

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090319\
 Data File : VU034191.D
 Acq On : 02 Sep 2019 10:56
 Operator : JC/SP
 Sample : VU0903WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBSD01

Quant Time: Sep 03 05:51:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	363958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	577117	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	558520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	302682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	246345	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
35) Dibromofluoromethane	4.86	113	204163	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	7.55	98	763881	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	10.29	95	290212	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66712	18.225	ug/l	98
3) Chloromethane	1.32	50	88158	16.639	ug/l	99
4) Vinyl Chloride	1.40	62	87423	17.945	ug/l	99
5) Bromomethane	1.62	94	52189	18.608	ug/l	99
6) Chloroethane	1.69	64	55367	18.589	ug/l	100
7) Trichlorofluoromethane	1.88	101	107756	19.089	ug/l	99
8) Diethyl Ether	2.09	74	50033	20.719	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	69419	19.412	ug/l	98
10) Methyl Iodide	2.40	142	48829	9.626	ug/l	99
11) Tert butyl alcohol	2.81	59	103054	95.825	ug/l	100
12) 1,1-Dichloroethene	2.27	96	69084	18.960	ug/l	98
13) Acrolein	2.18	56	24896	55.030	ug/l	98
14) Allyl chloride	2.58	41	120006	17.518	ug/l	96
15) Acrylonitrile	2.92	53	265973	107.778	ug/l	99
16) Acetone	2.31	43	248499	104.431	ug/l	100
17) Carbon Disulfide	2.47	76	194085	16.830	ug/l	98
18) Methyl Acetate	2.60	43	127658	20.760	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	253167	21.206	ug/l	99
20) Methylene Chloride	2.69	84	89223	19.806	ug/l	99
21) trans-1,2-Dichloroethene	2.97	96	75813	19.172	ug/l	97
22) Diisopropyl ether	3.55	45	268815	21.414	ug/l	95
23) Vinyl Acetate	3.50	43	1128565	104.657	ug/l	100
24) 1,1-Dichloroethane	3.43	63	152197	20.536	ug/l	99
25) 2-Butanone	4.24	43	354522	107.088	ug/l	99
26) 2,2-Dichloropropane	4.20	77	117470	19.479	ug/l	100
27) cis-1,2-Dichloroethene	4.21	96	89202	20.098	ug/l	97
28) Bromochloromethane	4.52	49	77879	21.329	ug/l	100
29) Tetrahydrofuran	4.62	42	221646	108.563	ug/l	99
30) Chloroform	4.65	83	148923	20.140	ug/l	97
31) Cyclohexane	4.97	56	124285	17.847	ug/l	97
32) 1,1,1-Trichloroethane	4.89	97	119006	19.651	ug/l	99
36) 1,1-Dichloropropene	5.12	75	101653	18.622	ug/l	99
37) Ethyl Acetate	4.36	43	125286	20.495	ug/l	99
38) Carbon Tetrachloride	5.11	117	100858	19.141	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	112261	17.448	ug/l	97
40) Benzene	5.37	78	323762	19.603	ug/l	99
41) Methacrylonitrile	4.52	41	67340	21.480	ug/l	99
42) 1,2-Dichloroethane	5.38	62	117025	20.519	ug/l	99
43) Isopropyl Acetate	5.53	43	191561	20.598	ug/l	99
44) Trichloroethene	6.17	130	86030	19.836	ug/l	99
45) 1,2-Dichloropropane	6.41	63	93124	20.483	ug/l	100
46) Dibromomethane	6.54	93	61367	20.951	ug/l	98
47) Bromodichloromethane	6.74	83	116117	20.262	ug/l	98
48) Methyl methacrylate	6.60	41	88365	19.691	ug/l	96
49) 1,4-Dioxane	6.59	88	39858	354.481	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	662066	103.085	ug/l	100
52) Toluene	7.62	92	205149	20.164	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	125792	19.783	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	140117	20.170	ug/l	97
55) 1,1,2-Trichloroethane	8.05	97	88097	20.471	ug/l	98
56) Ethyl methacrylate	8.00	69	124433	18.064	ug/l	98
57) 1,3-Dichloropropane	8.22	76	148452	20.316	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	233977	98.275	ug/l	100
59) 2-Hexanone	8.34	43	505361	104.232	ug/l	98
60) Dibromochloromethane	8.46	129	95009	20.567	ug/l	97
61) 1,2-Dibromoethane	8.57	107	90517	19.967	ug/l	99
64) Tetrachloroethene	8.21	164	74667	19.907	ug/l	99
65) Chlorobenzene	9.10	112	225312	19.603	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	83076	19.933	ug/l	98
67) Ethyl Benzene	9.23	91	371273	19.056	ug/l	99
68) m/p-Xylenes	9.36	106	285709	38.566	ug/l	99
69) o-Xylene	9.76	106	137057	19.283	ug/l	98
70) Styrene	9.77	104	244795	20.087	ug/l	100
71) Bromoform	9.94	173	70698	19.524	ug/l #	99
73) Isopropylbenzene	10.15	105	369924	18.195	ug/l	100
74) N-amyl acetate	10.00	43	162146	18.962	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	151703	19.495	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	166517	24.409	ug/l	87
77) Bromobenzene	10.43	156	102507	18.743	ug/l	99
78) n-propylbenzene	10.57	91	436294	18.427	ug/l	99
79) 2-Chlorotoluene	10.64	91	263275	18.538	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	325154	18.869	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.47	75	167496	82.675	ug/l #	100
82) 4-Chlorotoluene	10.75	91	301486	18.459	ug/l	99
83) tert-Butylbenzene	11.08	119	303801	17.909	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	324190	18.946	ug/l	99
85) sec-Butylbenzene	11.30	105	366125	18.008	ug/l	100
86) p-Isopropyltoluene	11.46	119	340513	18.518	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	183641	18.967	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	185071	18.900	ug/l	98
89) n-Butylbenzene	11.87	91	296010	18.259	ug/l	99
90) Hexachloroethane	12.12	117	51514	16.203	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	181029	19.518	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	29643	19.121	ug/l	98

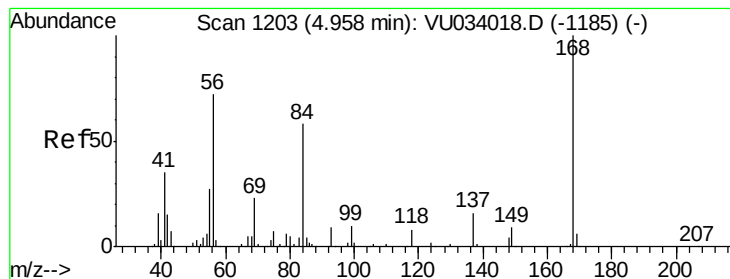
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU090319\
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Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	112921	17.849	ug/l	99
94) Hexachlorobutadiene	13.67	225	56834	15.664	ug/l	99
95) Naphthalene	13.72	128	317625	18.000	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	113325	19.074	ug/l	98

(#) = 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: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

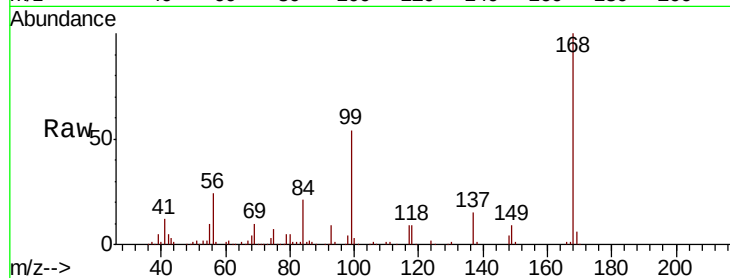
VU0903WBSD01

Tgt Ion:168 Resp: 363958

Ion Ratio Lower Upper

168 100

99 53.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034191.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034191.D (-1185) (-)

4.96

150000

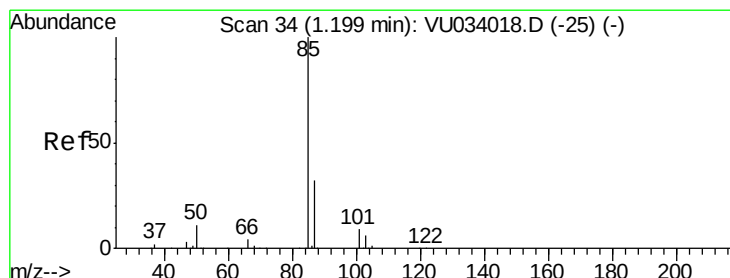
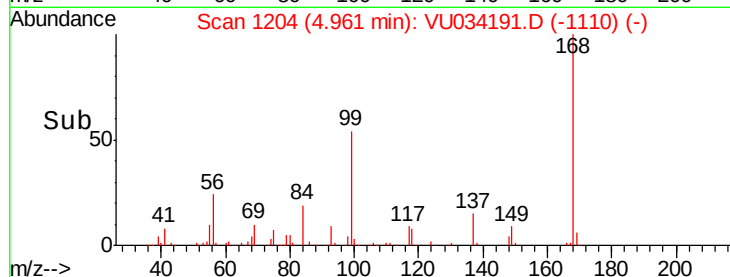
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.225 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034191.D

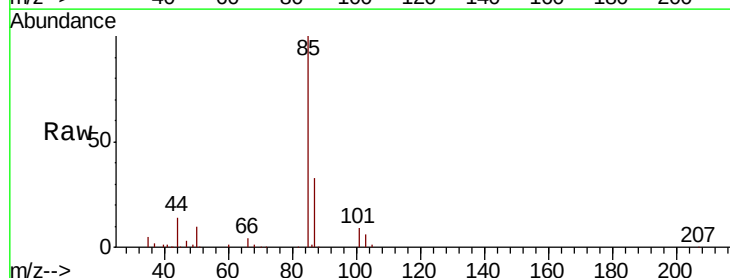
Acq: 02 Sep 2019 10:56

Tgt Ion: 85 Resp: 66712

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VU034191.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU034191.D (-1) (-)

1.20

60000

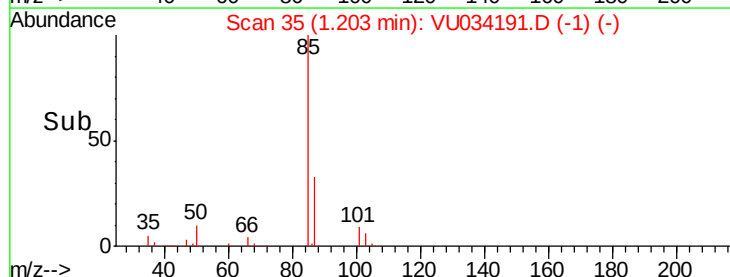
40000

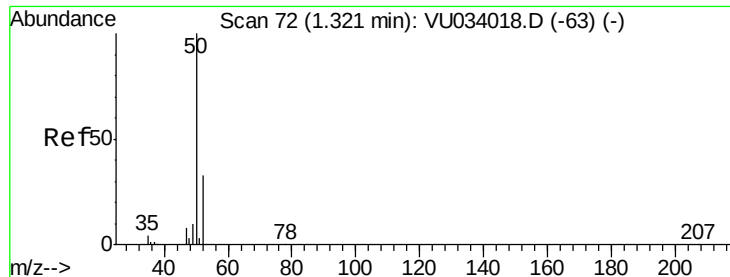
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.639 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

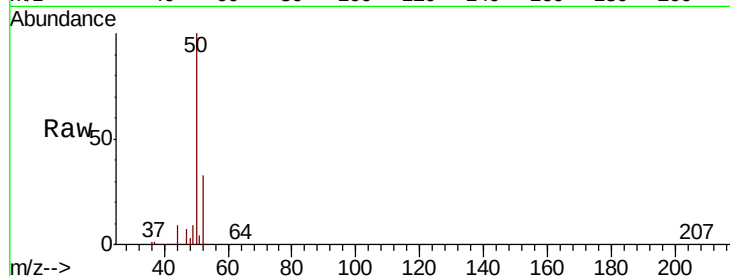
VU0903WBSD01

Tgt Ion: 50 Resp: 88158

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.32

100000

80000

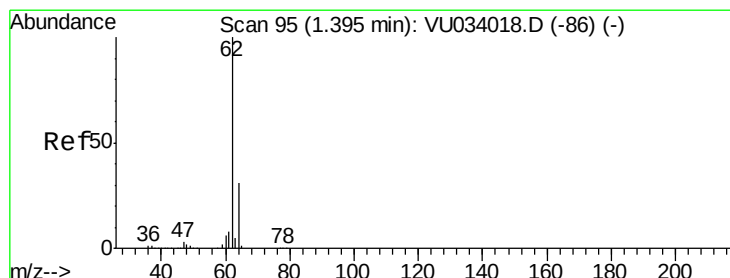
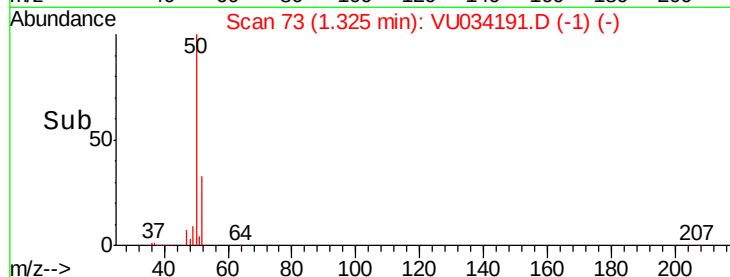
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 17.945 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034191.D

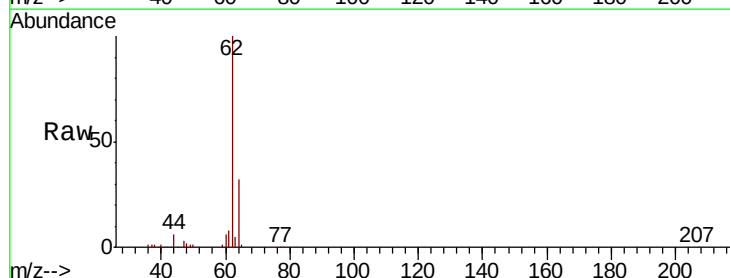
Acq: 02 Sep 2019 10:56

Tgt Ion: 62 Resp: 87423

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

100000

80000

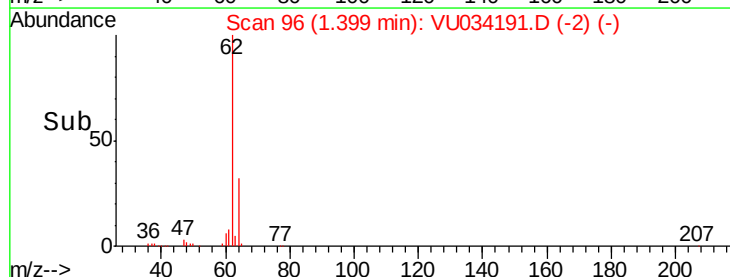
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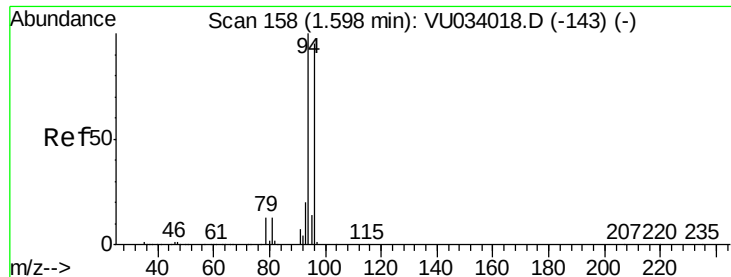
40000

