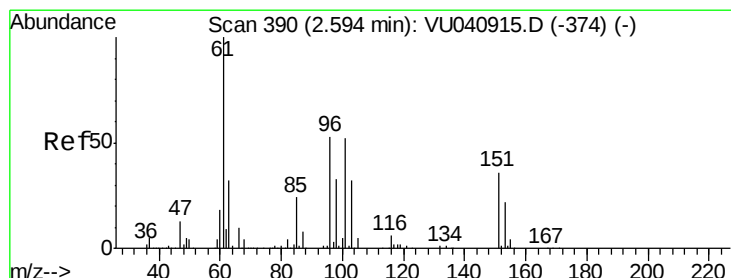
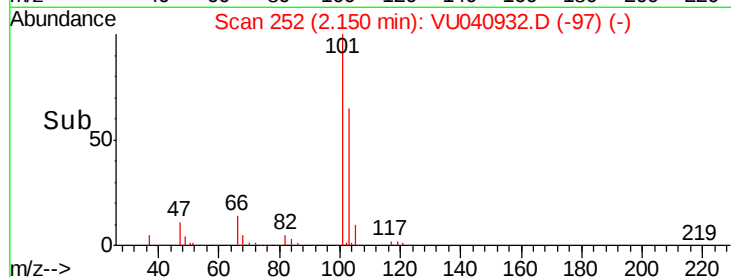
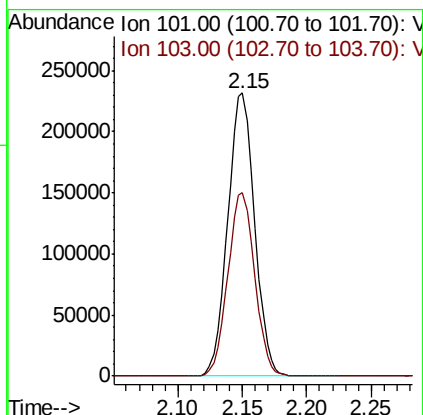
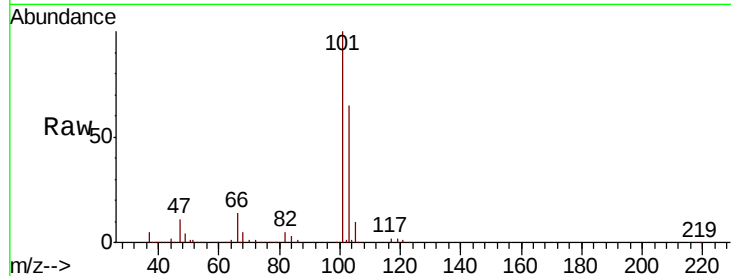


#7

Trichlorofluoromethane
 Concen: 9.647 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Instrument :
 MSVOA_U
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 VSTDCCC010EC

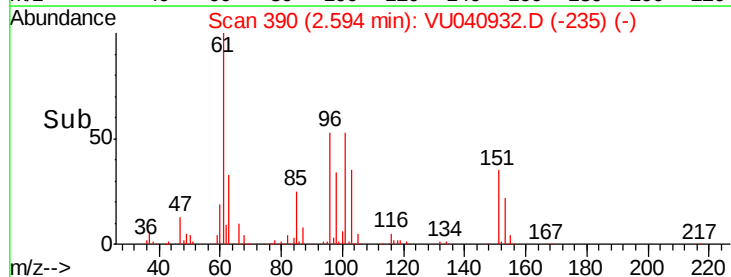
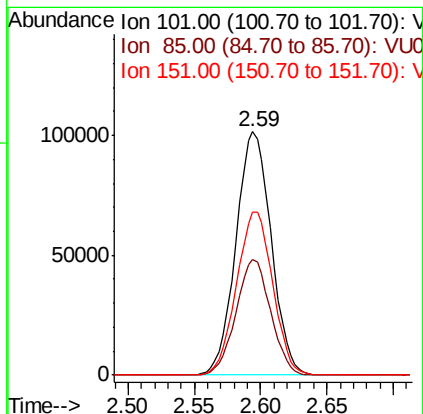
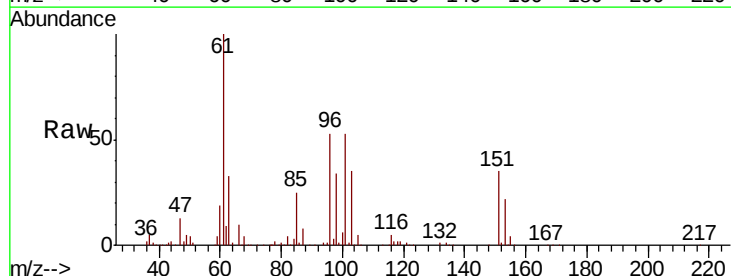
Tot Ion:101 Resp: 334591
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.5 77.3

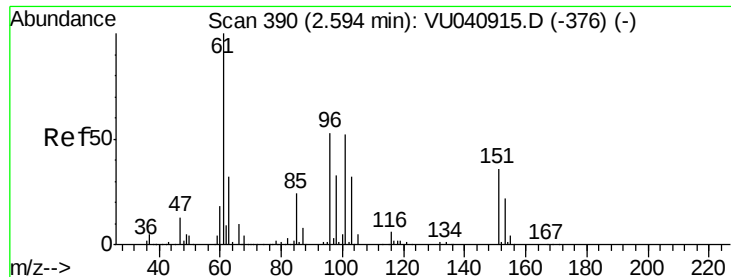


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.742 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Tgt Ion:101 Resp: 187851
 Ion Ratio Lower Upper
 101 100
 85 46.6 36.2 54.2
 151 68.8 55.1 82.7





#9

1,1-Dichloroethene

Concen: 9.862 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

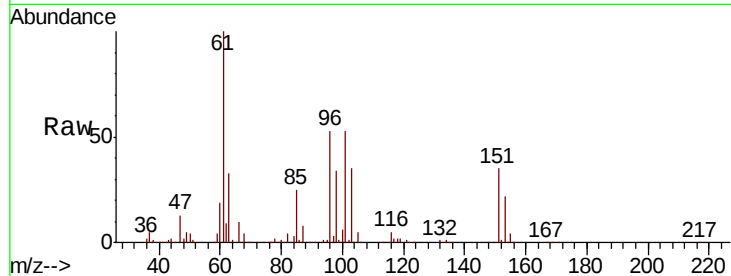
Tot Ion: 96 Resp: 165623

Ion Ratio Lower Upper

96 100

61 187.8 0.0 561.9

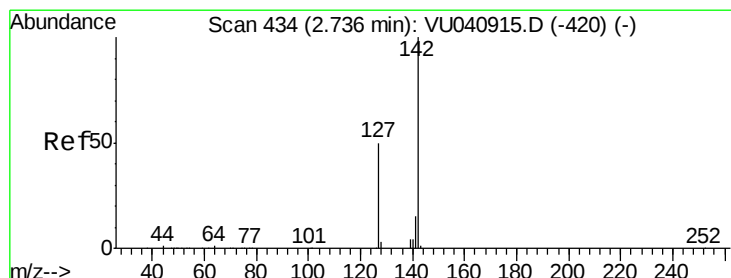
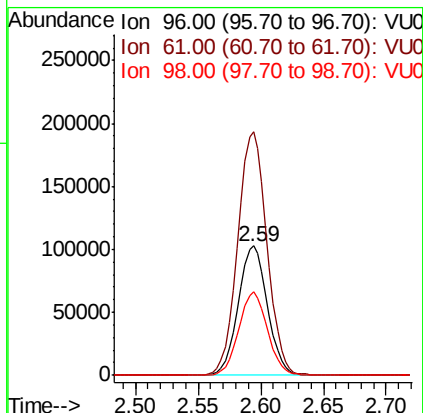
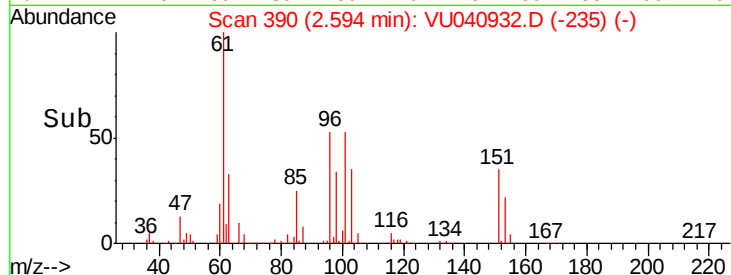
98 64.1 0.0 125.0



Abundance Ion 96.00 (95.70 to 96.70): VU040932.D (-235) (-)

Ion 61.00 (60.70 to 61.70): VU040932.D (-235) (-)

Ion 98.00 (97.70 to 98.70): VU040932.D (-235) (-)



#10

Iodomethane

Concen: 10.438 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU040932.D

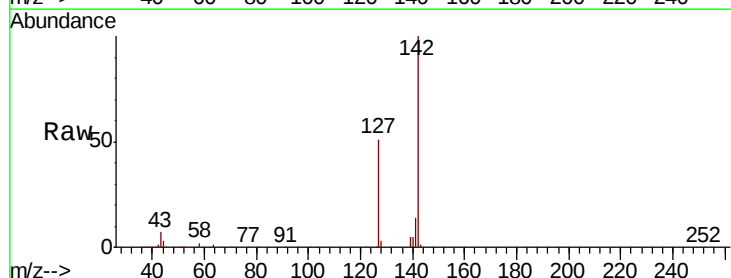
Acq: 23 Oct 2020 13:01

Tgt Ion: 142 Resp: 214092

Ion Ratio Lower Upper

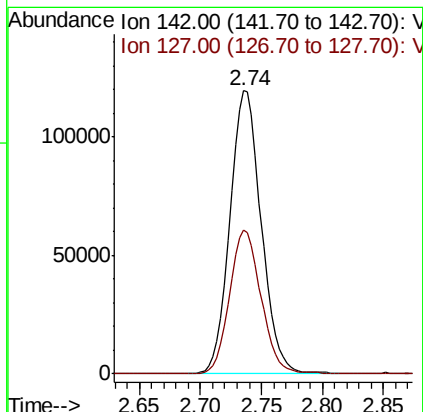
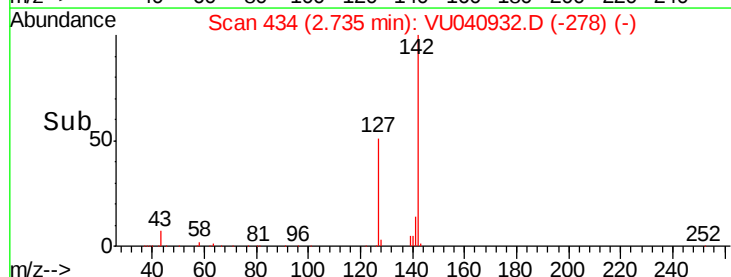
142 100

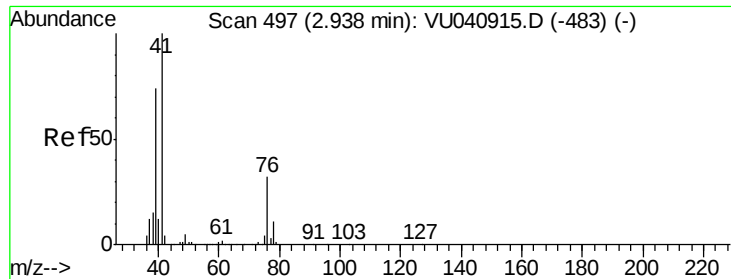
127 51.2 40.6 60.8



Abundance Ion 142.00 (141.70 to 142.70): VU040932.D (-278) (-)

Ion 127.00 (126.70 to 127.70): VU040932.D (-278) (-)

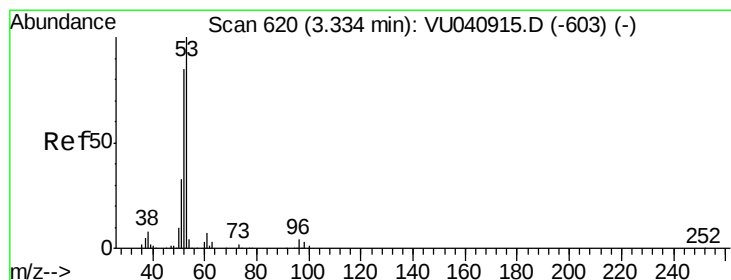
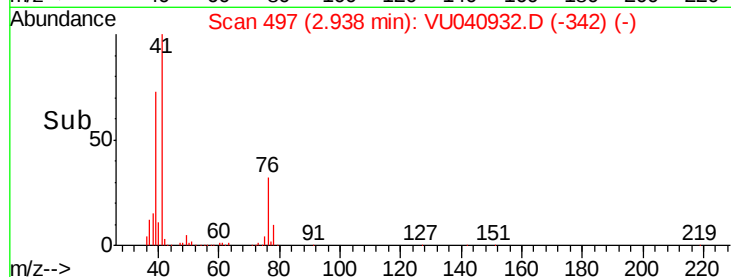
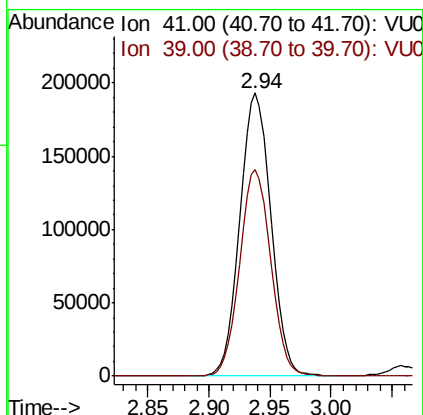
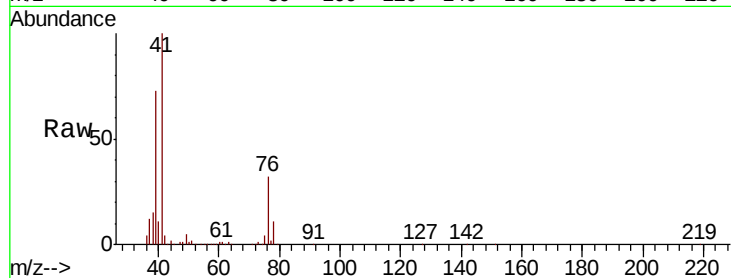




#11
Allvl Chloride
Concen: 9.793 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

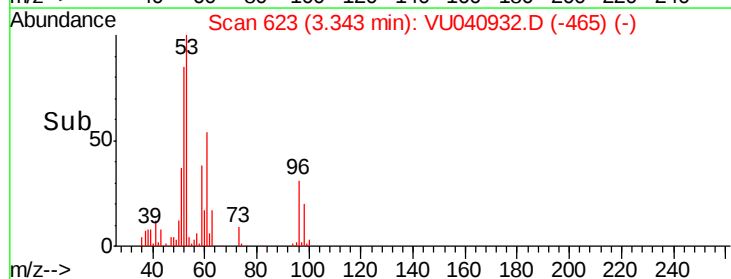
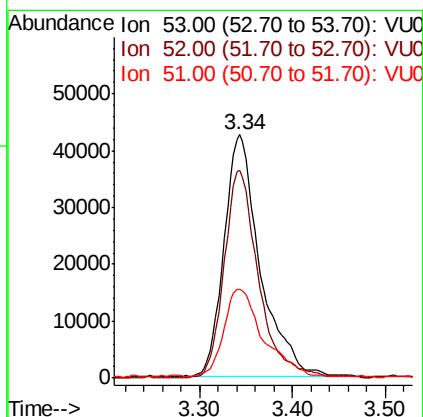
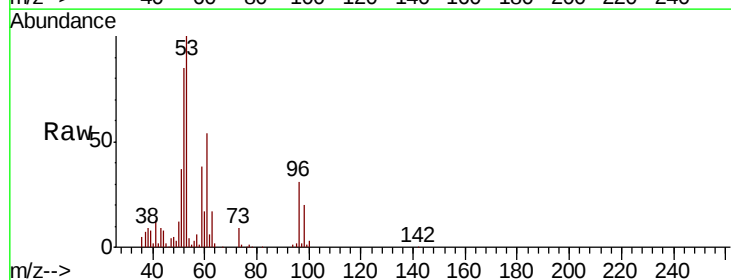
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

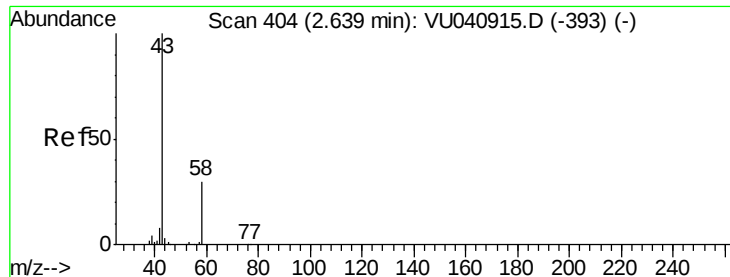
Tot Ion: 41 Resp: 338616
Ion Ratio Lower Upper
41 100
39 73.0 59.0 88.4



#12
Acrylonitrile
Concen: 19.285 ug/l
RT: 3.34 min Scan# 623
Delta R.T. 0.01 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

Tgt Ion: 53 Resp: 114178
Ion Ratio Lower Upper
53 100
52 82.5 63.1 94.7
51 40.1 30.6 46.0





#13

Acetone

Concen: 58.742 ug/l

RT: 2.66 min Scan# 411

Delta R.T. 0.02 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

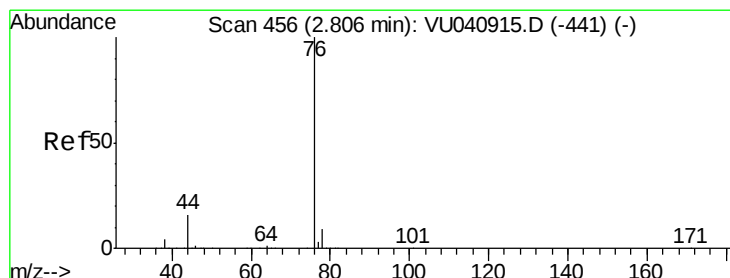
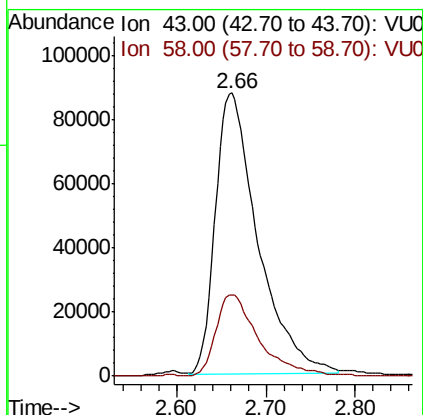
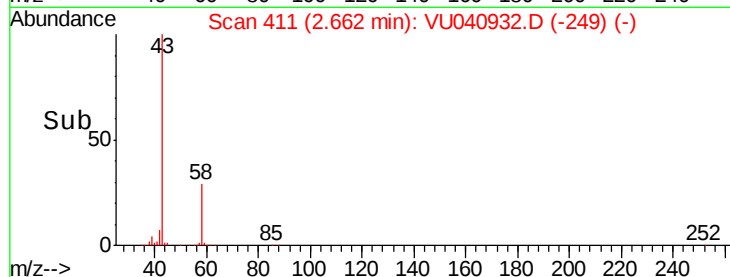
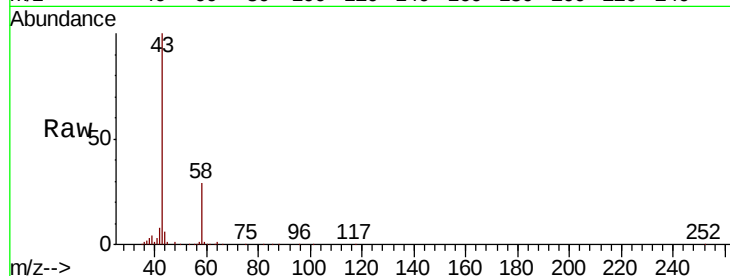
VSTDCCC010EC

Tot Ion: 43 Resp: 291094

Ion Ratio Lower Upper

43 100

58 28.8 23.6 35.4



#14

Carbon Disulfide

Concen: 9.772 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040932.D

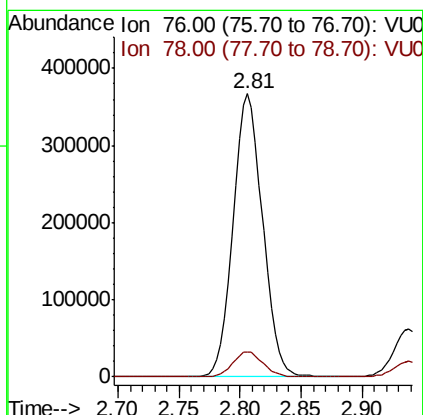
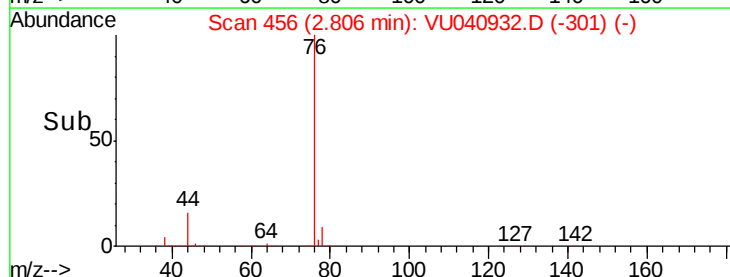
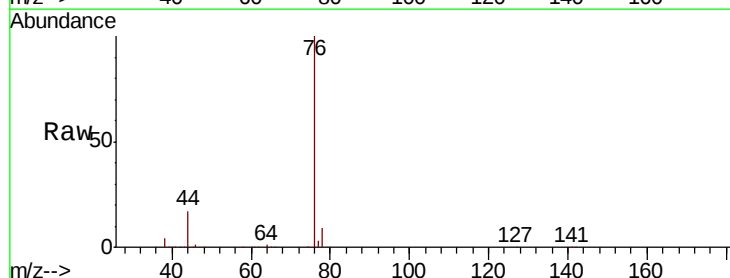
Acq: 23 Oct 2020 13:01

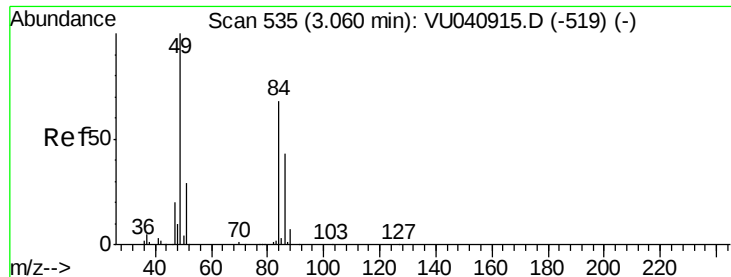
Tgt Ion: 76 Resp: 616678

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

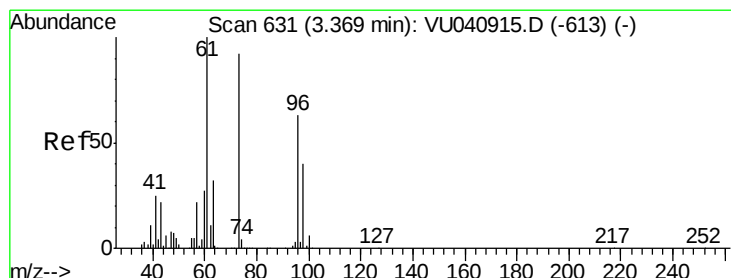
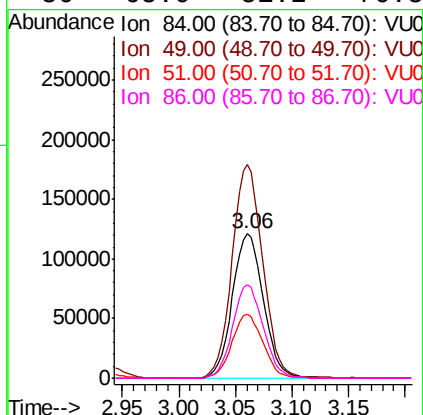
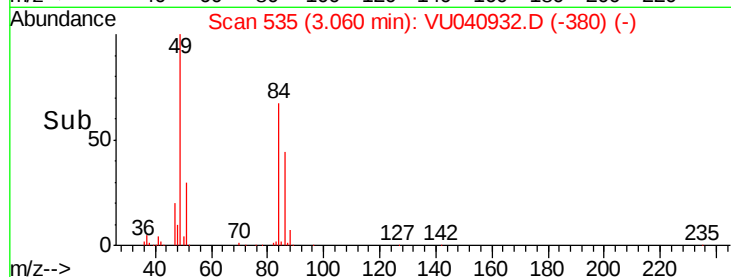
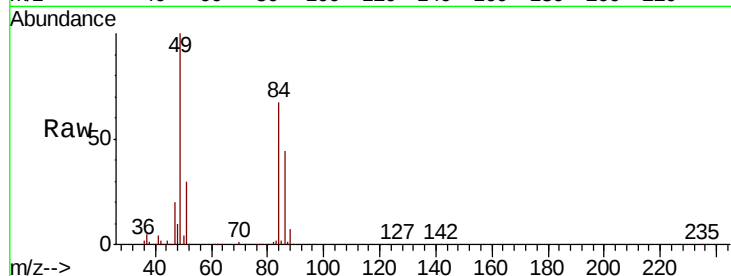




#15
Methvlene Chloride
Concen: 10.602 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

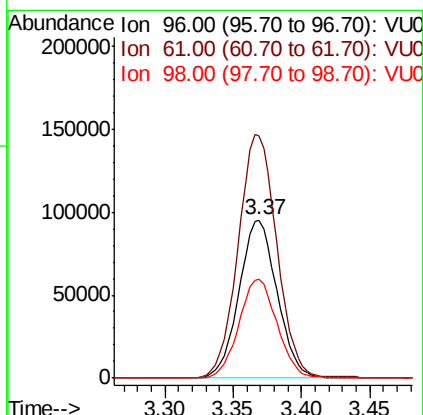
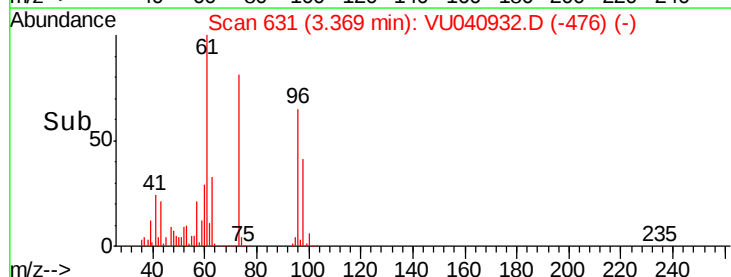
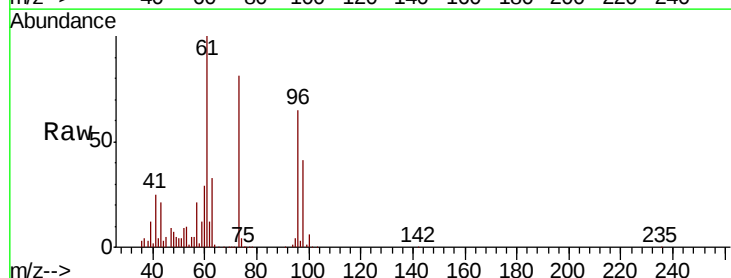
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

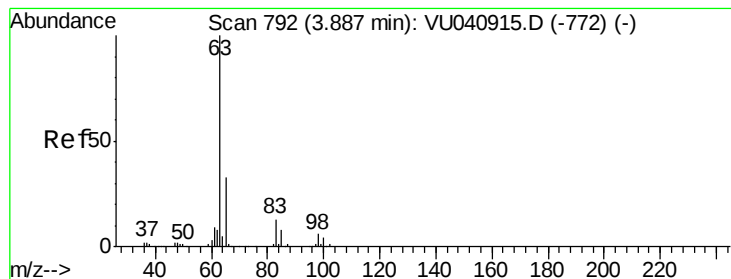
Tot Ion:	84	Resp:	231273
Ion	Ratio	Lower	Upper
84	100		
49	148.2	118.2	177.4
51	44.6	0.0	86.8
86	65.0	51.2	76.8



#16
trans-1,2-Dichloroethene
Concen: 9.711 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

Tgt Ion:	96	Resp:	184581
Ion	Ratio	Lower	Upper
96	100		
61	153.3	127.0	190.4
98	62.7	51.2	76.8





