

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090719\
 Data File : VU034353.D
 Acq On : 07 Sep 2019 00:41
 Operator : JC/SP
 Sample : VU0907WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

Quant Time: Sep 07 04:14:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	295798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	435608	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	427201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	285360	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	212642	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	4.86	113	191905	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	7.54	98	751021	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	10.29	95	279885	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	56068	18.124	ug/l	100
3) Chloromethane	1.32	50	66085	19.721	ug/l	98
4) Vinyl Chloride	1.40	62	69762	18.096	ug/l	96
5) Bromomethane	1.62	94	45196	20.598	ug/l	99
6) Chloroethane	1.69	64	46126	19.985	ug/l	100
7) Trichlorofluoromethane	1.88	101	98785	19.111	ug/l	100
8) Diethyl Ether	2.10	74	44032	19.366	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	64656	18.886	ug/l	99
10) Methyl Iodide	2.40	142	50945	18.860	ug/l	99
11) Tert butyl alcohol	2.81	59	94775	100.237	ug/l	99
12) 1,1-Dichloroethene	2.27	96	62642	19.464	ug/l	96
13) Acrolein	2.19	56	43430	54.650	ug/l	98
14) Allyl chloride	2.58	41	99262	16.133	ug/l	90
15) Acrylonitrile	2.92	53	237988	101.076	ug/l	99
16) Acetone	2.31	43	190335	82.181	ug/l	99
17) Carbon Disulfide	2.47	76	124486	17.210	ug/l	100
18) Methyl Acetate	2.60	43	107737	19.117	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	242582	20.680	ug/l	100
20) Methylene Chloride	2.69	84	79445	20.708	ug/l	98
21) trans-1,2-Dichloroethene	2.97	96	65023	19.173	ug/l	97
22) Diisopropyl ether	3.55	45	243858	20.324	ug/l	92
23) Vinyl Acetate	3.51	43	978732	100.139	ug/l	99
24) 1,1-Dichloroethane	3.43	63	137270	19.157	ug/l	99
25) 2-Butanone	4.24	43	300795	97.293	ug/l	100
26) 2,2-Dichloropropane	4.20	77	91392	15.858	ug/l	98
27) cis-1,2-Dichloroethene	4.21	96	84144	20.428	ug/l	94
28) Bromochloromethane	4.52	49	65054	19.738	ug/l	97
29) Tetrahydrofuran	4.62	42	196845	104.634	ug/l	100
30) Chloroform	4.65	83	142203	19.524	ug/l	98
31) Cyclohexane	4.97	56	102852	19.620	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	113526	19.495	ug/l	99
36) 1,1-Dichloropropene	5.12	75	90685	19.196	ug/l	99
37) Ethyl Acetate	4.36	43	107693	19.281	ug/l	98
38) Carbon Tetrachloride	5.11	117	94768	18.788	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	95559	18.922	ug/l	98
40) Benzene	5.37	78	296335	19.440	ug/l	99
41) Methacrylonitrile	4.52	41	59472	19.989	ug/l	97
42) 1,2-Dichloroethane	5.38	62	103598	19.574	ug/l	99
43) Isopropyl Acetate	5.53	43	171259	19.655	ug/l	99
44) Trichloroethene	6.17	130	83527	19.801	ug/l	98
45) 1,2-Dichloropropane	6.41	63	86187	19.340	ug/l	97
46) Dibromomethane	6.54	93	54466	19.471	ug/l	98
47) Bromodichloromethane	6.74	83	110584	19.205	ug/l	100
48) Methyl methacrylate	6.60	41	77836	18.808	ug/l	96
49) 1,4-Dioxane	6.59	88	38918	430.651	ug/l	98
51) 4-Methyl-2-Pentanone	7.44	43	590085	97.836	ug/l	98
52) Toluene	7.62	92	191613	20.038	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	112094	18.780	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	124644	19.026	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	83417	19.211	ug/l	96
56) Ethyl methacrylate	8.00	69	119957	20.141	ug/l	99
57) 1,3-Dichloropropane	8.22	76	136250	19.270	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	203004	101.527	ug/l	100
59) 2-Hexanone	8.34	43	438680	97.360	ug/l	99
60) Dibromochloromethane	8.46	129	91048	19.549	ug/l	96
61) 1,2-Dibromoethane	8.57	107	83920	19.746	ug/l	99
64) Tetrachloroethene	8.21	164	74481	20.096	ug/l	98
65) Chlorobenzene	9.10	112	221375	20.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	81227	19.638	ug/l	99
67) Ethyl Benzene	9.23	91	363452	20.509	ug/l	100
68) m/p-Xylenes	9.35	106	287528	43.088	ug/l	97
69) o-Xylene	9.76	106	138615	21.240	ug/l	100
70) Styrene	9.77	104	243196	21.255	ug/l	99
71) Bromoform	9.94	173	70951	19.792	ug/l #	98
73) Isopropylbenzene	10.14	105	376144	20.255	ug/l	100
74) N-amyl acetate	9.99	43	148704	19.893	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.44	83	145462	19.351	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	155682	24.993	ug/l	84
77) Bromobenzene	10.43	156	105118	20.244	ug/l	98
78) n-propylbenzene	10.57	91	434683	20.268	ug/l	100
79) 2-Chlorotoluene	10.64	91	265998	20.327	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	325369	20.949	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.47	75	155682	84.051	ug/l #	100
82) 4-Chlorotoluene	10.75	91	305206	20.267	ug/l	99
83) tert-Butylbenzene	11.08	119	320661	20.638	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	326608	20.891	ug/l	99
85) sec-Butylbenzene	11.30	105	379875	20.710	ug/l	99
86) p-Isopropyltoluene	11.45	119	348893	20.608	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	190399	20.094	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	194961	19.727	ug/l	99
89) n-Butylbenzene	11.87	91	295147	20.061	ug/l	99
90) Hexachloroethane	12.12	117	50477	18.636	ug/l	97
91) 1,2-Dichlorobenzene	11.86	146	189031	20.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	26728	19.350	ug/l	94

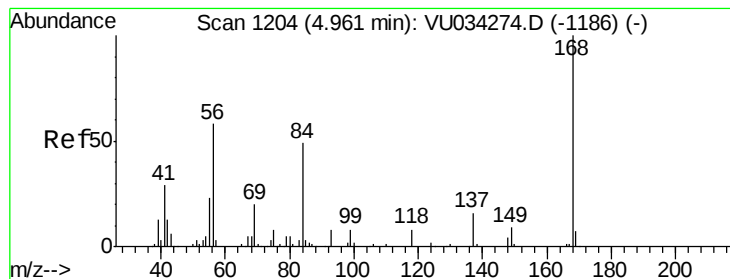
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU090719\
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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	120524	20.065	ug/l	99
94) Hexachlorobutadiene	13.67	225	57496	17.651	ug/l	98
95) Naphthalene	13.72	128	344665	20.651	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	121762	20.319	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

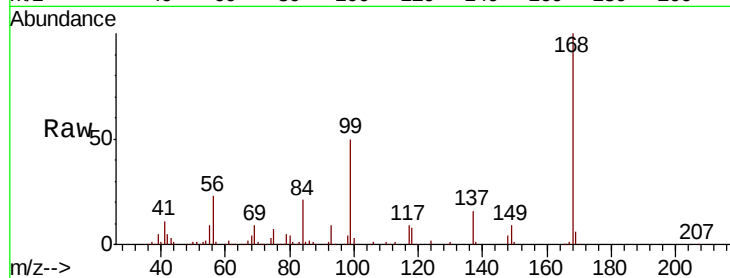
VU0907WBSD02

Tgt Ion:168 Resp: 295798

Ion Ratio Lower Upper

168 100

99 50.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034353.D (-1111) (-)

4.96

150000

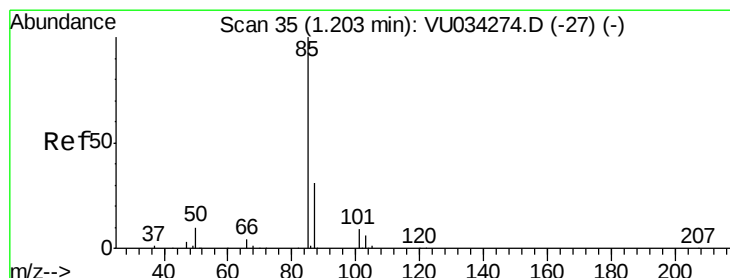
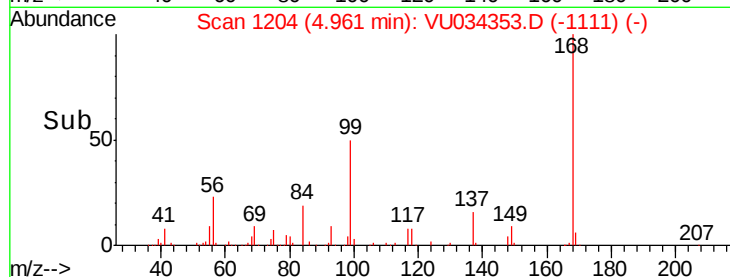
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.124 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034353.D

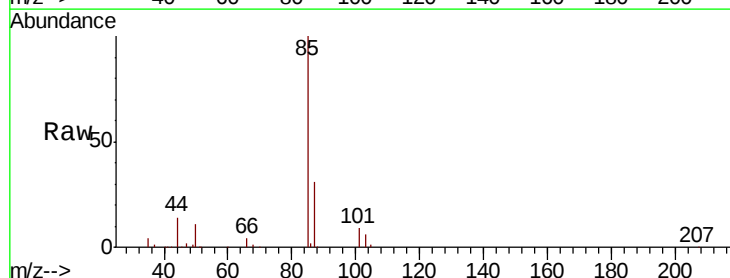
Acq: 07 Sep 2019 00:41

Tgt Ion: 85 Resp: 56068

Ion Ratio Lower Upper

85 100

87 31.1 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034274.D (-27) (-)

Ion 86.90 (86.60 to 87.60): VU034353.D (-1) (-)

1.20

60000

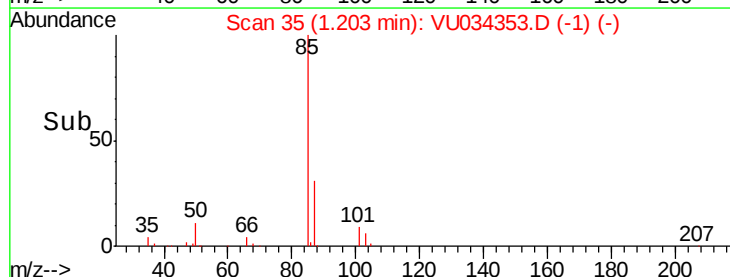
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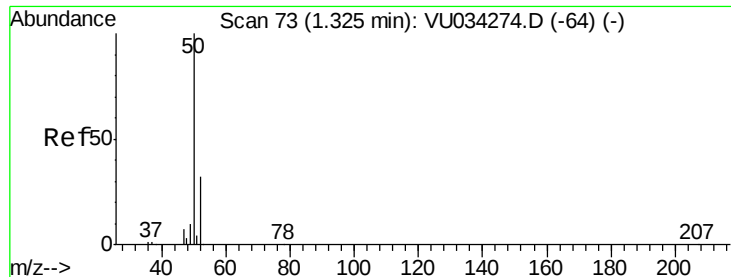
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.721 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

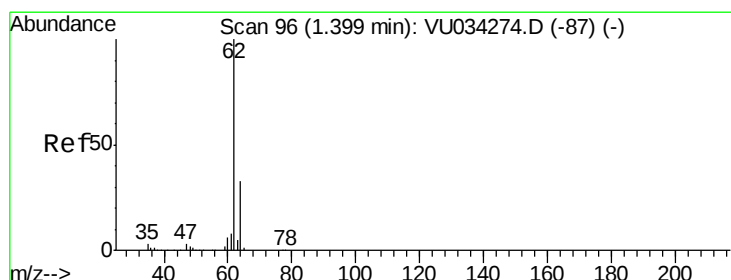
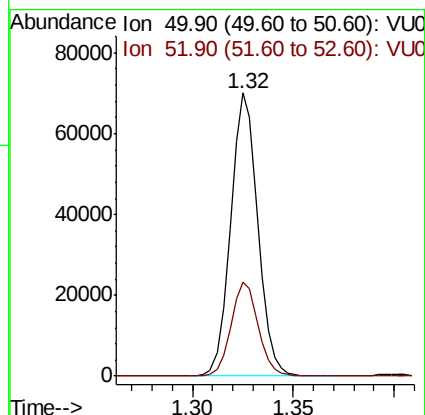
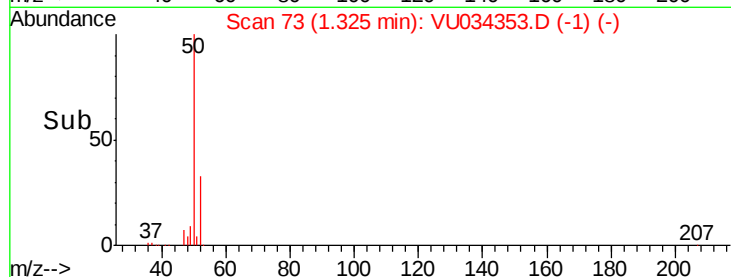
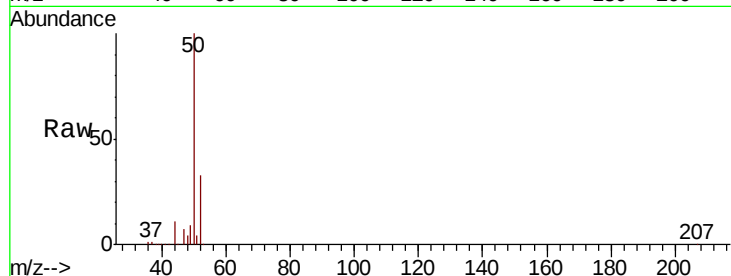
VU0907WBSD02

Tgt Ion: 50 Resp: 66085

Ion Ratio Lower Upper

50 100

52 33.4 25.8 38.6



#4

Vinyl Chloride

Concen: 18.096 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034353.D

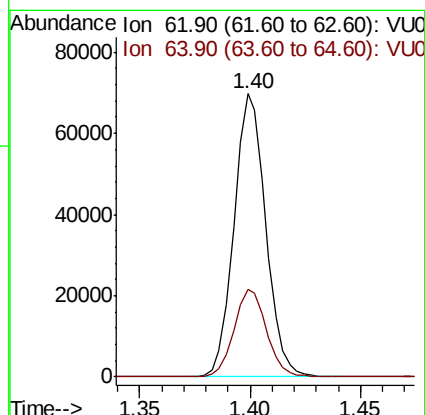
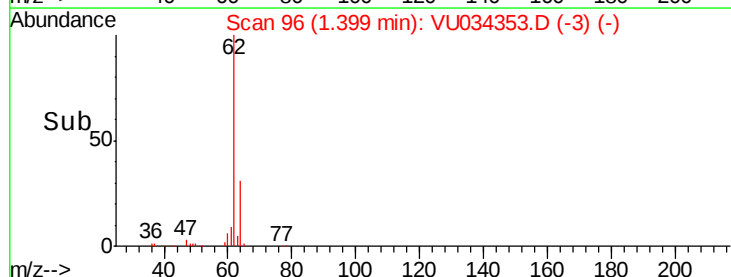
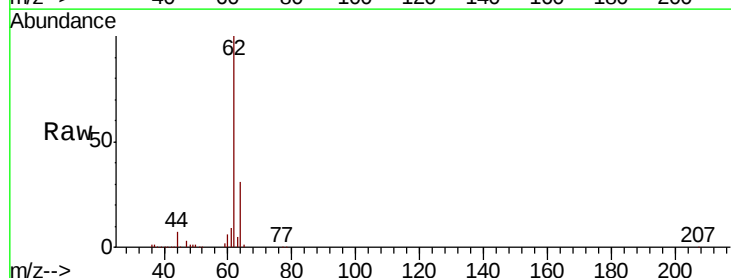
Acq: 07 Sep 2019 00:41

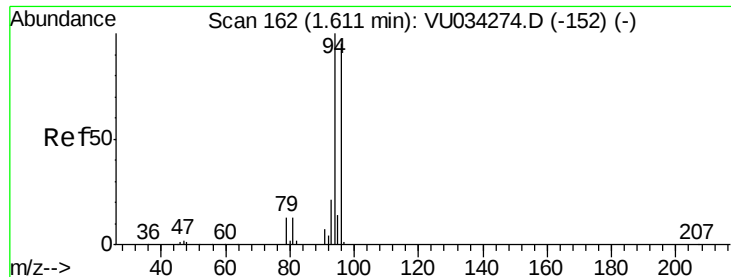
Tgt Ion: 62 Resp: 69762

Ion Ratio Lower Upper

62 100

64 30.8 26.2 39.4





#5

Bromomethane

Concen: 20.598 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.01 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

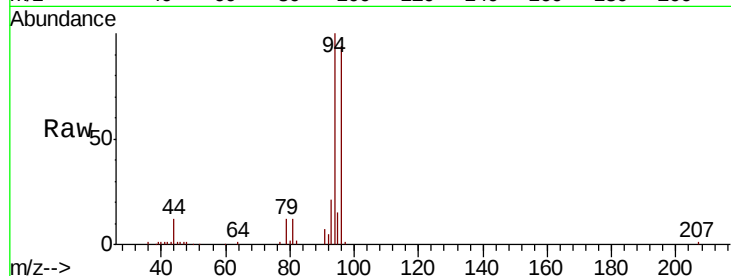
VU0907WBSD02

Tgt Ion: 94 Resp: 45196

Ion Ratio Lower Upper

94 100

96 93.9 75.7 113.5

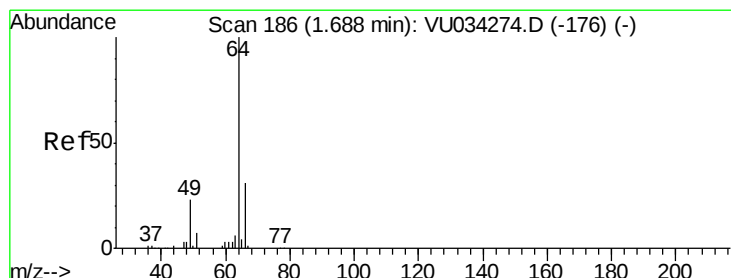
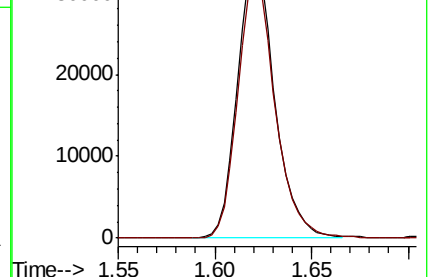
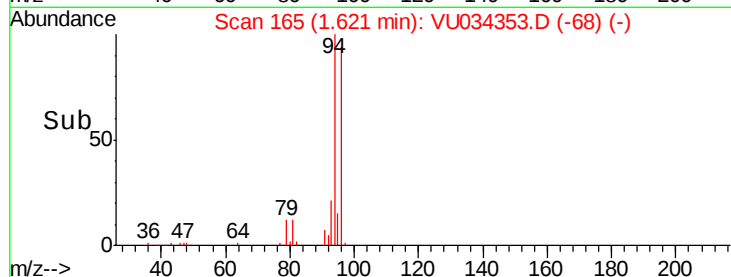


Abundance Ion 93.90 (93.60 to 94.60): VU034274.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034353.D (-68) (-)

1.62

Time-->



#6

Chloroethane

Concen: 19.985 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU034353.D

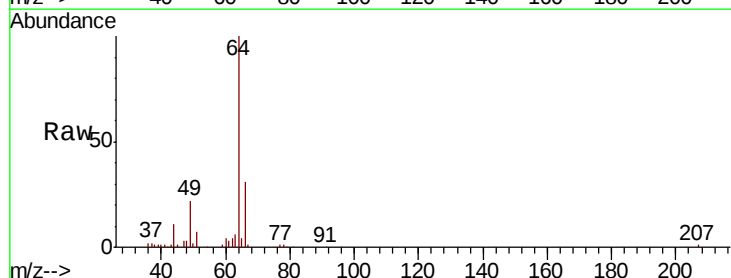
Acq: 07 Sep 2019 00:41

Tgt Ion: 64 Resp: 46126

Ion Ratio Lower Upper

64 100

66 31.4 25.0 37.6

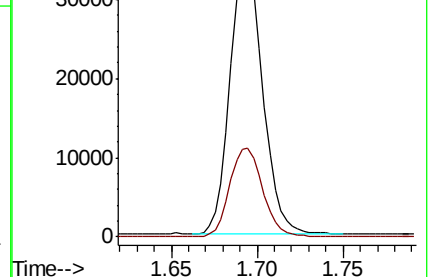
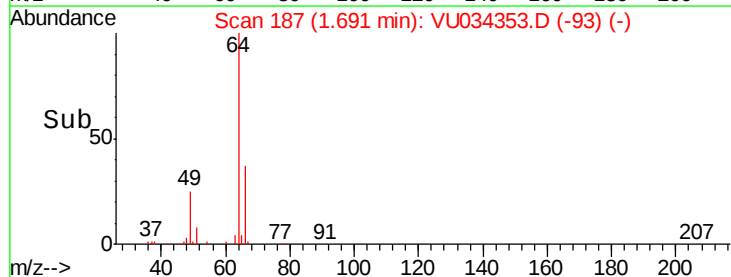


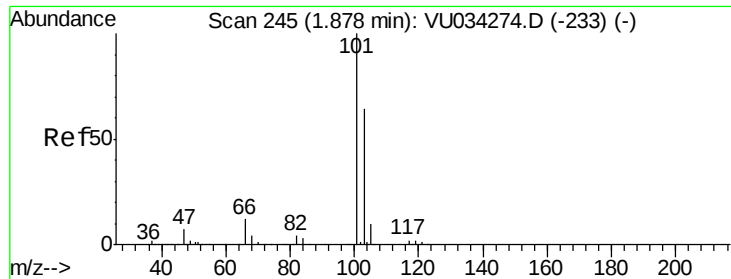
Abundance Ion 63.90 (63.60 to 64.60): VU034274.D (-176) (-)

Ion 65.90 (65.60 to 66.60): VU034353.D (-93) (-)

1.69

Time-->



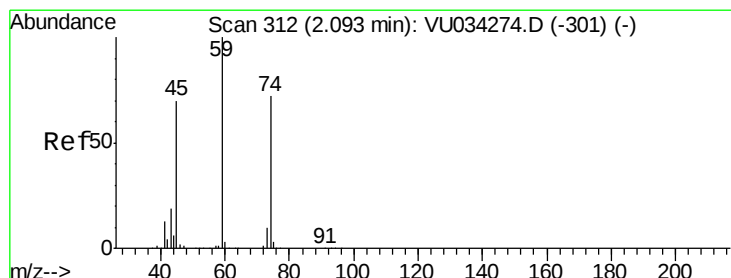
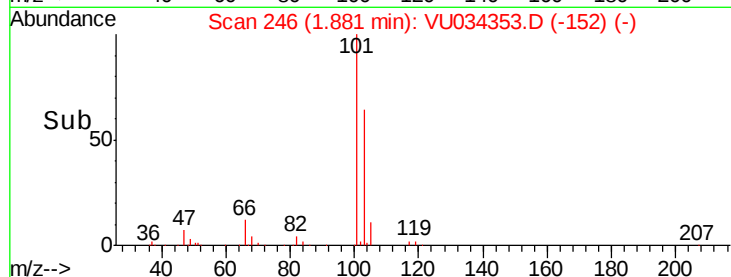
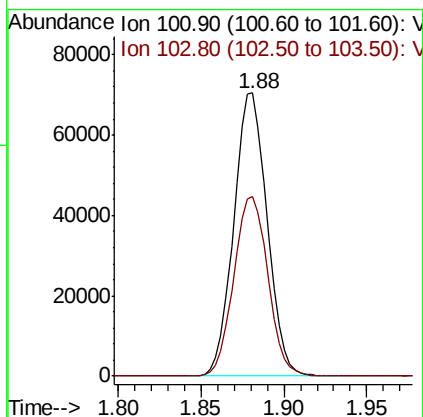
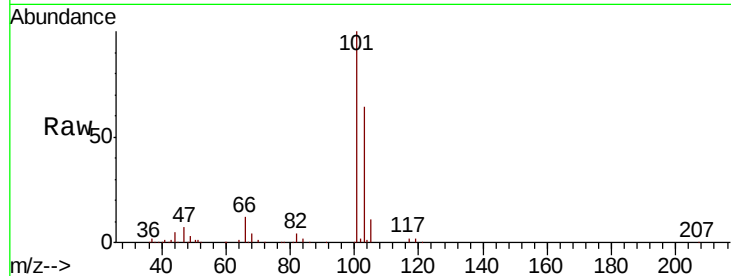


#7

Trichlorofluoromethane
 Concen: 19.111 ug/l
 RT: 1.88 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Instrument :
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 VU0907WBSD02

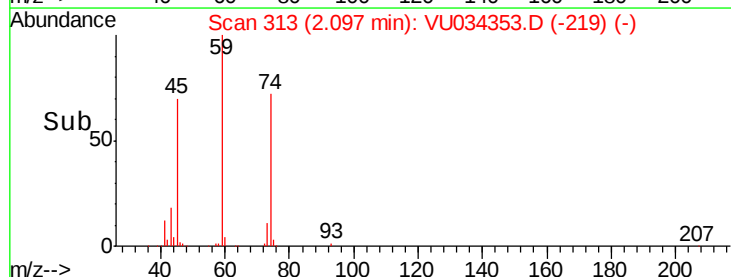
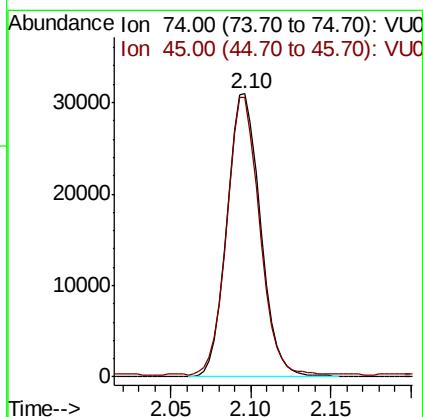
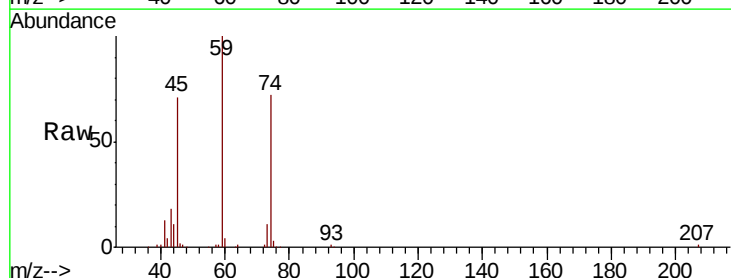
Tgt Ion:101 Resp: 98785
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.6

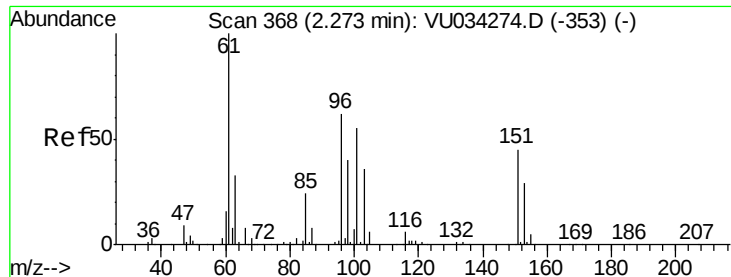


#8

Diethyl Ether
 Concen: 19.366 ug/l
 RT: 2.10 min Scan# 313
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Tgt Ion: 74 Resp: 44032
 Ion Ratio Lower Upper
 74 100
 45 95.7 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.886 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBSD02

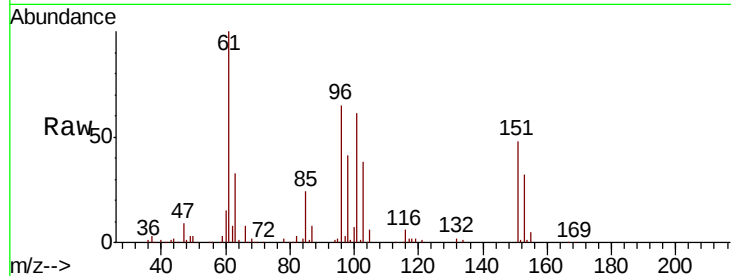
Tgt Ion:101 Resp: 64656

Ion Ratio Lower Upper

101 100

85 41.5 34.4 51.6

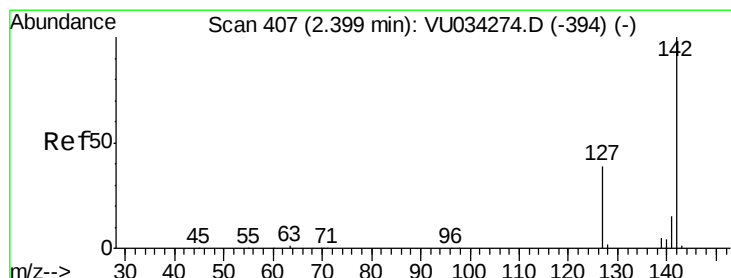
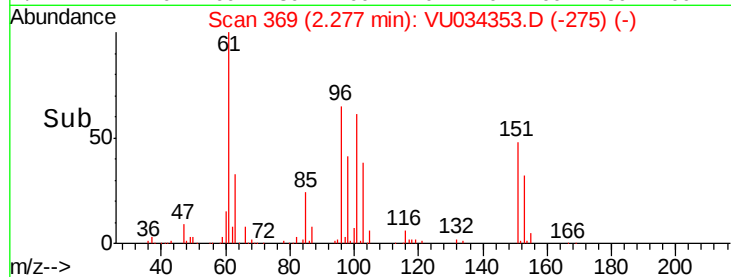
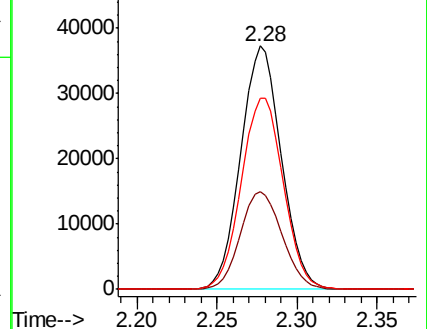
151 81.4 64.4 96.6



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: 18.860 ug/l

RT: 2.40 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

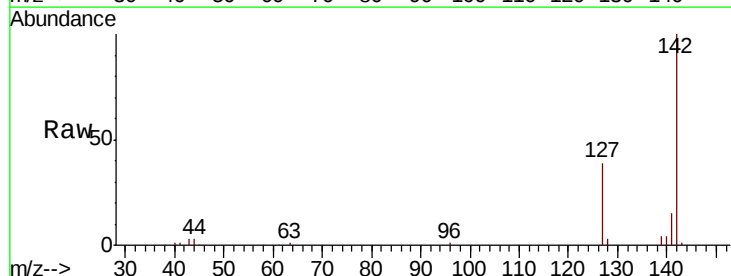
Tgt Ion:142 Resp: 50945

Ion Ratio Lower Upper

142 100

127 39.6 32.1 48.1

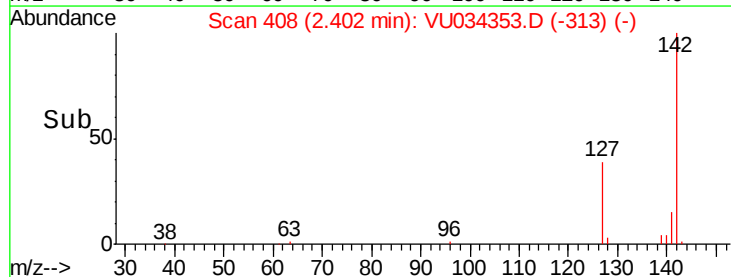
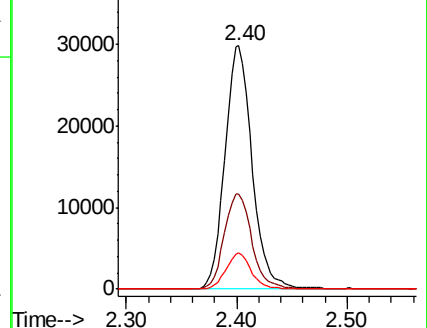
141 13.8 11.5 17.3