20000

0

Time-->





#5

Bromomethane

Concen: 18.608 ug/l

RT: 1.62 min Scan# 164

Delta R.T. 0.02 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

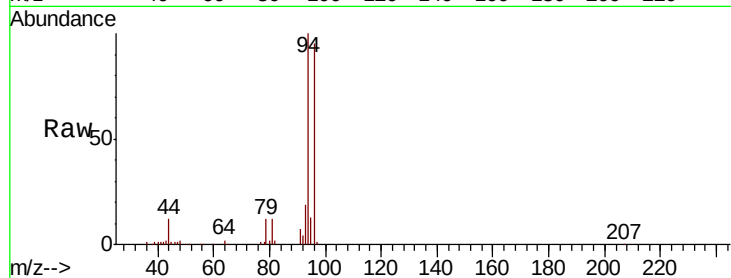
VU0903WBSD01

Tgt Ion: 94 Resp: 52189

Ion Ratio Lower Upper

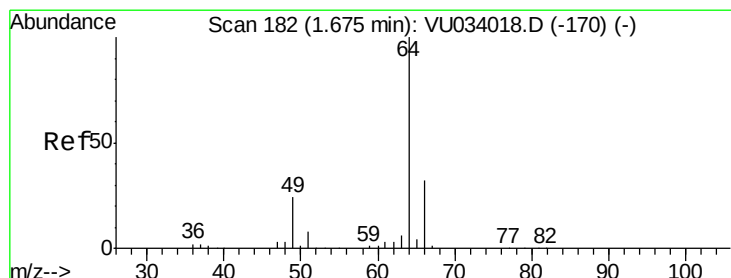
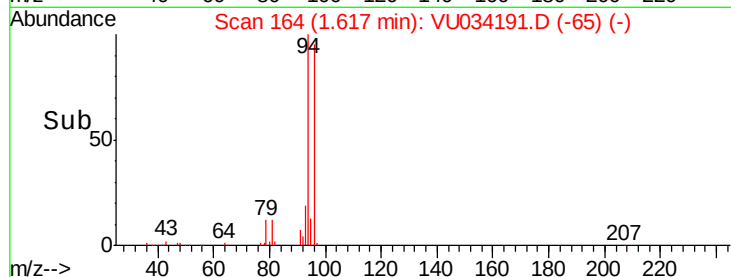
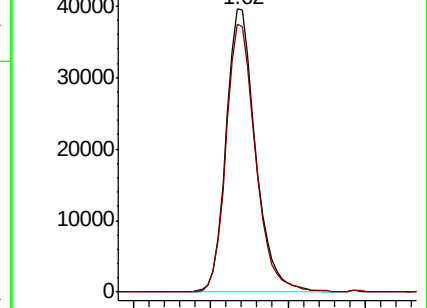
94 100

96 94.8 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034191.D (-164) (-)

Ion 95.90 (95.60 to 96.60): VU034191.D (-164) (-)



#6

Chloroethane

Concen: 18.589 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.02 min

Lab File: VU034191.D

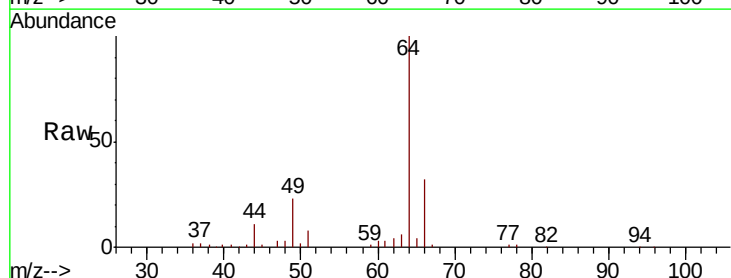
Acq: 02 Sep 2019 10:56

Tgt Ion: 64 Resp: 55367

Ion Ratio Lower Upper

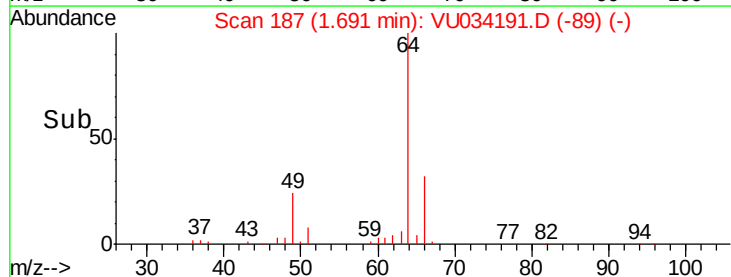
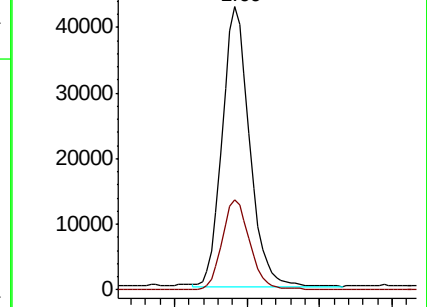
64 100

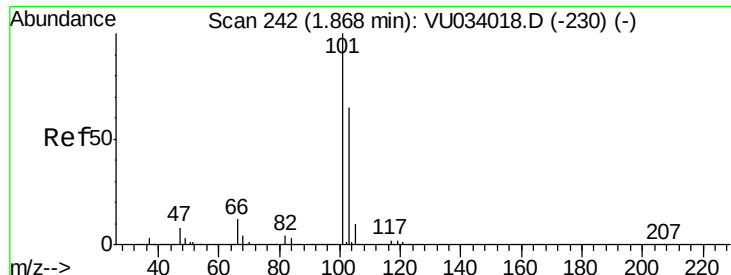
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034191.D (-187) (-)

Ion 65.90 (65.60 to 66.60): VU034191.D (-187) (-)



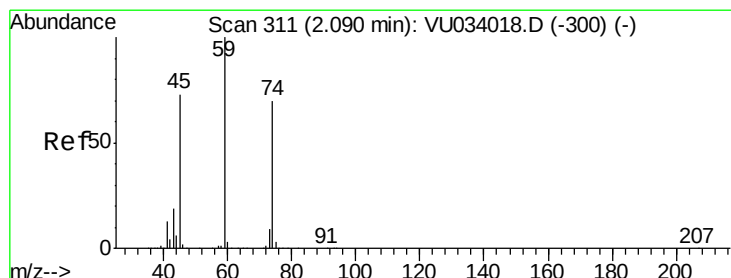
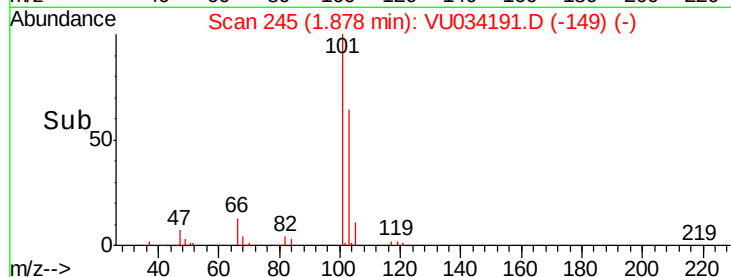
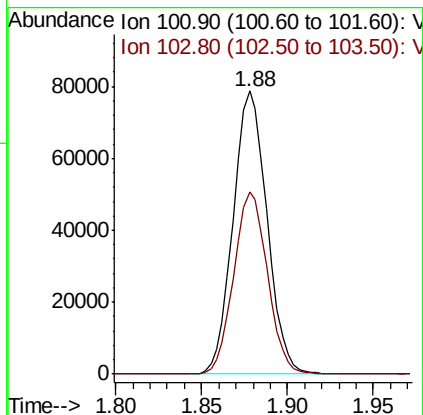
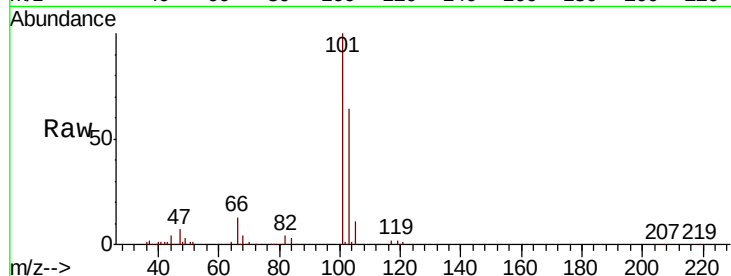


#7

Trichlorofluoromethane
 Concen: 19.089 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.01 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

Instrument :
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 VU0903WBSD01

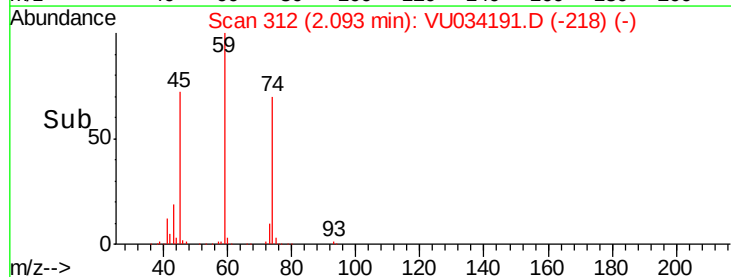
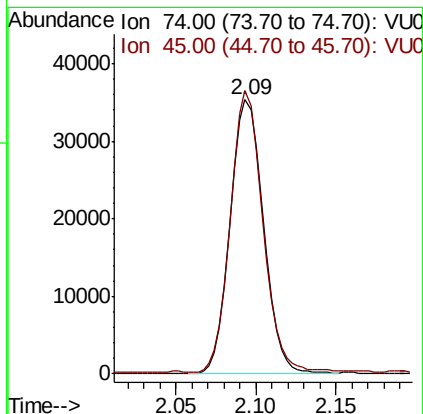
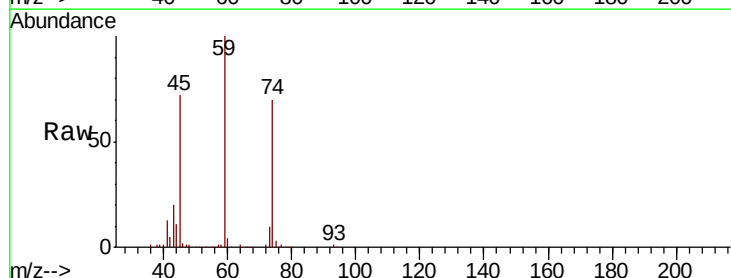
Tgt Ion: 101 Resp: 107756
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.1 78.1

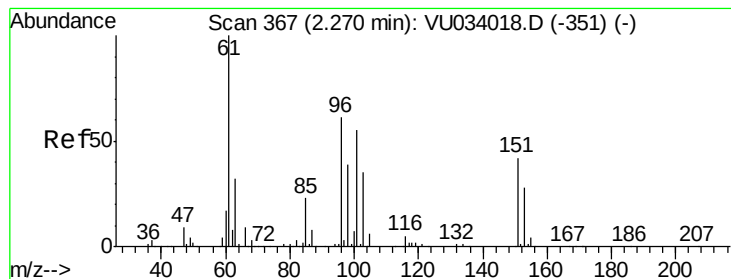


#8

Diethyl Ether
 Concen: 20.719 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

Tgt Ion: 74 Resp: 50033
 Ion Ratio Lower Upper
 74 100
 45 100.5 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.412 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.01 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0903WBSD01

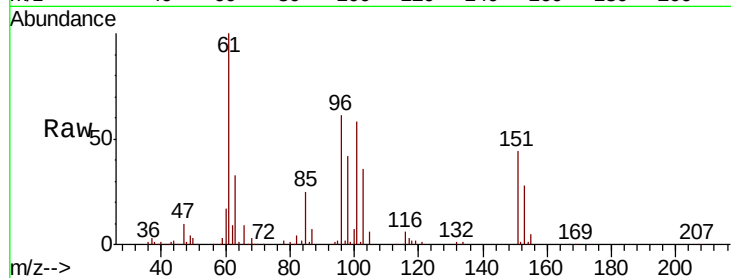
Tgt Ion:101 Resp: 69419

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.2

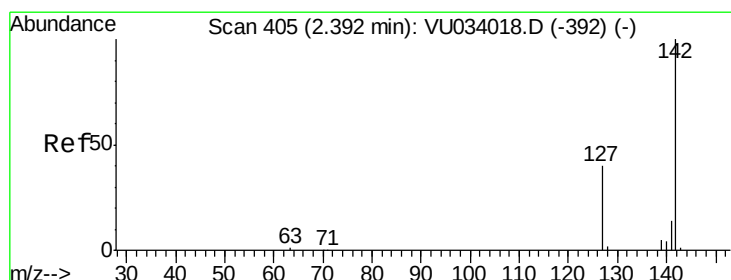
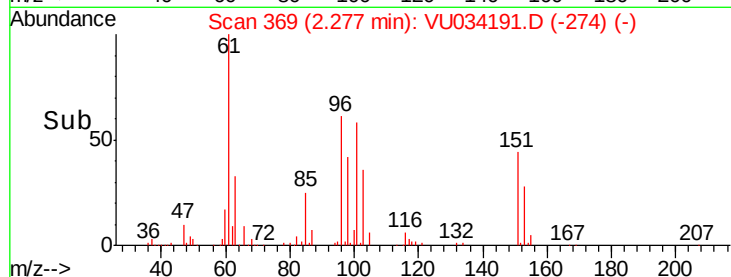
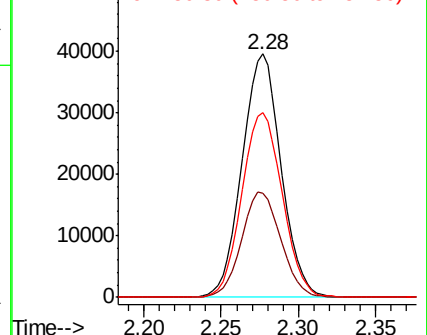
151 78.5 61.4 92.2



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: 9.626 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