#17

1,1-Dichloroethane

Concen: 9.582 ug/l

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

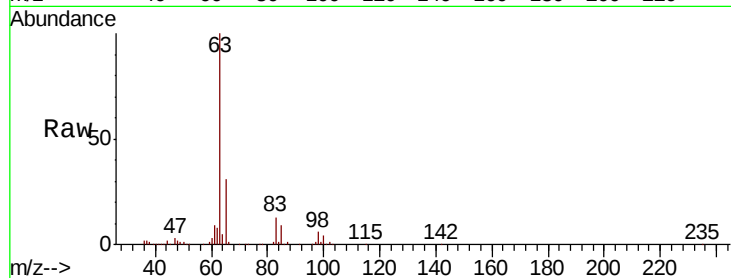
Tot Ion: 63 Resp: 372523

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

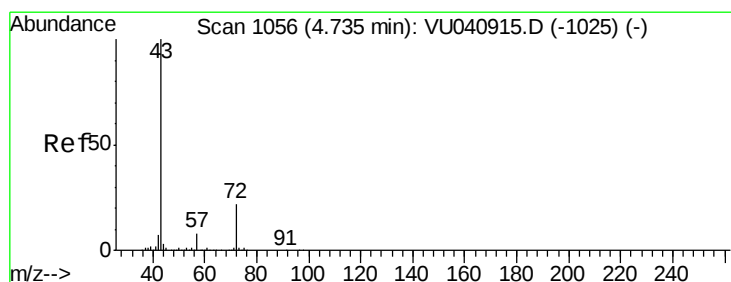
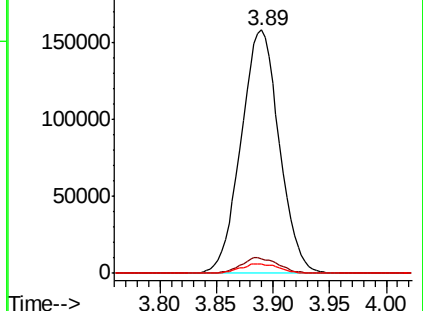
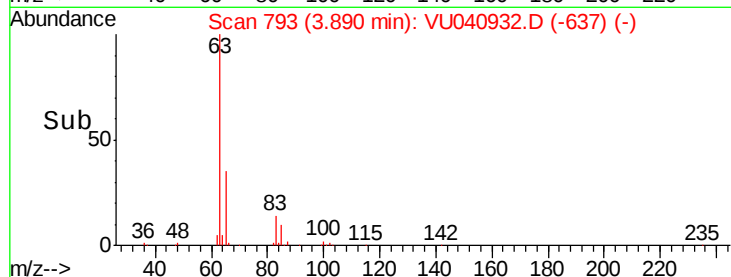
100 3.8 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VU040932.D (-637) (-)

Ion 98.00 (97.70 to 98.70): VU040932.D (-981) (-)

Ion 100.00 (99.70 to 100.70): VU040932.D (-1001) (-)



#18

2-Butanone

Concen: 53.650 ug/l

RT: 4.75 min Scan# 1060

Delta R.T. 0.01 min

Lab File: VU040932.D

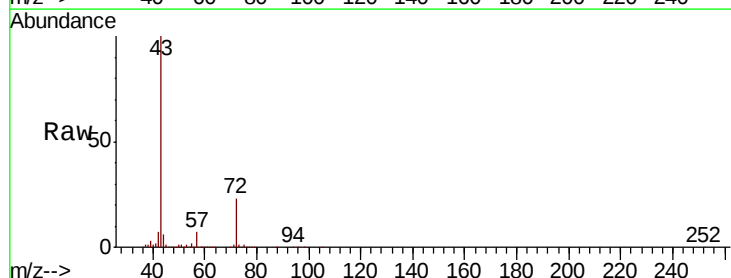
Acq: 23 Oct 2020 13:01

Tgt Ion: 43 Resp: 430063

Ion Ratio Lower Upper

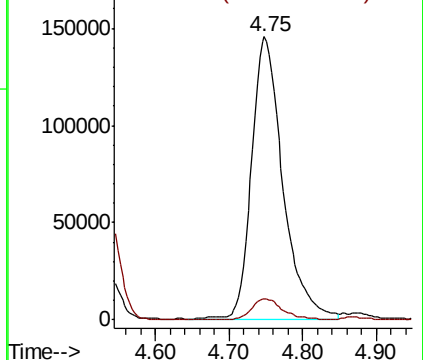
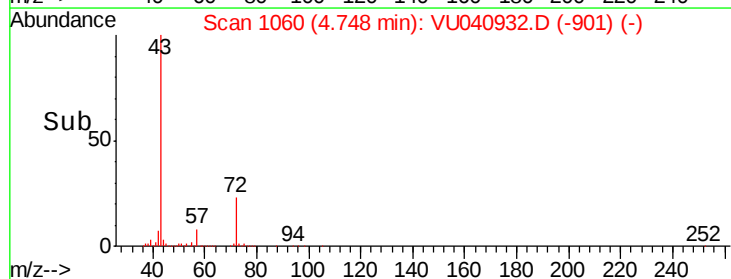
43 100

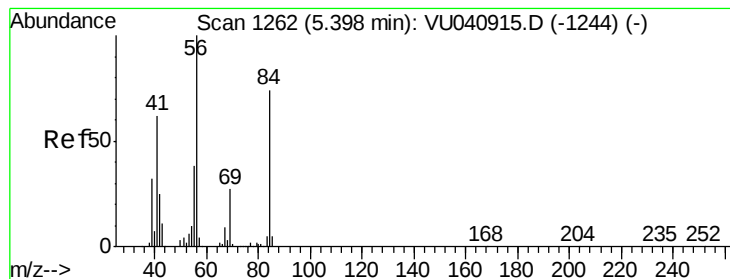
57 7.5 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU040932.D (-431) (-)

Ion 57.00 (56.70 to 57.70): VU040932.D (-571) (-)





#19

Cyclohexane

Concen: 8.702 ug/l

RT: 5.40 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

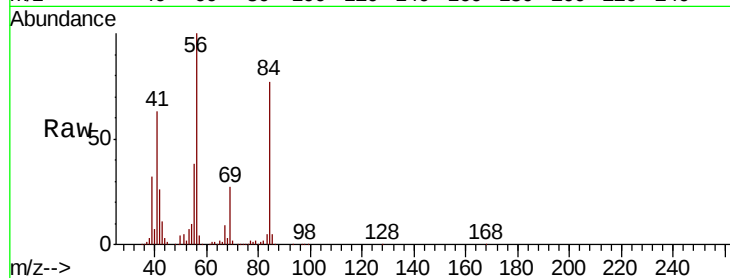
Tot Ion: 56 Resp: 318392

Ion Ratio Lower Upper

56 100

69 30.7 22.2 33.2

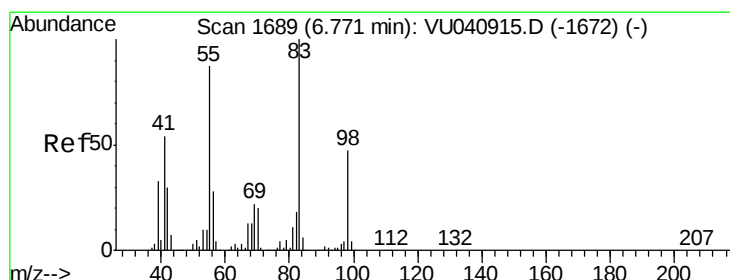
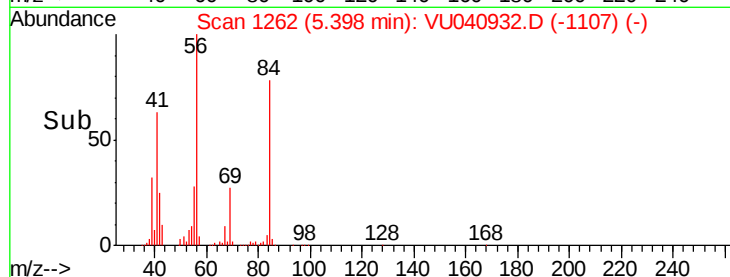
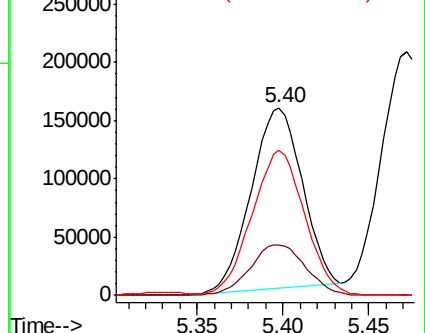
84 82.1 60.1 90.1



Abundance Ion 56.00 (55.70 to 56.70): VU040932.D (-1107) (-)

Ion 69.00 (68.70 to 69.70): VU040932.D (-1107) (-)

Ion 84.00 (83.70 to 84.70): VU040932.D (-1107) (-)



#20

Methylcyclohexane

Concen: 10.774 ug/l

RT: 6.77 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

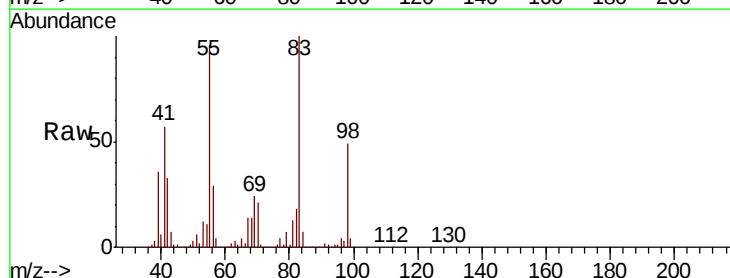
Tgt Ion: 83 Resp: 294903

Ion Ratio Lower Upper

83 100

55 93.1 71.0 106.4

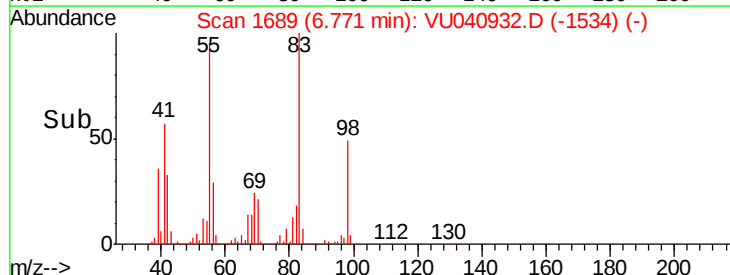
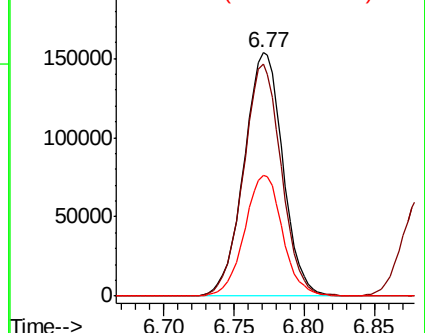
98 48.8 38.1 57.1

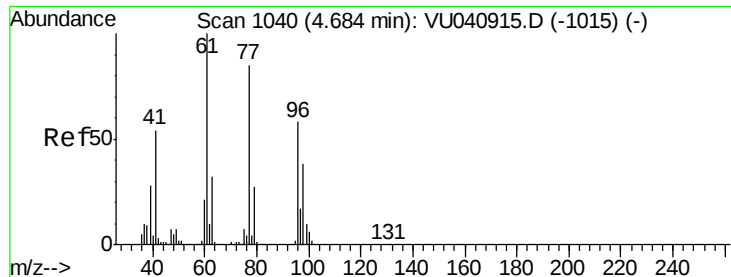


Abundance Ion 83.00 (82.70 to 83.70): VU040932.D (-1534) (-)

Ion 55.00 (54.70 to 55.70): VU040932.D (-1534) (-)

Ion 98.00 (97.70 to 98.70): VU040932.D (-1534) (-)





#21

2,2-Dichloropropane

Concen: 9.883 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

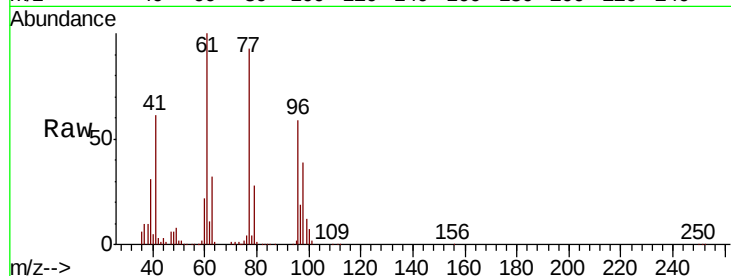
VSTDCCC010EC

Tot Ion: 77 Resp: 324422

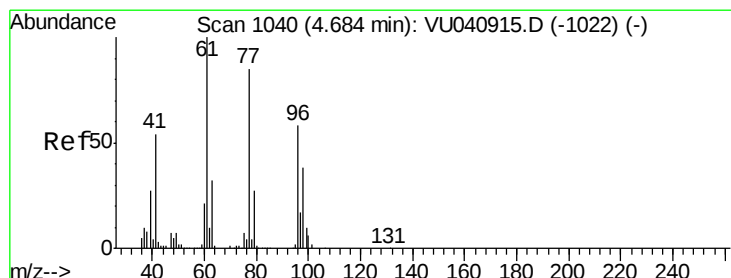
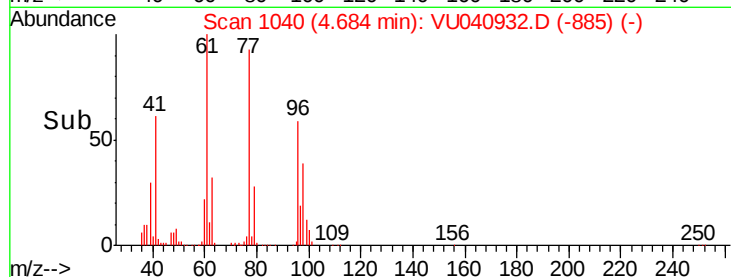
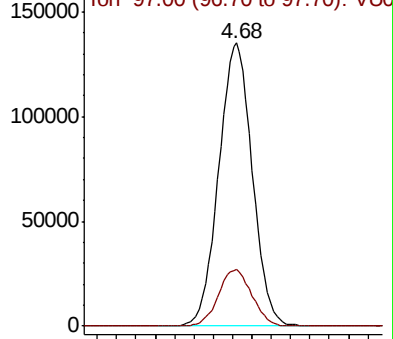
Ion Ratio Lower Upper

77 100

97 20.1 16.0 24.0



Abundance Ion 77.00 (76.70 to 77.70): VU040932.D (-885) (-)



#22

cis-1,2-Dichloroethene

Concen: 9.482 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

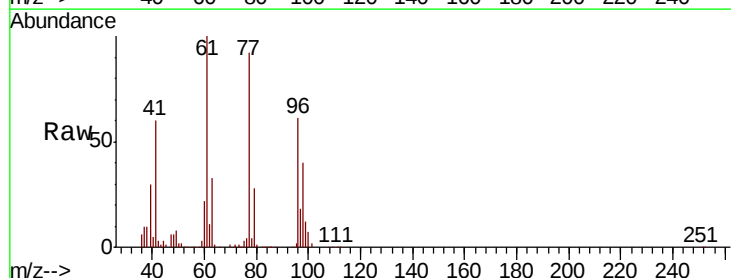
Tgt Ion: 96 Resp: 192301

Ion Ratio Lower Upper

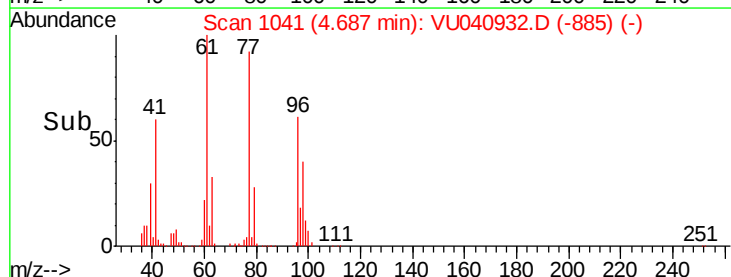
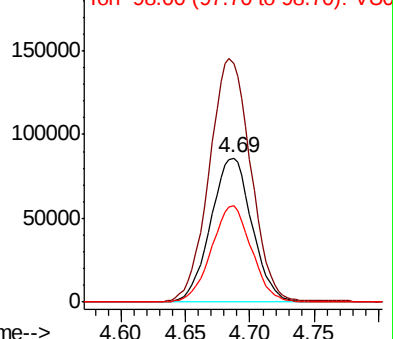
96 100

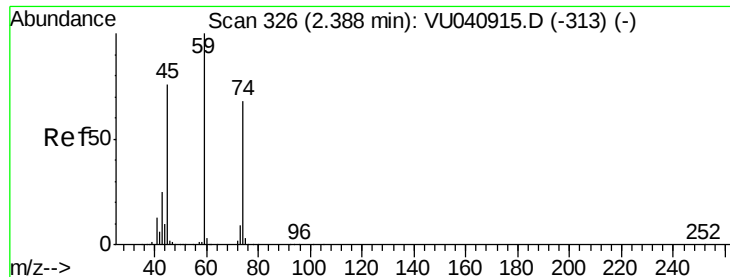
61 169.9 0.0 434.5

98 64.9 32.6 97.8



Abundance Ion 96.00 (95.70 to 96.70): VU040932.D (-885) (-)





#23

Diethyl Ether

Concen: 9.647 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

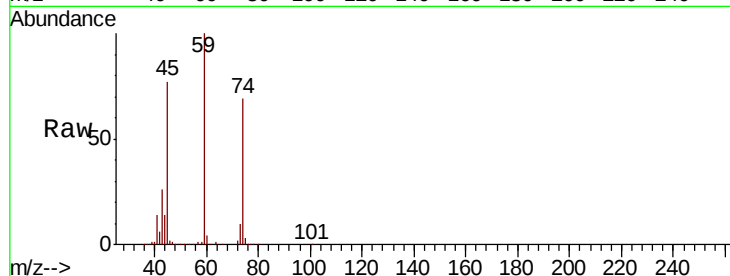
Tot Ion: 59 Resp: 159970

Ion Ratio Lower Upper

59 100

45 78.2 61.4 92.2

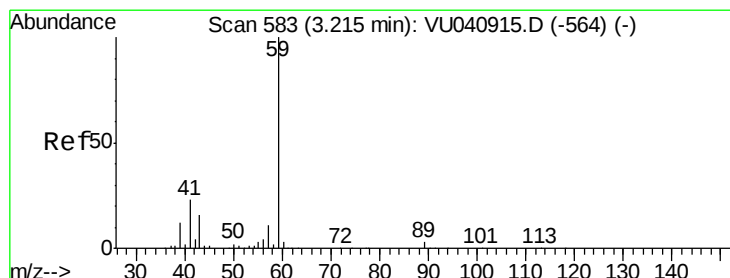
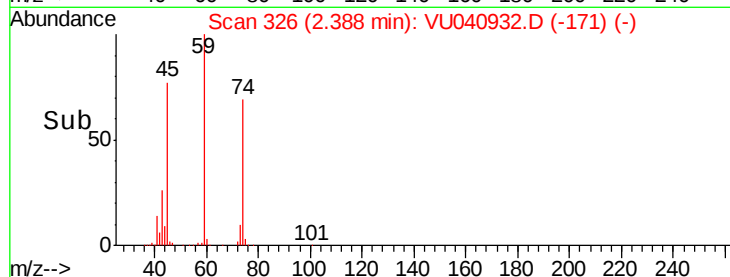
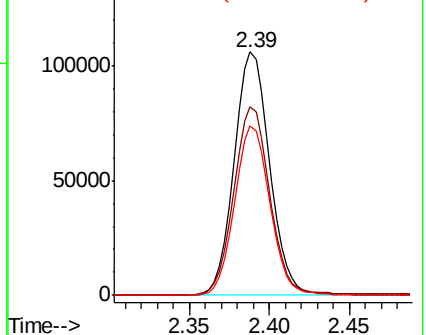
74 69.4 55.0 82.4



Abundance Ion 59.00 (58.70 to 59.70): VU040932.D (-171) (-)

Ion 45.00 (44.70 to 45.70): VU040932.D (-171) (-)

Ion 74.00 (73.70 to 74.70): VU040932.D (-171) (-)



#24

tert-Butyl Alcohol

Concen: 46.502 ug/l

RT: 3.27 min Scan# 600

Delta R.T. 0.05 min

Lab File: VU040932.D

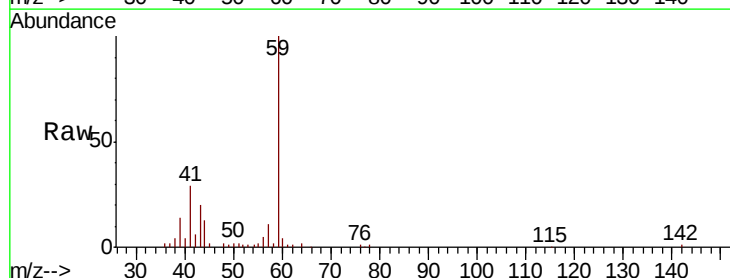
Acq: 23 Oct 2020 13:01

Tgt Ion: 59 Resp: 86020

Ion Ratio Lower Upper

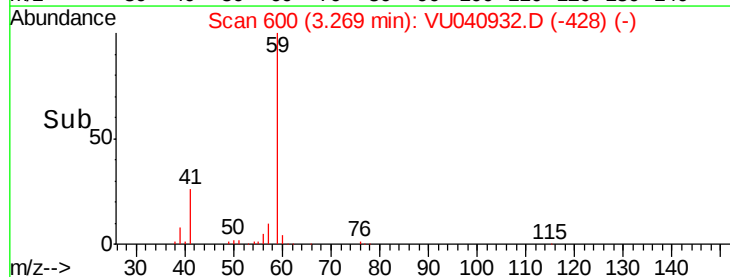
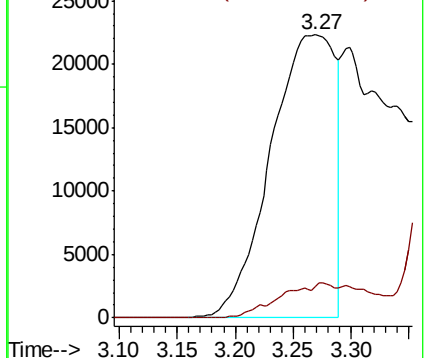
59 100

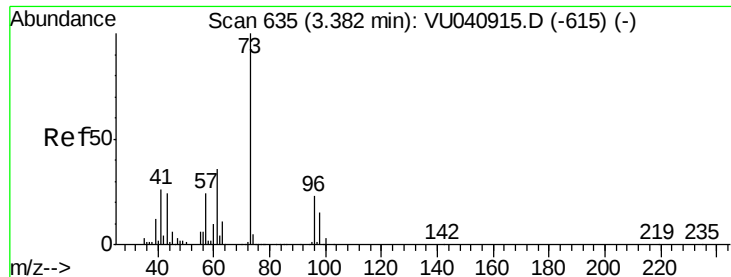
57 6.6 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU040932.D (-428) (-)

Ion 57.00 (56.70 to 57.70): VU040932.D (-428) (-)



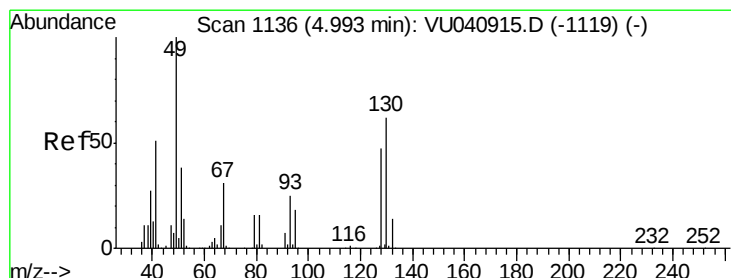
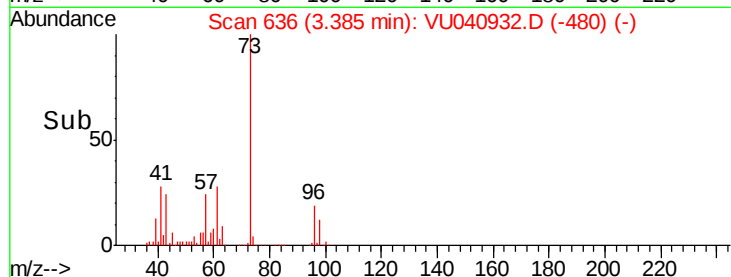
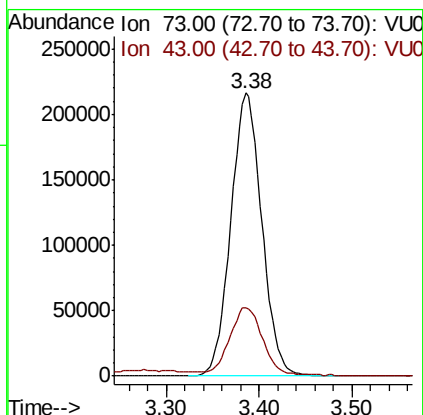
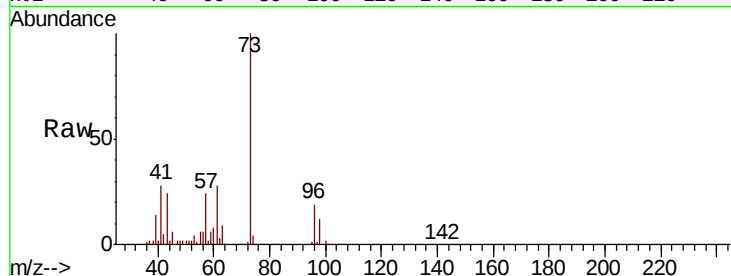


#25

Methyl tert-Butyl Ether
 Concen: 9.612 ug/l
 RT: 3.38 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

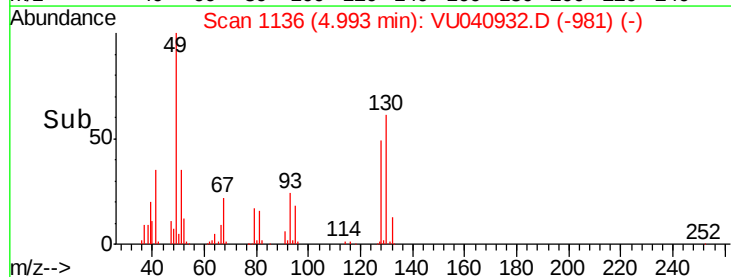
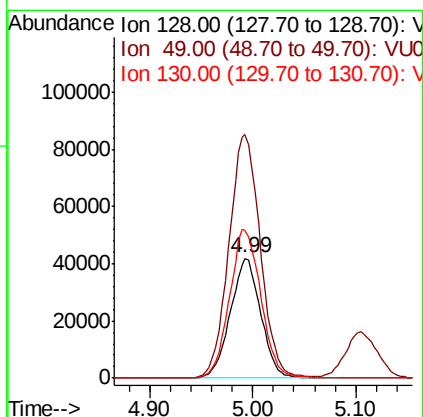
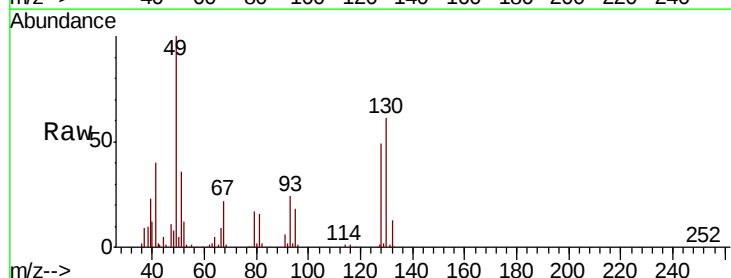
Tot Ion: 73 Resp: 500715
 Ion Ratio Lower Upper
 73 100
 43 25.2 19.0 28.6

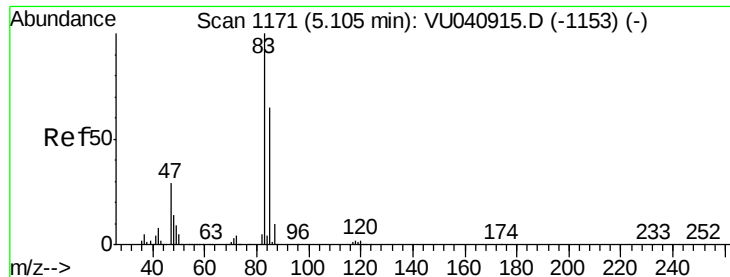


#26

Bromochloromethane
 Concen: 9.760 ug/l
 RT: 4.99 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Tgt Ion: 128 Resp: 86032
 Ion Ratio Lower Upper
 128 100
 49 210.0 0.0 426.4
 130 128.2 106.2 159.4