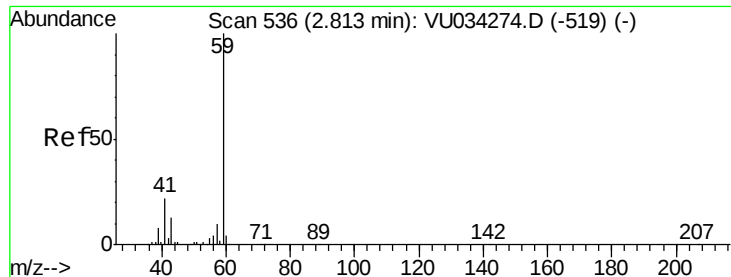


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

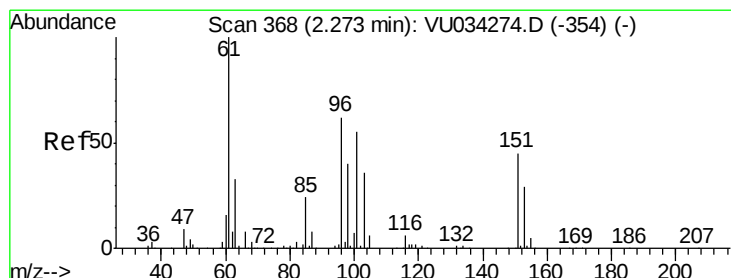
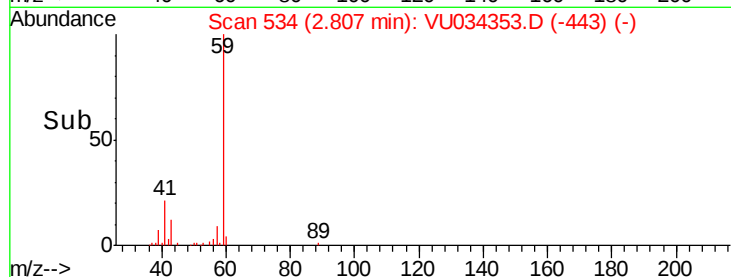
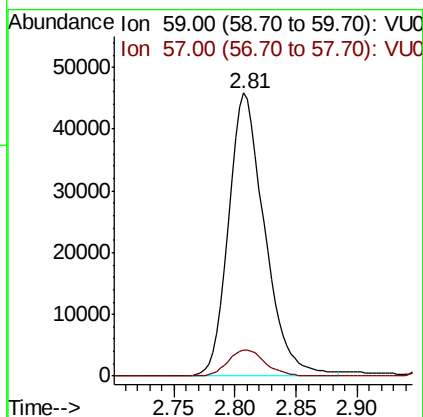
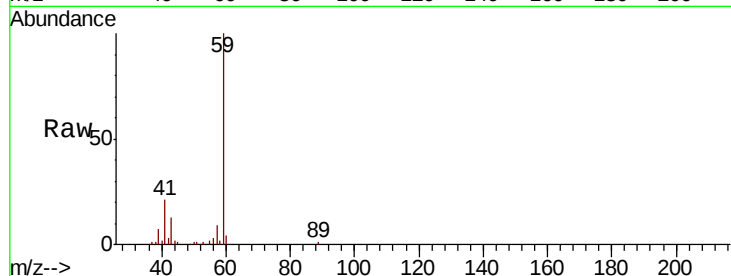




#11
Tert butyl alcohol
Concen: 100.237 ug/l
RT: 2.81 min Scan# 534
Delta R.T. -0.01 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

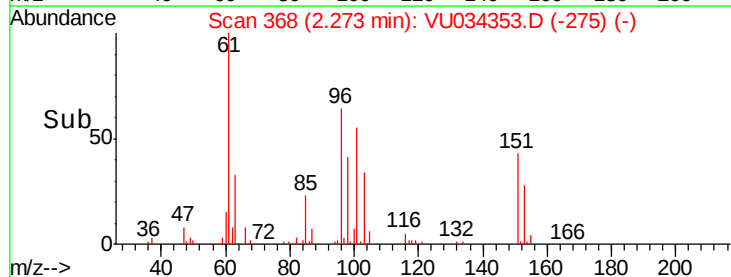
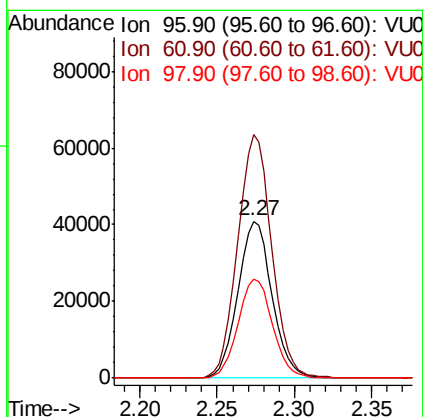
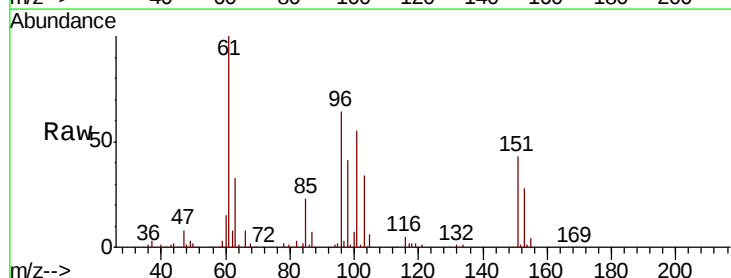
Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD02

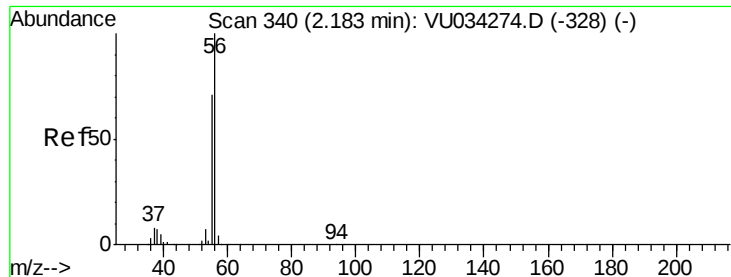
Tgt Ion: 59 Resp: 94775
Ion Ratio Lower Upper
59 100
57 9.5 7.9 11.9



#12
1,1-Dichloroethene
Concen: 19.464 ug/l
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Tgt Ion: 96 Resp: 62642
Ion Ratio Lower Upper
96 100
61 155.4 130.0 195.0
98 63.4 52.2 78.4





#13

Acrolein

Concen: 54.650 ug/l

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

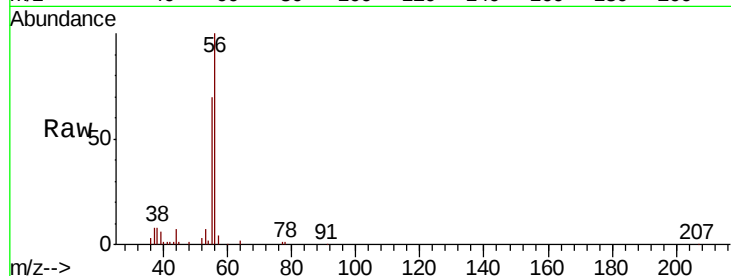
VU0907WBSD02

Tgt Ion: 56 Resp: 43430

Ion Ratio Lower Upper

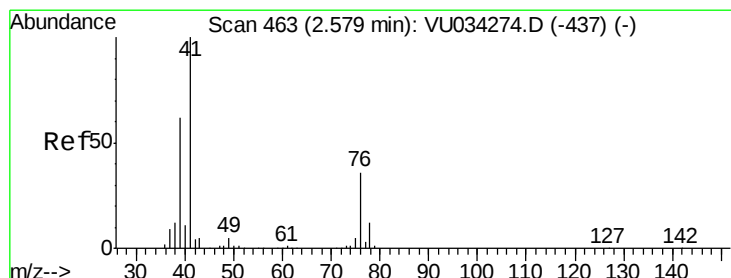
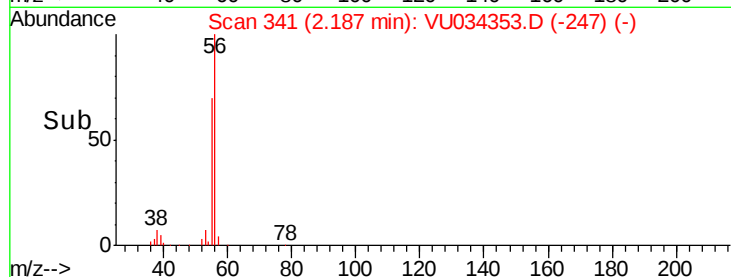
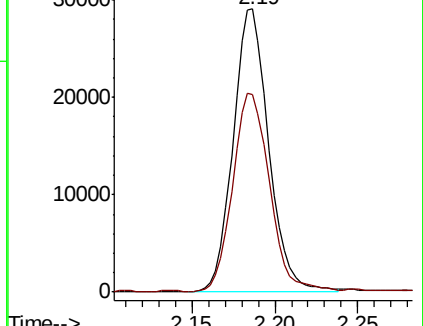
56 100

55 73.3 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU034274.D (-328) (-)

Ion 55.00 (54.70 to 55.70): VU034274.D (-328) (-)



#14

Allyl chloride

Concen: 16.133 ug/l

RT: 2.58 min Scan# 464

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

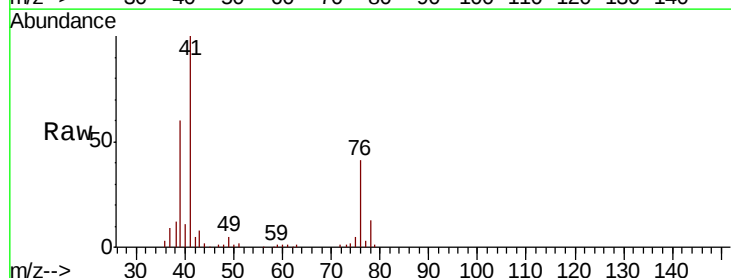
Tgt Ion: 41 Resp: 99262

Ion Ratio Lower Upper

41 100

39 62.6 43.5 65.3

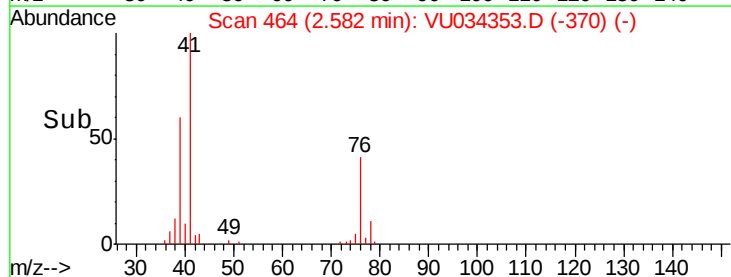
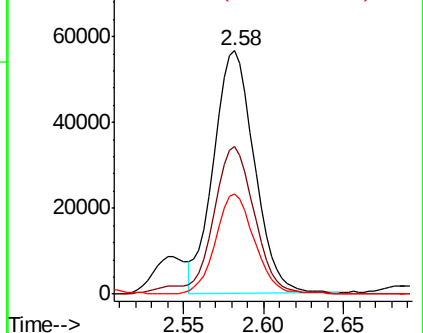
76 38.9 27.0 40.6

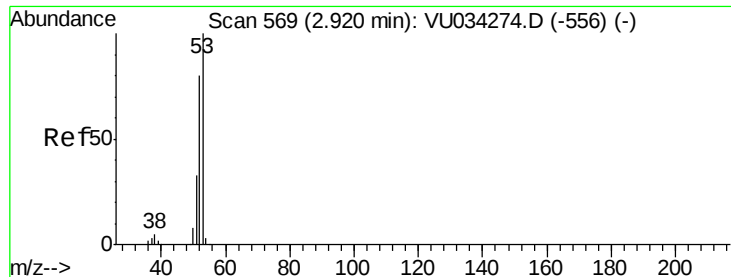


Abundance Ion 41.00 (40.70 to 41.70): VU034274.D (-437) (-)

Ion 39.00 (38.70 to 39.70): VU034274.D (-437) (-)

Ion 75.90 (75.60 to 76.60): VU034274.D (-437) (-)





#15

Acrylonitrile

Concen: 101.076 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBSD02

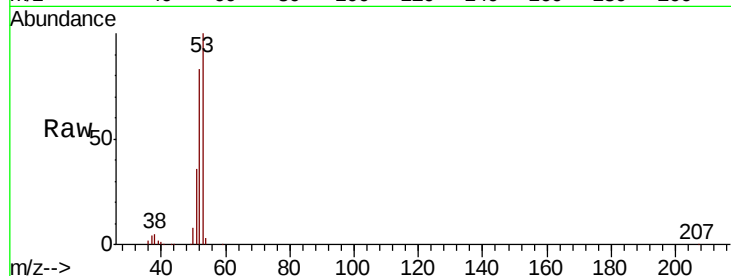
Tgt Ion: 53 Resp: 237988

Ion Ratio Lower Upper

53 100

52 81.4 64.1 96.1

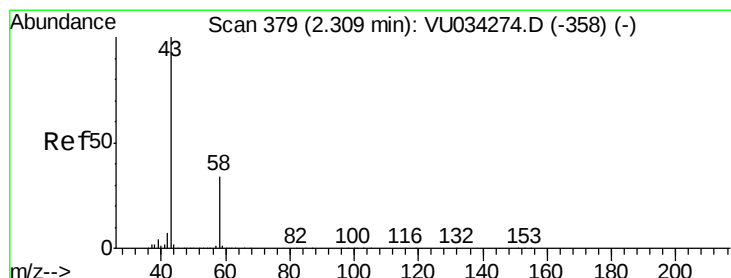
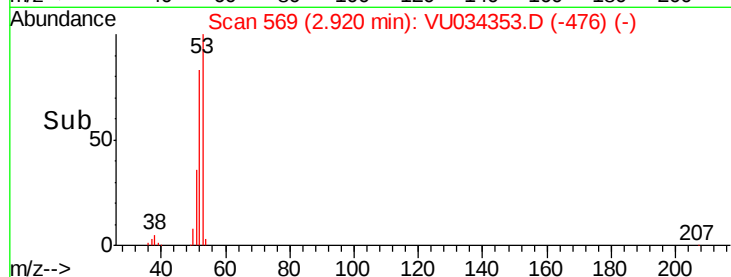
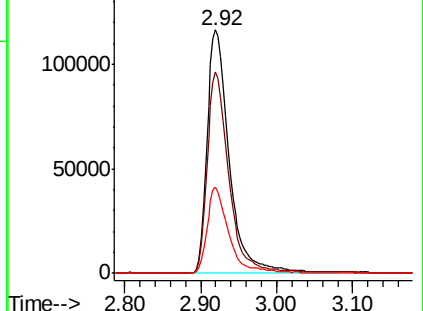
51 34.3 27.4 41.0



Abundance Ion 53.00 (52.70 to 53.70): VU034353.D (-286) (-)

Ion 52.00 (51.70 to 52.70): VU034353.D (-286) (-)

Ion 51.00 (50.70 to 51.70): VU034353.D (-286) (-)



#16

Acetone

Concen: 82.181 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034353.D

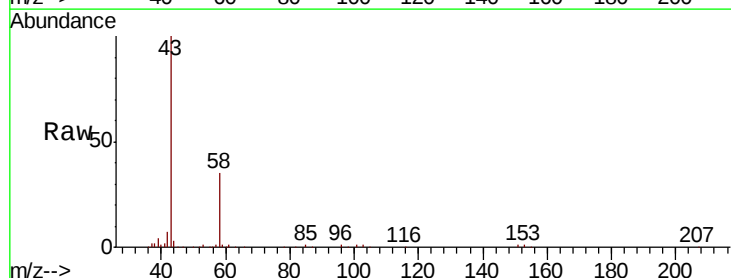
Acq: 07 Sep 2019 00:41

Tgt Ion: 43 Resp: 190335

Ion Ratio Lower Upper

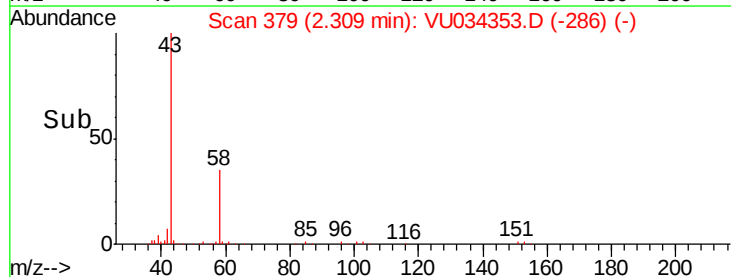
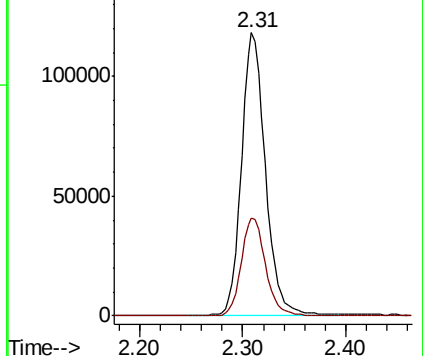
43 100

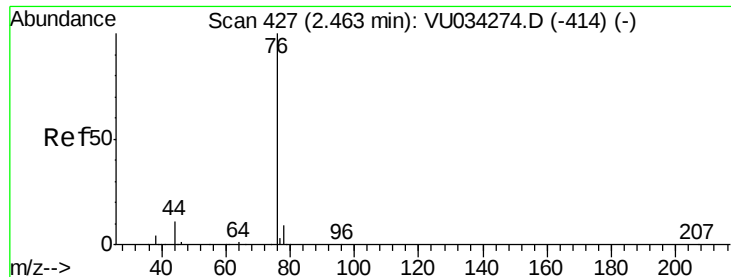
58 34.8 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034353.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034353.D (-286) (-)

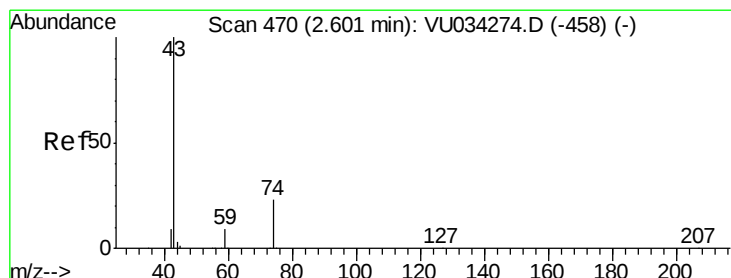
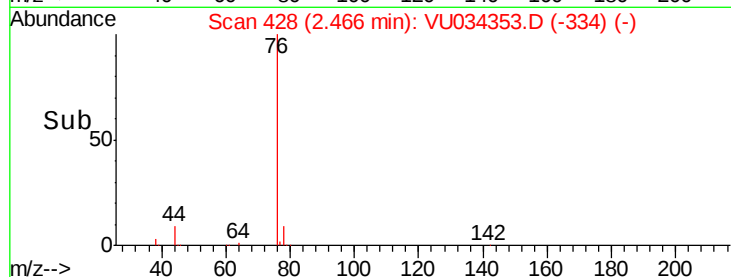
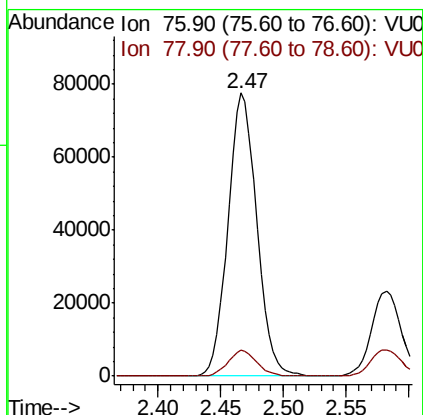
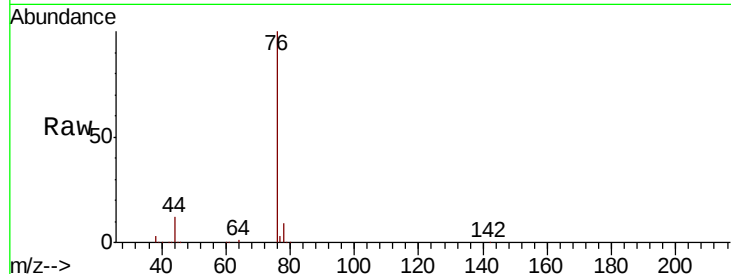




#17
Carbon Disulfide
Concen: 17.210 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

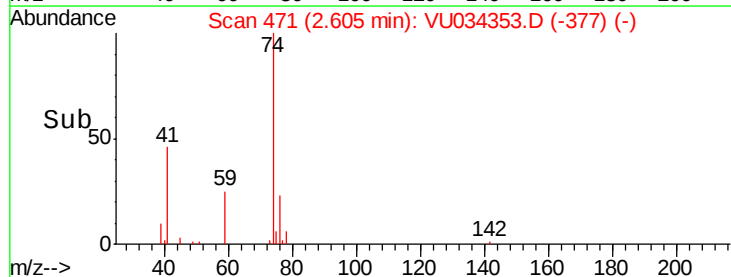
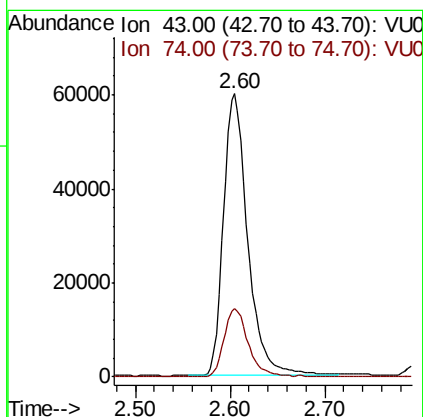
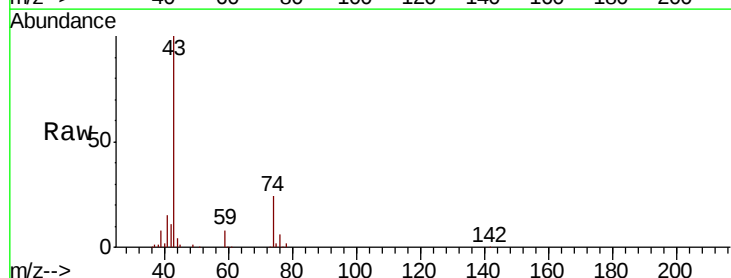
Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD02

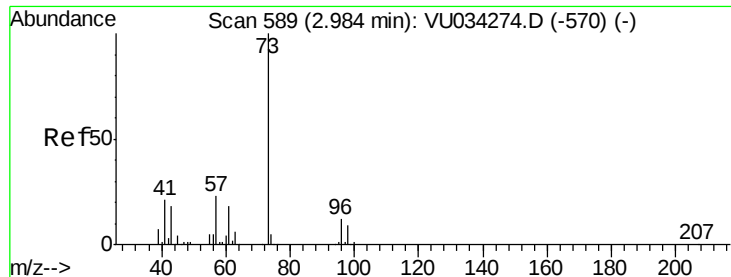
Tgt Ion: 76 Resp: 124486
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 19.117 ug/l
RT: 2.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Tgt Ion: 43 Resp: 107737
Ion Ratio Lower Upper
43 100
74 24.1 18.9 28.3

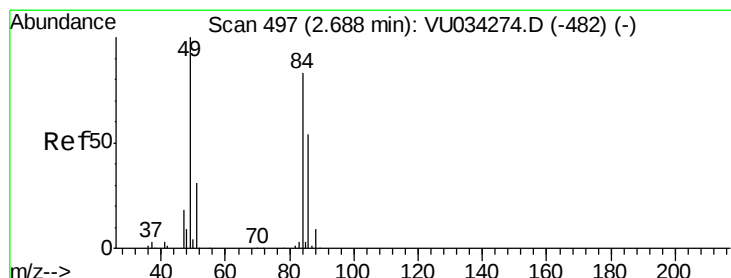
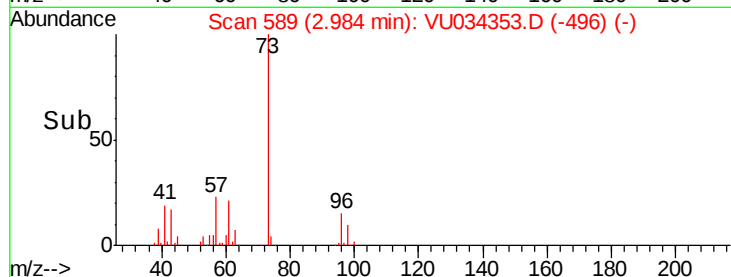
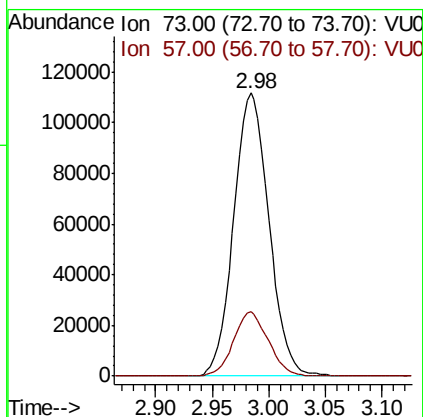
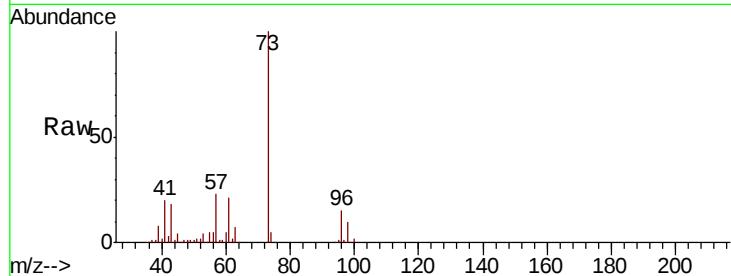




#19
Methyl tert-butyl Ether
Concen: 20.680 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

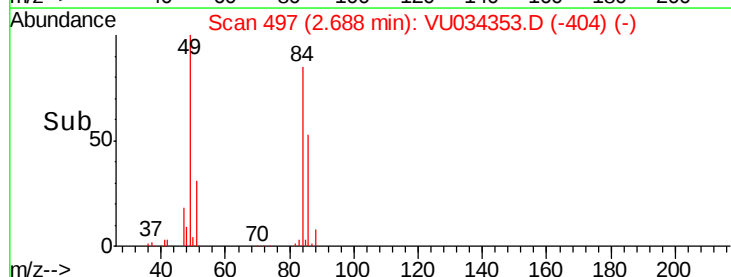
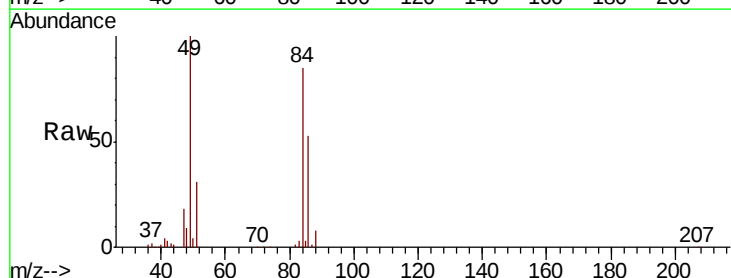
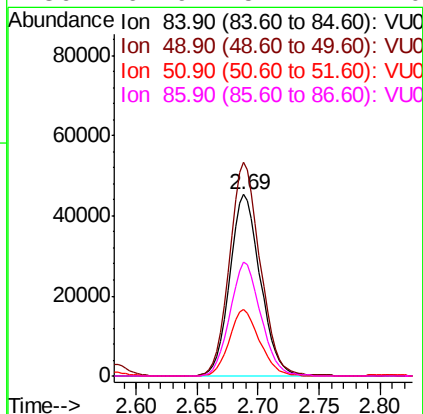
Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD02

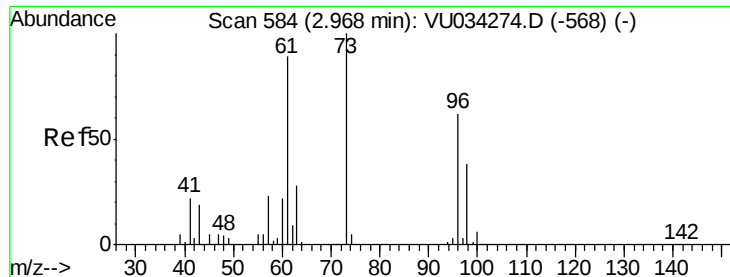
Tgt Ion: 73 Resp: 242582
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.4



#20
Methylene Chloride
Concen: 20.708 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Tgt Ion: 84 Resp: 79445
Ion Ratio Lower Upper
84 100
49 117.9 96.0 144.0
51 36.5 30.0 45.0
86 62.9 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 19.173 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBSD02

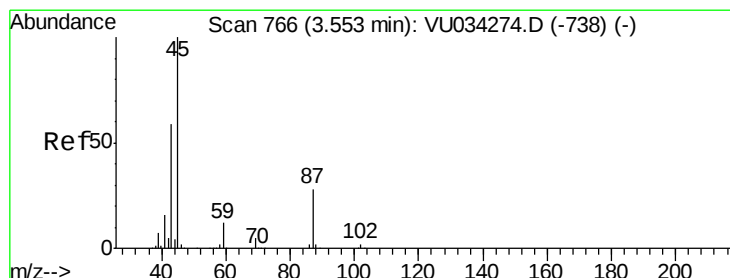
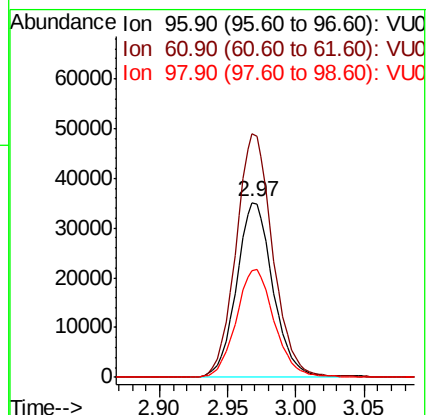
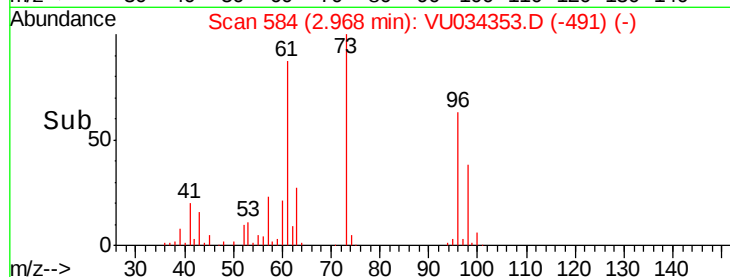
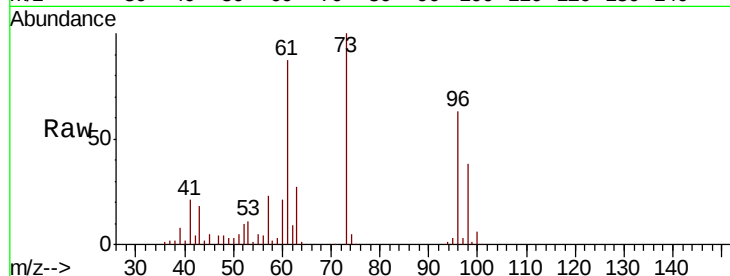
Tgt Ion: 96 Resp: 65023

Ion Ratio Lower Upper

96 100

61 139.4 114.8 172.2

98 61.1 49.8 74.8



#22

Diisopropyl ether

Concen: 20.324 ug/l

RT: 3.55 min Scan# 766

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Tgt Ion: 45 Resp: 243858

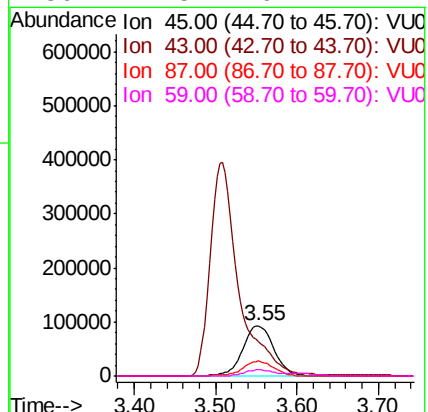
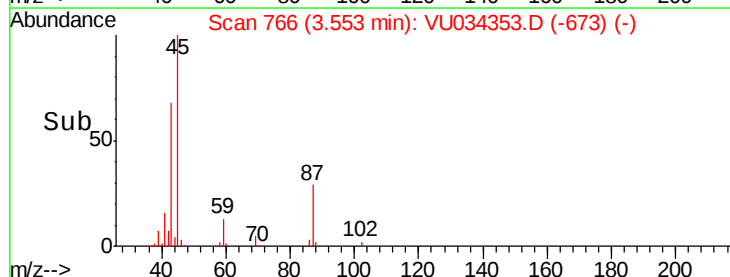
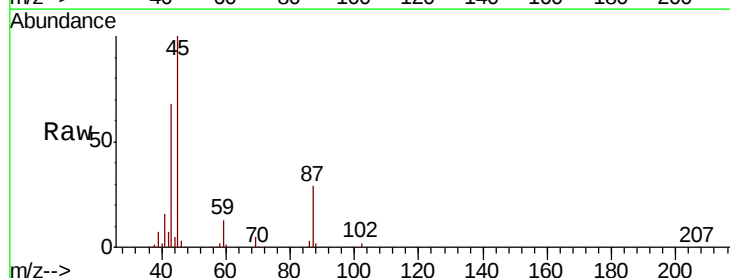
Ion Ratio Lower Upper

