

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082719\
 Data File : VU033957.D
 Acq On : 26 Aug 2019 18:14
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 27 06:03:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 27 05:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.95	168	432183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	706569	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	690479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	376615	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.28	65	614039	95.15	ug/l	0.00
Spiked Amount			Recovery	=	190.30%	
35) Dibromofluoromethane	4.86	113	472758	105.92	ug/l	0.00
Spiked Amount			Recovery	=	211.84%	
50) Toluene-d8	7.54	98	1817314	103.60	ug/l	0.00
Spiked Amount			Recovery	=	207.20%	
62) 4-Bromofluorobenzene	10.29	95	707327	107.85	ug/l	0.00
Spiked Amount			Recovery	=	215.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	507818	89.308	ug/l	99
3) Chloromethane	1.32	50	575195	57.622	ug/l	99
4) Vinyl Chloride	1.39	62	648288	86.085	ug/l	99
5) Bromomethane	1.59	94	270627	85.740	ug/l	98
6) Chloroethane	1.67	64	388442	90.288	ug/l	99
7) Trichlorofluoromethane	1.86	101	748979	92.756	ug/l	100
8) Diethyl Ether	2.09	74	326537	87.526	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.26	101	439962	91.565	ug/l	99
10) Methyl Iodide	2.39	142	722415	164.672	ug/l	99
11) Tert butyl alcohol	2.81	59	679587	472.478	ug/l	100
12) 1,1-Dichloroethene	2.26	96	449860	93.947	ug/l	97
13) Acrolein	2.18	56	386059	353.494	ug/l	99
14) Allyl chloride	2.57	41	795277	72.905	ug/l	99
15) Acrylonitrile	2.91	53	1716953	431.513	ug/l	99
16) Acetone	2.30	43	1600070	380.884	ug/l	98
17) Carbon Disulfide	2.45	76	1468043	85.877	ug/l	99
18) Methyl Acetate	2.59	43	786973	74.090	ug/l	100
19) Methyl tert-butyl Ether	2.97	73	1545208	86.539	ug/l	100
20) Methylene Chloride	2.68	84	528623	83.927	ug/l	99
21) trans-1,2-Dichloroethene	2.96	96	495516	91.813	ug/l	99
22) Diisopropyl ether	3.54	45	1696205	79.647	ug/l	94
23) Vinyl Acetate	3.50	43	7708042	435.140	ug/l	99
24) 1,1-Dichloroethane	3.42	63	959725	84.591	ug/l	99
25) 2-Butanone	4.23	43	2434850	426.524	ug/l	100
26) 2,2-Dichloropropane	4.19	77	780136	86.363	ug/l	99
27) cis-1,2-Dichloroethene	4.19	96	556222	91.772	ug/l	100
28) Bromochloromethane	4.51	49	458619	89.227	ug/l	100
29) Tetrahydrofuran	4.61	42	1519798	416.414	ug/l	100
30) Chloroform	4.64	83	905165	90.499	ug/l	99
31) Cyclohexane	4.97	56	873533	66.130	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	772758	92.863	ug/l	99
36) 1,1-Dichloropropene	5.11	75	708631	92.482	ug/l	100
37) Ethyl Acetate	4.35	43	872437	89.422	ug/l	99
38) Carbon Tetrachloride	5.11	117	669454	105.094	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.39	83	855578	91.866	ug/l	100
40) Benzene	5.36	78	2084994	92.249	ug/l	100
41) Methacrylonitrile	4.51	41	473652	89.073	ug/l	99
42) 1,2-Dichloroethane	5.38	62	749139	93.922	ug/l	100
43) Isopropyl Acetate	5.52	43	1331384	86.852	ug/l	99
44) Trichloroethene	6.16	130	523093	101.780	ug/l	99
45) 1,2-Dichloropropane	6.41	63	571165	90.583	ug/l	100
46) Dibromomethane	6.54	93	374592	98.602	ug/l	97
47) Bromodichloromethane	6.73	83	744327	99.800	ug/l	99
48) Methyl methacrylate	6.60	41	655340	86.523	ug/l	99
49) 1,4-Dioxane	6.59	88	283352	2237.579	ug/l	100
51) 4-Methyl-2-Pentanone	7.44	43	4563480	465.698	ug/l	100
52) Toluene	7.61	92	1268617	95.019	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	875284	99.944	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	930474	97.810	ug/l	99
55) 1,1,2-Trichloroethane	8.04	97	521364	98.183	ug/l	99
56) Ethyl methacrylate	8.00	69	900228	101.005	ug/l	99
57) 1,3-Dichloropropane	8.22	76	946669	96.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	1718987	392.323	ug/l	100
59) 2-Hexanone	8.34	43	3590479	463.256	ug/l	99
60) Dibromochloromethane	8.46	129	576333	108.799	ug/l	100
61) 1,2-Dibromoethane	8.57	107	573102	102.569	ug/l	99
64) Tetrachloroethene	8.21	164	445354	95.963	ug/l	99
65) Chlorobenzene	9.10	112	1388917	95.026	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	515130	108.350	ug/l	100
67) Ethyl Benzene	9.23	91	2489012	93.284	ug/l	100
68) m/p-Xylenes	9.36	106	1876914	192.837	ug/l	99
69) o-Xylene	9.76	106	908611	96.319	ug/l	100
70) Styrene	9.77	104	1615150	102.238	ug/l	99
71) Bromoform	9.94	173	461199	114.059	ug/l #	98
73) Isopropylbenzene	10.15	105	2464498	87.128	ug/l	99
74) N-amyl acetate	10.00	43	1240136	78.380	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	941987	86.755	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	1118612	118.483	ug/l	86
77) Bromobenzene	10.43	156	617084	92.367	ug/l	100
78) n-propylbenzene	10.57	91	2967598	84.842	ug/l	100
79) 2-Chlorotoluene	10.64	91	1709959	84.851	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	2140941	91.168	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.48	75	1118563	271.856	ug/l #	100
82) 4-Chlorotoluene	10.75	91	2045200	85.391	ug/l	100
83) tert-Butylbenzene	11.08	119	2061111	91.275	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	2164843	89.646	ug/l	100
85) sec-Butylbenzene	11.31	105	2569870	89.071	ug/l	100
86) p-Isopropyltoluene	11.46	119	2358777	94.944	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	1156428	91.575	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	1137014	87.201	ug/l	100
89) n-Butylbenzene	11.87	91	2246572	90.470	ug/l	99
90) Hexachloroethane	12.13	117	425548	110.469	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	1129259	89.732	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	220712	93.950	ug/l	96

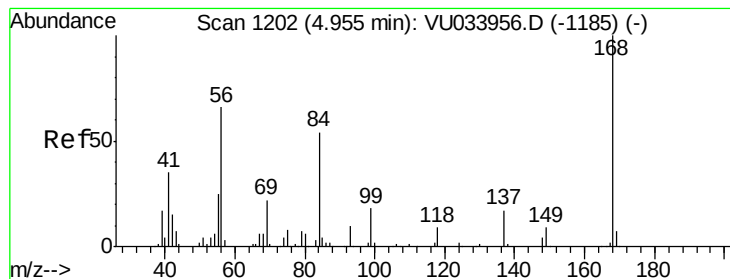
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	810281	90.049	ug/l	100
94) Hexachlorobutadiene	13.67	225	416731	98.876	ug/l	99
95) Naphthalene	13.73	128	2458344	83.365	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	792323	87.831	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

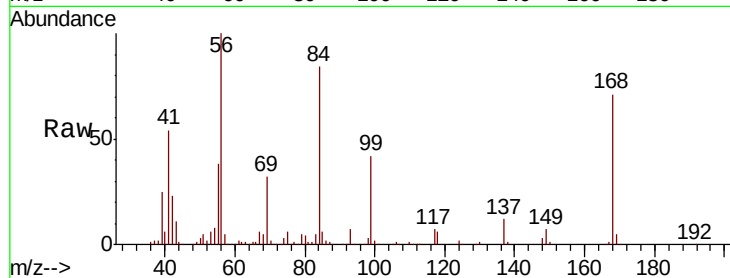
VSTDIC100

Tot Ion:168 Resp: 432183

Ion Ratio Lower Upper

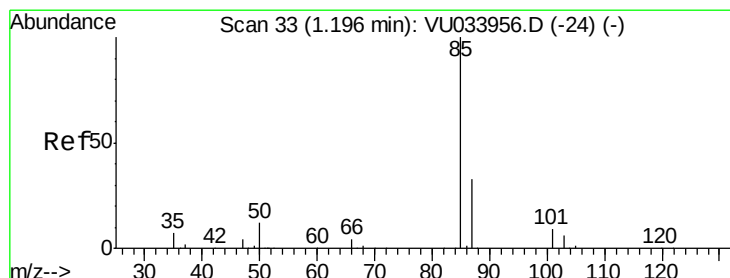
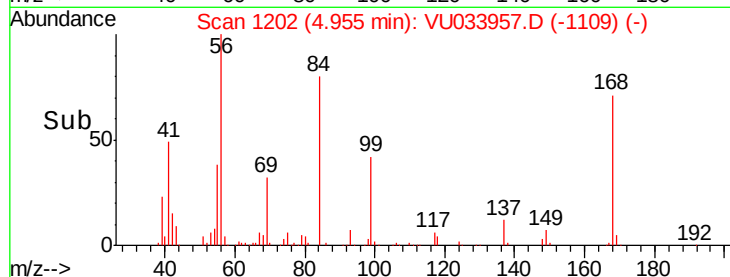
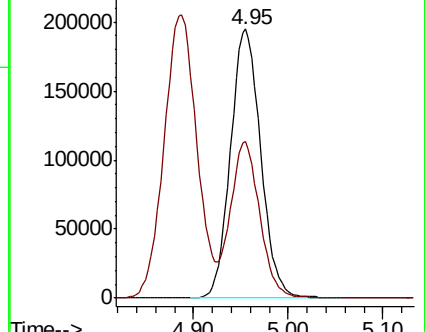
168 100

99 58.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VU033956.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU033956.D (-1185) (-)



#2

Dichlorodifluoromethane

Concen: 89.308 ug/l

RT: 1.19 min Scan# 32

Delta R.T. -0.00 min

Lab File: VU033957.D

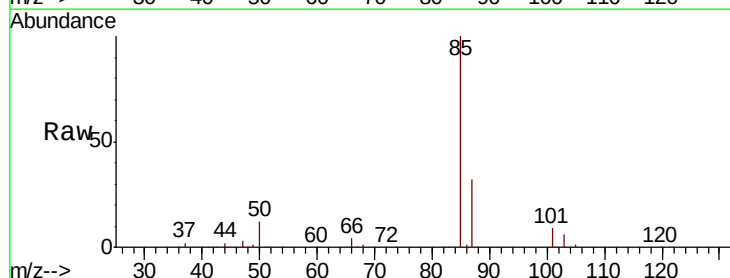
Acq: 26 Aug 2019 18:14

Tgt Ion: 85 Resp: 507818

Ion Ratio Lower Upper

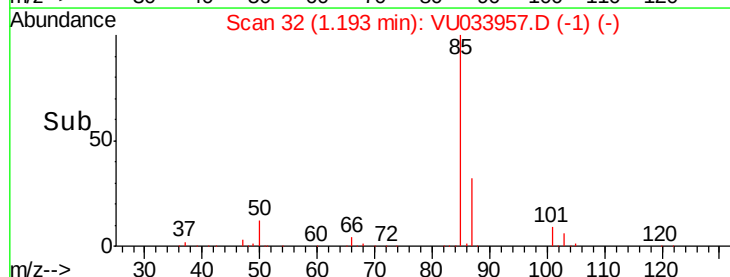
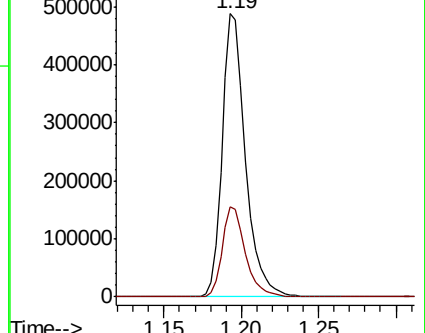
85 100

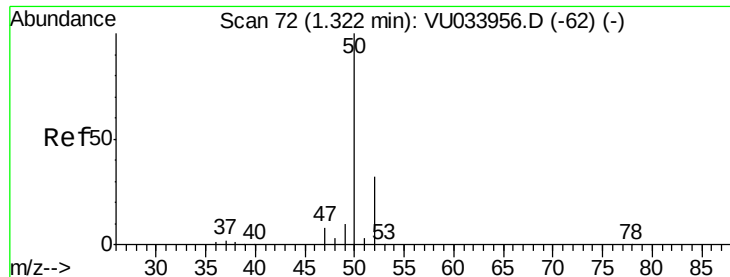
87 32.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VU033956.D (-24) (-)

Ion 86.90 (86.60 to 87.60): VU033956.D (-24) (-)





#3

Chloromethane

Concen: 57.622 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

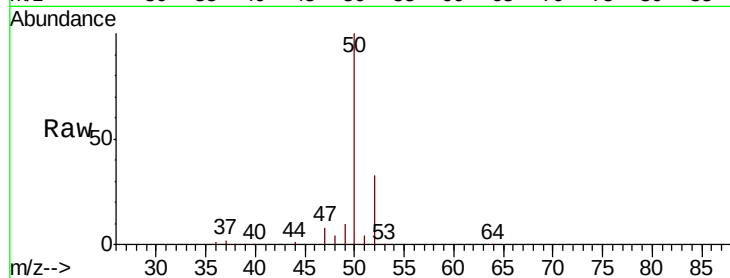
VSTDIC100

Tot Ion: 50 Resp: 575195

Ion Ratio Lower Upper

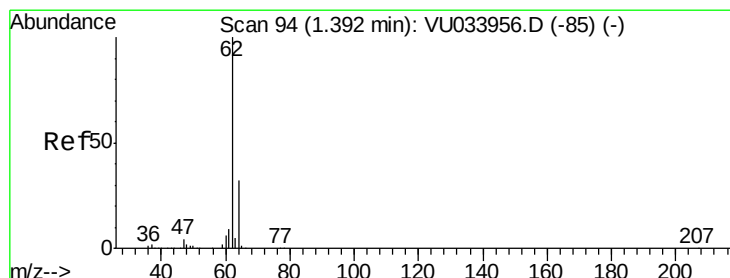
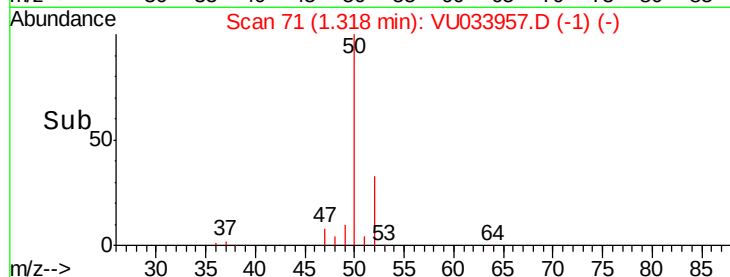
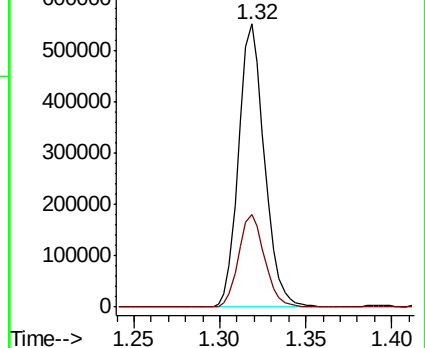
50 100

52 32.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU033957.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU033957.D (-1) (-)



#4

Vinyl Chloride

Concen: 86.085 ug/l

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033957.D

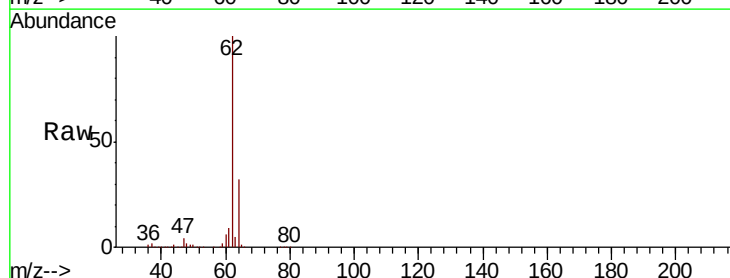
Acq: 26 Aug 2019 18:14

Tgt Ion: 62 Resp: 648288

Ion Ratio Lower Upper

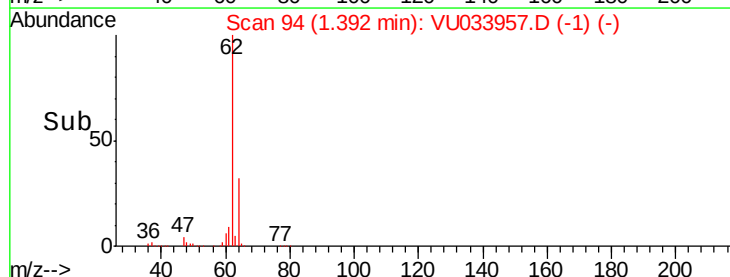
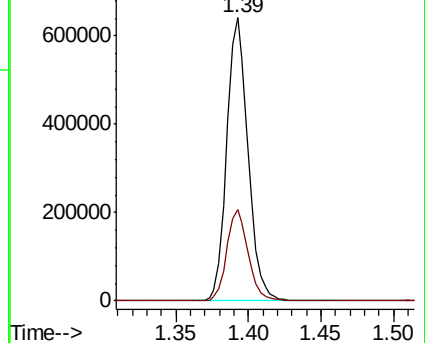
62 100

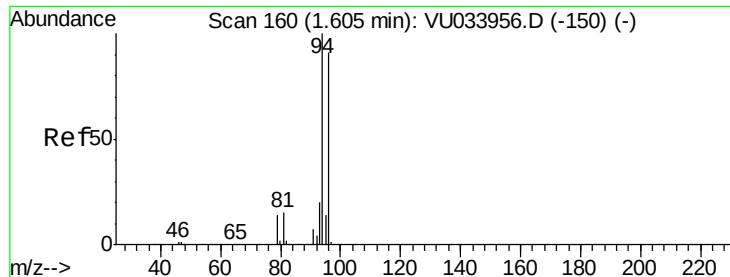
64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VU033957.D (-1) (-)

Ion 63.90 (63.60 to 64.60): VU033957.D (-1) (-)





#5

Bromomethane

Concen: 85.740 ug/l

RT: 1.59 min Scan# 156

Delta R.T. -0.01 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

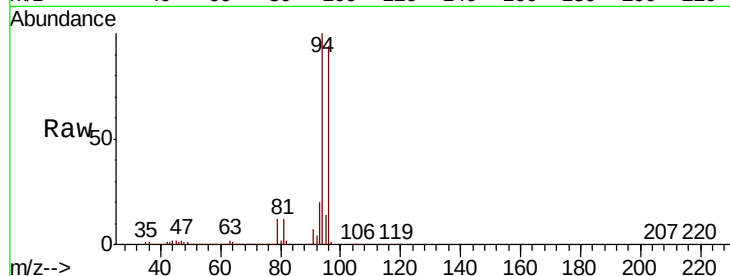
VSTDIC100

Tot Ion: 94 Resp: 270627

Ion Ratio Lower Upper

94 100

96 93.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.59

300000

250000

200000

150000

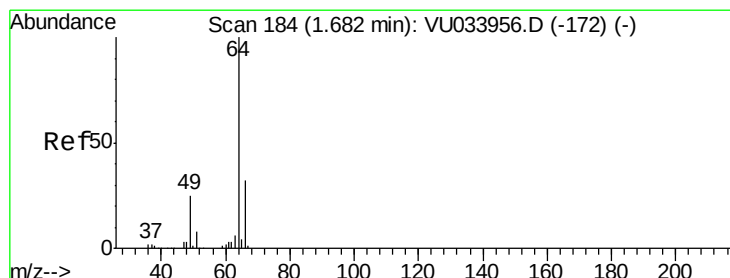
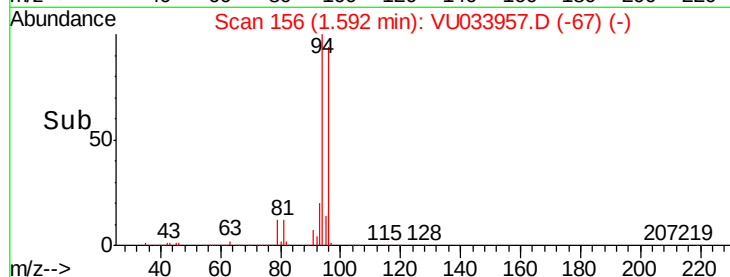
100000

50000

0

Time-->

1.55 1.60 1.65



#6

Chloroethane

Concen: 90.288 ug/l

RT: 1.67 min Scan# 180

Delta R.T. -0.01 min

Lab File: VU033957.D

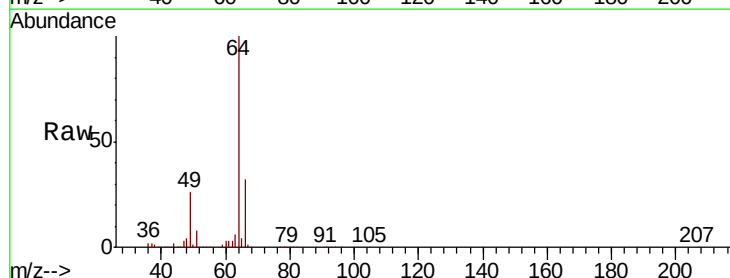
Acq: 26 Aug 2019 18:14

Tgt Ion: 64 Resp: 388442

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.67

300000

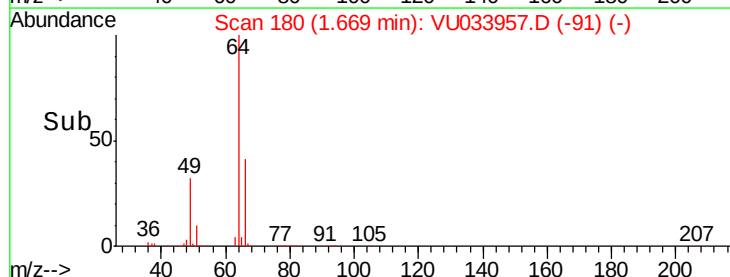
200000

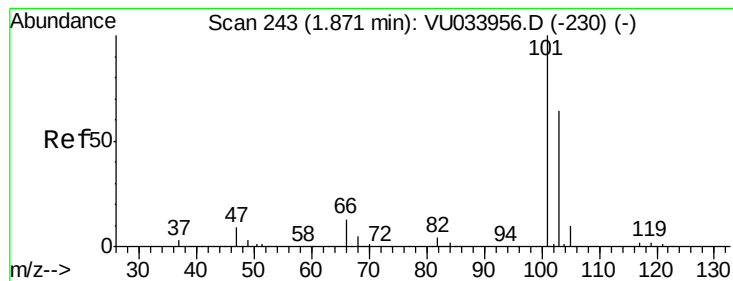
100000

0

Time-->

1.60 1.65 1.70 1.75



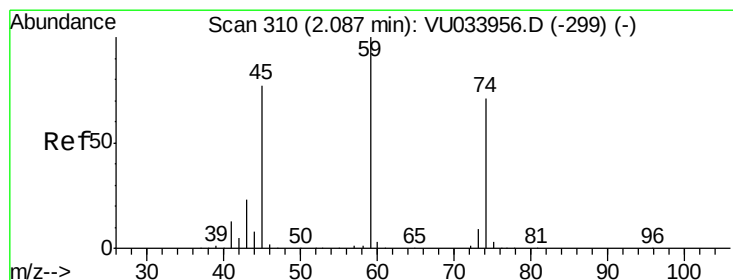
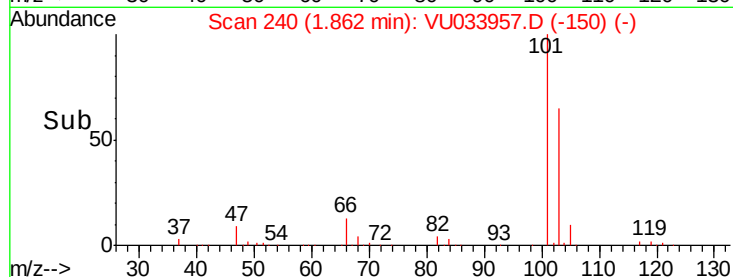
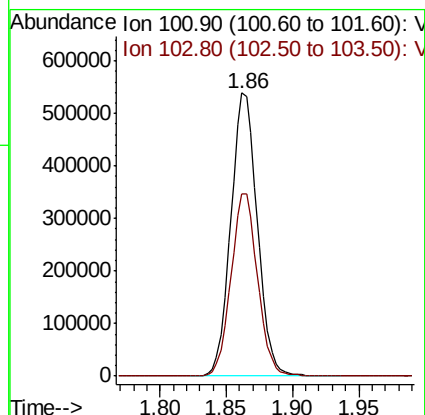
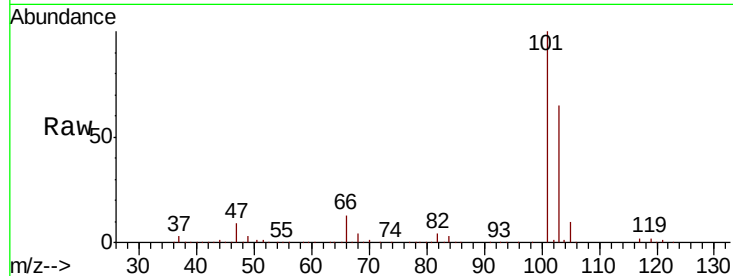


#7

Trichlorofluoromethane
 Concen: 92.756 ug/l
 RT: 1.86 min Scan# 240
 Delta R.T. -0.01 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

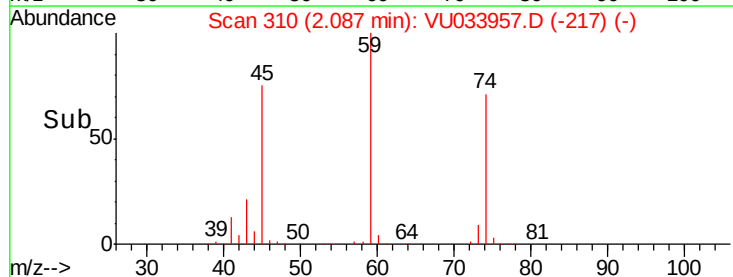
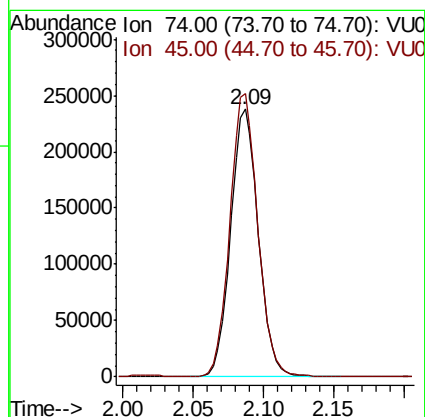
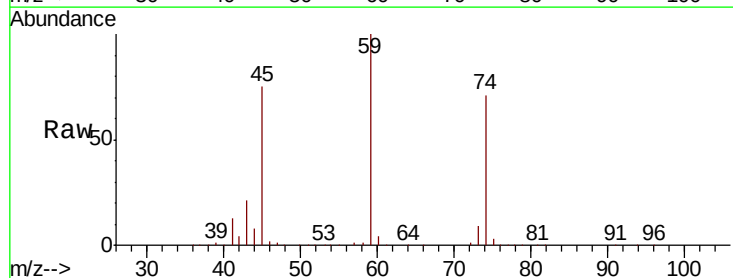
Tot Ion:101 Resp: 748979
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.5 77.3

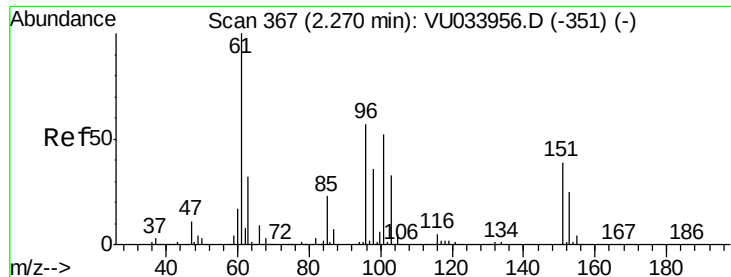


#8

Diethyl Ether
 Concen: 87.526 ug/l
 RT: 2.09 min Scan# 310
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Tgt Ion: 74 Resp: 326537
 Ion Ratio Lower Upper
 74 100
 45 106.1 53.9 161.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 91.565 ug/l

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

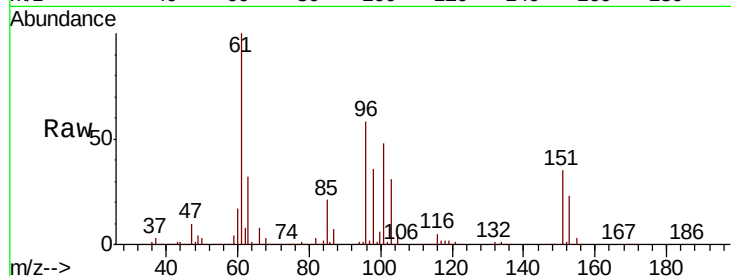
Tot Ion:101 Resp: 439962

Ion Ratio Lower Upper

101 100

85 43.9 35.0 52.6

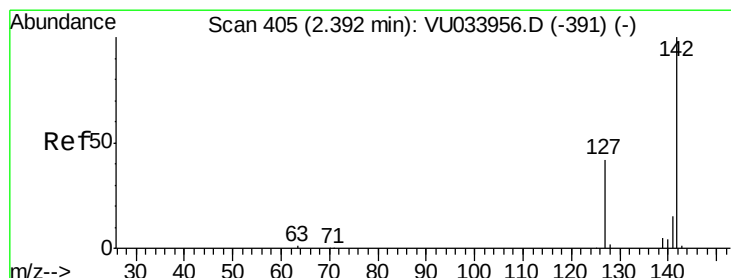
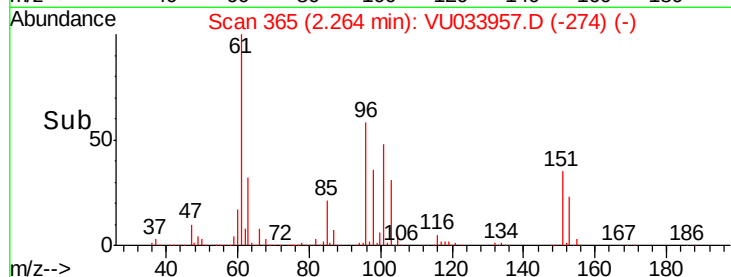
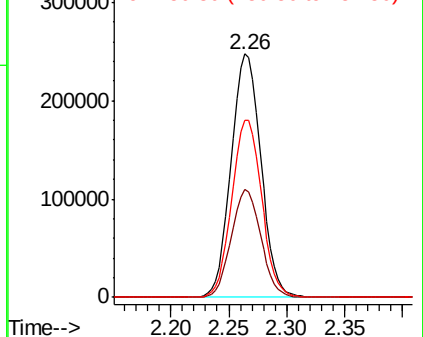
151 73.0 57.9 86.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 164.672 ug/l

RT: 2.39 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

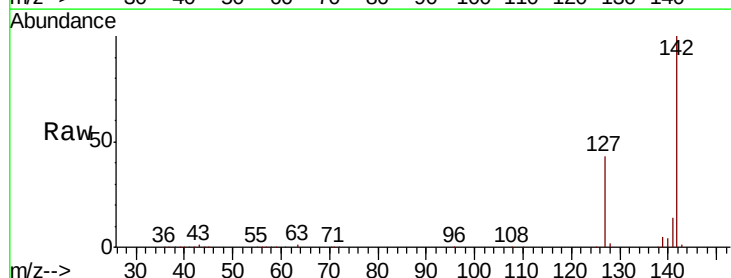
Tgt Ion:142 Resp: 722415

Ion Ratio Lower Upper

142 100

127 43.5 34.3 51.5

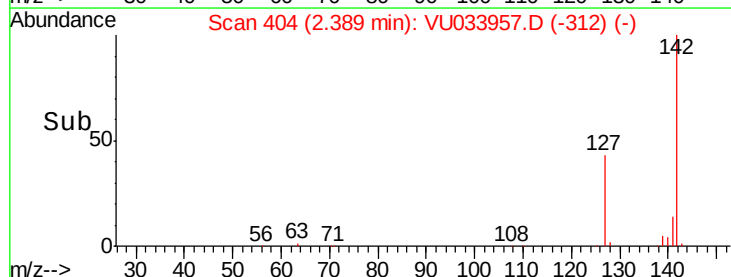
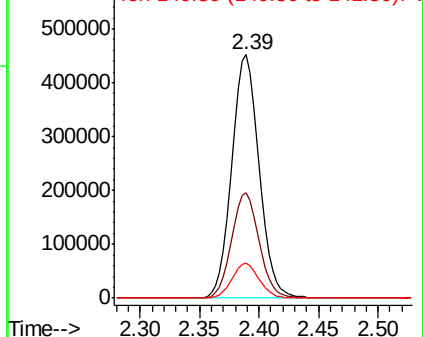
141 14.3 11.8 17.6