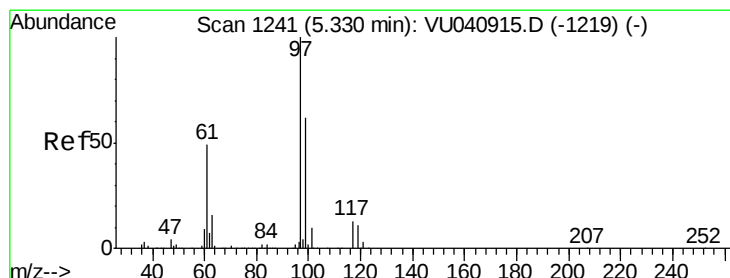
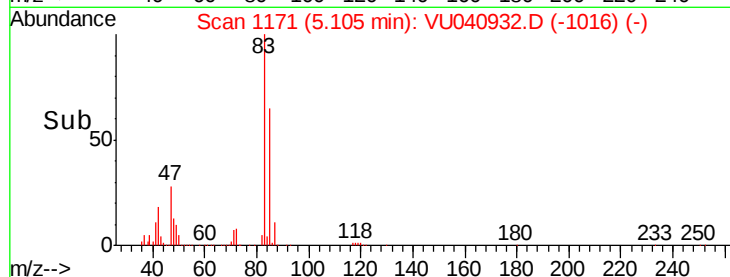
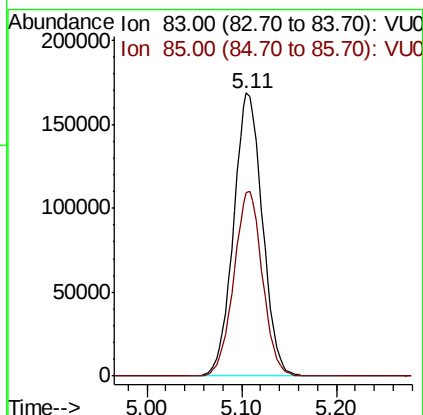
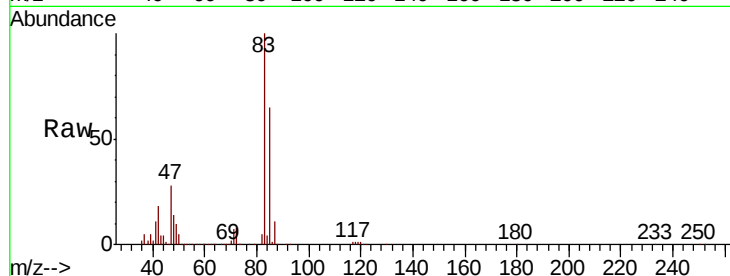




#27
Chloroform
Concen: 9.623 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

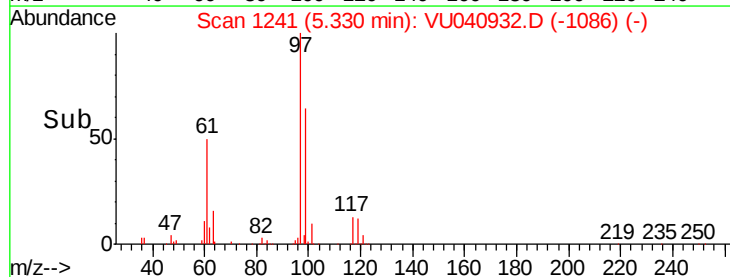
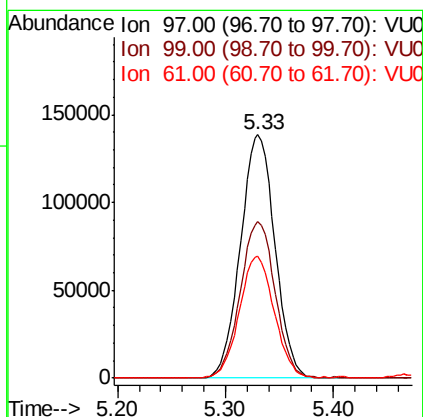
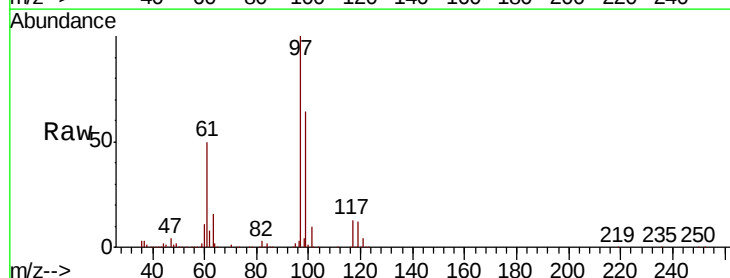
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

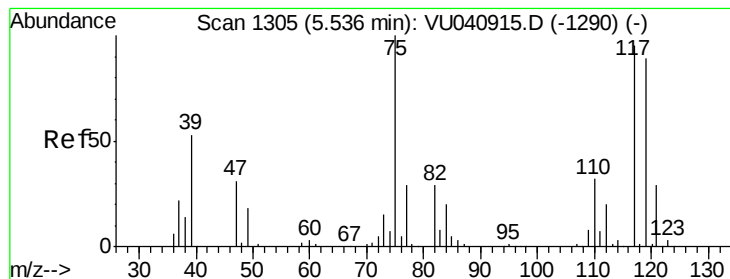
Tot Ion: 83 Resp: 357549
Ion Ratio Lower Upper
83 100
85 64.7 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 9.614 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

Tgt Ion: 97 Resp: 307965
Ion Ratio Lower Upper
97 100
99 65.2 31.4 94.3
61 50.4 24.7 74.1





#29

1,1-Dichloropropene

Concen: 9.687 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

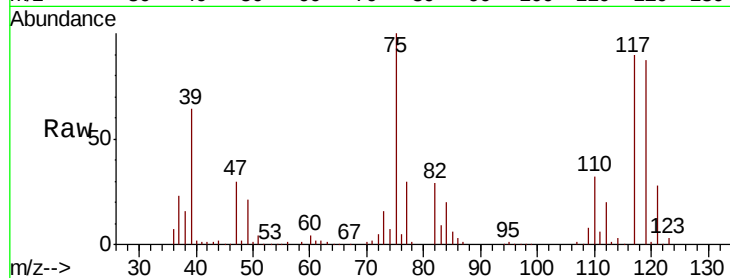
Tot Ion: 75 Resp: 271883

Ion Ratio Lower Upper

75 100

110 33.2 15.9 47.6

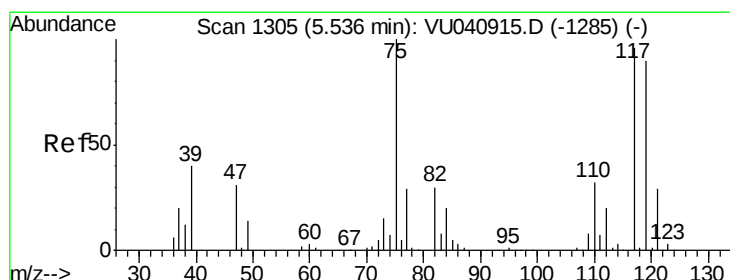
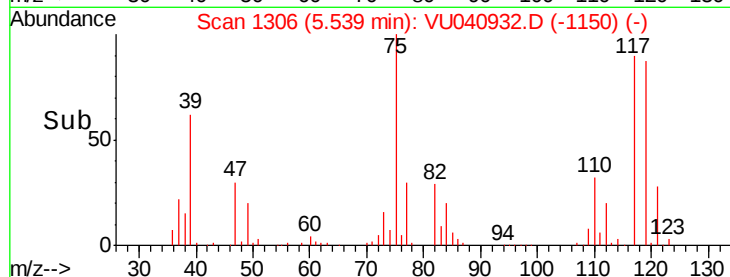
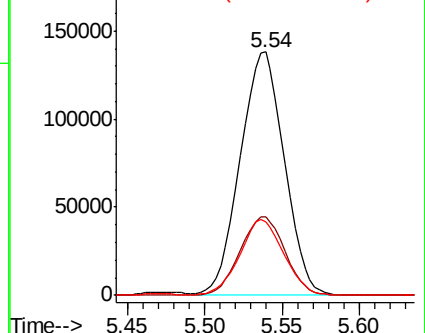
77 30.8 24.2 36.2



Abundance Ion 75.00 (74.70 to 75.70): VU040915.D (-1290) (-)

Ion 110.00 (109.70 to 110.70): VU040915.D (-1290) (-)

Ion 77.00 (76.70 to 77.70): VU040915.D (-1290) (-)



#30

Carbon Tetrachloride

Concen: 9.675 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

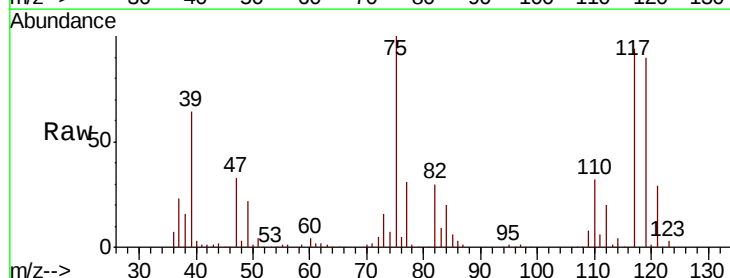
Tgt Ion: 117 Resp: 280505

Ion Ratio Lower Upper

117 100

119 95.6 74.9 112.3

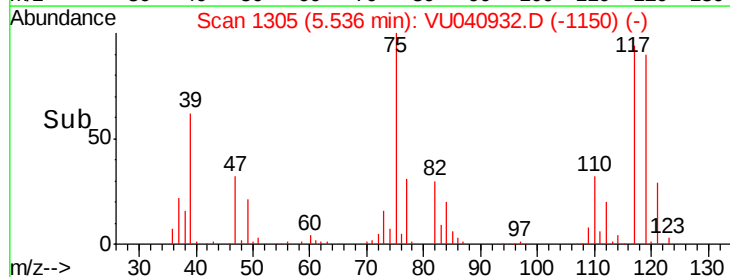
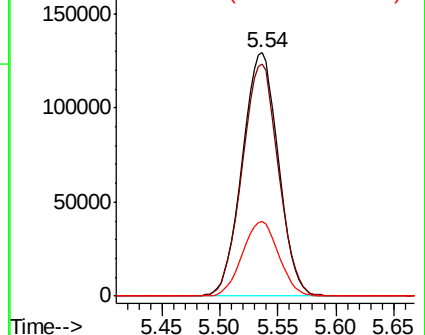
121 30.5 24.1 36.1

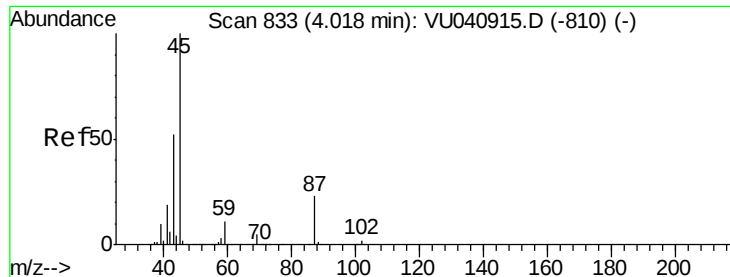


Abundance Ion 117.00 (116.70 to 117.70): VU040915.D (-1285) (-)

Ion 119.00 (118.70 to 119.70): VU040915.D (-1285) (-)

Ion 121.00 (120.70 to 121.70): VU040915.D (-1285) (-)





#31

Isopropyl Ether

Concen: 9.722 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

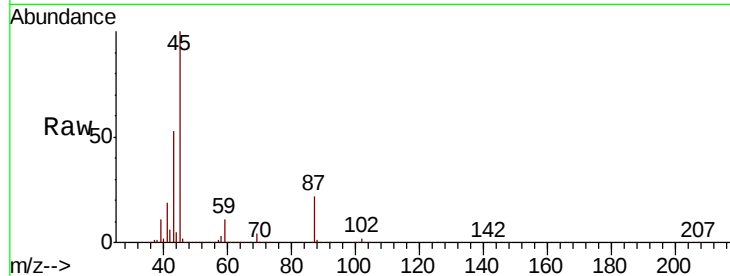
VSTDCCC010EC

Tot Ion: 45 Resp: 584478

Ion Ratio Lower Upper

45 100

43 53.2 26.8 80.3



Abundance Ion 45.00 (44.70 to 45.70): VU040932.D (-678) (-)

Ion 43.00 (42.70 to 43.70): VU040932.D (-678) (-)

4.02

250000

200000

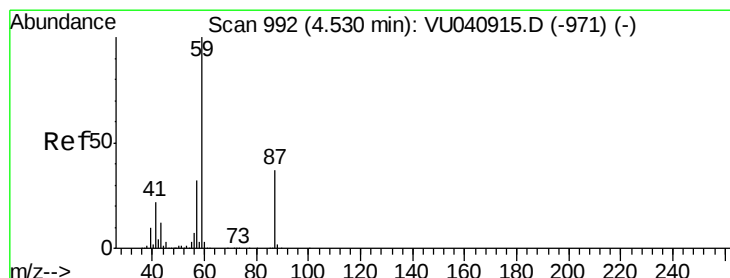
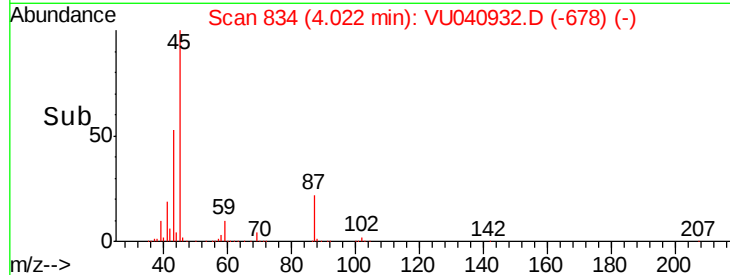
150000

100000

50000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 9.640 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040932.D

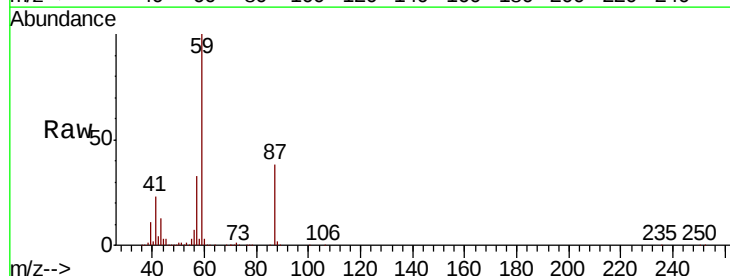
Acq: 23 Oct 2020 13:01

Tgt Ion: 59 Resp: 510418

Ion Ratio Lower Upper

59 100

87 37.1 30.6 46.0



Abundance Ion 59.00 (58.70 to 59.70): VU040932.D (-837) (-)

Ion 87.00 (86.70 to 87.70): VU040932.D (-837) (-)

4.53

200000

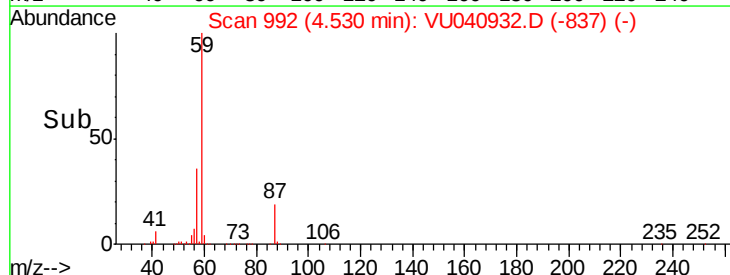
150000

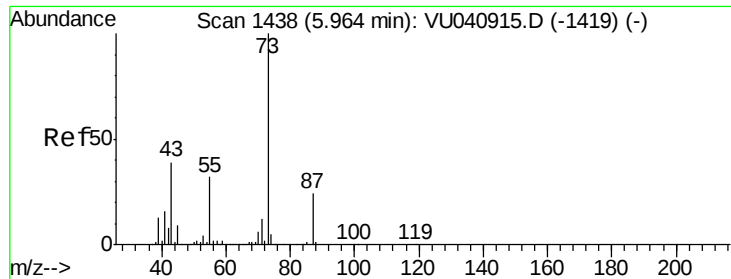
100000

50000

0

Time-->

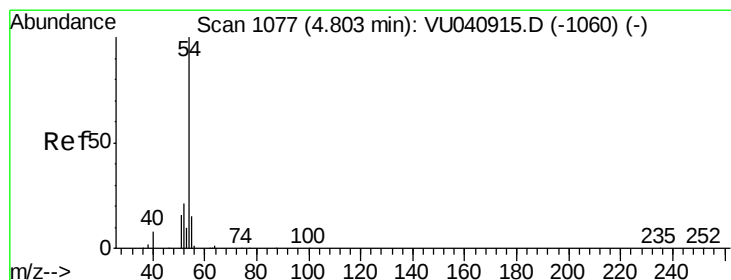
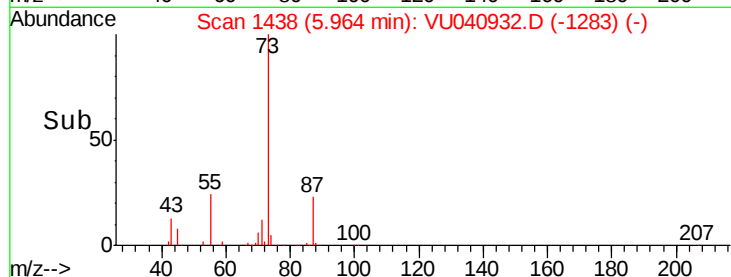
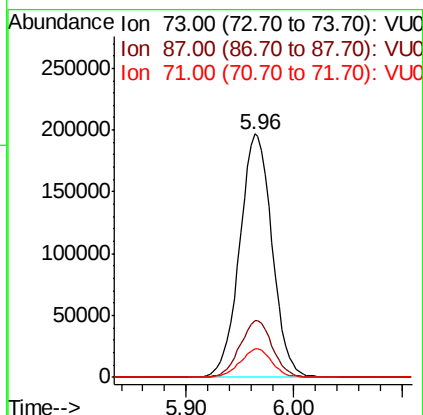
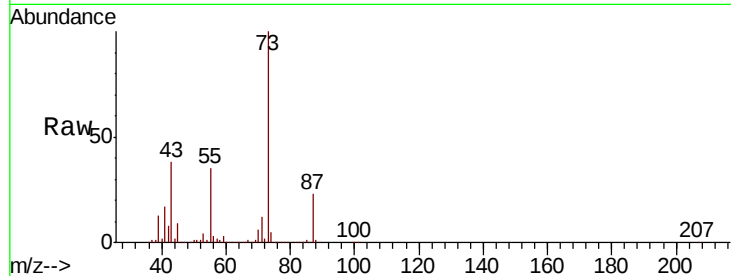




#33
 Tert-Butyl methyl ether
 Concen: 10.381 ug/l
 RT: 5.96 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

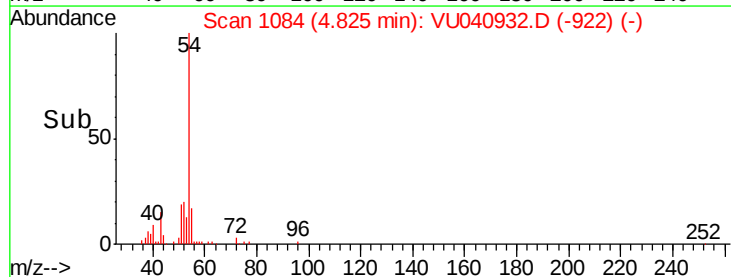
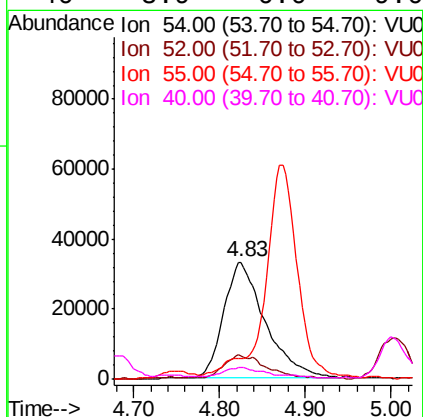
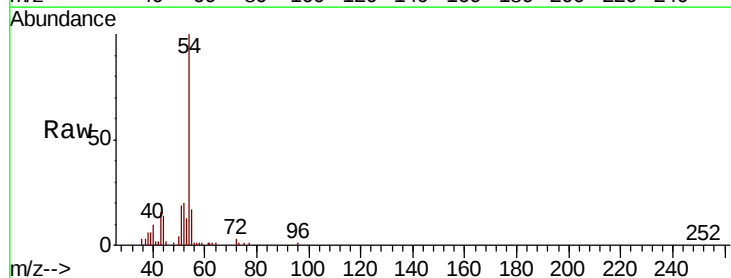
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

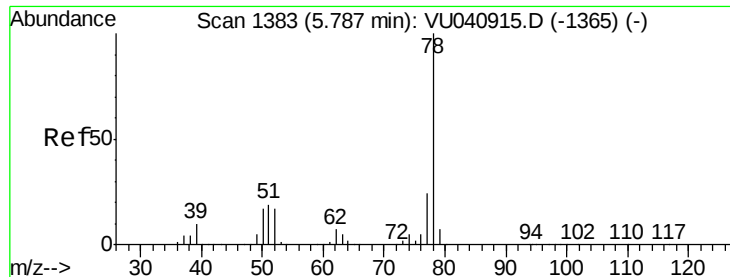
Tot Ion: 73 Resp: 409362
 Ion Ratio Lower Upper
 73 100
 87 23.5 19.0 28.4
 71 11.5 9.7 14.5



#34
 Propionitrile
 Concen: 49.823 ug/l
 RT: 4.83 min Scan# 1084
 Delta R.T. 0.02 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Tgt Ion: 54 Resp: 109657
 Ion Ratio Lower Upper
 54 100
 52 19.7 15.5 23.3
 55 7.7 12.5 18.7#
 40 8.9 6.0 9.0





#35

Benzene

Concen: 9.909 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

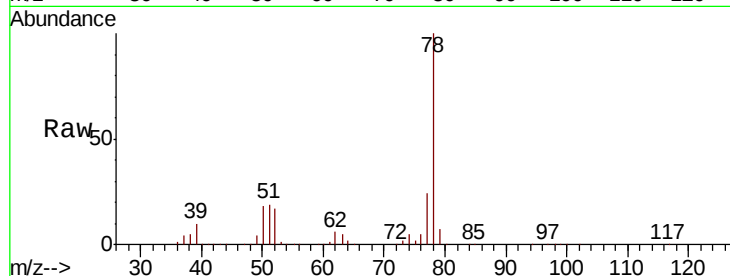
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 78 Resp: 770906

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU040915.D (-1365) (-)

Ion 77.00 (76.70 to 77.70): VU040915.D (-1365) (-)

5.79

400000

300000

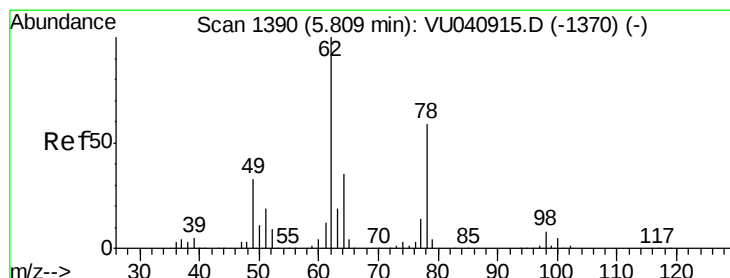
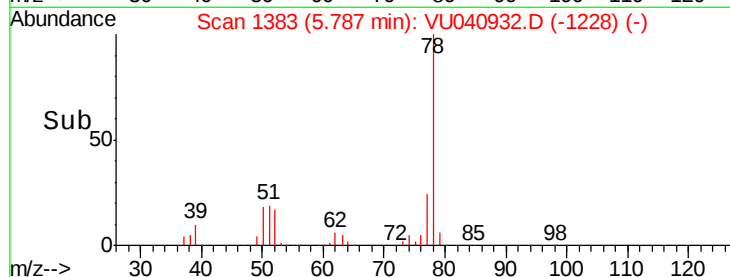
200000

100000

0

5.70 5.75 5.80 5.85

Time-->



#36

1,2-Dichloroethane

Concen: 9.744 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040932.D

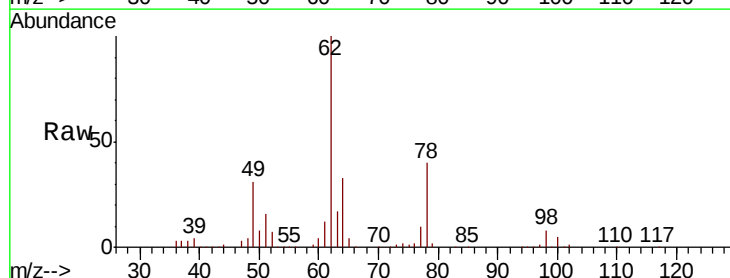
Acq: 23 Oct 2020 13:01

Tgt Ion: 62 Resp: 281011

Ion Ratio Lower Upper

62 100

98 7.8 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU040915.D (-1370) (-)

Ion 98.00 (97.70 to 98.70): VU040915.D (-1370) (-)

5.81

150000

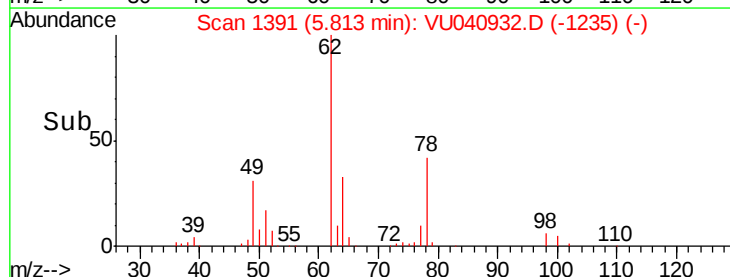
100000

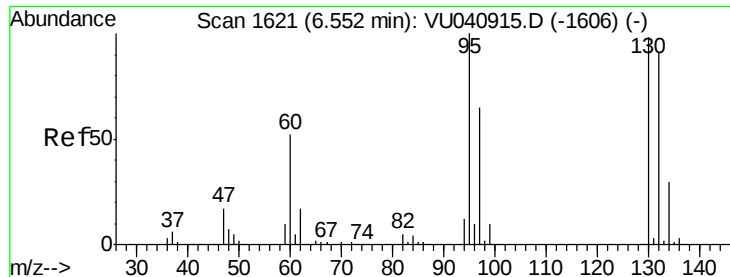
50000

0

5.70 5.80 5.90

Time-->

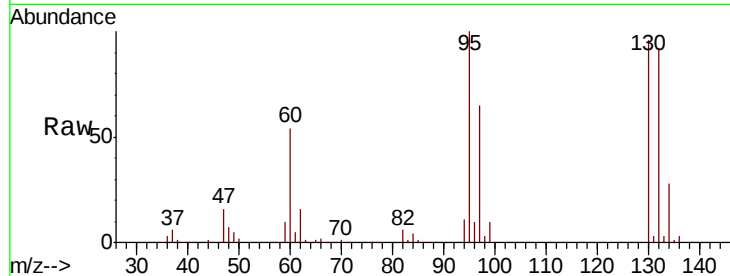




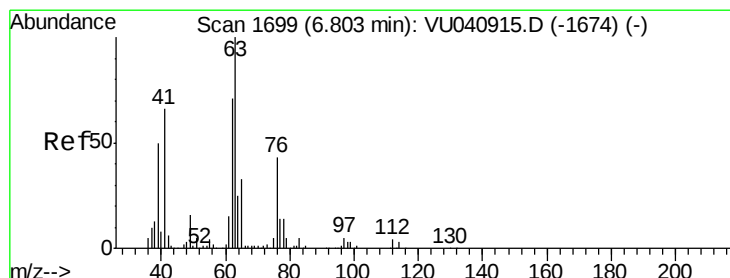
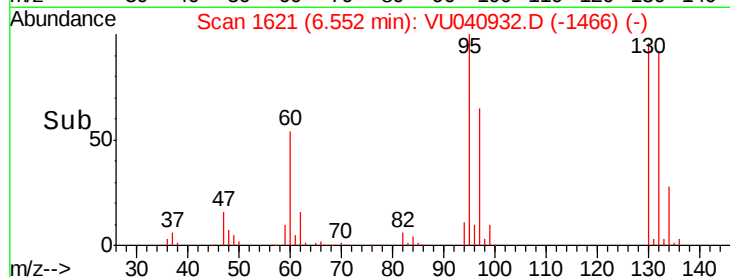
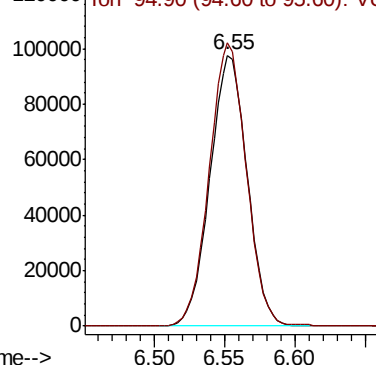
#37
 Trichloroethene
 Concen: 9.803 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:130 Resp: 180289
 Ion Ratio Lower Upper
 130 100
 95 104.4 81.9 122.9