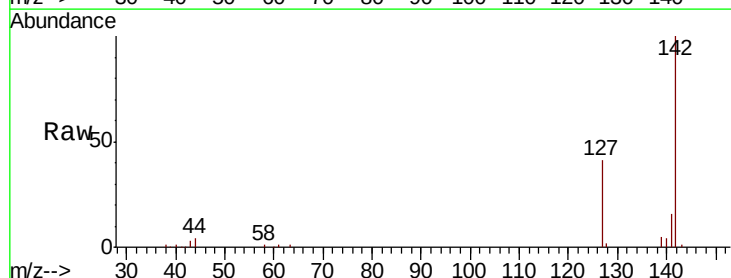
Tgt Ion:142 Resp: 48829

Ion Ratio Lower Upper

142 100

127 40.7 32.6 48.8

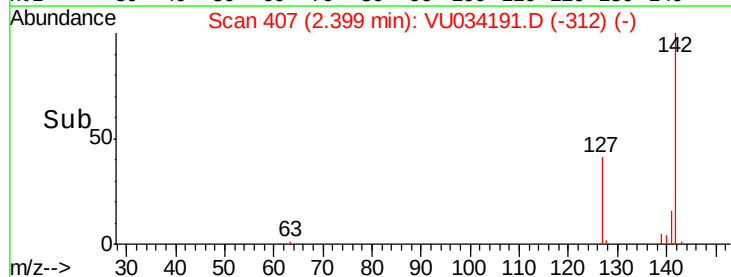
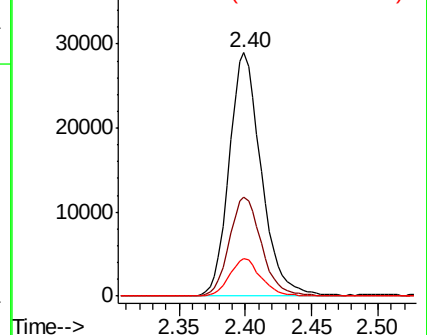
141 15.1 11.3 16.9

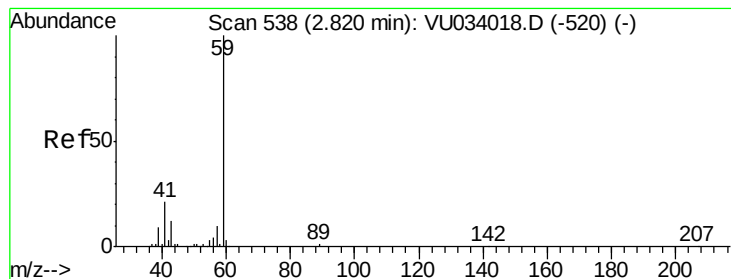


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.825 ug/l

RT: 2.81 min Scan# 535

Delta R.T. -0.01 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

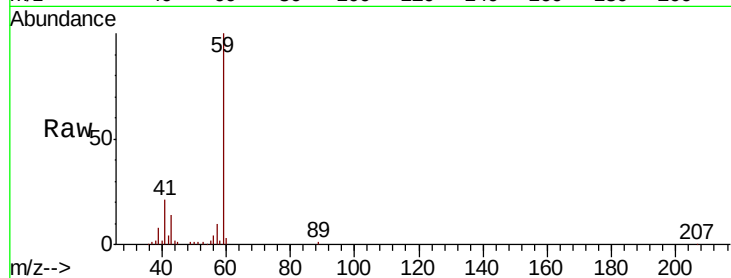
VU0903WBSD01

Tgt Ion: 59 Resp: 103054

Ion Ratio Lower Upper

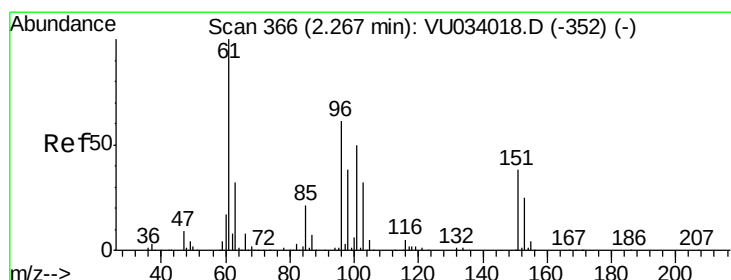
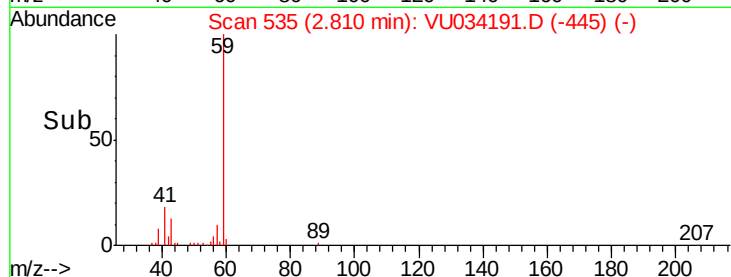
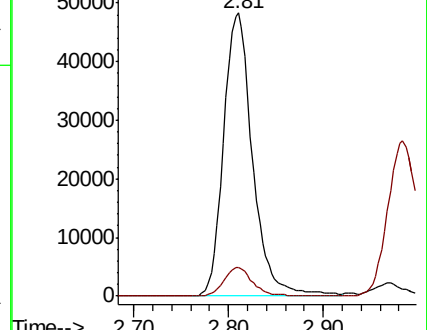
59 100

57 10.0 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VU034191.D (-520) (-)

Ion 57.00 (56.70 to 57.70): VU034191.D (-520) (-)



#12

1,1-Dichloroethene

Concen: 18.960 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.01 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

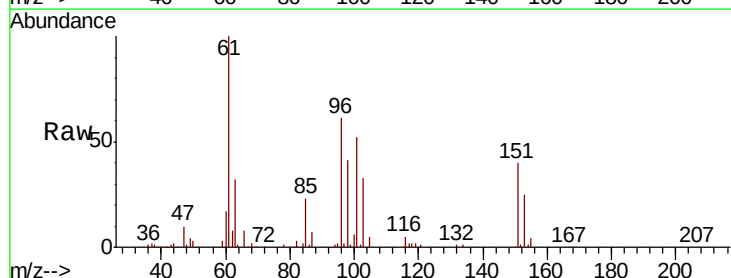
Tgt Ion: 96 Resp: 69084

Ion Ratio Lower Upper

96 100

61 164.9 131.3 196.9

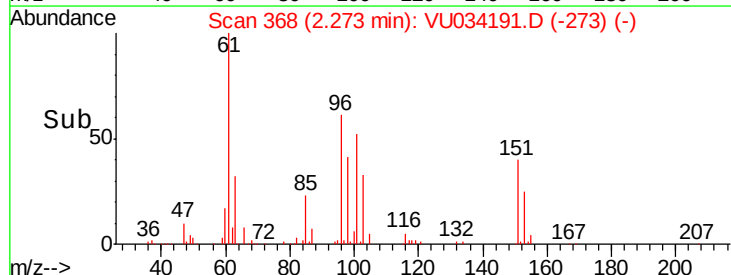
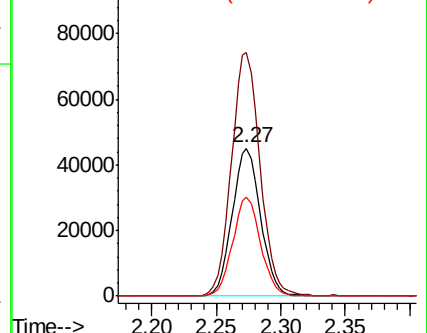
98 67.3 50.3 75.5

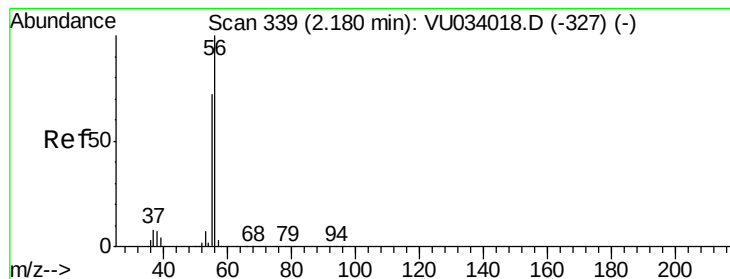


Abundance Ion 95.90 (95.60 to 96.60): VU034191.D (-273) (-)

Ion 60.90 (60.60 to 61.60): VU034191.D (-273) (-)

Ion 97.90 (97.60 to 98.60): VU034191.D (-273) (-)





#13

Acrolein

Concen: 55.030 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

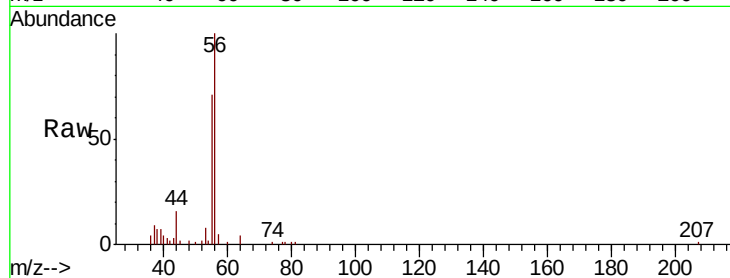
VU0903WBSD01

Tgt Ion: 56 Resp: 24896

Ion Ratio Lower Upper

56 100

55 70.0 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.18

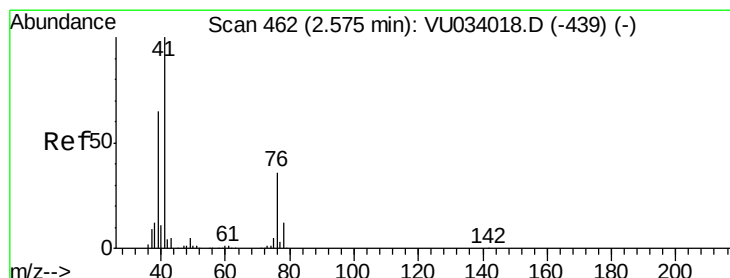
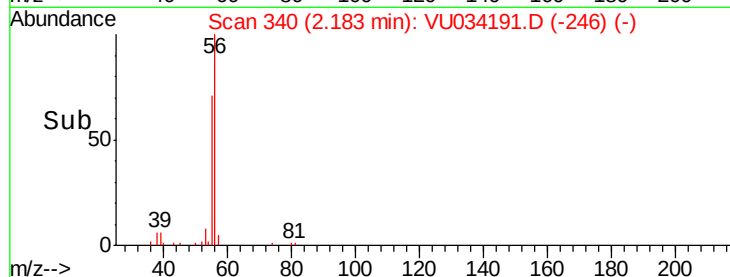
15000

10000

5000

0

Time--> 2.10 2.15 2.20 2.25



#14

Allyl chloride

Concen: 17.518 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

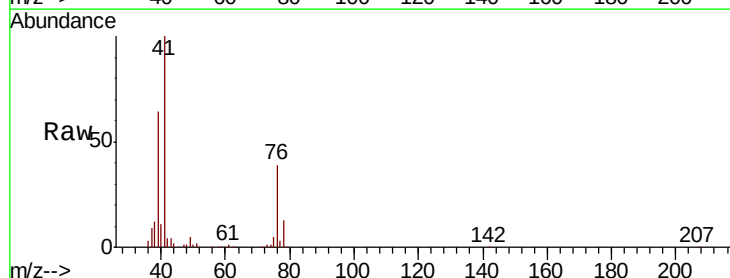
Tgt Ion: 41 Resp: 120006

Ion Ratio Lower Upper

41 100

39 60.5 46.8 70.2

76 36.4 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.58

80000

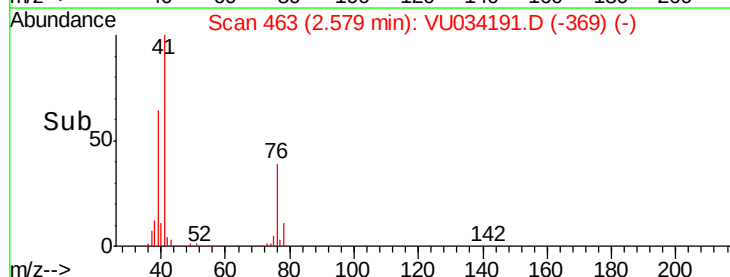
60000

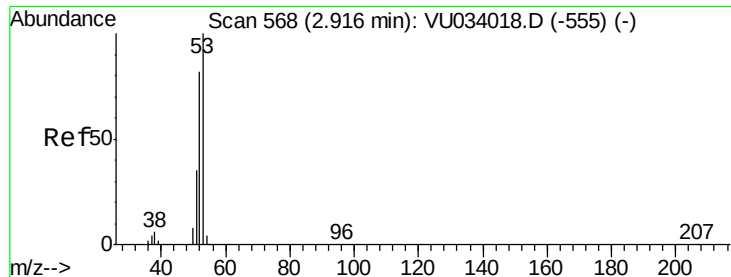
40000

20000

0

Time--> 2.50 2.55 2.60 2.65





#15

Acrylonitrile

Concen: 107.778 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampled :

VU0903WBSD01

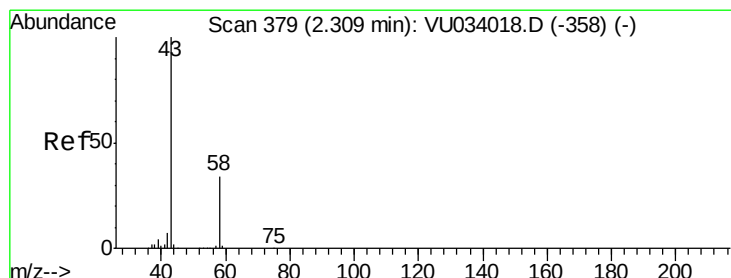
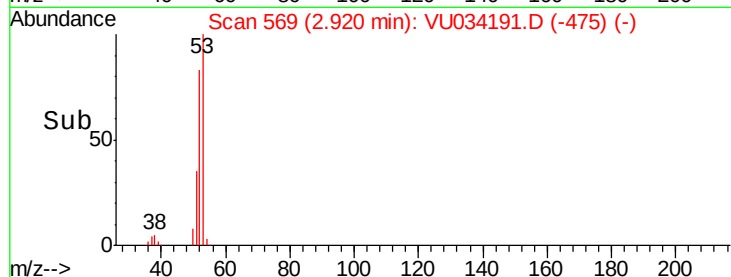
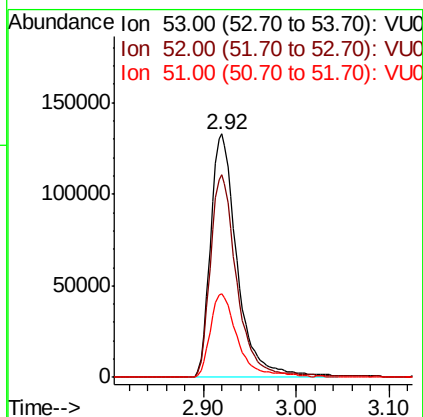
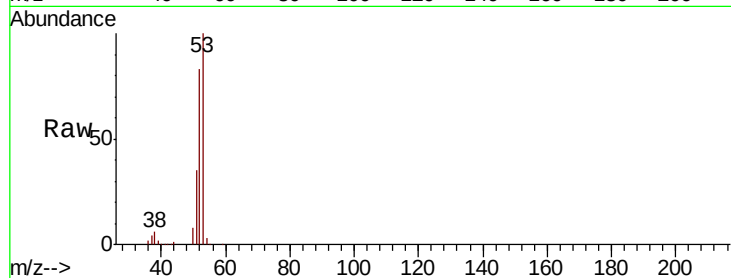
Tgt Ion: 53 Resp: 265973