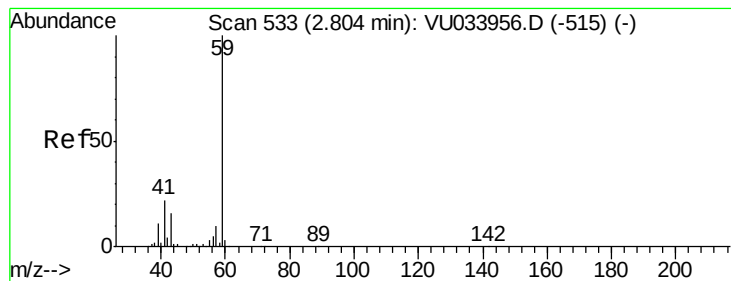


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



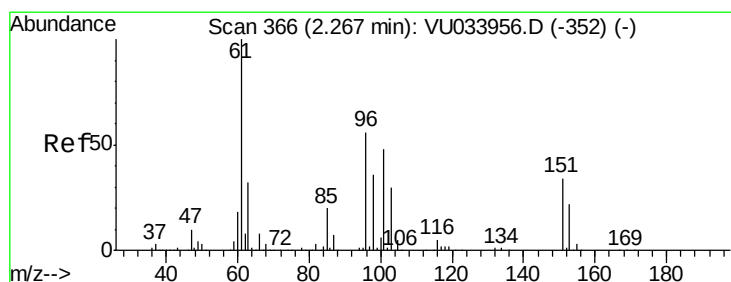
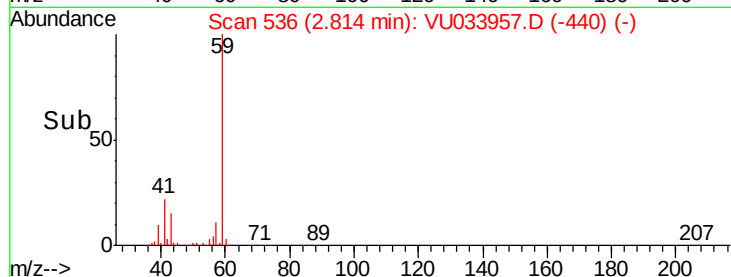
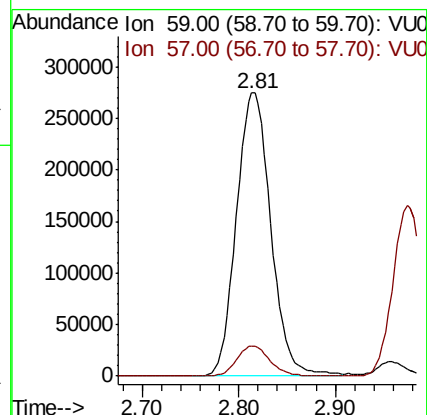
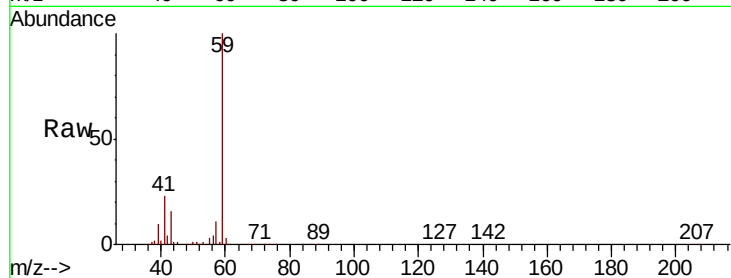


#11

Tert butyl alcohol
 Concen: 472.478 ug/l
 RT: 2.81 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

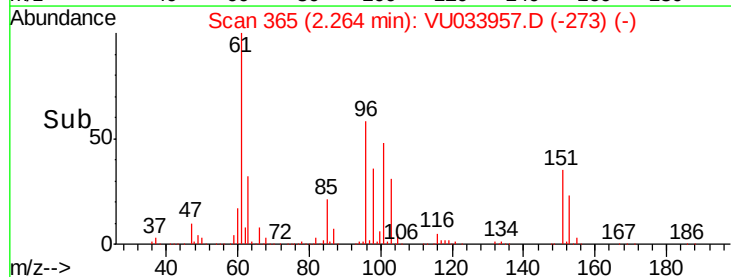
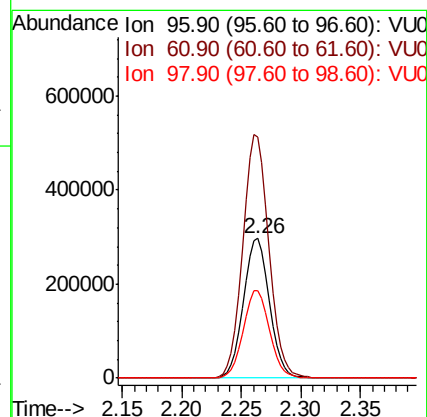
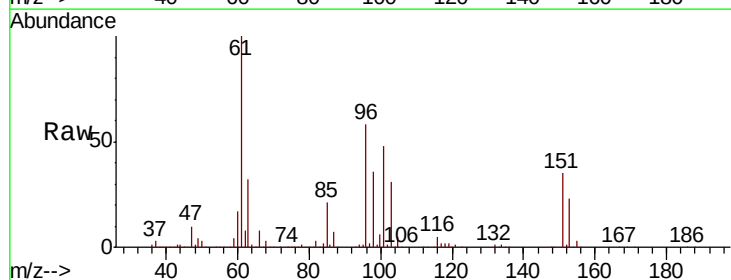
Tot Ion: 59 Resp: 679587
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

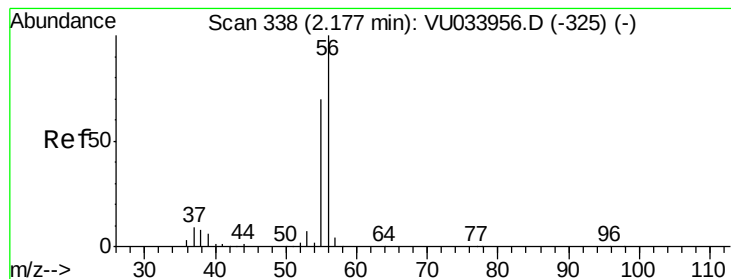


#12

1,1-Dichloroethene
 Concen: 93.947 ug/l
 RT: 2.26 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Tgt Ion: 96 Resp: 449860
 Ion Ratio Lower Upper
 96 100
 61 172.7 142.3 213.5
 98 62.7 51.0 76.6





#13

Acrolein

Concen: 353.494 ug/l

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

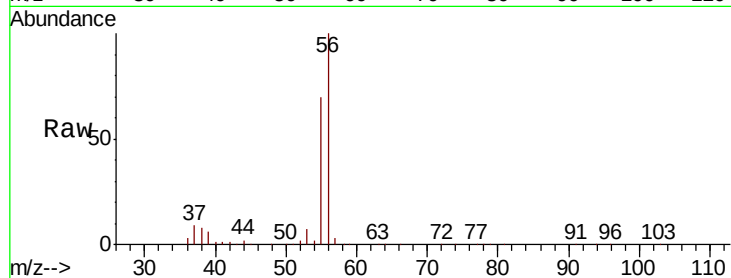
VSTDIC100

Tot Ion: 56 Resp: 386059

Ion Ratio Lower Upper

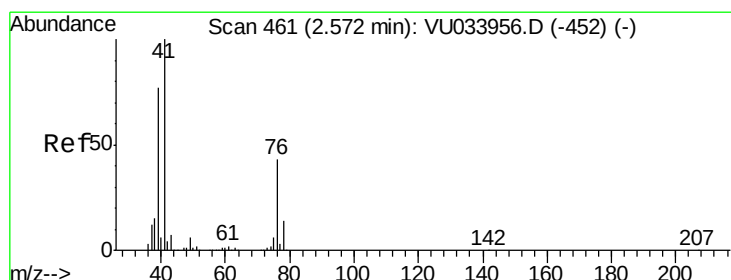
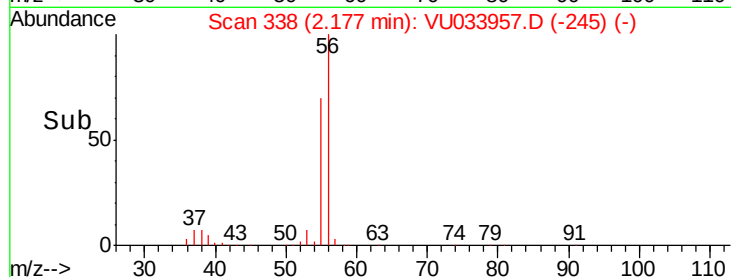
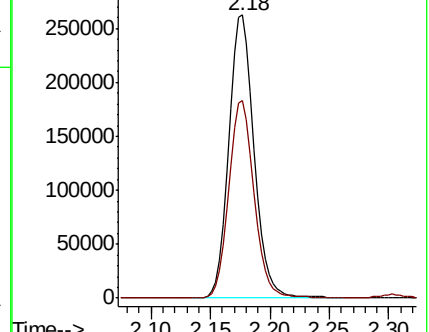
56 100

55 70.0 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VU033957.D (-245) (-)

Ion 55.00 (54.70 to 55.70): VU033957.D (-245) (-)



#14

Allyl chloride

Concen: 72.905 ug/l

RT: 2.57 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

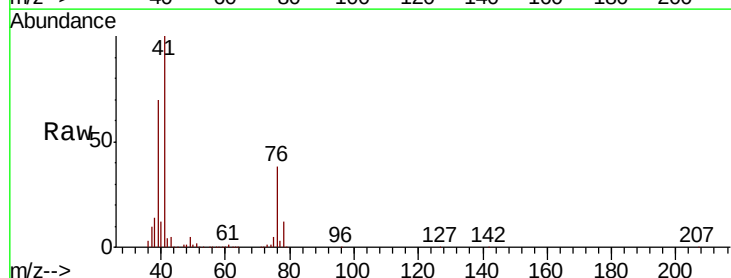
Tgt Ion: 41 Resp: 795277

Ion Ratio Lower Upper

41 100

39 69.5 56.4 84.6

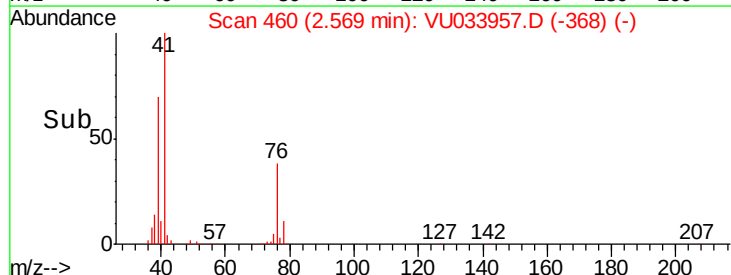
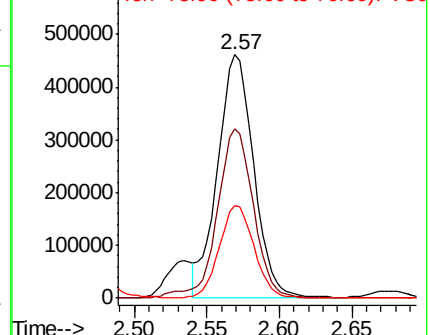
76 36.4 29.2 43.8

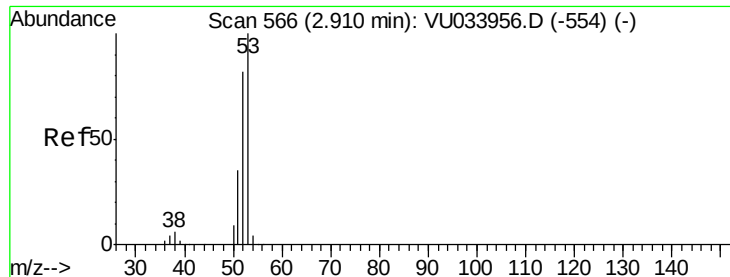


Abundance Ion 41.00 (40.70 to 41.70): VU033957.D (-368) (-)

Ion 39.00 (38.70 to 39.70): VU033957.D (-368) (-)

Ion 75.90 (75.60 to 76.60): VU033957.D (-368) (-)





#15

Acrylonitrile

Concen: 431.513 ug/l

RT: 2.91 min Scan# 566

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

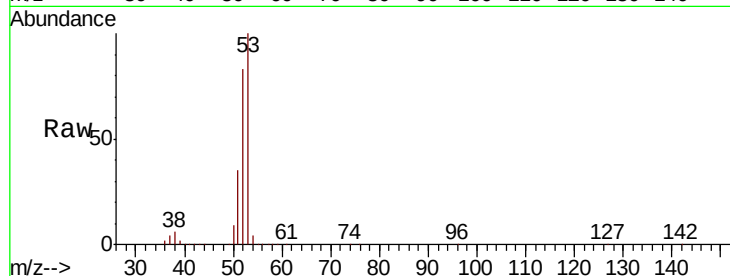
MSVOA_U

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 1716953

Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.2	97.8
51	35.4	28.6	43.0

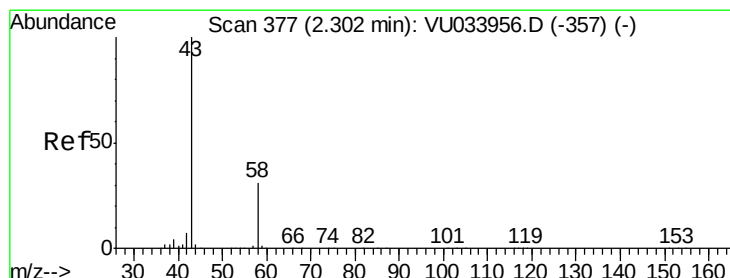
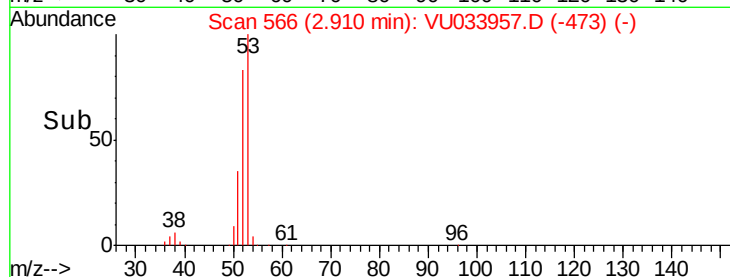
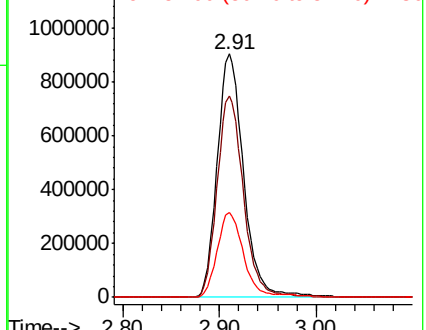


Abundance

Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 380.884 ug/l

RT: 2.30 min Scan# 377

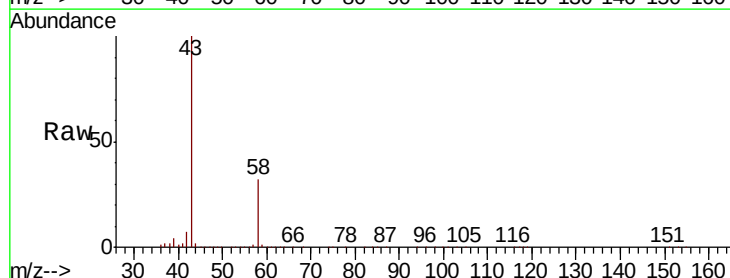
Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Tgt Ion: 43 Resp: 1600070

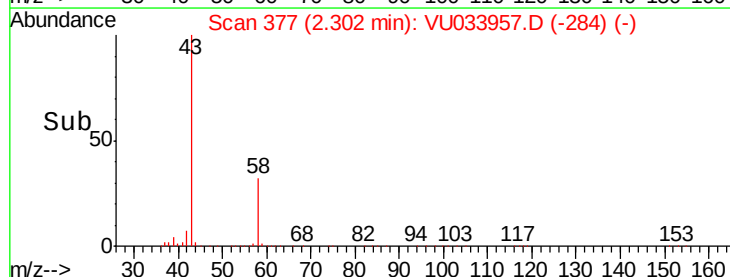
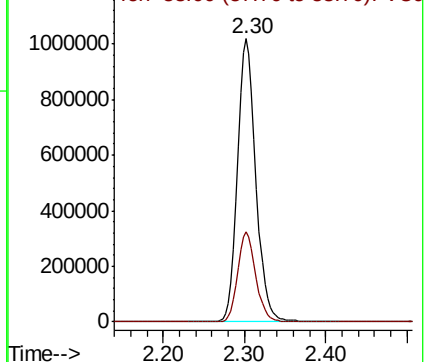
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.5	36.7

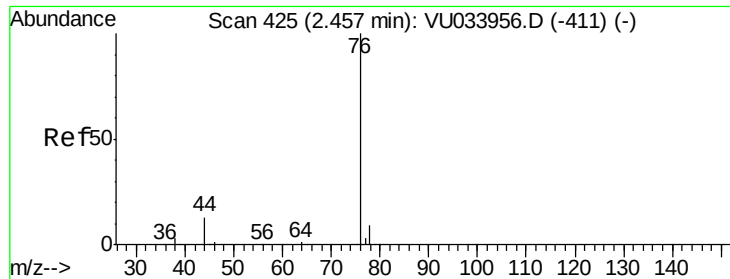


Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

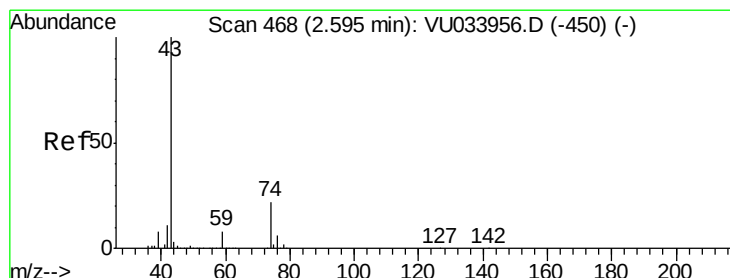
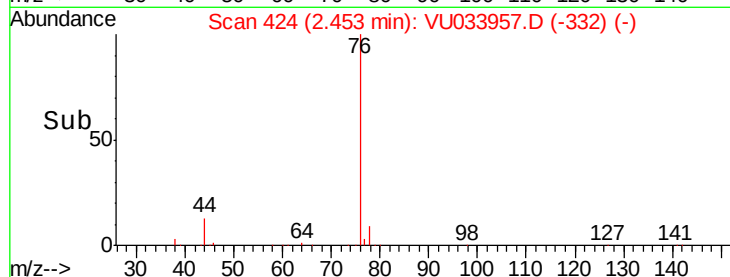
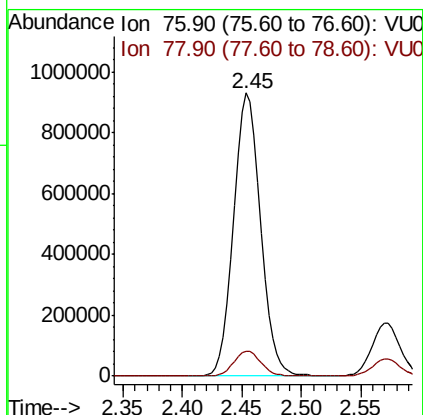
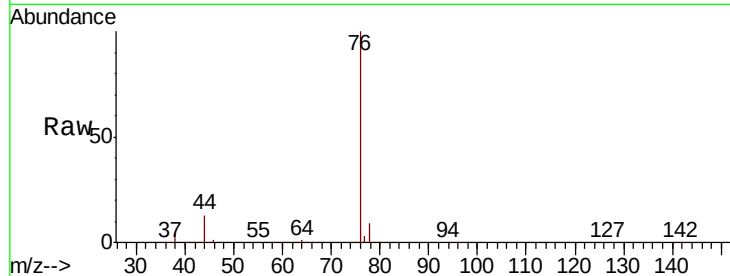




#17
Carbon Disulfide
Concen: 85.877 ug/l
RT: 2.45 min Scan# 424
Delta R.T. -0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

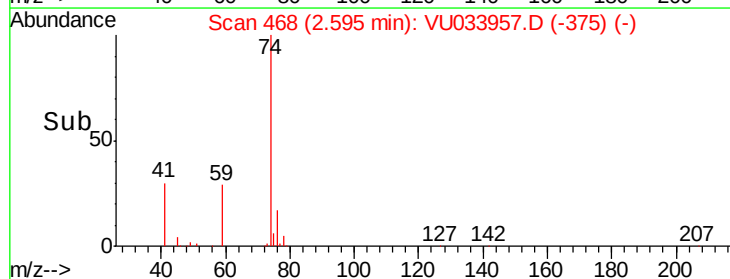
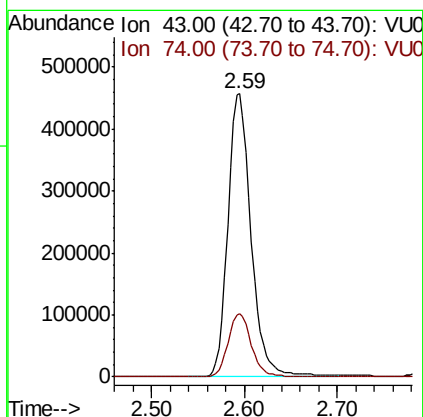
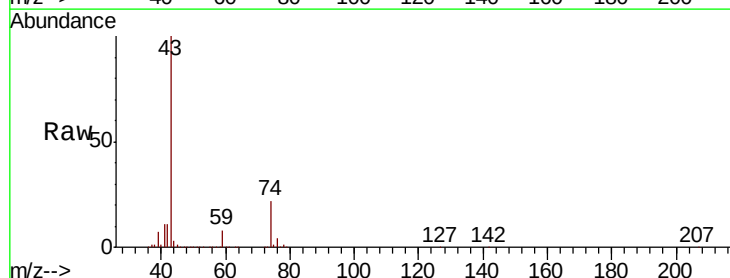
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

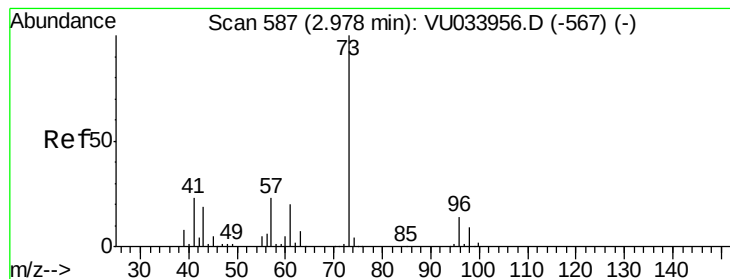
Tot Ion: 76 Resp: 1468043
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 74.090 ug/l
RT: 2.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Tgt Ion: 43 Resp: 786973
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.2





#19

Methyl tert-butyl Ether
 Concen: 86.539 ug/l
 RT: 2.97 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

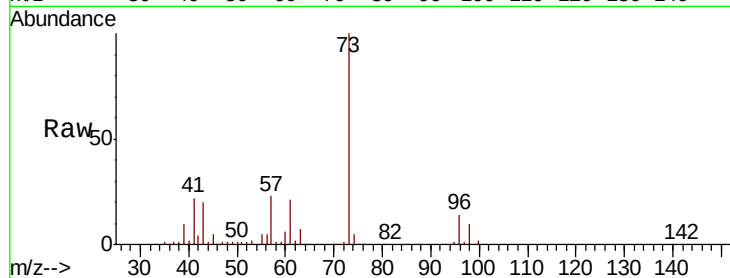
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tot Ion: 73 Resp: 1545208

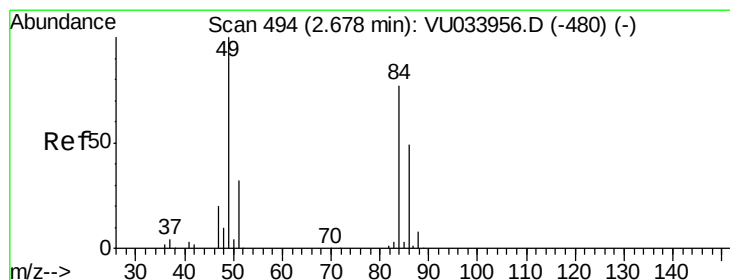
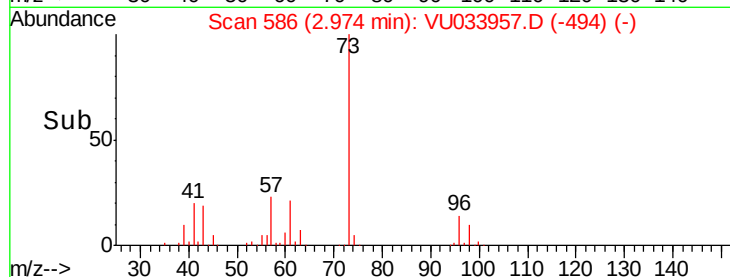
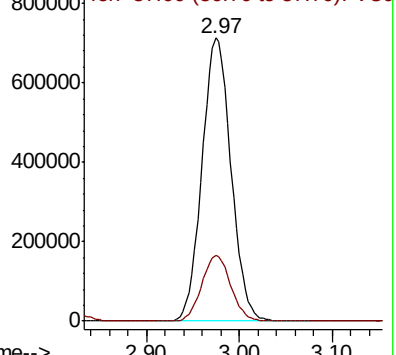
Ion Ratio Lower Upper

73 100

57 23.1 18.3 27.5



Abundance Ion 73.00 (72.70 to 73.70): VU033956.D (-567) (-)
 Ion 57.00 (56.70 to 57.70): VU033956.D (-567) (-)



#20

Methylene Chloride
 Concen: 83.927 ug/l
 RT: 2.68 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Tgt Ion: 84 Resp: 528623

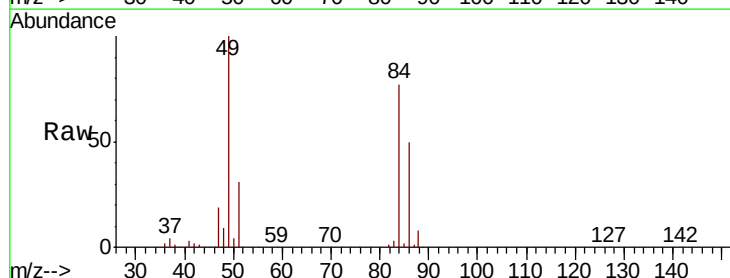
Ion Ratio Lower Upper

84 100

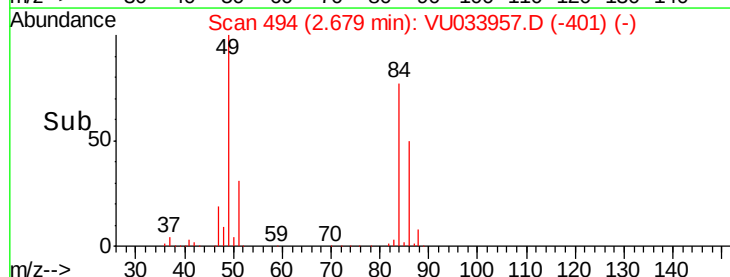
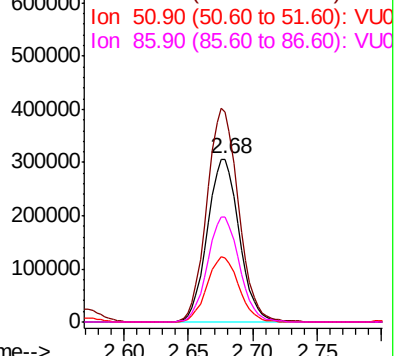
49 129.0 104.1 156.1

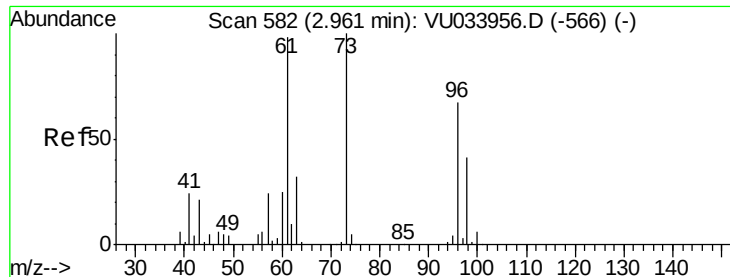
51 39.6 33.0 49.6

86 64.2 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VU033956.D (-480) (-)
 Ion 48.90 (48.60 to 49.60): VU033956.D (-480) (-)
 Ion 50.90 (50.60 to 51.60): VU033956.D (-480) (-)
 Ion 85.90 (85.60 to 86.60): VU033956.D (-480) (-)





#21

trans-1,2-Dichloroethene

Concen: 91.813 ug/l

RT: 2.96 min Scan# 581

Delta R.T. -0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

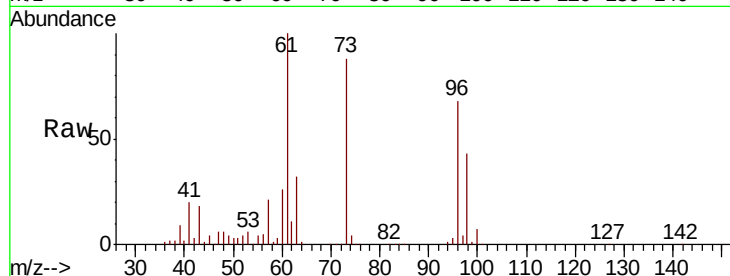
Tot Ion: 96 Resp: 495516

Ion Ratio Lower Upper

96 100

61 148.0 117.8 176.8

98 63.6 49.8 74.8

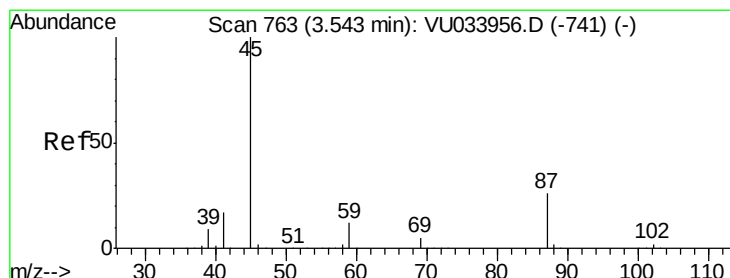
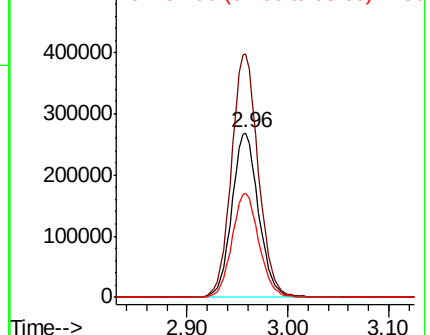
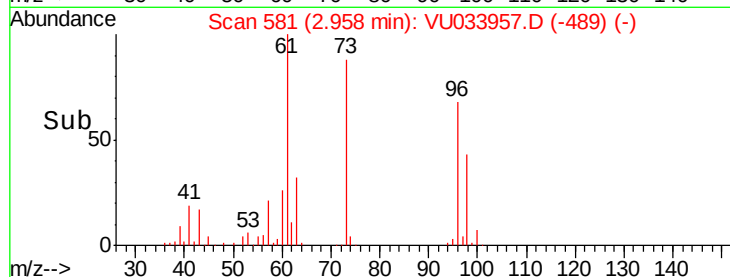


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 79.647 ug/l

RT: 3.54 min Scan# 763

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Tgt Ion: 45 Resp: 1696205

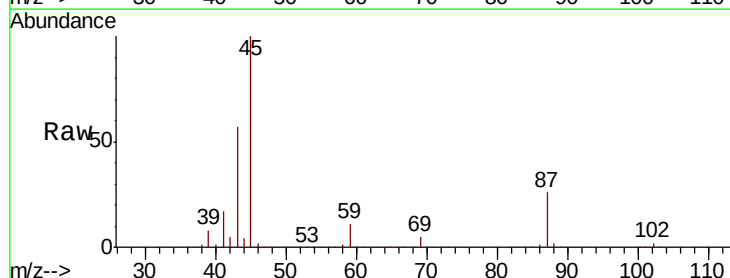
Ion Ratio Lower Upper

45 100

43 56.9 50.6 76.0

87 26.0 21.2 31.8

59 11.2 9.6 14.4



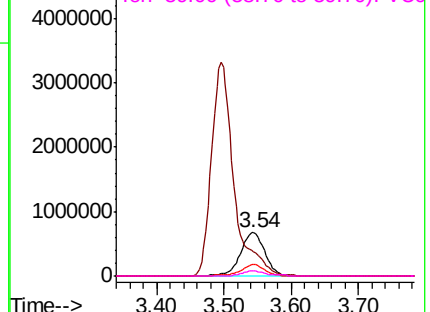
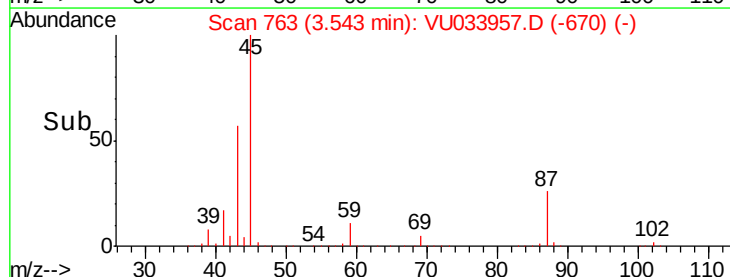
Abundance