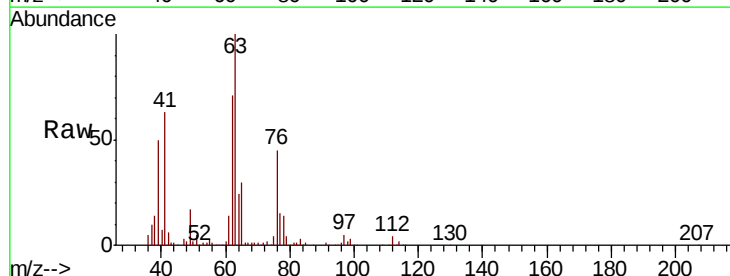


Abundance Ion 129.90 (129.60 to 130.60): VU040915.D (-1606) (-)
 Ion 94.90 (94.60 to 95.60): VU040915.D (-1606) (-)

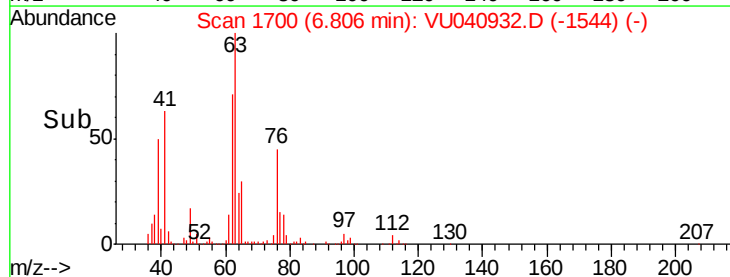
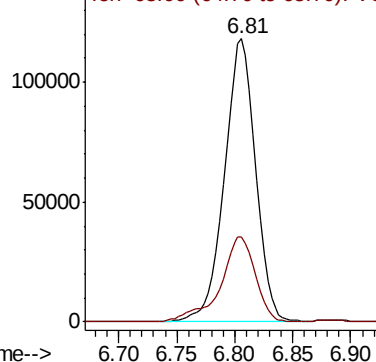


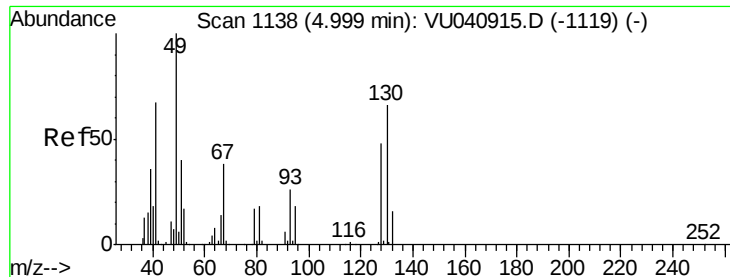
#38
 1,2-Dichloropropane
 Concen: 10.044 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Tgt Ion: 63 Resp: 221703
 Ion Ratio Lower Upper
 63 100
 65 29.6 26.2 39.2



Abundance Ion 63.00 (62.70 to 63.70): VU040915.D (-1674) (-)
 Ion 65.00 (64.70 to 65.70): VU040915.D (-1674) (-)

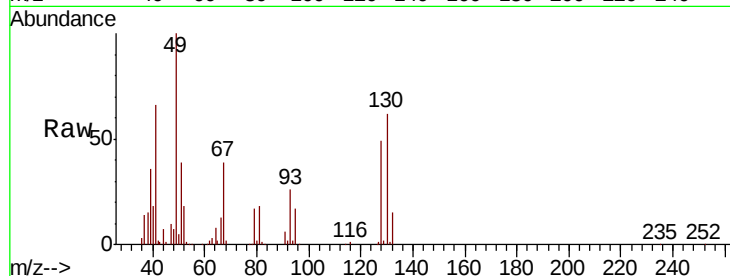




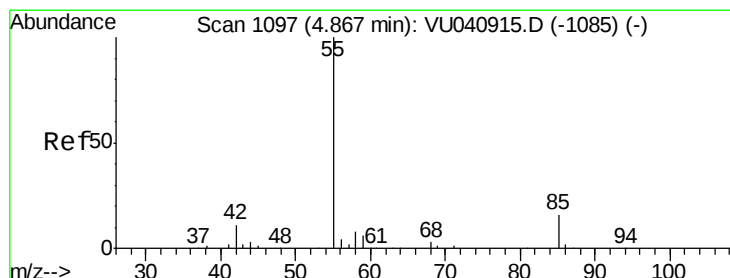
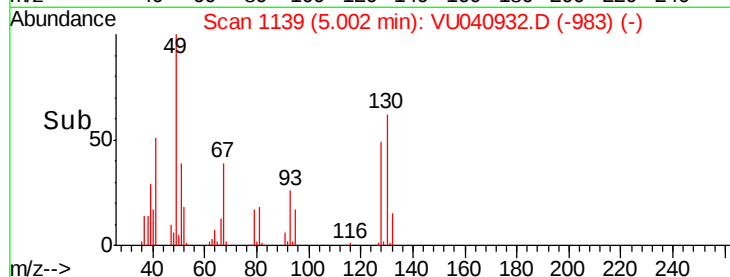
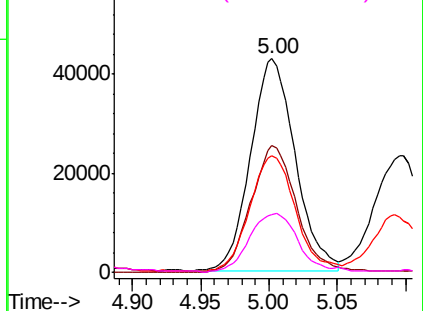
#39
Methacrylonitrile
Concen: 9.429 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 41 Resp: 97286
Ion Ratio Lower Upper
41 100
67 61.0 48.7 73.1
39 55.4 44.6 67.0
52 29.8 23.3 34.9

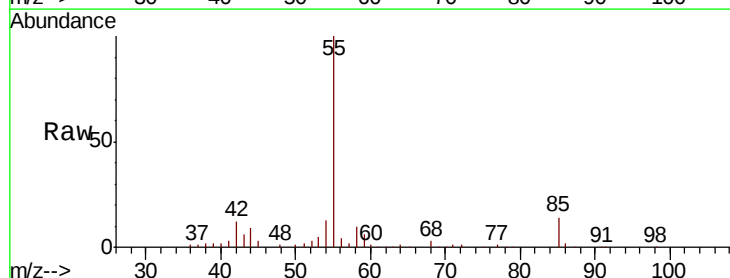


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

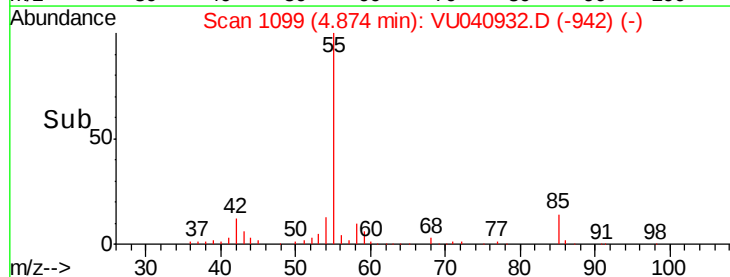
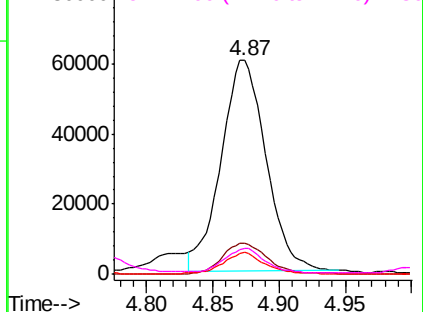


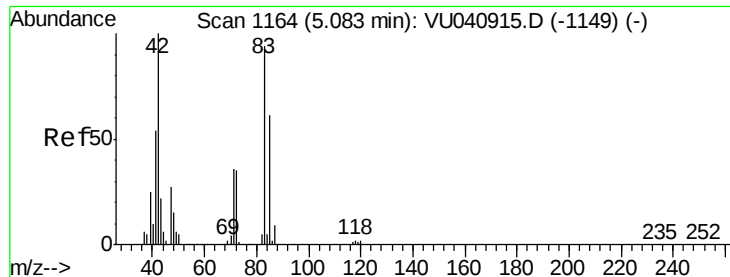
#40
Methyl acrylate
Concen: 10.069 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.01 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

Tgt Ion: 55 Resp: 142456
Ion Ratio Lower Upper
55 100
85 14.3 12.2 18.2
58 9.5 6.8 10.2
42 10.6 9.4 14.2



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 18.613 ug/l

RT: 5.09 min Scan# 1167

Delta R.T. 0.01 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

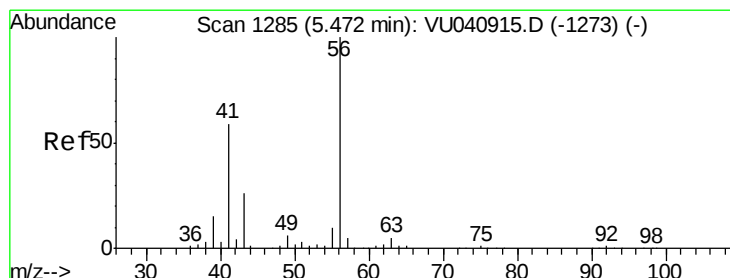
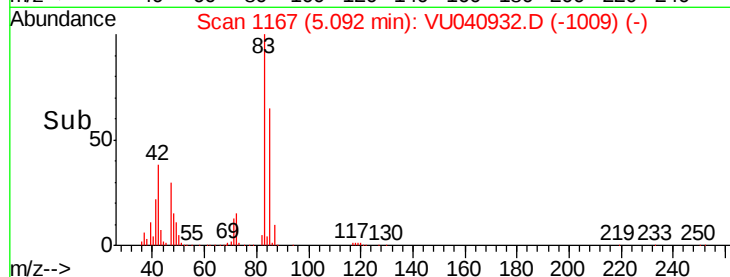
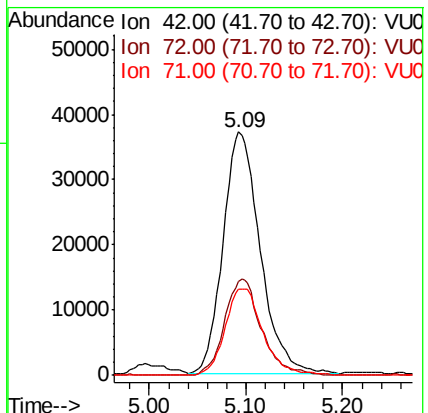
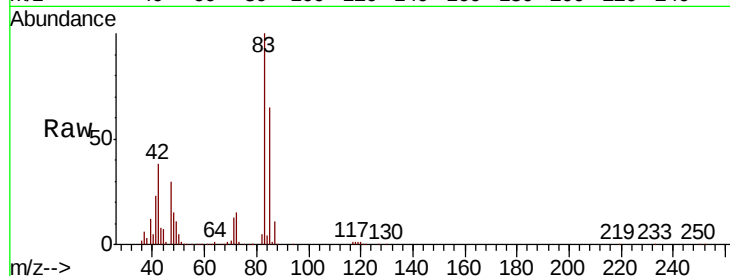
Tot Ion: 42 Resp: 98791

Ion Ratio Lower Upper

42 100

72 39.6 30.1 45.1

71 36.8 27.9 41.9



#42

1-Chlorobutane

Concen: 9.901 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU040932.D

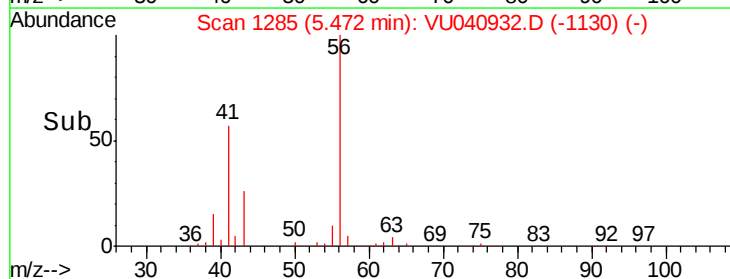
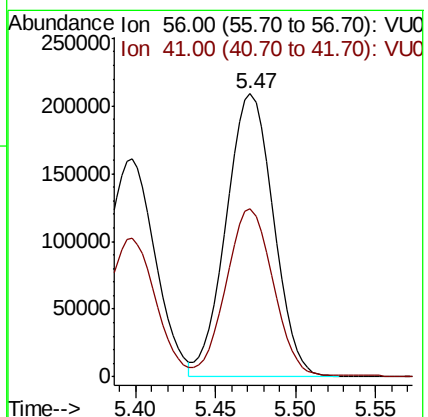
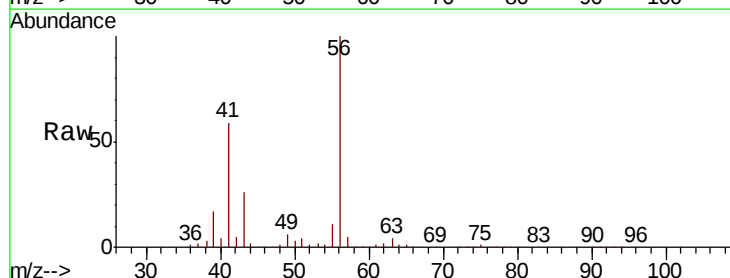
Acq: 23 Oct 2020 13:01

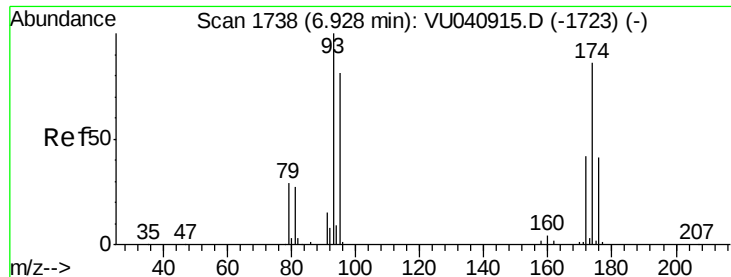
Tgt Ion: 56 Resp: 420112

Ion Ratio Lower Upper

56 100

41 58.3 29.6 88.8





#43

Dibromomethane

Concen: 9.733 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

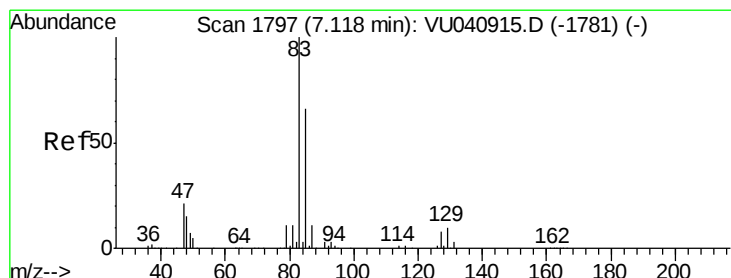
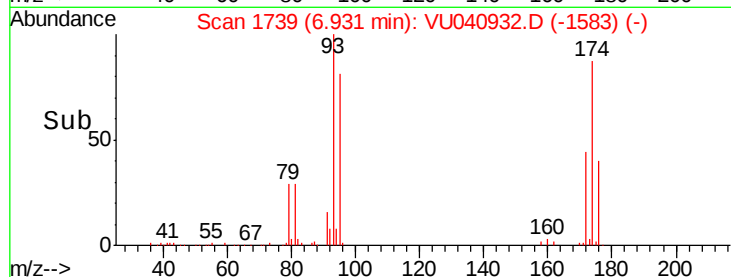
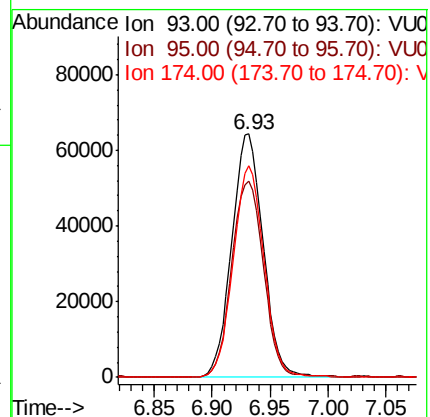
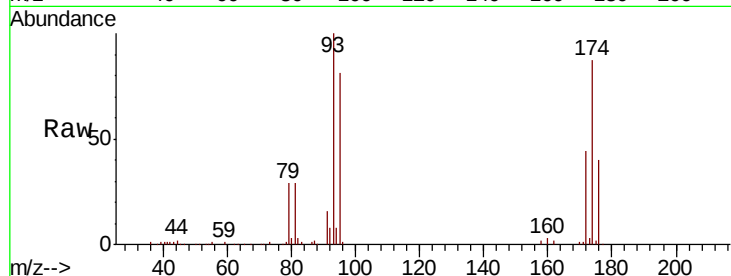
Tot Ion: 93 Resp: 120397

Ion Ratio Lower Upper

93 100

95 82.3 66.3 99.5

174 85.1 70.4 105.6



#44

Bromodichloromethane

Concen: 9.953 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

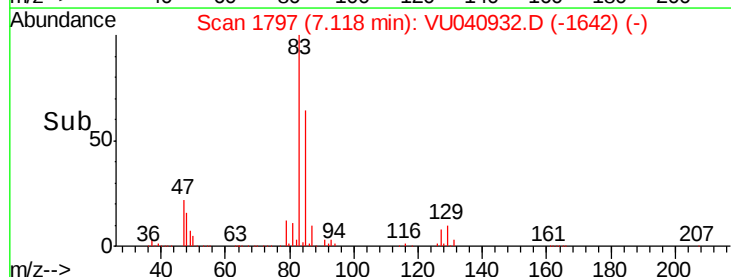
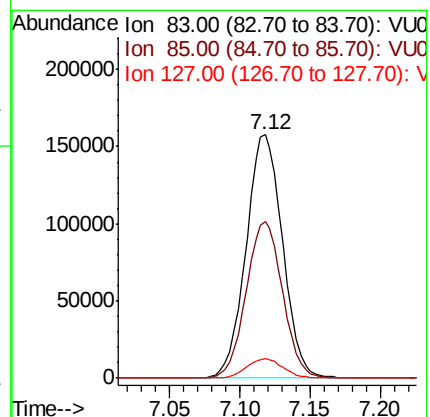
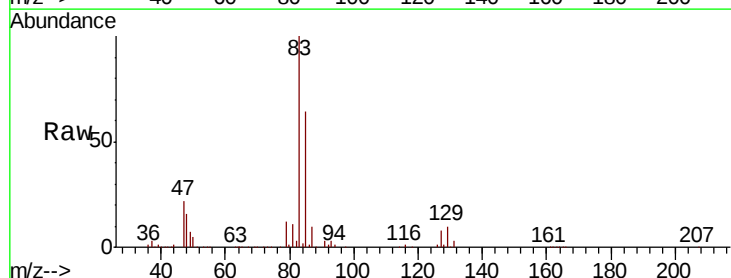
Tgt Ion: 83 Resp: 285861

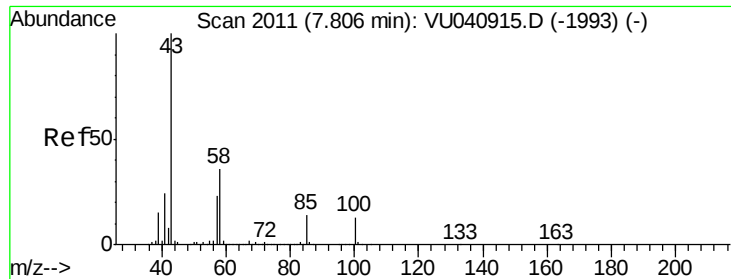
Ion Ratio Lower Upper

83 100

85 64.2 52.6 78.8

127 7.9 6.4 9.6

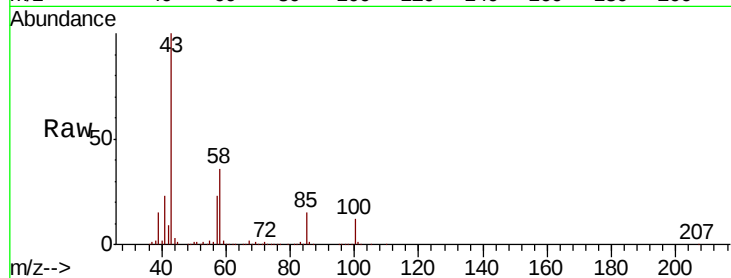




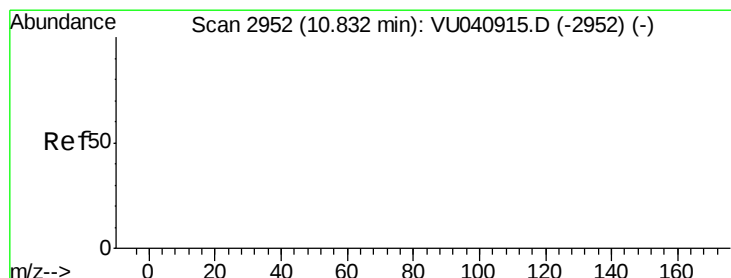
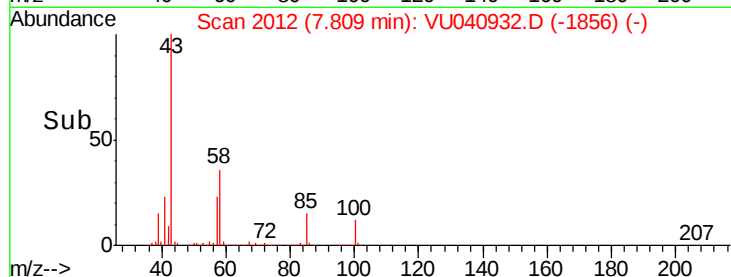
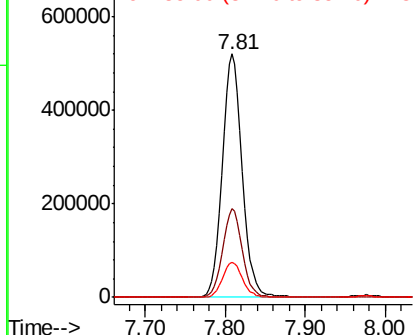
#45
4-Methyl-2-Pentanone
Concen: 55.206 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 43 Resp: 896547
Ion Ratio Lower Upper
43 100
58 35.8 17.8 53.5
85 14.6 11.4 17.2

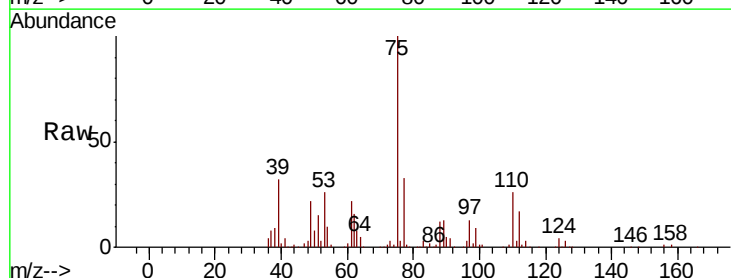


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

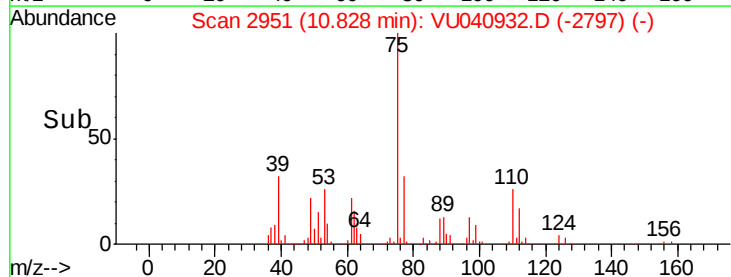
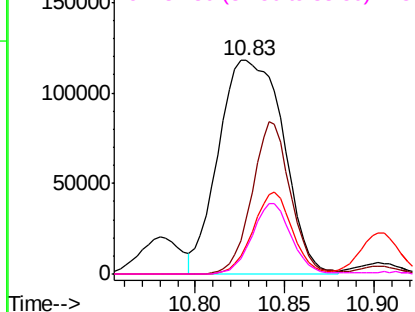


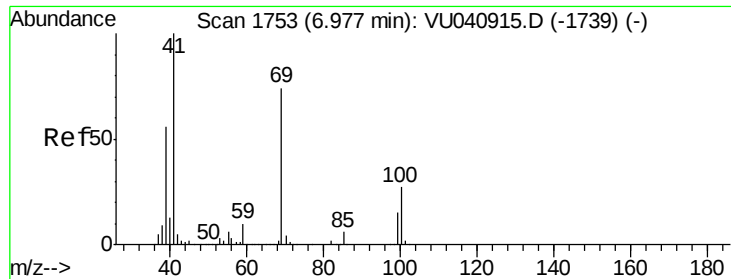
#46
t-1,4-Dichloro-2-butene
Concen: 46.449 ug/l
RT: 10.83 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

Tgt Ion: 75 Resp: 298289
Ion Ratio Lower Upper
75 100
53 42.7 73.0 109.4#
89 23.4 41.7 62.5#
88 20.2 34.4 51.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

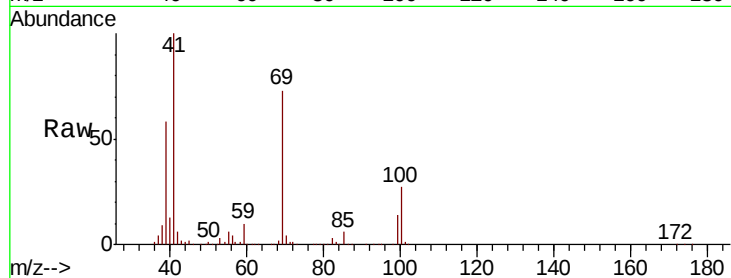




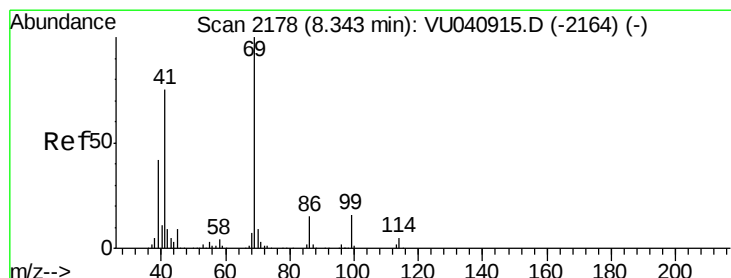
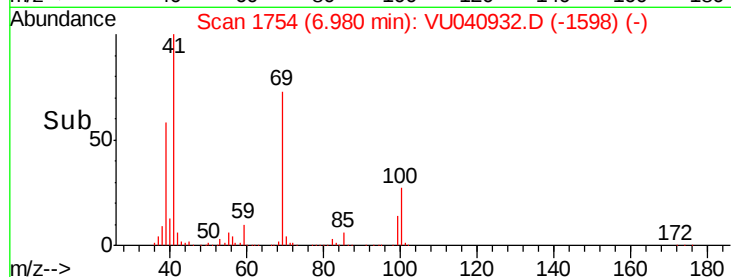
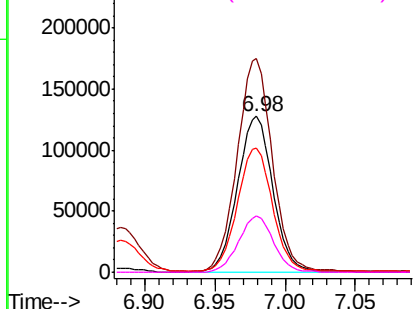
#47
Methvl methacrylate
Concen: 21.831 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 69 Resp: 225464
Ion Ratio Lower Upper
69 100
41 135.0 0.0 270.2
39 78.1 61.6 92.4
100 35.6 29.0 43.6