Ion Ratio Lower Upper

53 100

52 82.6 65.7 98.5

51 35.4 27.9 41.9



#16

Acetone

Concen: 104.431 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034191.D

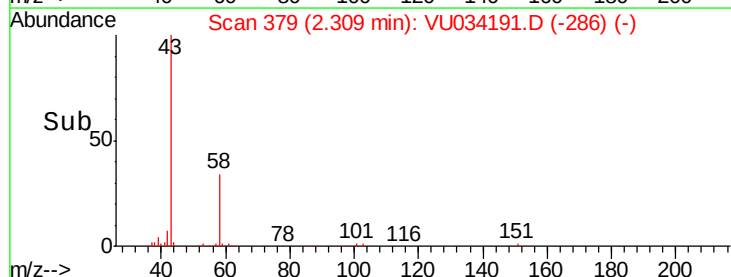
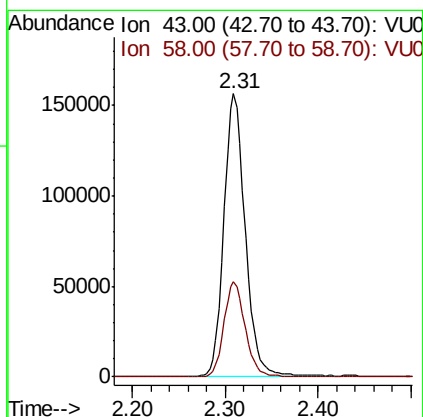
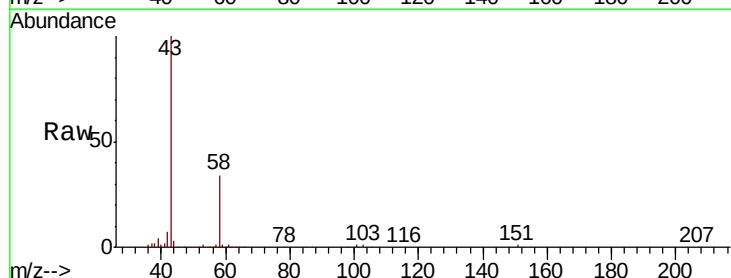
Acq: 02 Sep 2019 10:56

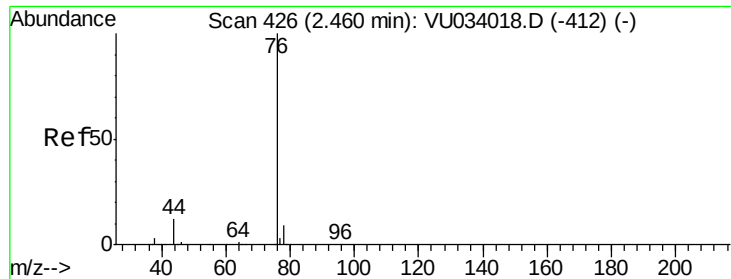
Tgt Ion: 43 Resp: 248499

Ion Ratio Lower Upper

43 100

58 33.6 26.8 40.2

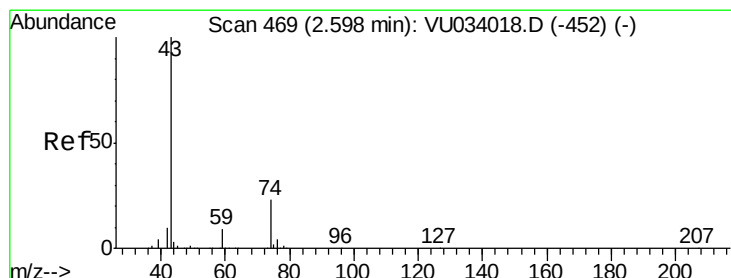
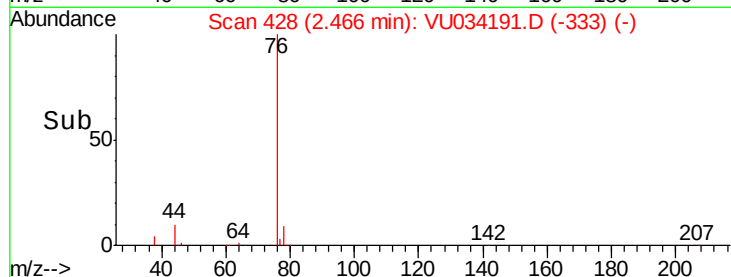
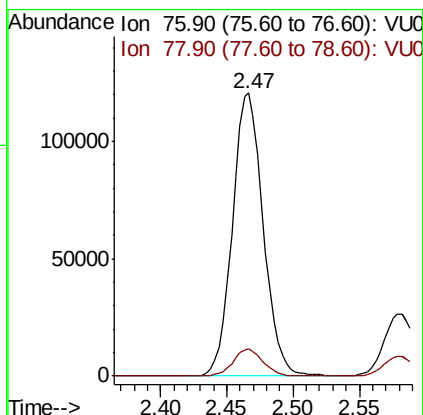
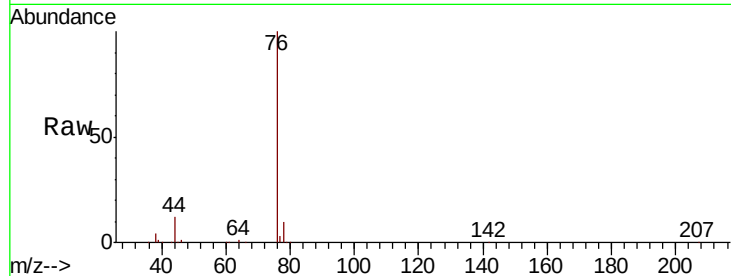




#17
Carbon Disulfide
Concen: 16.830 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.01 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

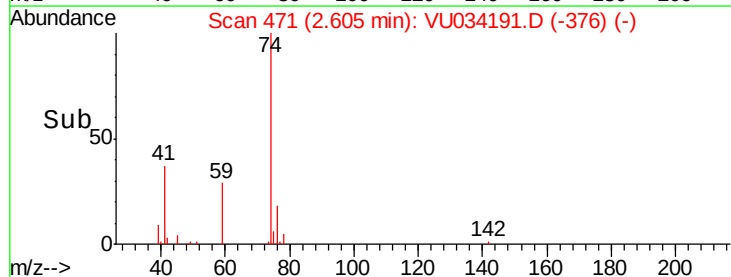
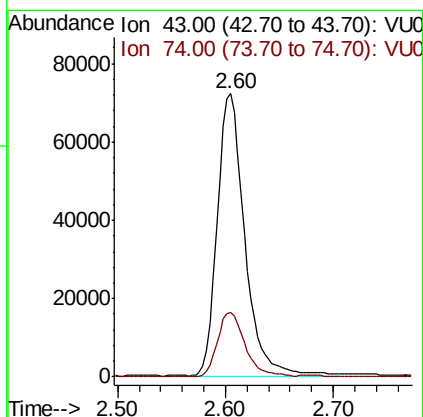
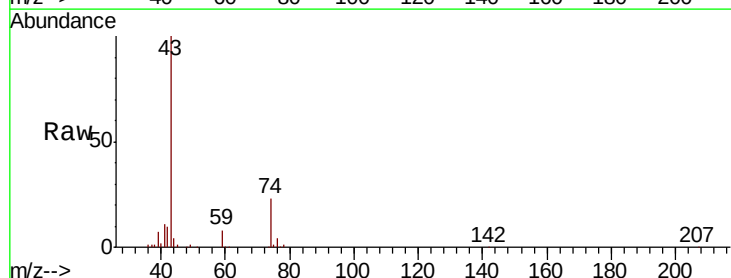
Instrument :
MSVOA_U
ClientSampleId :
VU0903WBSD01

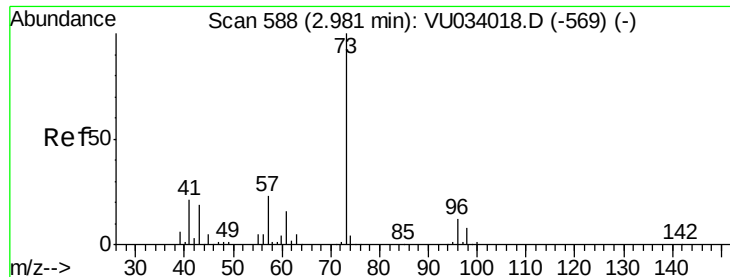
Tgt Ion: 76 Resp: 194085
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 20.760 ug/l
RT: 2.60 min Scan# 471
Delta R.T. 0.01 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

Tgt Ion: 43 Resp: 127658
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 21.206 ug/l

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

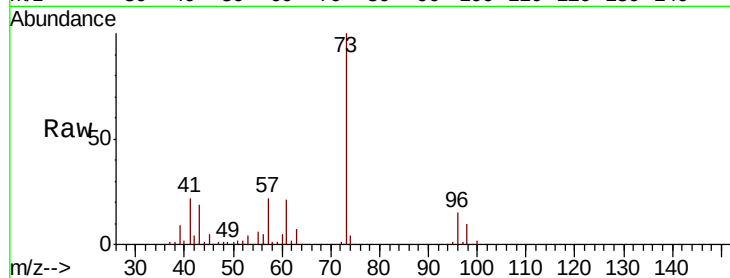
VU0903WBSD01

Tgt Ion: 73 Resp: 253167

Ion Ratio Lower Upper

73 100

57 22.3 18.3 27.5



Abundance Ion 73.00 (72.70 to 73.70): VU034191.D (-569) (-)

Ion 57.00 (56.70 to 57.70): VU034191.D (-569) (-)

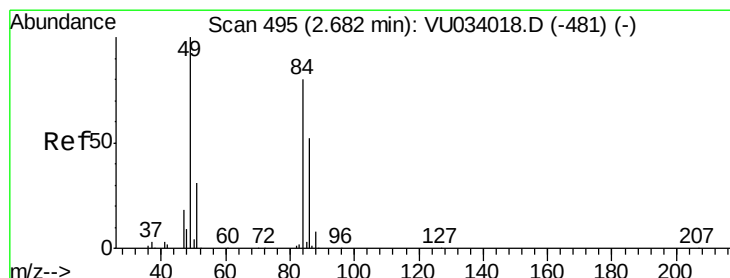
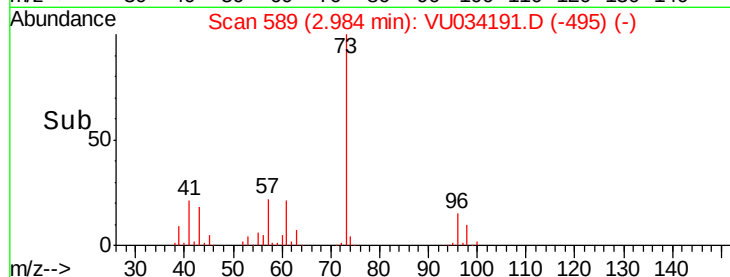
2.98

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 19.806 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Tgt Ion: 84 Resp: 89223

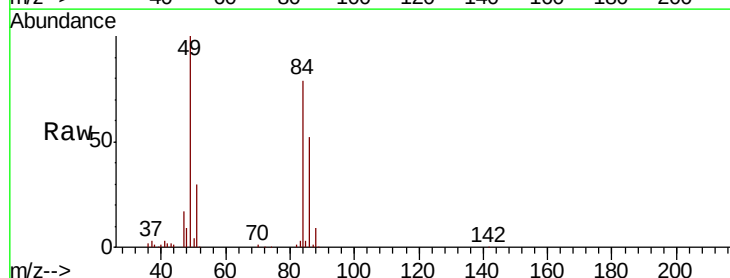
Ion Ratio Lower Upper

84 100

49 126.1 100.2 150.4

51 38.3 30.8 46.2

86 65.3 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034191.D (-402) (-)

Ion 48.90 (48.60 to 49.60): VU034191.D (-402) (-)

Ion 50.90 (50.60 to 51.60): VU034191.D (-402) (-)

Ion 85.90 (85.60 to 86.60): VU034191.D (-402) (-)

2.69

80000

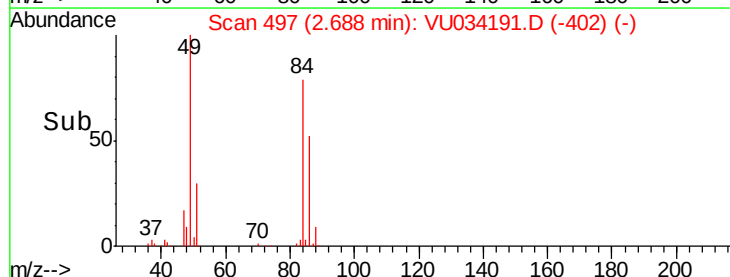
60000

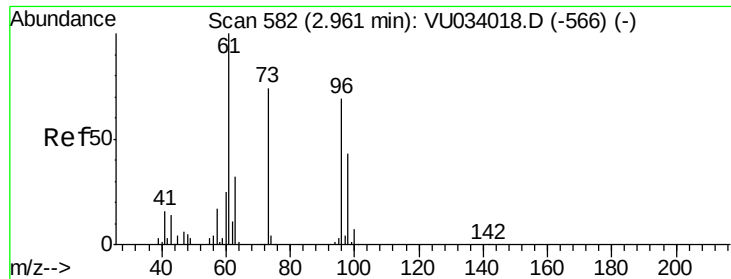
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 19.172 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0903WBSD01

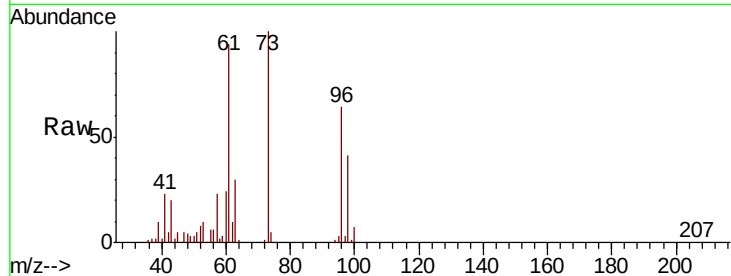
Tgt Ion: 96 Resp: 75813

Ion Ratio Lower Upper

96 100

61 148.2 115.5 173.3

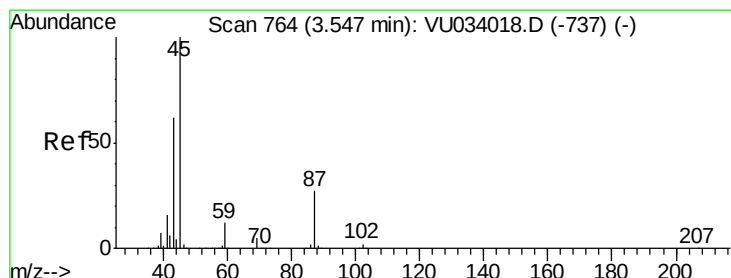
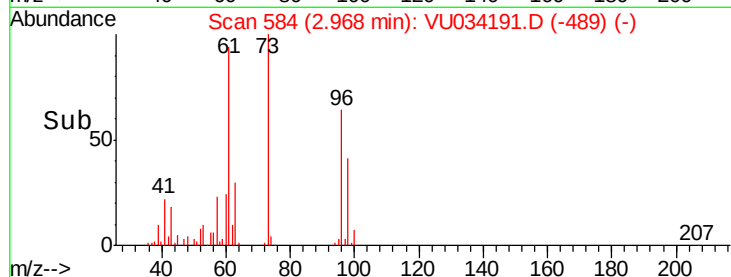
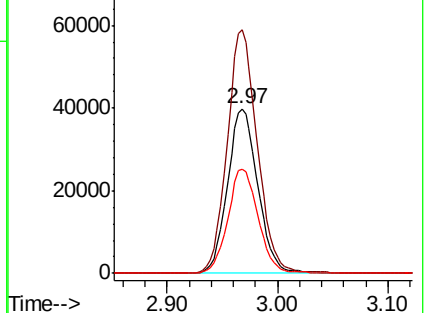
98 63.8 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VU034191.D (-489) (-)