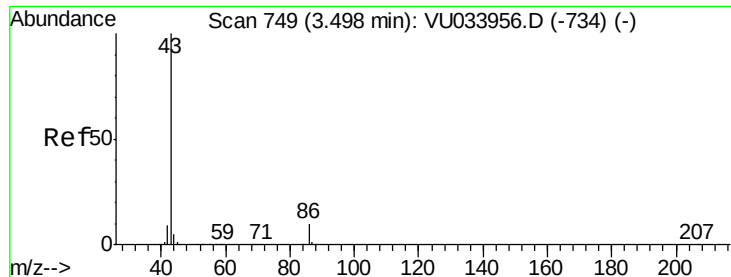
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 435.140 ug/l

RT: 3.50 min Scan# 748

Delta R.T. -0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

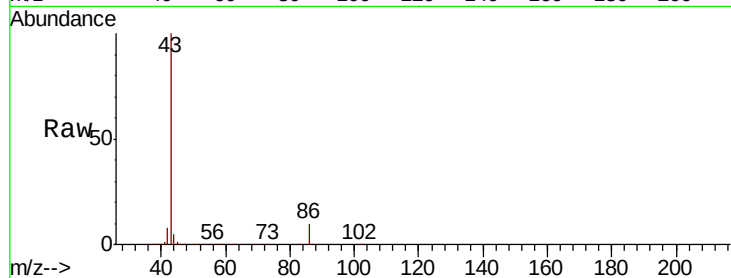
VSTDIC100

Tot Ion: 43 Resp: 7708042

Ion Ratio Lower Upper

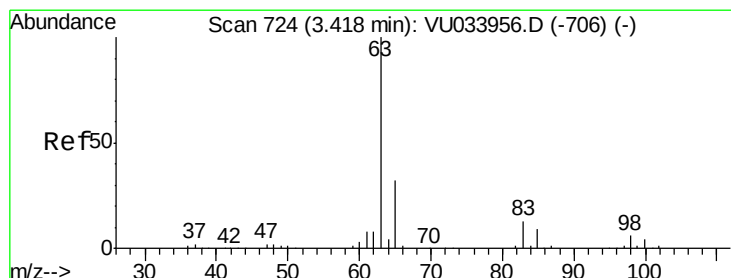
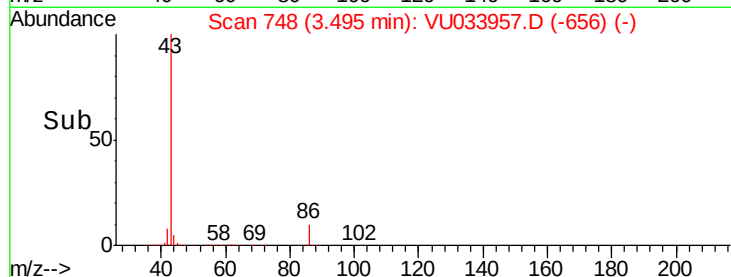
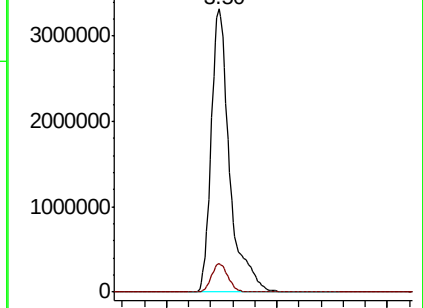
43 100

86 10.0 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-734) (-)

Ion 86.00 (85.70 to 86.70): VU033956.D (-734) (-)



#24

1,1-Dichloroethane

Concen: 84.591 ug/l

RT: 3.42 min Scan# 724

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

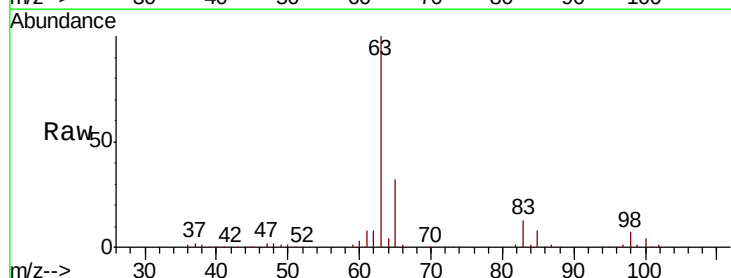
Tgt Ion: 63 Resp: 959725

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

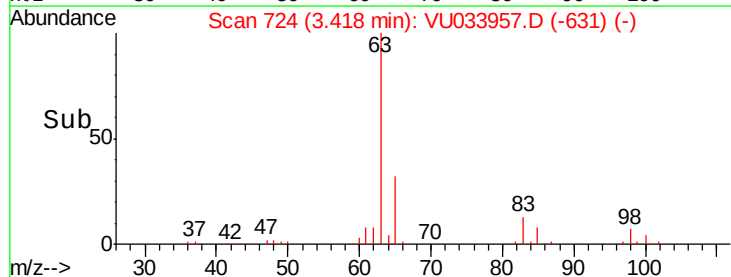
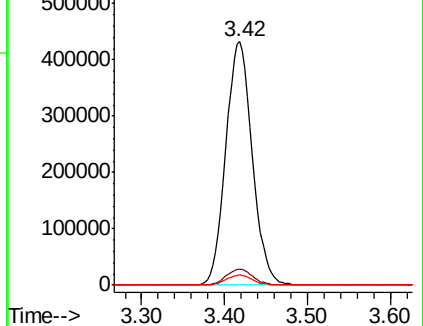
100 4.2 2.1 6.5

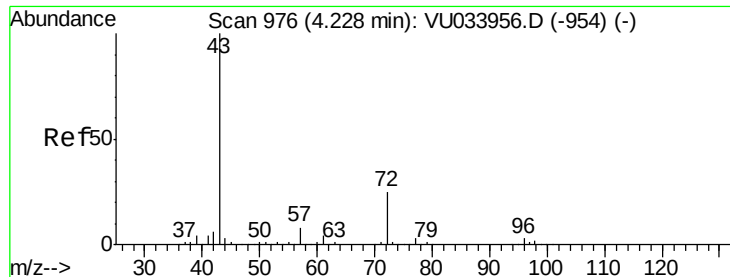


Abundance Ion 62.90 (62.60 to 63.60): VU033956.D (-706) (-)

Ion 97.90 (97.60 to 98.60): VU033956.D (-706) (-)

Ion 99.90 (99.60 to 100.60): VU033956.D (-706) (-)





#25

2-Butanone

Concen: 426.524 ug/l

RT: 4.23 min Scan# 976

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

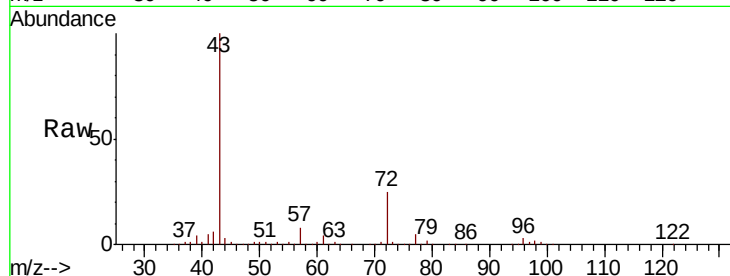
VSTDIC100

Tot Ion: 43 Resp: 2434850

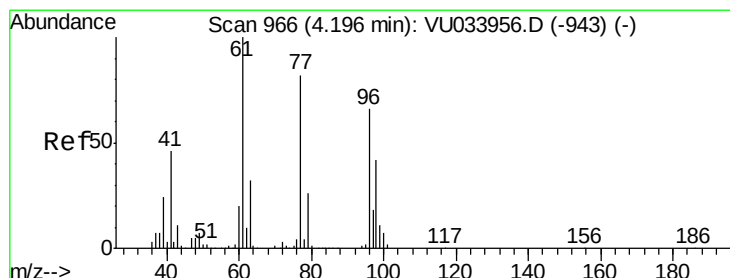
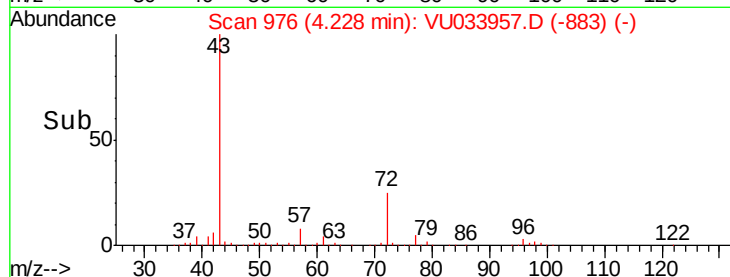
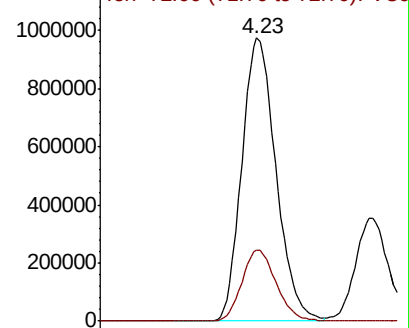
Ion Ratio Lower Upper

43 100

72 25.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-954) (-)



#26

2,2-Dichloropropane

Concen: 86.363 ug/l

RT: 4.19 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033957.D

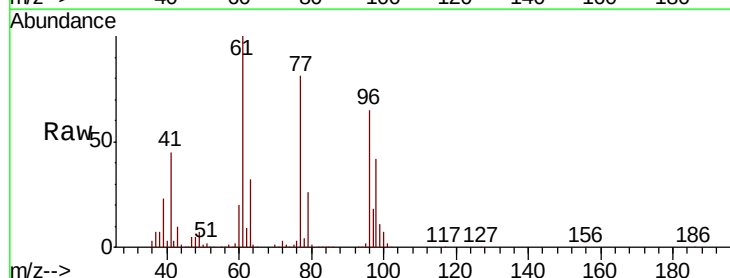
Acq: 26 Aug 2019 18:14

Tgt Ion: 77 Resp: 780136

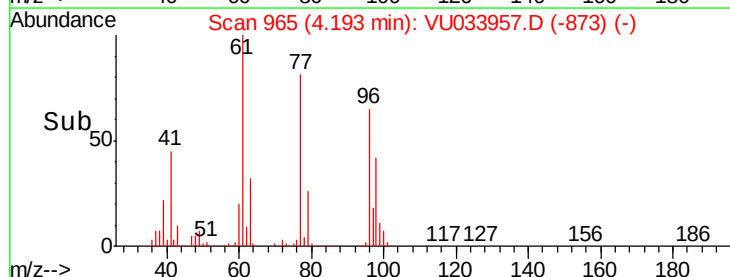
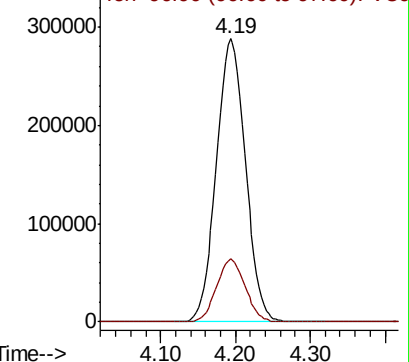
Ion Ratio Lower Upper

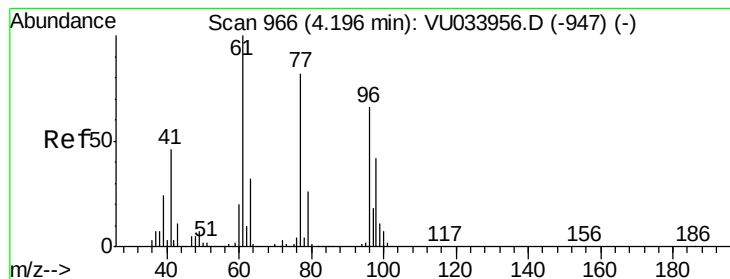
77 100

97 21.8 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VU033956.D (-943) (-)



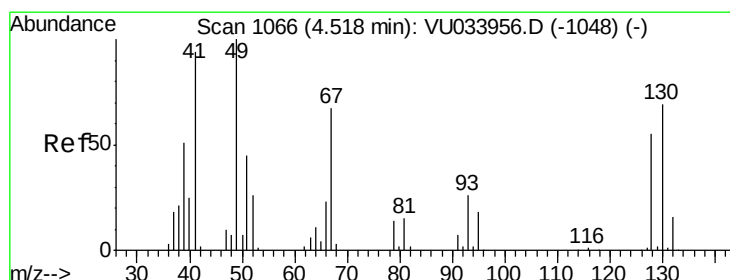
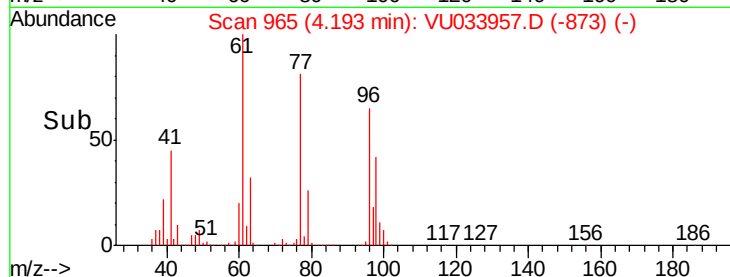
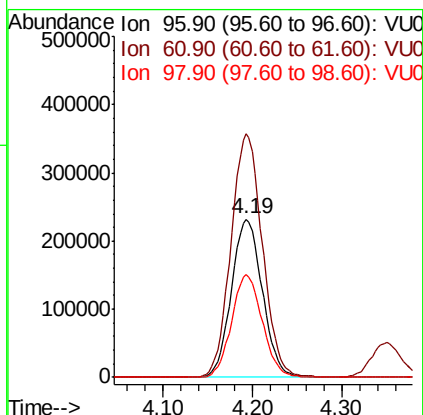
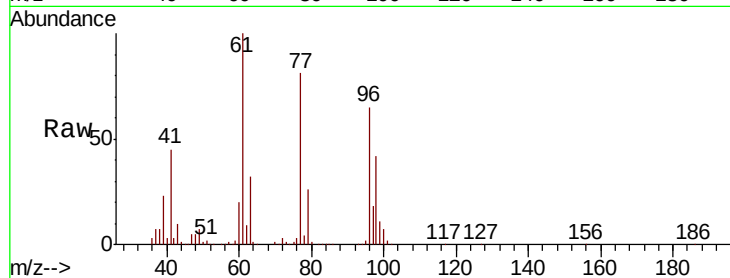


#27

cis-1,2-Dichloroethene
 Concen: 91.772 ug/l
 RT: 4.19 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

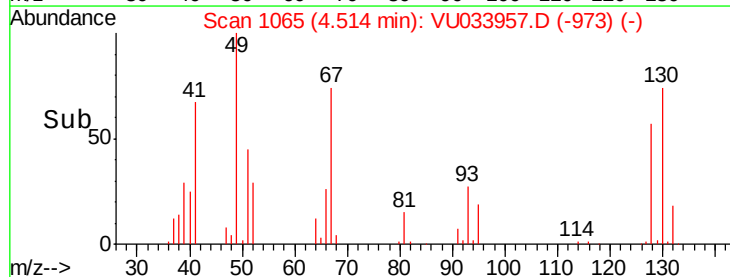
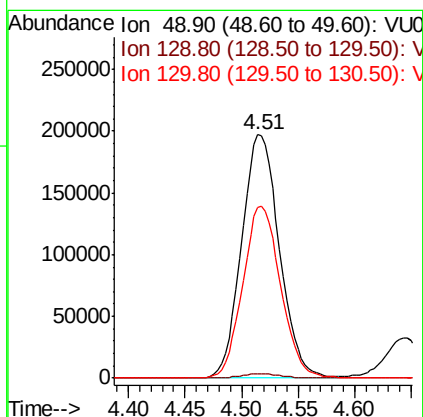
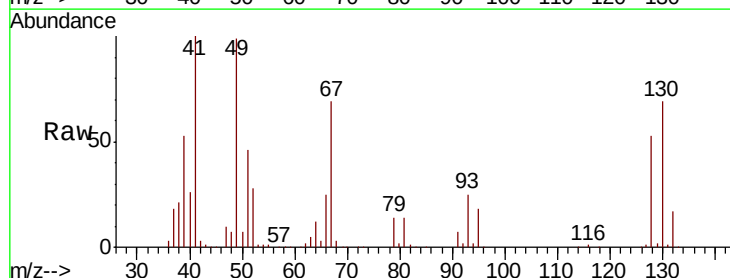
Tot Ion	96	Resp	556222
Ion	Ratio	Lower	Upper
96	100		
61	156.7	0.0	312.2
98	64.7	0.0	129.4

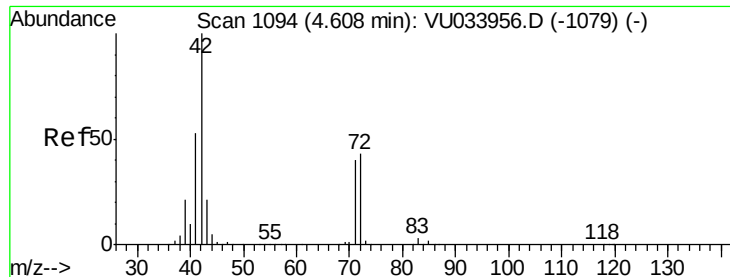


#28

Bromochloromethane
 Concen: 89.227 ug/l
 RT: 4.51 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Tgt Ion	49	Resp	458619
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	70.7	56.2	84.4





#29

Tetrahydrofuran

Concen: 416.414 ug/l

RT: 4.61 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

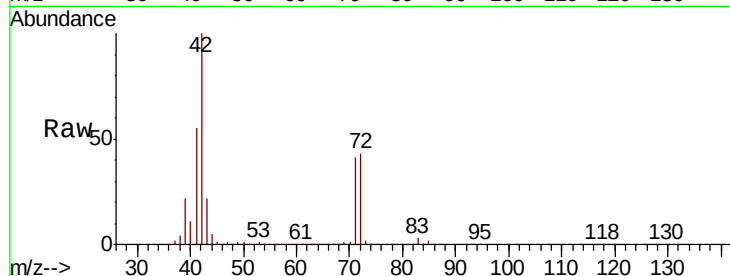
Tot Ion: 42 Resp: 1519798

Ion Ratio Lower Upper

42 100

72 43.5 34.6 52.0

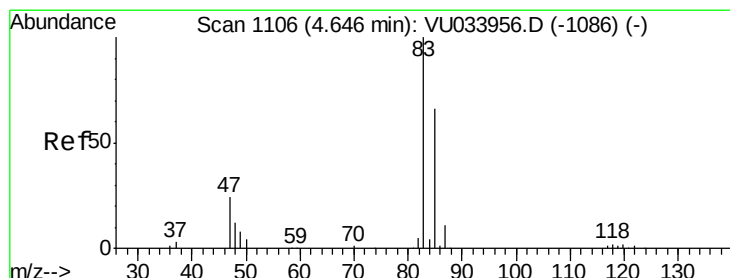
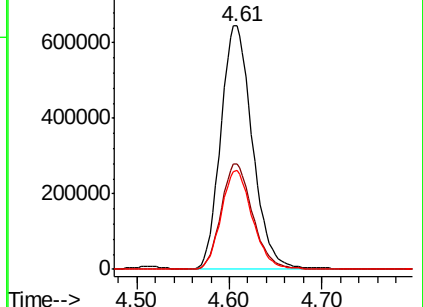
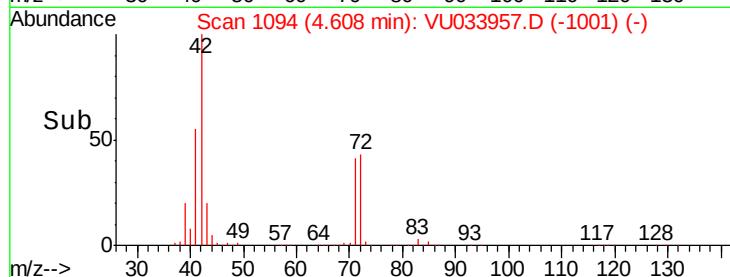
71 40.5 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VU033956.D (-1079) (-)

Ion 72.00 (71.70 to 72.70): VU033956.D (-1079) (-)

Ion 71.00 (70.70 to 71.70): VU033956.D (-1079) (-)



#30

Chloroform

Concen: 90.499 ug/l

RT: 4.64 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VU033957.D

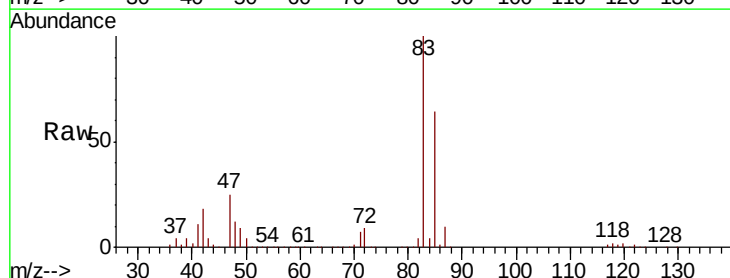
Acq: 26 Aug 2019 18:14

Tgt Ion: 83 Resp: 905165

Ion Ratio Lower Upper

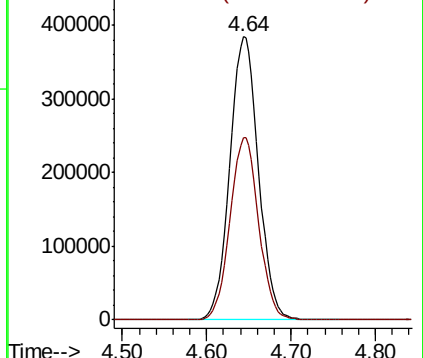
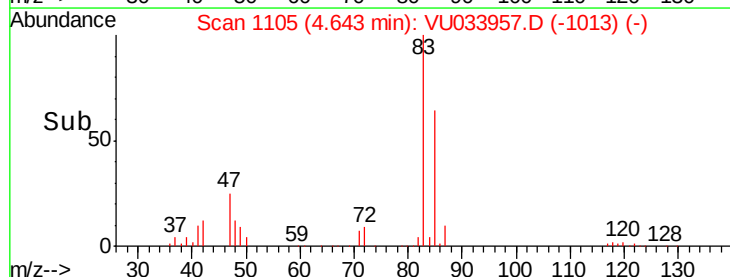
83 100

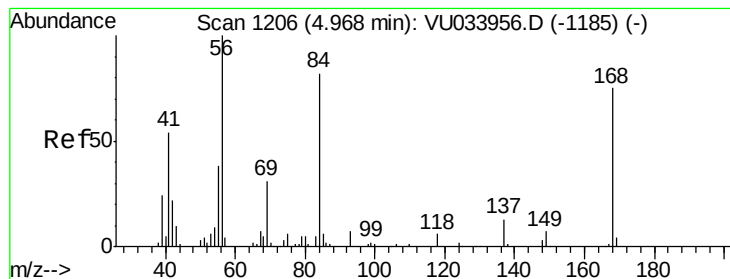
85 64.4 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU033956.D (-1086) (-)

Ion 84.90 (84.60 to 85.60): VU033956.D (-1086) (-)





#31

Cyclohexane

Concen: 66.130 ug/l

RT: 4.97 min Scan# 1206

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

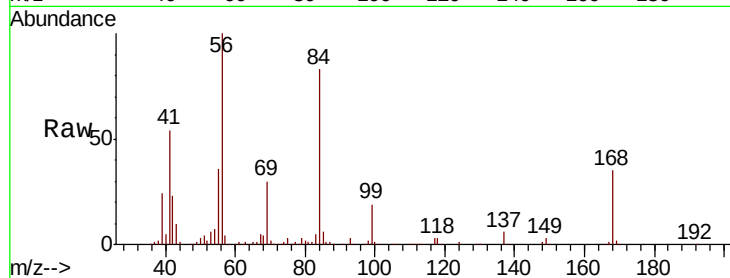
Tot Ion: 56 Resp: 873533

Ion Ratio Lower Upper

56 100

69 30.1 24.6 37.0

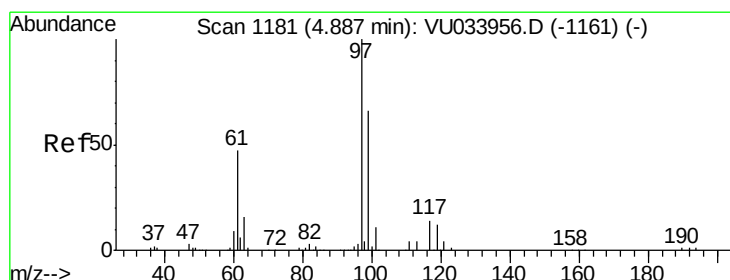
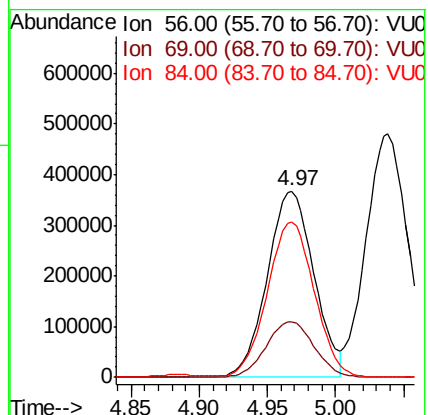
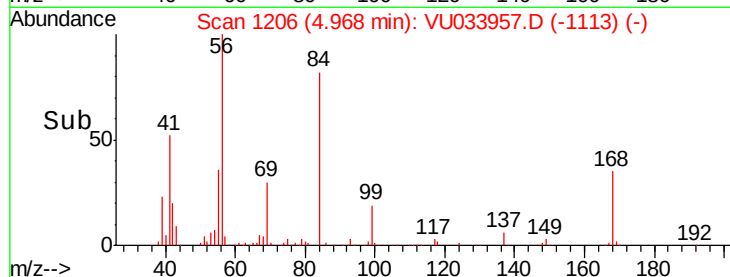
84 82.2 65.4 98.0



Abundance Ion 56.00 (55.70 to 56.70): VU033956.D (-1185) (-)

Ion 69.00 (68.70 to 69.70): VU033956.D (-1185) (-)

Ion 84.00 (83.70 to 84.70): VU033956.D (-1185) (-)



#32

1,1,1-Trichloroethane

Concen: 92.863 ug/l

RT: 4.89 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

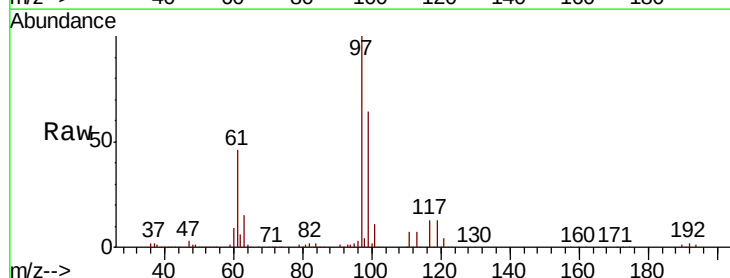
Tgt Ion: 97 Resp: 772758

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

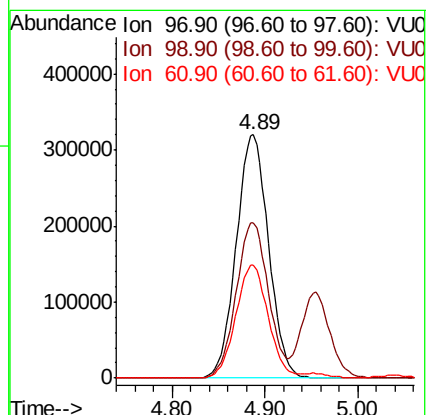
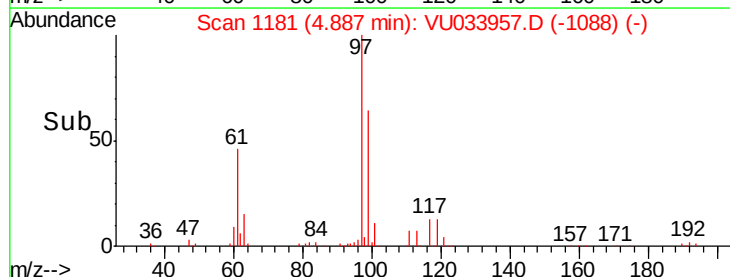
61 46.7 38.4 57.6

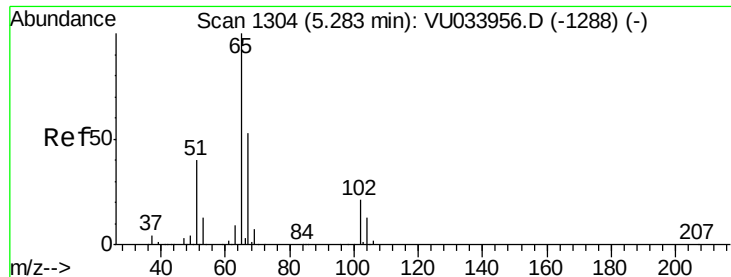


Abundance Ion 96.90 (96.60 to 97.60): VU033956.D (-1161) (-)

Ion 98.90 (98.60 to 99.60): VU033956.D (-1161) (-)

Ion 60.90 (60.60 to 61.60): VU033956.D (-1161) (-)

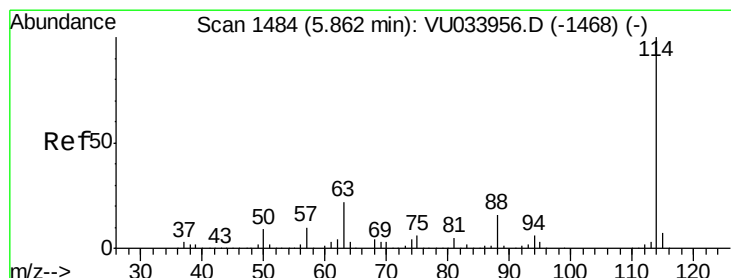
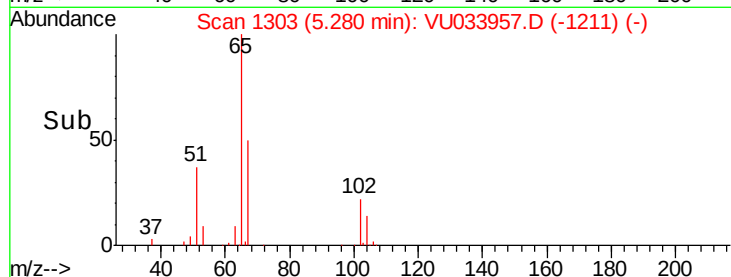
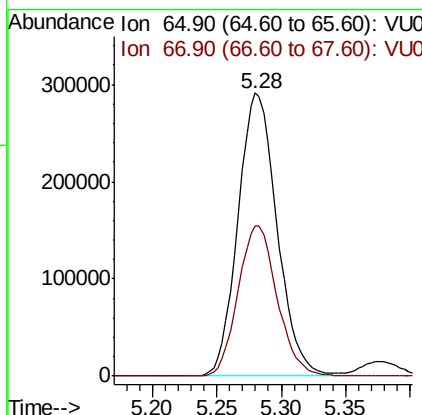
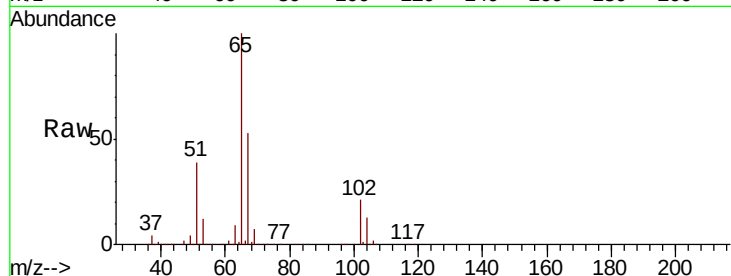




#33
 1,2-Dichloroethane-d4
 Concen: 95.152 ug/l
 RT: 5.28 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

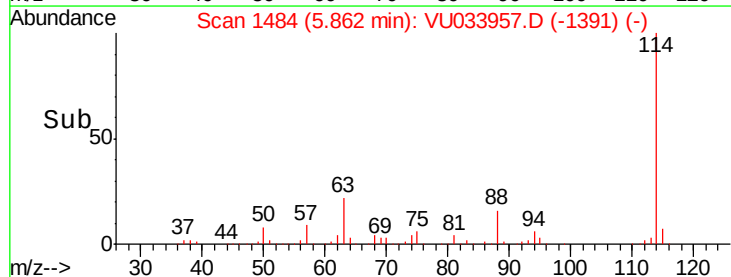
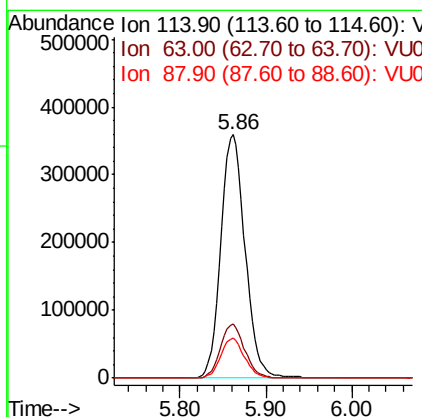
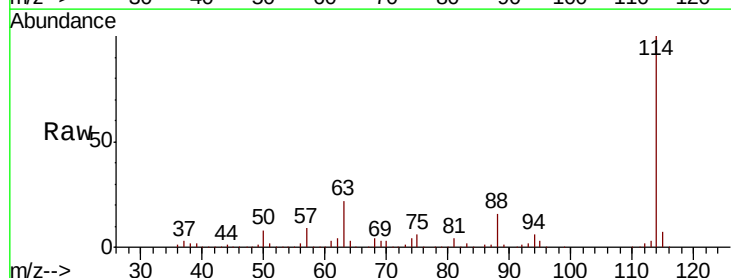
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