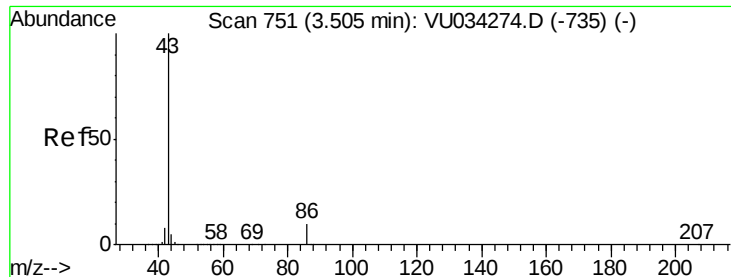
45 100

43 68.1 47.5 71.3

87 29.2 22.2 33.4

59 12.5 9.4 14.2





#23

Vinyl Acetate

Concen: 100.139 ug/l

RT: 3.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

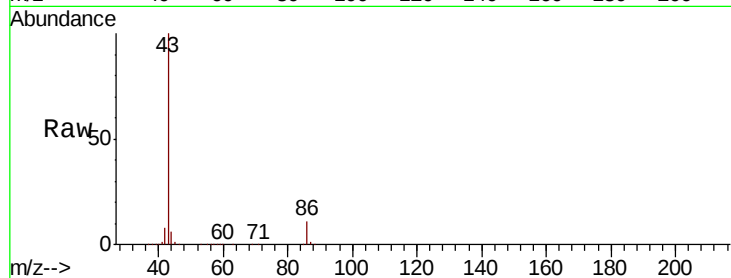
VU0907WBSD02

Tgt Ion: 43 Resp: 978732

Ion Ratio Lower Upper

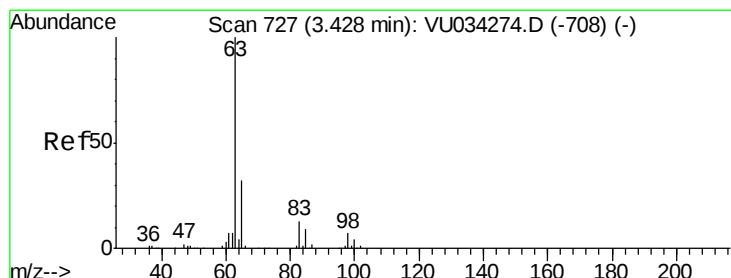
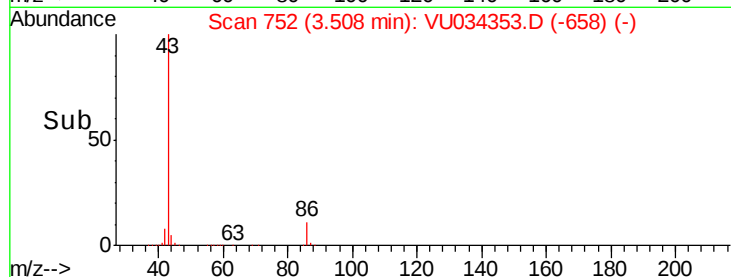
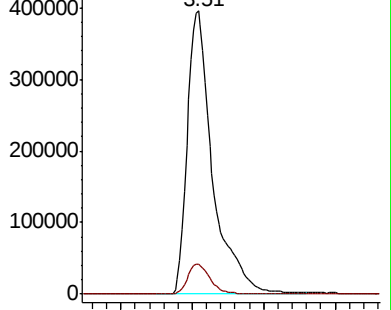
43 100

86 10.7 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-735) (-)

Ion 86.00 (85.70 to 86.70): VU034274.D (-735) (-)



#24

1,1-Dichloroethane

Concen: 19.157 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

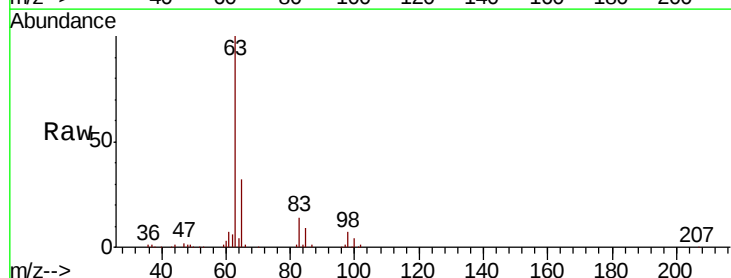
Tgt Ion: 63 Resp: 137270

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

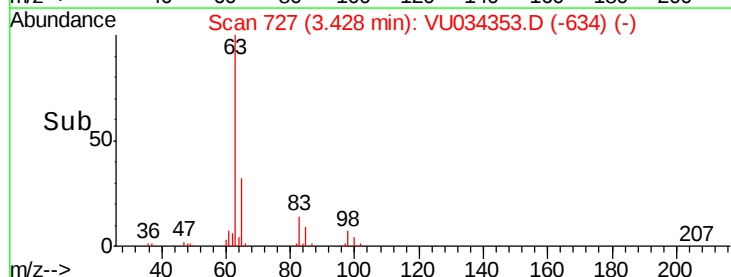
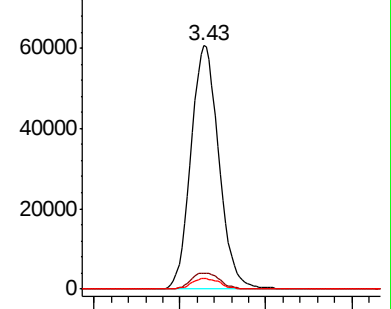
100 4.4 2.1 6.5

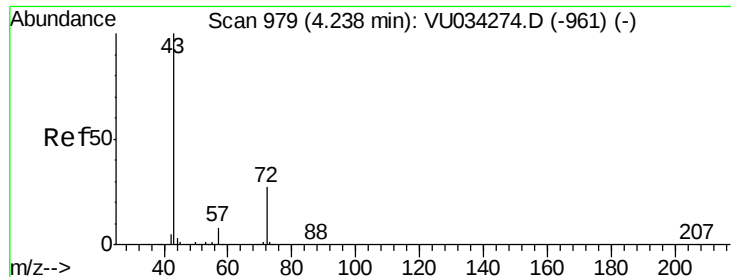


Abundance Ion 62.90 (62.60 to 63.60): VU034274.D (-708) (-)

Ion 97.90 (97.60 to 98.60): VU034274.D (-708) (-)

Ion 99.90 (99.60 to 100.60): VU034274.D (-708) (-)





#25

2-Butanone

Concen: 97.293 ug/l

RT: 4.24 min Scan# 980

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

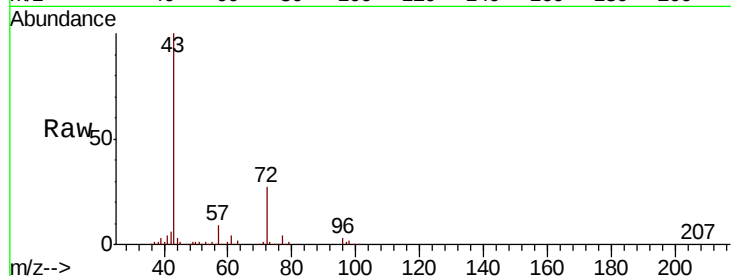
VU0907WBSD02

Tgt Ion: 43 Resp: 300795

Ion Ratio Lower Upper

43 100

72 27.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-961) (-)

Ion 72.00 (71.70 to 72.70): VU034274.D (-961) (-)

4.24

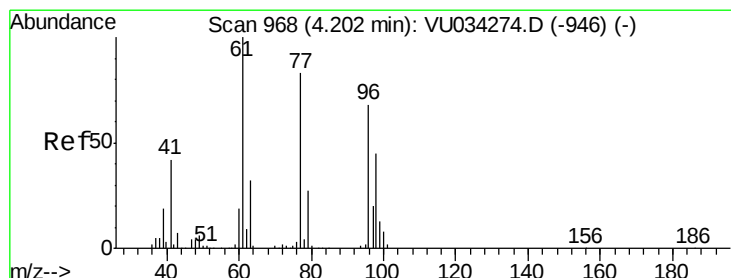
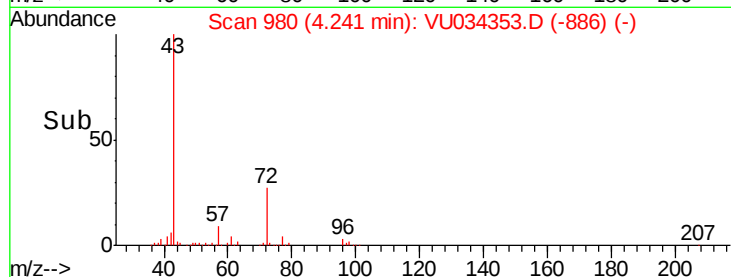
100000

50000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 15.858 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034353.D

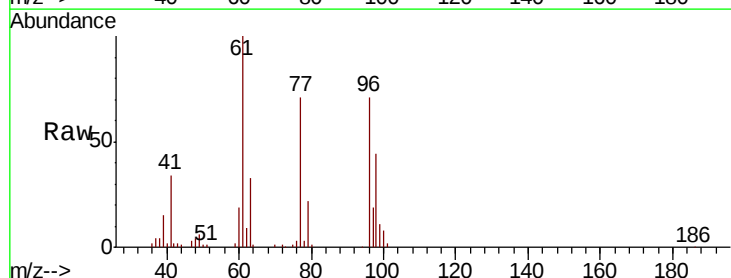
Acq: 07 Sep 2019 00:41

Tgt Ion: 77 Resp: 91392

Ion Ratio Lower Upper

77 100

97 24.6 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034274.D (-946) (-)

Ion 96.90 (96.60 to 97.60): VU034274.D (-946) (-)

4.20

40000

30000

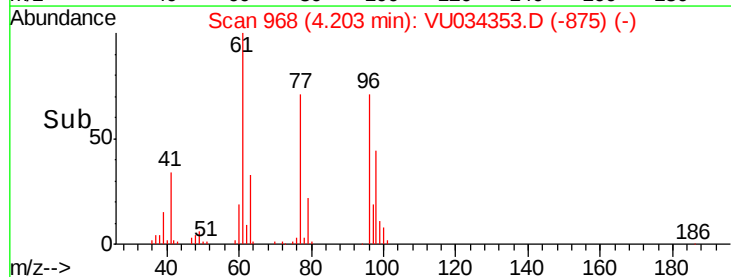
20000

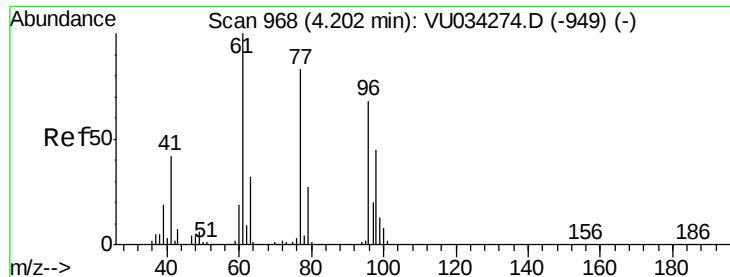
10000

0

4.10 4.20 4.30

Time-->



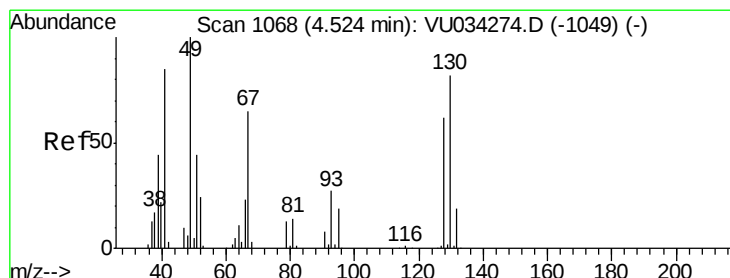
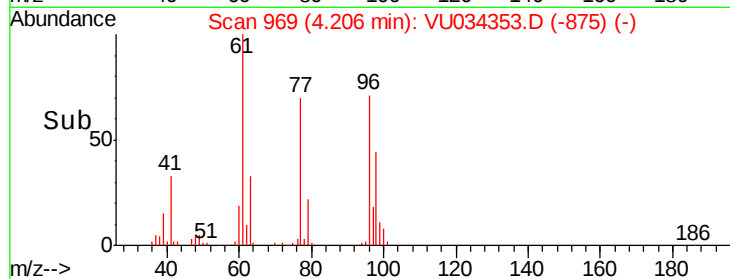
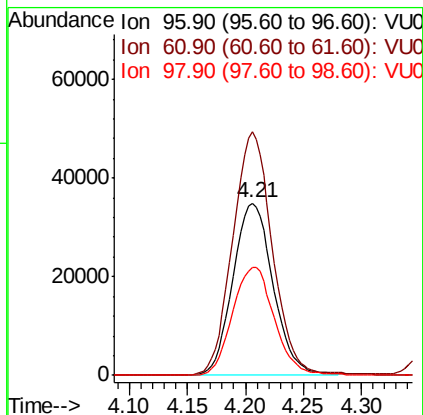
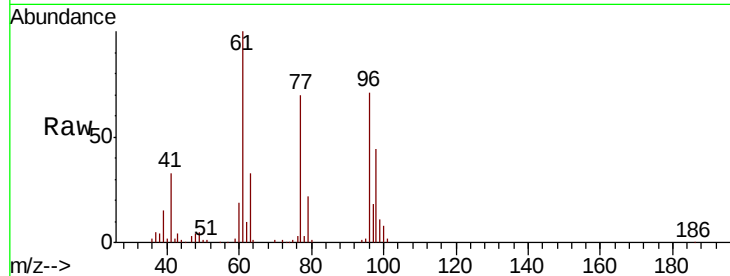


#27

cis-1,2-Dichloroethene
 Concen: 20.428 ug/l
 RT: 4.21 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

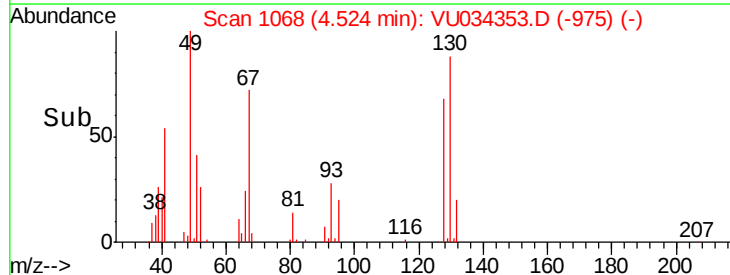
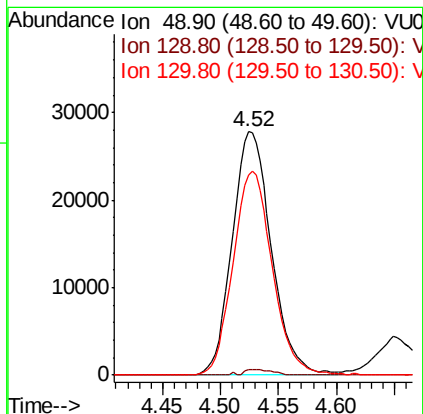
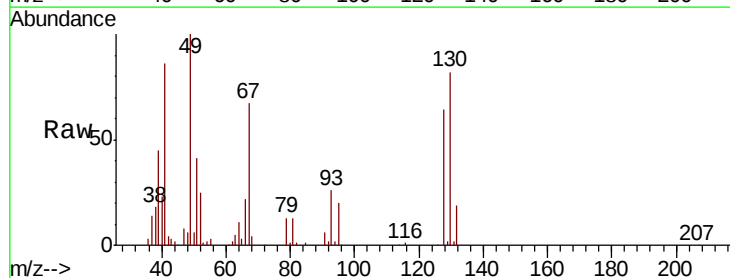
Tgt Ion: 96 Resp: 84144
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 297.4
 98 65.6 0.0 130.0

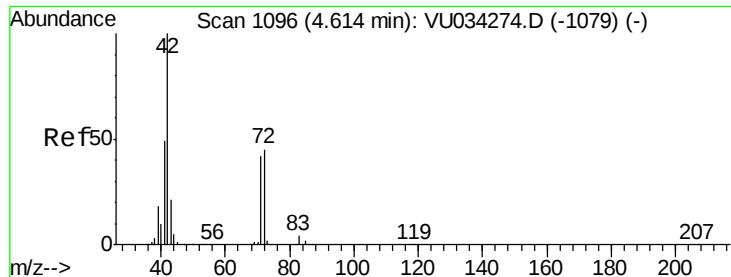


#28

Bromochloromethane
 Concen: 19.738 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Tgt Ion: 49 Resp: 65054
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 84.0 65.2 97.8





#29

Tetrahydrofuran

Concen: 104.634 ug/l

RT: 4.62 min Scan# 1097

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBSD02

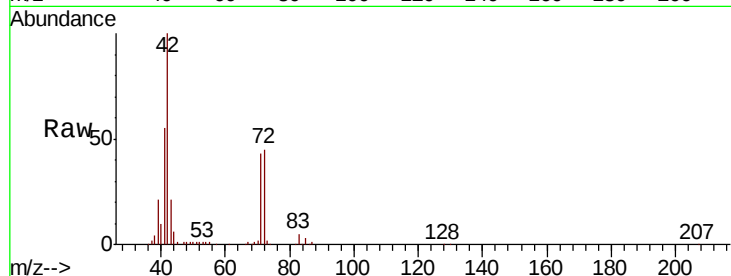
Tgt Ion: 42 Resp: 196845

Ion Ratio Lower Upper

42 100

72 45.7 36.6 54.8

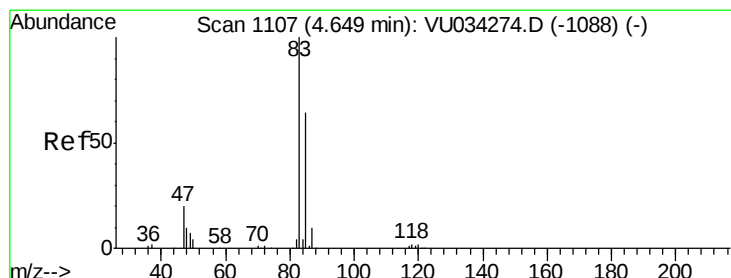
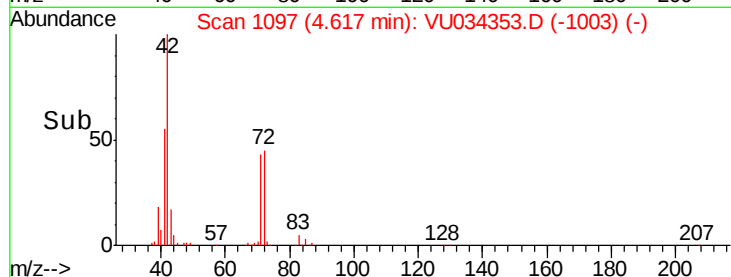
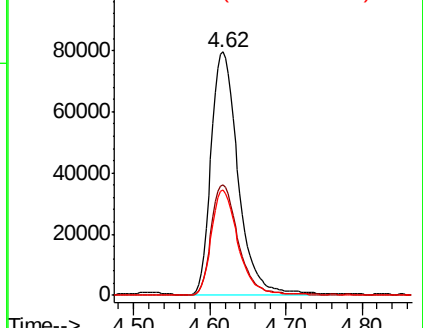
71 42.9 34.3 51.5



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 19.524 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU034353.D

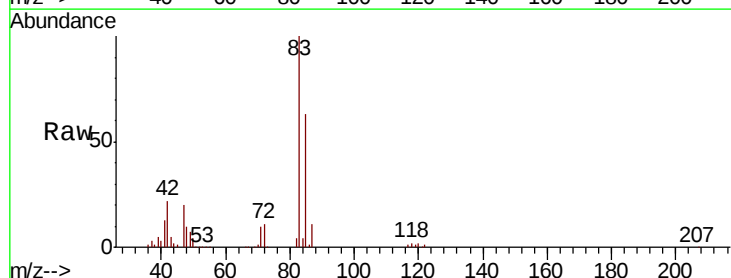
Acq: 07 Sep 2019 00:41

Tgt Ion: 83 Resp: 142203

Ion Ratio Lower Upper

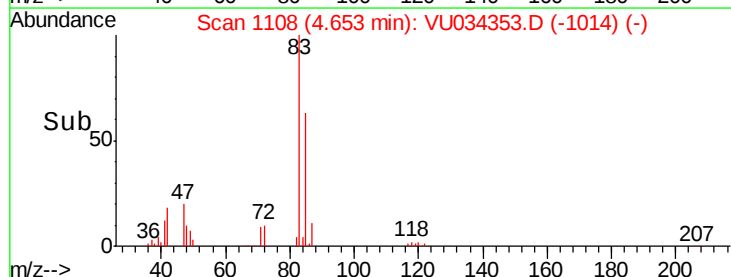
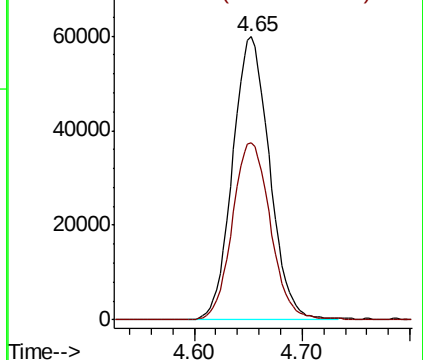
83 100

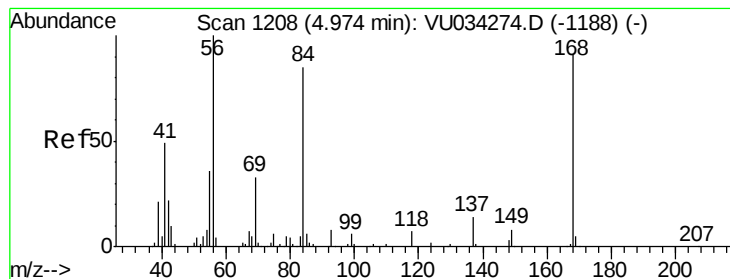
85 62.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 19.620 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBSD02

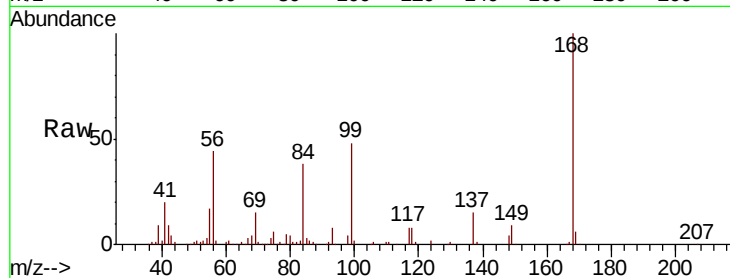
Tgt Ion: 56 Resp: 102852

Ion Ratio Lower Upper

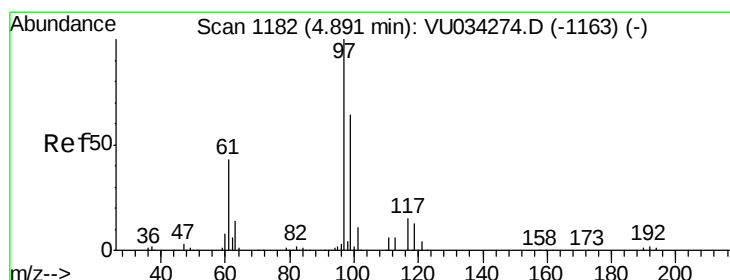
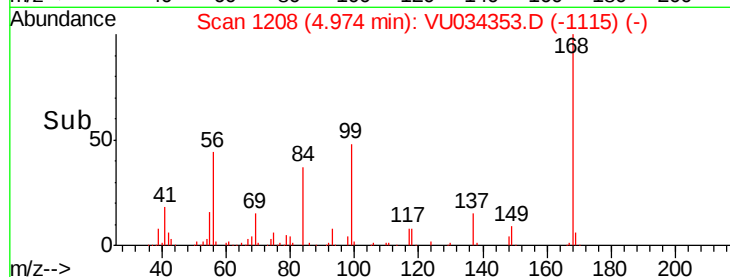
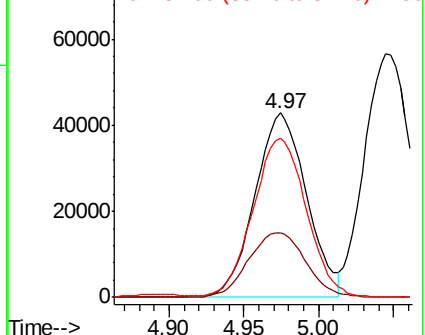
56 100

69 35.2 26.7 40.1

84 85.5 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 19.495 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

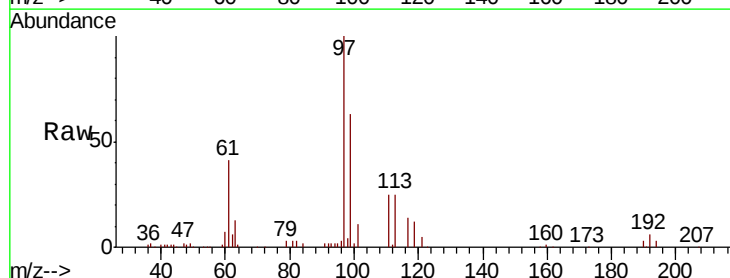
Tgt Ion: 97 Resp: 113526

Ion Ratio Lower Upper

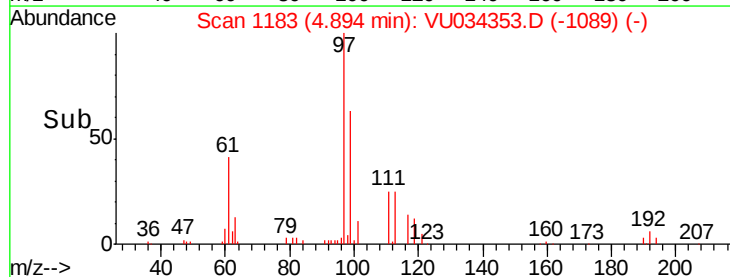
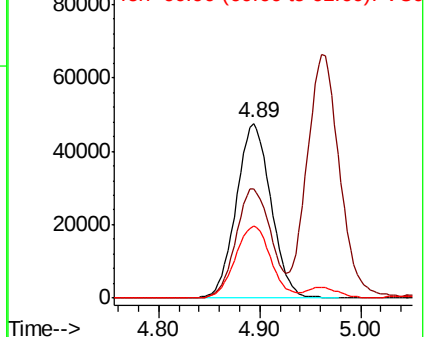
97 100

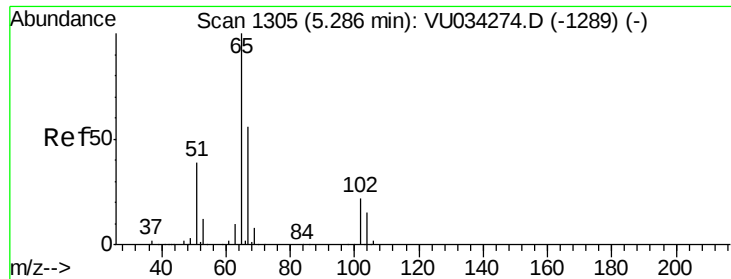
99 63.2 50.9 76.3

61 42.4 34.7 52.1



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

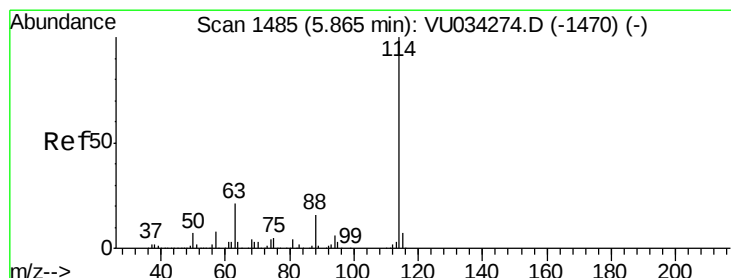
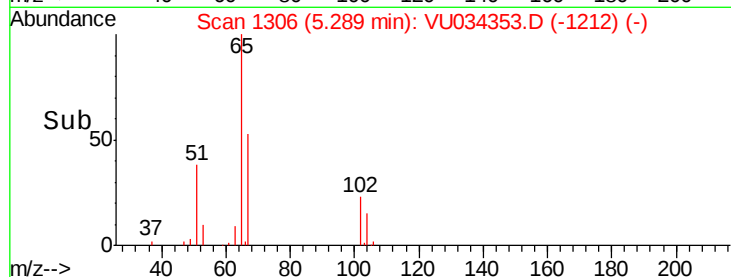
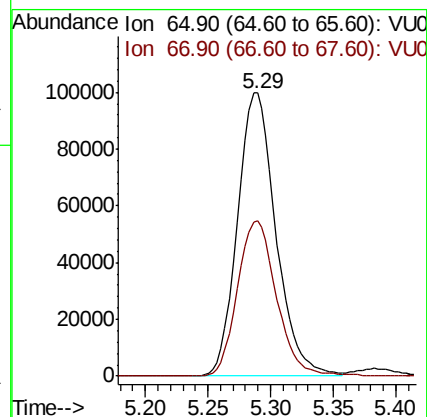
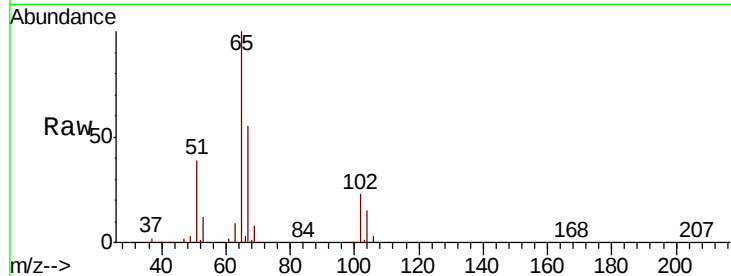




#33
 1,2-Dichloroethane-d4
 Concen: 47.512 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

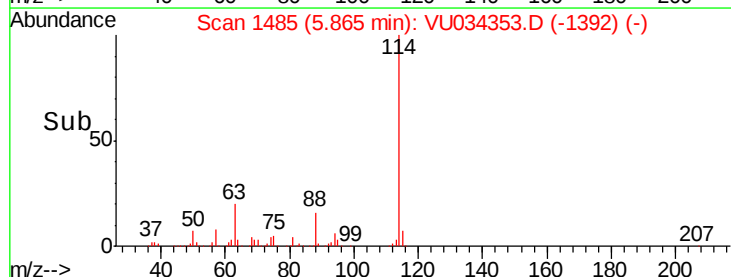
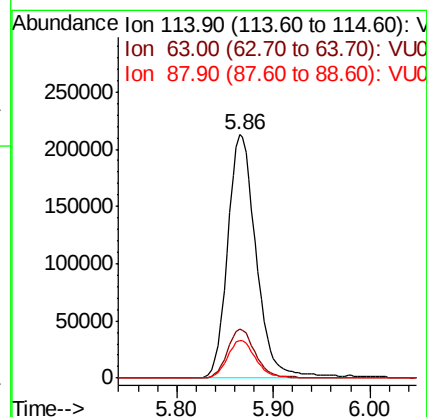
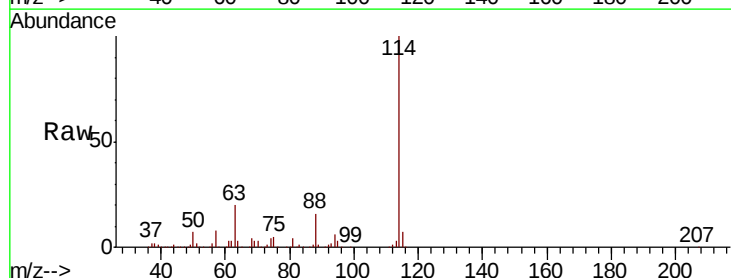
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

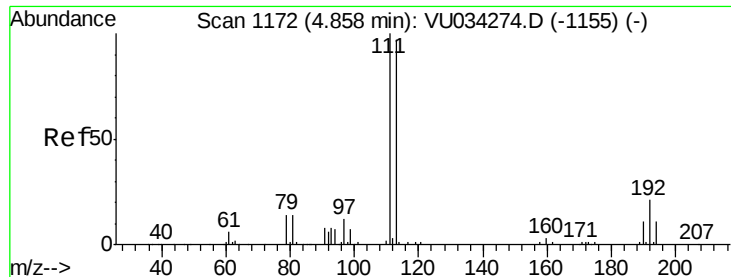
Tgt Ion: 65 Resp: 212642
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Tgt Ion: 114 Resp: 435608
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 15.6 0.0 32.4