Ion 60.90 (60.60 to 61.60): VU034191.D (-489) (-)

Ion 97.90 (97.60 to 98.60): VU034191.D (-489) (-)



#22

Diisopropyl ether

Concen: 21.414 ug/l

RT: 3.55 min Scan# 766

Delta R.T. 0.01 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Tgt Ion: 45 Resp: 268815

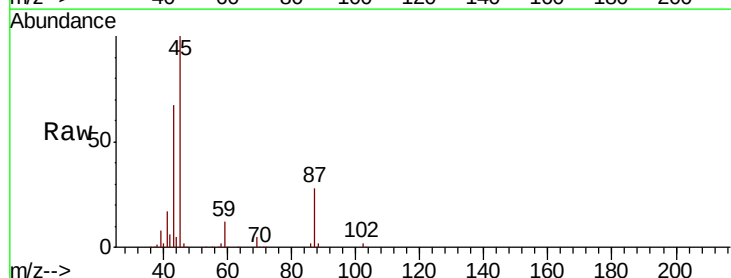
Ion Ratio Lower Upper

45 100

43 67.2 49.7 74.5

87 28.1 21.8 32.8

59 12.2 9.3 13.9

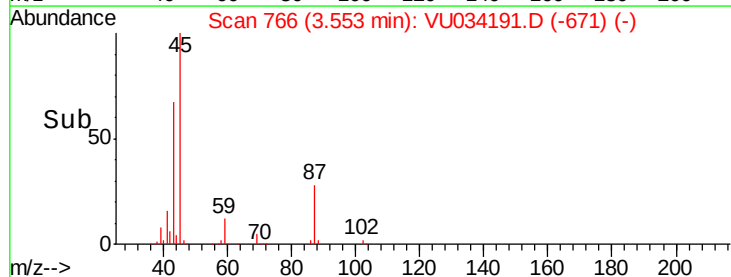
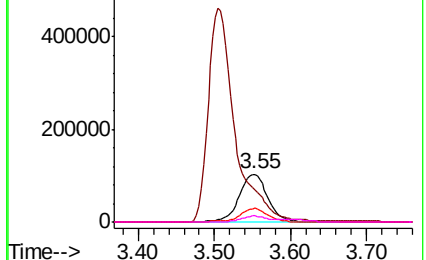


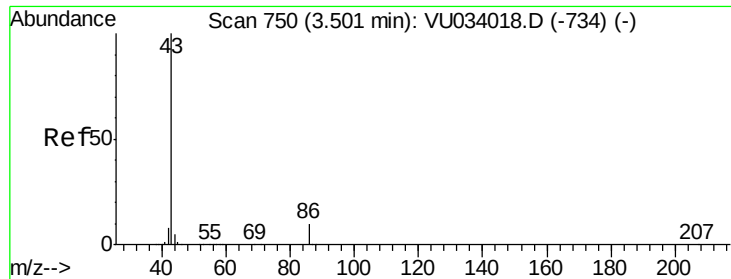
Abundance Ion 45.00 (44.70 to 45.70): VU034191.D (-671) (-)

Ion 43.00 (42.70 to 43.70): VU034191.D (-671) (-)

Ion 87.00 (86.70 to 87.70): VU034191.D (-671) (-)

Ion 59.00 (58.70 to 59.70): VU034191.D (-671) (-)





#23

Vinyl Acetate

Concen: 104.657 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

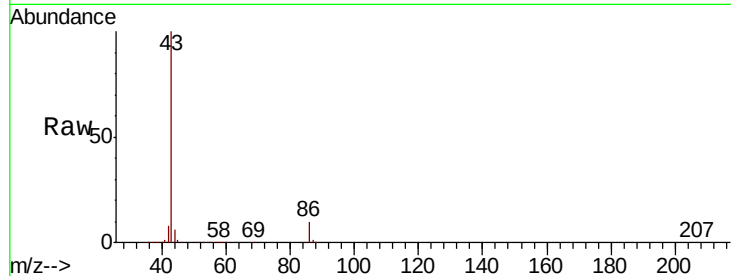
VU0903WBSD01

Tgt Ion: 43 Resp: 1128565

Ion Ratio Lower Upper

43 100

86 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034191.D (-657) (-)

Ion 86.00 (85.70 to 86.70): VU034191.D (-657) (-)

3.50

500000

400000

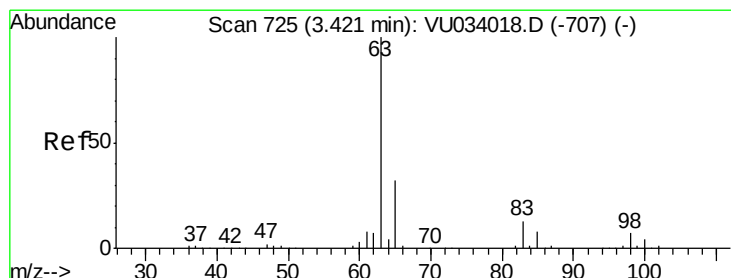
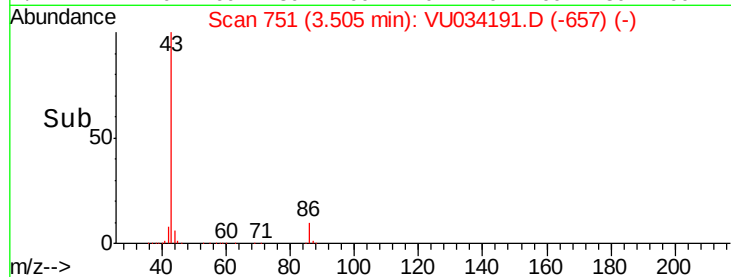
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.536 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.01 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

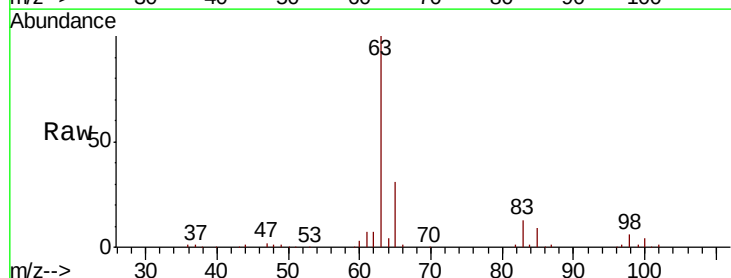
Tgt Ion: 63 Resp: 152197

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU034191.D (-632) (-)

Ion 97.90 (97.60 to 98.60): VU034191.D (-632) (-)

Ion 99.90 (99.60 to 100.60): VU034191.D (-632) (-)

3.43

80000

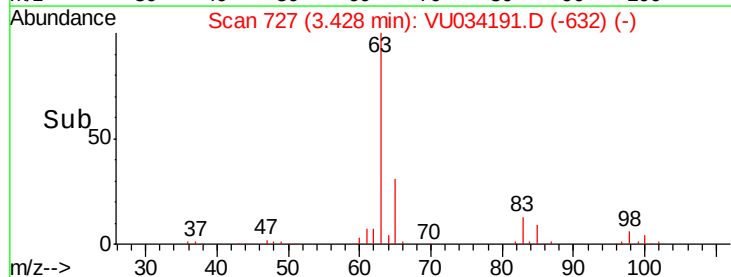
60000

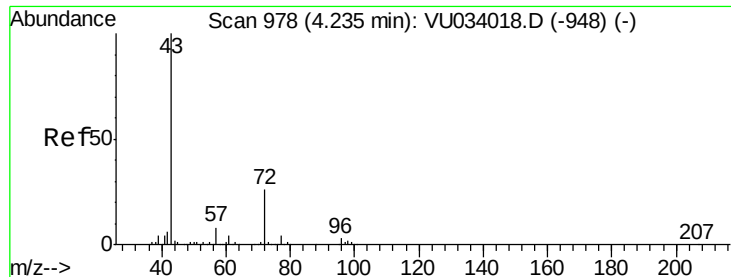
40000

20000

0

Time-->





#25

2-Butanone

Concen: 107.088 ug/l

RT: 4.24 min Scan# 980

Delta R.T. 0.01 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

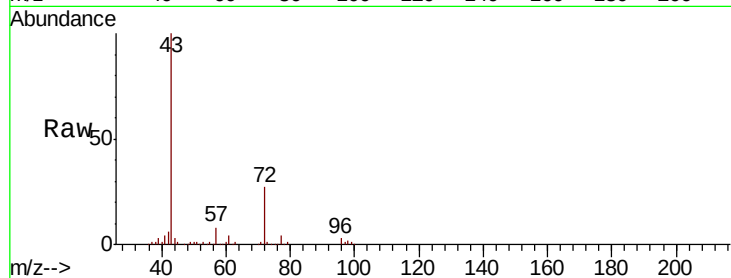
VU0903WBSD01

Tgt Ion: 43 Resp: 354522

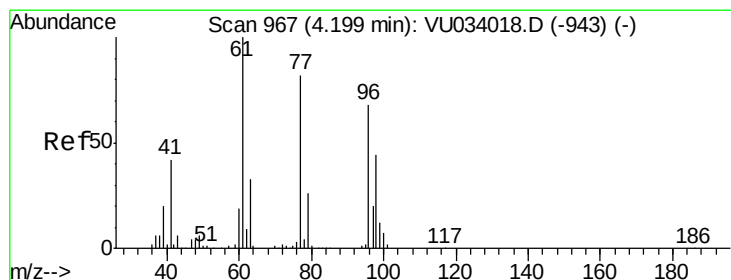
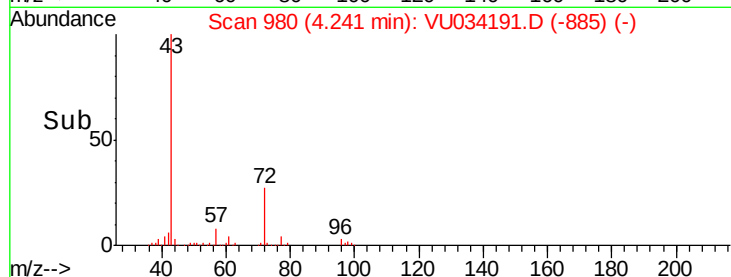
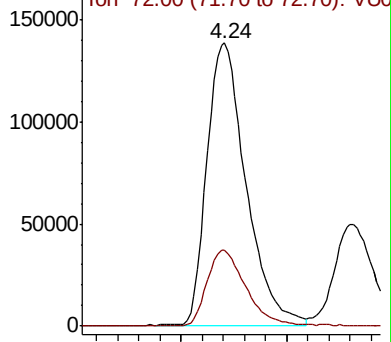
Ion Ratio Lower Upper

43 100

72 26.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VU034191.D (-885) (-)



#26

2,2-Dichloropropane

Concen: 19.479 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034191.D

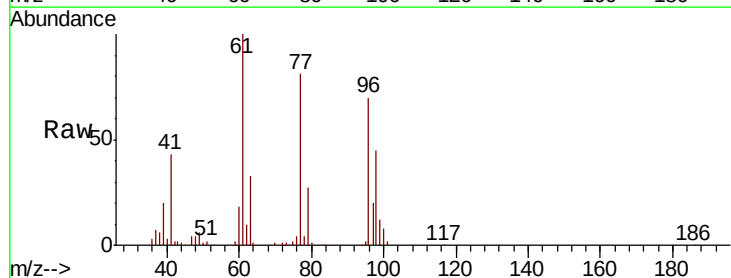
Acq: 02 Sep 2019 10:56

Tgt Ion: 77 Resp: 117470

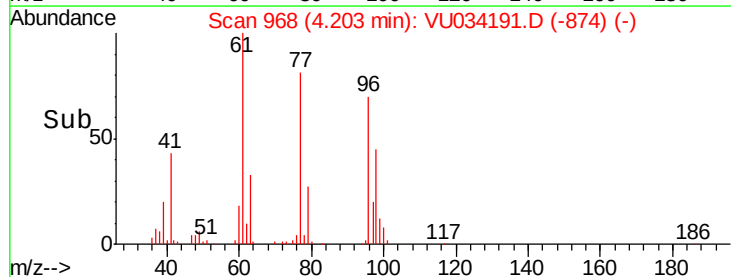
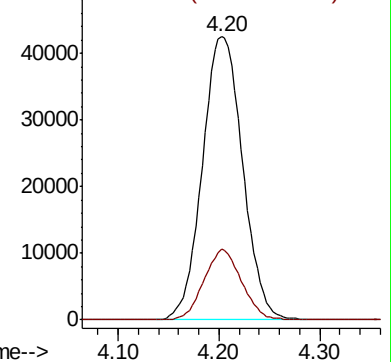
Ion Ratio Lower Upper

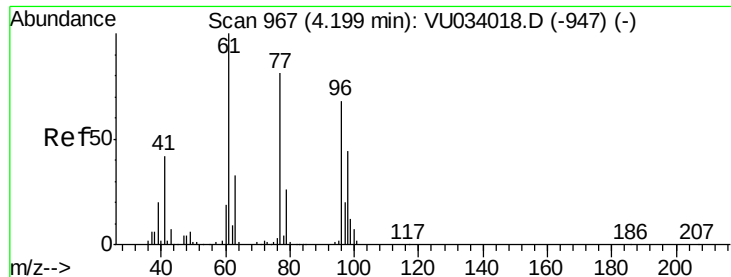
77 100

97 23.3 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VU034191.D (-874) (-)