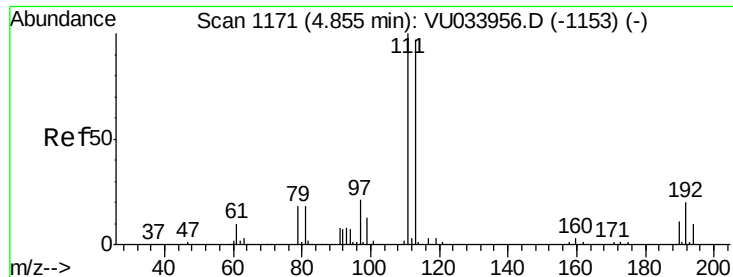
Tot Ion: 65 Resp: 614039
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Tgt Ion: 114 Resp: 706569
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.2
 88 16.4 0.0 32.0

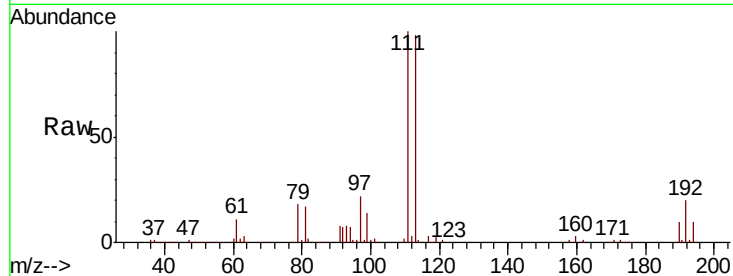




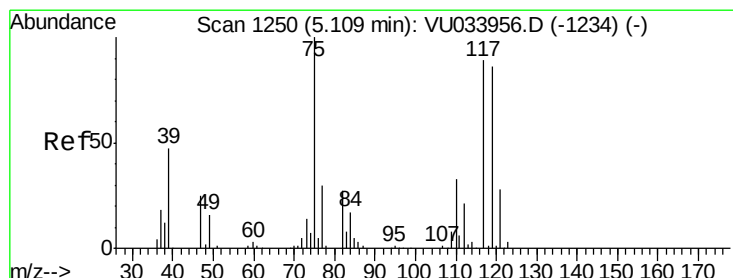
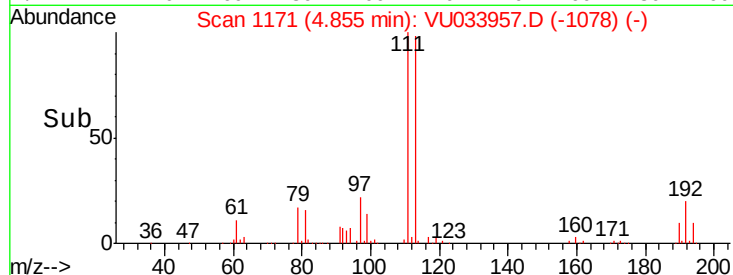
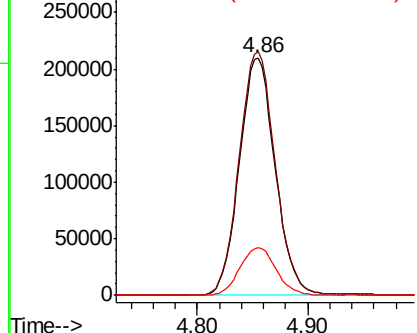
#35
 Dibromofluoromethane
 Concen: 105.922 ug/l
 RT: 4.86 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tot Ion:113 Resp: 472758
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.0 123.0
 192 20.5 16.2 24.4

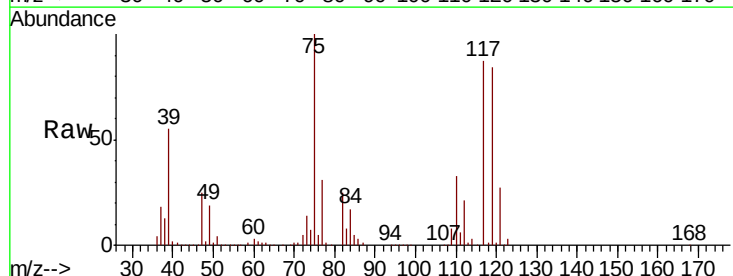


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

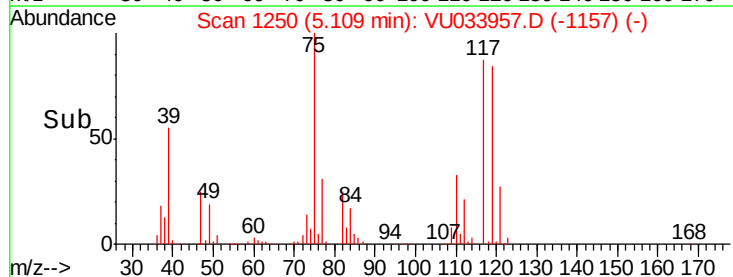
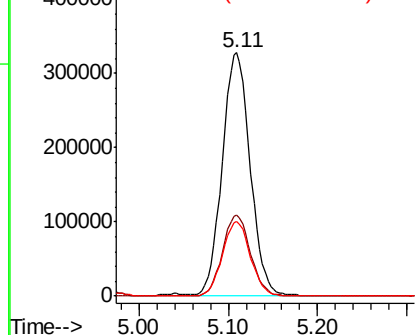


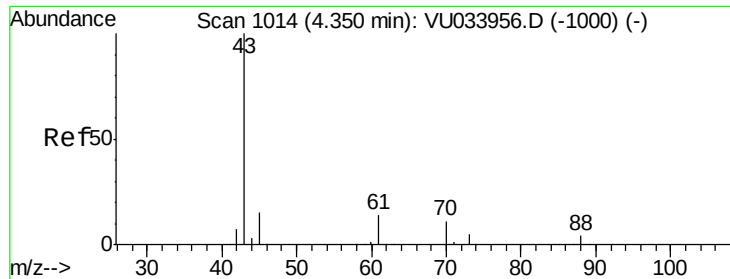
#36
 1,1-Dichloropropene
 Concen: 92.482 ug/l
 RT: 5.11 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Tgt Ion: 75 Resp: 708631
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.8 50.4
 77 30.8 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

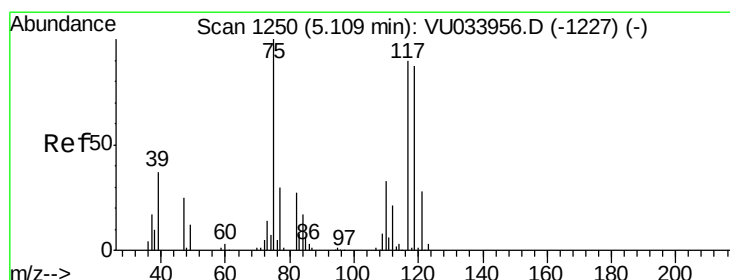
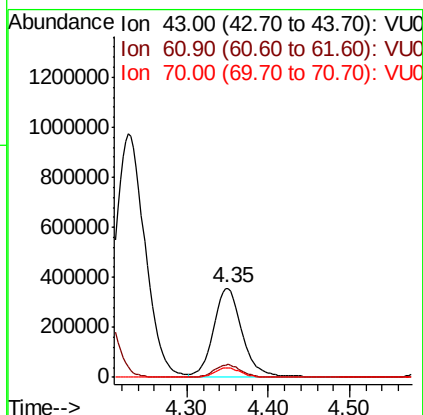
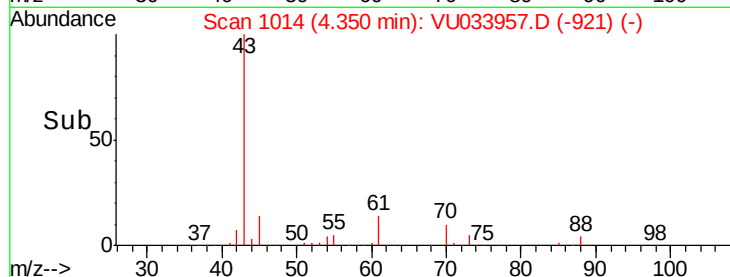
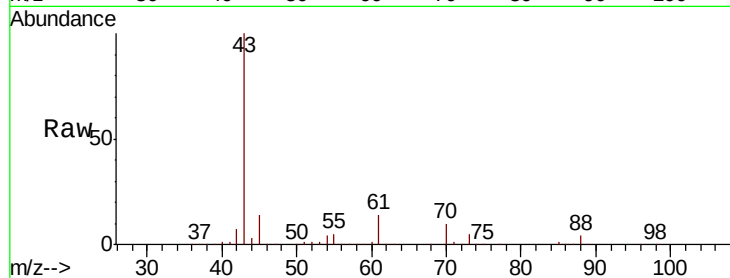




#37
Ethyl Acetate
Concen: 89.422 ug/l
RT: 4.35 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

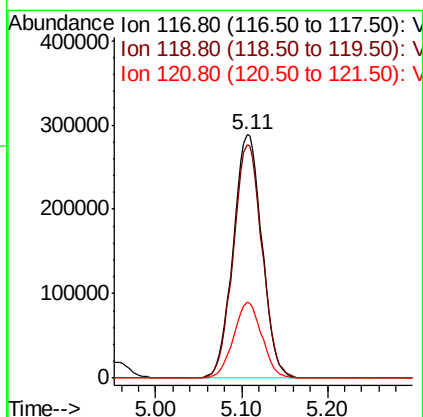
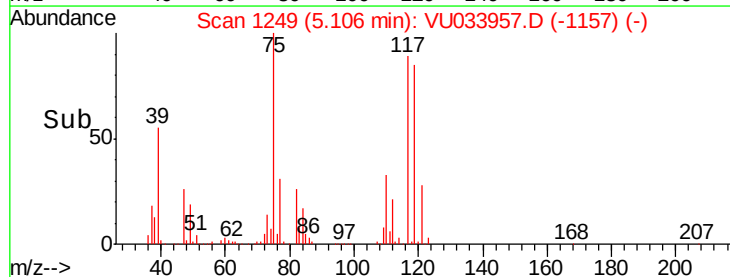
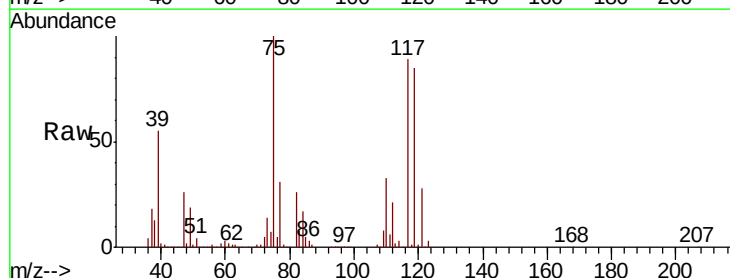
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

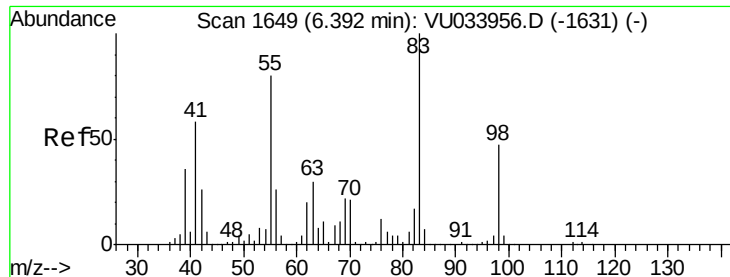
Tot Ion: 43 Resp: 872437
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 9.9 8.2 12.4



#38
Carbon Tetrachloride
Concen: 105.094 ug/l
RT: 5.11 min Scan# 1249
Delta R.T. -0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Tgt Ion: 117 Resp: 669454
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
121 30.9 24.9 37.3

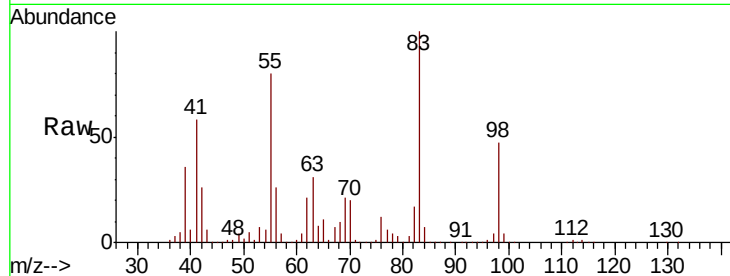




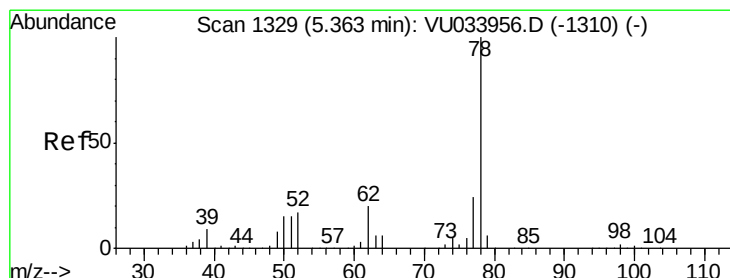
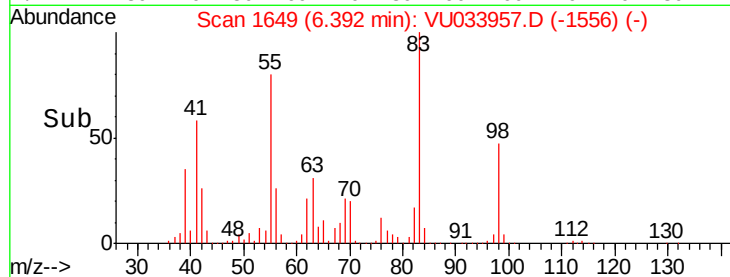
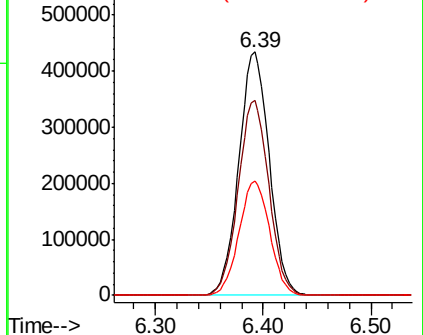
#39
Methylvlcyclohexane
Concen: 91.866 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Tot Ion: 83 Resp: 855578
Ion Ratio Lower Upper
83 100
55 79.8 63.8 95.8
98 47.1 37.7 56.5

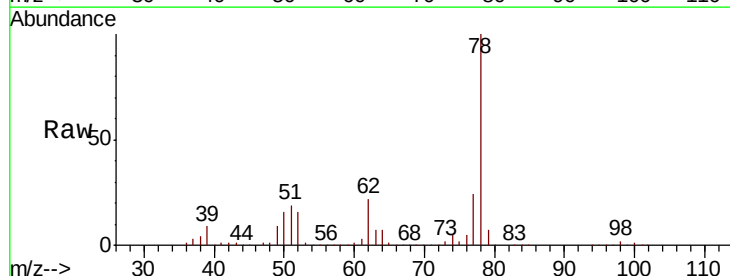


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

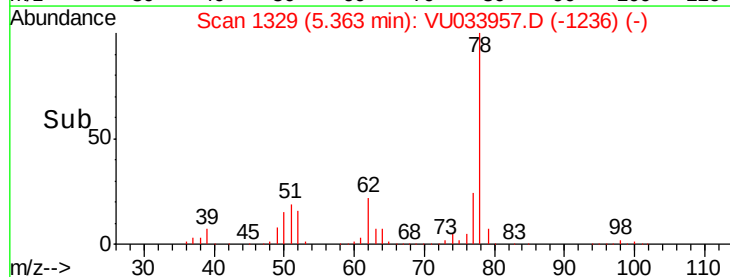
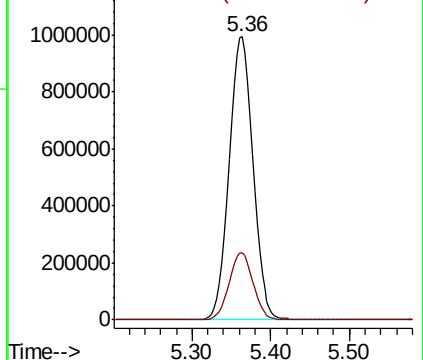


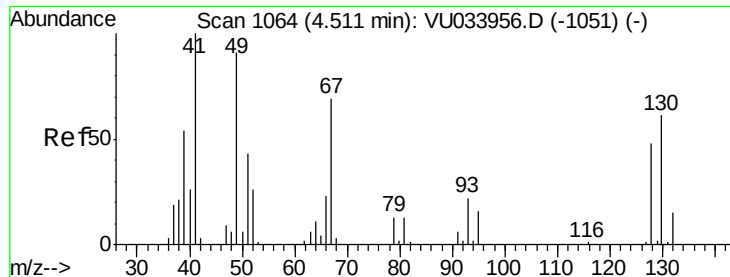
#40
Benzene
Concen: 92.249 ug/l
RT: 5.36 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Tgt Ion: 78 Resp: 2084994
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

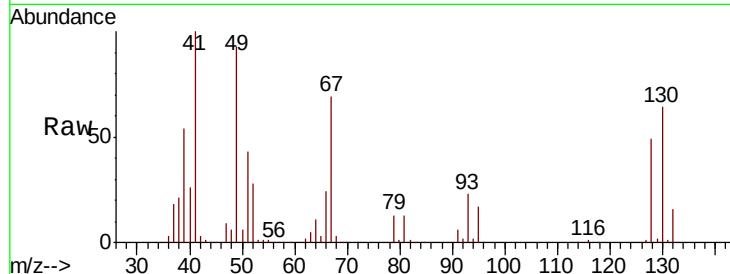




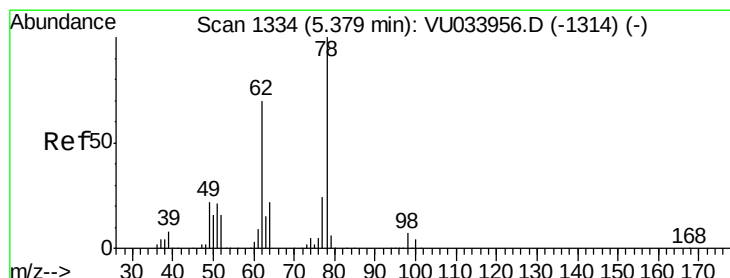
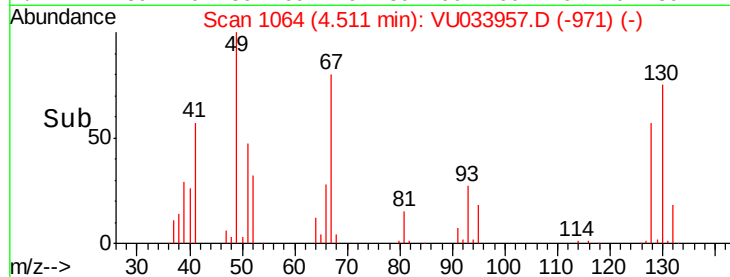
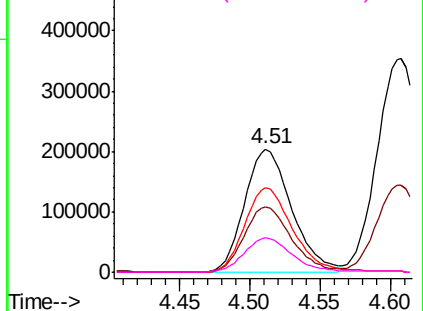
#41
Methacrylonitrile
Concen: 89.073 ug/l
RT: 4.51 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tot Ion: 41 Resp: 473652
Ion Ratio Lower Upper
41 100
39 53.1 43.3 64.9
67 71.0 57.5 86.3
52 28.3 22.6 34.0

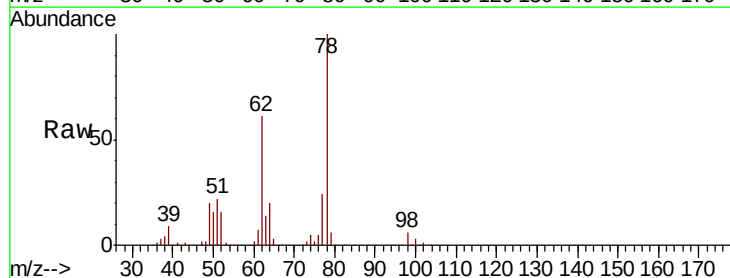


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

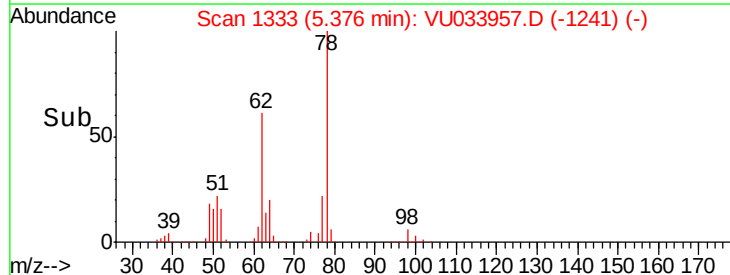
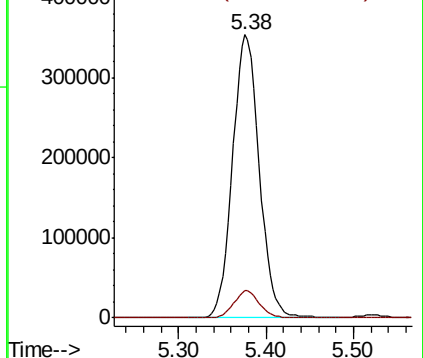


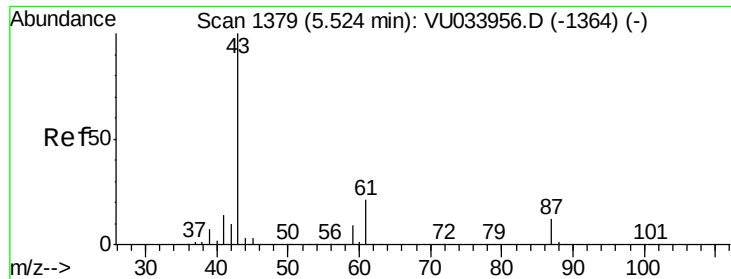
#42
1,2-Dichloroethane
Concen: 93.922 ug/l
RT: 5.38 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Tgt Ion: 62 Resp: 749139
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 86.852 ug/l

RT: 5.52 min Scan# 1379

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

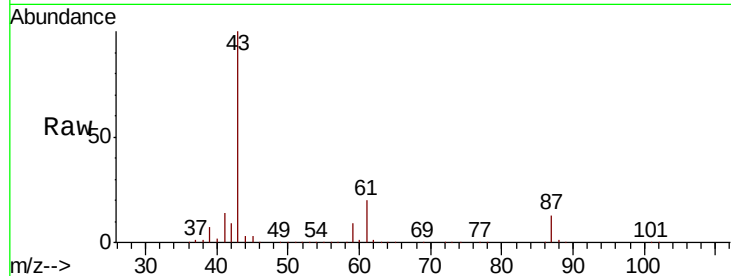
Tot Ion: 43 Resp: 1331384

Ion Ratio Lower Upper

43 100

61 20.3 16.1 24.1

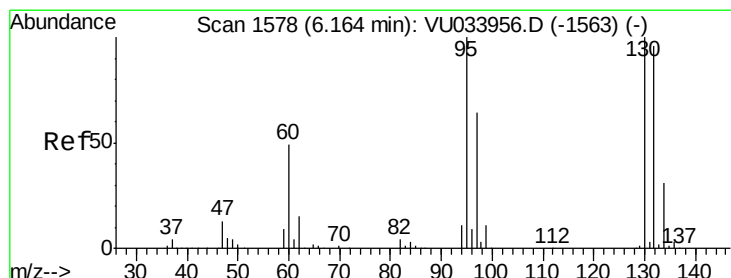
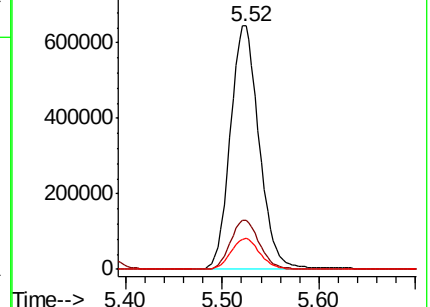
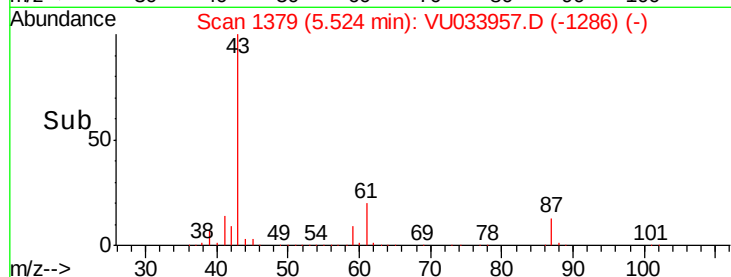
87 12.8 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-1364) (-)

Ion 61.00 (60.70 to 61.70): VU033956.D (-1364) (-)

Ion 87.00 (86.70 to 87.70): VU033956.D (-1364) (-)



#44

Trichloroethene

Concen: 101.780 ug/l

RT: 6.16 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VU033957.D

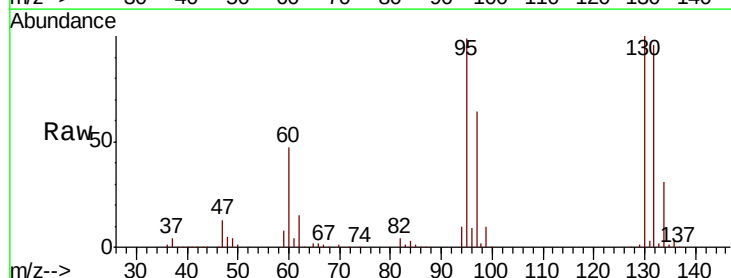
Acq: 26 Aug 2019 18:14

Tgt Ion:130 Resp: 523093

Ion Ratio Lower Upper

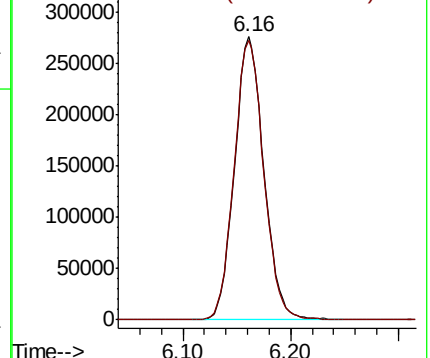
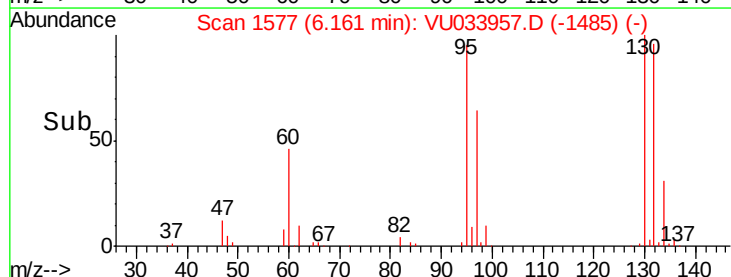
130 100

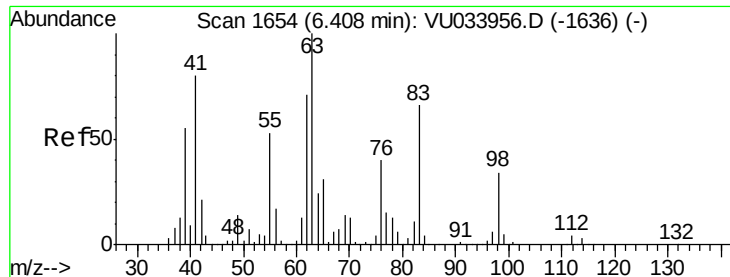
95 98.8 0.0 200.4



Abundance Ion 129.80 (129.50 to 130.50): VU033956.D (-1563) (-)

Ion 94.90 (94.60 to 95.60): VU033956.D (-1563) (-)

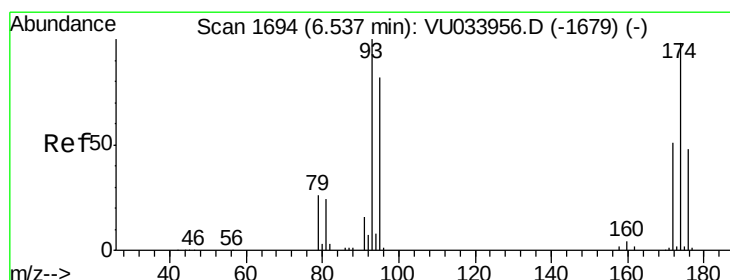
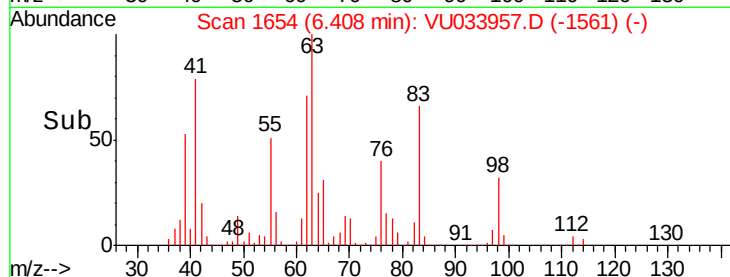
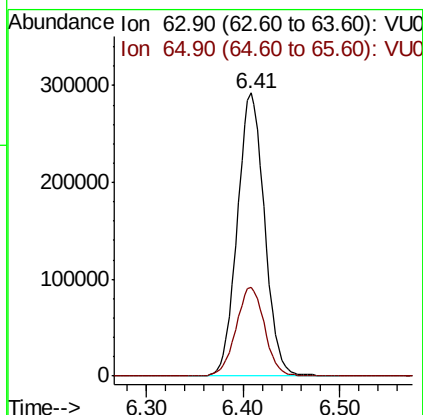
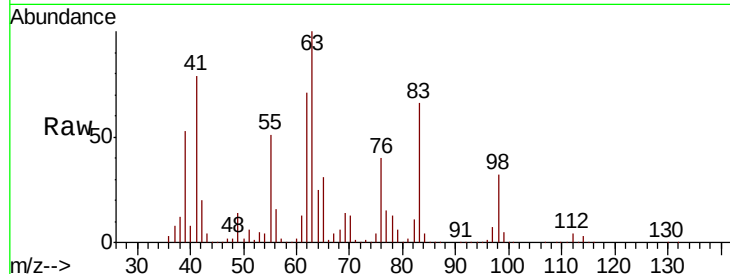




#45
 1,2-Dichloropropane
 Concen: 90.583 ug/l
 RT: 6.41 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

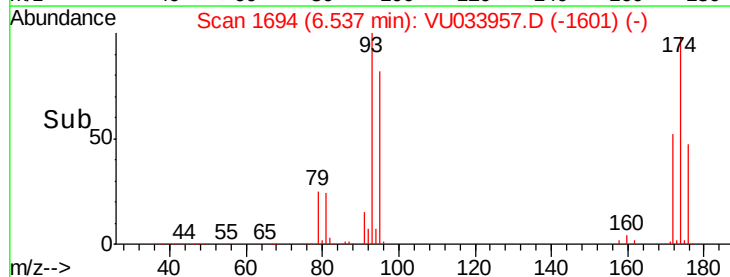
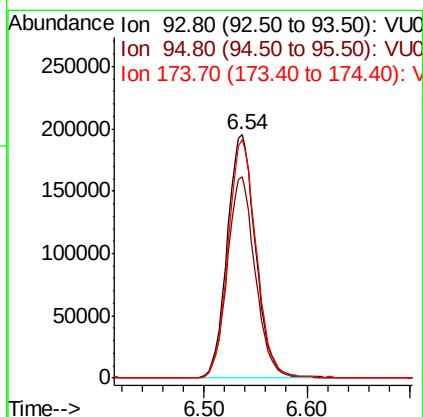
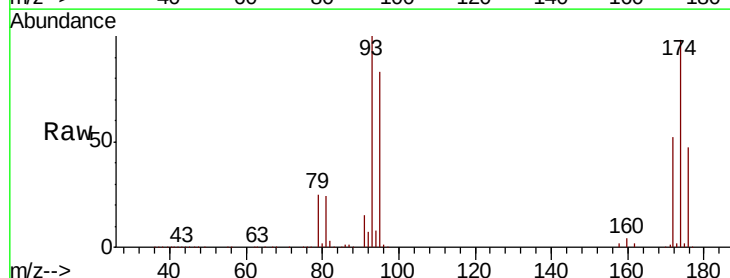
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