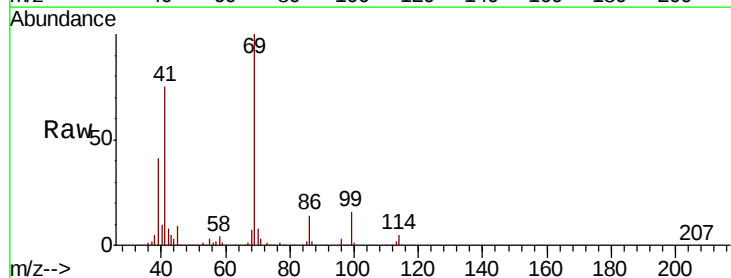


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

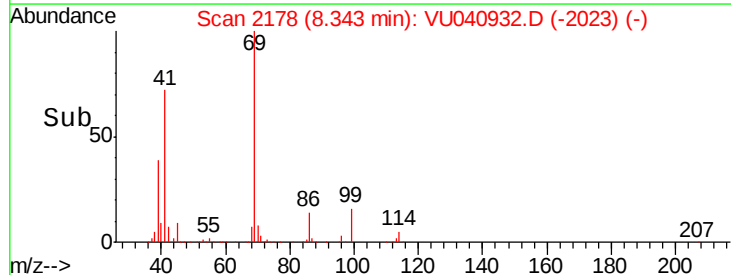
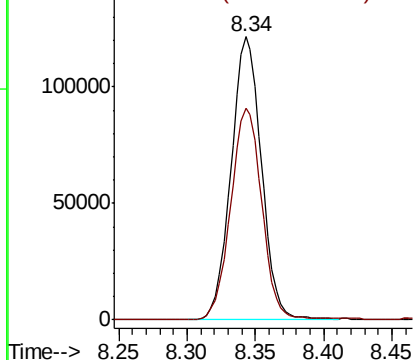


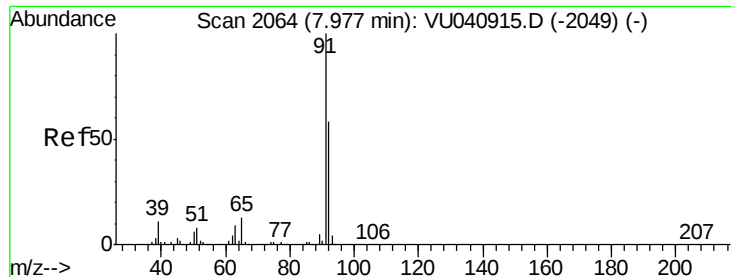
#48
Ethyl methacrylate
Concen: 10.837 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

Tgt Ion: 69 Resp: 188286
Ion Ratio Lower Upper
69 100
41 76.2 37.6 112.9



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 10.752 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

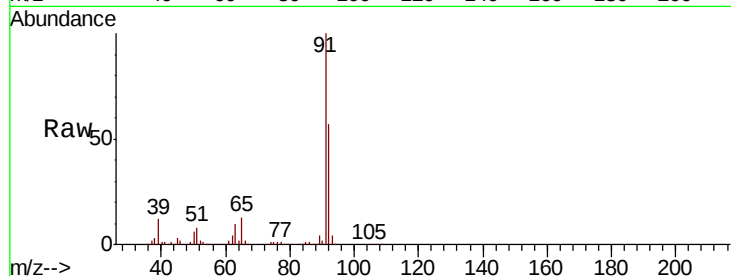
VSTDCCC010EC

Tot Ion: 92 Resp: 460017

Ion Ratio Lower Upper

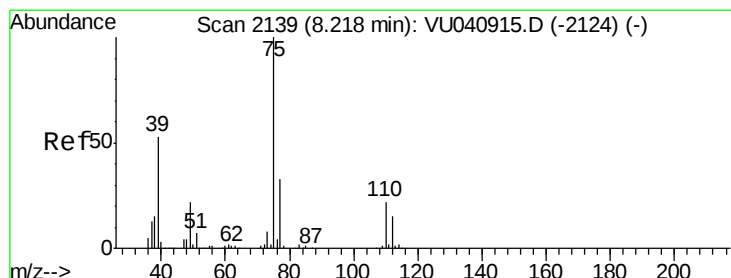
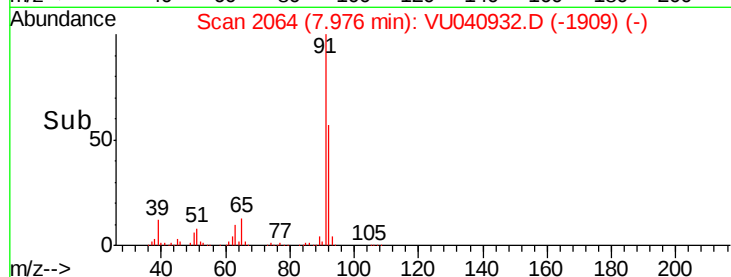
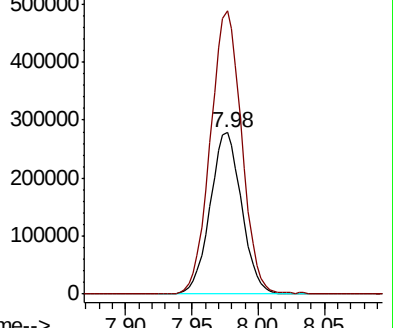
92 100

91 174.6 136.8 205.2



Abundance Ion 92.00 (91.70 to 92.70): VU040932.D (-1909) (-)

Ion 91.00 (90.70 to 91.70): VU040932.D (-1909) (-)



#50

t-1,3-Dichloropropene

Concen: 10.515 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040932.D

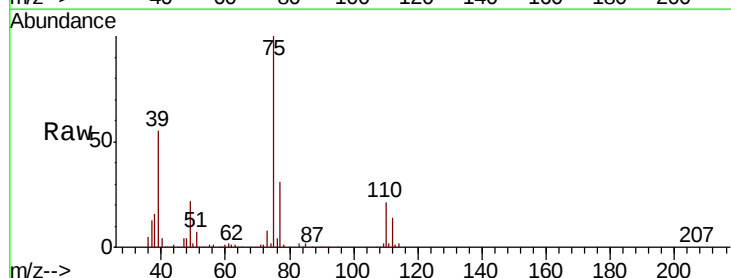
Acq: 23 Oct 2020 13:01

Tgt Ion: 75 Resp: 261002

Ion Ratio Lower Upper

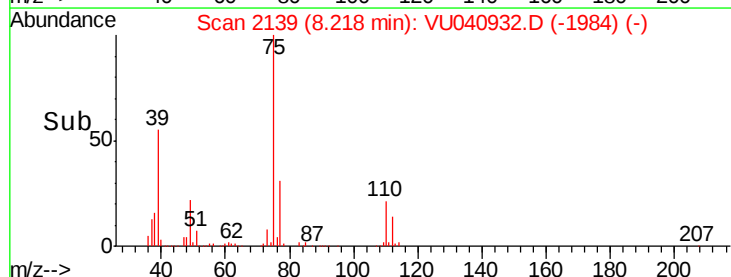
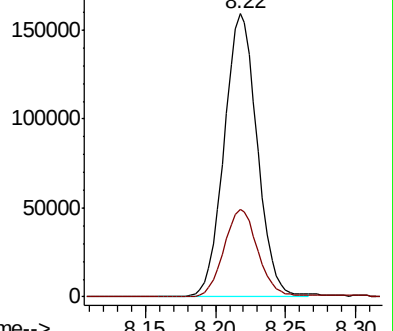
75 100

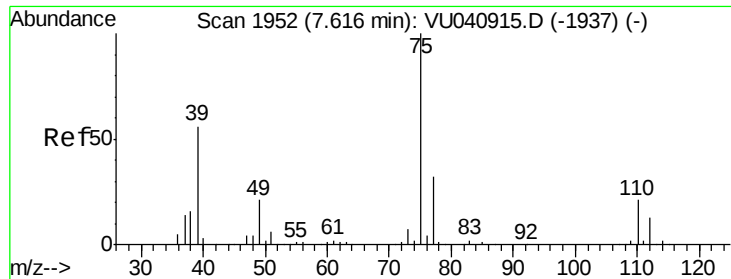
77 30.8 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU040932.D (-1984) (-)

Ion 77.00 (76.70 to 77.70): VU040932.D (-1984) (-)

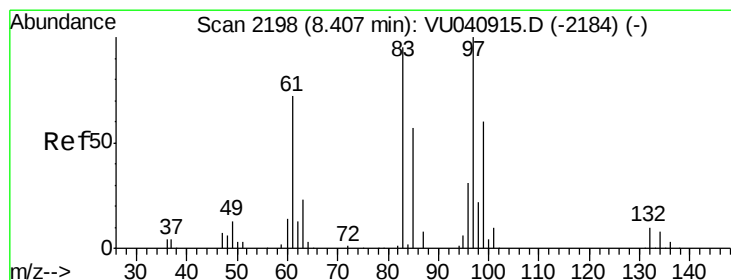
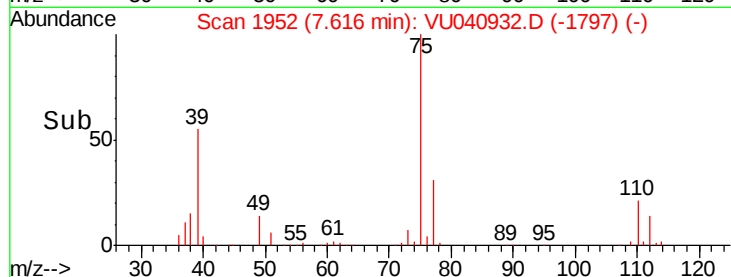
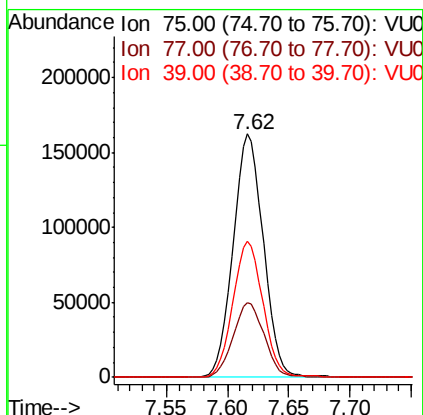
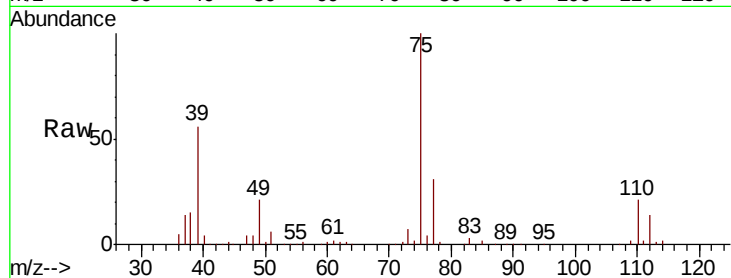




#51
 cis-1,3-Dichloropropene
 Concen: 10.280 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

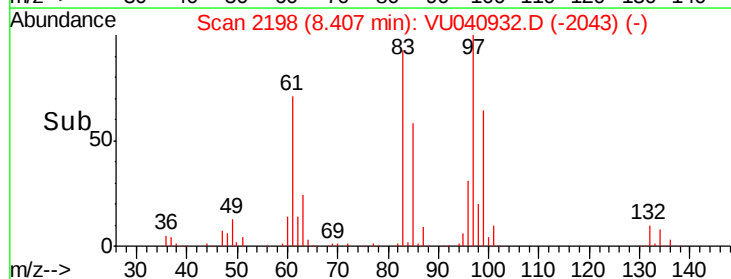
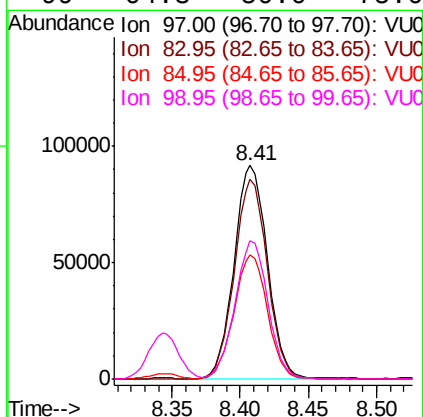
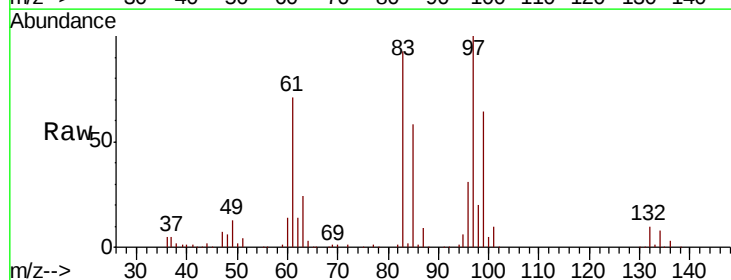
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

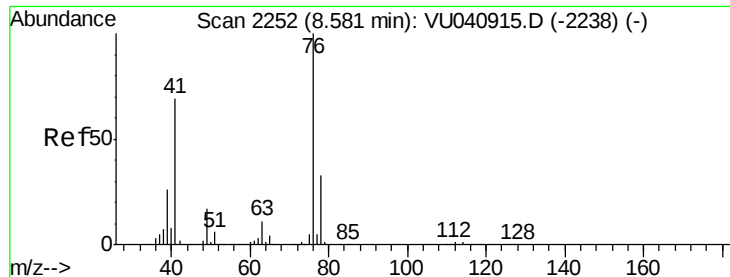
Tot Ion: 75 Resp: 279650
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0
 39 55.7 44.7 67.1



#52
 1,1,2-Trichloroethane
 Concen: 9.944 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Tgt Ion: 97 Resp: 155523
 Ion Ratio Lower Upper
 97 100
 83 93.6 75.9 113.9
 85 57.8 46.1 69.1
 99 64.3 50.0 75.0





#53

1,3-Dichloropropane

Concen: 10.105 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

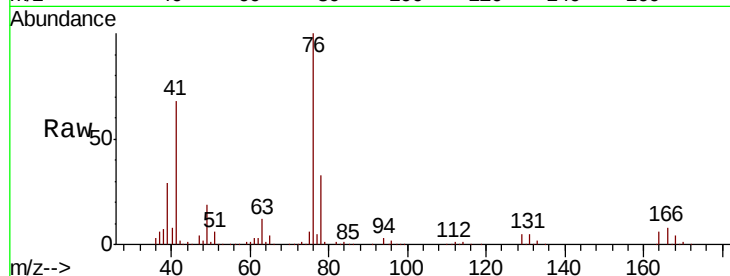
VSTDCCC010EC

Tot Ion: 76 Resp: 283724

Ion Ratio Lower Upper

76 100

78 32.2 26.6 39.8



Abundance Ion 76.00 (75.70 to 76.70): VU040932.D (-2132) (-)

Ion 78.00 (77.70 to 78.70): VU040932.D (-2132) (-)

8.58

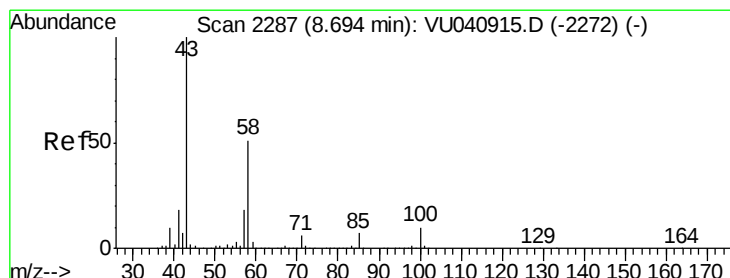
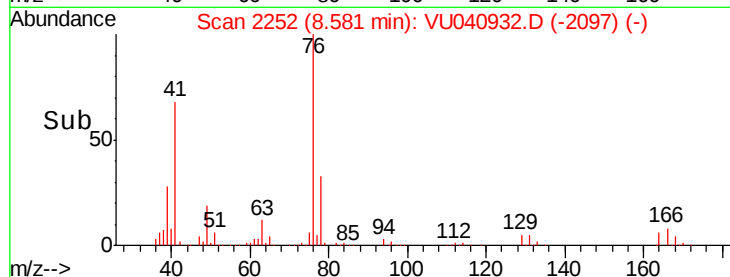
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65



#54

2-Hexanone

Concen: 58.532 ug/l

RT: 8.70 min Scan# 2288

Delta R.T. 0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

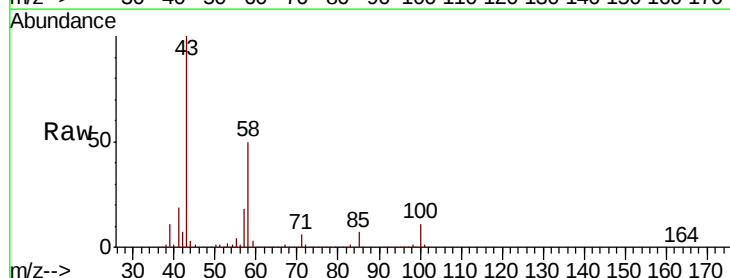
Tgt Ion: 43 Resp: 664103

Ion Ratio Lower Upper

43 100

58 49.8 30.2 70.2

57 17.6 0.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VU040932.D (-2132) (-)

Ion 58.00 (57.70 to 58.70): VU040932.D (-2132) (-)

Ion 57.00 (56.70 to 57.70): VU040932.D (-2132) (-)

8.70

500000

400000

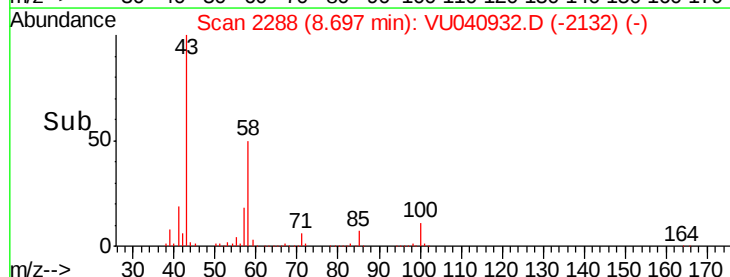
300000

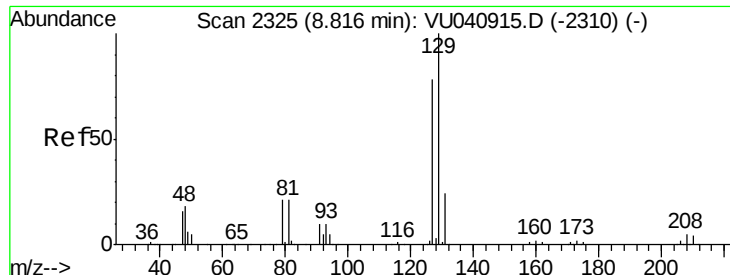
200000

100000

0

Time--> 8.60 8.65 8.70 8.75 8.80





#55

Dibromochloromethane

Concen: 9.780 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

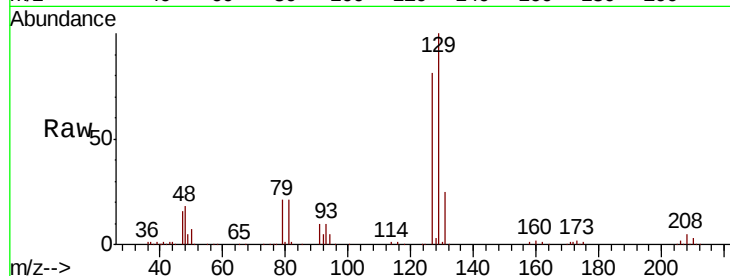
VSTDCCC010EC

Tot Ion:129 Resp: 183402

Ion Ratio Lower Upper

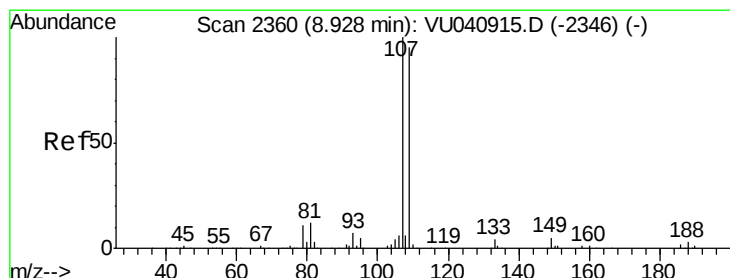
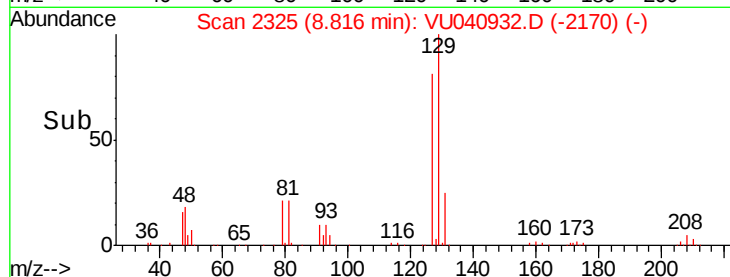
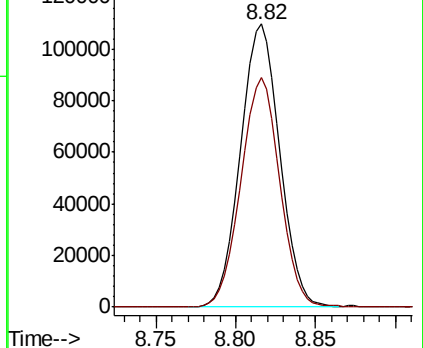
129 100

127 80.4 63.1 94.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 10.058 ug/l

RT: 8.93 min Scan# 2360

Delta R.T. -0.00 min

Lab File: VU040932.D

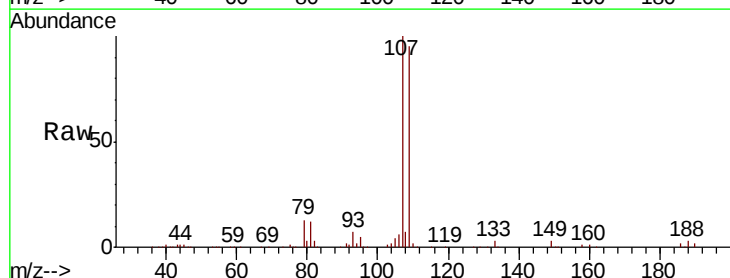
Acq: 23 Oct 2020 13:01

Tgt Ion:107 Resp: 145856

Ion Ratio Lower Upper

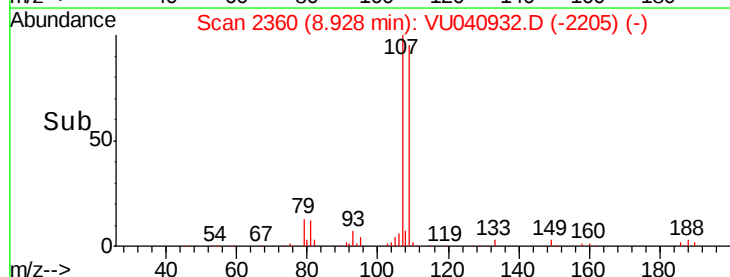
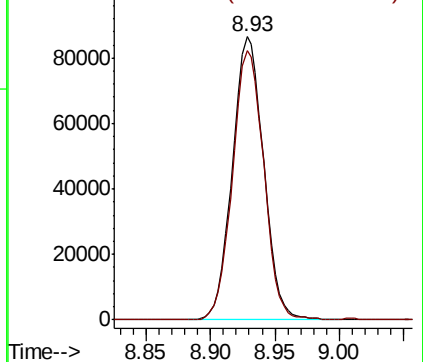
107 100

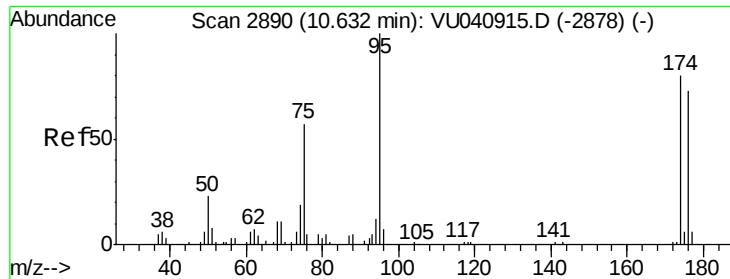
109 95.0 0.0 190.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

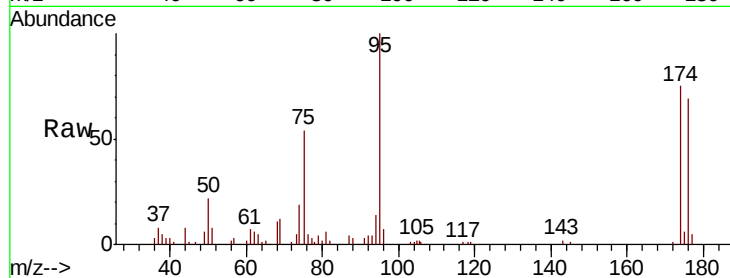




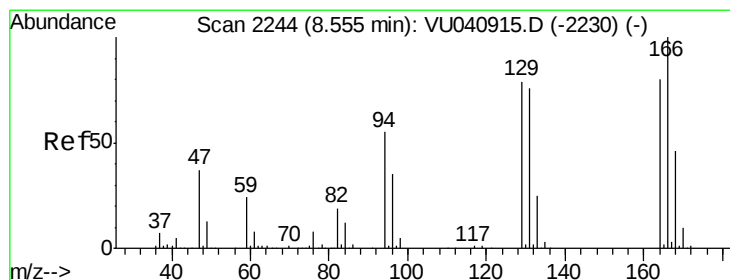
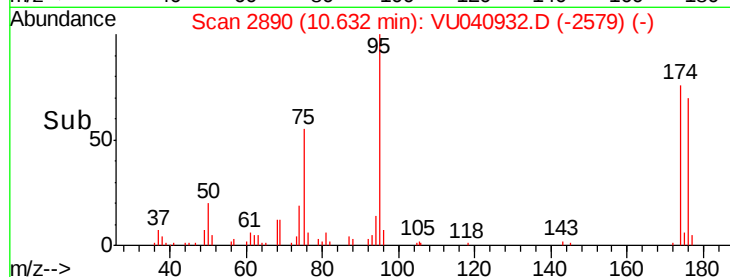
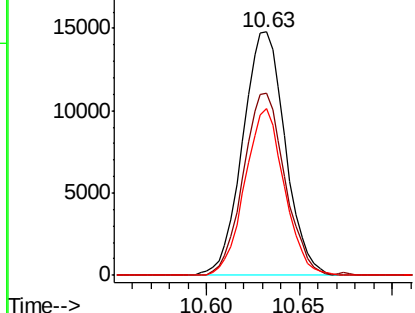
#57
 4-Bromofluorobenzene
 Concen: 1.066 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 95 Resp: 23623
 Ion Ratio Lower Upper
 95 100
 174 73.0 60.3 90.5
 176 63.7 55.6 83.4

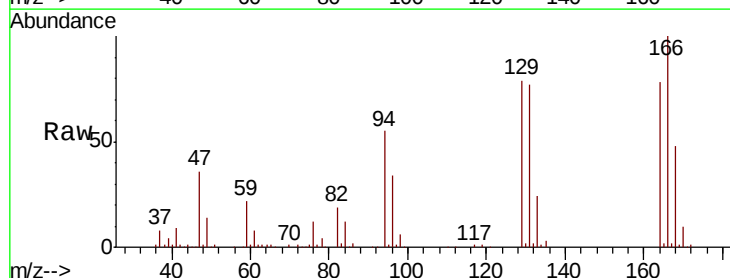


Abundance Ion 95.00 (94.70 to 95.70): VU040932.D (-2878) (-)
 Ion 174.00 (173.70 to 174.70): VU040932.D (-2878) (-)
 Ion 176.00 (175.70 to 176.70): VU040932.D (-2878) (-)

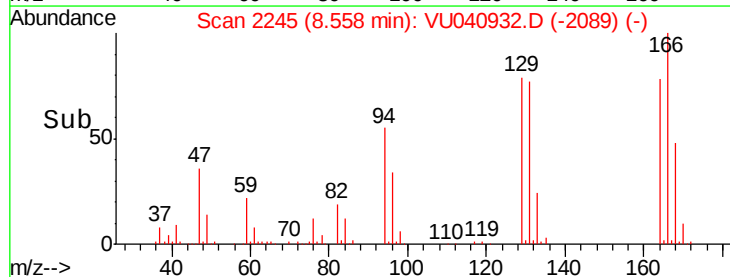
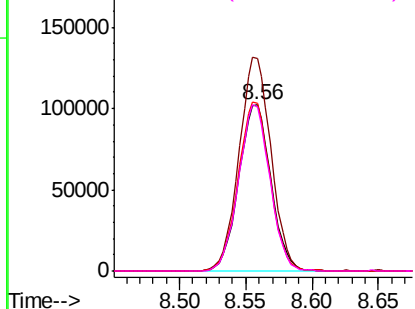