#27

cis-1,2-Dichloroethene

Concen: 20.098 ug/l

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0903WBSD01

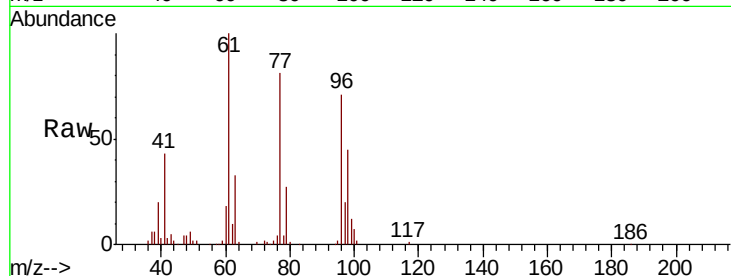
Tgt Ion: 96 Resp: 89202

Ion Ratio Lower Upper

96 100

61 146.6 0.0 303.0

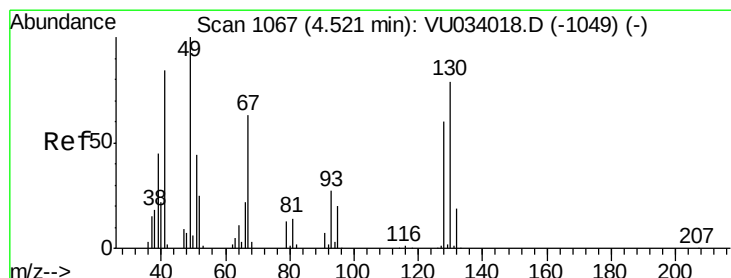
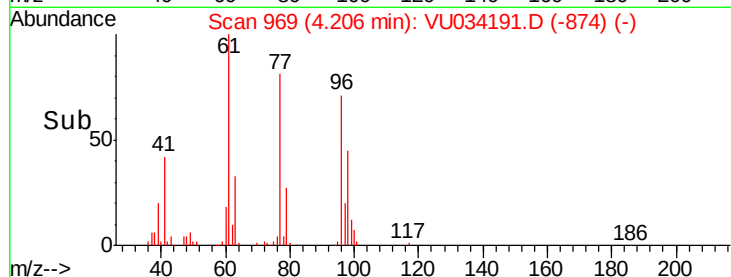
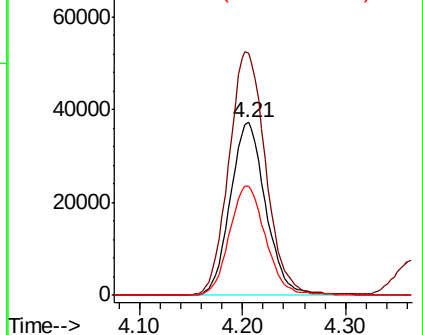
98 64.9 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 21.329 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

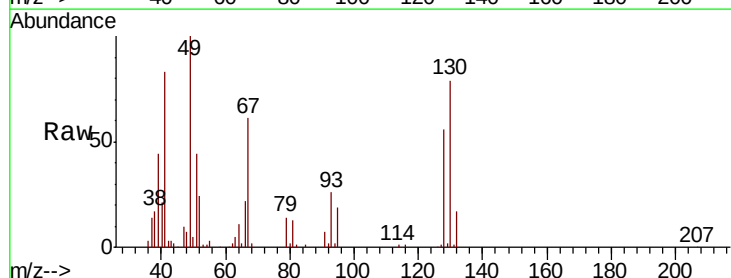
Tgt Ion: 49 Resp: 77879

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

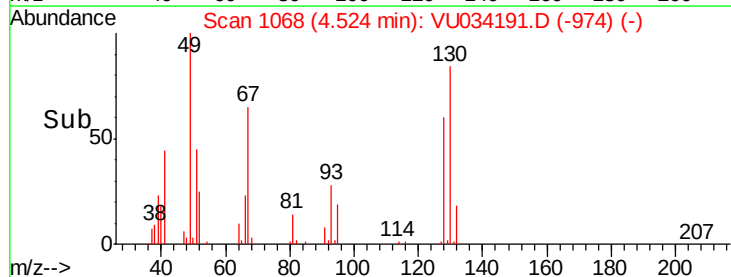
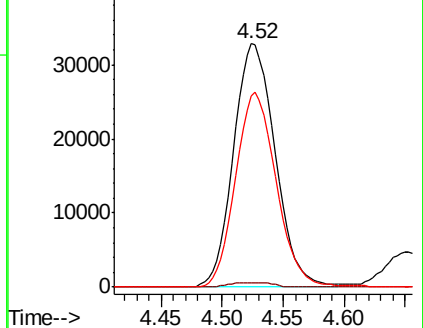
130 78.3 62.8 94.2

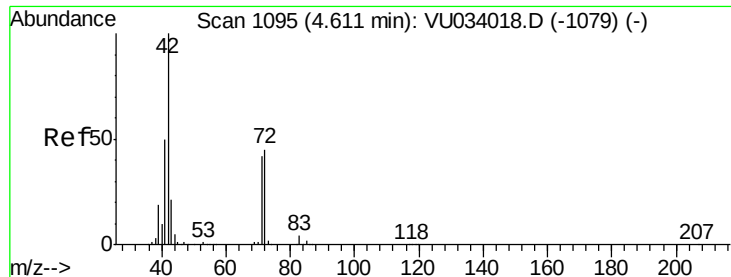


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 108.563 ug/l

RT: 4.62 min Scan# 1097

Delta R.T. 0.01 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0903WBSD01

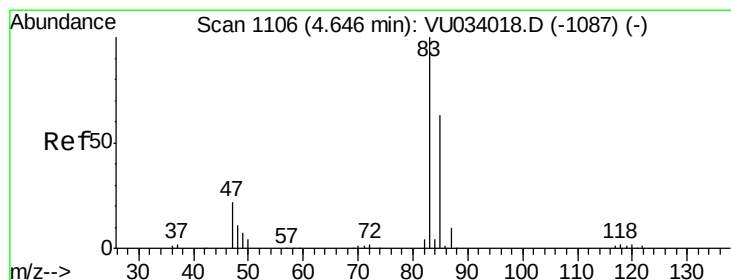
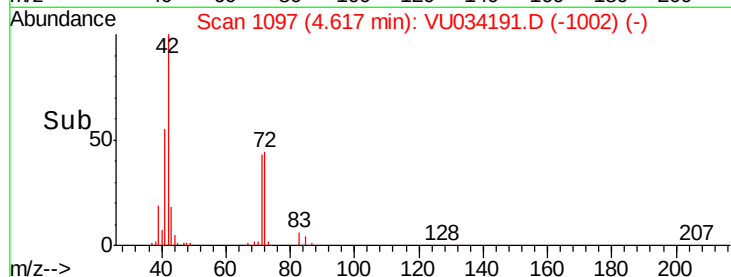
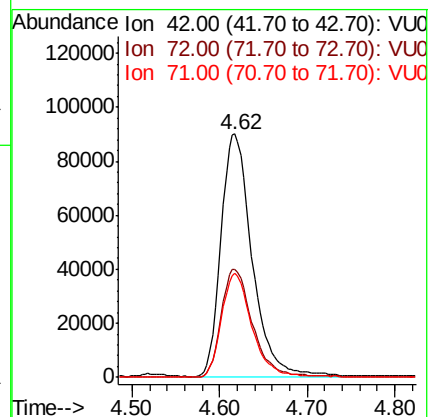
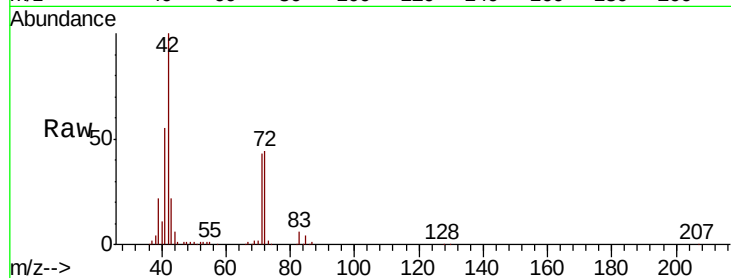
Tgt Ion: 42 Resp: 221646

Ion Ratio Lower Upper

42 100

72 45.5 35.8 53.6

71 42.1 34.0 51.0



#30

Chloroform

Concen: 20.140 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VU034191.D

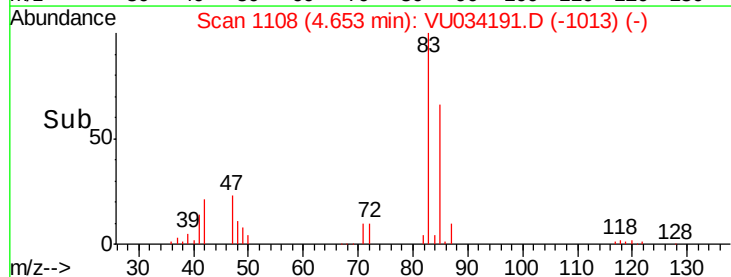
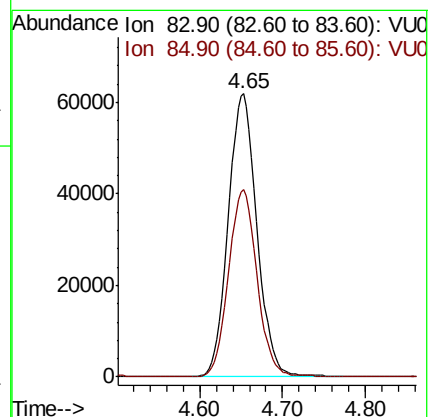
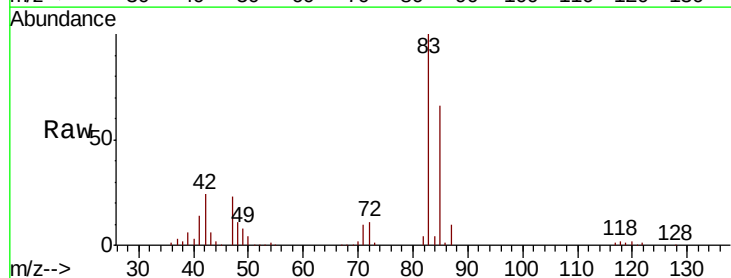
Acq: 02 Sep 2019 10:56

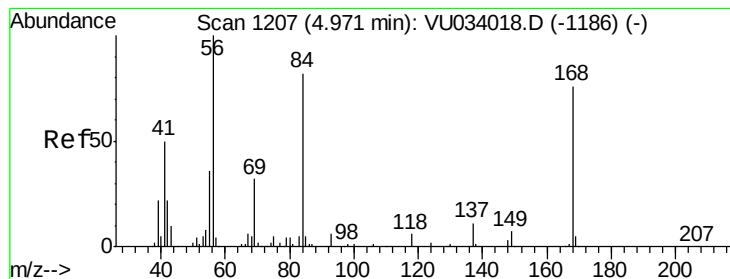
Tgt Ion: 83 Resp: 148923

Ion Ratio Lower Upper

83 100

85 66.0 50.7 76.1





#31

Cyclohexane

Concen: 17.847 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0903WBSD01

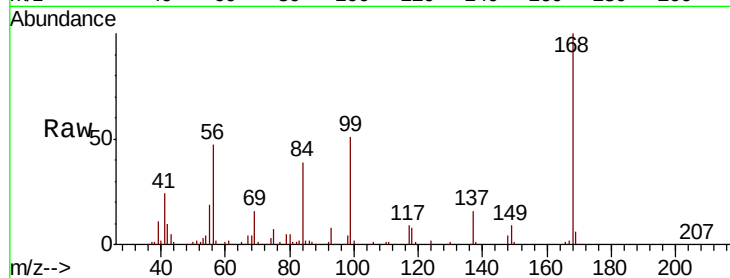
Tgt Ion: 56 Resp: 124285

Ion Ratio Lower Upper

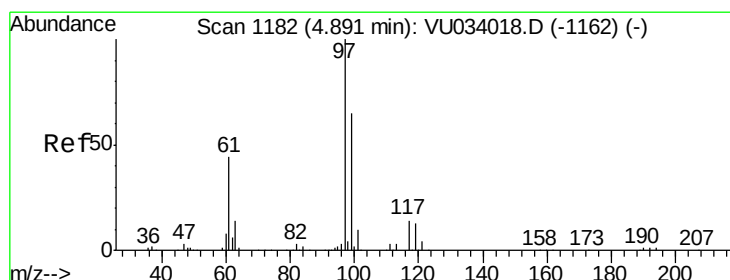
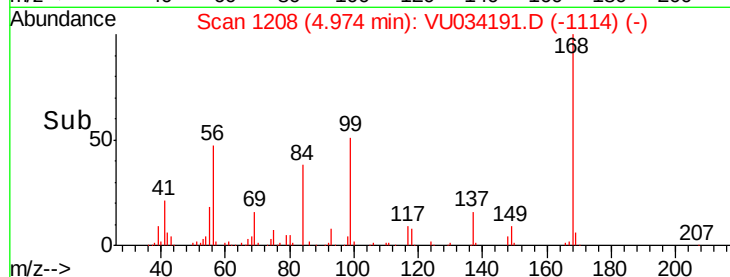
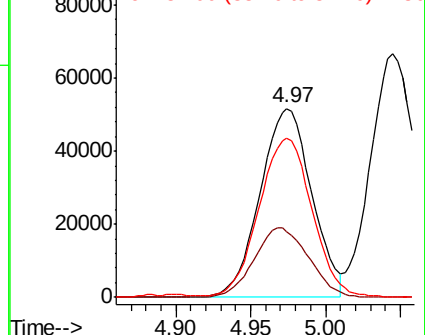
56 100

69 35.0 25.4 38.0

84 83.5 65.8 98.8



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: 19.651 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

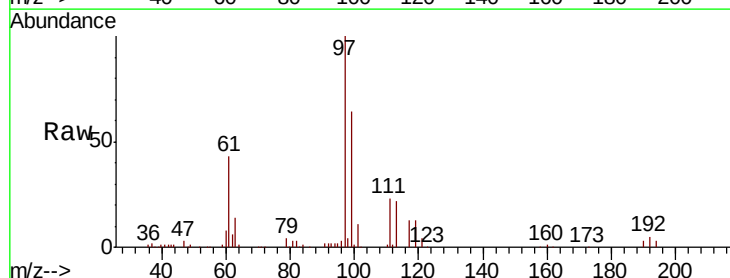
Tgt Ion: 97 Resp: 119006

Ion Ratio Lower Upper

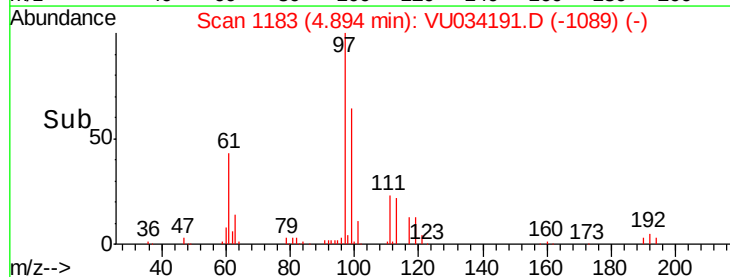
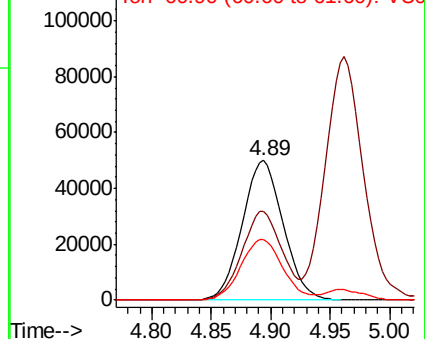
97 100