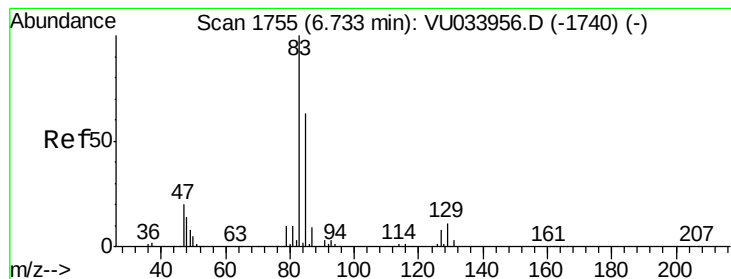
Tot Ion: 63 Resp: 571165
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4



#46
 Dibromomethane
 Concen: 98.602 ug/l
 RT: 6.54 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Tgt Ion: 93 Resp: 374592
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.3 100.9
 174 97.1 79.7 119.5





#47

Bromodichloromethane

Concen: 99.800 ug/l

RT: 6.73 min Scan# 1755

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

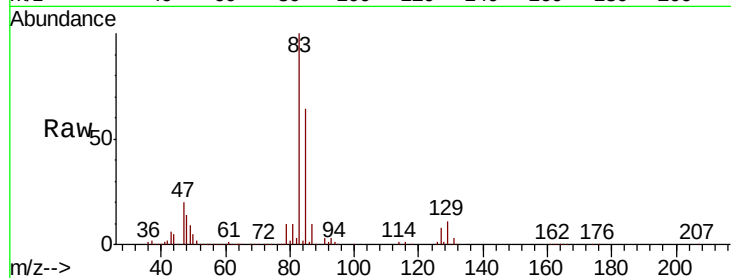
Tot Ion: 83 Resp: 744327

Ion Ratio Lower Upper

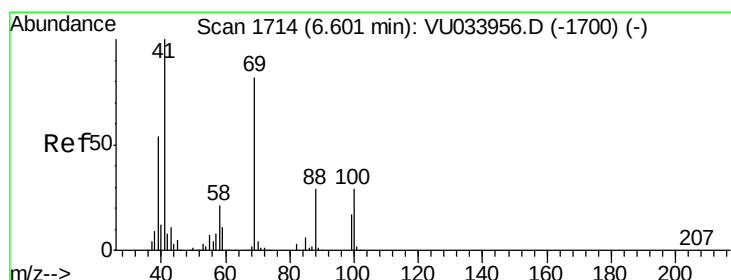
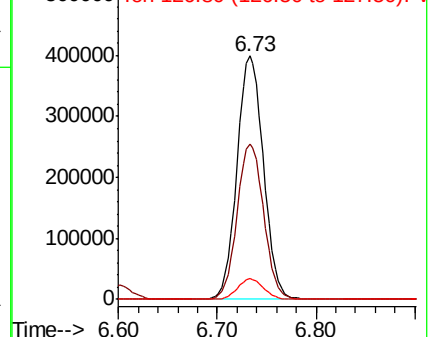
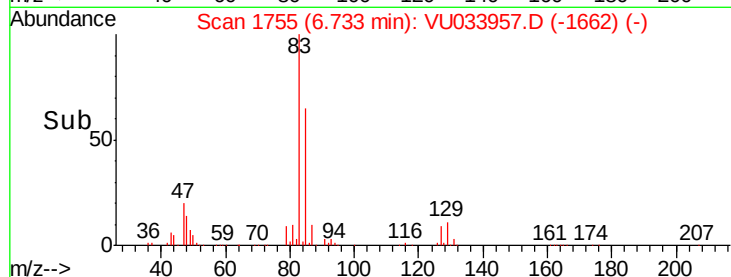
83 100

85 64.0 50.5 75.7

127 8.4 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU033957.D (-1662) (-)



#48

Methyl methacrylate

Concen: 86.523 ug/l

RT: 6.60 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

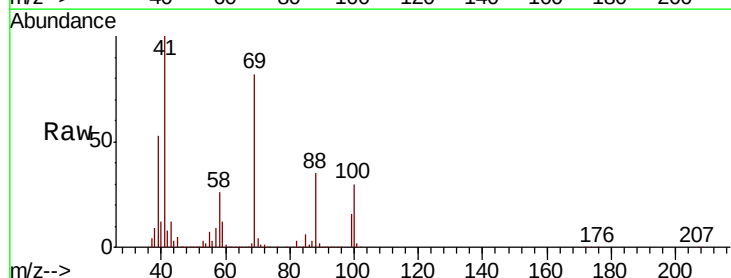
Tgt Ion: 41 Resp: 655340

Ion Ratio Lower Upper

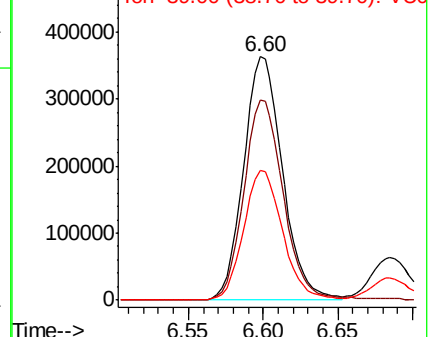
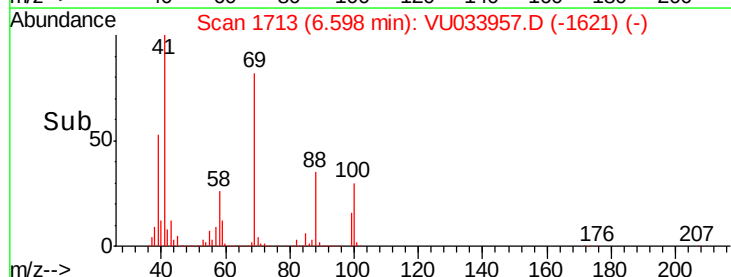
41 100

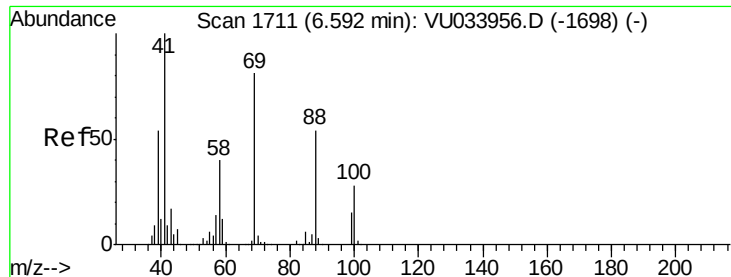
69 84.1 66.9 100.3

39 53.3 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VU033957.D (-1621) (-)

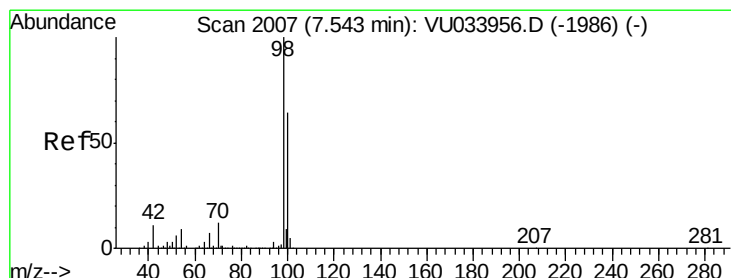
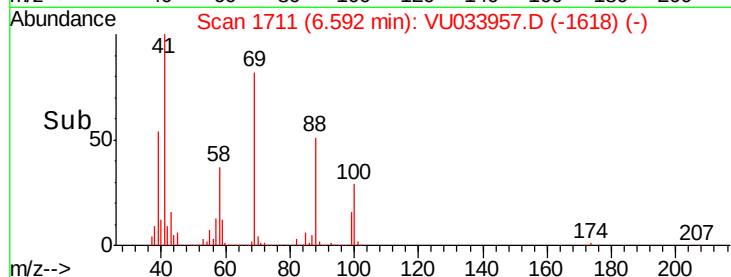
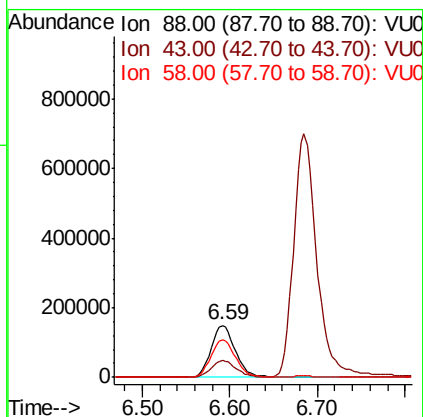
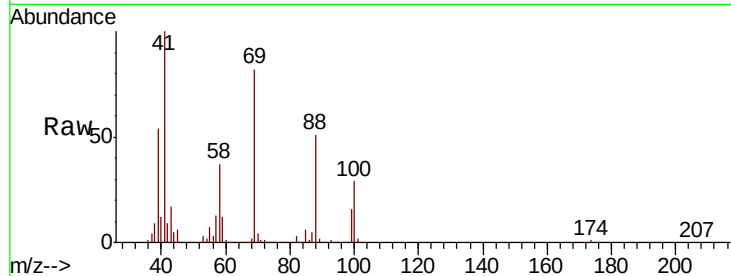




#49
1,4-Dioxane
Concen: 2237.579 ug/l
RT: 6.59 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

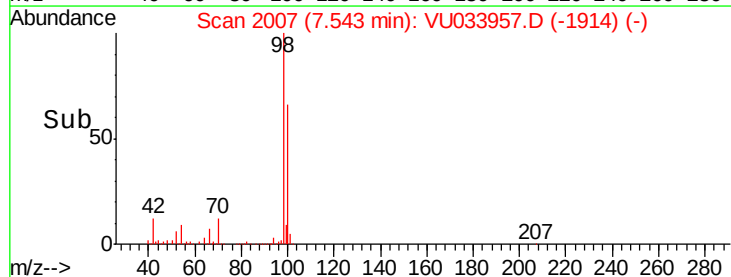
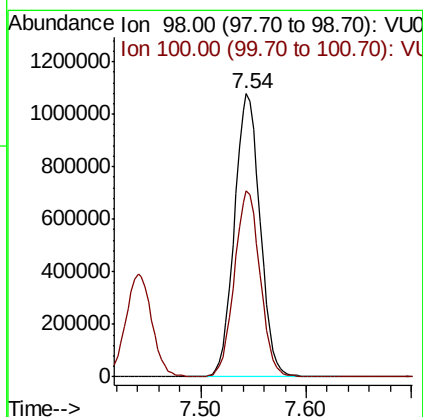
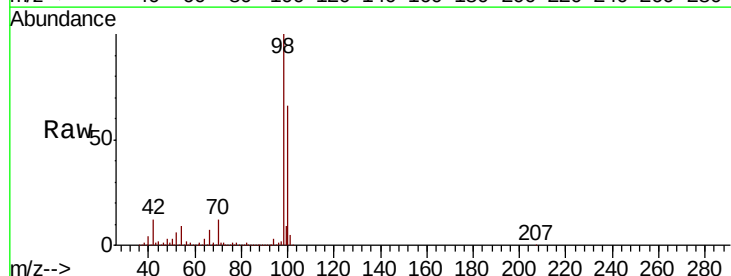
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

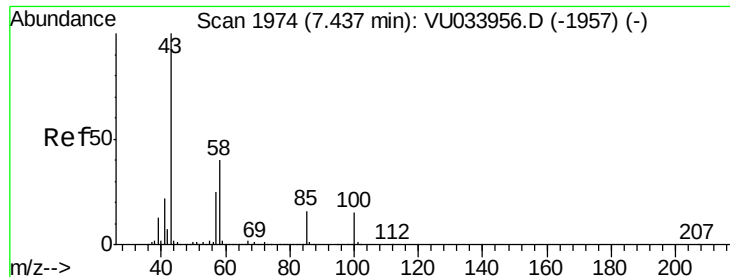
Tot Ion: 88 Resp: 283352
Ion Ratio Lower Upper
88 100
43 33.5 27.2 40.8
58 74.2 59.3 88.9



#50
Toluene-d8
Concen: 103.603 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Tgt Ion: 98 Resp: 1817314
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 465.698 ug/l

RT: 7.44 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

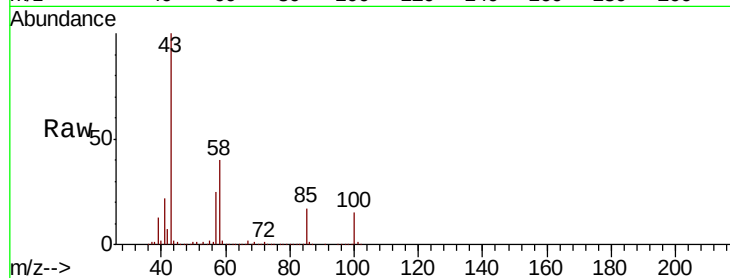
VSTDIC100

Tot Ion: 43 Resp: 4563480

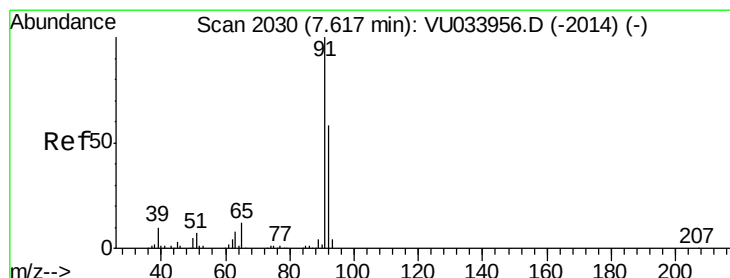
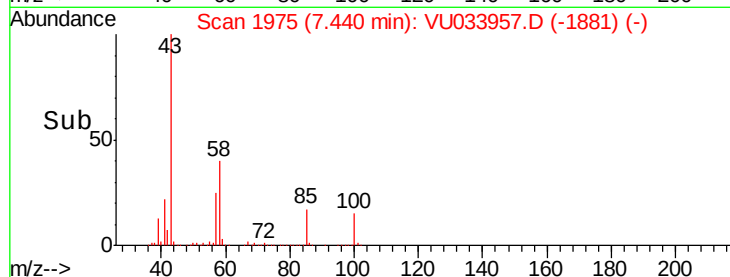
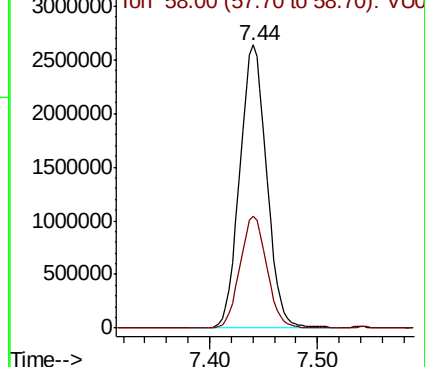
Ion Ratio Lower Upper

43 100

58 39.7 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VU033956.D (-1957) (-)



#52

Toluene

Concen: 95.019 ug/l

RT: 7.61 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VU033957.D

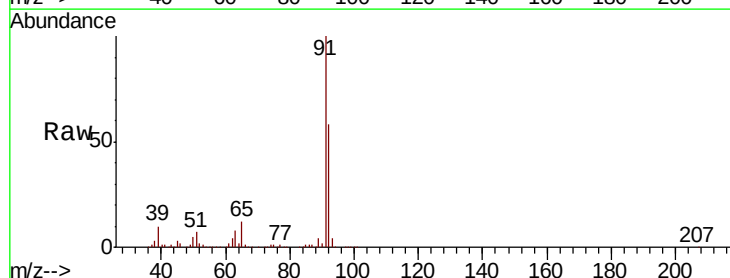
Acq: 26 Aug 2019 18:14

Tgt Ion: 92 Resp: 1268617

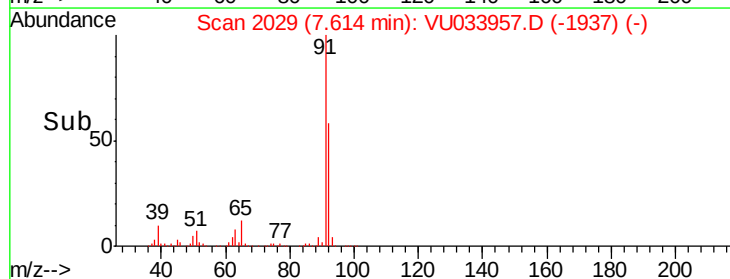
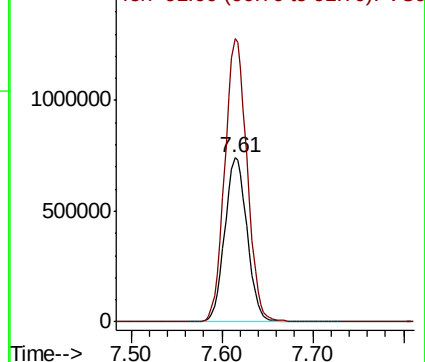
Ion Ratio Lower Upper

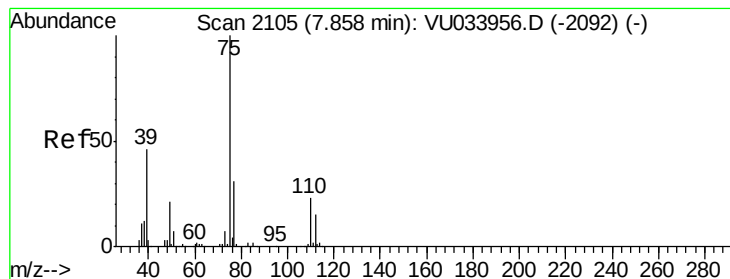
92 100

91 171.9 137.5 206.3



Abundance Ion 92.00 (91.70 to 92.70): VU033956.D (-2014) (-)





#53

t-1,3-Dichloropropene

Concen: 99.944 ug/l

RT: 7.86 min Scan# 2105

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

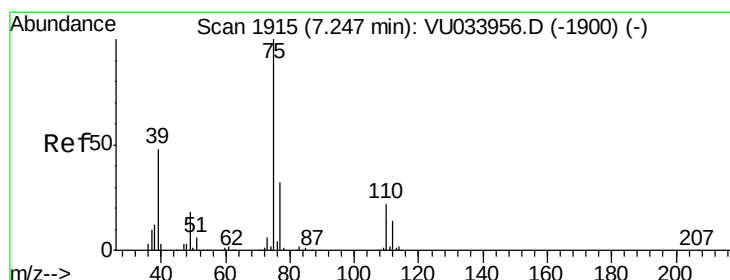
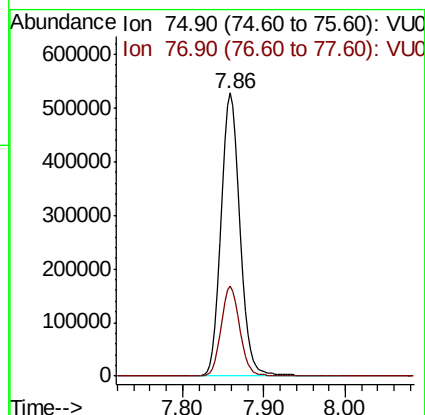
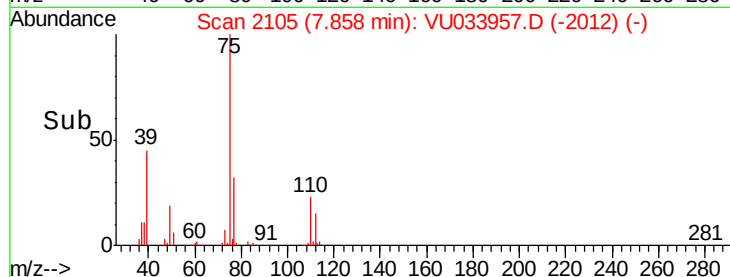
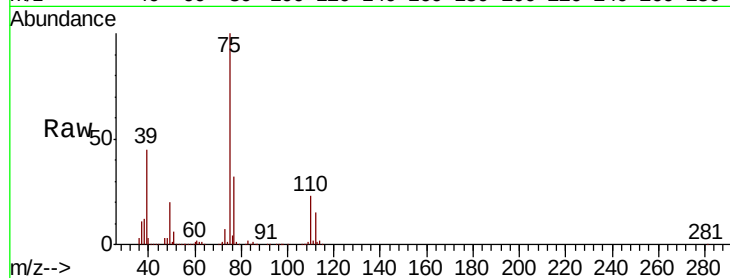
VSTDIC100

Tot Ion: 75 Resp: 875284

Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 97.810 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

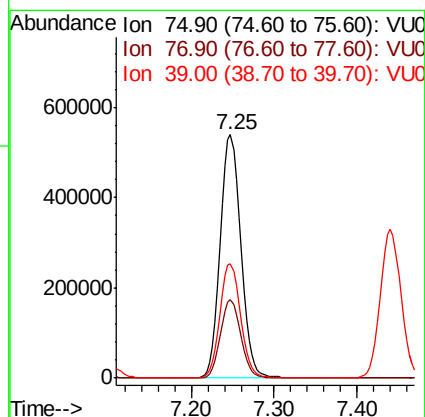
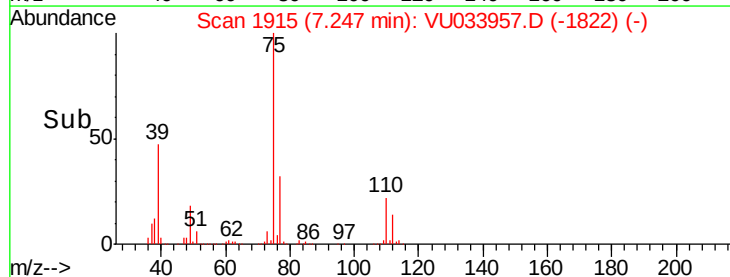
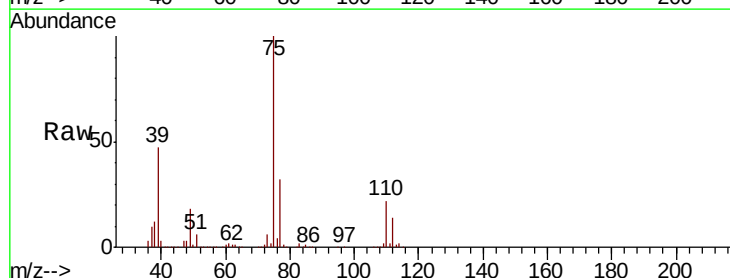
Tgt Ion: 75 Resp: 930474

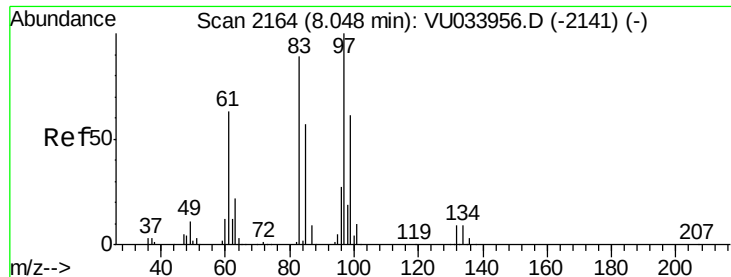
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 47.0 38.3 57.5

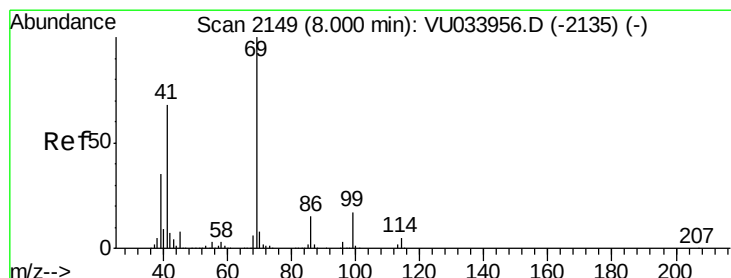
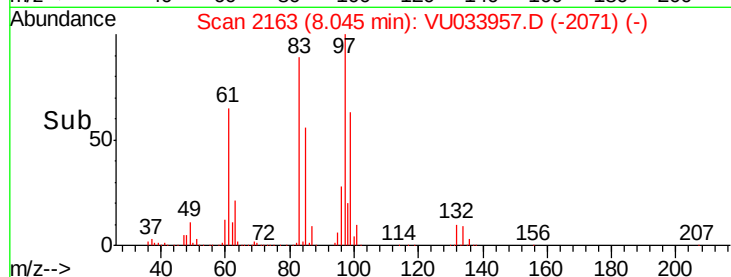
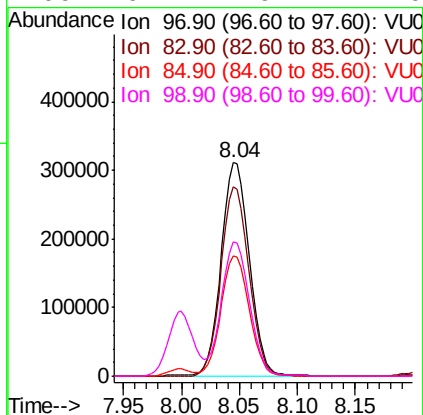
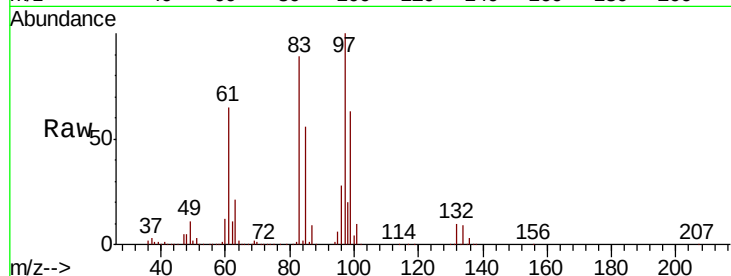




#55
 1,1,2-Trichloroethane
 Concen: 98.183 ug/l
 RT: 8.04 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

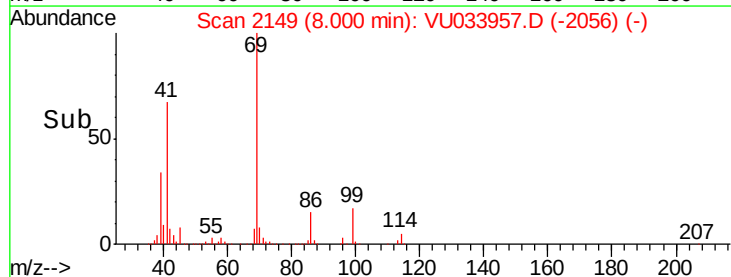
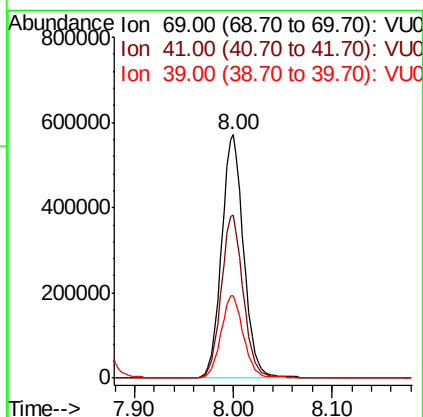
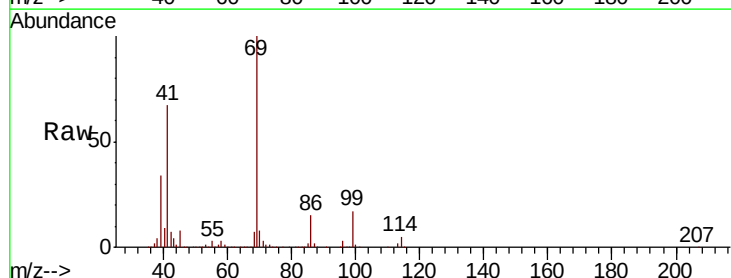
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

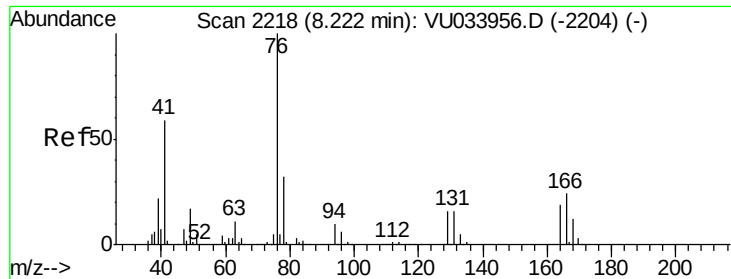
Tot Ion:	97	Resp:	521364
Ion	Ratio	Lower	Upper
97	100		
83	89.0	71.0	106.4
85	56.5	45.5	68.3
99	62.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 101.005 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Tgt Ion:	69	Resp:	900228
Ion	Ratio	Lower	Upper
69	100		
41	66.7	54.1	81.1
39	34.1	28.1	42.1

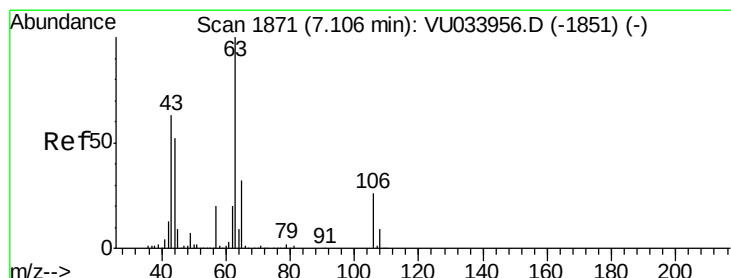
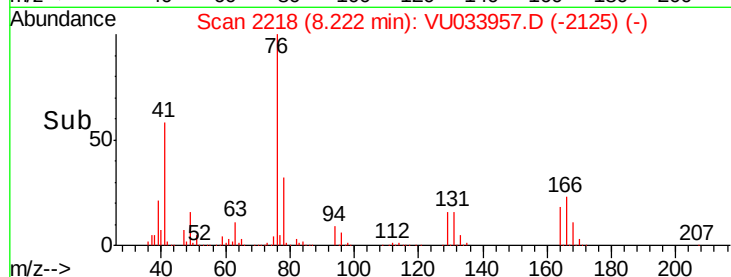
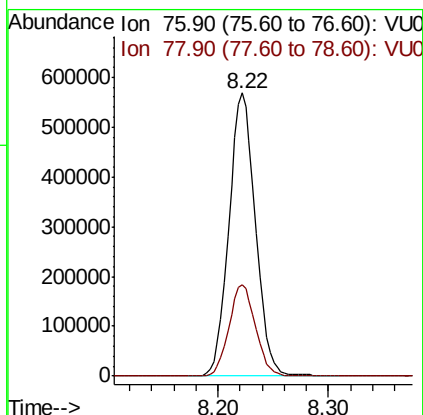
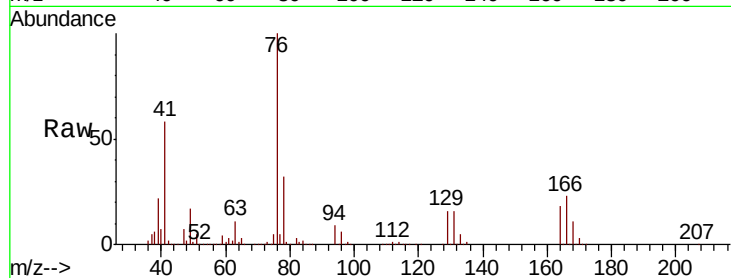




#57
 1,3-Dichloropropane
 Concen: 96.238 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

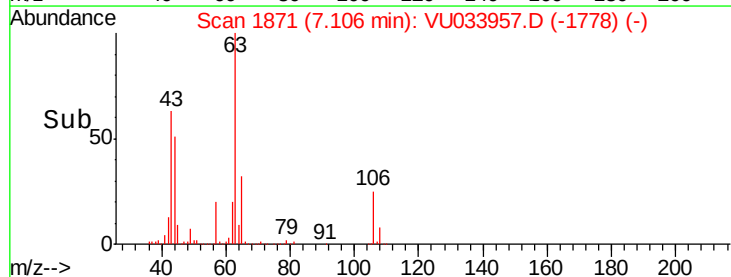
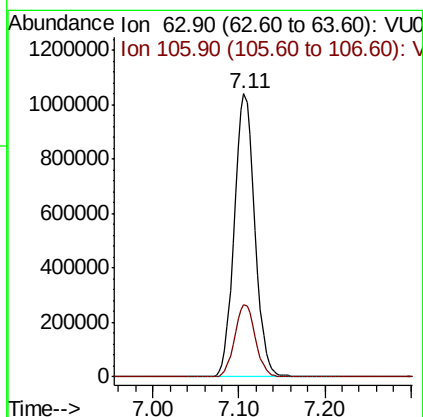
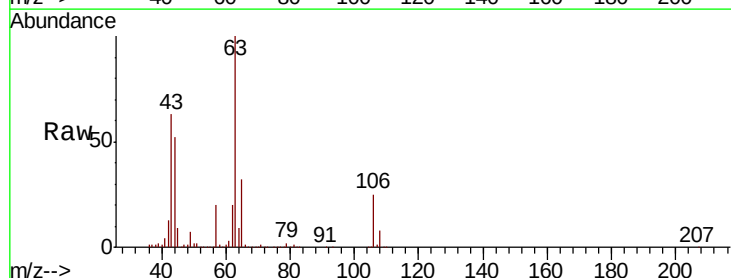
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