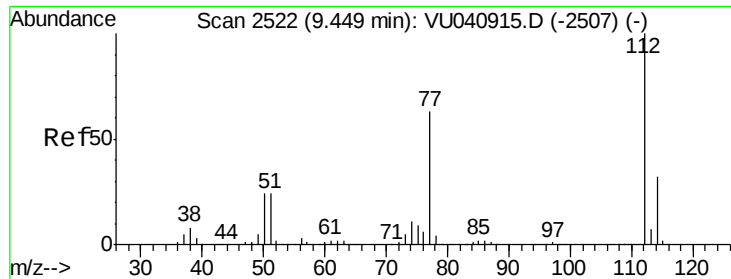
#58
 Tetrachloroethene
 Concen: 10.007 ug/l
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Tgt Ion: 164 Resp: 172043
 Ion Ratio Lower Upper
 164 100
 166 128.3 100.3 150.5
 129 100.9 79.4 119.0
 131 98.7 76.2 114.4



Abundance Ion 163.85 (163.55 to 164.55): VU040932.D (-2089) (-)
 Ion 165.80 (165.50 to 166.50): VU040932.D (-2089) (-)
 Ion 128.90 (128.60 to 129.60): VU040932.D (-2089) (-)
 Ion 130.90 (130.60 to 131.60): VU040932.D (-2089) (-)





#59

Chlorobenzene

Concen: 10.412 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

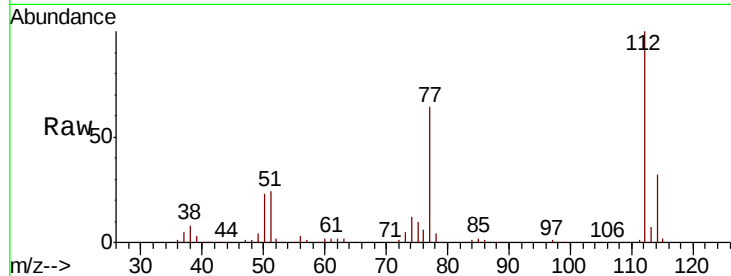
VSTDCCC010EC

Tot Ion:112 Resp: 471608

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

300000

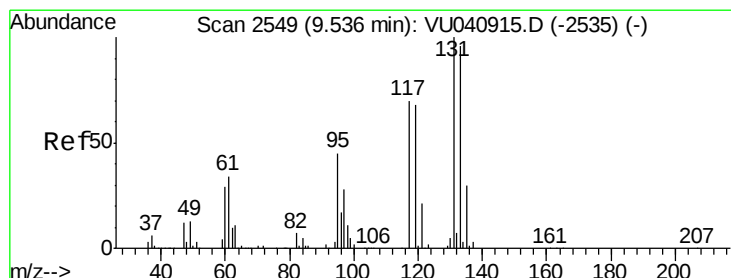
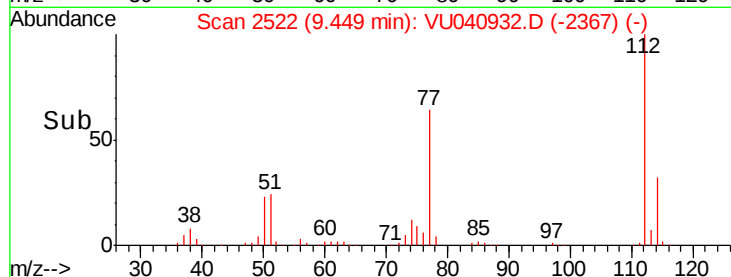
200000

100000

0

9.35 9.40 9.45 9.50 9.55

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 10.140 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

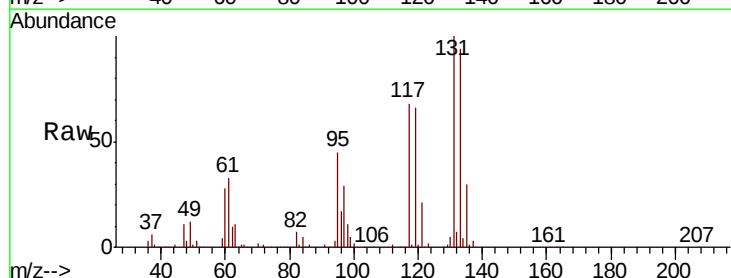
Tgt Ion:131 Resp: 180458

Ion Ratio Lower Upper

131 100

133 95.1 77.4 116.0

119 65.3 53.5 80.3



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

150000

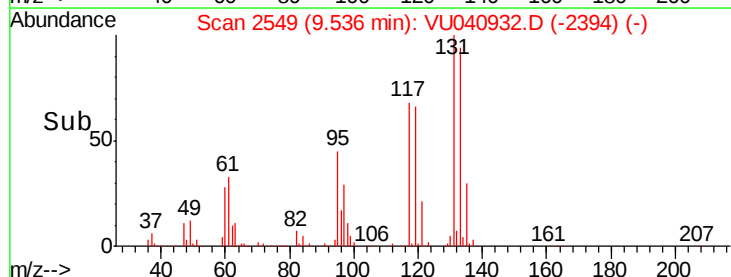
100000

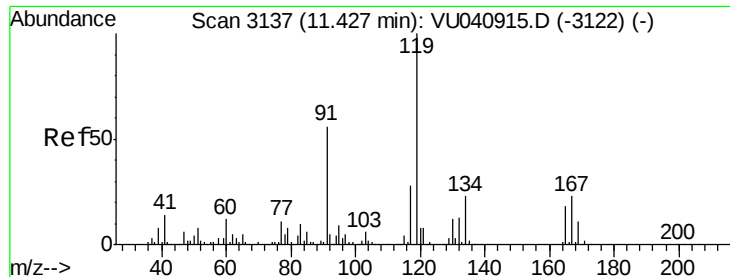
50000

0

9.45 9.50 9.55 9.60

Time-->

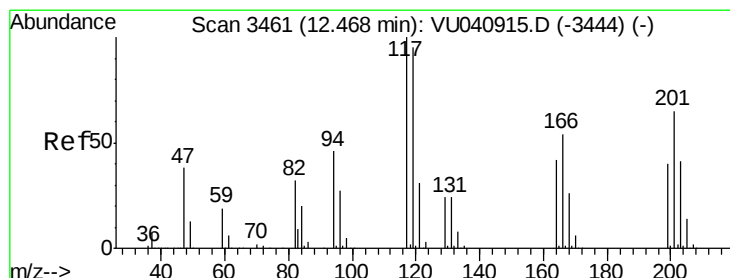
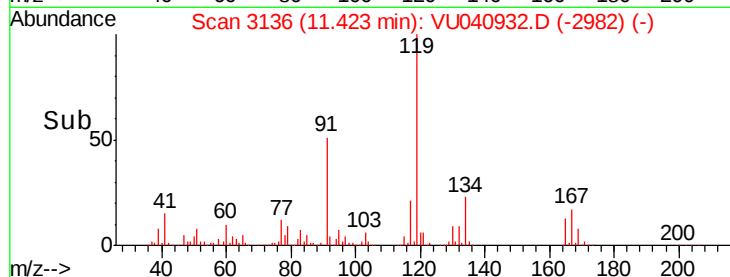
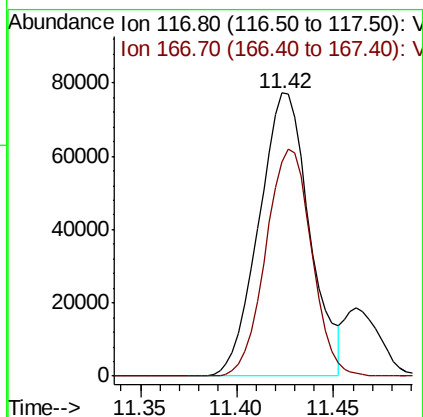
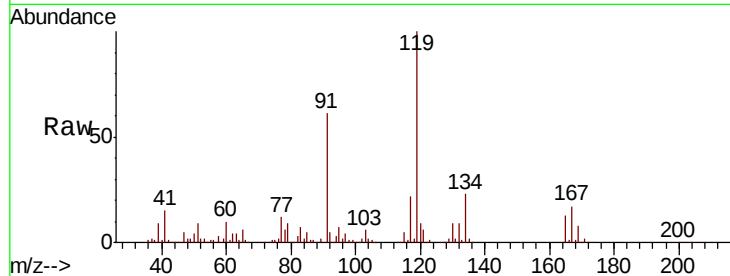




#61
 Pentachloroethane
 Concen: 9.811 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

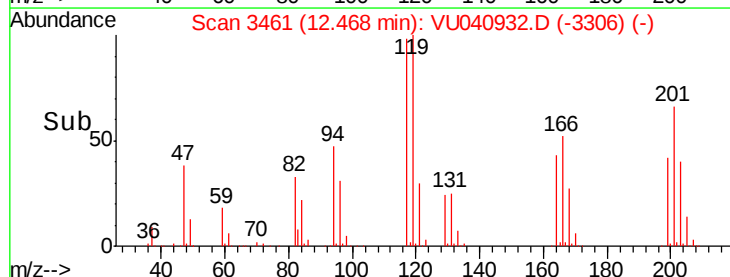
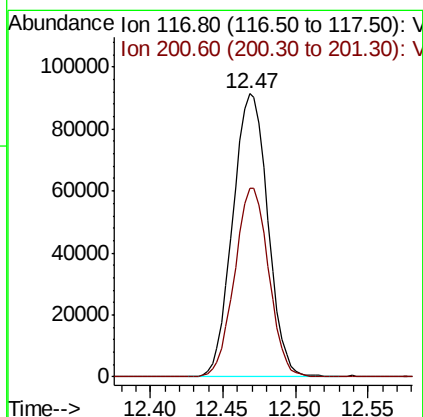
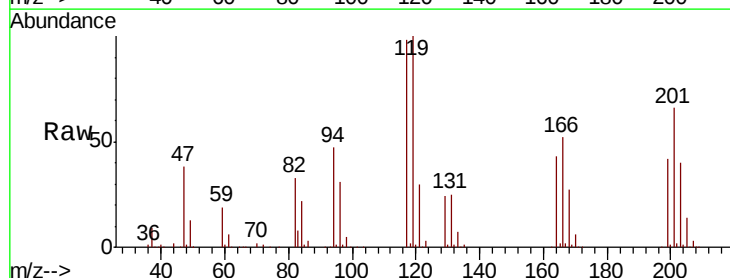
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

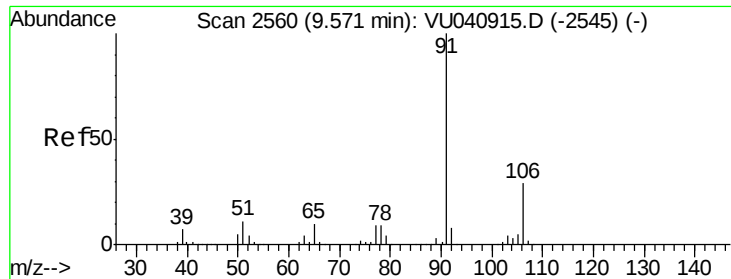
Tot Ion:117 Resp: 141035
 Ion Ratio Lower Upper
 117 100
 167 72.6 59.4 89.2



#62
 Hexachloroethane
 Concen: 10.523 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Tgt Ion:117 Resp: 153951
 Ion Ratio Lower Upper
 117 100
 201 65.0 52.6 78.8

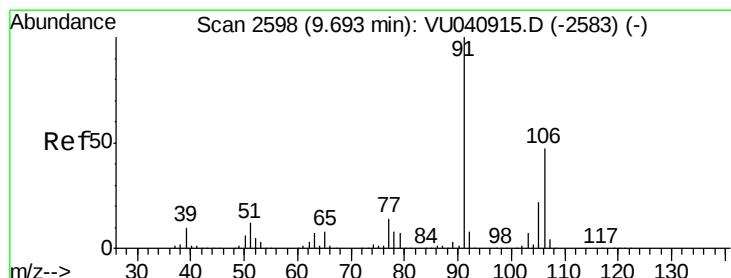
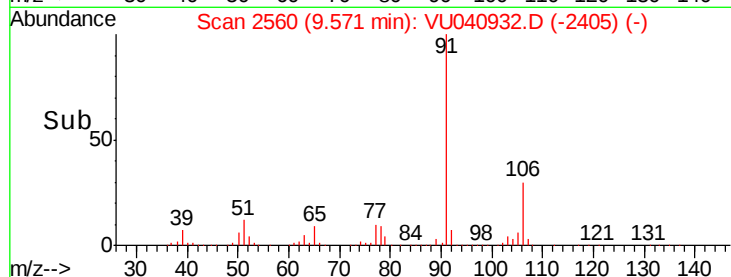
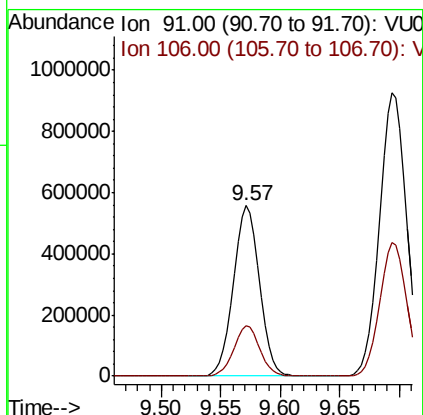
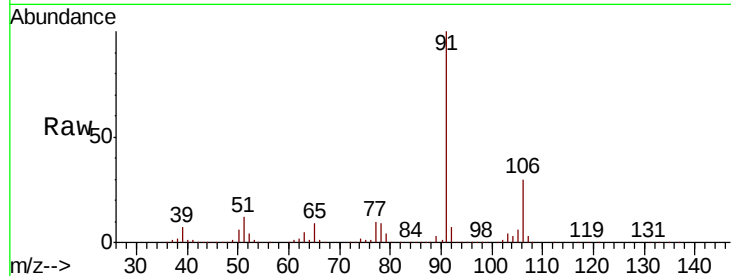




#63
Ethyl Benzene
Concen: 11.306 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

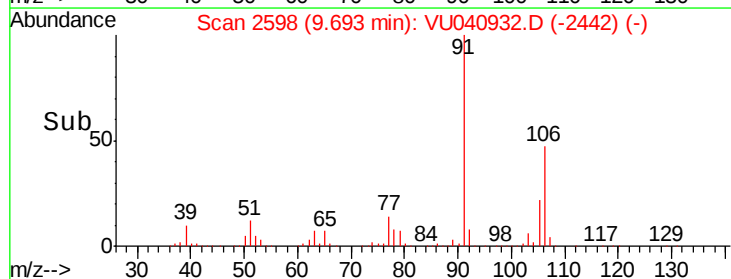
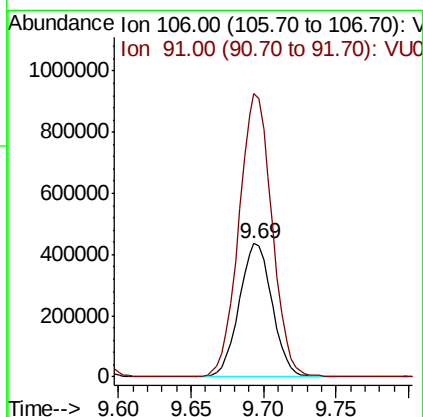
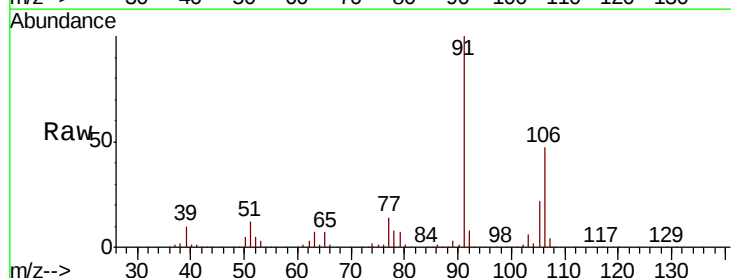
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

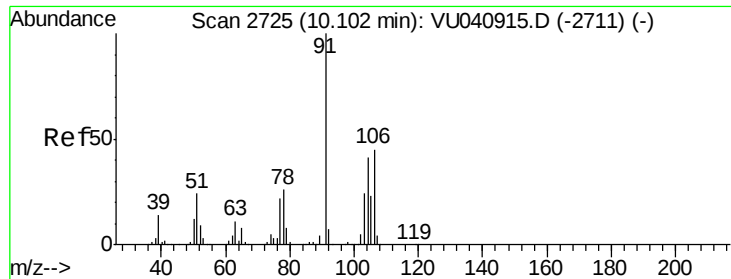
Tot Ion: 91 Resp: 848167
Ion Ratio Lower Upper
91 100
106 29.7 23.5 35.3



#64
m/p-Xylenes
Concen: 20.671 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

Tgt Ion: 106 Resp: 687142
Ion Ratio Lower Upper
106 100
91 213.3 168.3 252.5

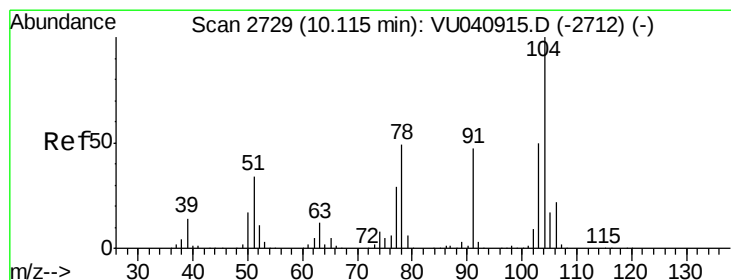
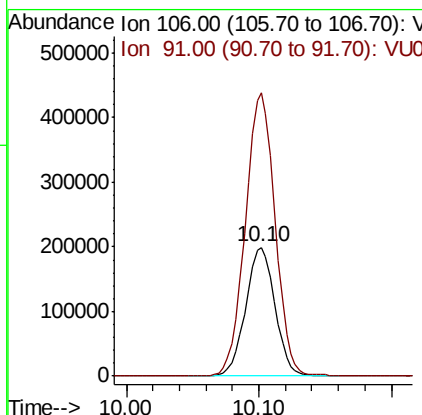
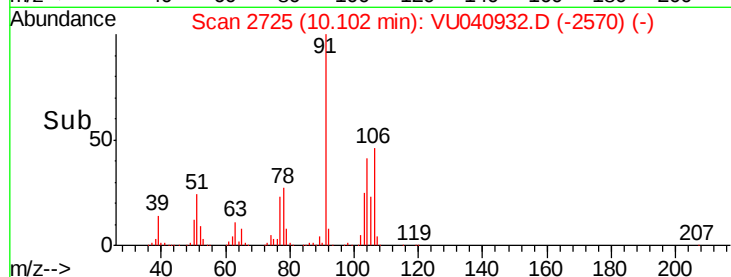
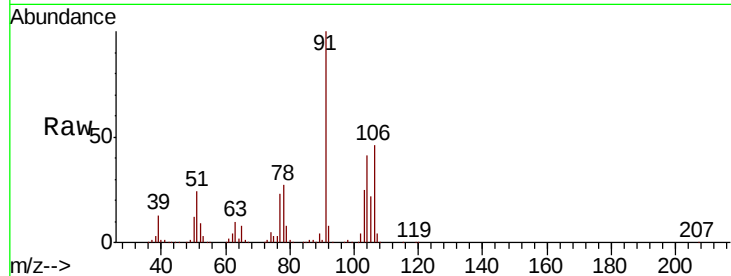




#65
o-Xylene
Concen: 11.604 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

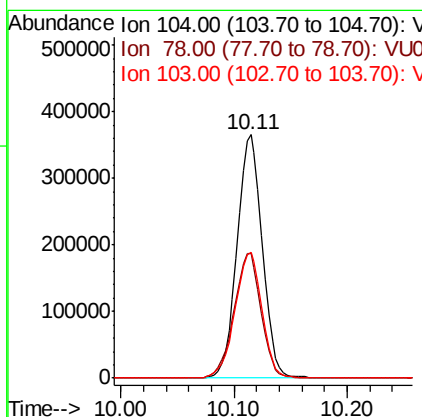
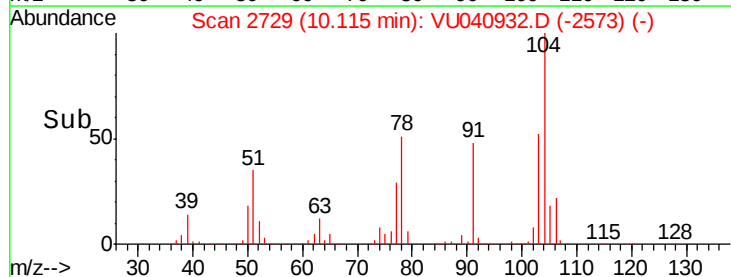
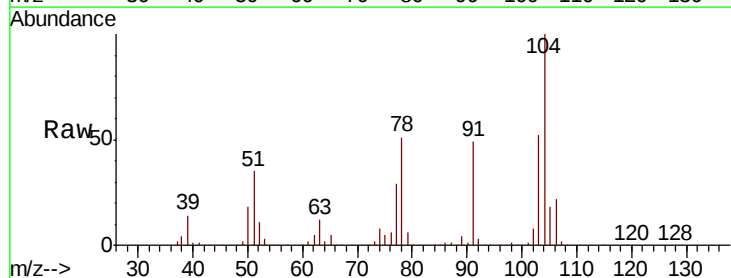
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

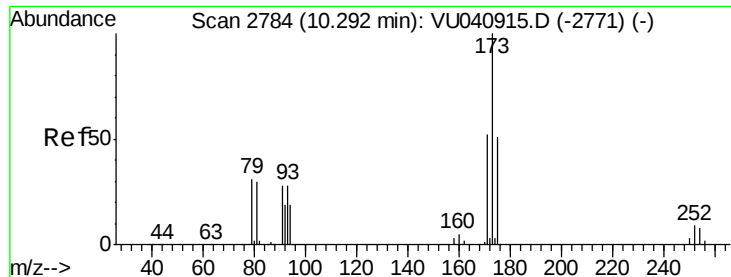
Tot Ion:106 Resp: 305700
Ion Ratio Lower Upper
106 100
91 223.3 111.3 333.9



#66
Styrene
Concen: 10.358 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040932.D
Acq: 23 Oct 2020 13:01

Tgt Ion:104 Resp: 569099
Ion Ratio Lower Upper
104 100
78 55.0 43.4 65.0
103 55.0 43.1 64.7





#67

Bromoform

Concen: 10.057 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

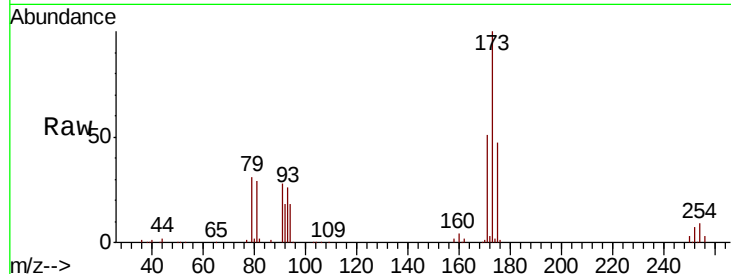
Tot Ion:173 Resp: 102079

Ion Ratio Lower Upper

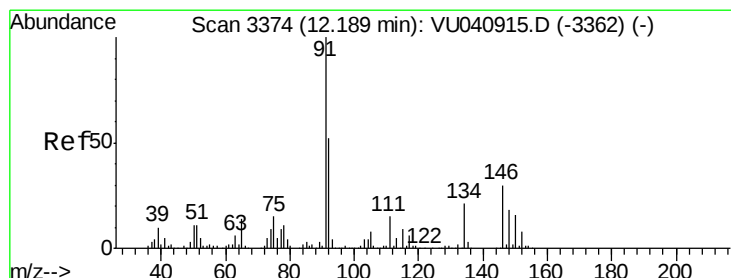
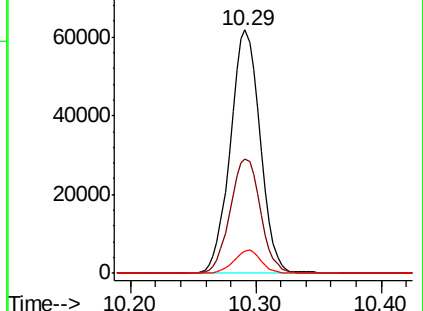
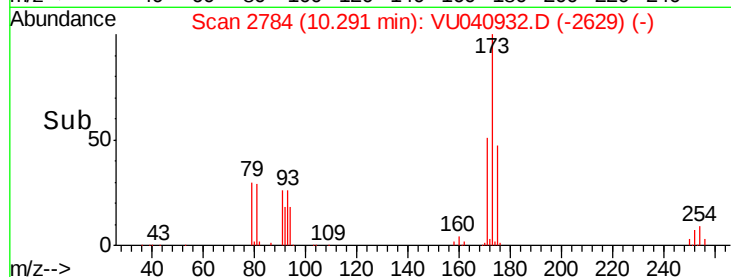
173 100

175 47.8 39.0 58.4

254 8.7 6.6 9.8



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.046 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

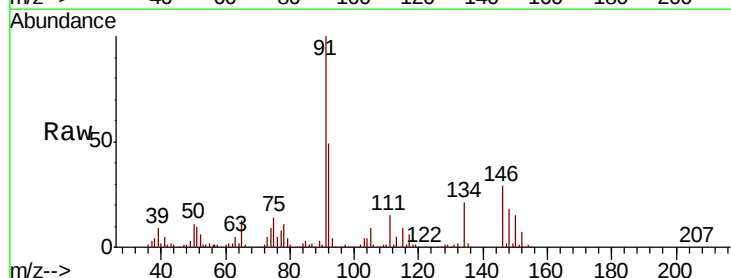
Tgt Ion:152 Resp: 24185

Ion Ratio Lower Upper

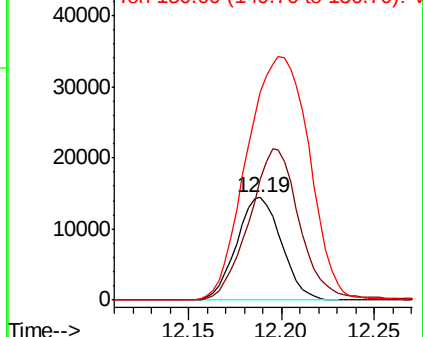
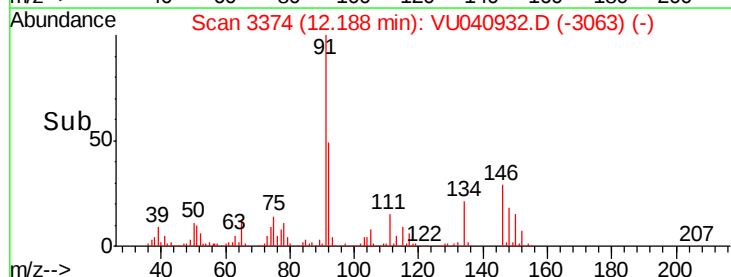
152 100

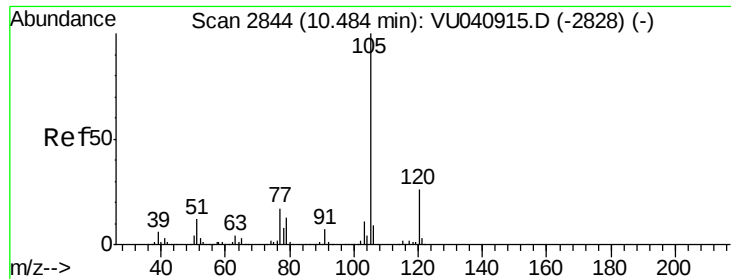
115 165.9 0.0 323.4

150 331.4 0.0 653.8



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 11.449 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

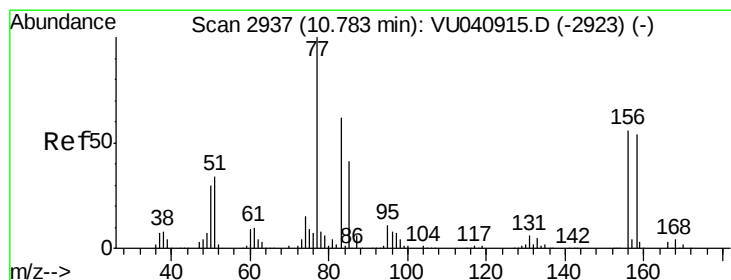
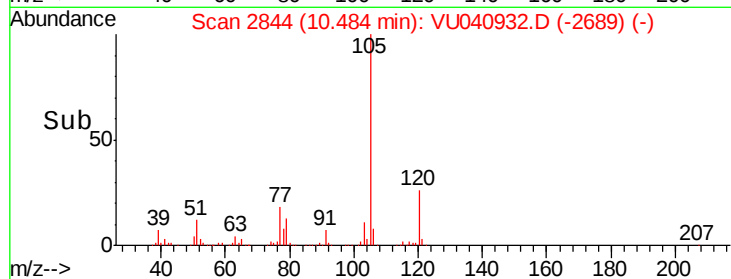
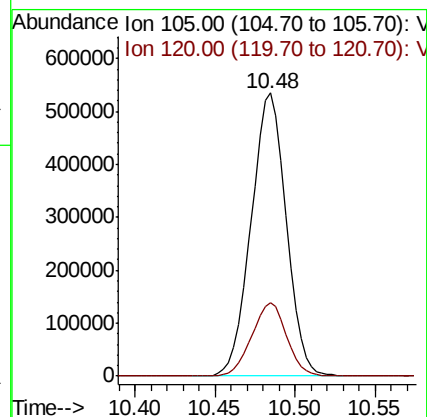
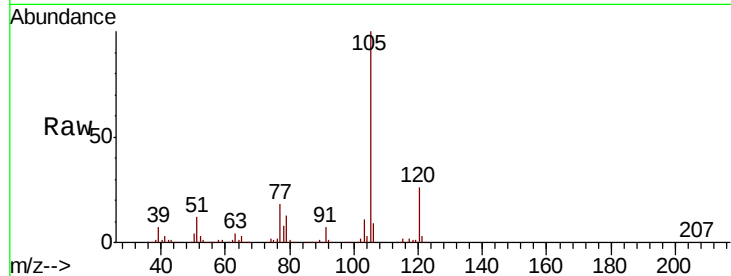
VSTDCCC010EC