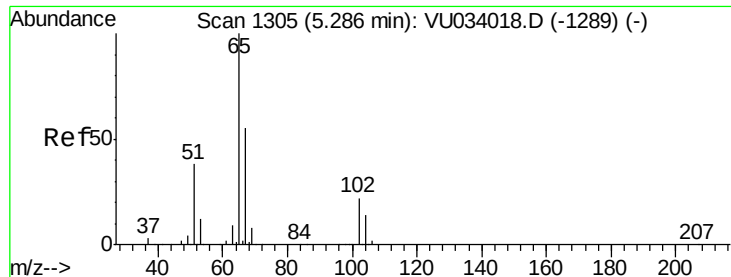
99 63.2 51.8 77.6

61 44.5 35.3 52.9



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

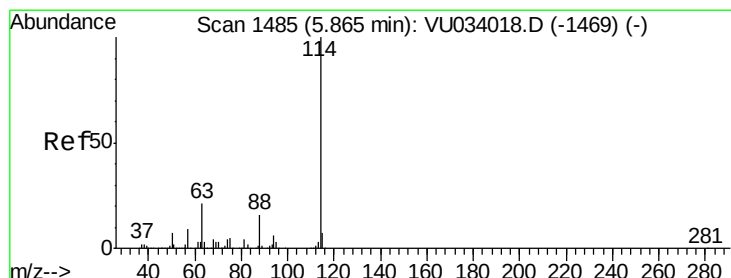
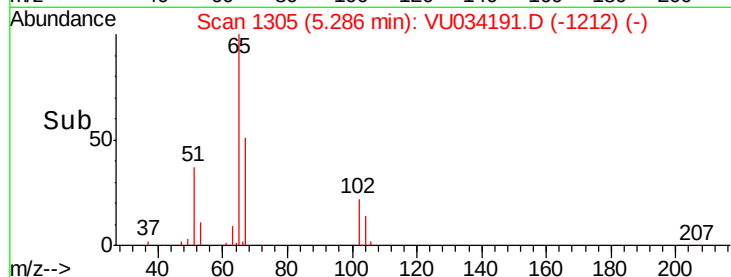
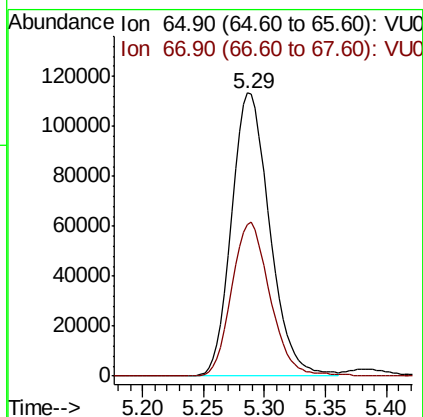
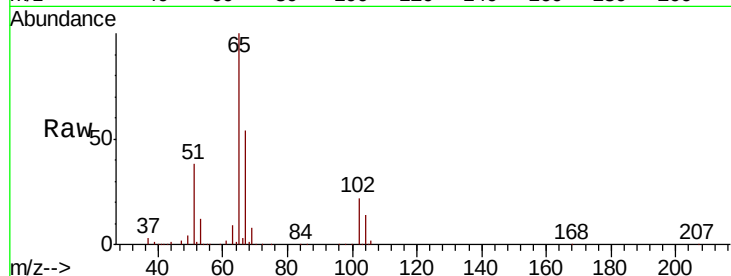




#33
 1,2-Dichloroethane-d4
 Concen: 52.824 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

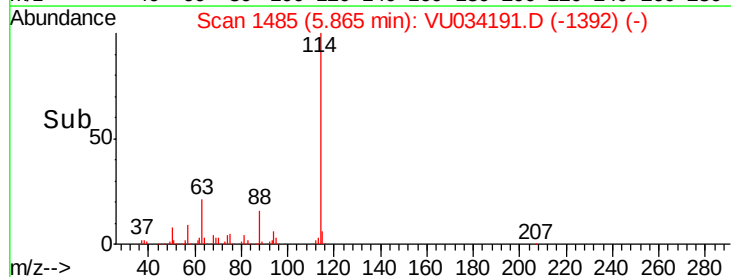
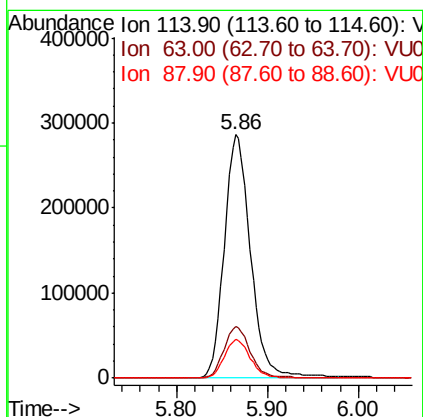
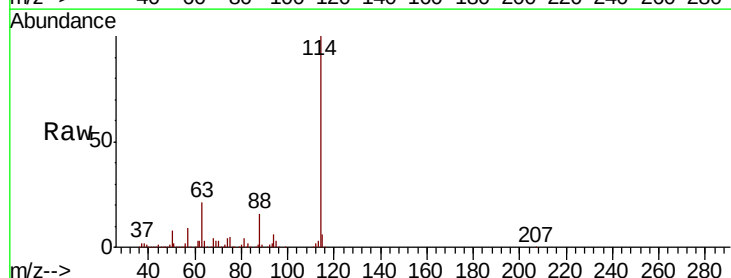
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBSD01

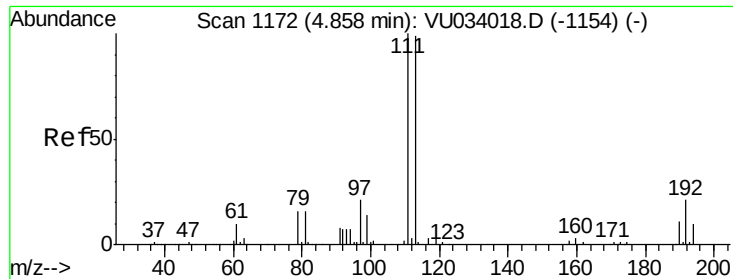
Tgt Ion: 65 Resp: 246345
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

Tgt Ion: 114 Resp: 577117
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.0
 88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.005 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0903WBSD01

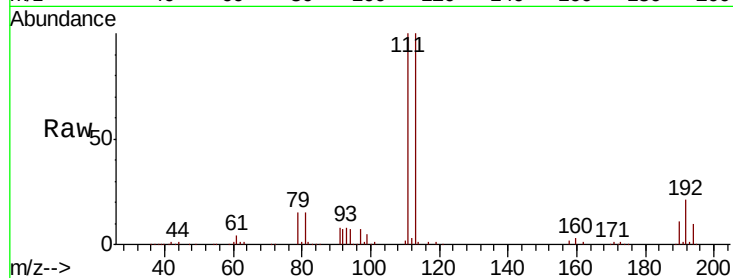
Tgt Ion: 113 Resp: 204163

Ion Ratio Lower Upper

113 100

111 102.1 81.7 122.5

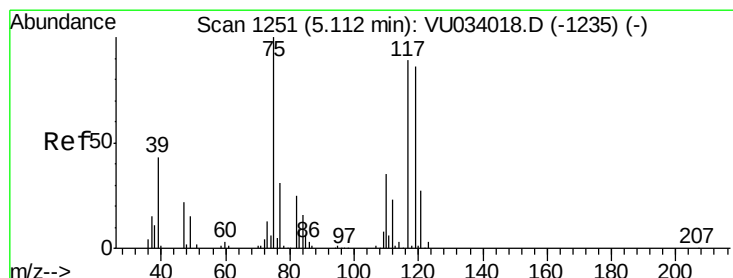
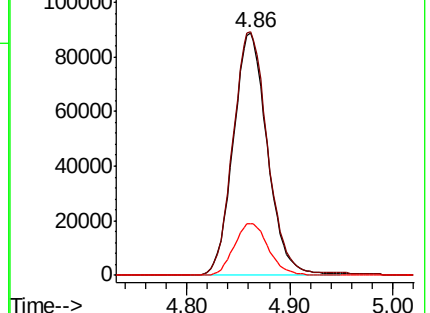
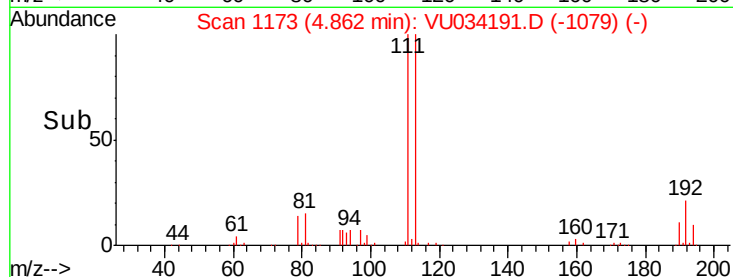
192 21.6 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.622 ug/l

RT: 5.12 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

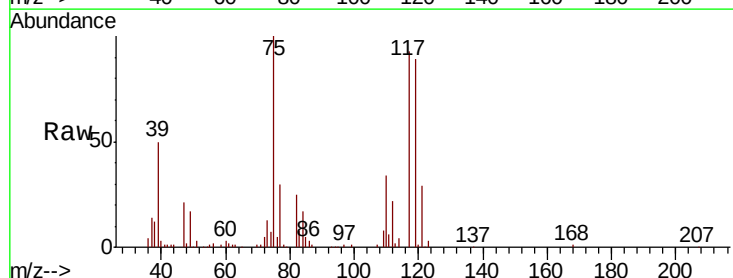
Tgt Ion: 75 Resp: 101653

Ion Ratio Lower Upper

75 100

110 35.1 17.8 53.5

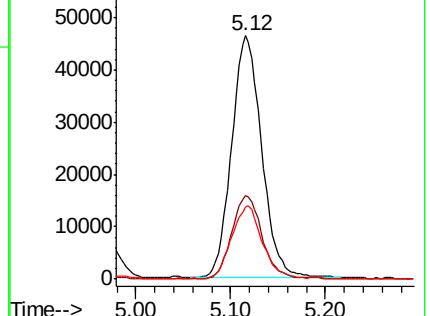
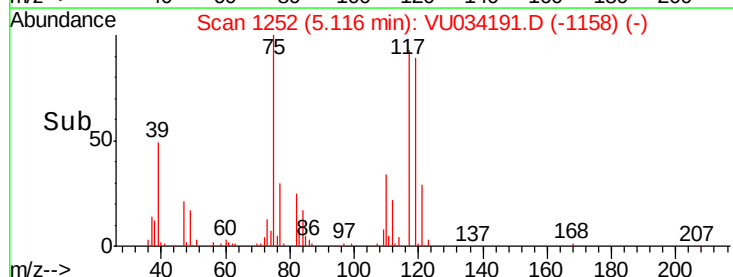
77 31.2 25.0 37.4

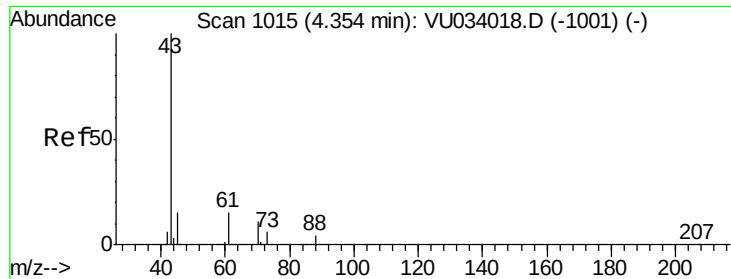


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

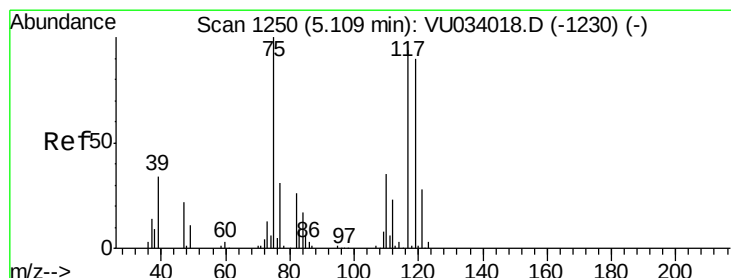
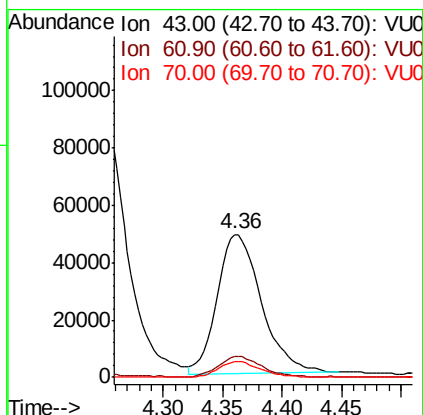
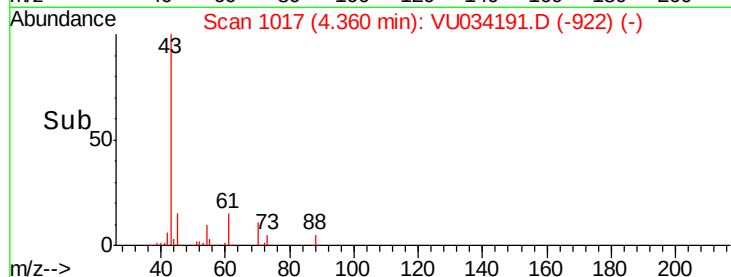
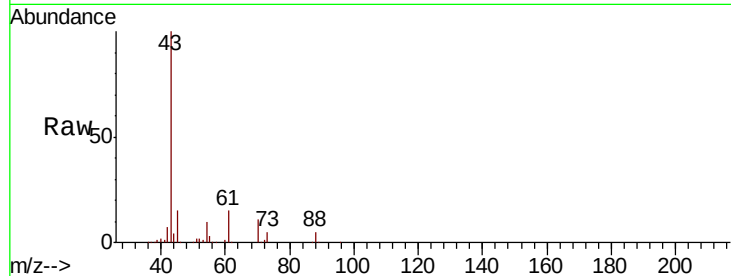




#37
 Ethyl Acetate
 Concen: 20.495 ug/l
 RT: 4.36 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