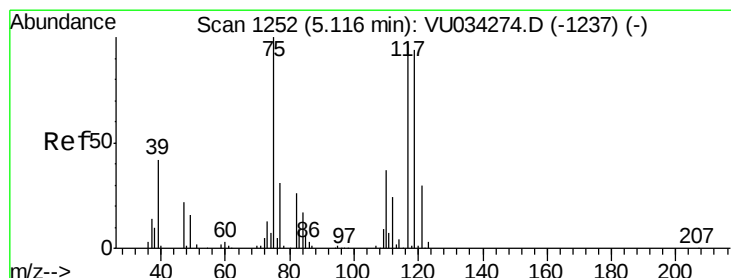
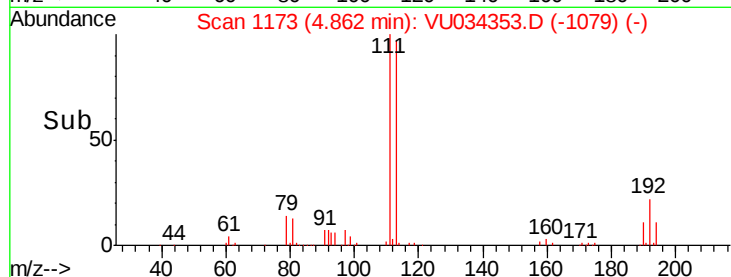
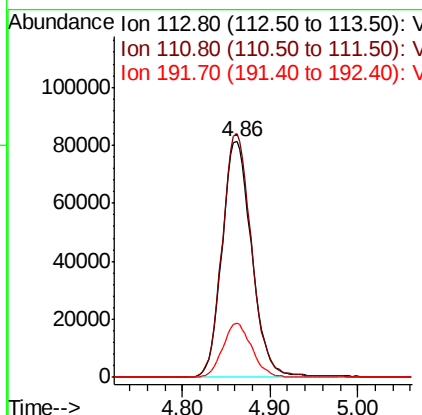
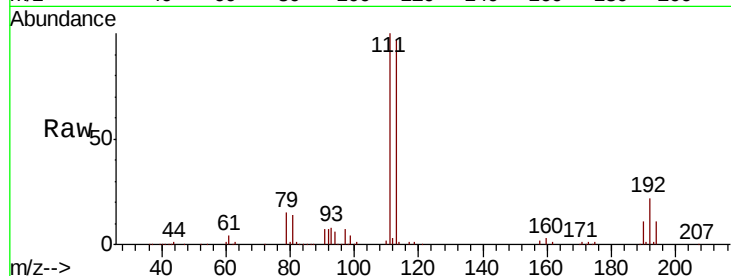




#35
 Dibromofluoromethane
 Concen: 47.345 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

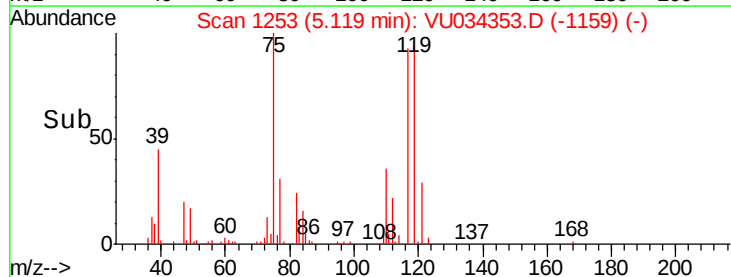
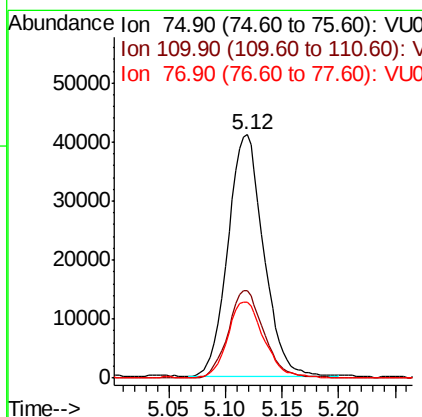
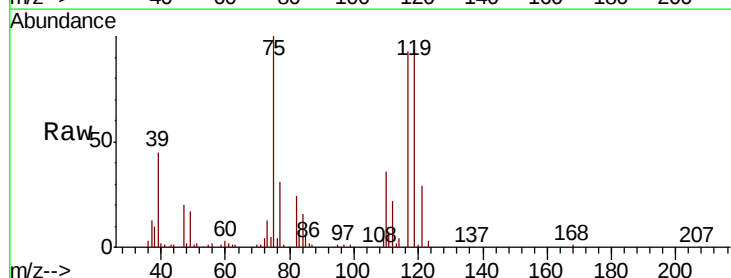
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

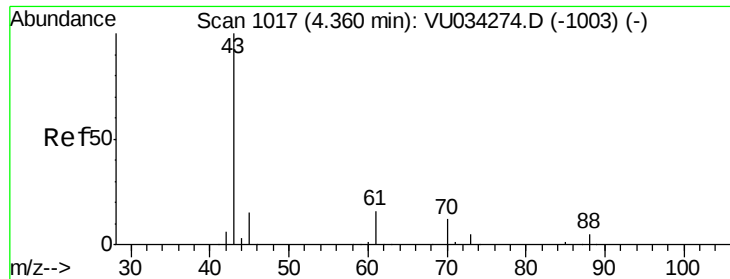
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	22.5	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 19.196 ug/l
 RT: 5.12 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.3	54.9
77	32.0	24.9	37.3

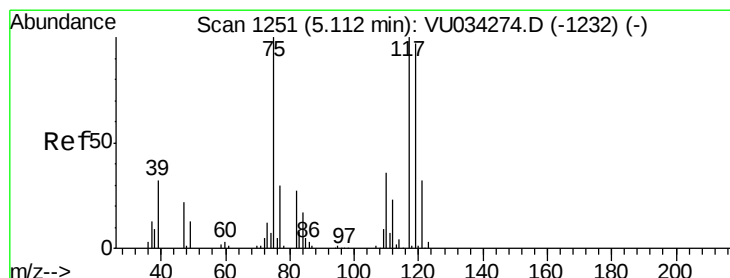
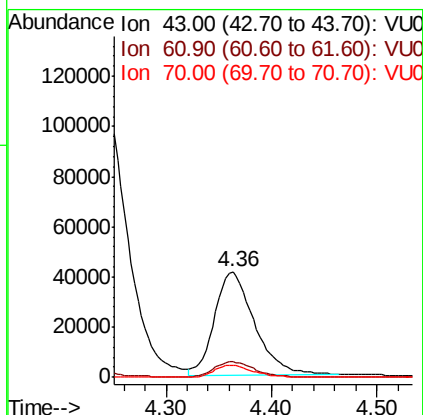
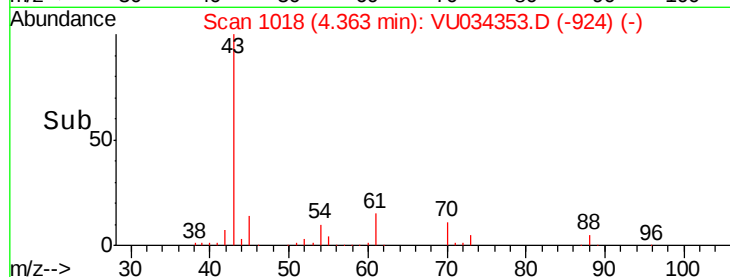
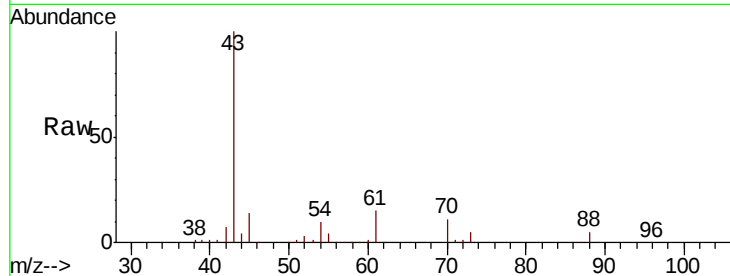




#37
 Ethyl Acetate
 Concen: 19.281 ug/l
 RT: 4.36 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

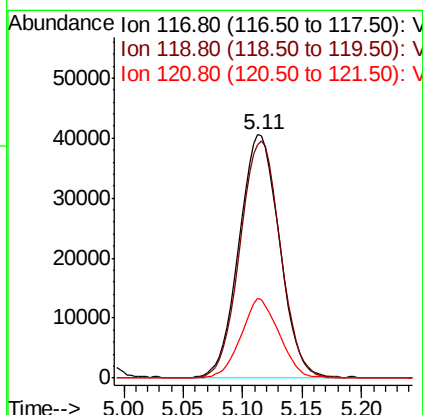
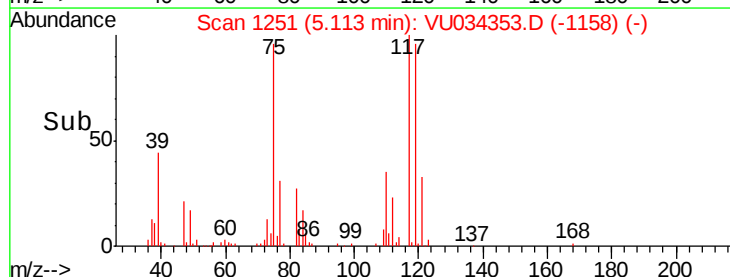
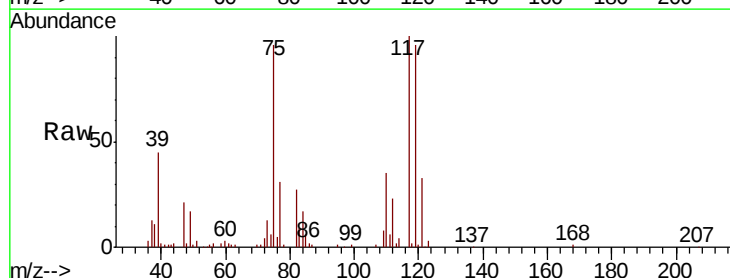
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

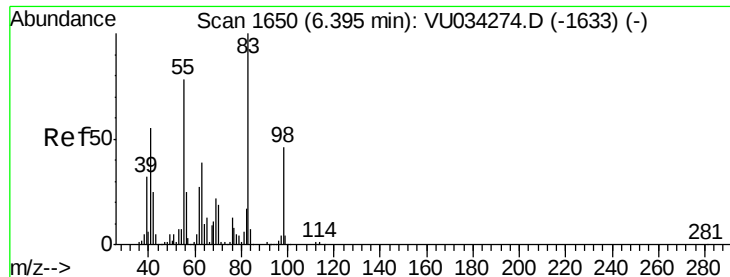
Tgt Ion: 43 Resp: 107693
 Ion Ratio Lower Upper
 43 100
 61 14.0 12.3 18.5
 70 11.5 9.1 13.7



#38
 Carbon Tetrachloride
 Concen: 18.788 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Tgt Ion: 117 Resp: 94768
 Ion Ratio Lower Upper
 117 100
 119 96.3 77.8 116.6
 121 32.8 25.2 37.8

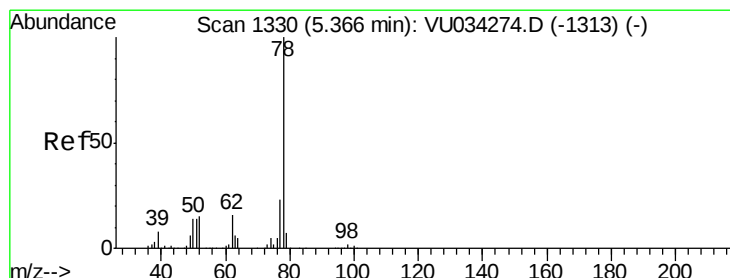
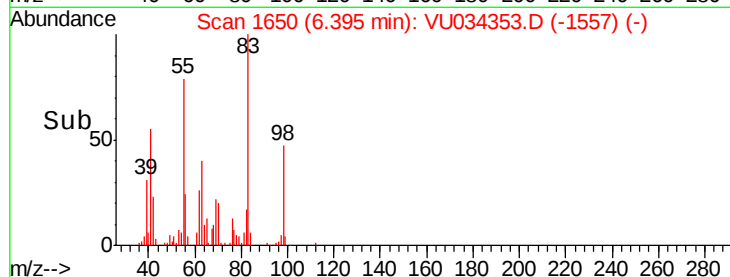
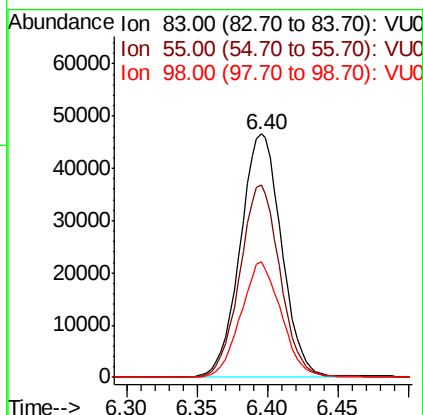
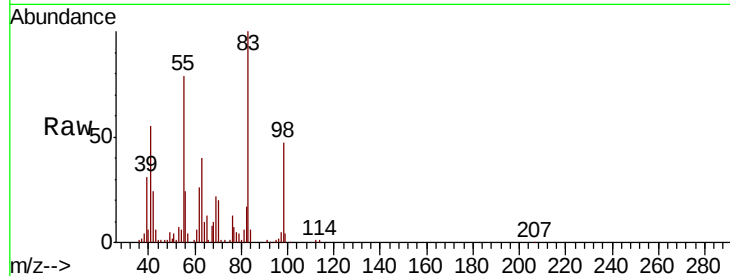




#39
Methylcyclohexane
Concen: 18.922 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

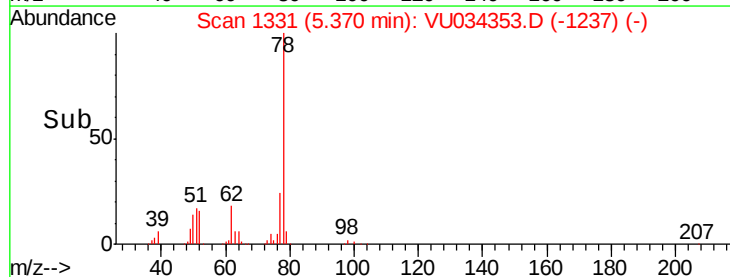
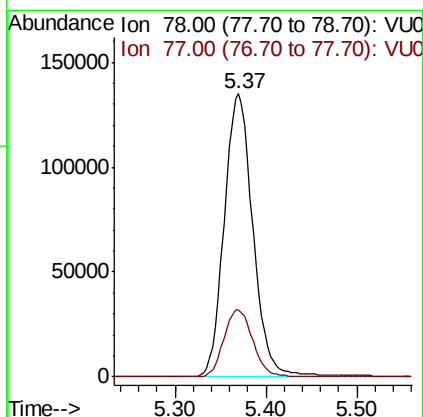
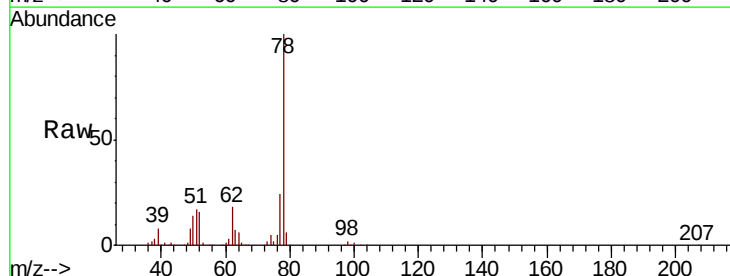
Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD02

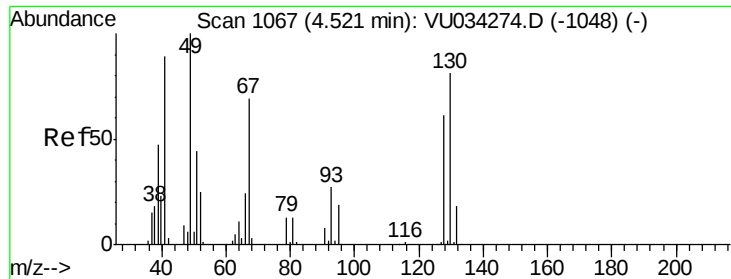
Tgt Ion: 83 Resp: 95559
Ion Ratio Lower Upper
83 100
55 79.2 62.1 93.1
98 47.5 37.0 55.6



#40
Benzene
Concen: 19.440 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Tgt Ion: 78 Resp: 296335
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

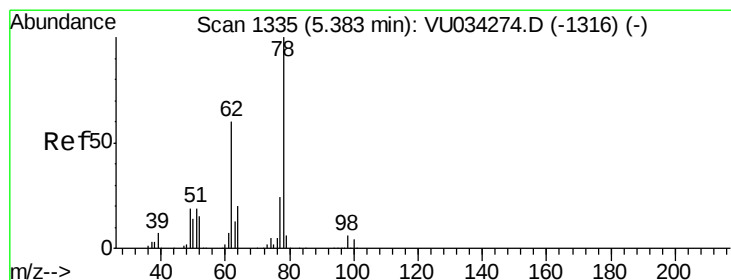
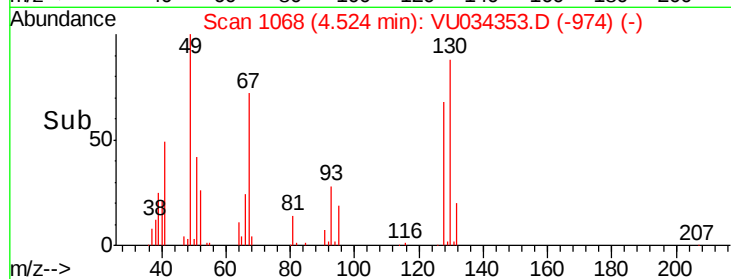
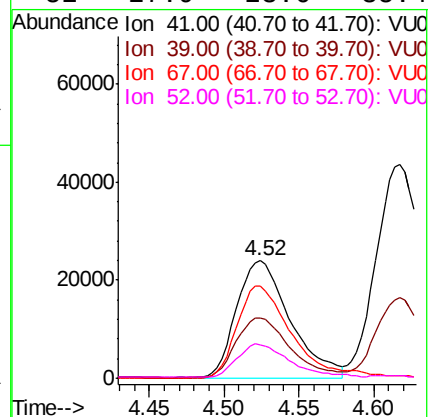
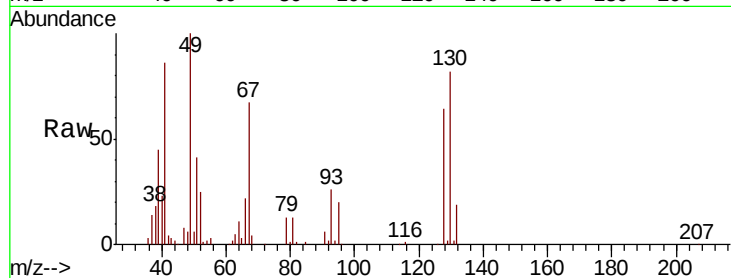




#41
Methacrylonitrile
Concen: 19.989 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

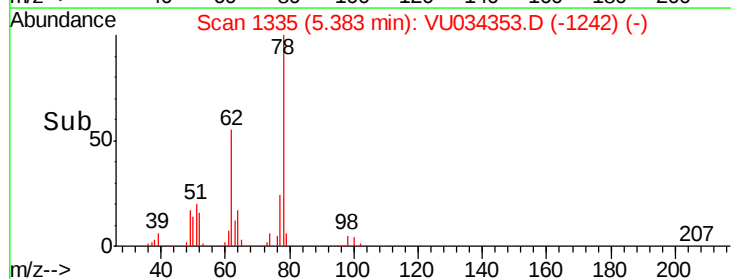
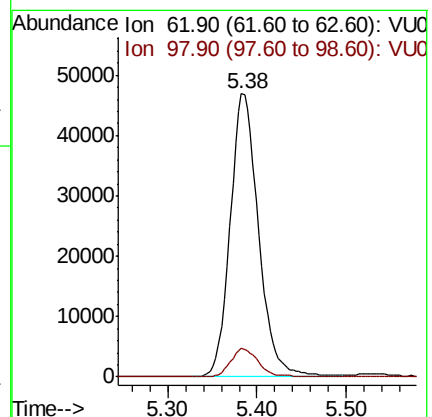
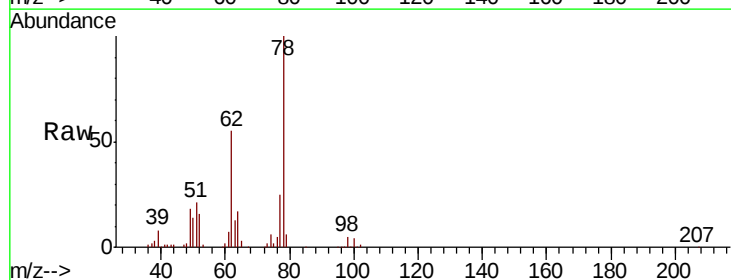
Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD02

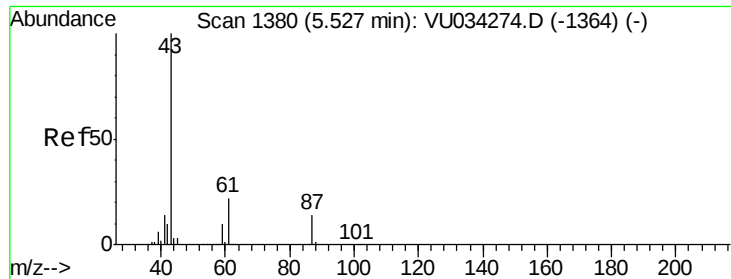
Tgt Ion:	41	Resp:	59472
Ion	Ratio	Lower	Upper
41	100		
39	52.1	41.0	61.4
67	81.9	62.4	93.6
52	27.9	23.6	35.4



#42
1,2-Dichloroethane
Concen: 19.574 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Tgt Ion:	62	Resp:	103598
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.0





#43

Isopropyl Acetate

Concen: 19.655 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBSD02

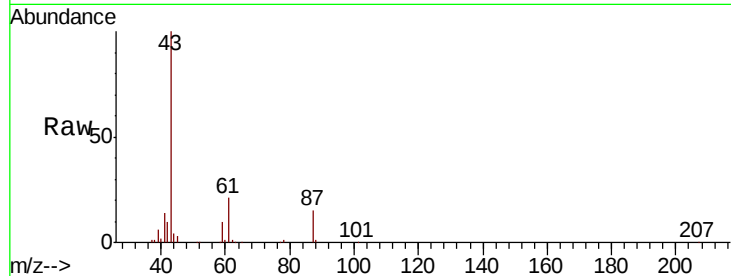
Tgt Ion: 43 Resp: 171259

Ion Ratio Lower Upper

43 100

61 21.8 17.1 25.7

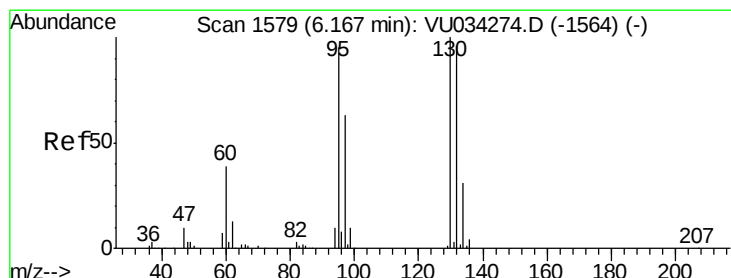
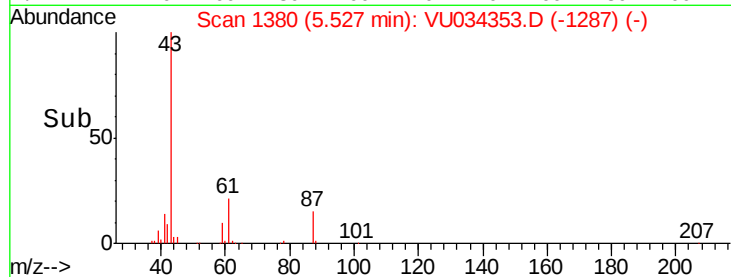
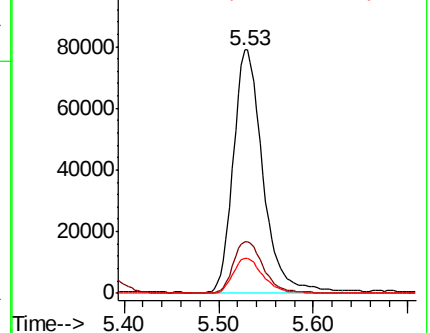
87 14.7 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034353.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034353.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034353.D (-1287) (-)



#44

Trichloroethene

Concen: 19.801 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034353.D

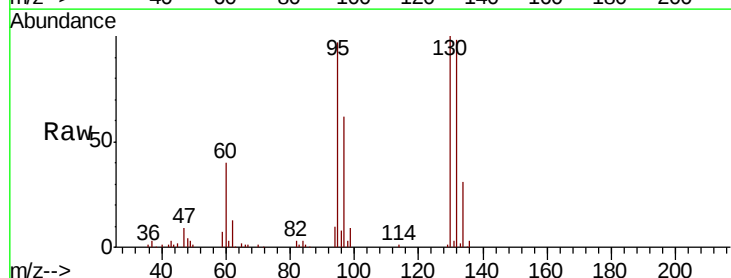
Acq: 07 Sep 2019 00:41

Tgt Ion: 130 Resp: 83527

Ion Ratio Lower Upper

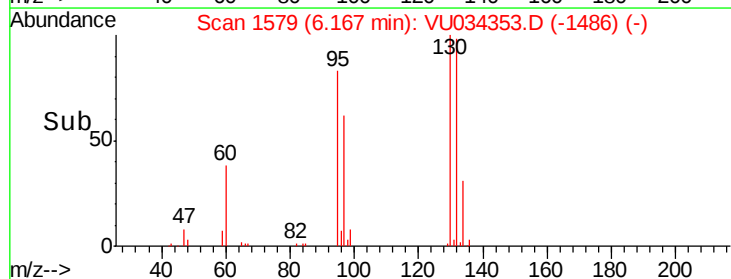
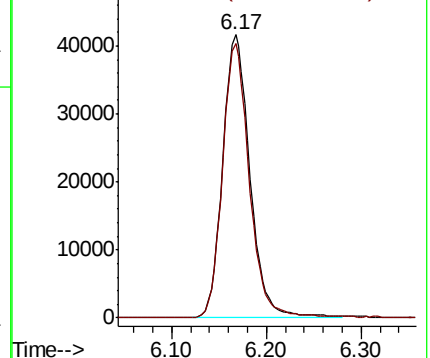
130 100

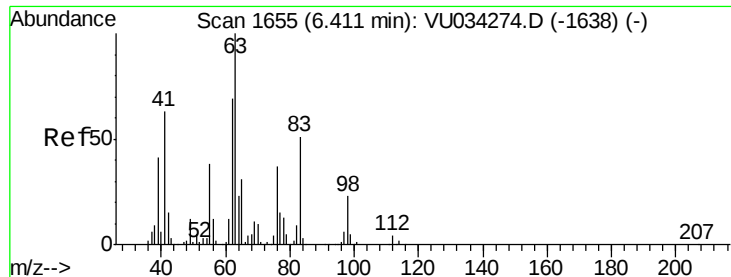
95 96.9 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VU034353.D (-1486) (-)

Ion 94.90 (94.60 to 95.60): VU034353.D (-1486) (-)

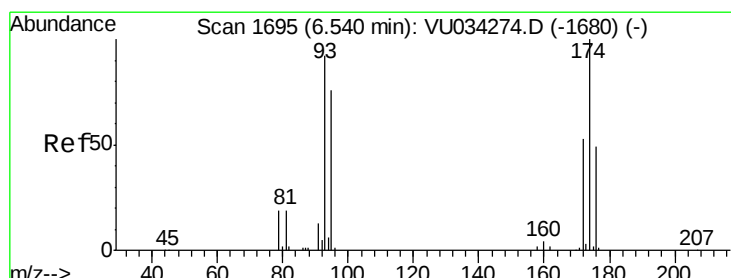
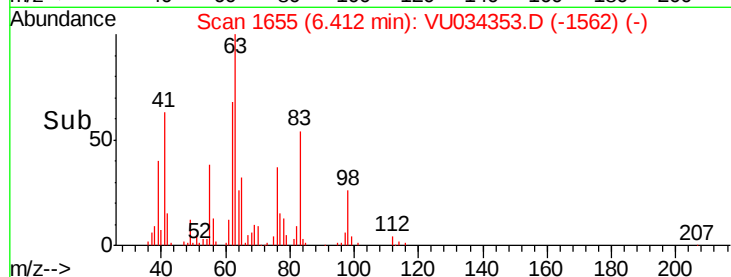
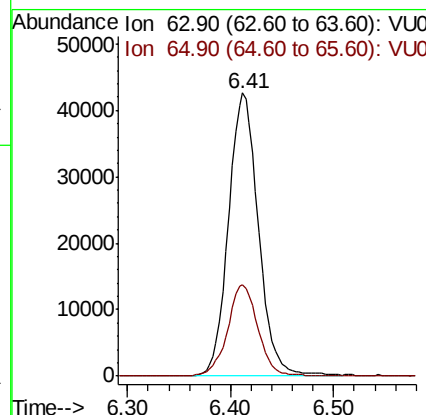
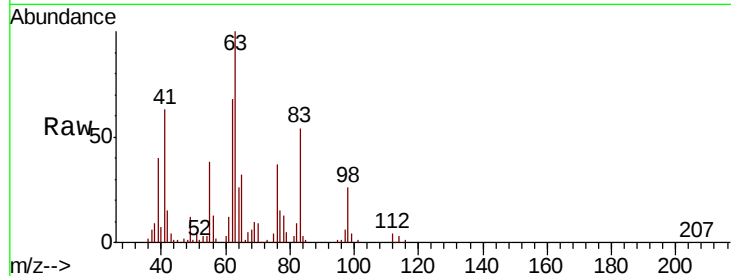




#45
 1,2-Dichloropropane
 Concen: 19.340 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

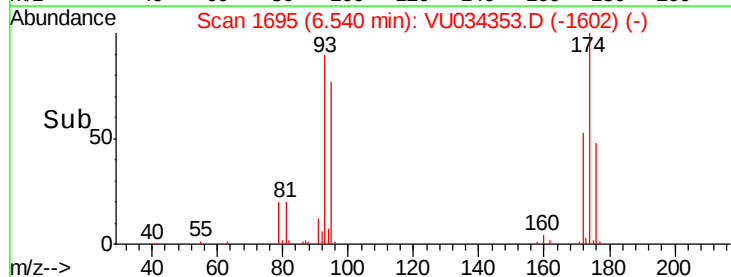
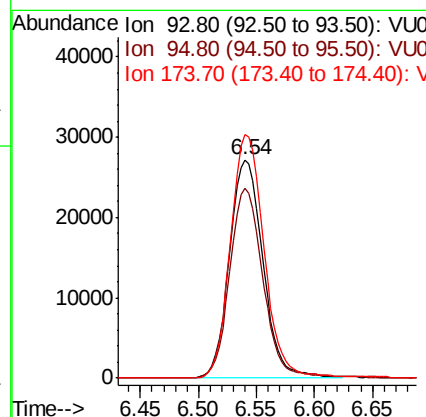
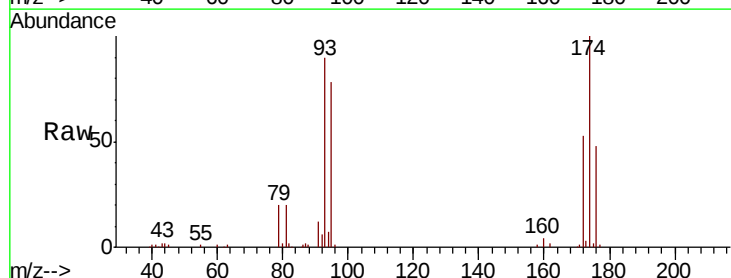
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

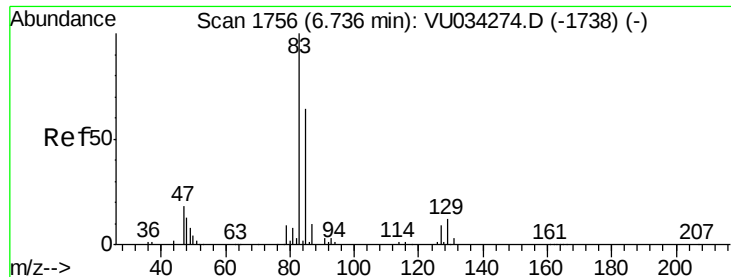
Tgt Ion: 63 Resp: 86187
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.6 37.0



#46
 Dibromomethane
 Concen: 19.471 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Tgt Ion: 93 Resp: 54466
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.5 99.7
 174 111.5 87.8 131.6