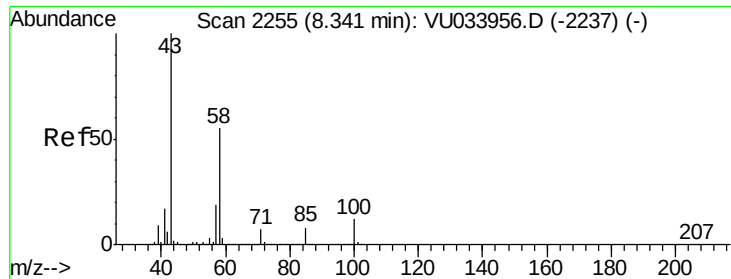
Tot Ion: 76 Resp: 946669
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 392.323 ug/l
 RT: 7.11 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Tgt Ion: 63 Resp: 1718987
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.8 31.2

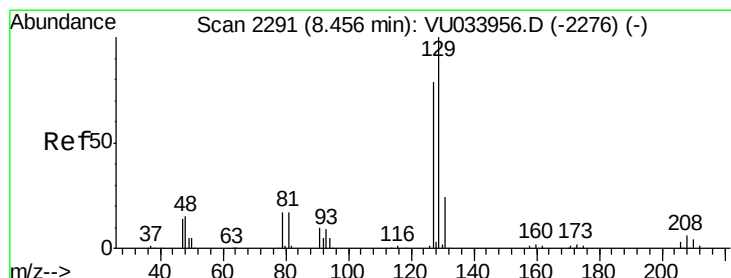
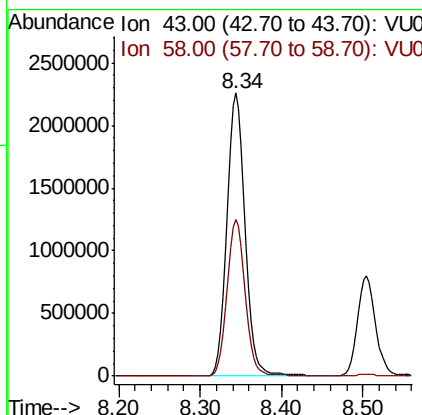
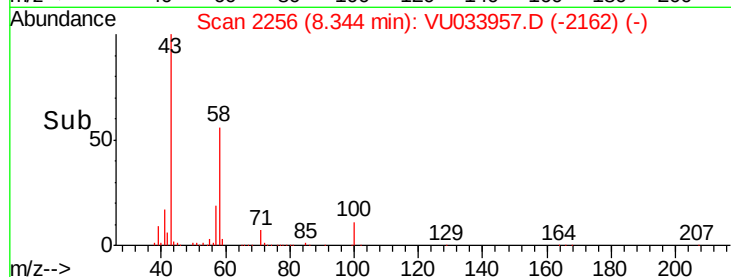
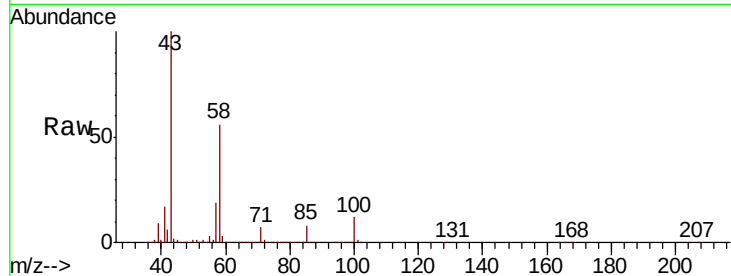




#59
2-Hexanone
Concen: 463.256 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

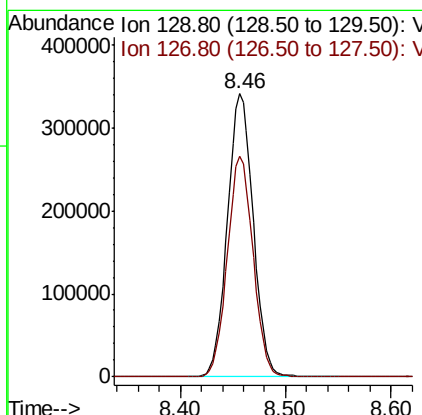
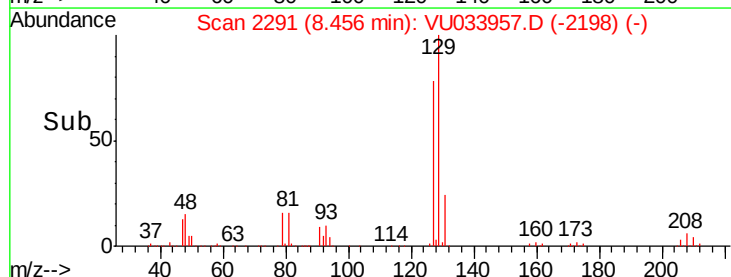
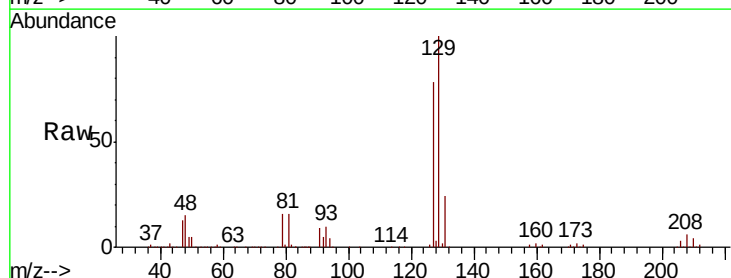
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

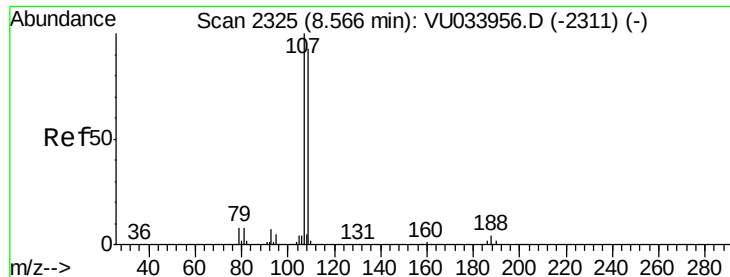
Tot Ion: 43 Resp: 3590479
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.9



#60
Dibromochloromethane
Concen: 108.799 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Tgt Ion: 129 Resp: 576333
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 102.569 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

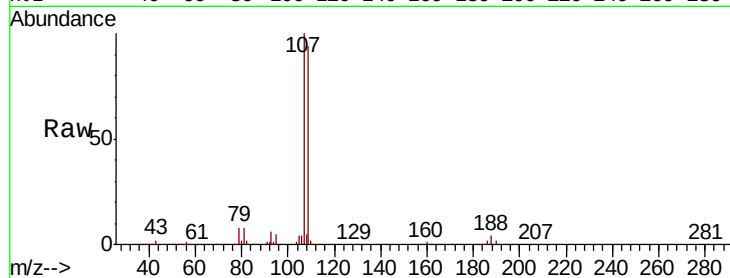
VSTDIC100

Tot Ion:107 Resp: 573102

Ion Ratio Lower Upper

107 100

109 94.0 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57

400000

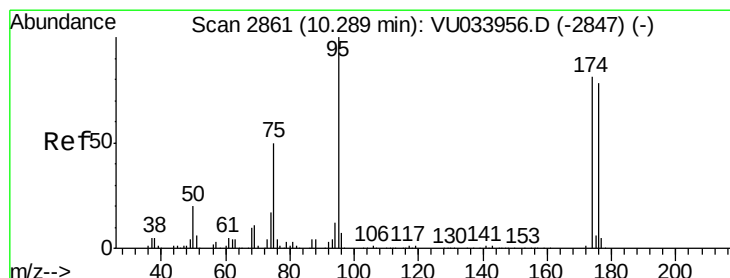
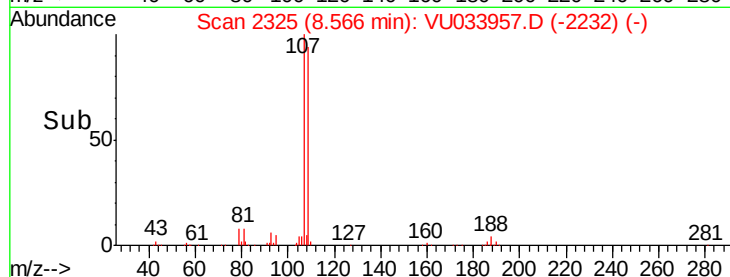
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 107.852 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

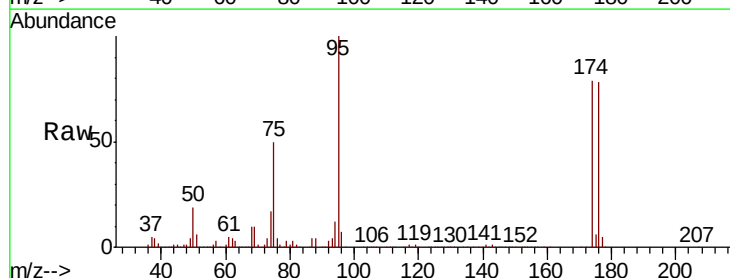
Tgt Ion: 95 Resp: 707327

Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.4

176 77.6 0.0 154.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

500000

400000

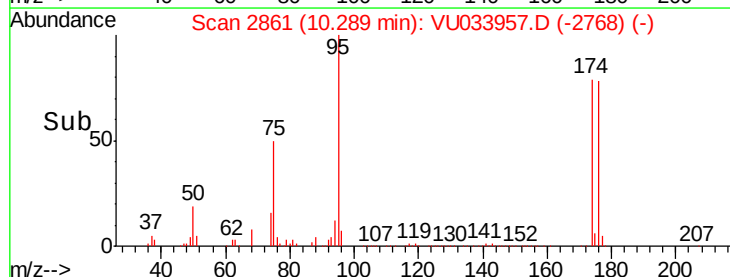
300000

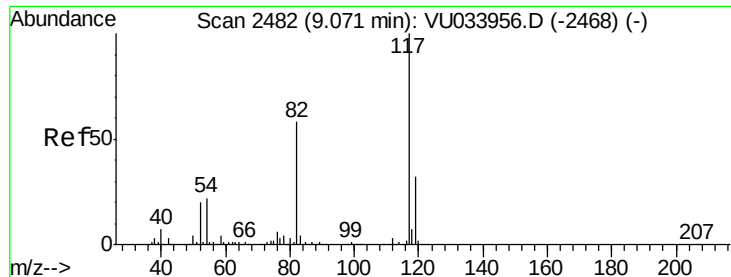
200000

100000

0

Time-->

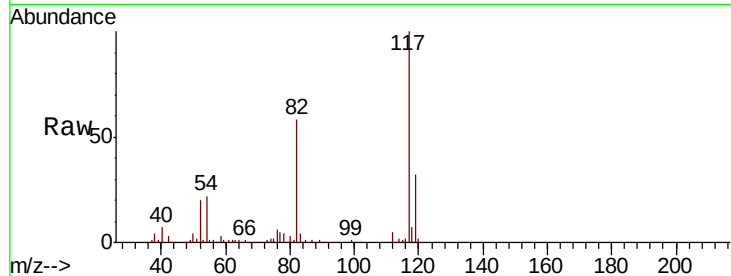




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.4	69.6
119	32.2	25.3	37.9

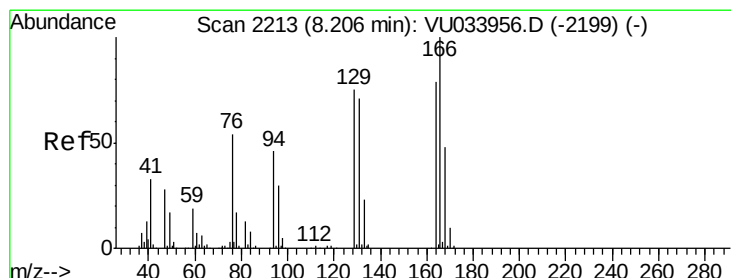
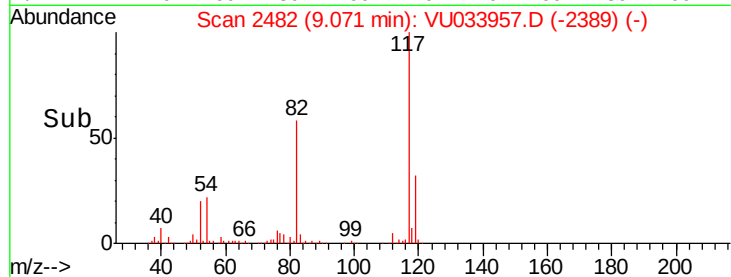
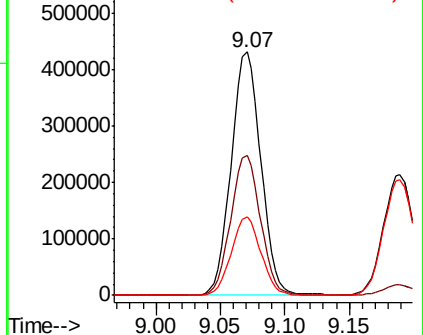


Abundance

Ion 116.90 (116.60 to 117.60): V

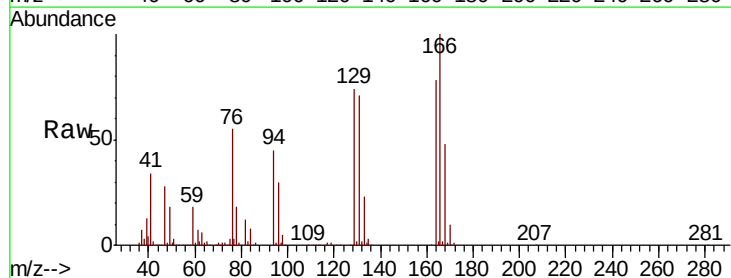
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 95.963 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	101.4	152.2
129	94.1	76.6	114.8
131	89.9	72.2	108.4



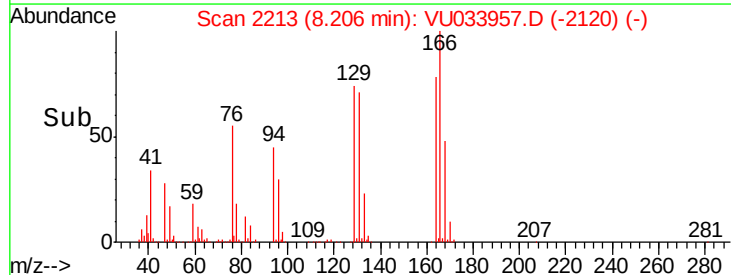
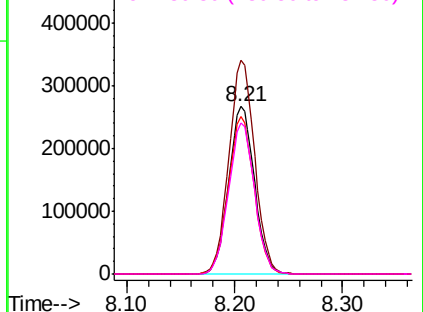
Abundance

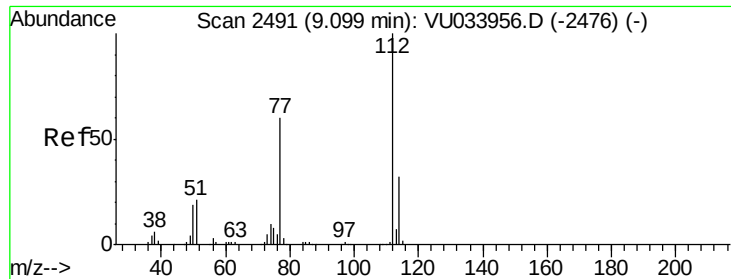
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

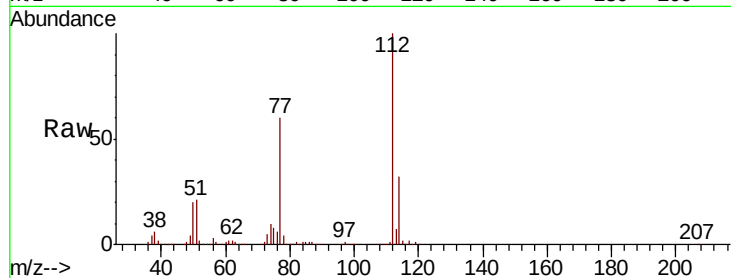




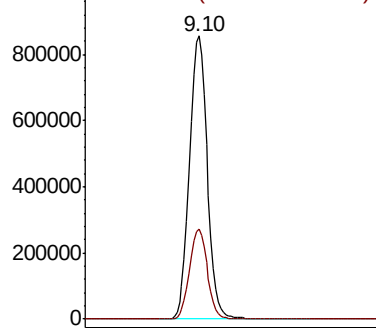
#65
Chlorobenzene
Concen: 95.026 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

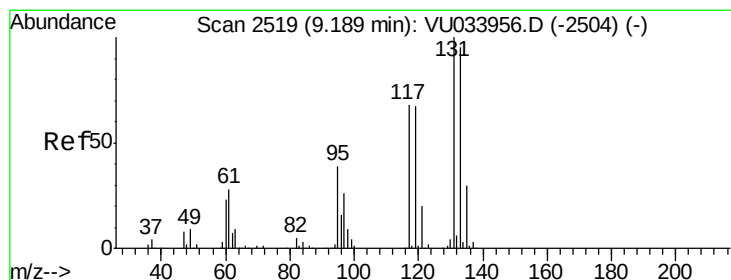
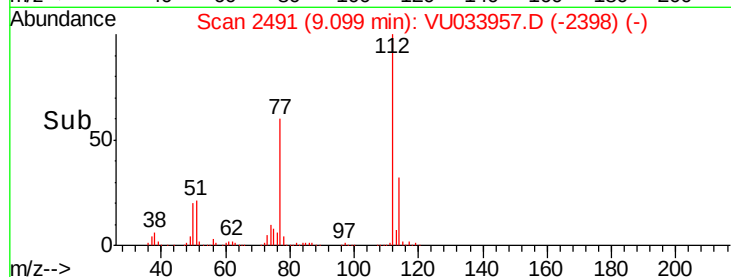
Tot Ion:112 Resp: 1388917
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

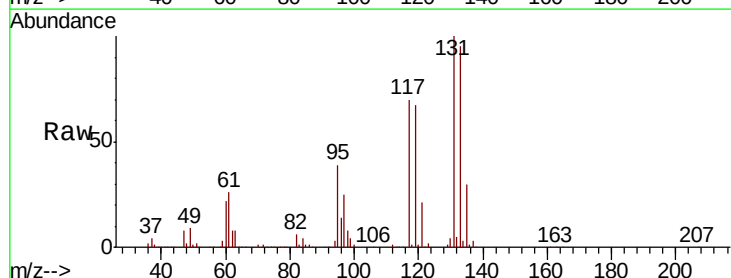


Time-->

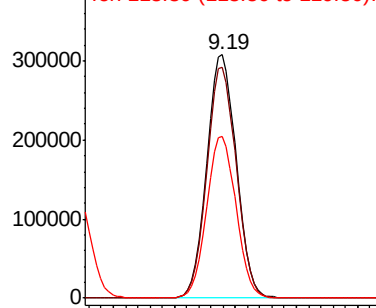


#66
1,1,1,2-Tetrachloroethane
Concen: 108.350 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

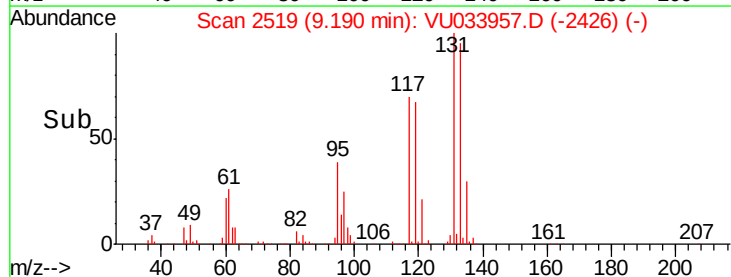
Tgt Ion:131 Resp: 515130
Ion Ratio Lower Upper
131 100
133 94.9 47.7 143.1
119 66.6 33.3 99.8

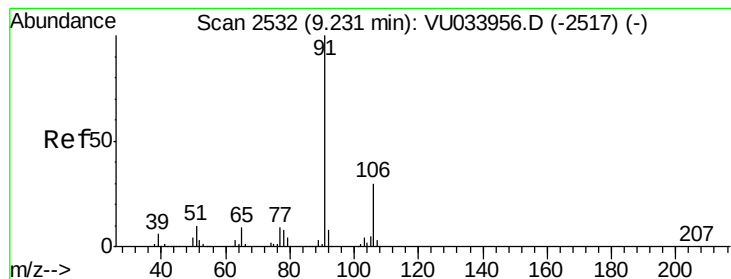


Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 93.284 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

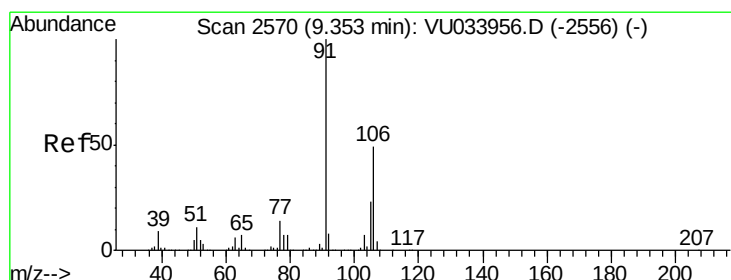
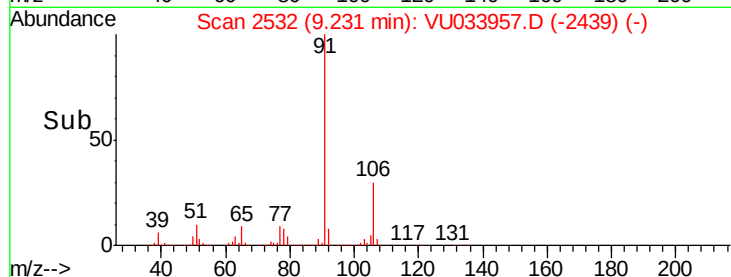
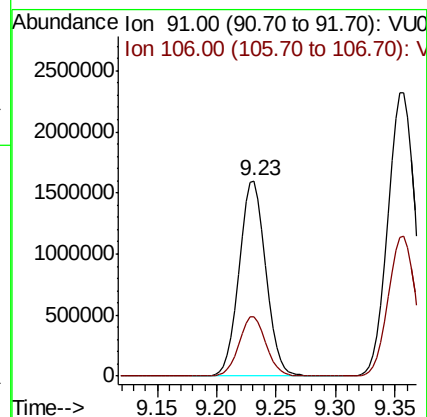
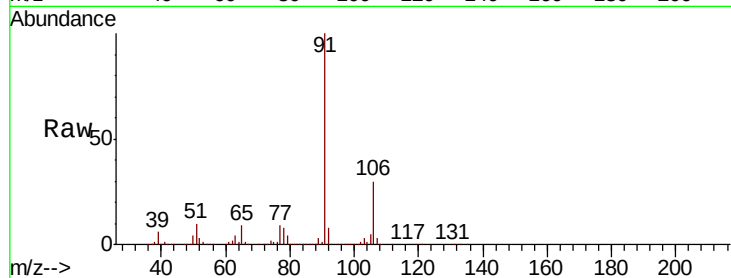
VSTDIC100

Tot Ion: 91 Resp: 2489012

Ion Ratio Lower Upper

91 100

106 30.5 24.3 36.5



#68

m/p-Xylenes

Concen: 192.837 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU033957.D

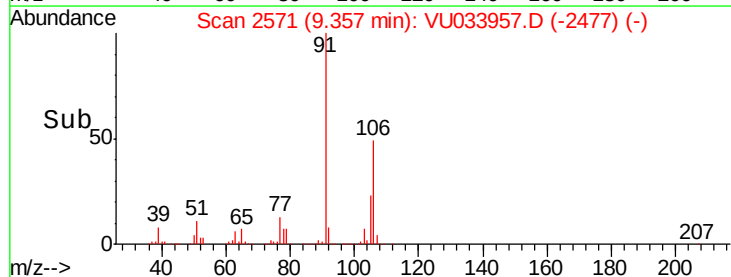
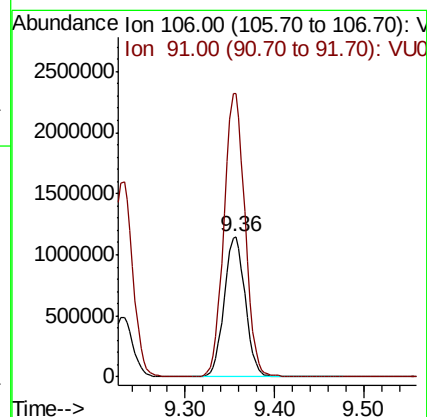
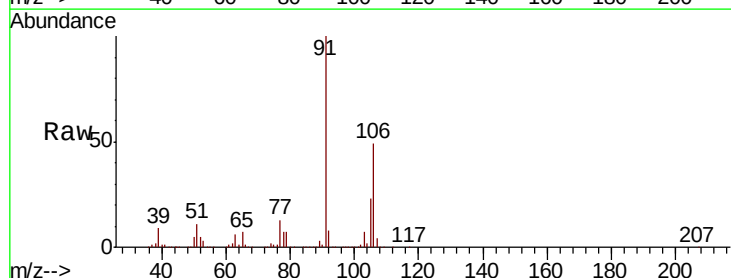
Acq: 26 Aug 2019 18:14

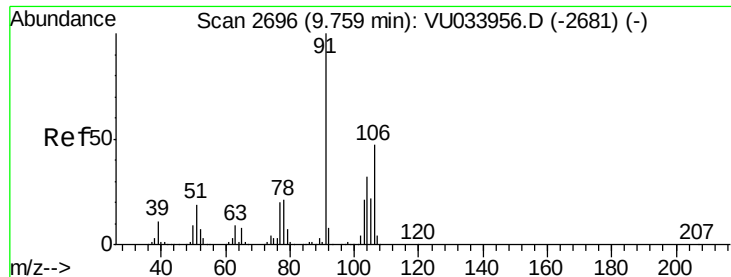
Tgt Ion: 106 Resp: 1876914

Ion Ratio Lower Upper

106 100

91 202.5 163.8 245.6

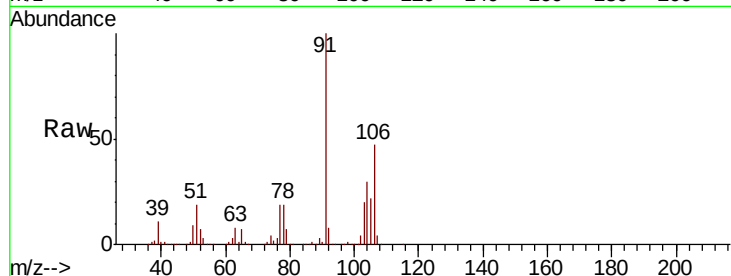




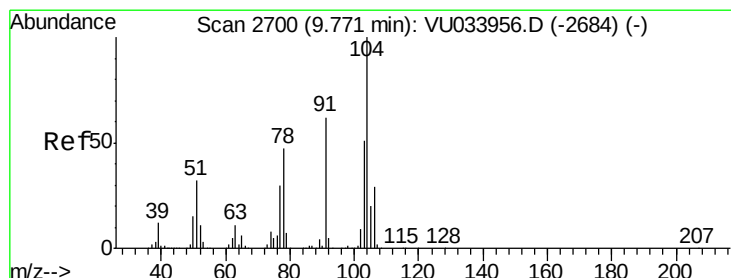
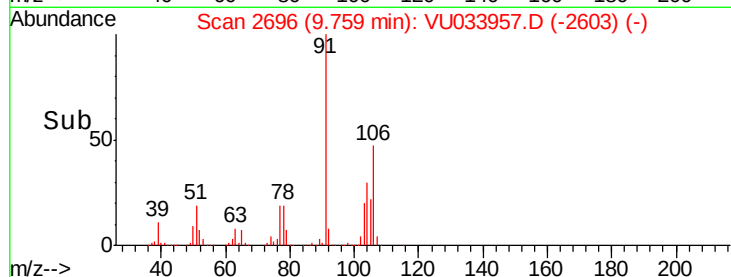
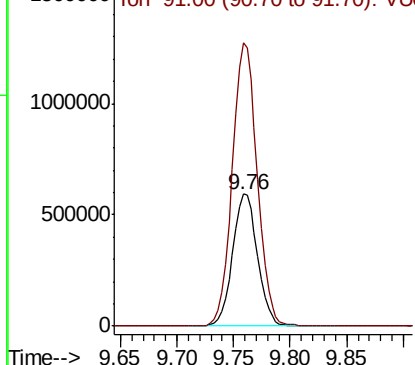
#69
o-Xylene
Concen: 96.319 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 908611
Ion Ratio Lower Upper
106 100
91 214.4 106.9 320.7

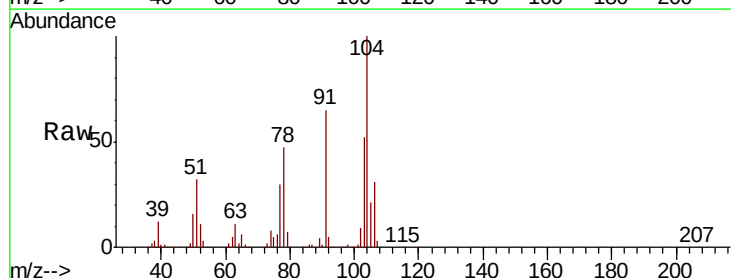


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

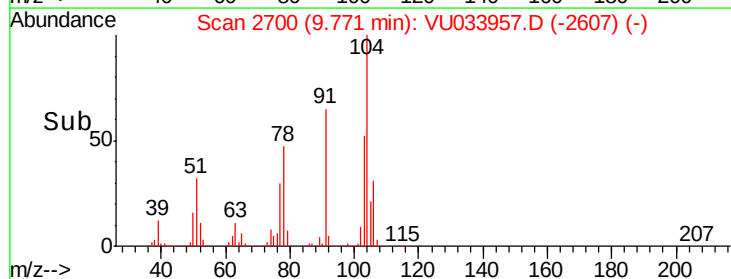
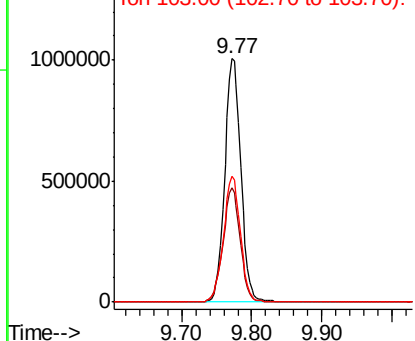


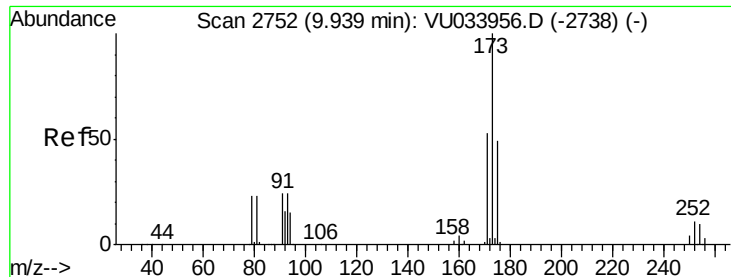
#70
Styrene
Concen: 102.238 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Tgt Ion:104 Resp: 1615150
Ion Ratio Lower Upper
104 100
78 49.7 40.4 60.6
103 54.2 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 114.059 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

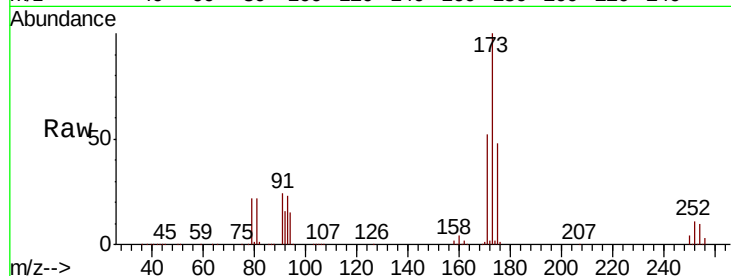
Tot Ion:173 Resp: 461199

Ion Ratio Lower Upper

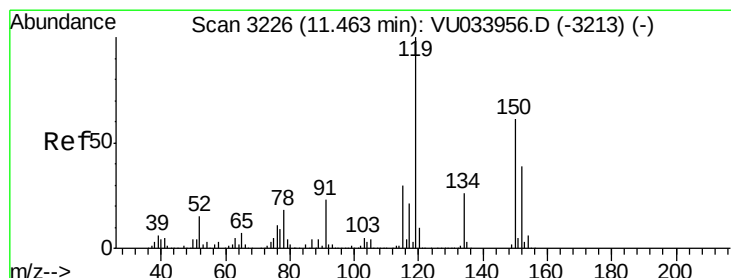
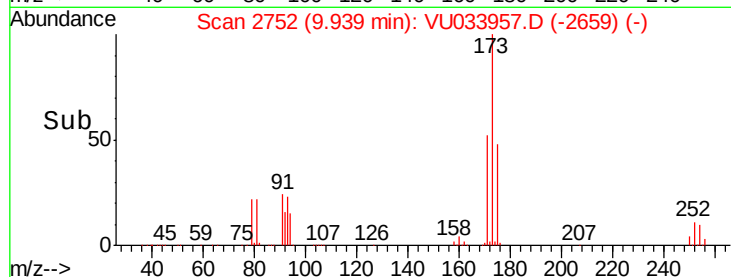
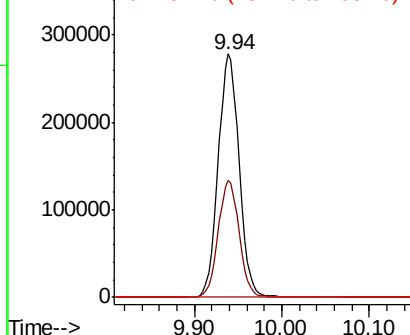
173 100