Tot Ion:105 Resp: 804385

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 10.105 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

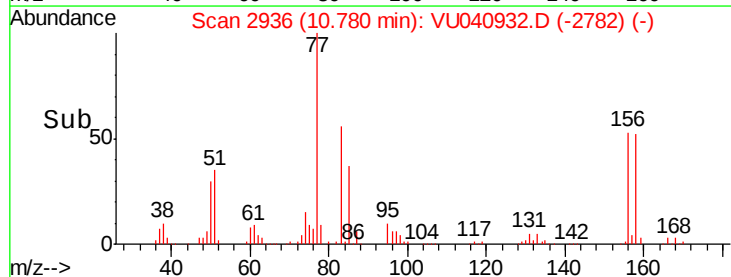
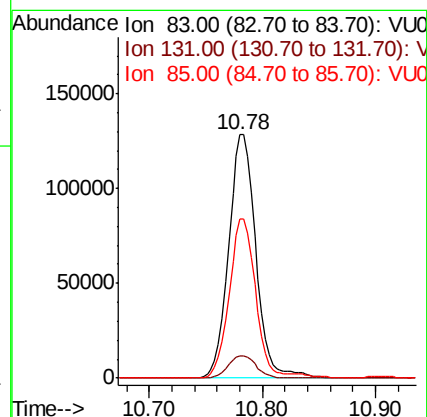
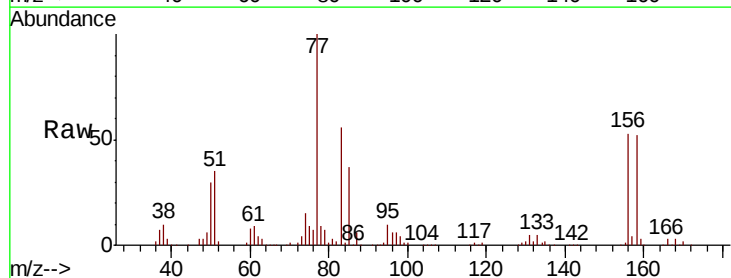
Tgt Ion: 83 Resp: 215024

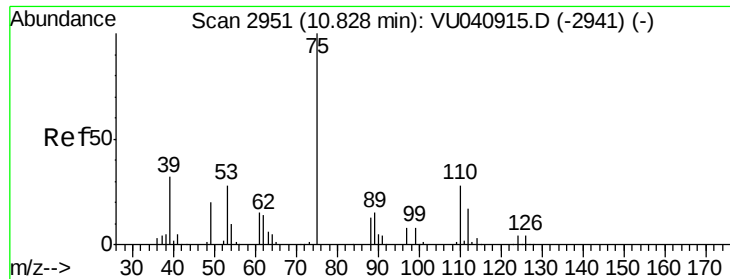
Ion Ratio Lower Upper

83 100

131 9.4 7.1 10.7

85 64.6 51.8 77.6

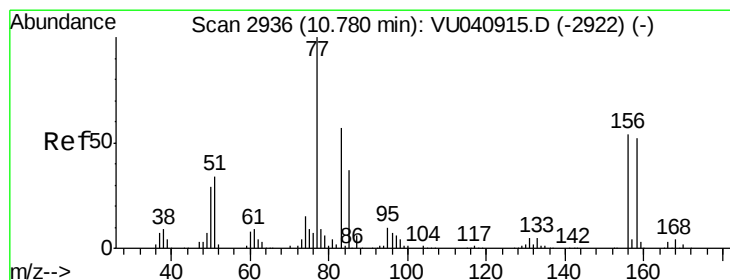
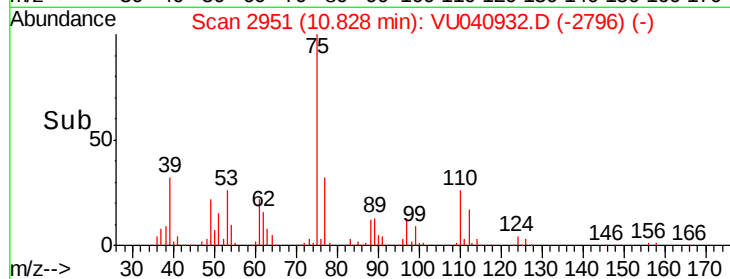
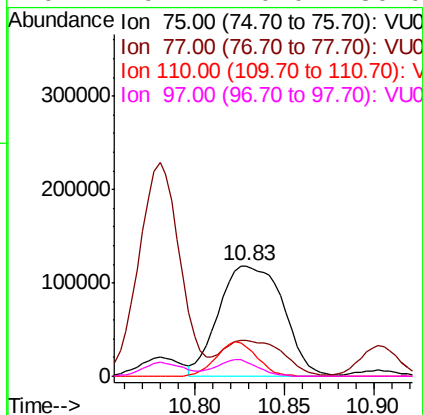
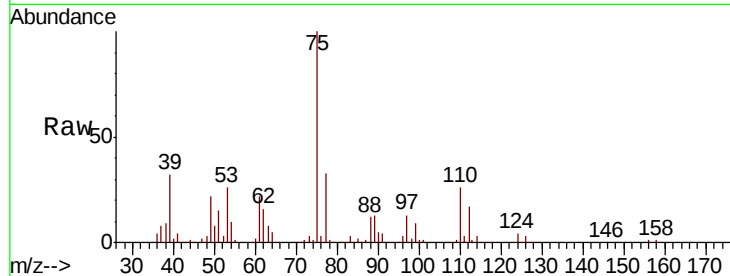




#71
 1,2,3-Trichloropropane
 Concen: 18.387 ug/l
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

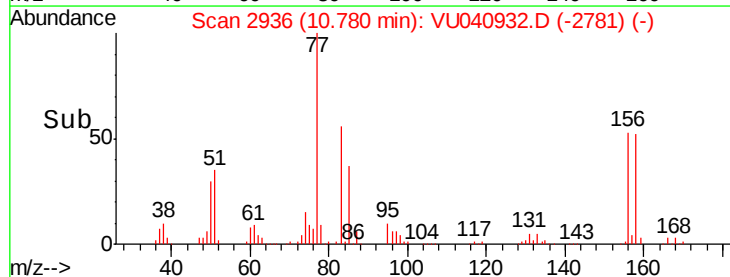
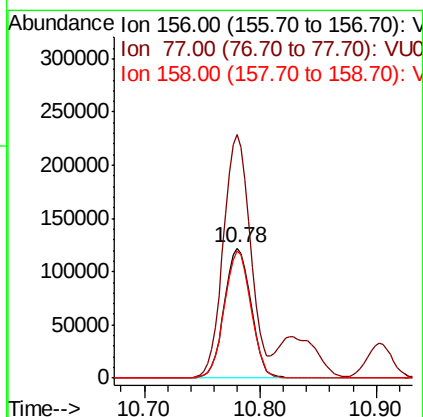
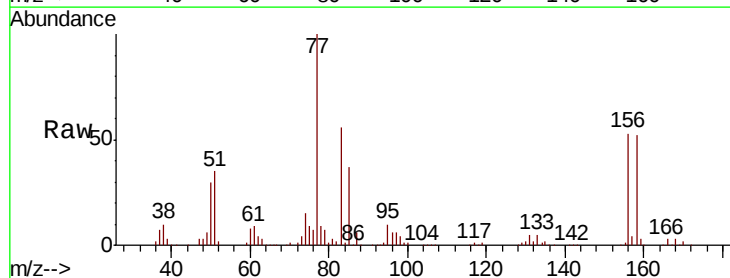
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

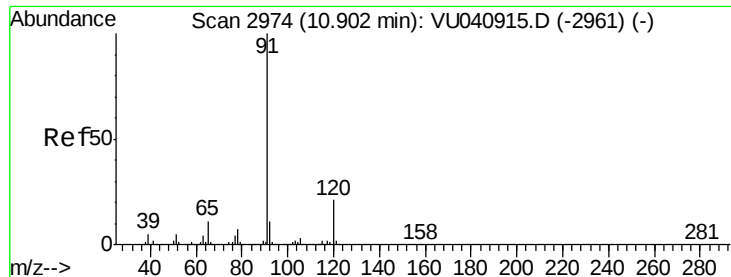
Tot Ion:	75	Resp:	298289
Ion	Ratio	Lower	Upper
75	100		
77	29.7	0.0	110.8
110	19.7	0.0	73.4
97	9.4	0.0	36.0



#72
 Bromobenzene
 Concen: 10.628 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Tgt Ion:	156	Resp:	194681
Ion	Ratio	Lower	Upper
156	100		
77	190.3	0.0	370.2
158	97.2	0.0	193.2





#73

n-propylbenzene

Concen: 10.254 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. 0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

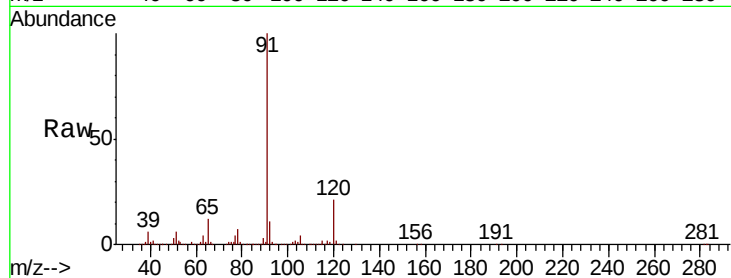
VSTDCCC010EC

Tot Ion:120 Resp: 239221

Ion Ratio Lower Upper

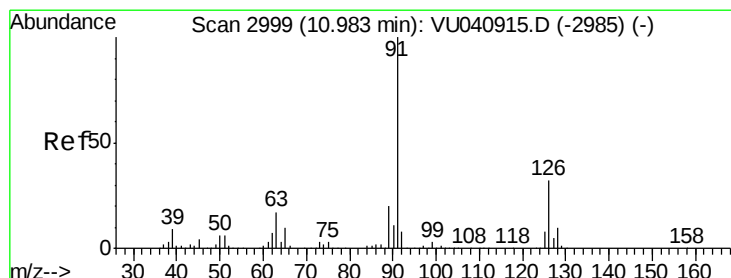
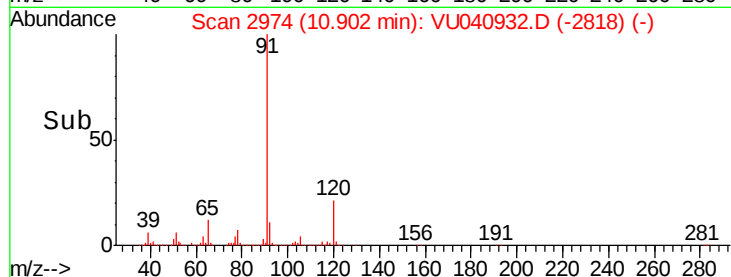
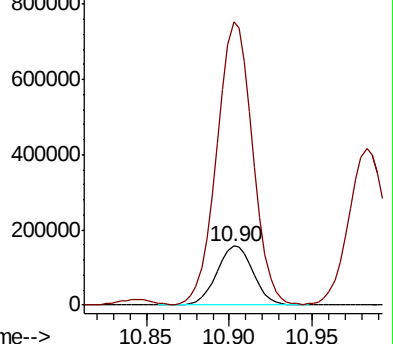
120 100

91 471.6 370.8 556.2



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 11.140 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU040932.D

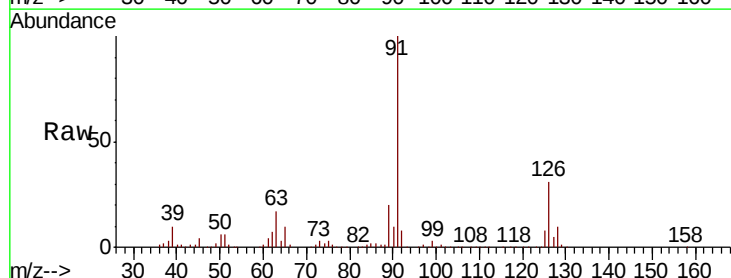
Acq: 23 Oct 2020 13:01

Tgt Ion:126 Resp: 203088

Ion Ratio Lower Upper

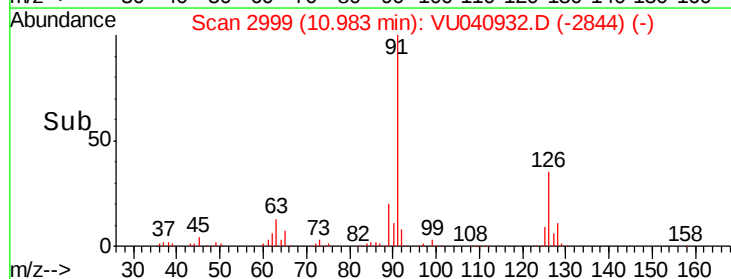
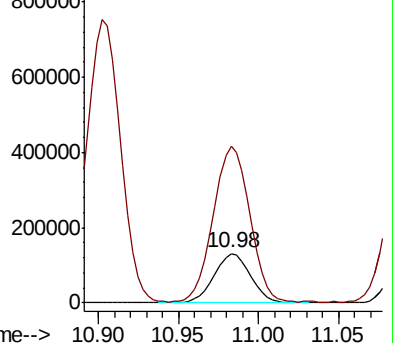
126 100

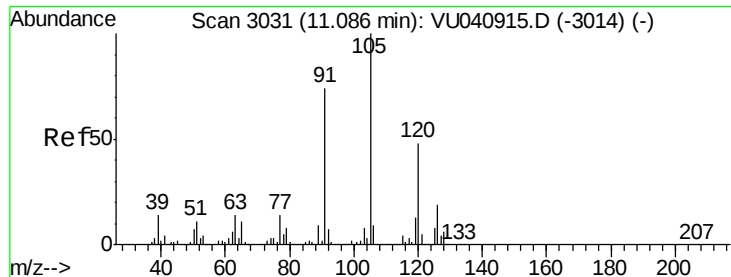
91 315.4 0.0 633.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 10.357 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

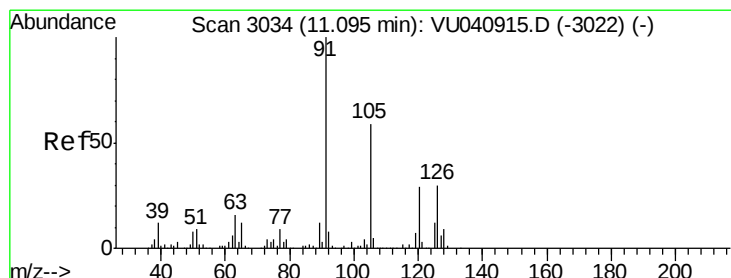
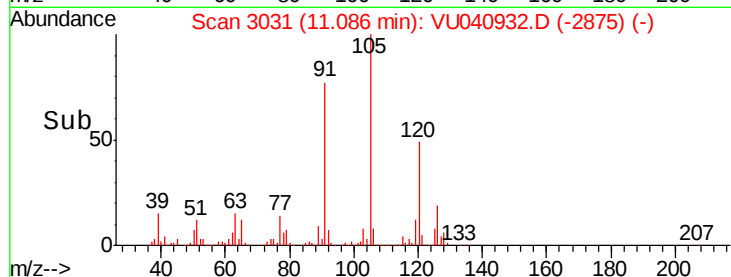
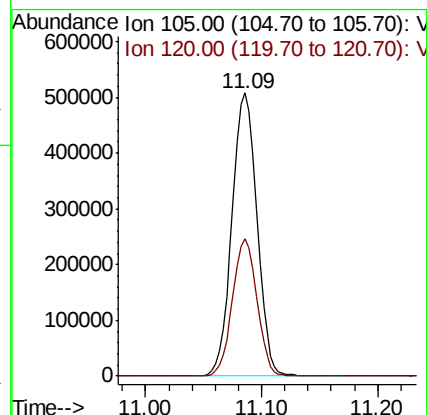
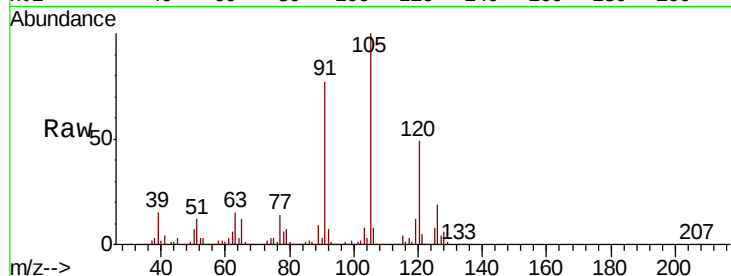
VSTDCCC010EC

Tot Ion:105 Resp: 758094

Ion Ratio Lower Upper

105 100

120 47.4 38.7 58.1



#76

4-Chlorotoluene

Concen: 11.712 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040932.D

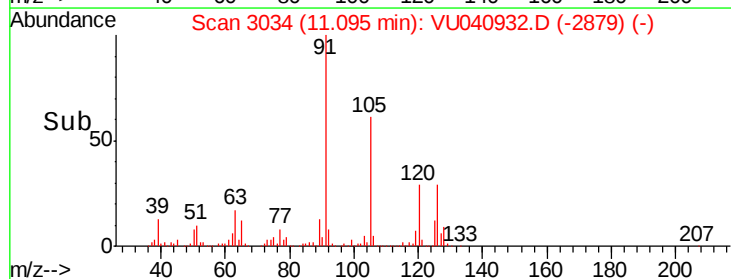
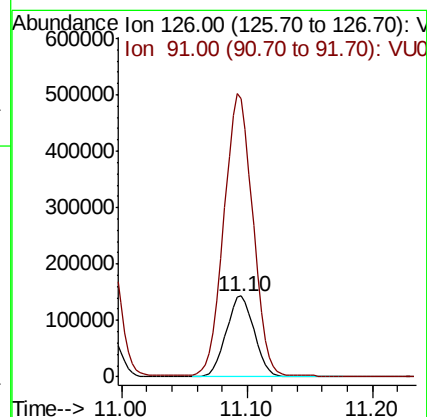
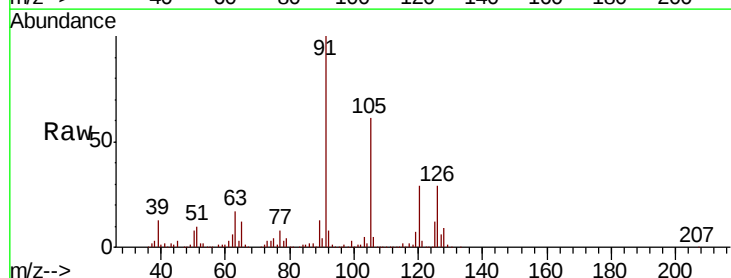
Acq: 23 Oct 2020 13:01

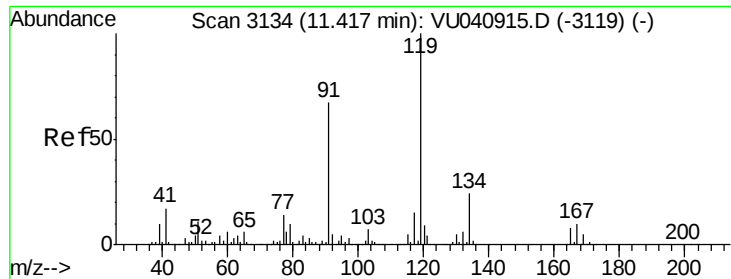
Tgt Ion:126 Resp: 221290

Ion Ratio Lower Upper

126 100

91 362.3 0.0 730.4





#77

tert-Butylbenzene

Concen: 11.322 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

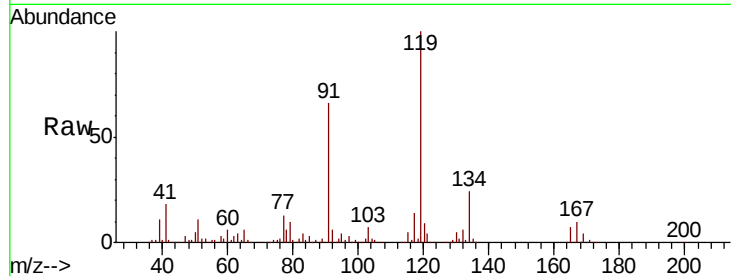
Tot Ion:119 Resp: 672360

Ion Ratio Lower Upper

119 100

91 63.3 32.0 96.2

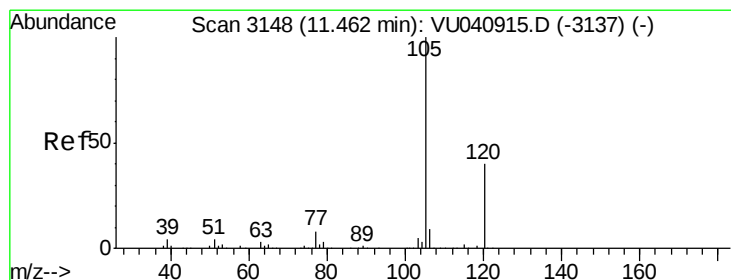
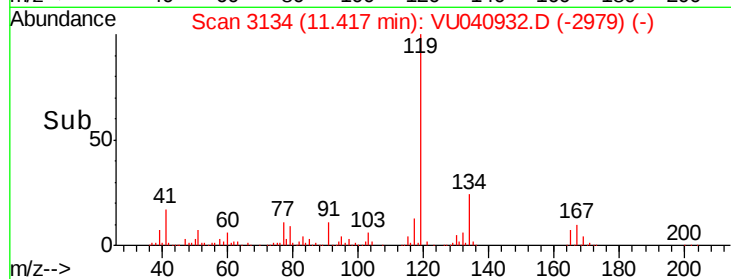
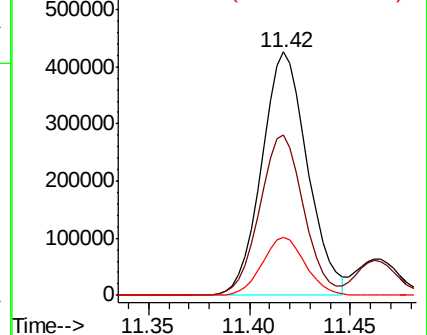
134 22.9 18.4 27.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 10.392 ug/l

RT: 11.46 min Scan# 3148

Delta R.T. 0.00 min

Lab File: VU040932.D

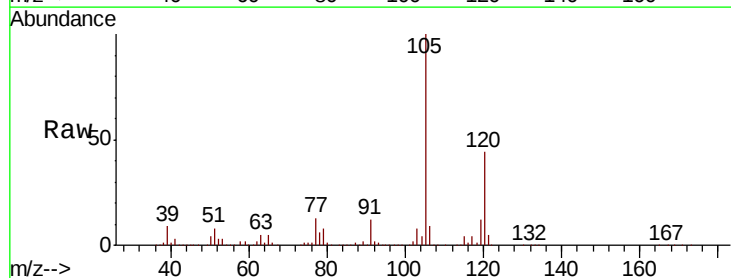
Acq: 23 Oct 2020 13:01

Tgt Ion:105 Resp: 788849

Ion Ratio Lower Upper

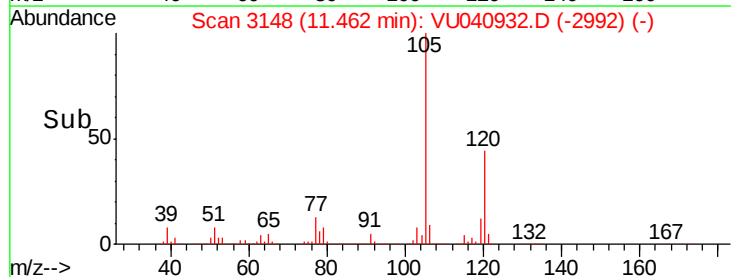
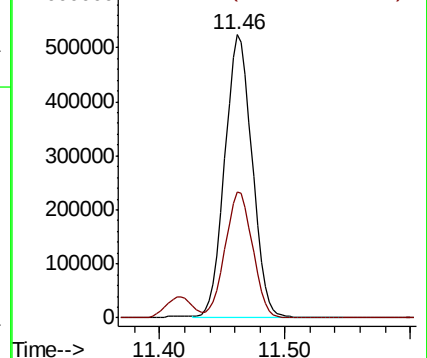
105 100

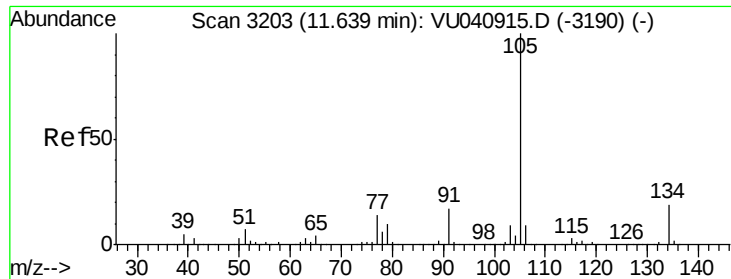
120 44.7 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

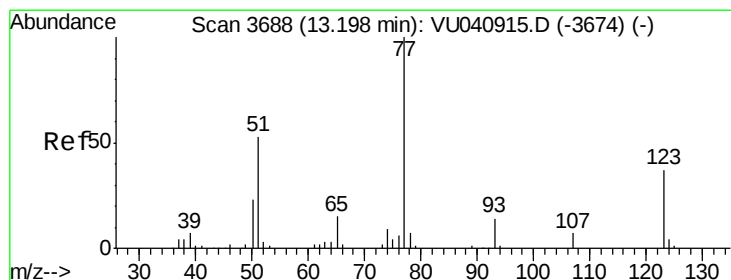
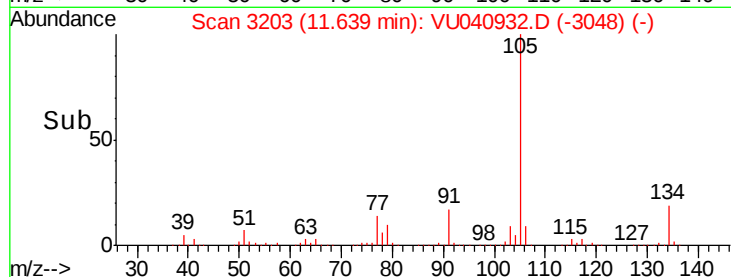
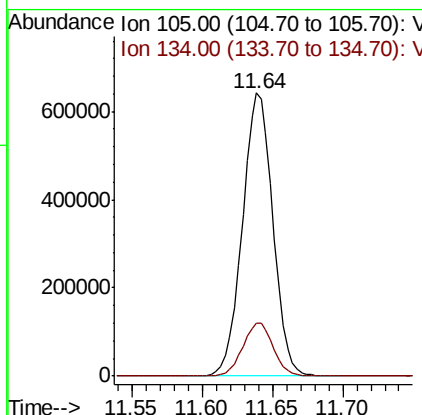
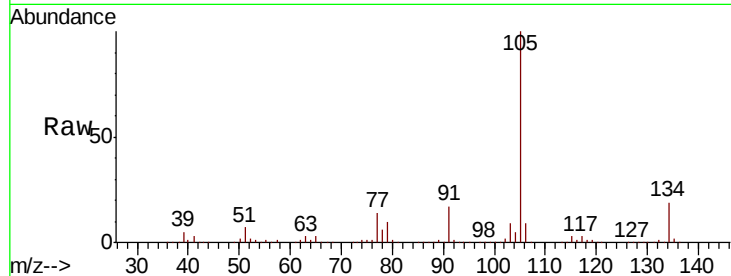




#79
 sec-Butylbenzene
 Concen: 11.757 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