#47

Bromodichloromethane

Concen: 19.205 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBSD02

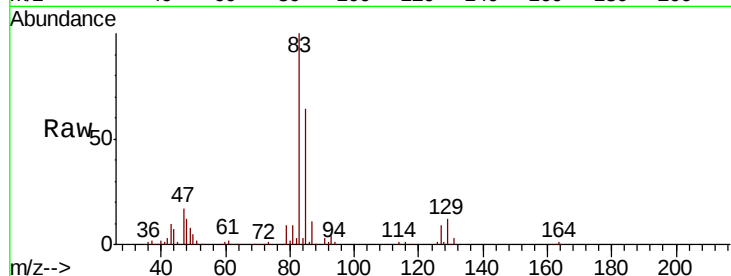
Tgt Ion: 83 Resp: 110584

Ion Ratio Lower Upper

83 100

85 64.1 51.1 76.7

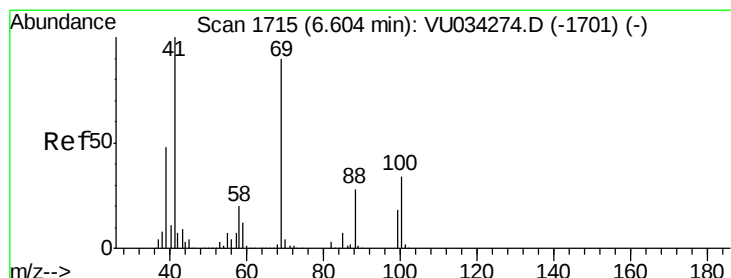
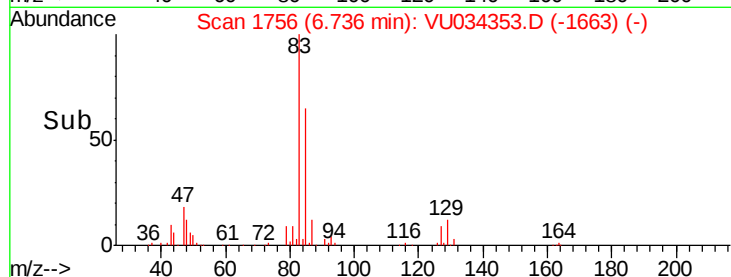
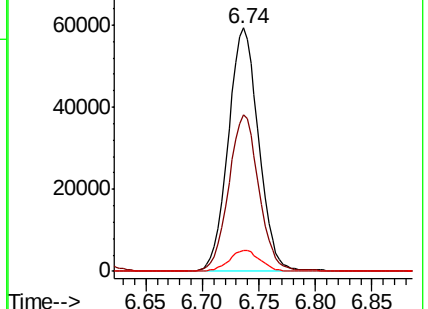
127 8.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU034353.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034353.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034353.D (-1663) (-)



#48

Methyl methacrylate

Concen: 18.808 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

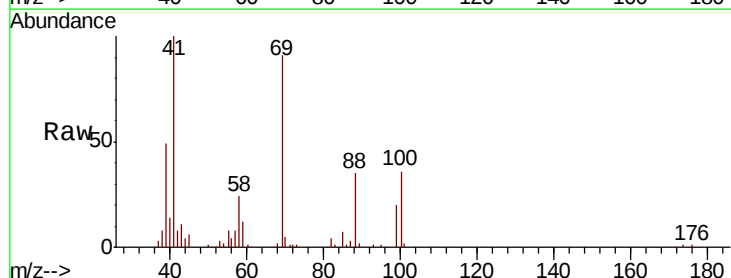
Tgt Ion: 41 Resp: 77836

Ion Ratio Lower Upper

41 100

69 95.5 72.8 109.2

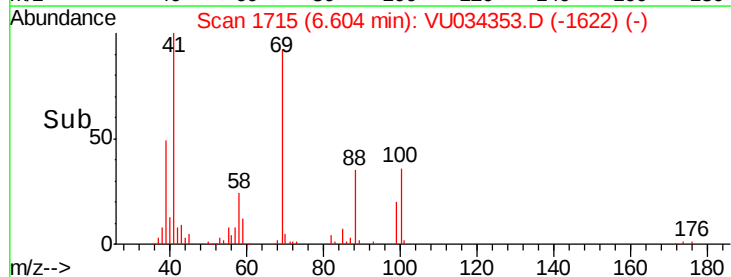
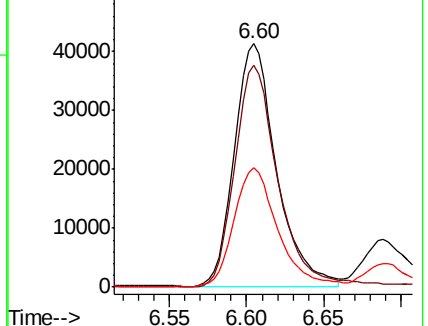
39 50.4 38.6 58.0

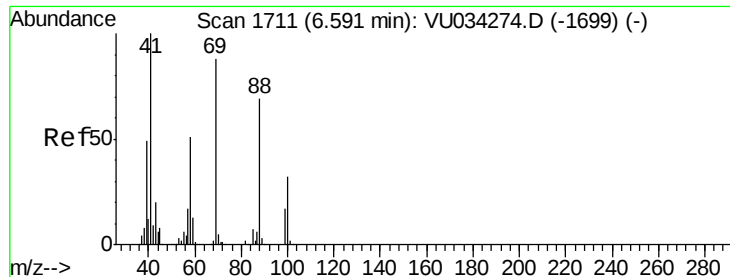


Abundance Ion 41.00 (40.70 to 41.70): VU034353.D (-1622) (-)

Ion 69.00 (68.70 to 69.70): VU034353.D (-1622) (-)

Ion 39.00 (38.70 to 39.70): VU034353.D (-1622) (-)





#49

1,4-Dioxane

Concen: 430.651 ug/l

RT: 6.59 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBSD02

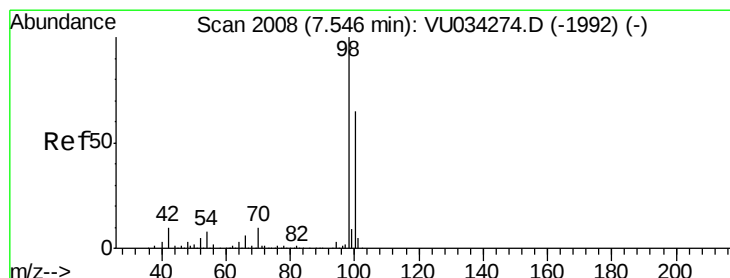
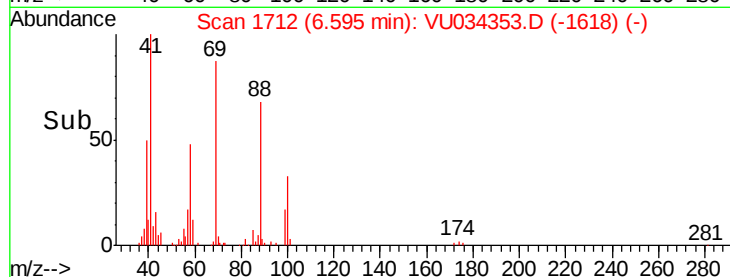
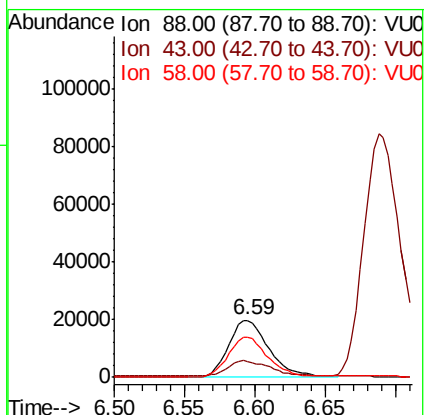
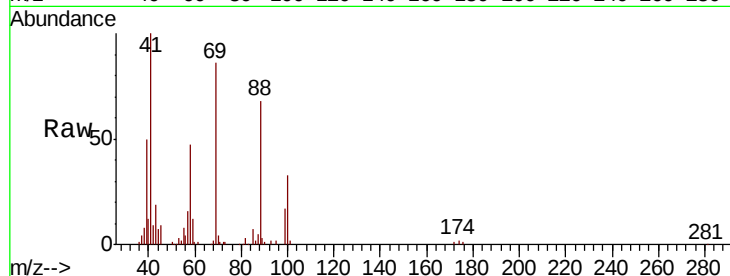
Tgt Ion: 88 Resp: 38918

Ion Ratio Lower Upper

88 100

43 29.2 23.8 35.6

58 71.5 58.4 87.6



#50

Toluene-d8

Concen: 49.317 ug/l

RT: 7.54 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VU034353.D

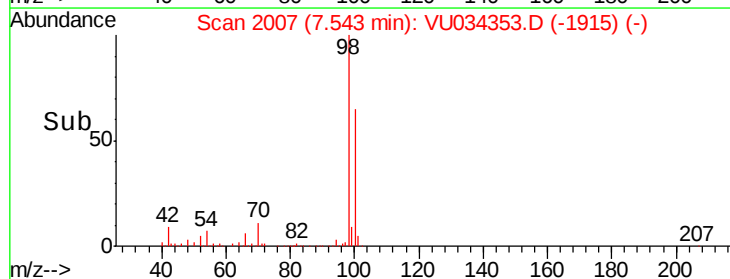
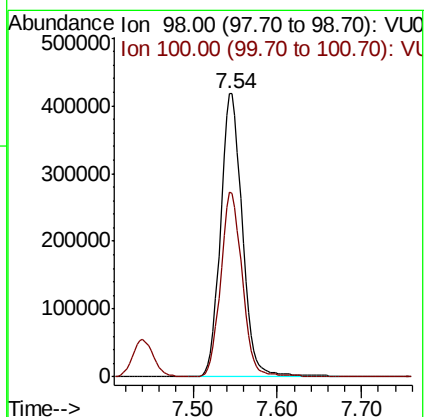
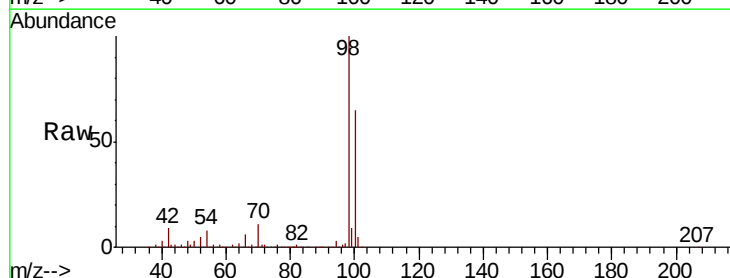
Acq: 07 Sep 2019 00:41

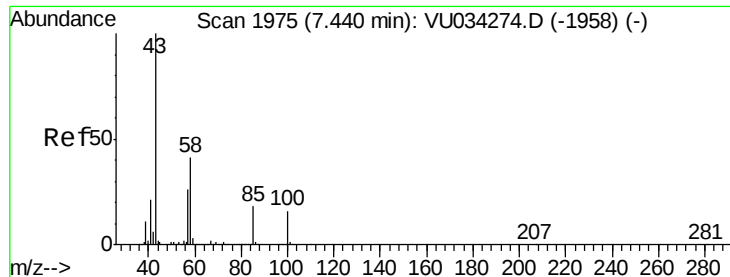
Tgt Ion: 98 Resp: 751021

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5

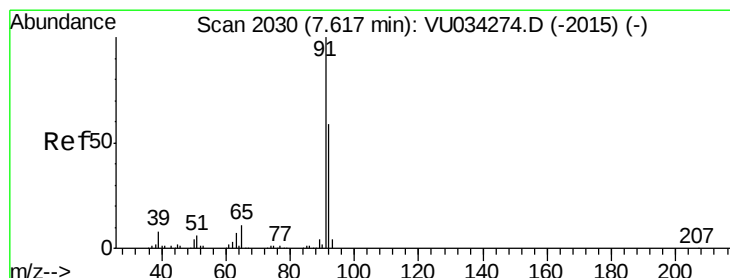
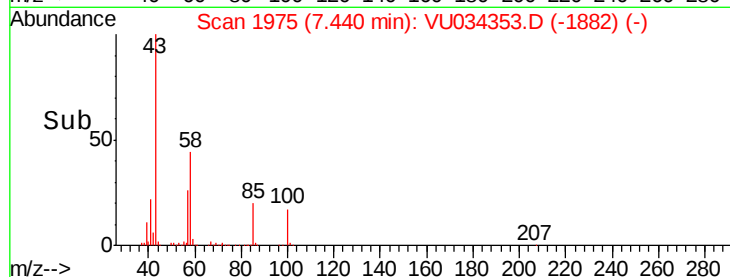
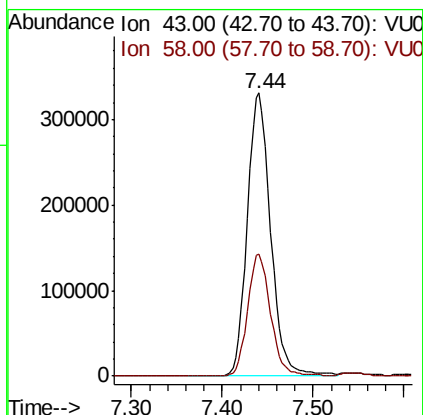
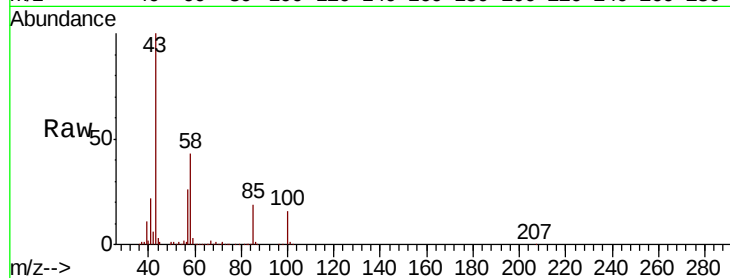




#51
 4-Methyl-2-Pentanone
 Concen: 97.836 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

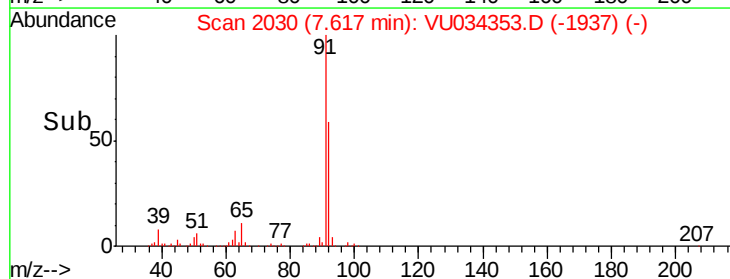
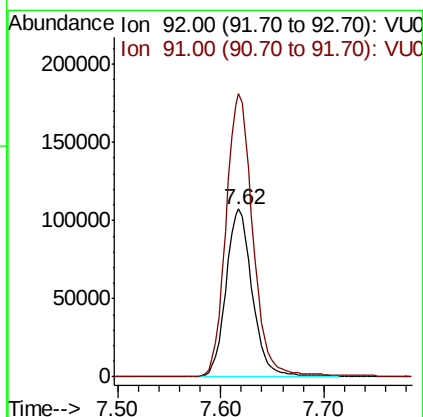
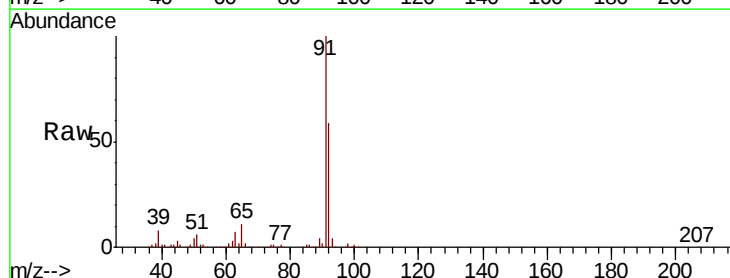
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

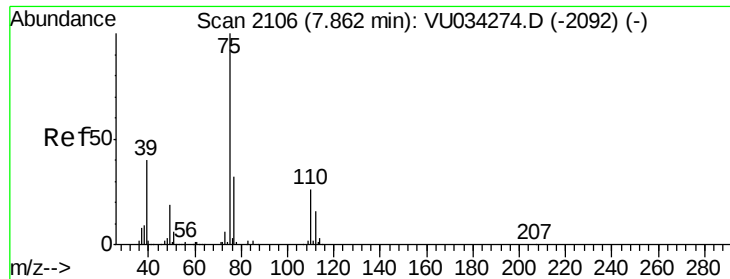
Tgt Ion: 43 Resp: 590085
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.0 49.4



#52
 Toluene
 Concen: 20.038 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Tgt Ion: 92 Resp: 191613
 Ion Ratio Lower Upper
 92 100
 91 172.3 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.780 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

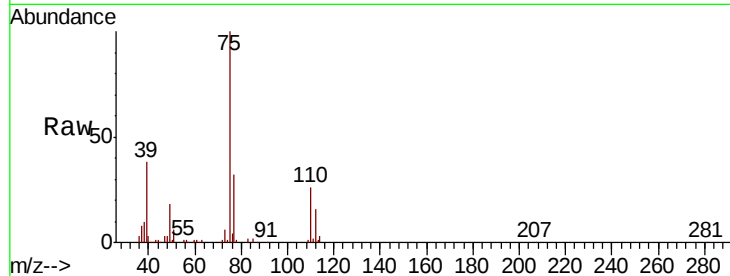
VU0907WBSD02

Tgt Ion: 75 Resp: 112094

Ion Ratio Lower Upper

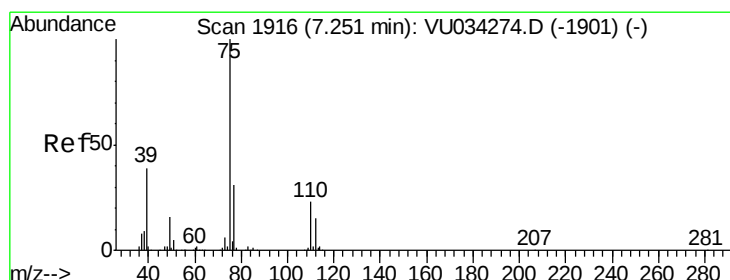
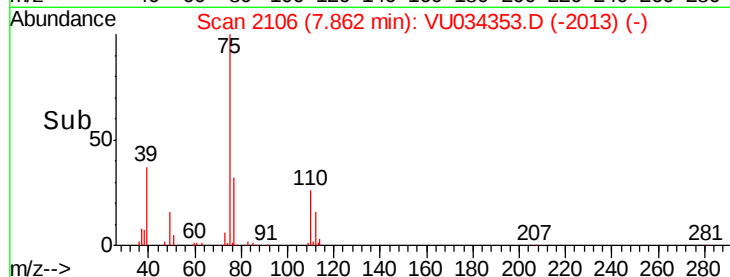
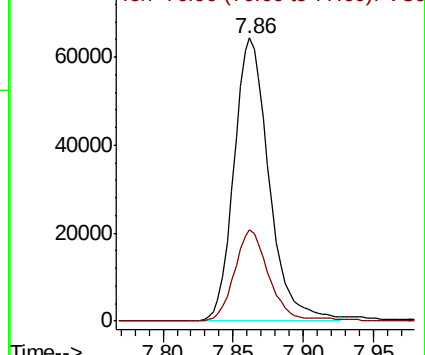
75 100

77 32.2 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 19.026 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

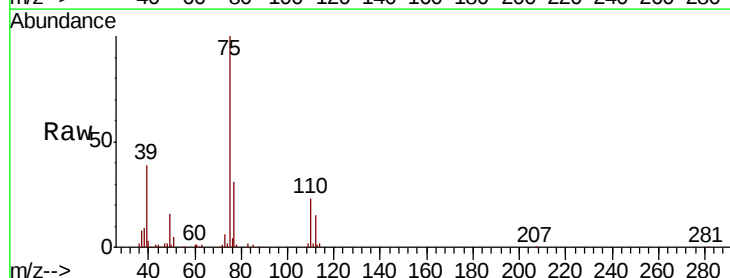
Tgt Ion: 75 Resp: 124644

Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7

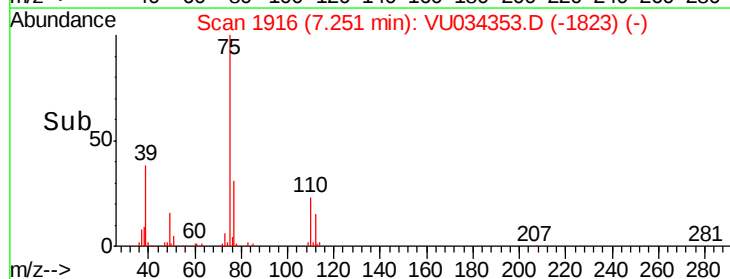
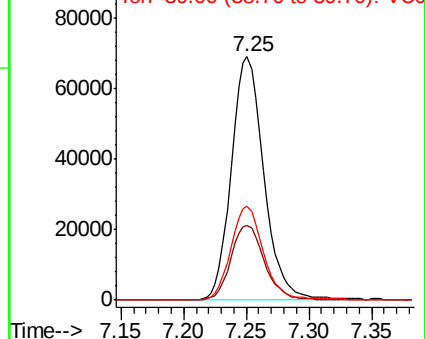
39 38.4 31.2 46.8

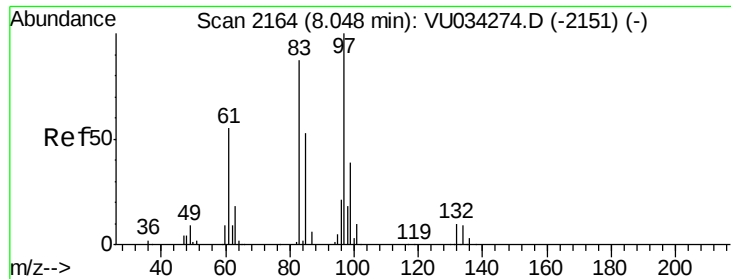


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

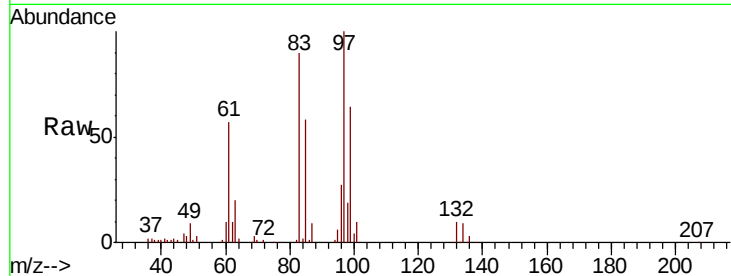




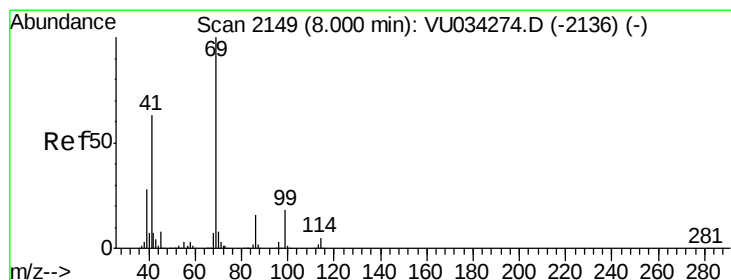
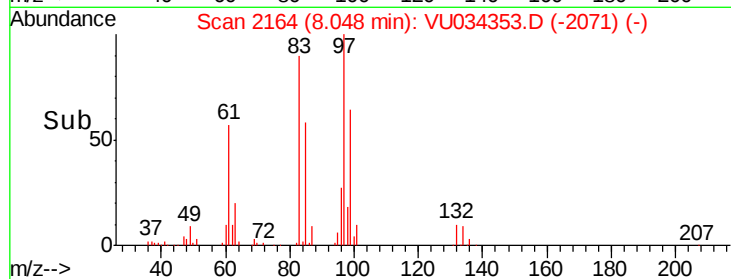
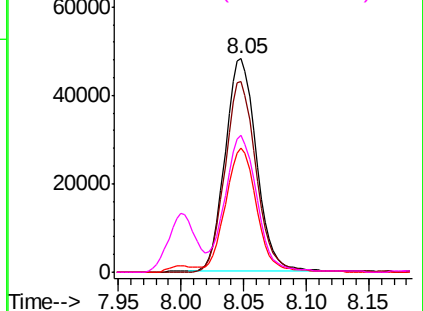
#55
 1,1,2-Trichloroethane
 Concen: 19.211 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

Tgt Ion:	97	Resp:	83417
Ion	Ratio	Lower	Upper
97	100		
83	89.9	69.0	103.6
85	58.1	44.2	66.2
99	63.6	49.4	74.0

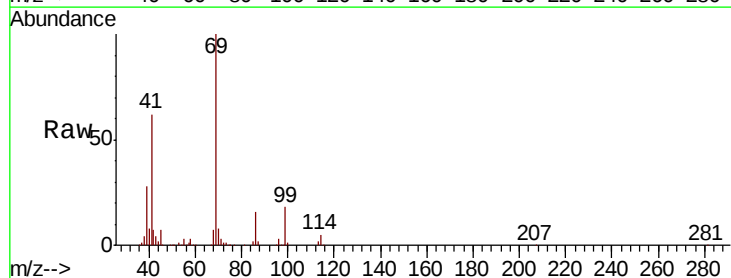


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

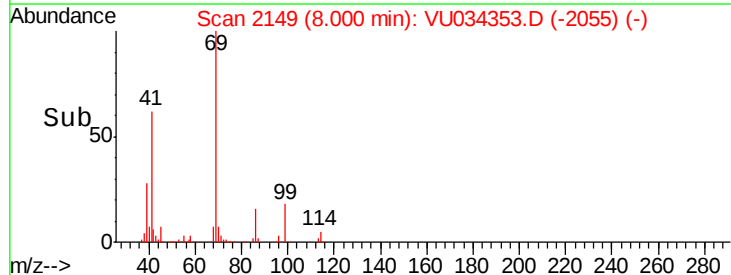
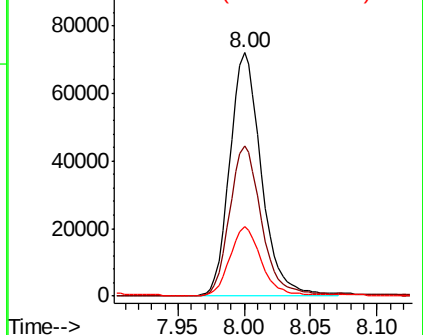


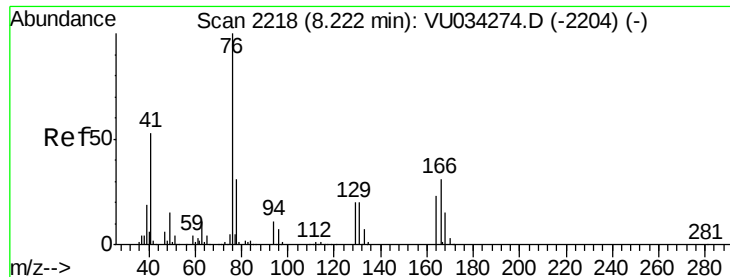
#56
 Ethyl methacrylate
 Concen: 20.141 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Tgt Ion:	69	Resp:	119957
Ion	Ratio	Lower	Upper
69	100		
41	62.3	49.5	74.3
39	27.5	22.5	33.7



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





#57

1,3-Dichloropropane

Concen: 19.270 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

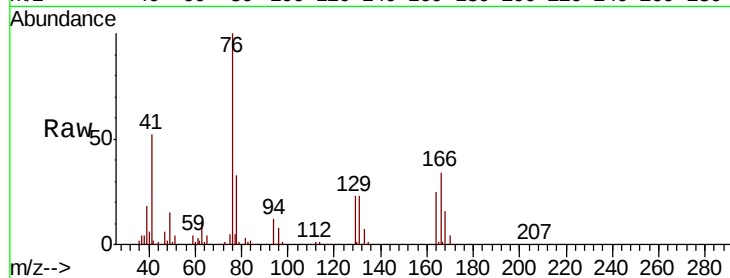
VU0907WBSD02

Tgt Ion: 76 Resp: 136250

Ion Ratio Lower Upper

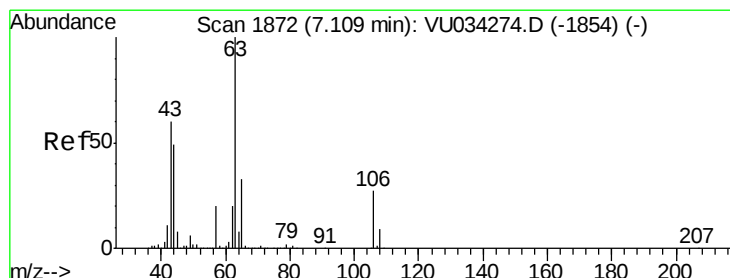
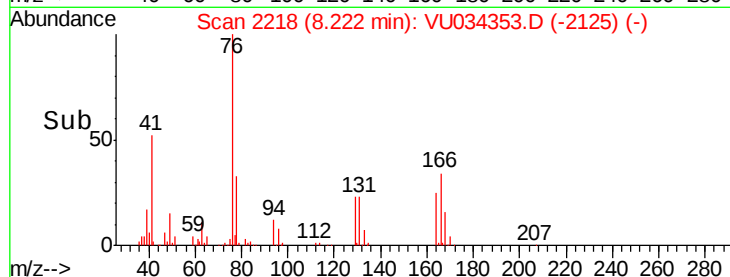
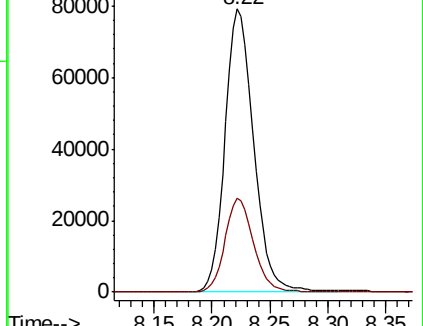
76 100

78 32.8 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VU034274.D (-2204) (-)

Ion 77.90 (77.60 to 78.60): VU034274.D (-2204) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 101.527 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034353.D

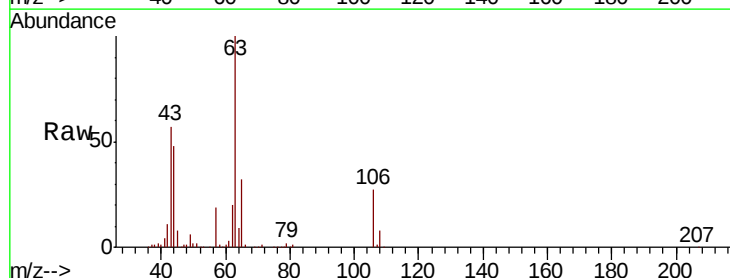
Acq: 07 Sep 2019 00:41

Tgt Ion: 63 Resp: 203004

Ion Ratio Lower Upper

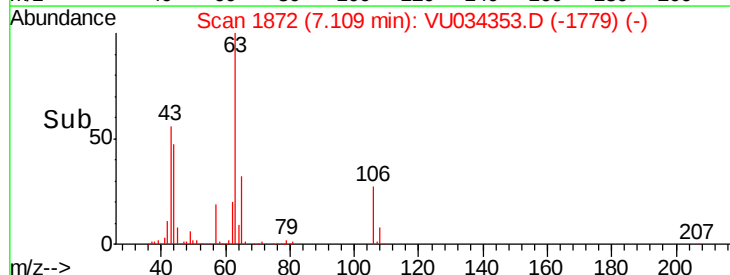
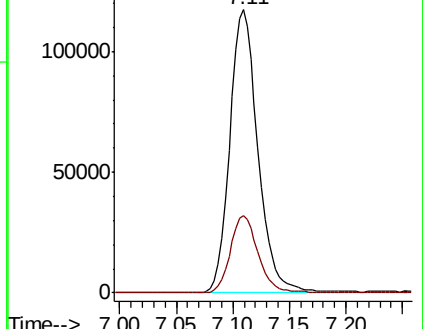
63 100

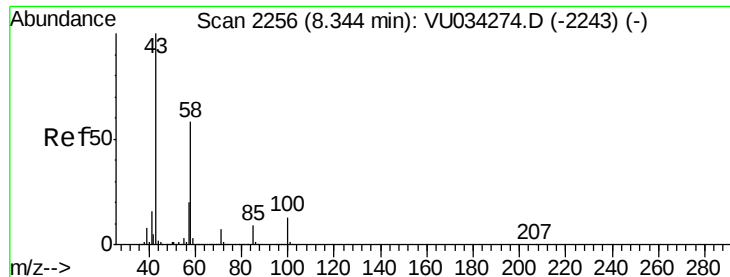
106 27.2 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU034274.D (-1854) (-)

Ion 105.90 (105.60 to 106.60): VU034274.D (-1854) (-)

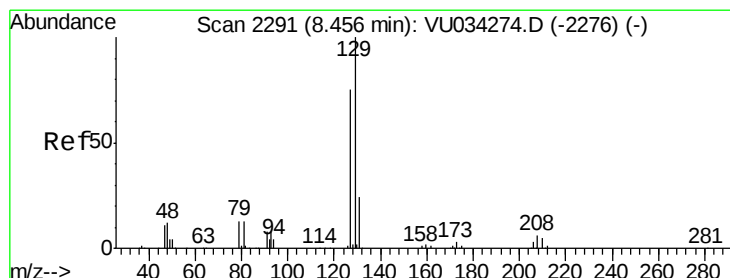
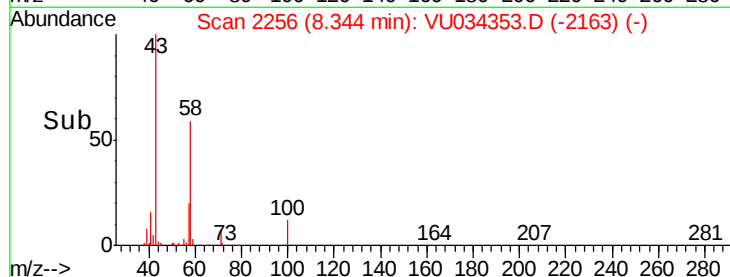
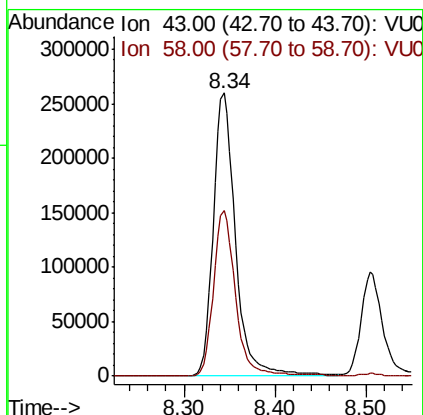
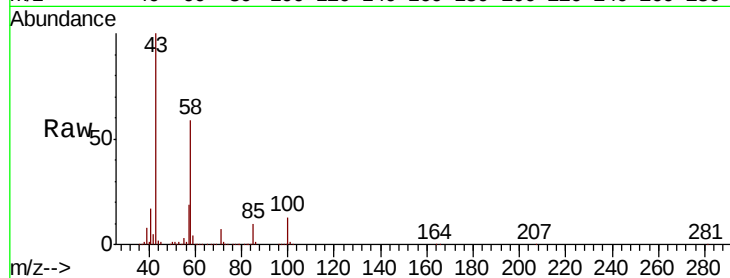