175 48.1 24.8 74.3

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

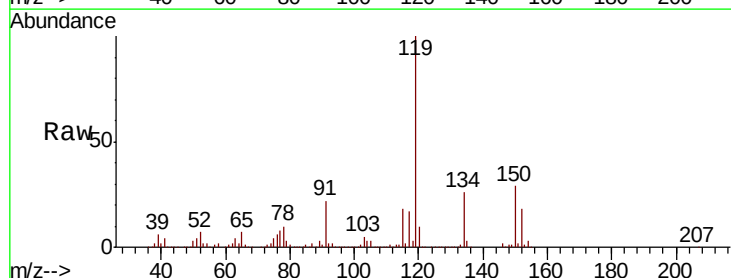
Tgt Ion:152 Resp: 376615

Ion Ratio Lower Upper

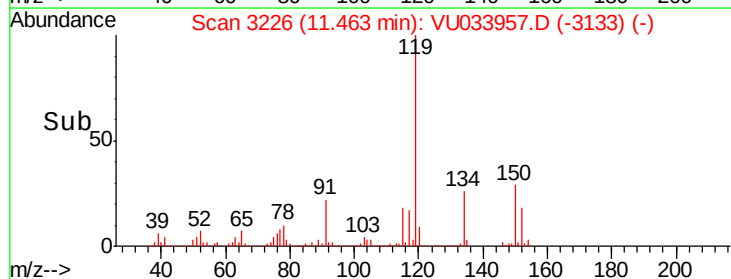
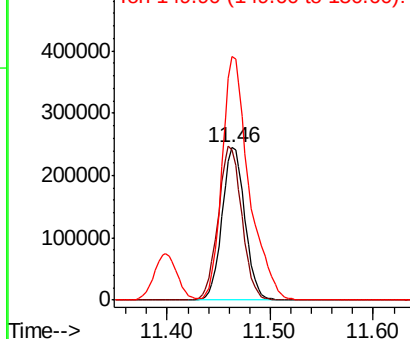
152 100

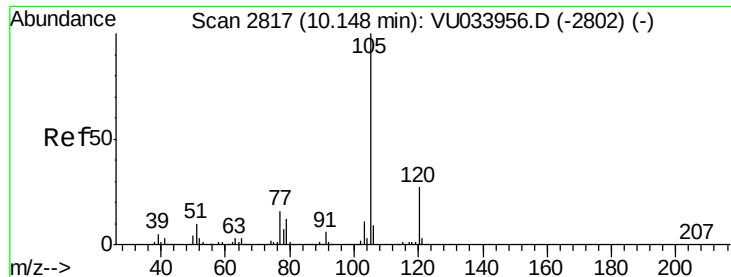
115 104.0 40.3 120.9

150 188.4 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 87.128 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

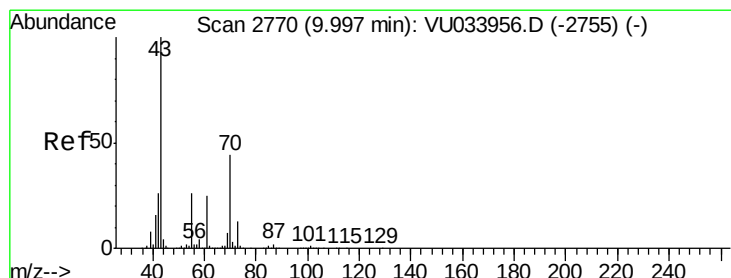
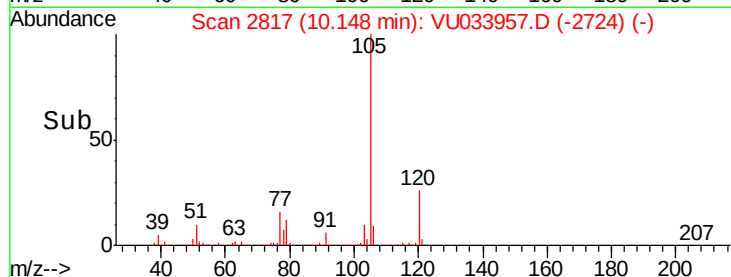
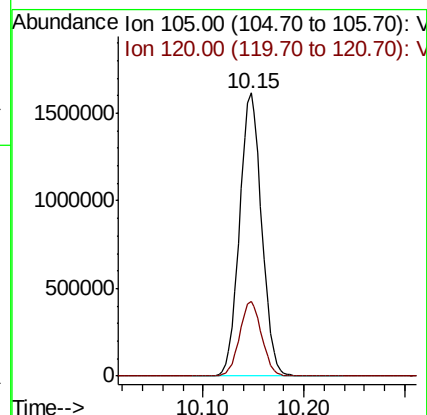
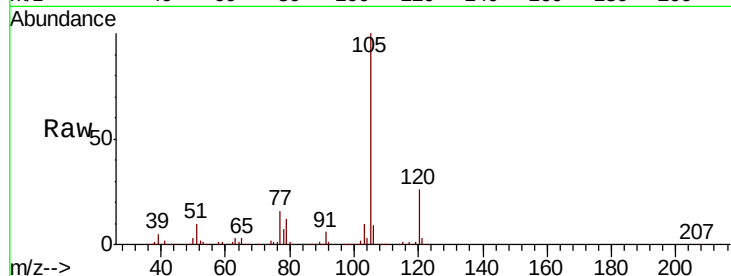
VSTDIC100

Tot Ion:105 Resp: 2464498

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 78.380 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Tgt Ion: 43 Resp: 1240136

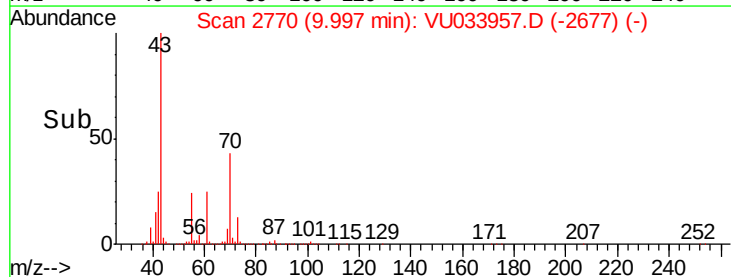
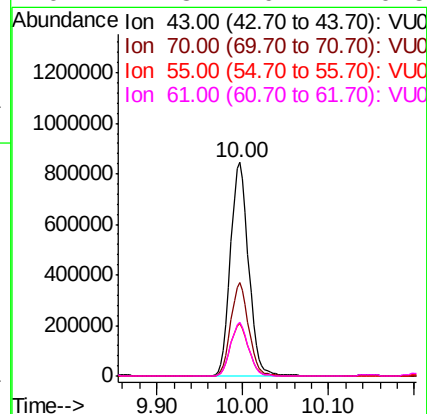
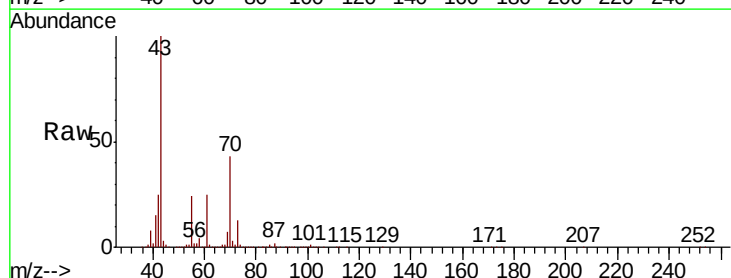
Ion Ratio Lower Upper

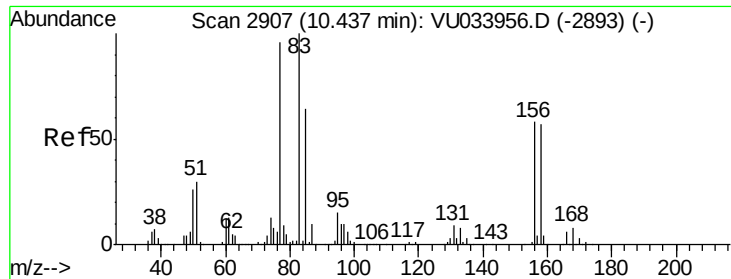
43 100

70 43.1 34.5 51.7

55 24.8 20.9 31.3

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 86.755 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

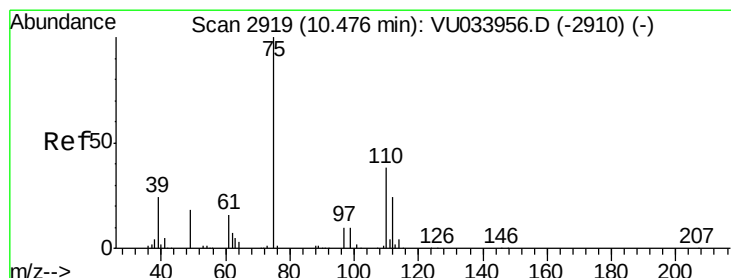
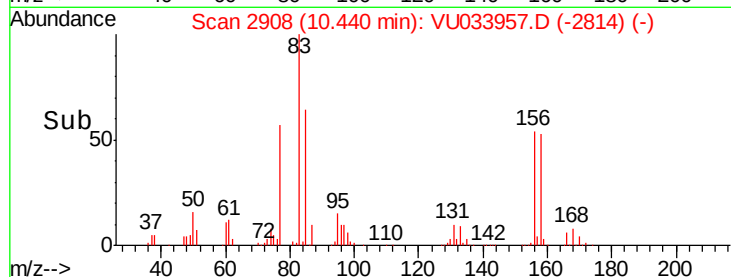
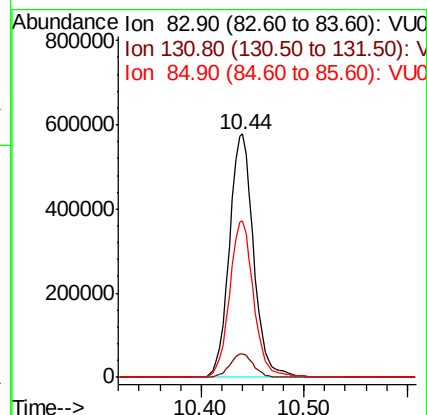
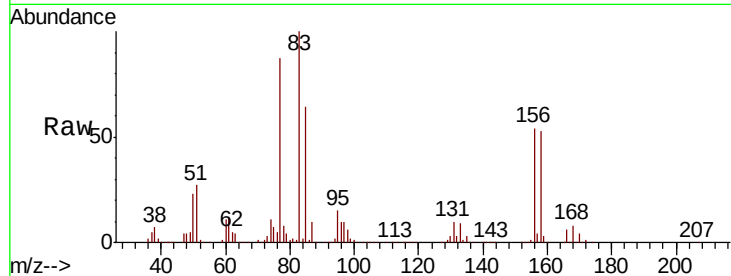
Tot Ion: 83 Resp: 941987

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

85 64.1 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 118.483 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU033957.D

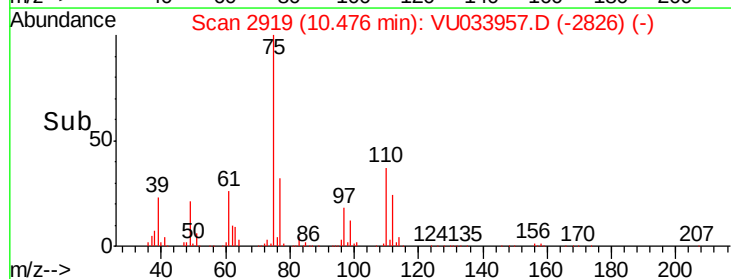
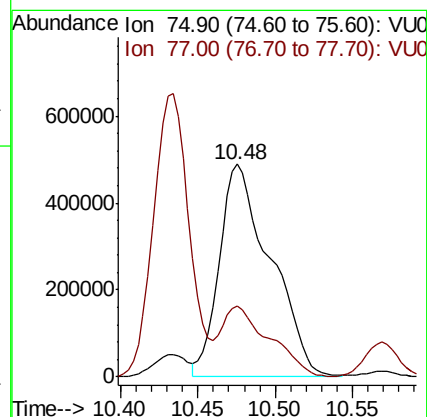
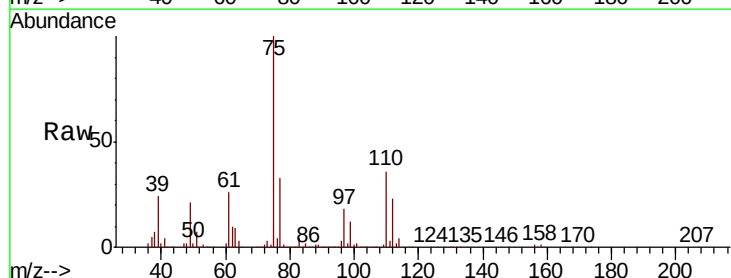
Acq: 26 Aug 2019 18:14

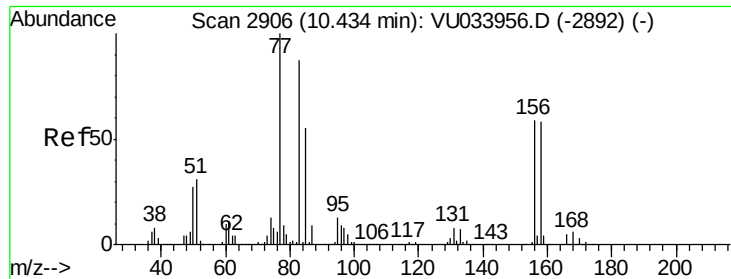
Tgt Ion: 75 Resp: 1118612

Ion Ratio Lower Upper

75 100

77 31.2 20.1 60.3





#77

Bromobenzene

Concen: 92.367 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

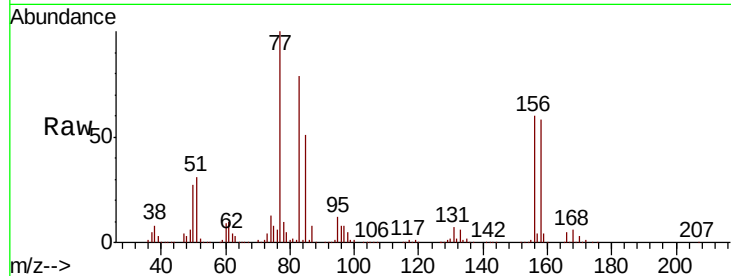
Tot Ion:156 Resp: 617084

Ion Ratio Lower Upper

156 100

77 170.3 85.3 255.8

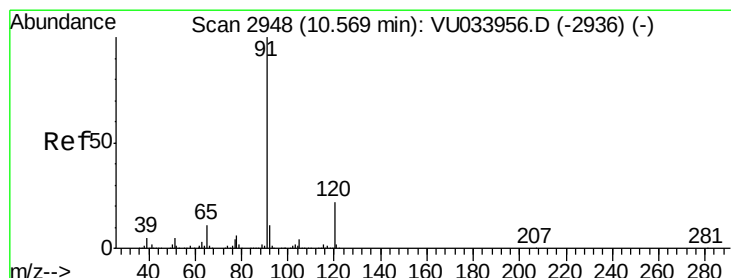
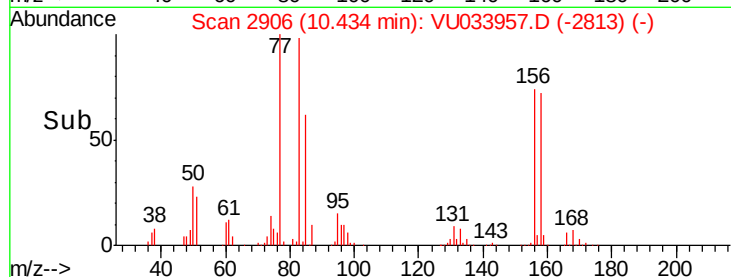
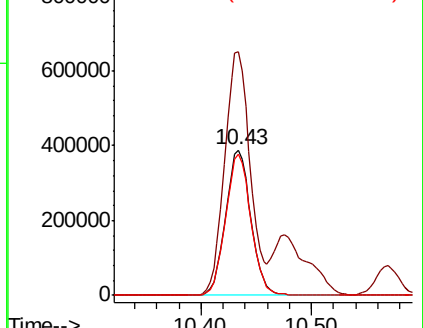
158 97.4 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 84.842 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU033957.D

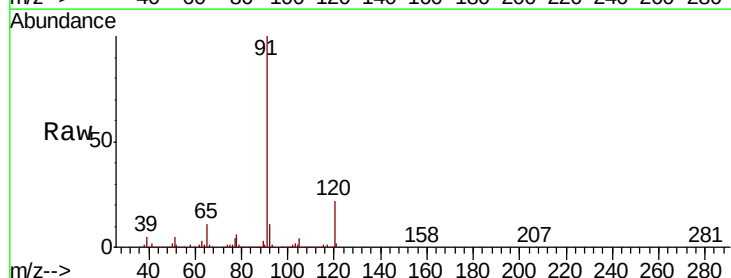
Acq: 26 Aug 2019 18:14

Tgt Ion: 91 Resp: 2967598

Ion Ratio Lower Upper

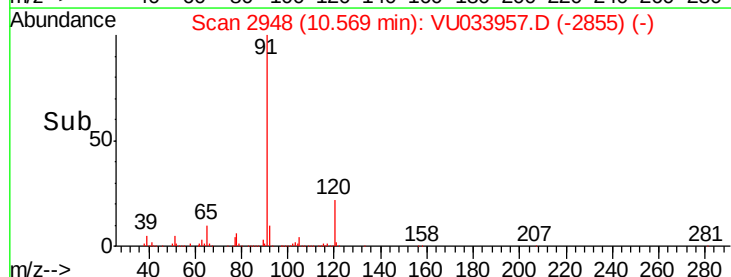
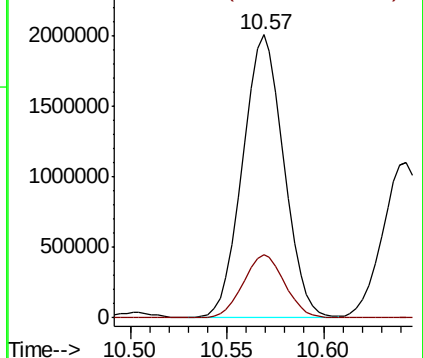
91 100

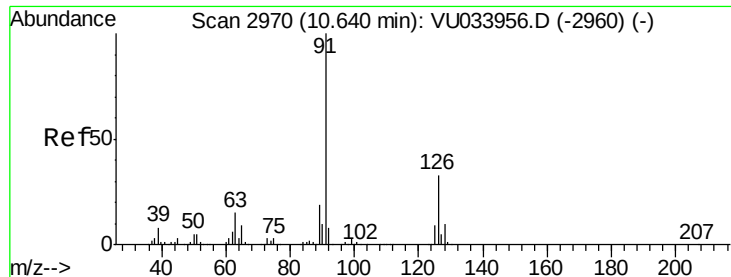
120 22.5 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 84.851 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

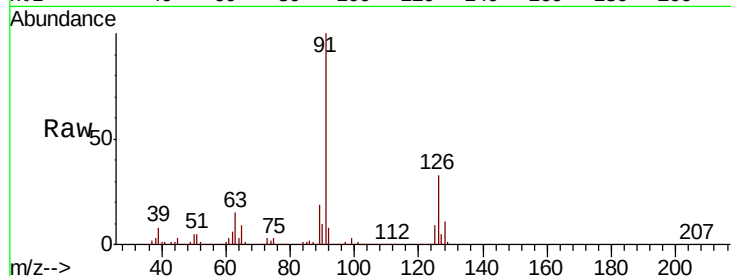
VSTDIC100

Tot Ion: 91 Resp: 1709959

Ion Ratio Lower Upper

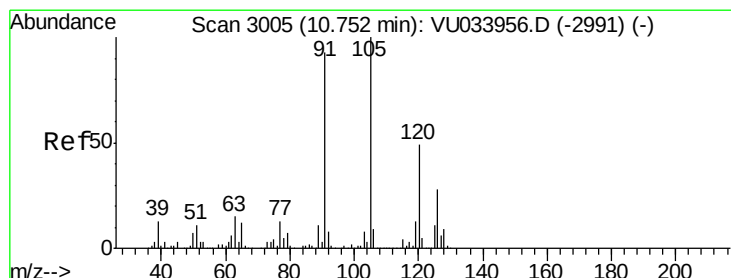
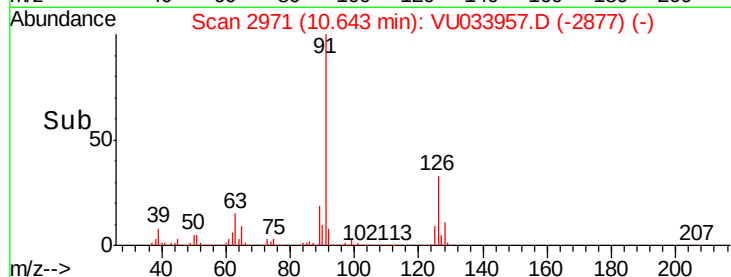
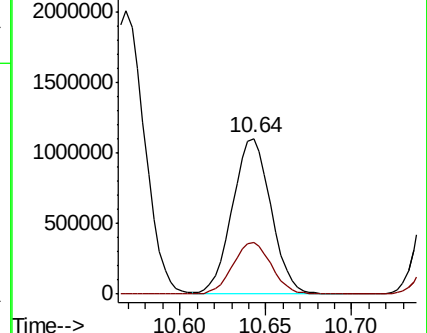
91 100

126 33.3 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VU033957.D (-2960) (-)

Ion 125.90 (125.60 to 126.60): VU033957.D (-2960) (-)



#80

1,3,5-Trimethylbenzene

Concen: 91.168 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU033957.D

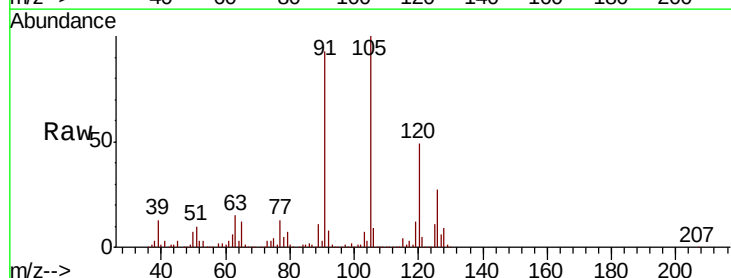
Acq: 26 Aug 2019 18:14

Tgt Ion:105 Resp: 2140941

Ion Ratio Lower Upper

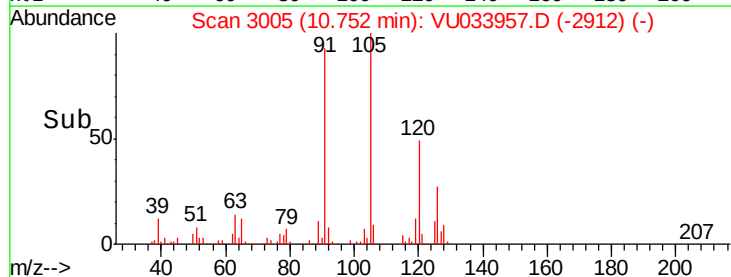
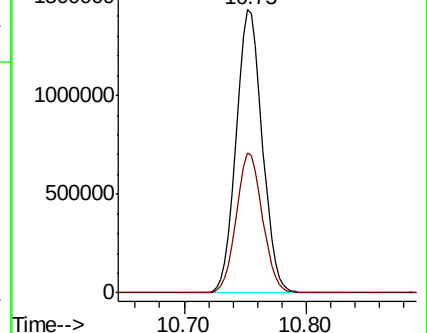
105 100

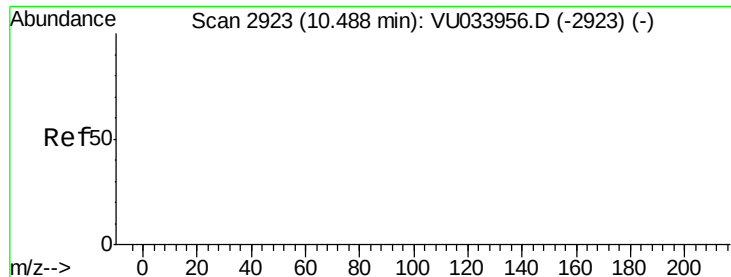
120 49.5 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VU033957.D (-2991) (-)

Ion 120.00 (119.70 to 120.70): VU033957.D (-2991) (-)

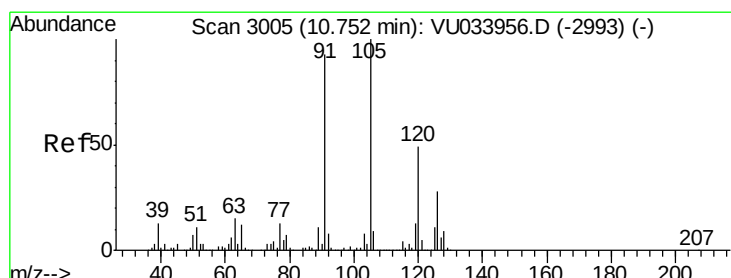
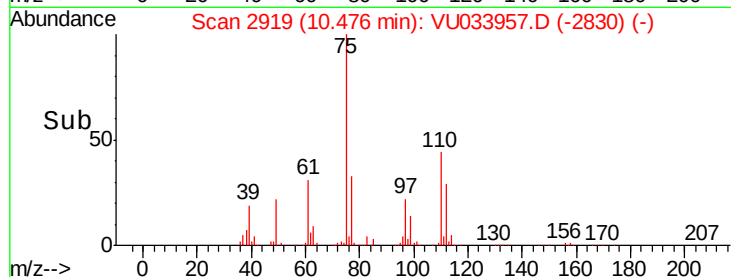
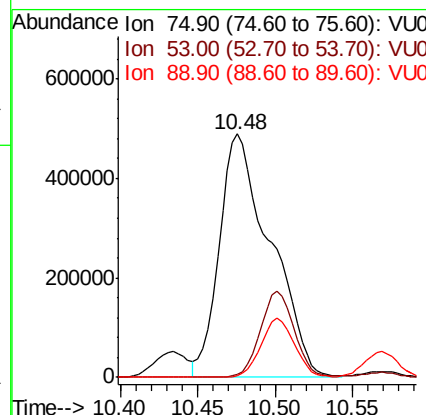
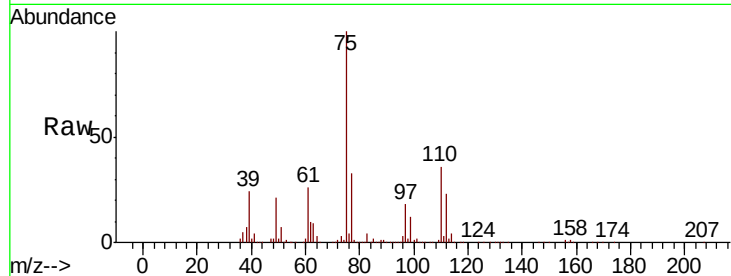




#81
trans-1,4-Dichloro-2-butene
Concen: 271.856 ug/l
RT: 10.48 min Scan# 2919
Delta R.T. -0.01 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

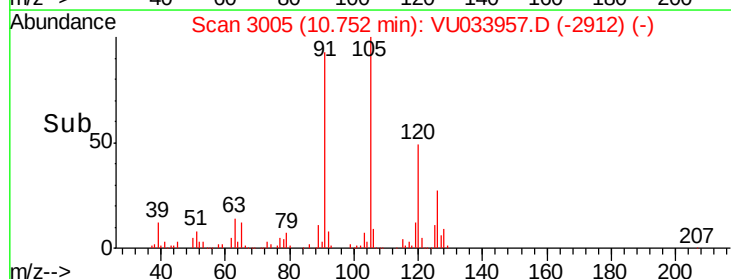
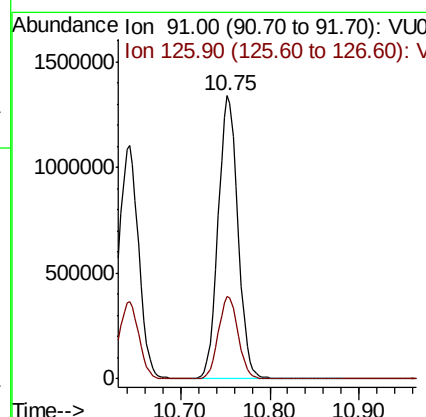
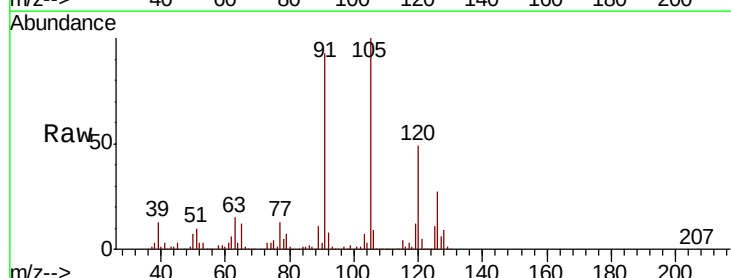
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

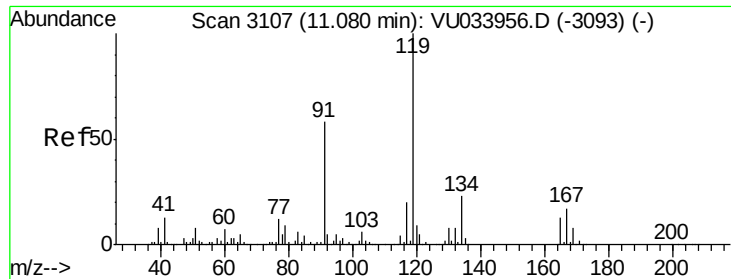
Tot Ion: 75 Resp: 1118563
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 85.391 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Tgt Ion: 91 Resp: 2045200
Ion Ratio Lower Upper
91 100
126 29.3 14.8 44.3

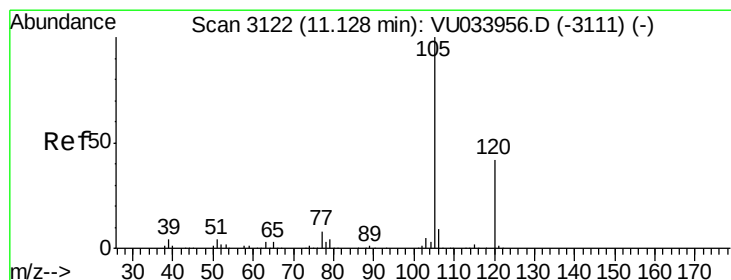
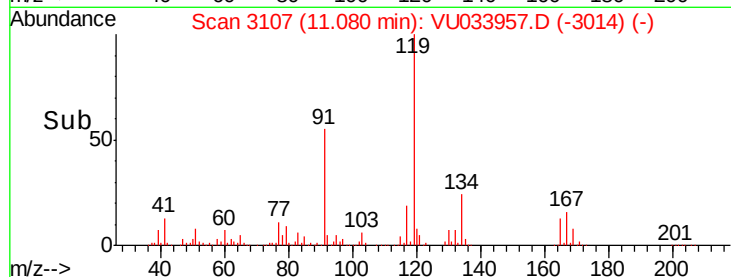
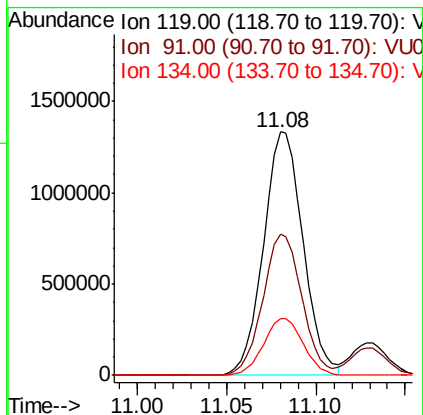
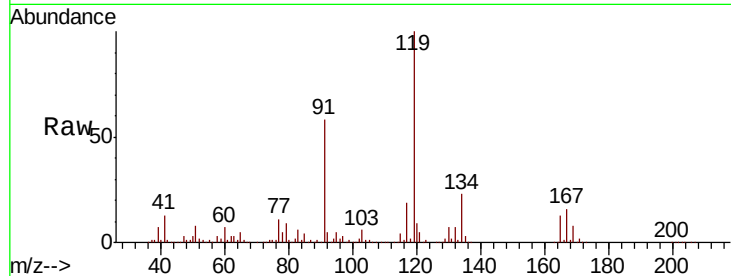