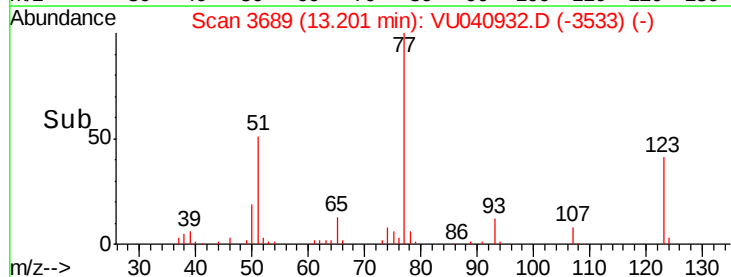
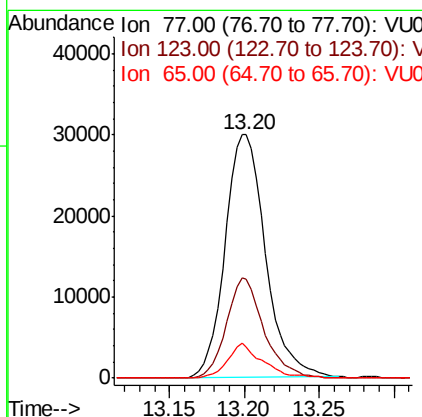
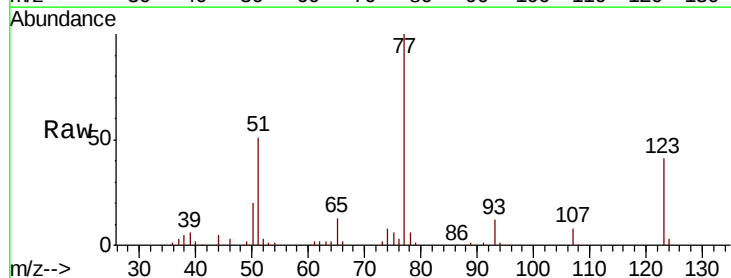
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

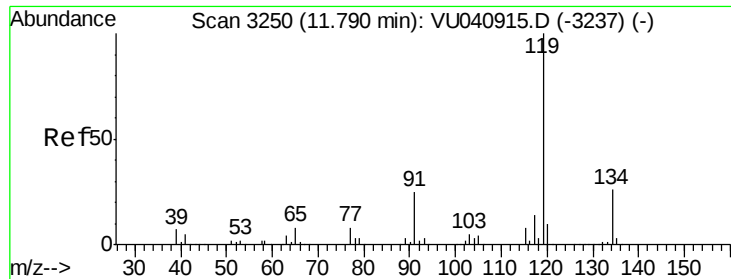
Tot Ion:105 Resp: 969327
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.4 23.0



#80
 Nitrobenzene
 Concen: 55.948 ug/l
 RT: 13.20 min Scan# 3689
 Delta R.T. 0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Tgt Ion: 77 Resp: 56310
 Ion Ratio Lower Upper
 77 100
 123 38.0 16.8 59.4
 65 12.5 11.0 14.0

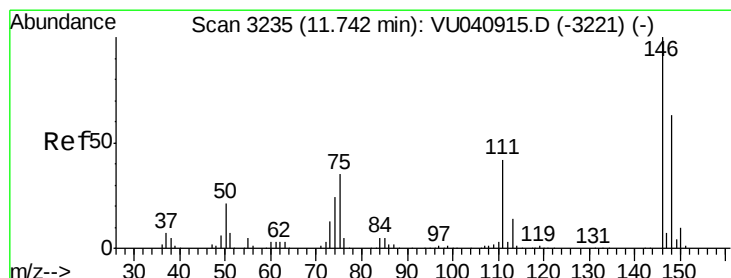
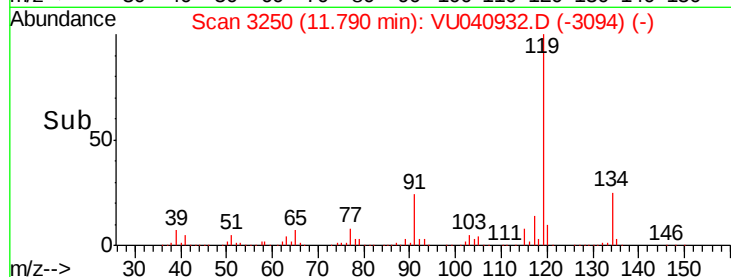
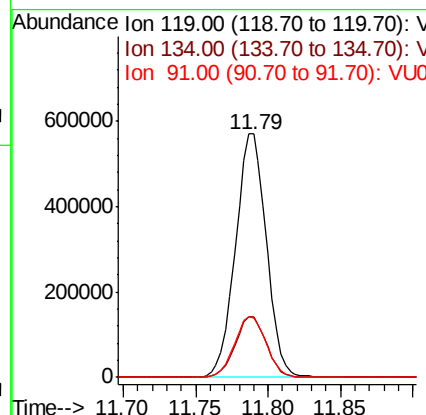
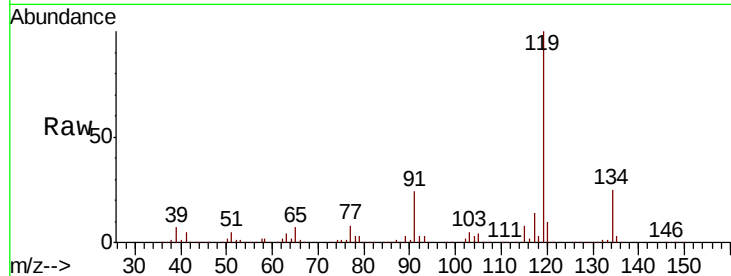




#81
 p-Isopropyltoluene
 Concen: 10.438 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

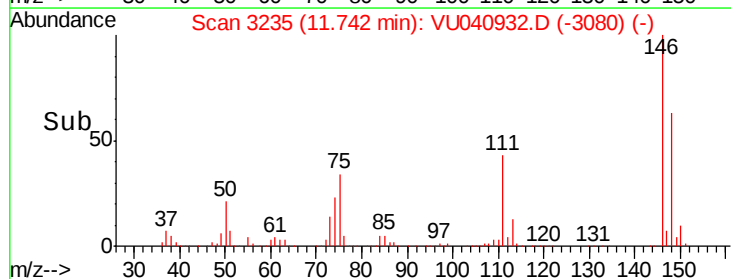
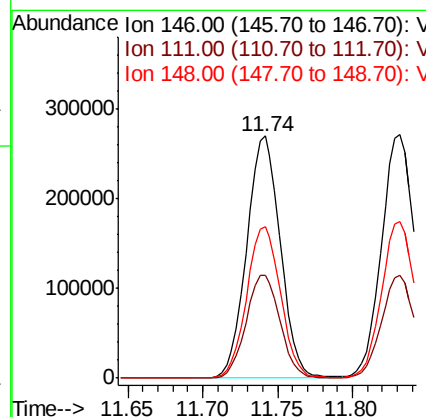
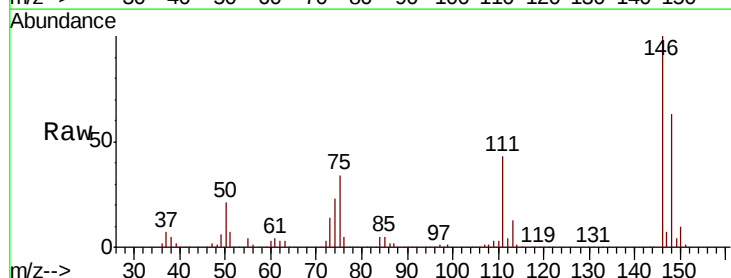
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

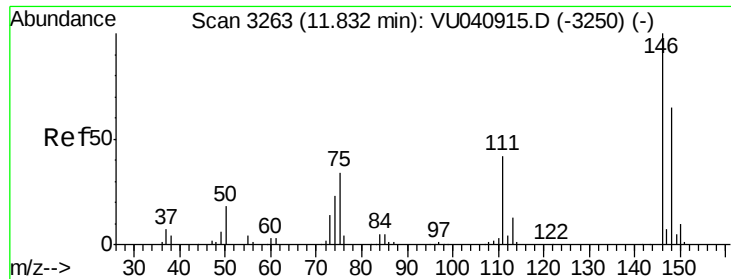
Tot Ion:119 Resp: 837051
 Ion Ratio Lower Upper
 119 100
 134 24.9 20.4 30.6
 91 25.4 20.4 30.6



#82
 1,3-Dichlorobenzene
 Concen: 10.566 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Tgt Ion:146 Resp: 422173
 Ion Ratio Lower Upper
 146 100
 111 43.0 33.6 50.4
 148 63.3 50.1 75.1

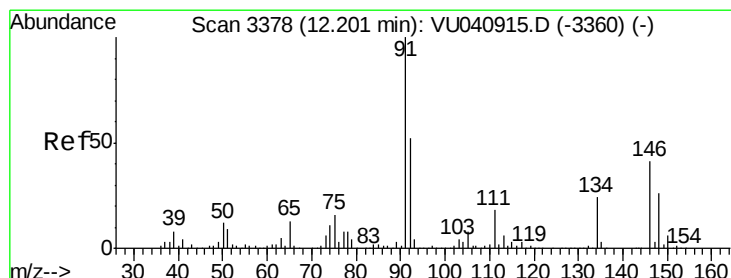
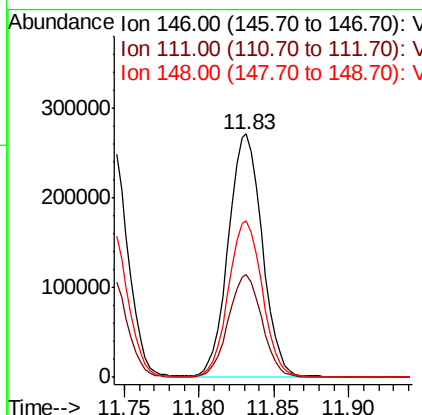
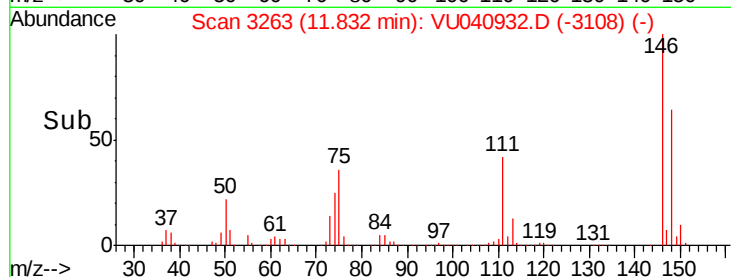
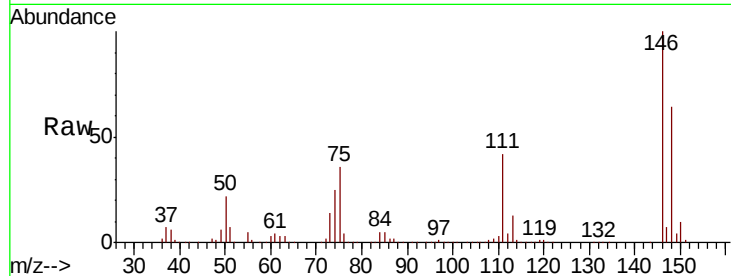




#83
 1,4-Dichlorobenzene
 Concen: 10.583 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

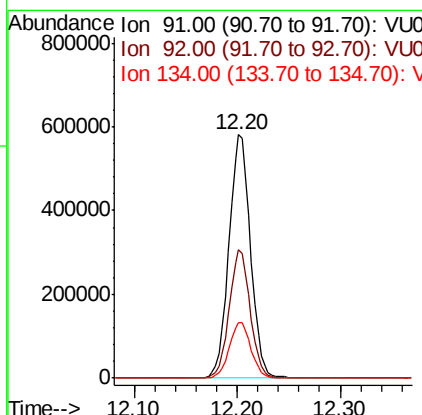
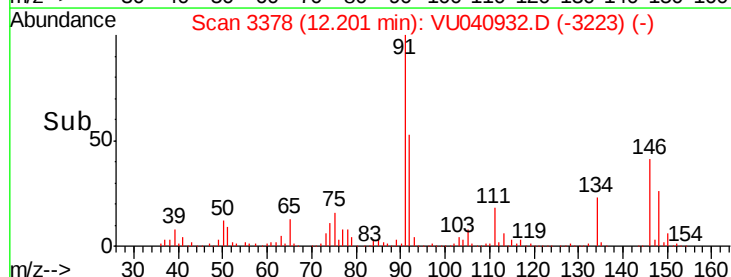
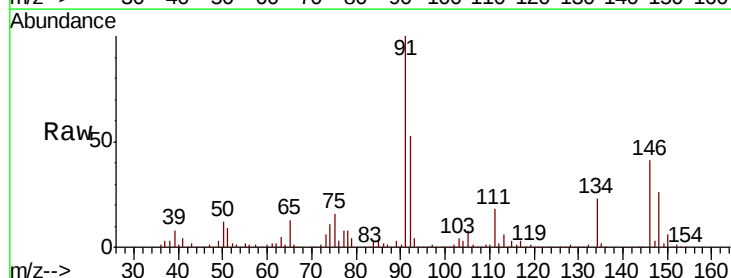
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

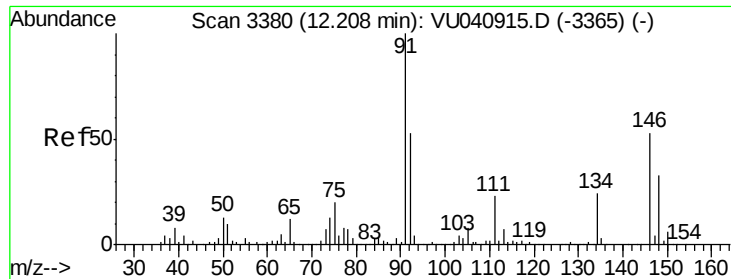
Tot Ion:146 Resp: 427635
 Ion Ratio Lower Upper
 146 100
 111 41.8 33.7 50.5
 148 64.1 50.6 75.8



#84
 n-Butylbenzene
 Concen: 12.277 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Tgt Ion: 91 Resp: 847264
 Ion Ratio Lower Upper
 91 100
 92 51.0 41.7 62.5
 134 22.8 18.6 28.0

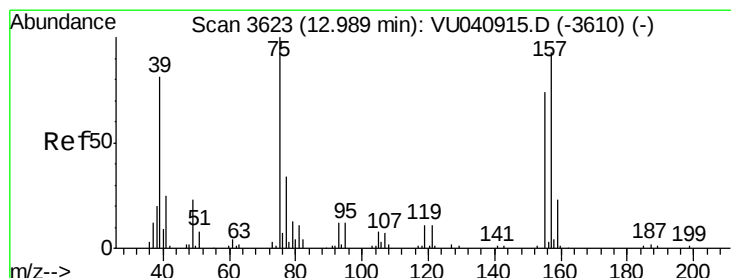
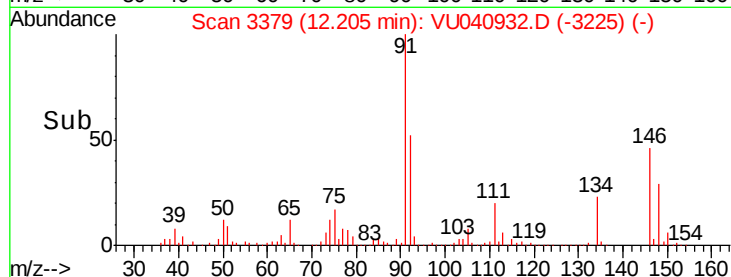
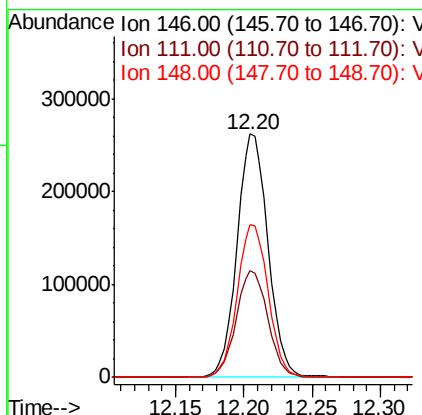
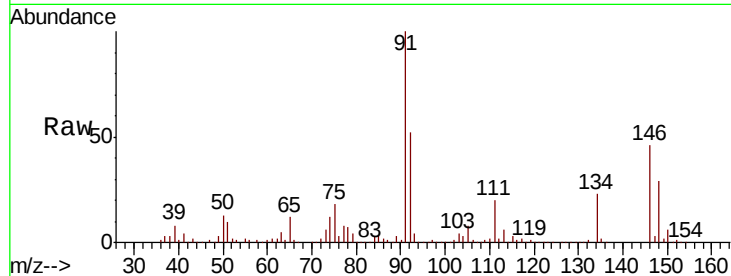




#85
 1,2-Dichlorobenzene
 Concen: 10.806 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

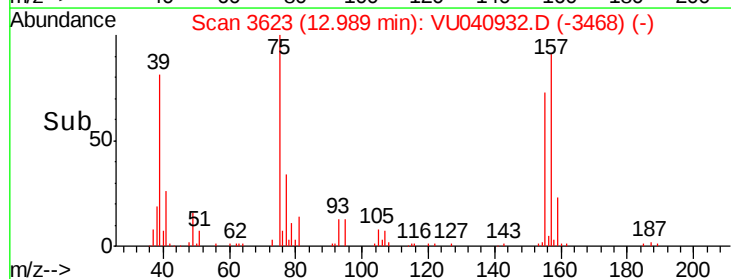
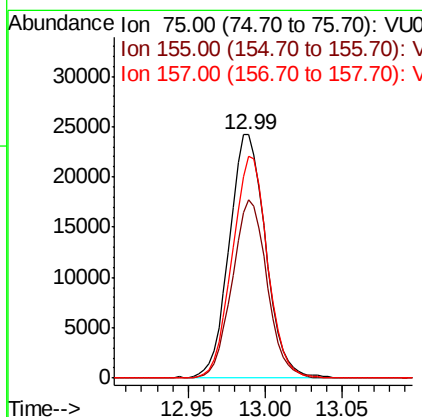
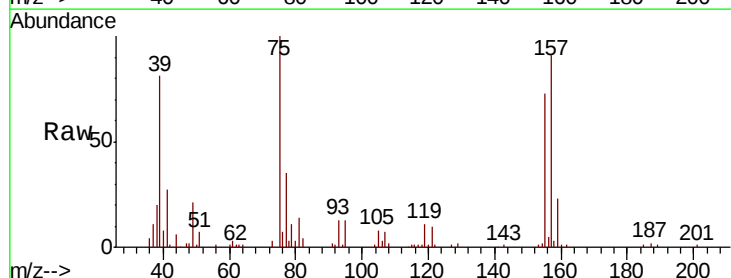
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

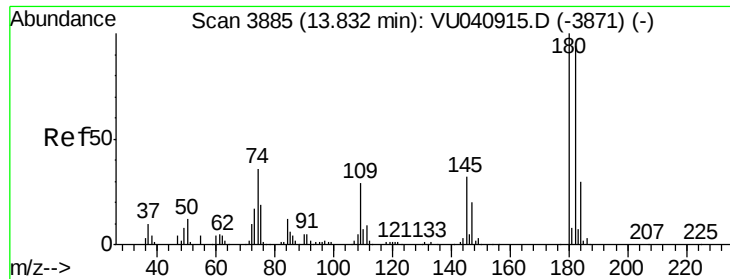
Tot Ion:146 Resp: 413042
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.3 66.9
 148 62.7 31.5 94.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.958 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Tgt Ion: 75 Resp: 39562
 Ion Ratio Lower Upper
 75 100
 155 70.0 57.1 85.7
 157 88.0 72.4 108.6

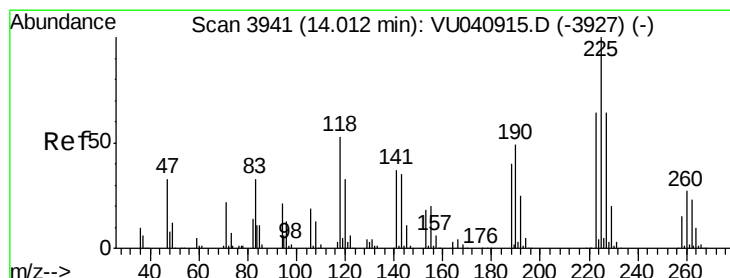
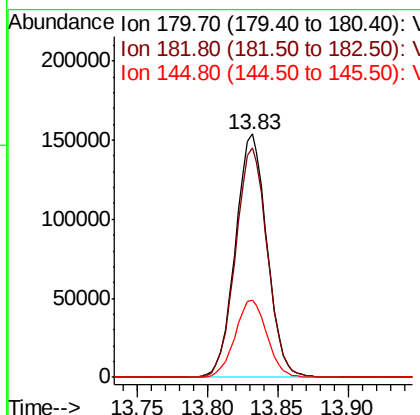
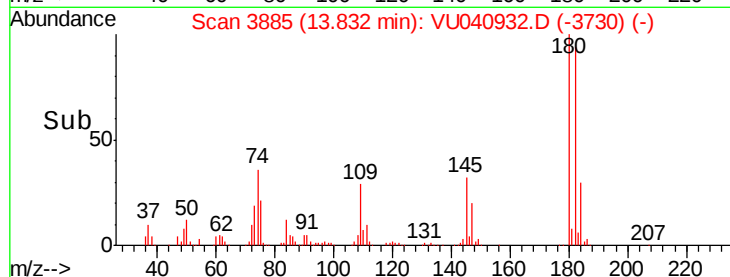
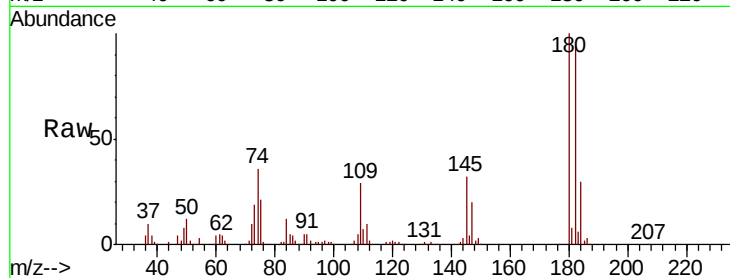




#87
 1,2,4-Trichlorobenzene
 Concen: 10.775 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

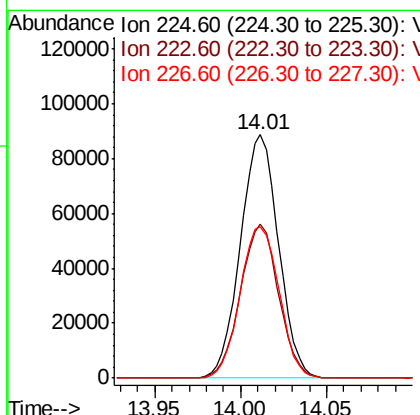
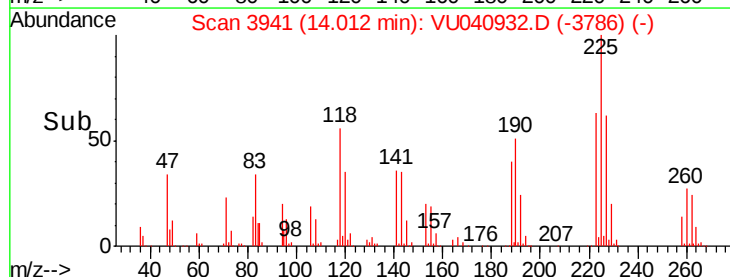
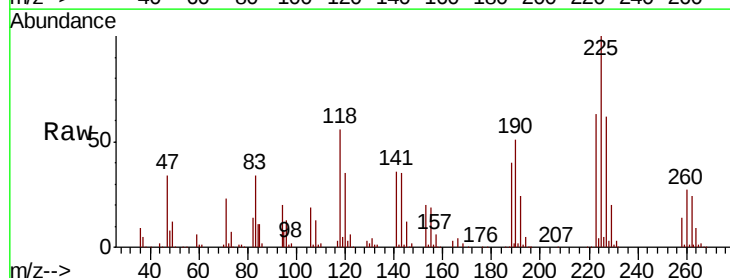
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

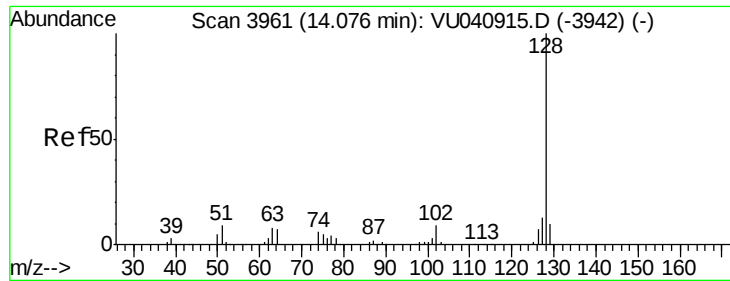
Tot Ion:180 Resp: 241386
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.4 113.2
 145 32.0 25.4 38.0



#88
 Hexachlorobutadiene
 Concen: 10.833 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040932.D
 Acq: 23 Oct 2020 13:01

Tgt Ion:225 Resp: 136252
 Ion Ratio Lower Upper
 225 100
 223 63.6 49.9 74.9
 227 63.7 51.1 76.7





#89

Naphthalene

Concen: 9.229 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

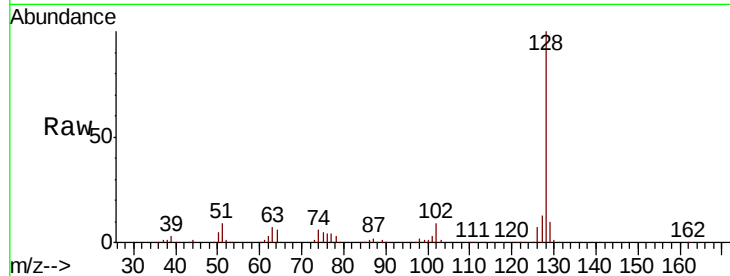
Tot Ion:128 Resp: 517718

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

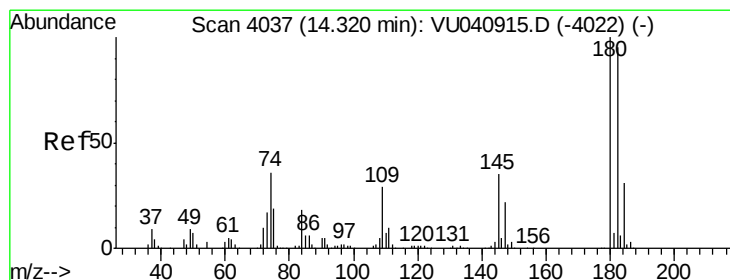
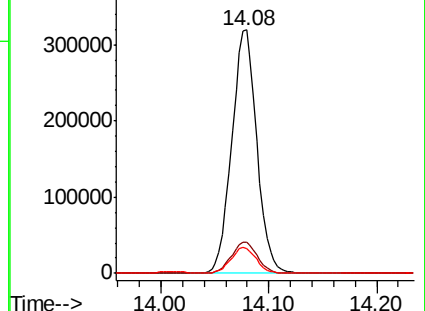
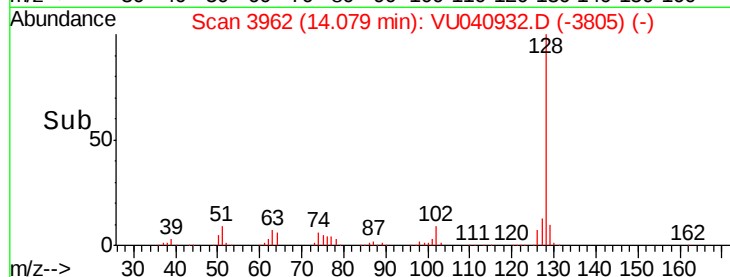
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 11.637 ug/l

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU040932.D

Acq: 23 Oct 2020 13:01

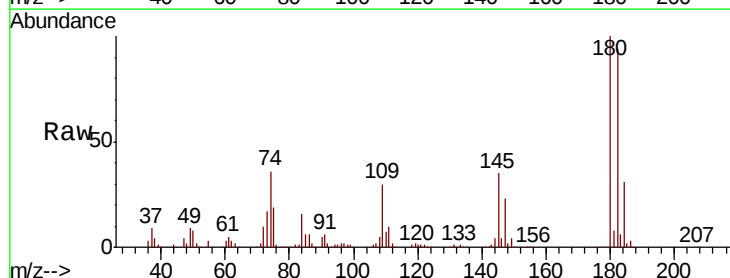
Tgt Ion:180 Resp: 253660

Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

145 35.1 28.0 42.0



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