#59
2-Hexanone
Concen: 97.360 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

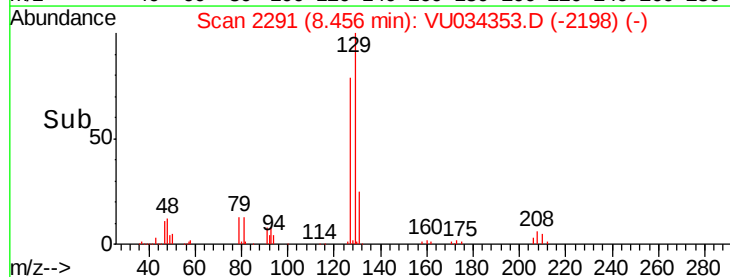
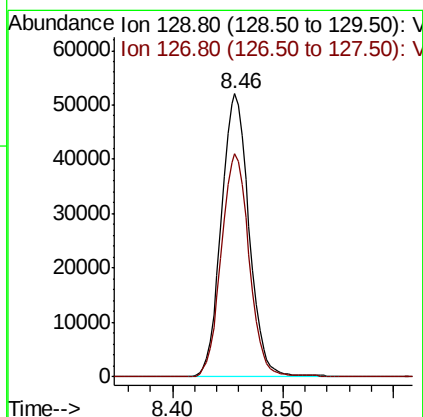
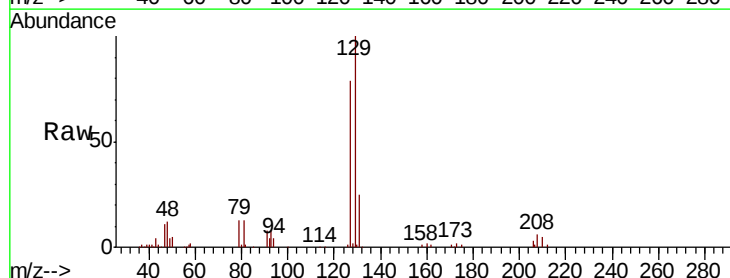
Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD02

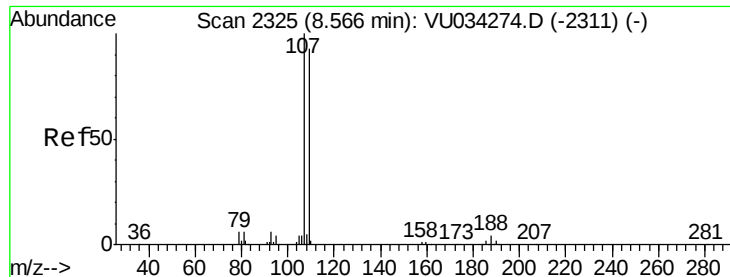
Tgt Ion: 43 Resp: 438680
Ion Ratio Lower Upper
43 100
58 58.7 28.8 86.5



#60
Dibromochloromethane
Concen: 19.549 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Tgt Ion: 129 Resp: 91048
Ion Ratio Lower Upper
129 100
127 79.2 37.9 113.7





#61

1,2-Dibromoethane

Concen: 19.746 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

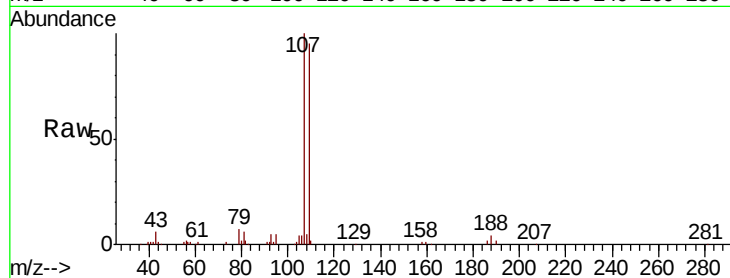
VU0907WBSD02

Tgt Ion: 107 Resp: 83920

Ion Ratio Lower Upper

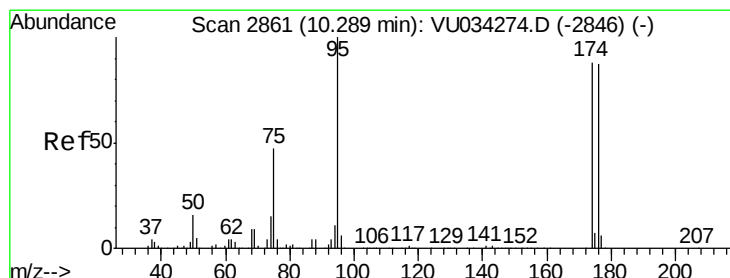
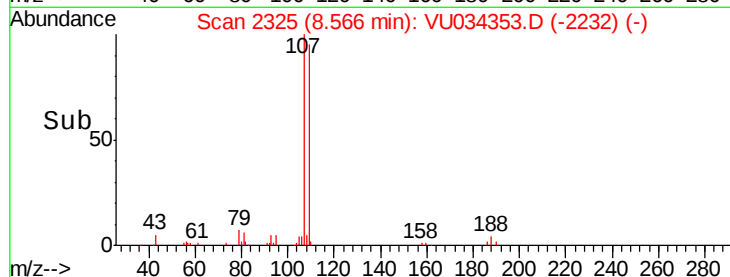
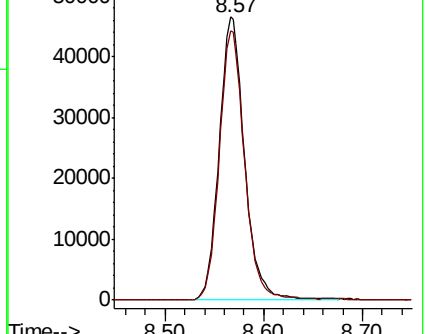
107 100

109 95.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.602 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

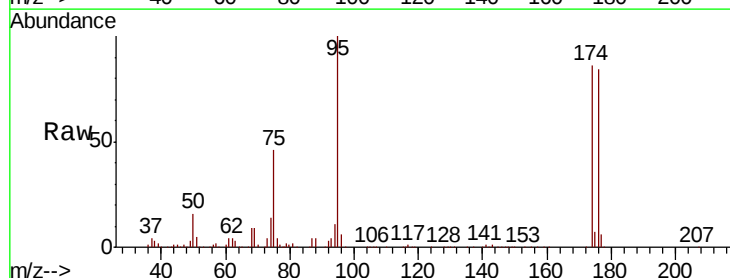
Tgt Ion: 95 Resp: 279885

Ion Ratio Lower Upper

95 100

174 87.4 0.0 175.2

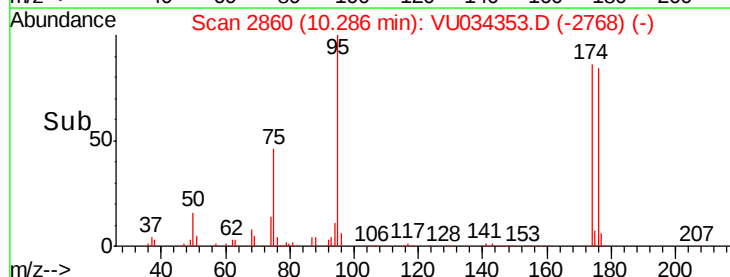
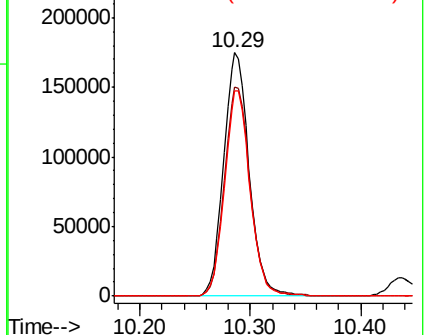
176 84.5 0.0 168.0

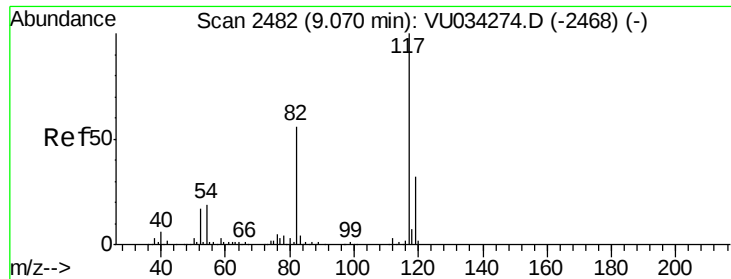


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

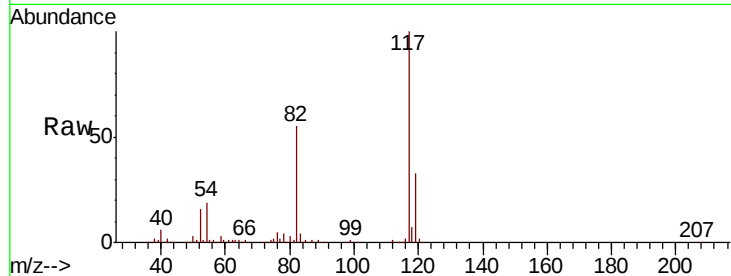




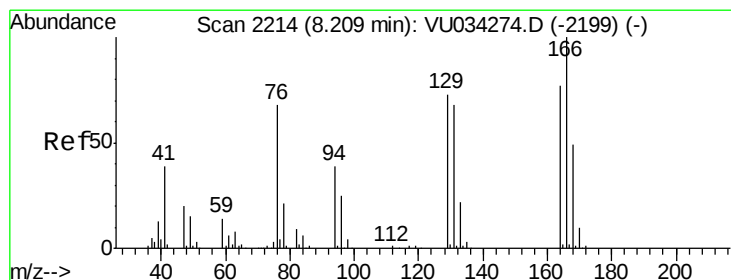
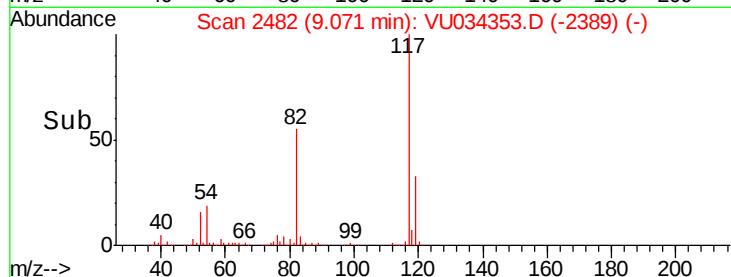
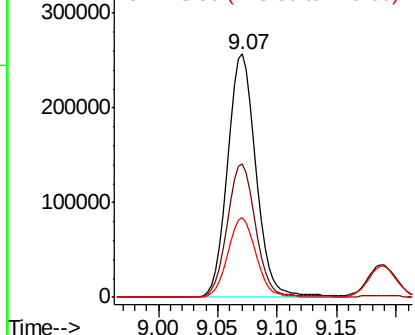
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD02

Tgt Ion:117 Resp: 427201
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 32.5 25.9 38.9

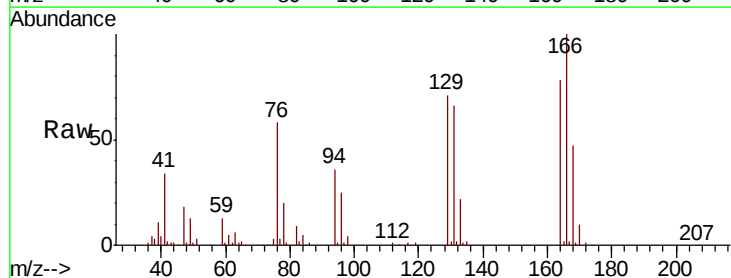


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

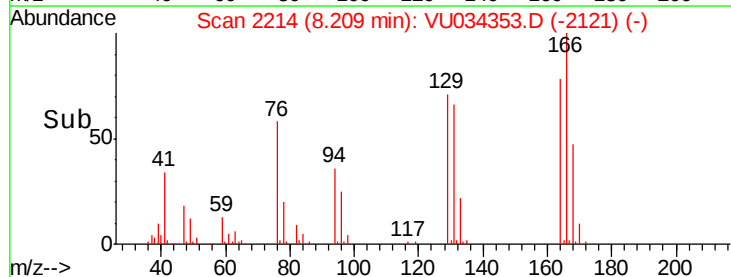
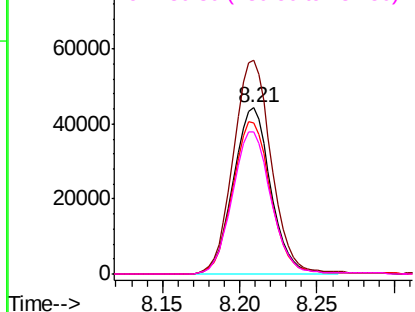


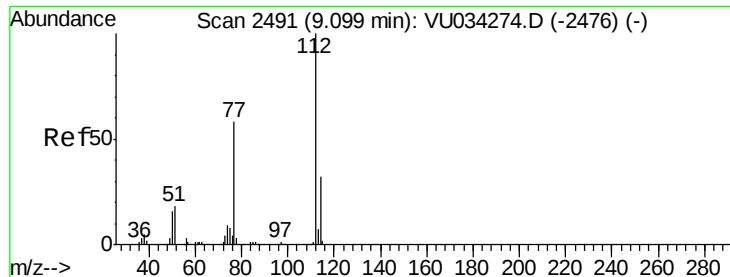
#64
Tetrachloroethene
Concen: 20.096 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Tgt Ion:164 Resp: 74481
Ion Ratio Lower Upper
164 100
166 128.6 103.7 155.5
129 91.3 75.8 113.8
131 85.4 70.7 106.1



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

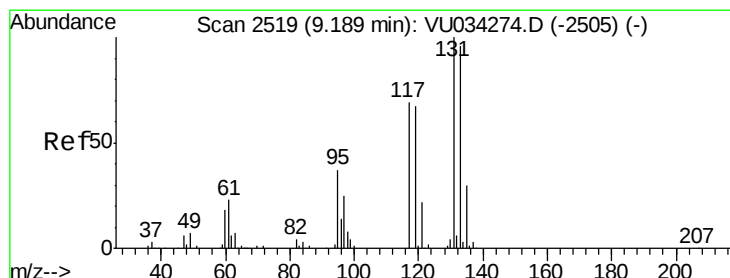
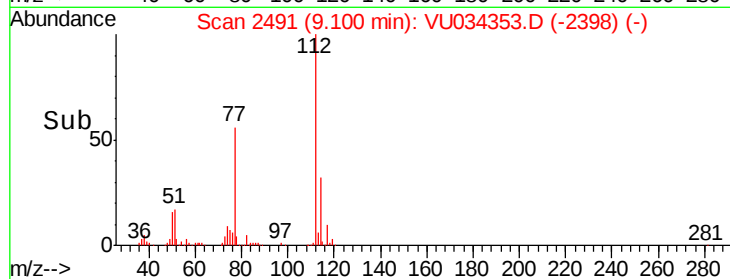
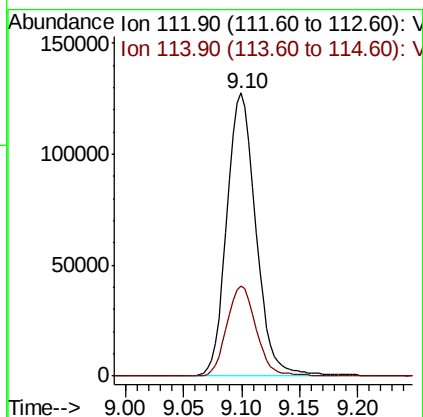
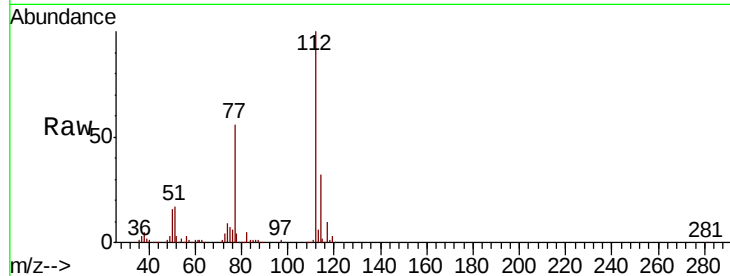




#65
Chlorobenzene
Concen: 20.425 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

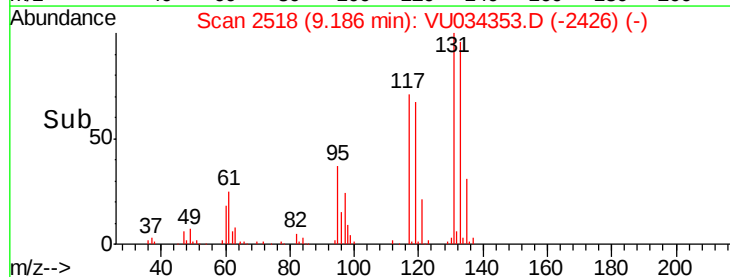
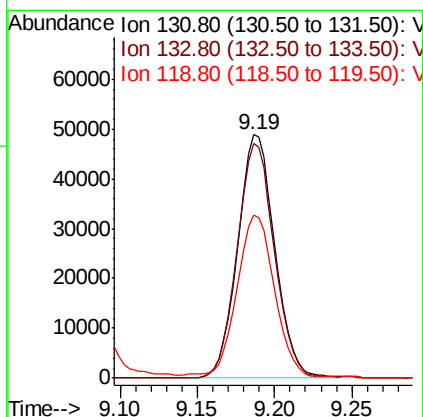
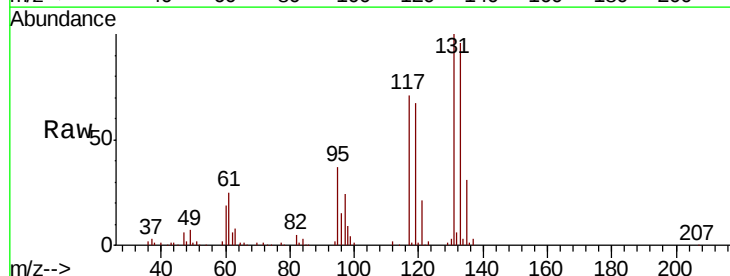
Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD02

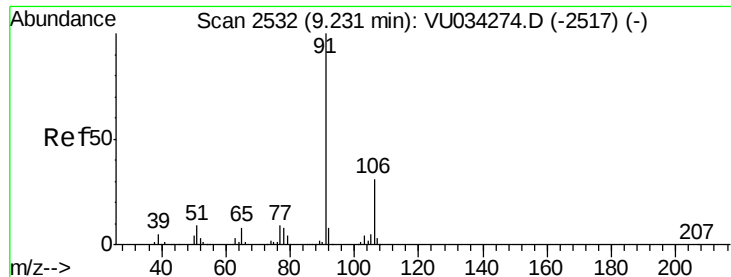
Tgt Ion:112 Resp: 221375
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.638 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Tgt Ion:131 Resp: 81227
Ion Ratio Lower Upper
131 100
133 97.1 47.9 143.7
119 66.7 33.1 99.5

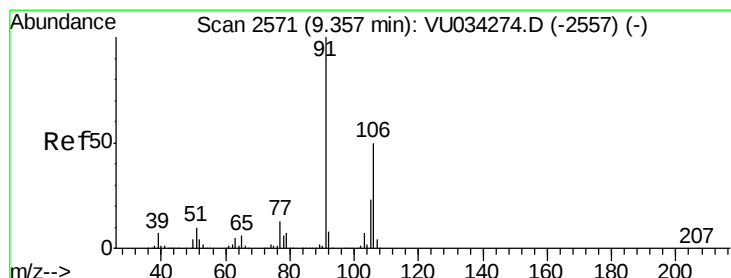
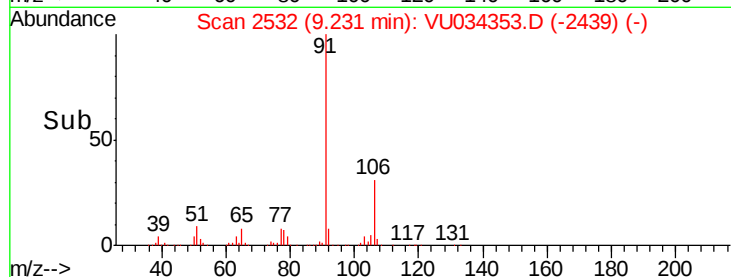
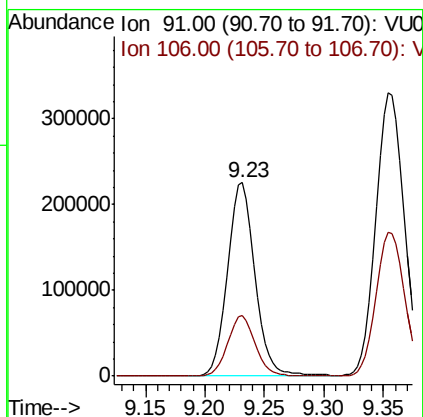
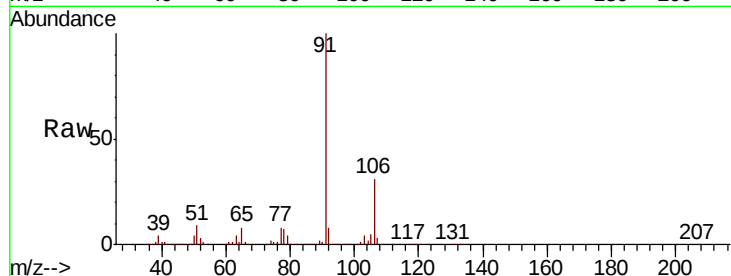




#67
Ethyl Benzene
Concen: 20.509 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

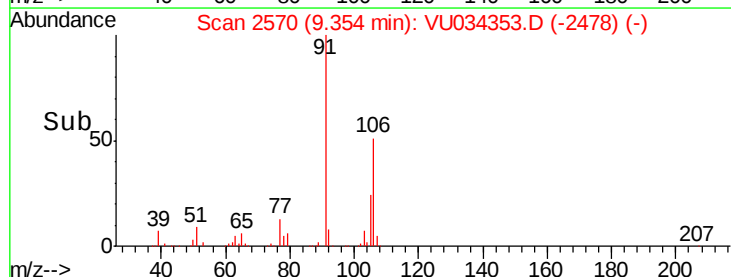
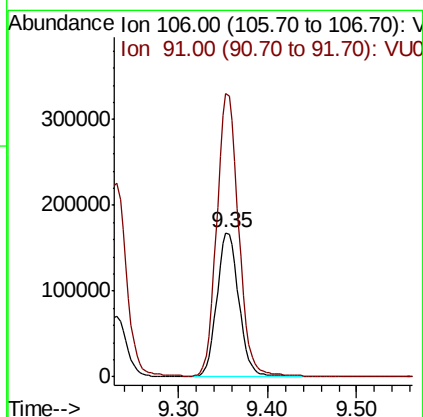
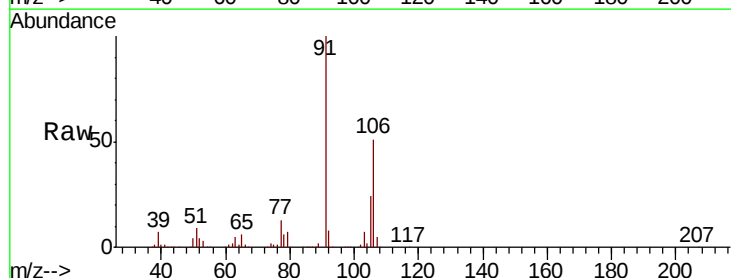
Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD02

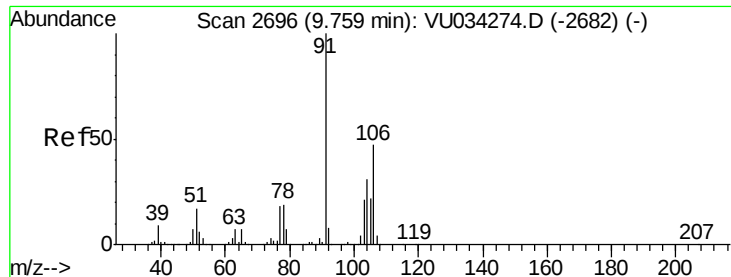
Tgt Ion: 91 Resp: 363452
Ion Ratio Lower Upper
91 100
106 31.2 24.8 37.2



#68
m/p-Xylenes
Concen: 43.088 ug/l
RT: 9.35 min Scan# 2570
Delta R.T. -0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Tgt Ion: 106 Resp: 287528
Ion Ratio Lower Upper
106 100
91 195.1 160.1 240.1

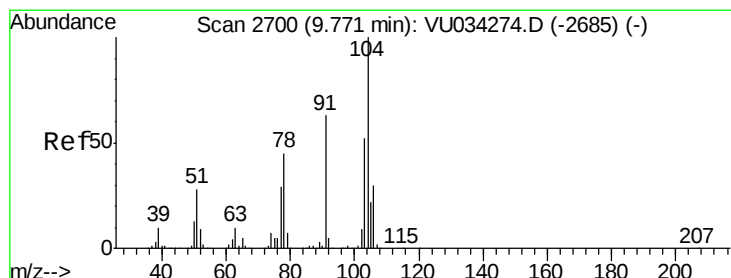
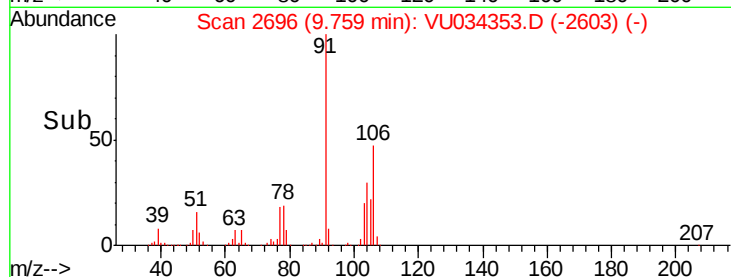
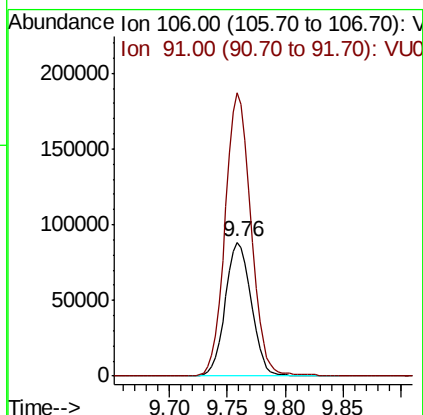
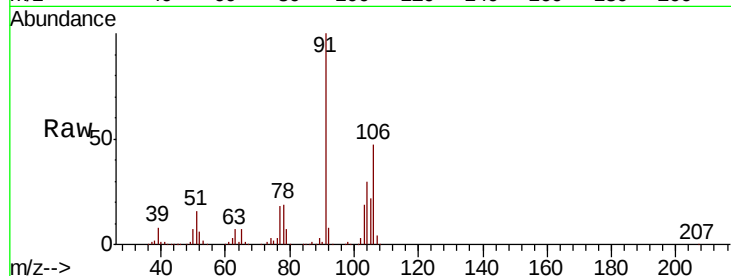




#69
o-Xylene
Concen: 21.240 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

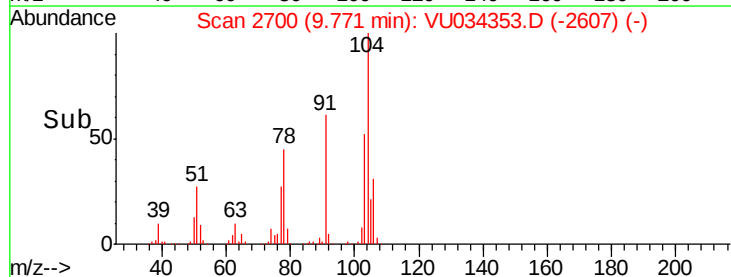
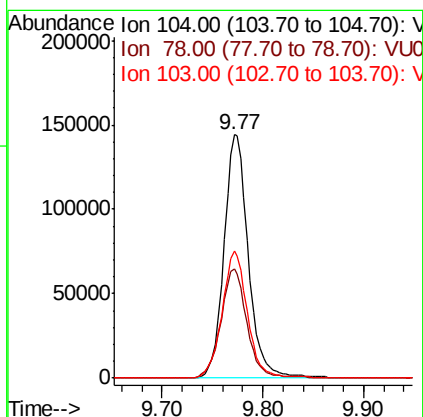
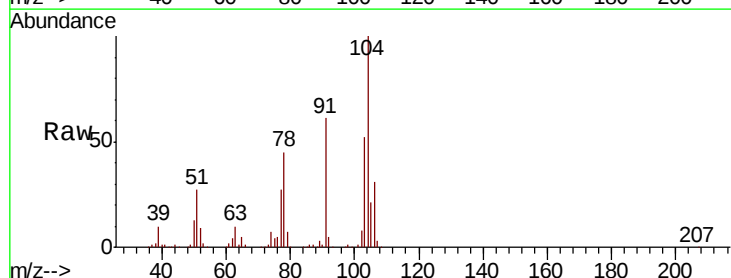
Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD02

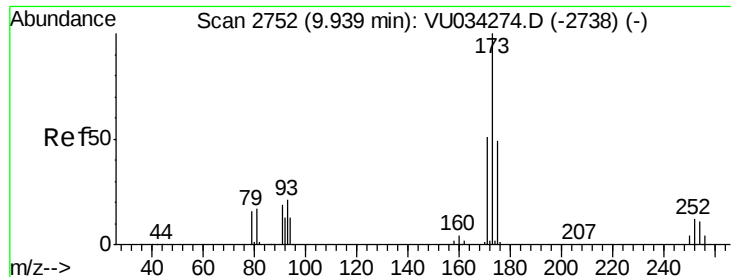
Tgt Ion:106 Resp: 138615
Ion Ratio Lower Upper
106 100
91 209.5 105.1 315.3



#70
Styrene
Concen: 21.255 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Tgt Ion:104 Resp: 243196
Ion Ratio Lower Upper
104 100
78 48.1 38.6 57.8
103 54.7 44.2 66.4





#71

Bromoform

Concen: 19.792 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBSD02

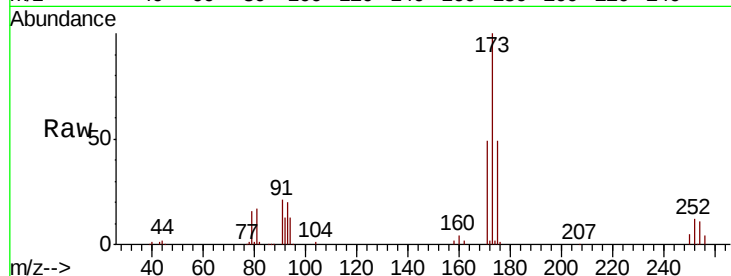
Tgt Ion:173 Resp: 70951

Ion Ratio Lower Upper

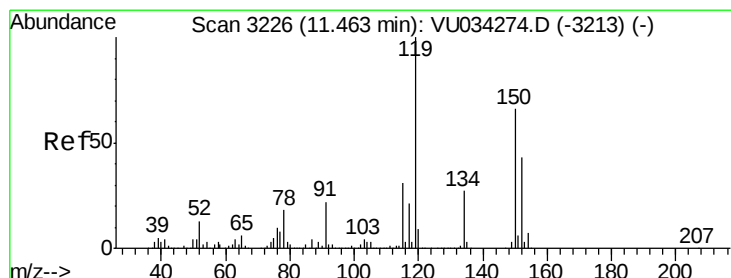
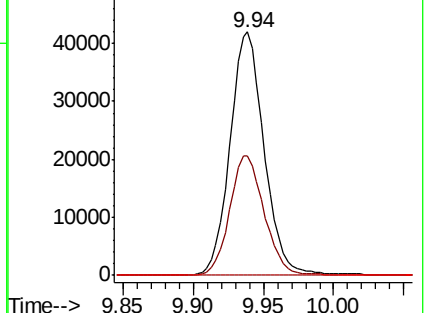
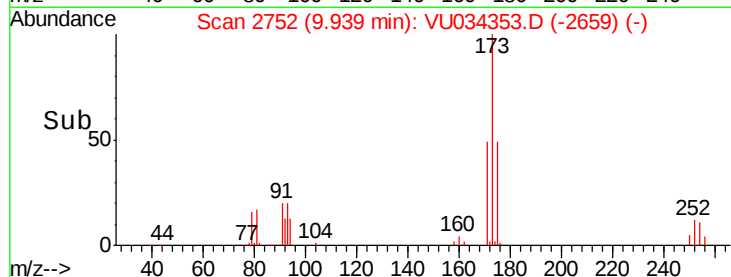
173 100