#83
 tert-Butylbenzene
 Concen: 91.275 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

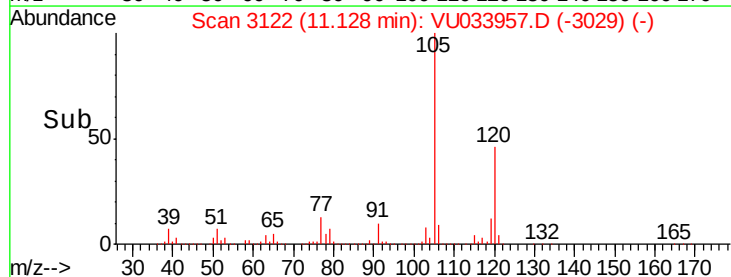
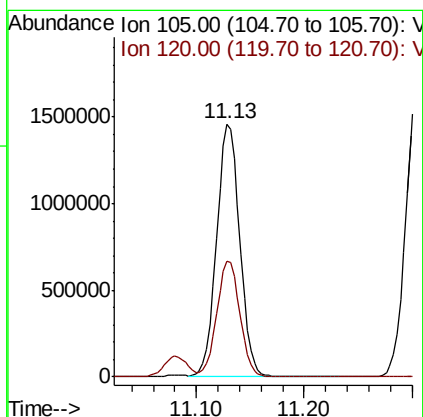
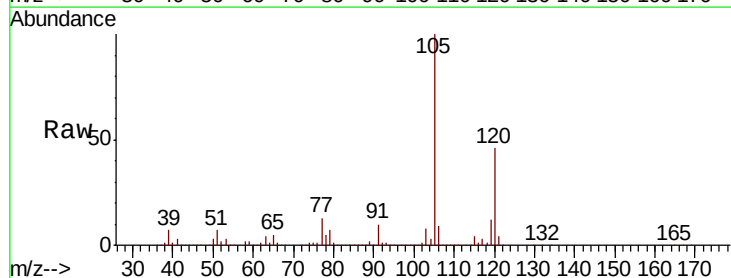
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

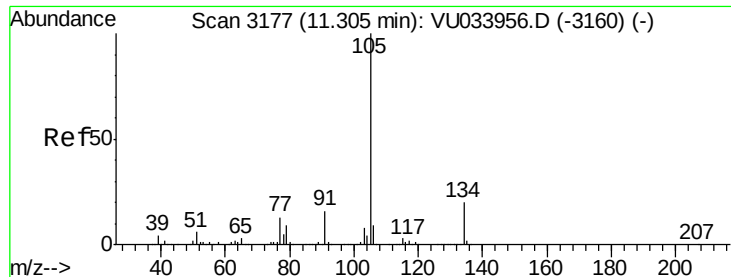
Tot Ion:119 Resp: 2061111
 Ion Ratio Lower Upper
 119 100
 91 57.3 28.6 85.8
 134 23.5 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 89.646 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Tgt Ion:105 Resp: 2164843
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 89.071 ug/l

RT: 11.31 min Scan# 3177

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

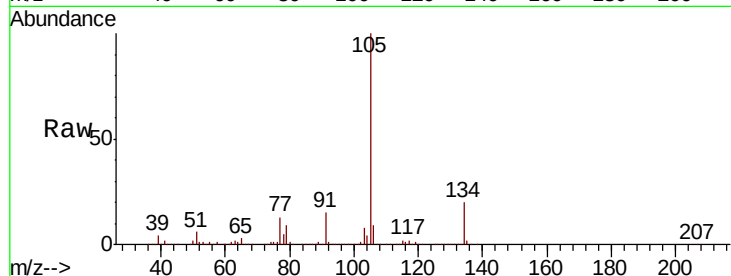
VSTDIC100

Tot Ion:105 Resp: 2569870

Ion Ratio Lower Upper

105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2000000

1500000

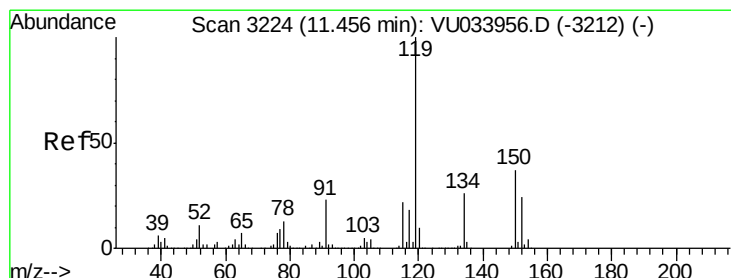
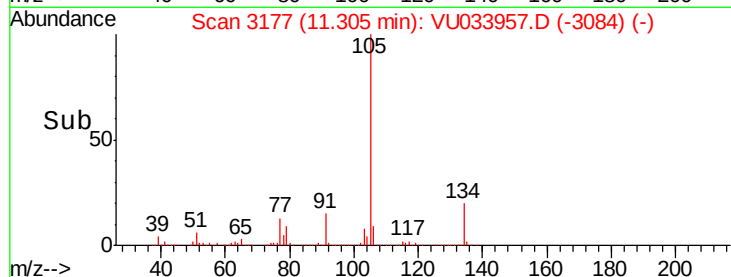
1000000

500000

0

Time--> 11.20 11.30 11.40

11.31



#86

p-Isopropyltoluene

Concen: 94.944 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

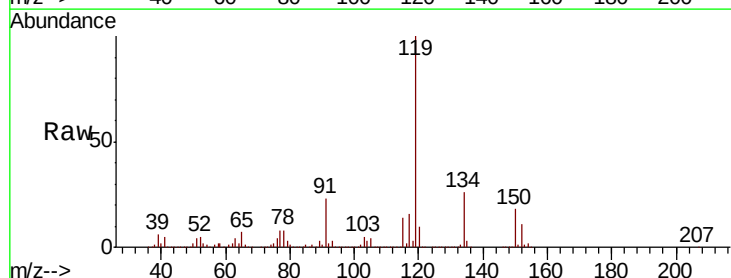
Tgt Ion:119 Resp: 2358777

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 22.9 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

2000000

1500000

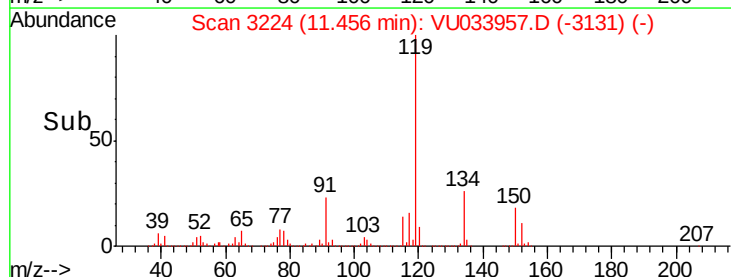
1000000

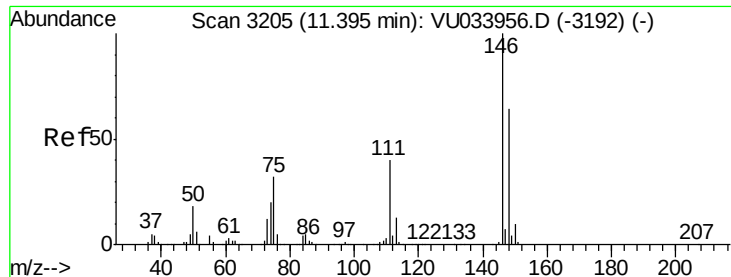
500000

0

Time--> 11.40 11.50 11.60

11.46

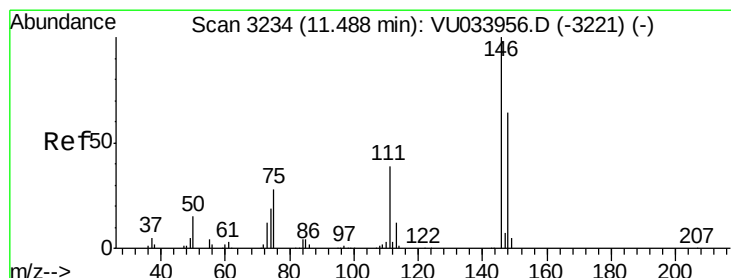
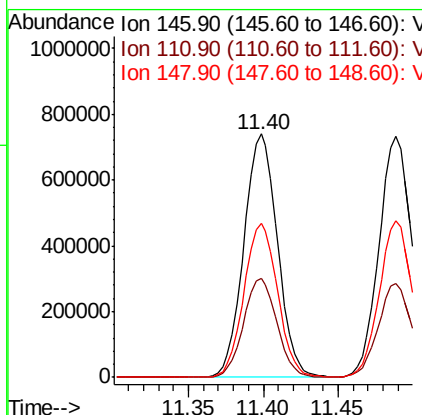
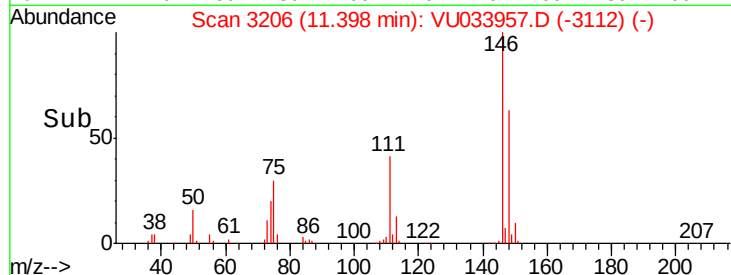
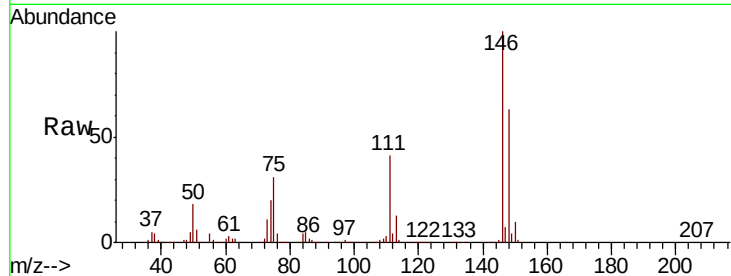




#87
 1,3-Dichlorobenzene
 Concen: 91.575 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

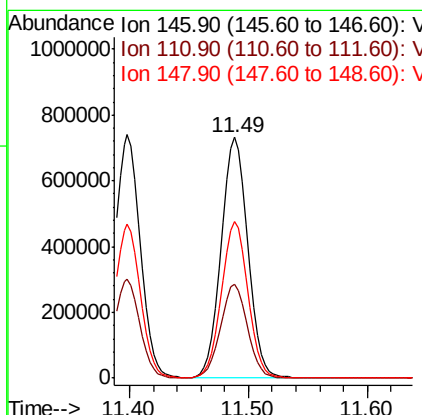
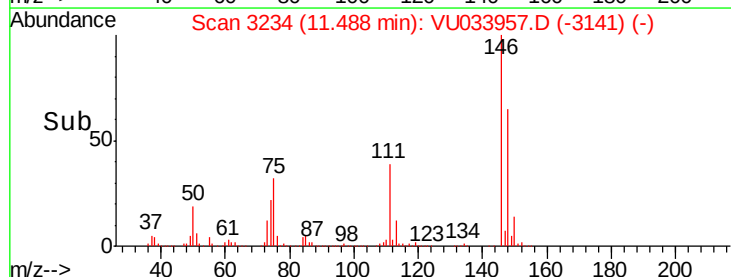
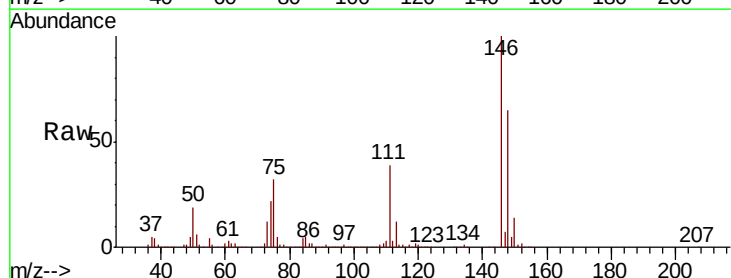
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

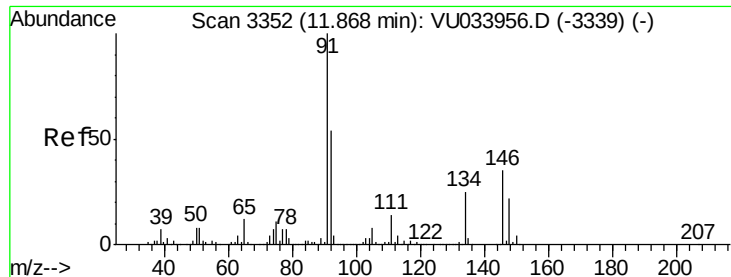
Tot Ion:146 Resp: 1156428
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.1 60.2
 148 63.5 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 87.201 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Tgt Ion:146 Resp: 1137014
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.8 59.4
 148 64.6 32.2 96.6

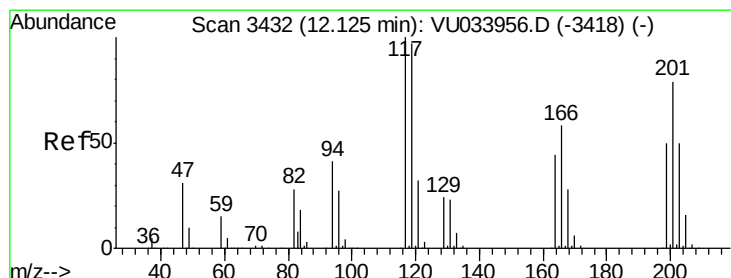
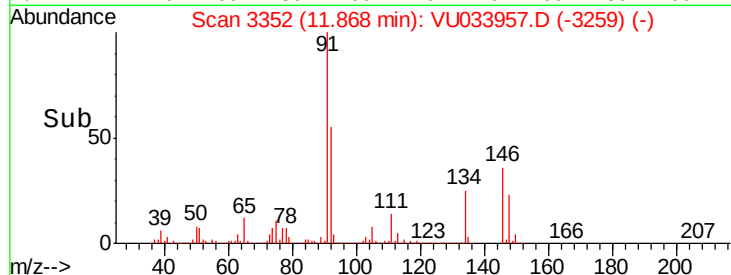
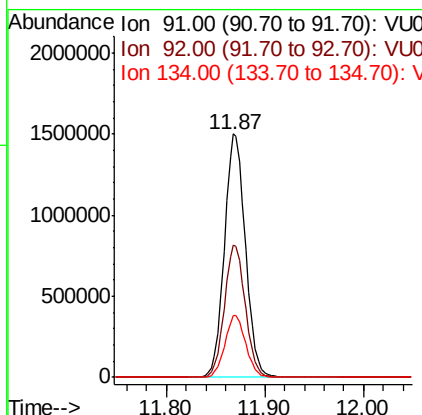
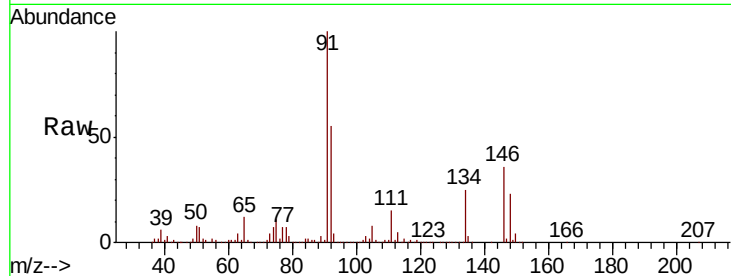




#89
n-Butylbenzene
Concen: 90.470 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

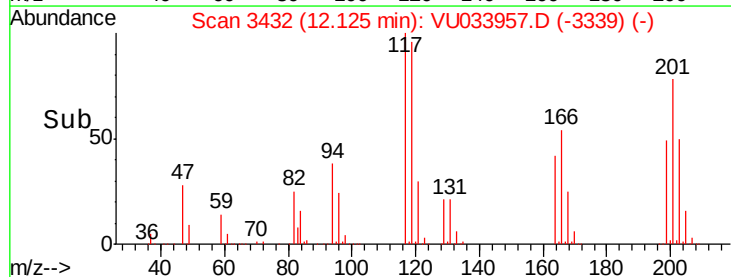
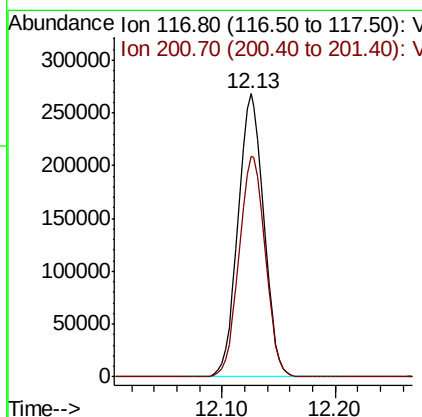
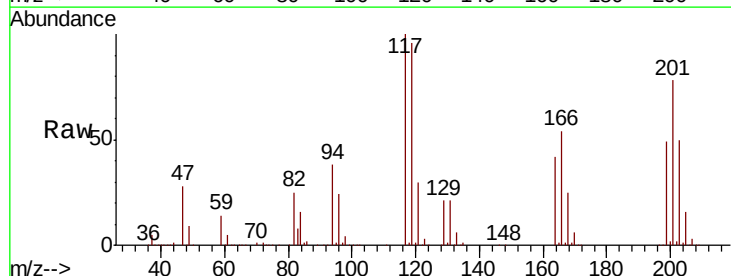
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

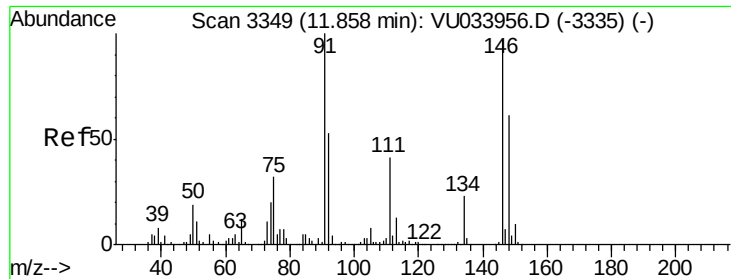
Tot Ion: 91 Resp: 2246572
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.6
134 25.4 12.6 37.6



#90
Hexachloroethane
Concen: 110.469 ug/l
RT: 12.13 min Scan# 3432
Delta R.T. 0.00 min
Lab File: VU033957.D
Acq: 26 Aug 2019 18:14

Tgt Ion: 117 Resp: 425548
Ion Ratio Lower Upper
117 100
201 79.4 39.6 118.7



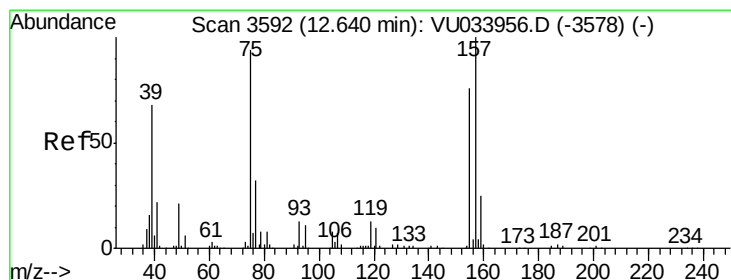
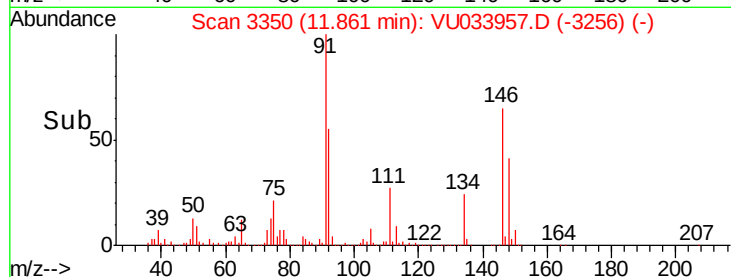
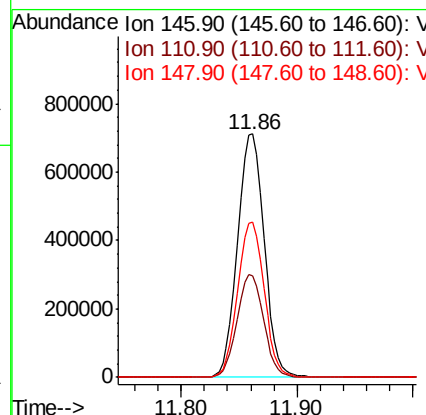
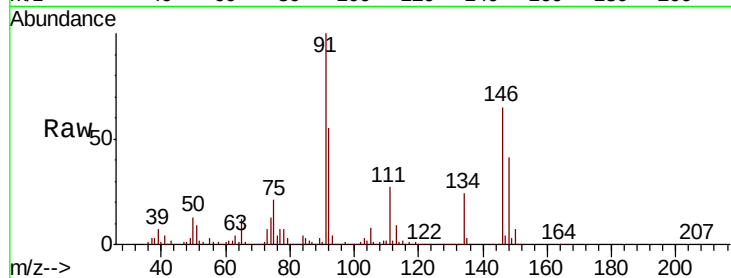


#91
 1,2-Dichlorobenzene
 Concen: 89.732 ug/l
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tot Ion:146 Resp: 1129259

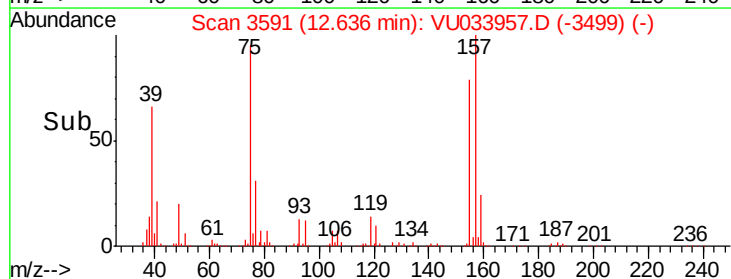
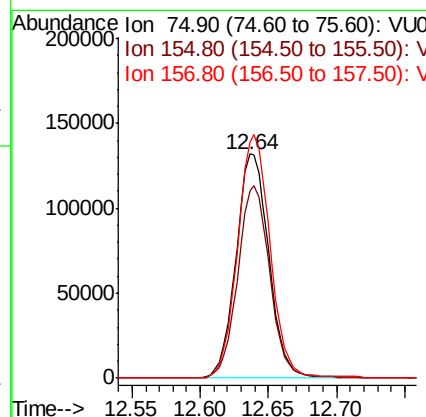
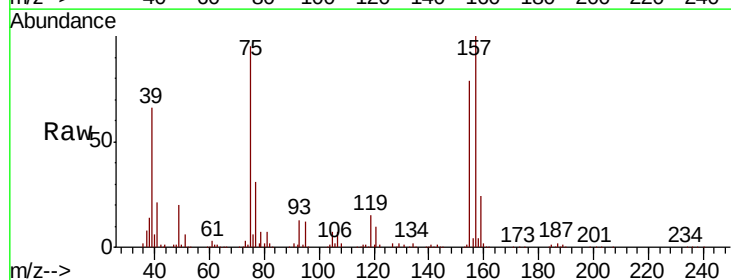
Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.1
148	63.5	31.7	95.1

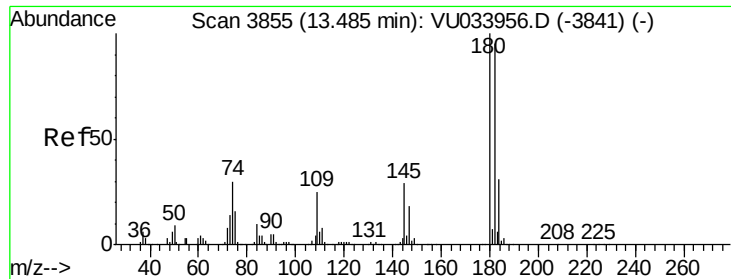


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 93.950 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. -0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Tgt Ion: 75 Resp: 220712

Ion	Ratio	Lower	Upper
75	100		
155	84.0	40.0	119.9
157	107.7	51.9	155.7

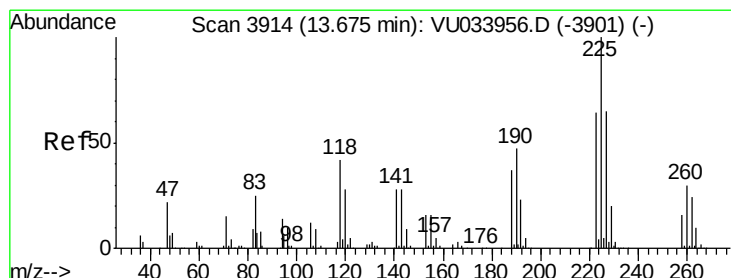
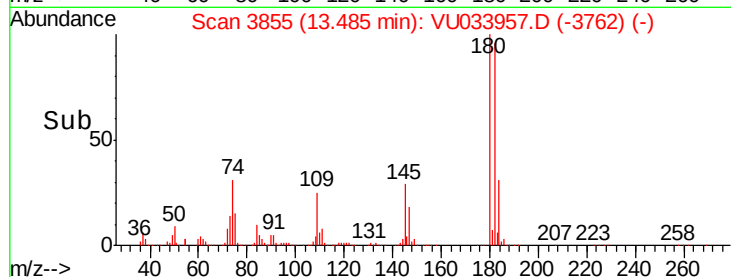
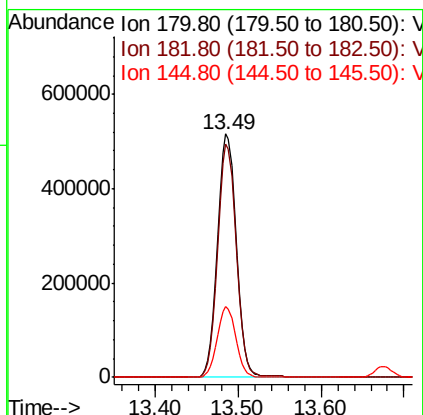
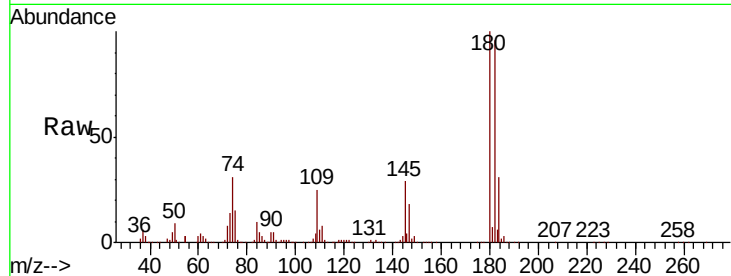




#93
 1,2,4-Trichlorobenzene
 Concen: 90.049 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

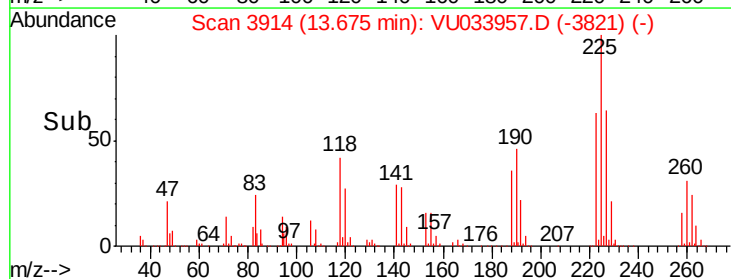
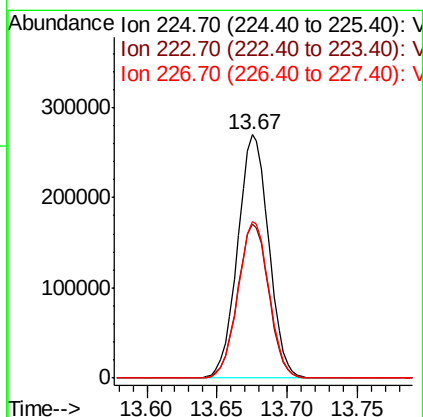
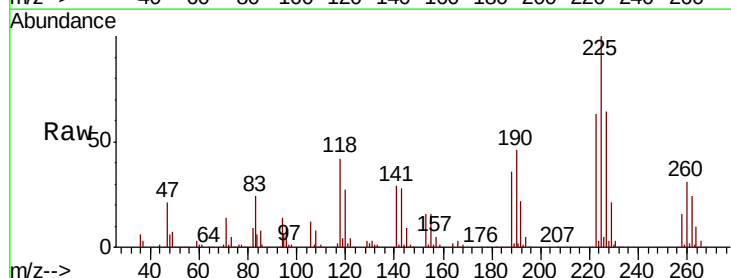
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

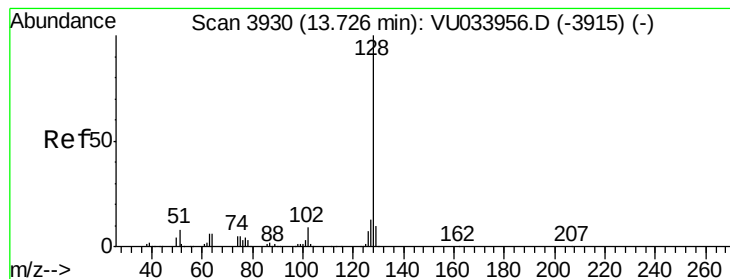
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.4	142.3
145	28.9	14.2	42.8



#94
 Hexachlorobutadiene
 Concen: 98.876 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU033957.D
 Acq: 26 Aug 2019 18:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.4	94.0
227	64.3	32.3	96.8





#95

Naphthalene

Concen: 83.365 ug/l

RT: 13.73 min Scan# 3930

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

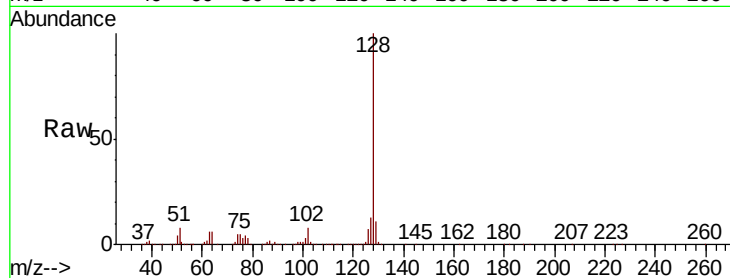
Tot Ion:128 Resp: 2458344

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

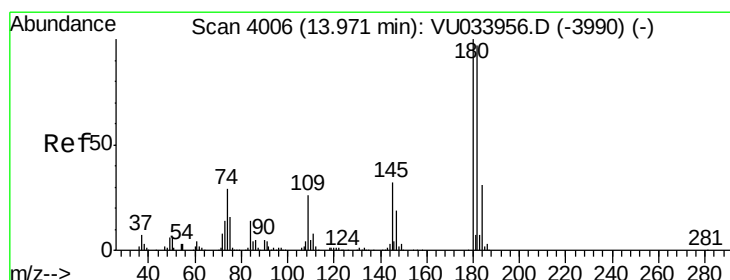
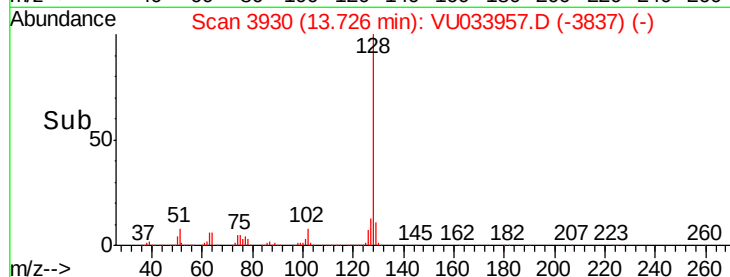
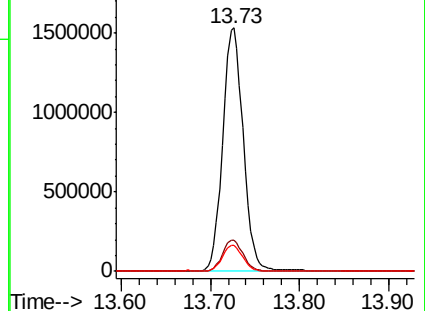
129 10.6 8.3 12.5



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



#96

1,2,3-Trichlorobenzene

Concen: 87.831 ug/l

RT: 13.97 min Scan# 4006

Delta R.T. 0.00 min

Lab File: VU033957.D

Acq: 26 Aug 2019 18:14

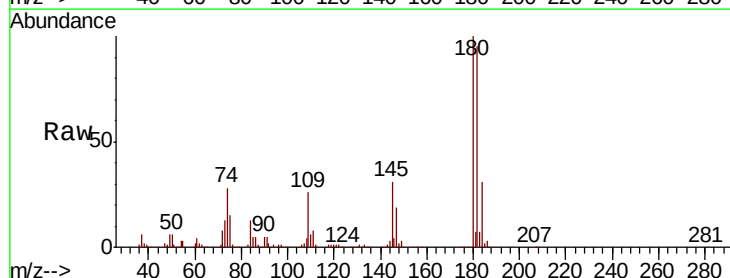
Tgt Ion:180 Resp: 792323

Ion Ratio Lower Upper

180 100

182 95.4 48.6 145.8

145 30.7 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