175 50.0 24.4 73.2

254 0.0 0.0 0.0



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: VU034353.D

Acq: 07 Sep 2019 00:41

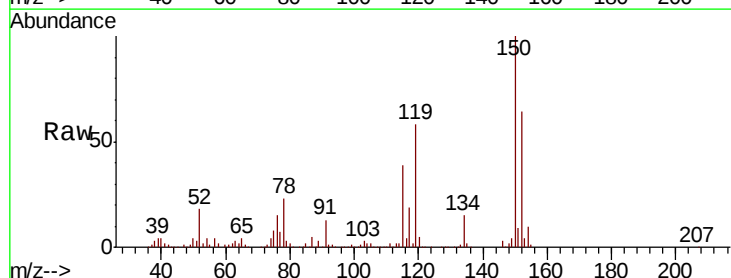
Tgt Ion:152 Resp: 285360

Ion Ratio Lower Upper

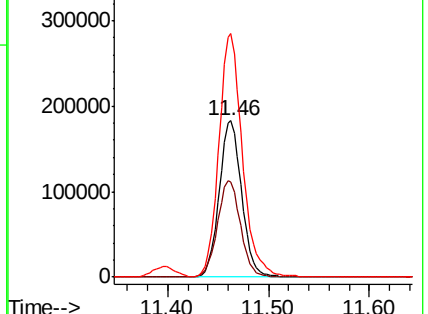
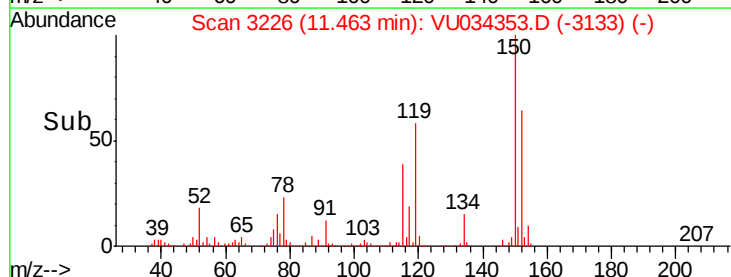
152 100

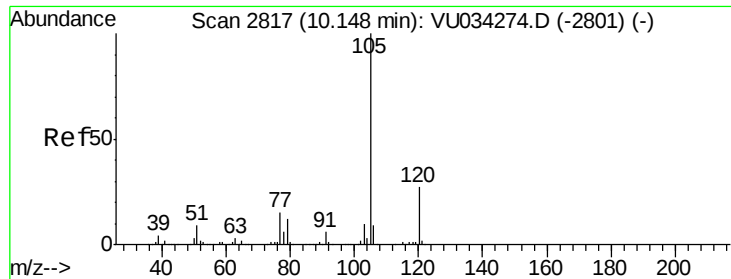
115 63.4 39.1 117.3

150 161.8 0.0 345.4



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: 20.255 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

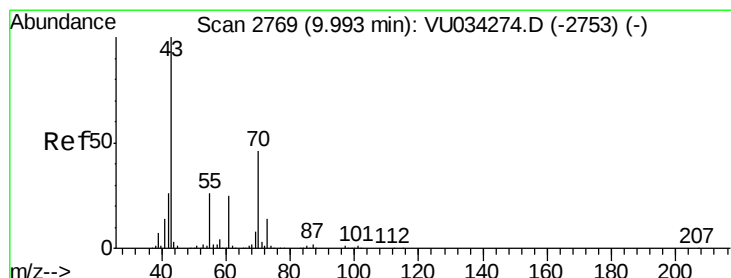
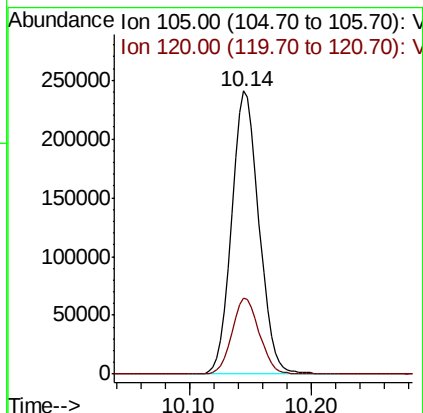
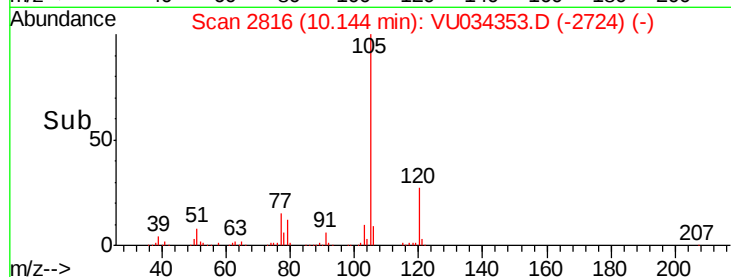
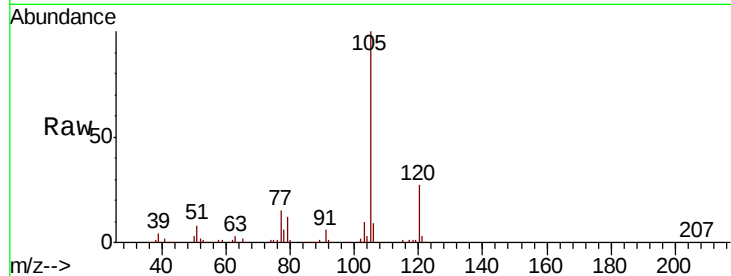
VU0907WBSD02

Tgt Ion: 105 Resp: 376144

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 19.893 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Tgt Ion: 43 Resp: 148704

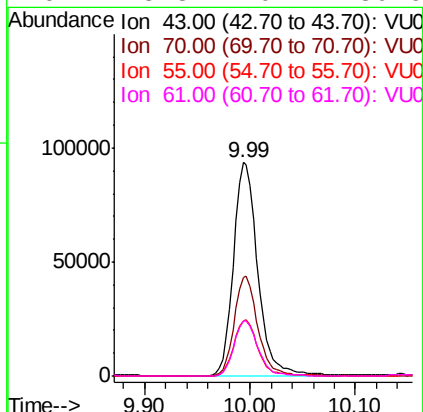
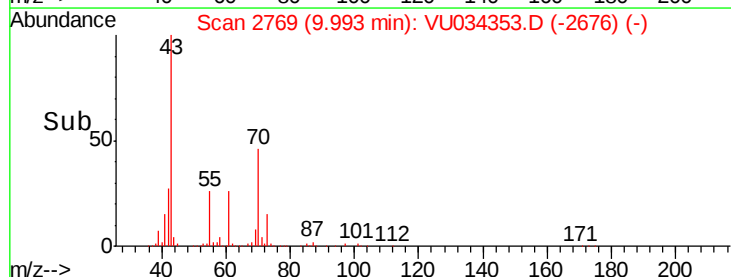
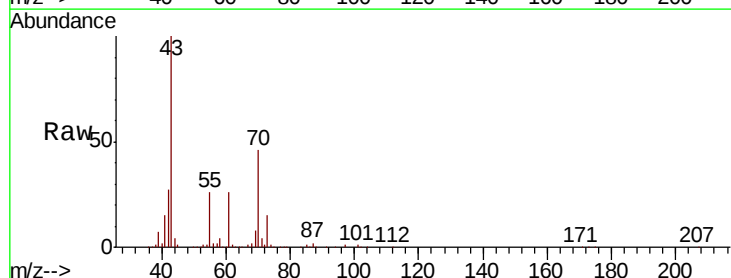
Ion Ratio Lower Upper

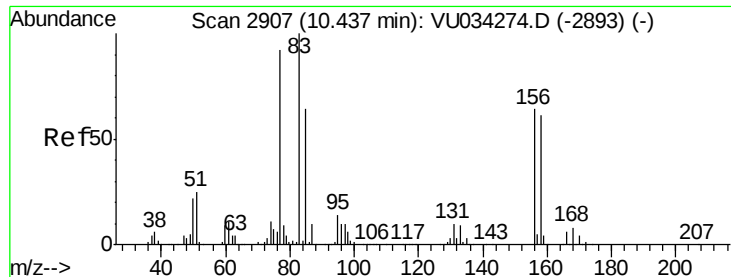
43 100

70 45.7 36.4 54.6

55 26.4 21.2 31.8

61 25.8 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.351 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBSD02

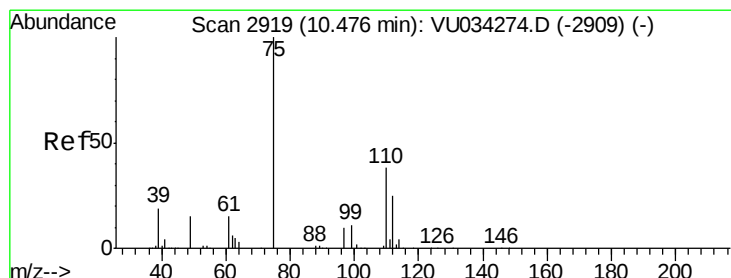
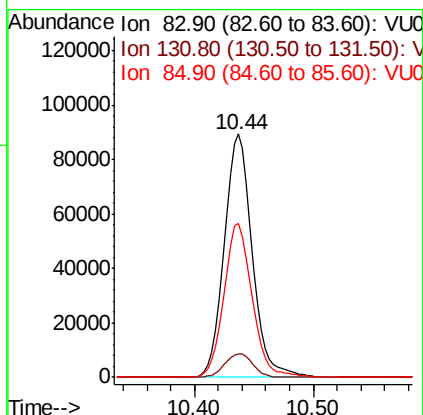
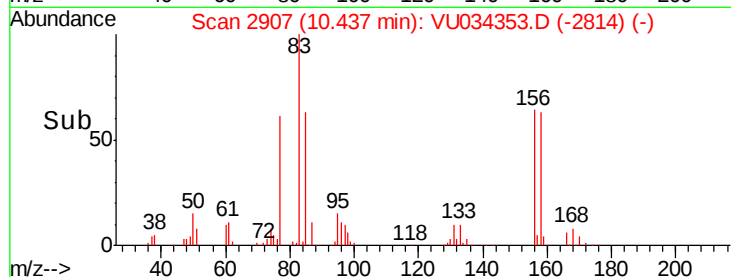
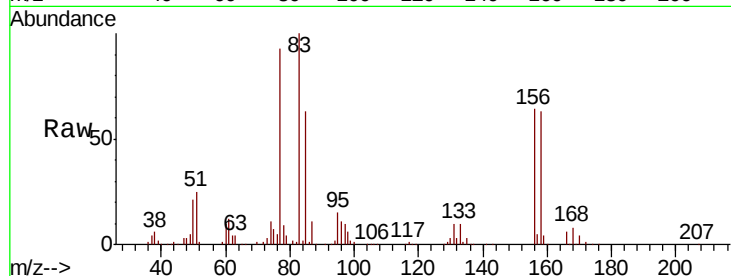
Tgt Ion: 83 Resp: 145462

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 63.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 24.993 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034353.D

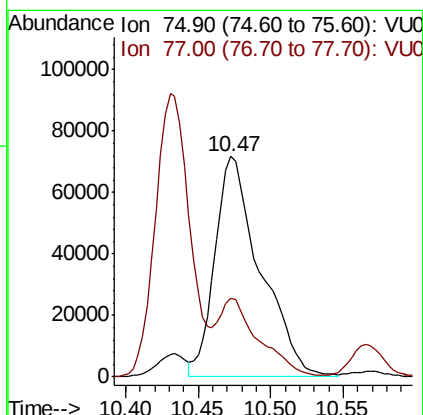
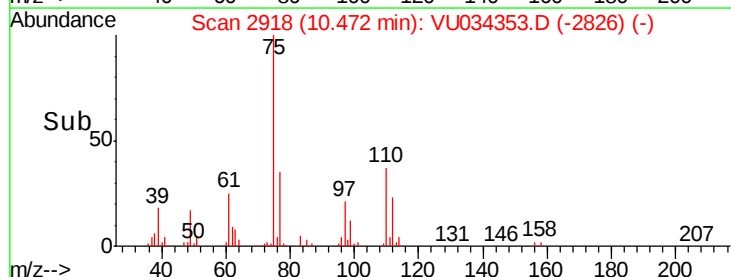
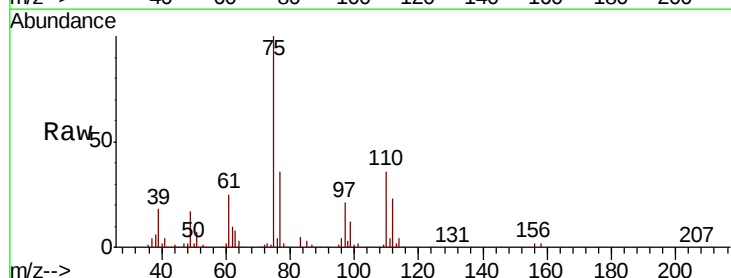
Acq: 07 Sep 2019 00:41

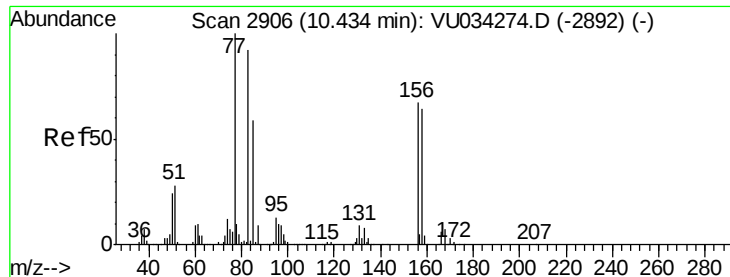
Tgt Ion: 75 Resp: 155682

Ion Ratio Lower Upper

75 100

77 31.4 20.8 62.2





#77

Bromobenzene

Concen: 20.244 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBSD02

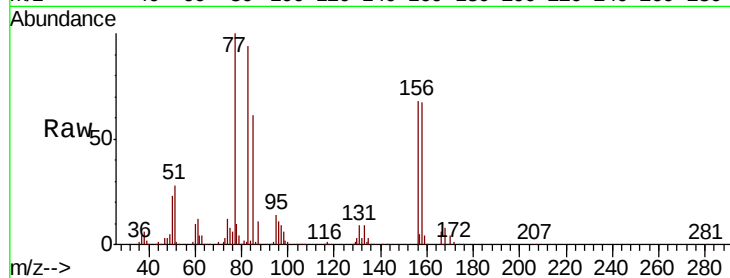
Tgt Ion:156 Resp: 105118

Ion Ratio Lower Upper

156 100

77 147.2 75.6 226.9

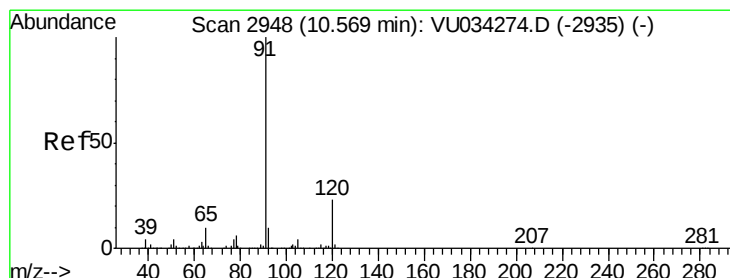
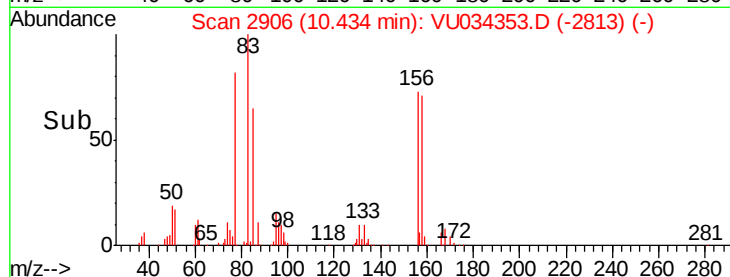
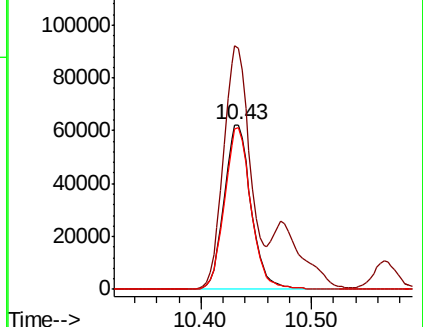
158 97.0 48.2 144.6



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: 20.268 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034353.D

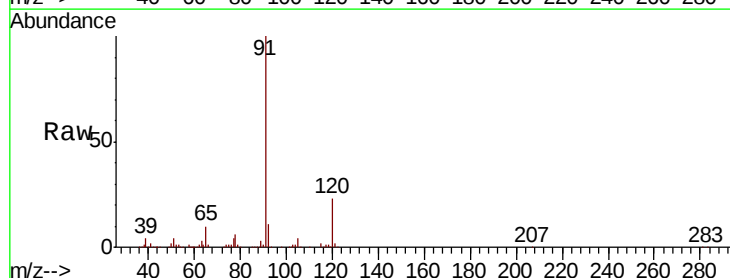
Acq: 07 Sep 2019 00:41

Tgt Ion: 91 Resp: 434683

Ion Ratio Lower Upper

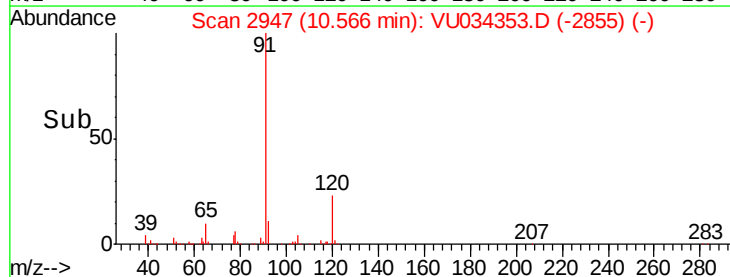
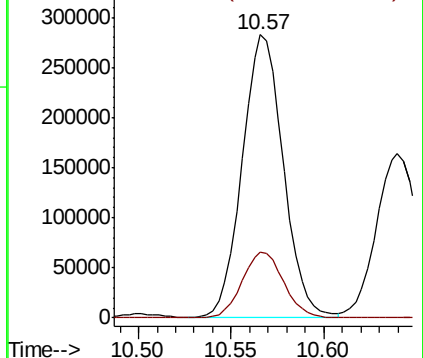
91 100

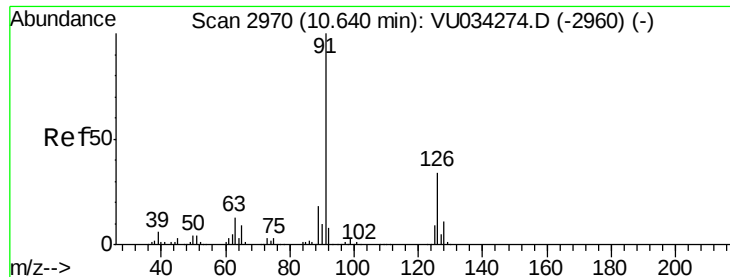
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.327 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

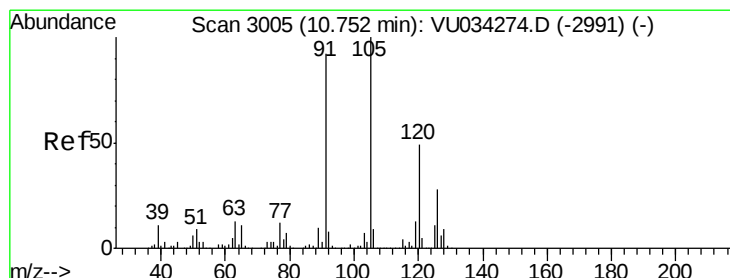
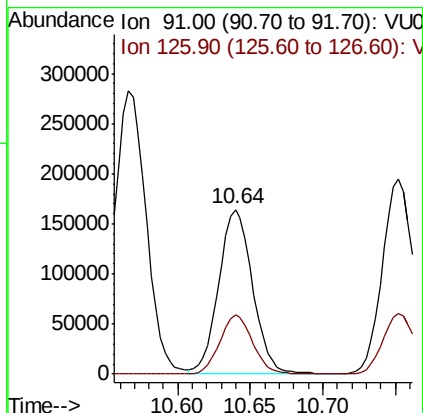
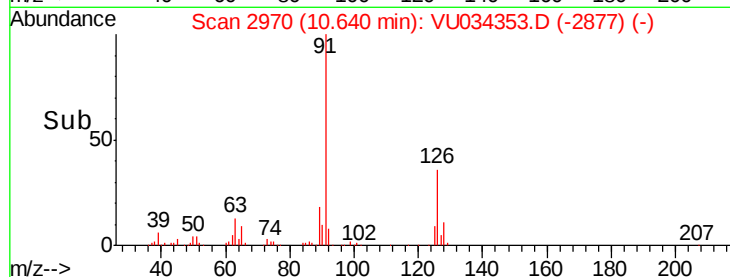
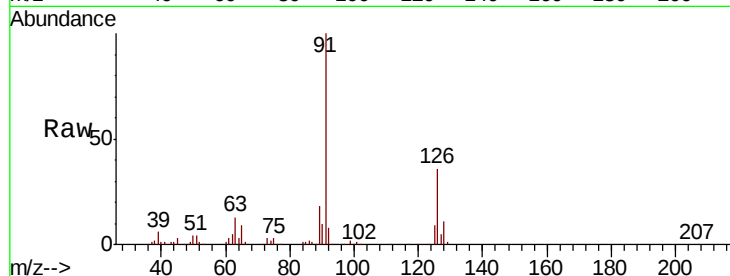
VU0907WBSD02

Tgt Ion: 91 Resp: 265998

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 20.949 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU034353.D

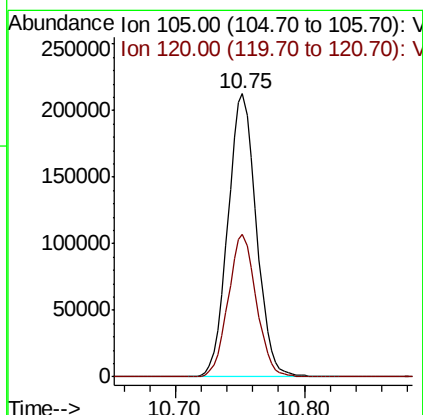
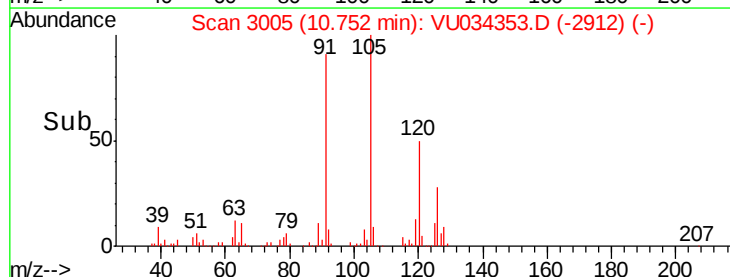
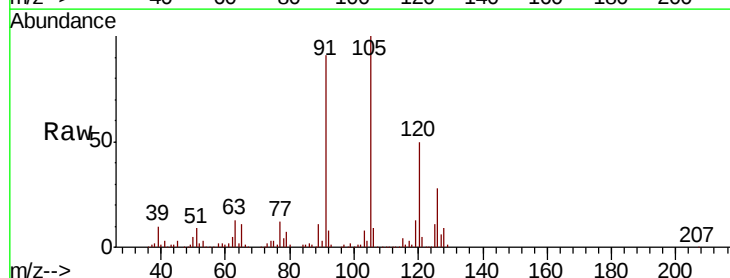
Acq: 07 Sep 2019 00:41

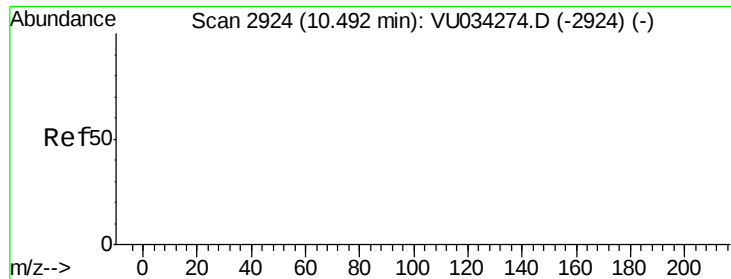
Tgt Ion: 105 Resp: 325369

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.7

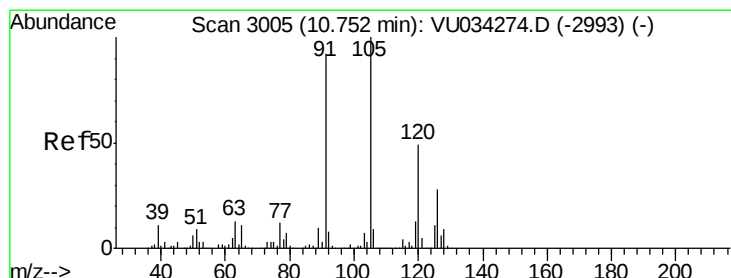
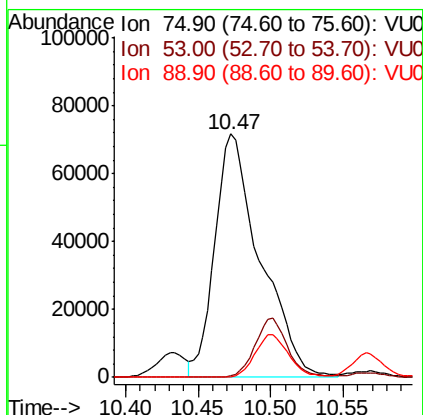
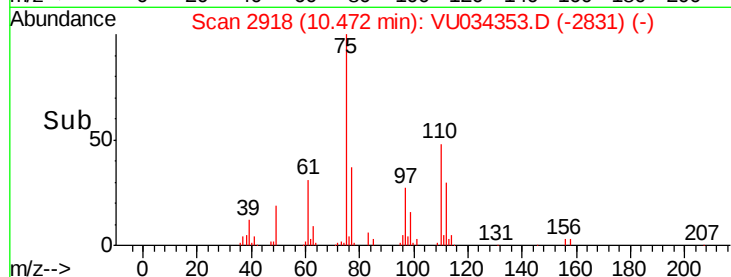
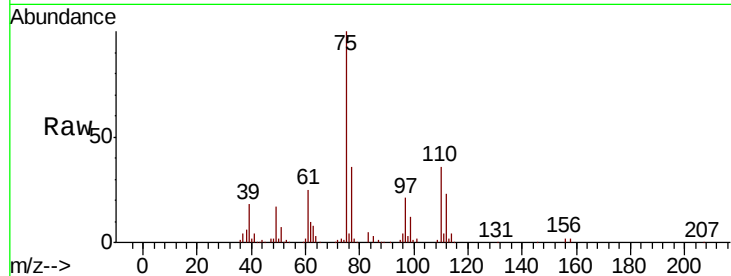




#81
trans-1,4-Dichloro-2-butene
Concen: 84.051 ug/l
RT: 10.47 min Scan# 2918
Delta R.T. -0.02 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

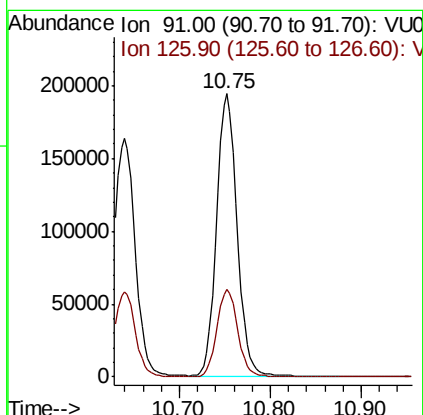
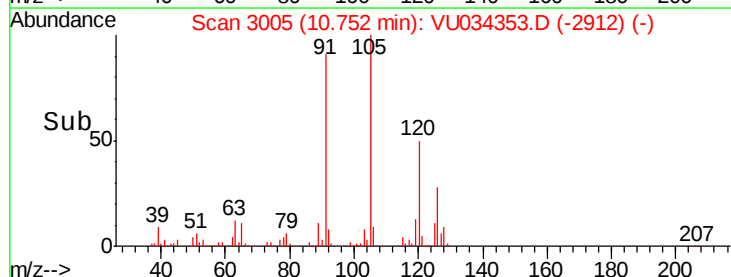
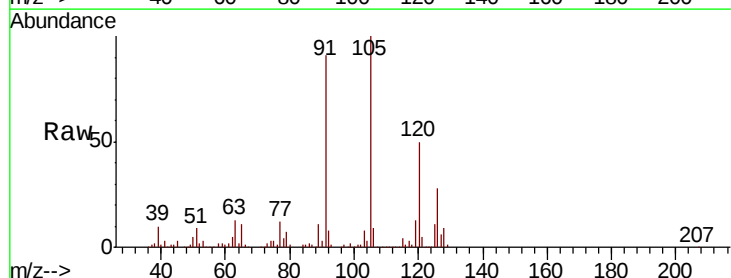
Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD02

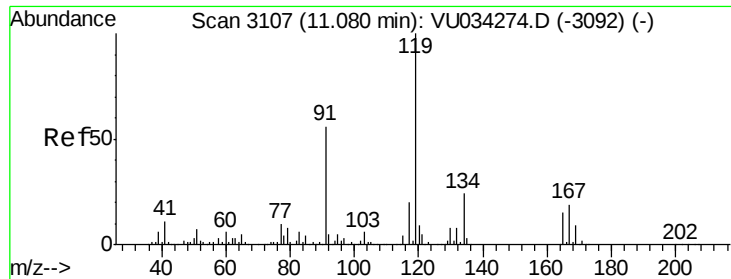
Tgt Ion: 75 Resp: 155682
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.267 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Tgt Ion: 91 Resp: 305206
Ion Ratio Lower Upper
91 100
126 31.0 15.3 45.8

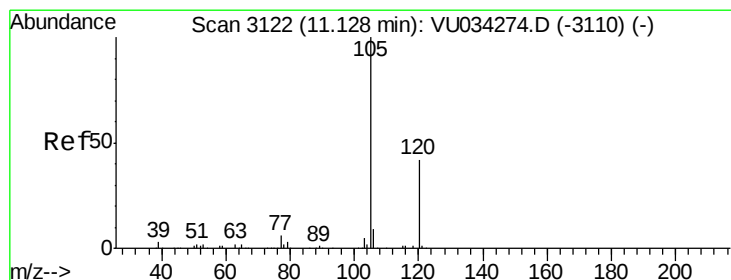
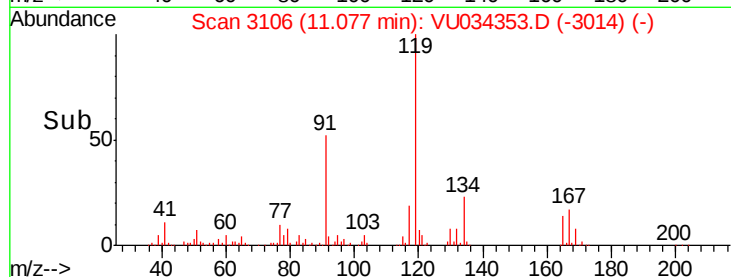
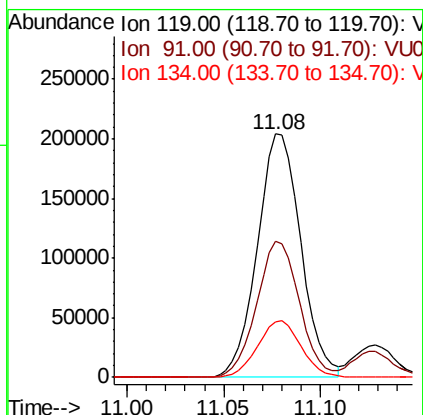
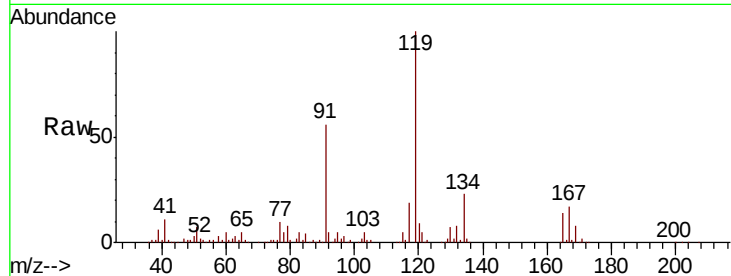




#83
 tert-Butylbenzene
 Concen: 20.638 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

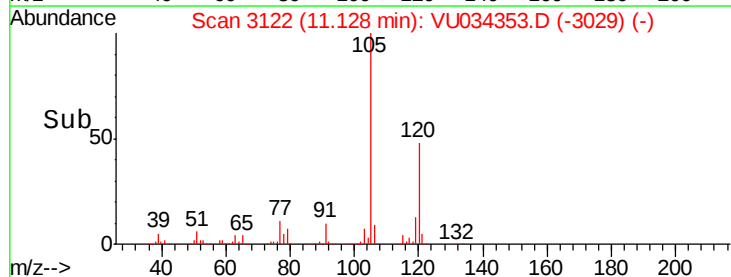
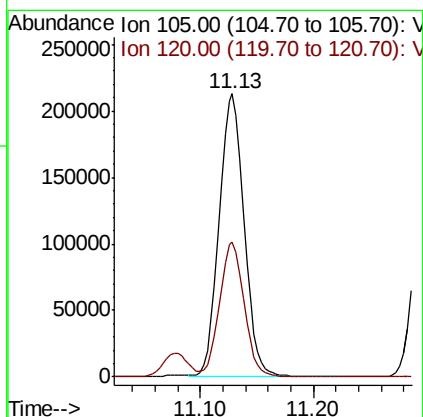
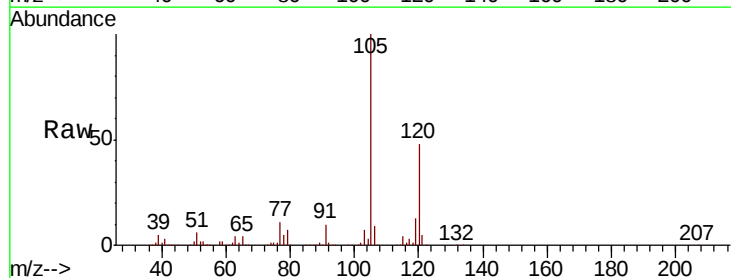
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

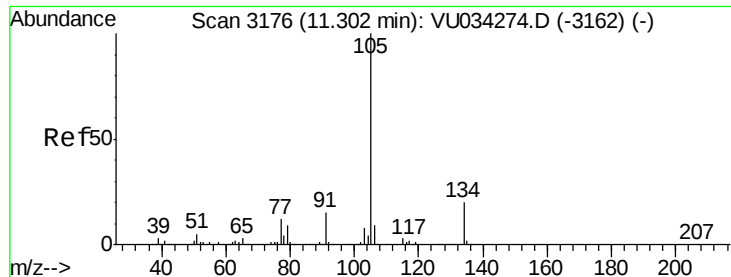
Tgt Ion:119 Resp: 320661
 Ion Ratio Lower Upper
 119 100
 91 54.6 27.8 83.4
 134 23.2 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.891 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Tgt Ion:105 Resp: 326608
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.9 68.8

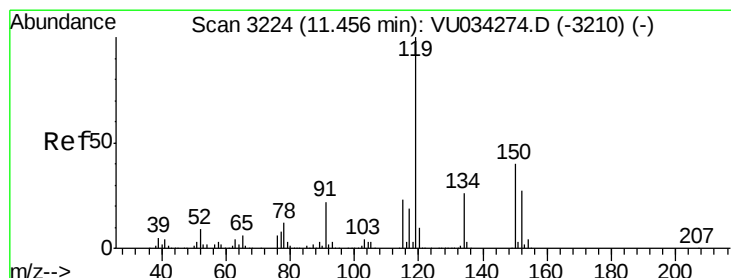
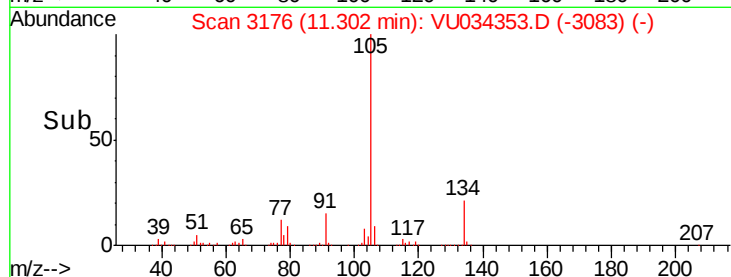
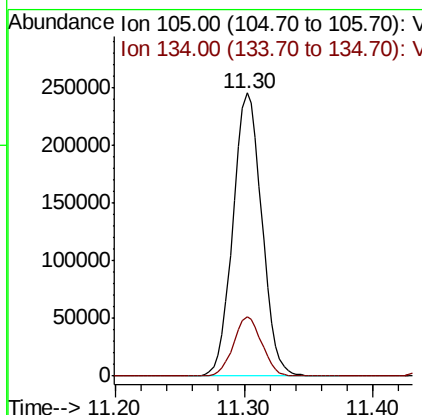
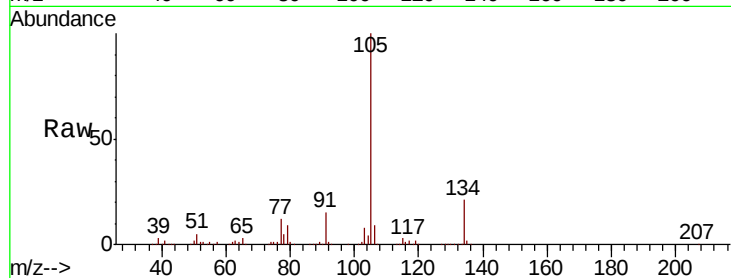




#85
 sec-Butylbenzene
 Concen: 20.710 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

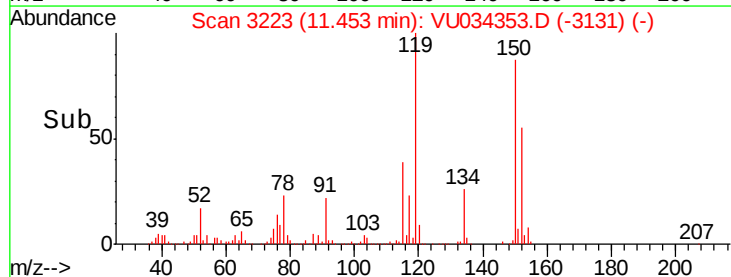
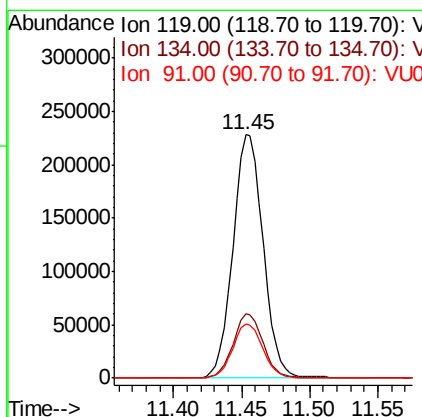
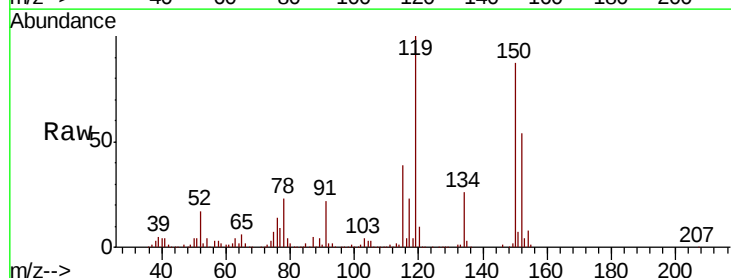
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

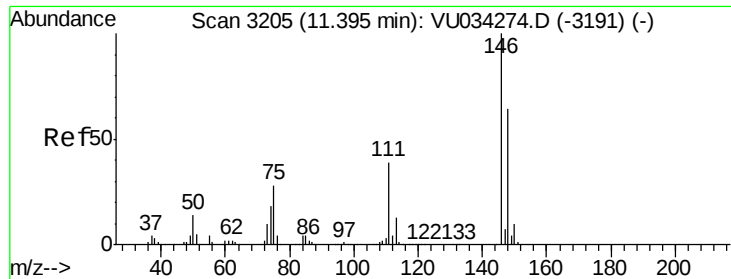
Tgt Ion:105 Resp: 379875
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.608 ug/l
 RT: 11.45 min Scan# 3223
 Delta R.T. -0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Tgt Ion:119 Resp: 348893
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 22.1 11.2 33.6

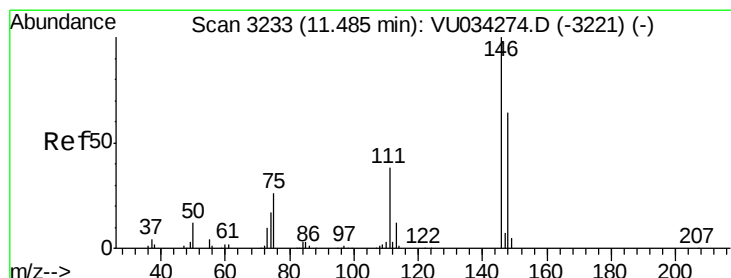
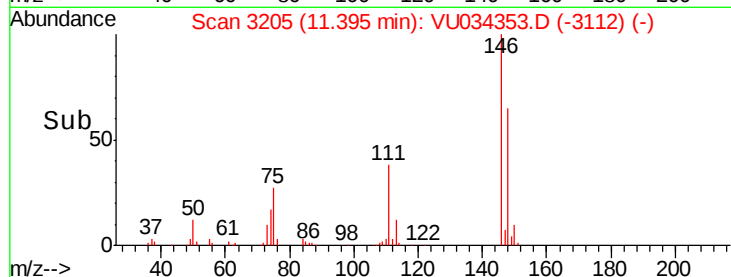
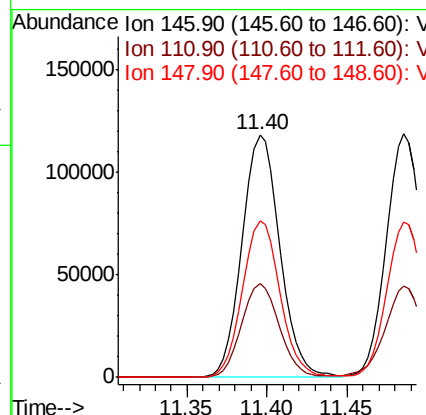
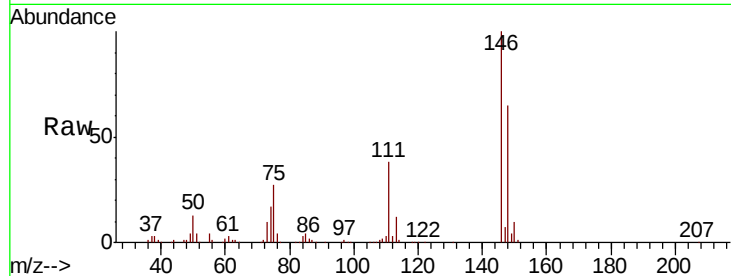




#87
 1,3-Dichlorobenzene
 Concen: 20.094 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

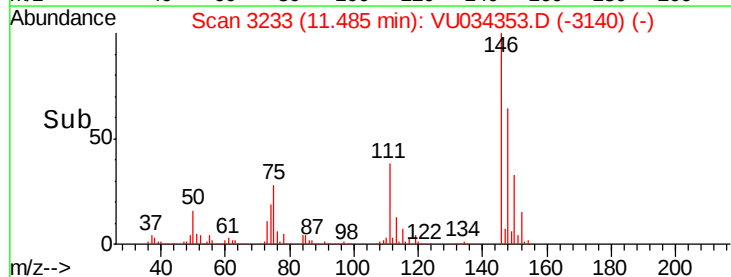
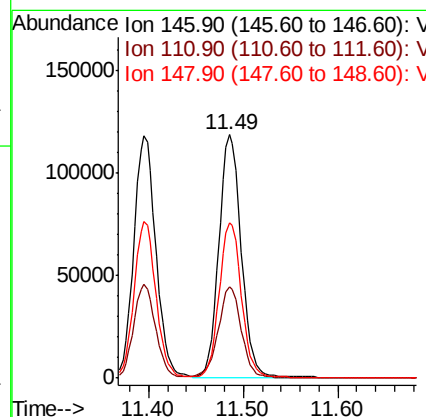
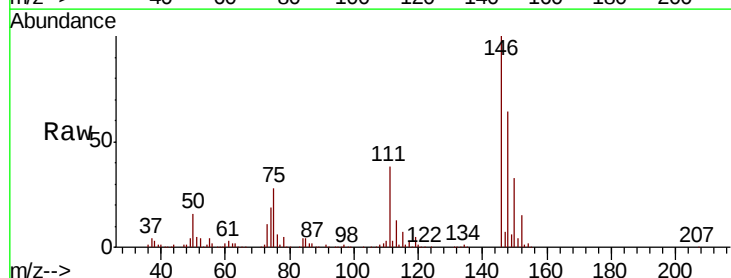
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

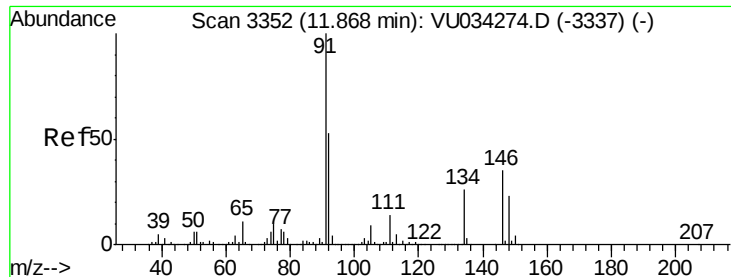
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	64.2	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.727 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.3
148	63.2	32.0	96.0





#89

n-Butylbenzene

Concen: 20.061 ug/l

RT: 11.87 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VU034353.D

Acq: 07 Sep 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

VU0907WBSD02

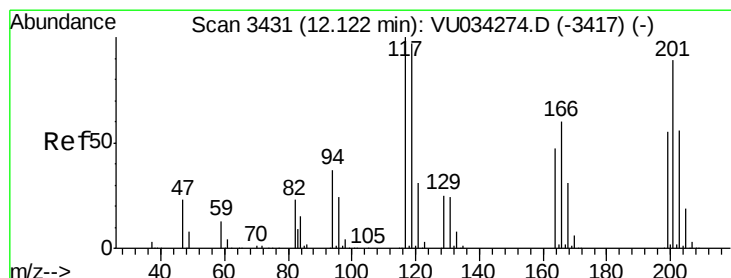
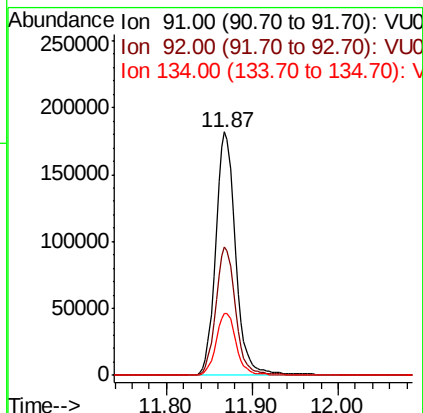
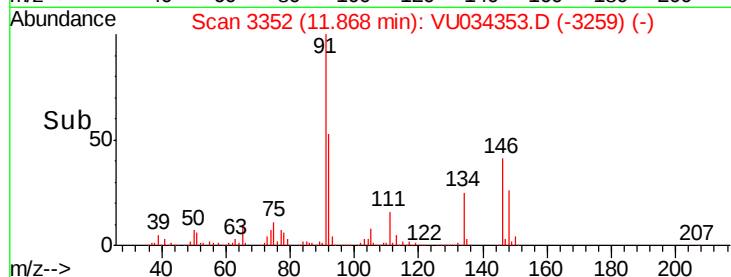
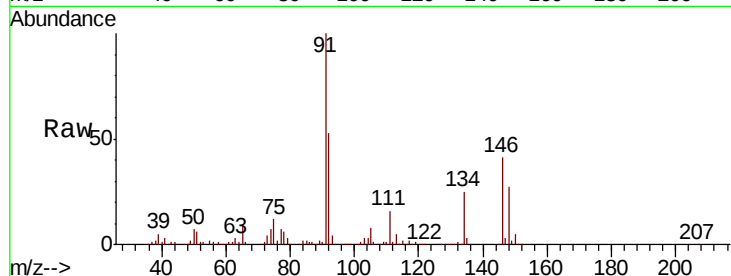
Tgt Ion: 91 Resp: 295147

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.4

134 25.6 13.2 39.6



#90

Hexachloroethane

Concen: 18.636 ug/l

RT: 12.12 min Scan# 3431

Delta R.T. 0.00 min

Lab File: VU034353.D

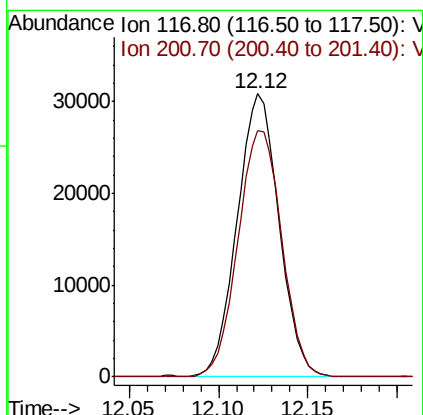
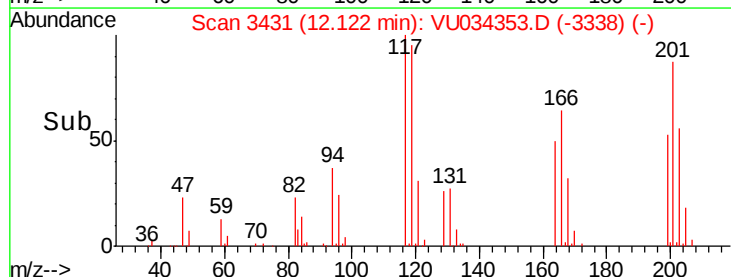
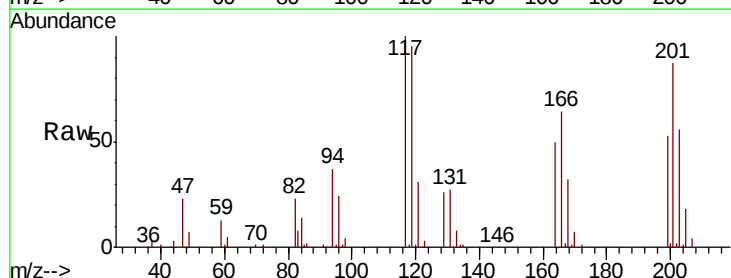
Acq: 07 Sep 2019 00:41

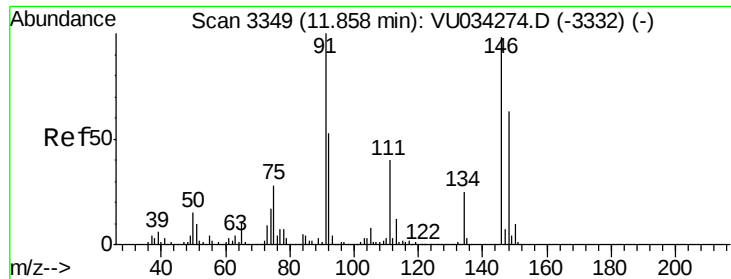
Tgt Ion: 117 Resp: 50477

Ion Ratio Lower Upper

117 100

201 91.0 44.1 132.4

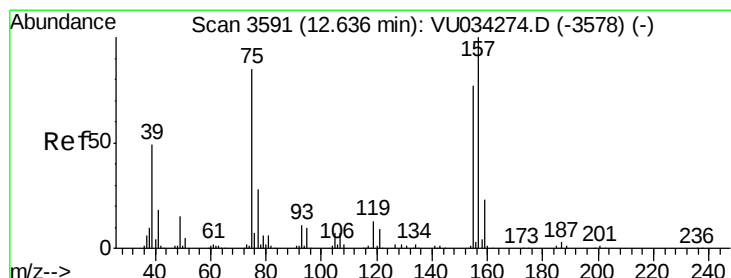
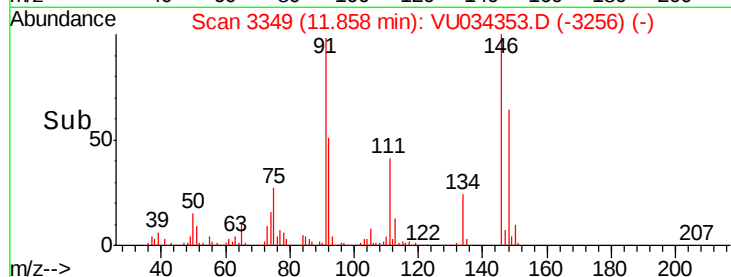
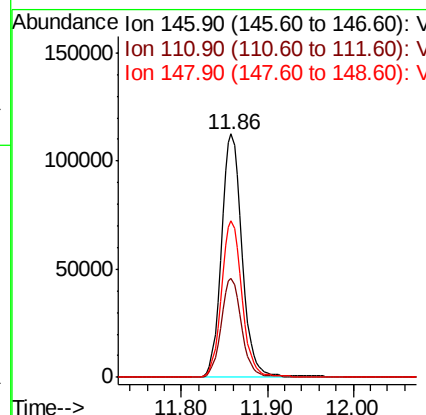
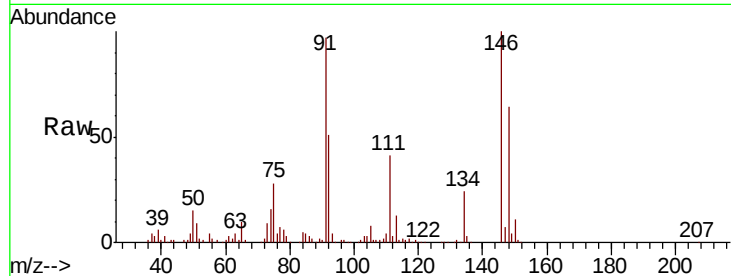




#91
 1,2-Dichlorobenzene
 Concen: 20.299 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

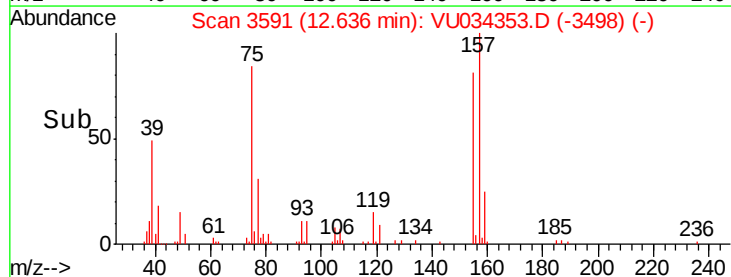
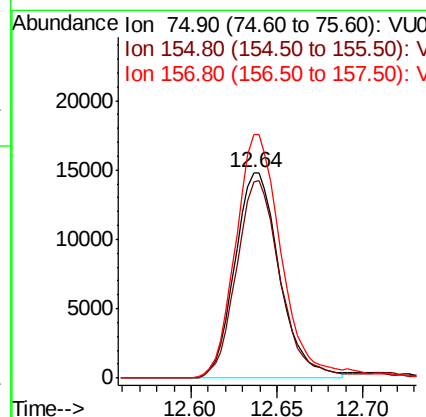
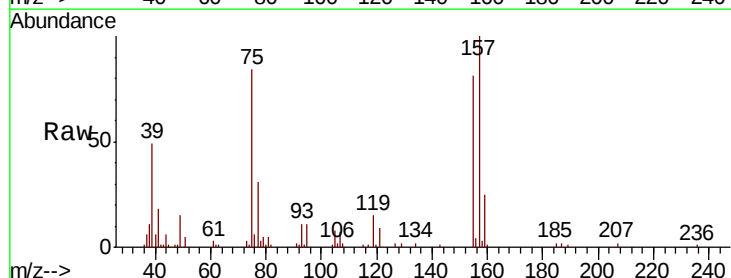
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

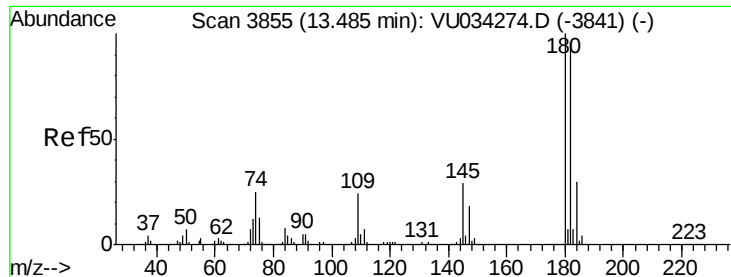
Tgt Ion:146 Resp: 189031
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.1 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.350 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Tgt Ion: 75 Resp: 26728
 Ion Ratio Lower Upper
 75 100
 155 94.7 44.6 134.0
 157 123.3 58.2 174.6

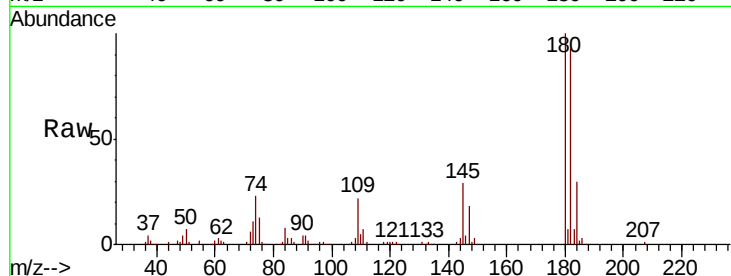




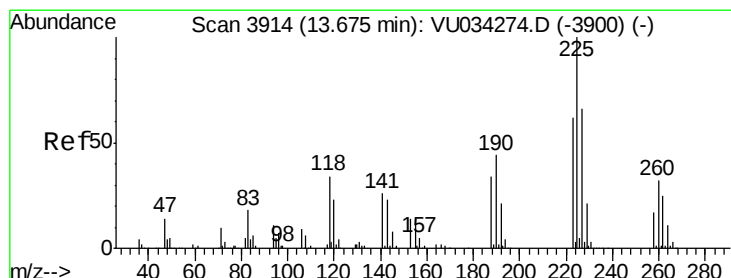
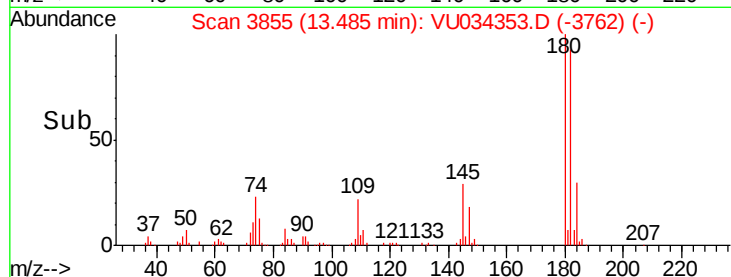
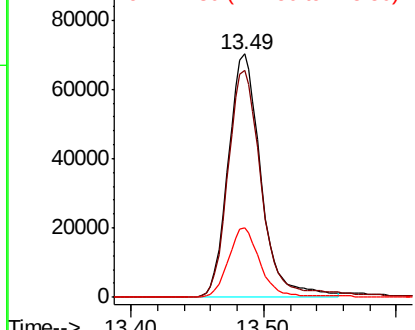
#93
 1,2,4-Trichlorobenzene
 Concen: 20.065 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

Tgt Ion:180 Resp: 120524
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.9 143.8
 145 27.8 14.4 43.0

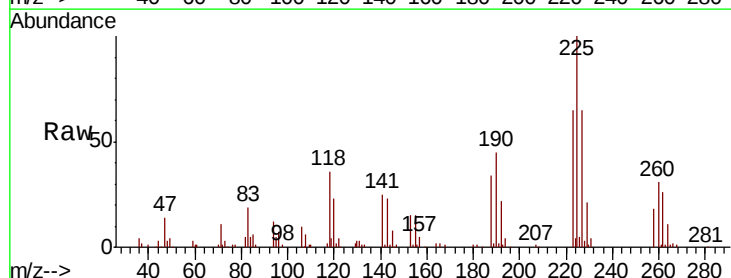


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

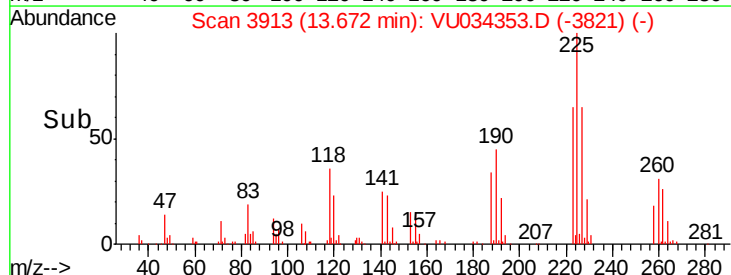
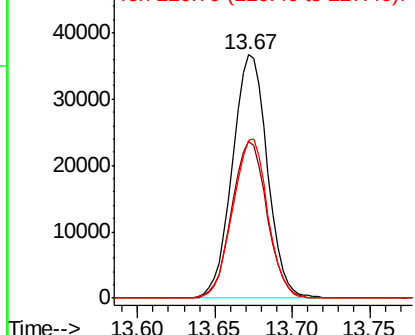


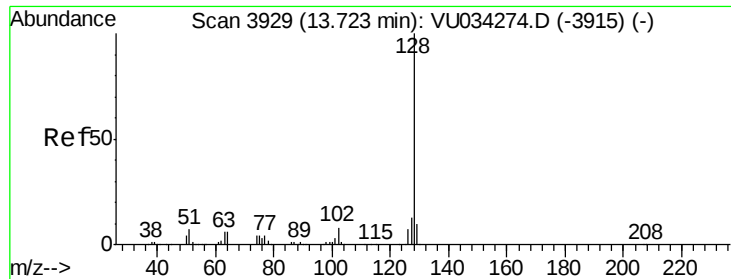
#94
 Hexachlorobutadiene
 Concen: 17.651 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034353.D
 Acq: 07 Sep 2019 00:41

Tgt Ion:225 Resp: 57496
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.6 94.7
 227 65.2 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

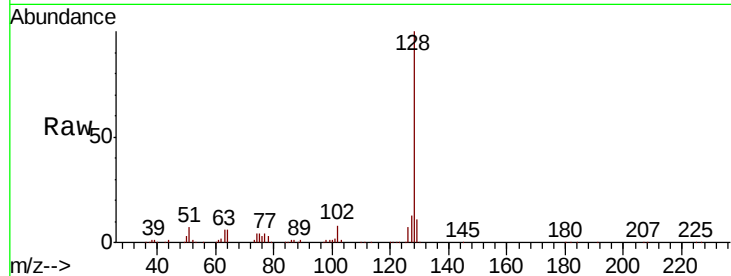




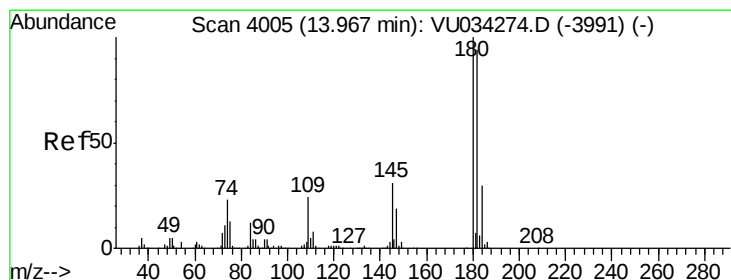
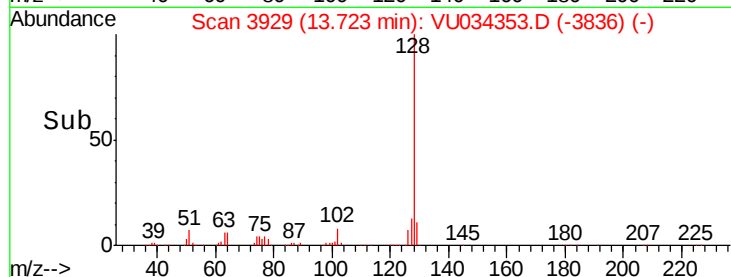
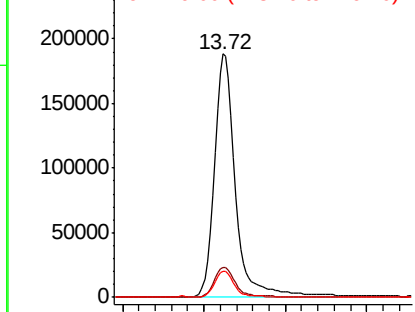
#95
Naphthalene
Concen: 20.651 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Instrument :
MSVOA_U
ClientSampleId :
VU0907WBSD02

Tgt Ion:128 Resp: 344665
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.2 8.4 12.6

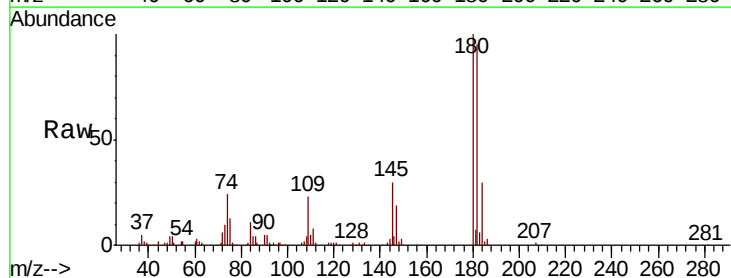


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.319 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. 0.00 min
Lab File: VU034353.D
Acq: 07 Sep 2019 00:41

Tgt Ion:180 Resp: 121762
Ion Ratio Lower Upper
180 100
182 96.3 48.4 145.0
145 30.3 15.4 46.4



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