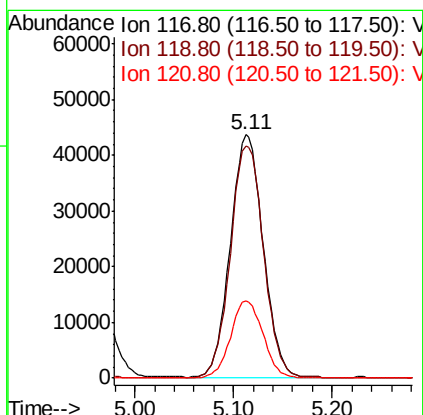
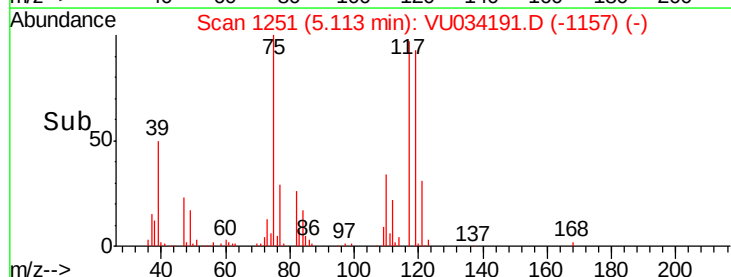
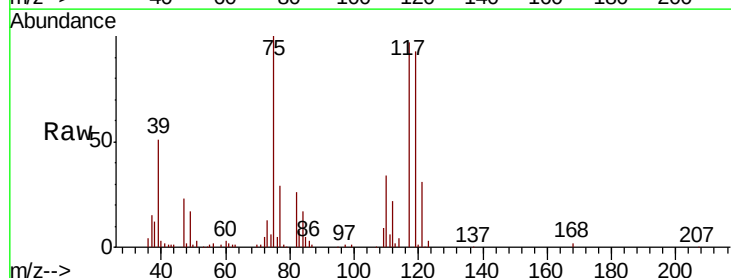
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBSD01

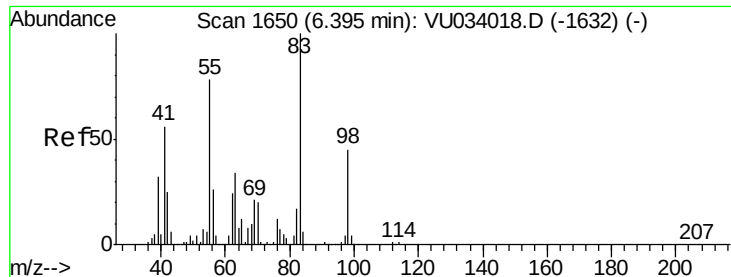
Tgt Ion: 43 Resp: 125286
 Ion Ratio Lower Upper
 43 100
 61 13.8 11.5 17.3
 70 10.9 8.6 12.8



#38
 Carbon Tetrachloride
 Concen: 19.141 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

Tgt Ion: 117 Resp: 100858
 Ion Ratio Lower Upper
 117 100
 119 95.7 77.0 115.4
 121 31.7 23.9 35.9

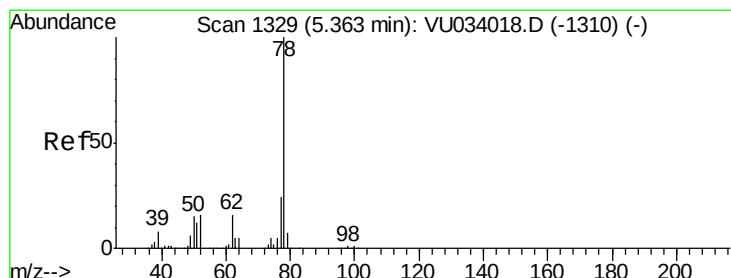
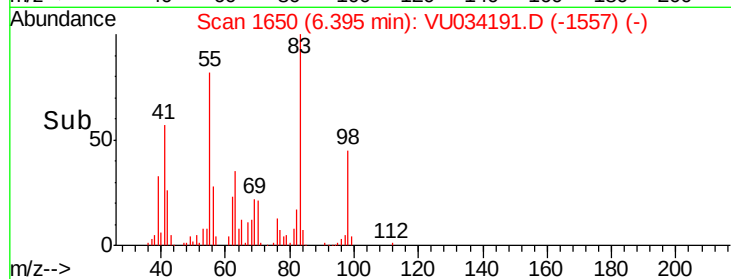
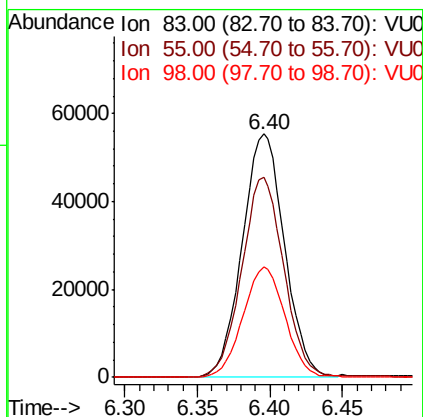
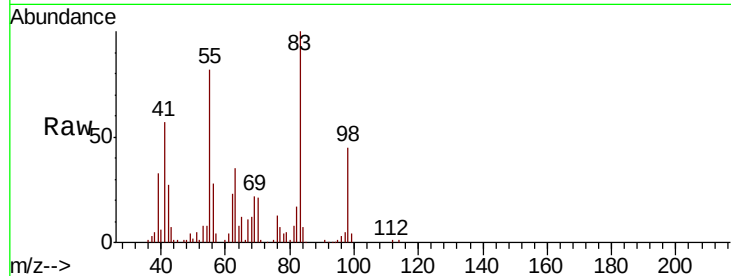




#39
Methylcyclohexane
Concen: 17.448 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

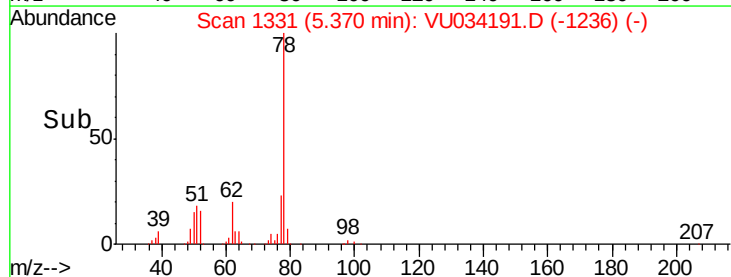
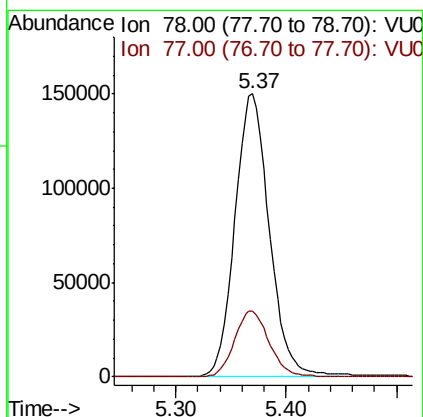
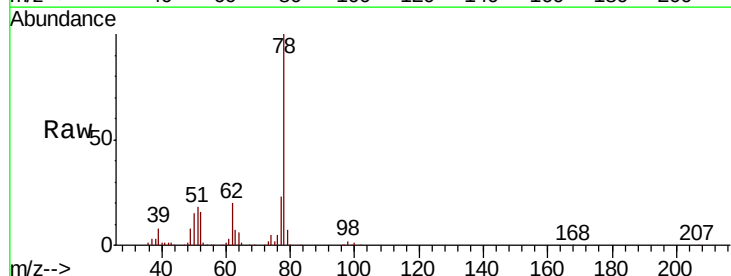
Instrument :
MSVOA_U
ClientSampleId :
VU0903WBSD01

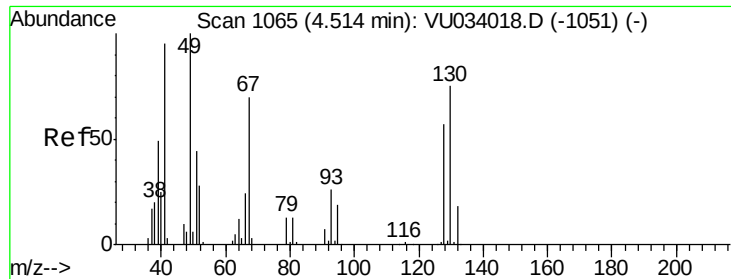
Tgt Ion: 83 Resp: 112261
Ion Ratio Lower Upper
83 100
55 82.2 62.3 93.5
98 45.3 36.2 54.2



#40
Benzene
Concen: 19.603 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

Tgt Ion: 78 Resp: 323762
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

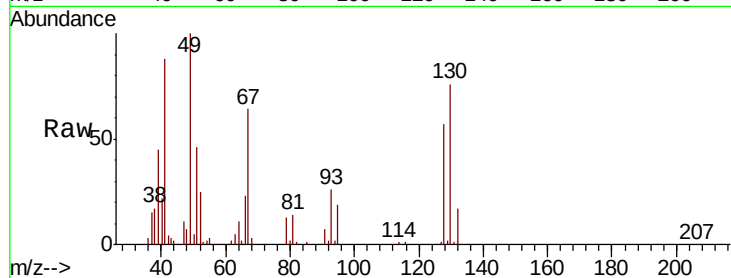




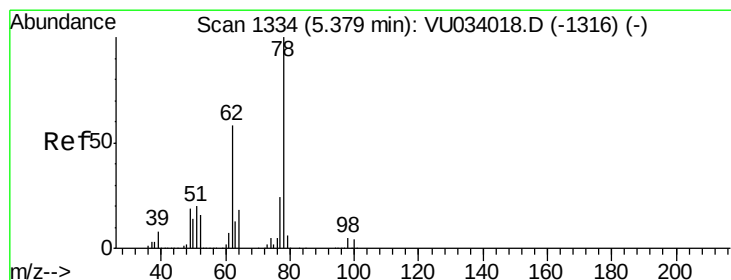
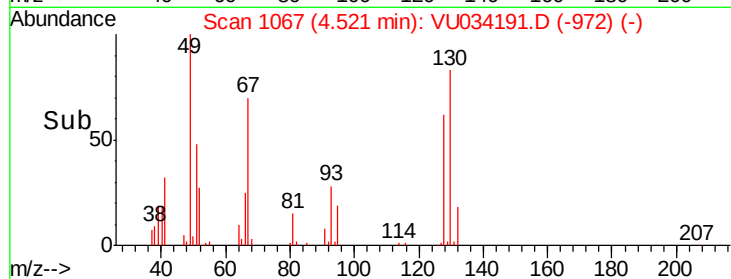
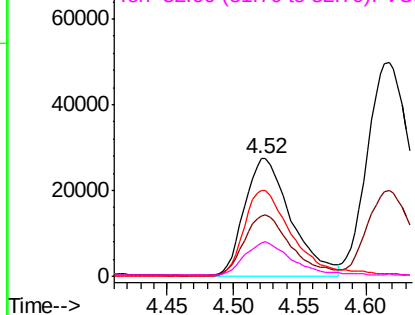
#41
Methacrylonitrile
Concen: 21.480 ug/l
RT: 4.52 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

Instrument :
MSVOA_U
ClientSampleId :
VU0903WBSD01

Tgt Ion:	41	Resp:	67340
Ion	Ratio	Lower	Upper
41	100		
39	51.3	42.1	63.1
67	75.9	61.0	91.4
52	27.8	23.3	34.9

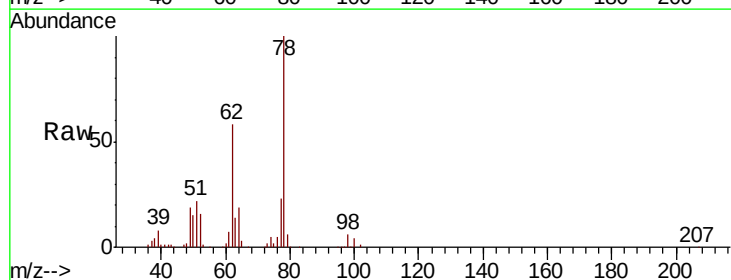


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

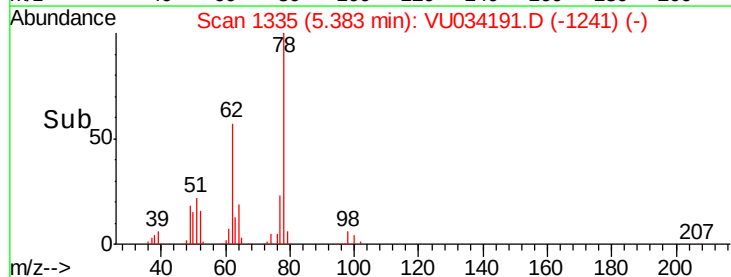
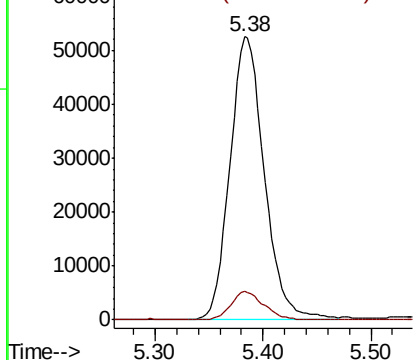


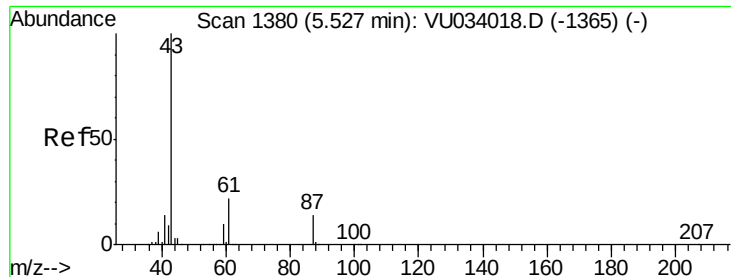
#42
1,2-Dichloroethane
Concen: 20.519 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

Tgt Ion:	62	Resp:	117025
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 20.598 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0903WBSD01

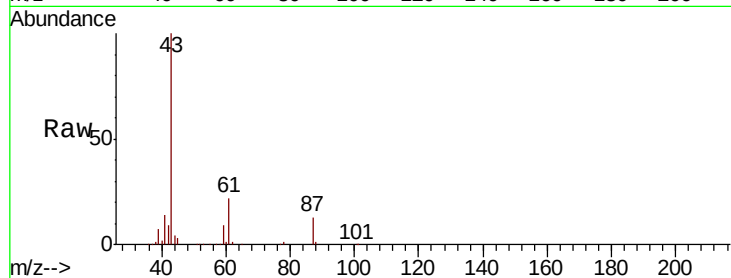
Tgt Ion: 43 Resp: 191561

Ion Ratio Lower Upper

43 100

61 21.8 17.2 25.8

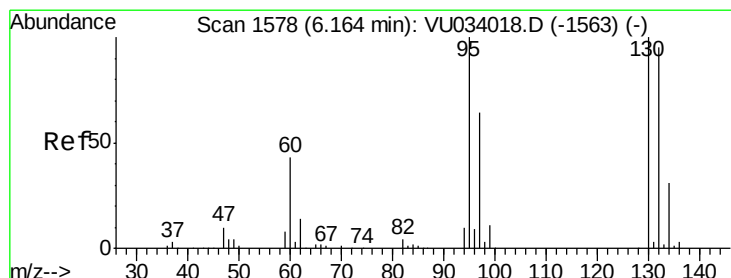
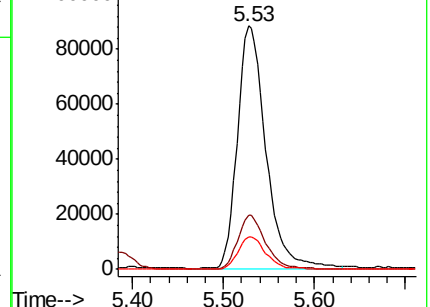
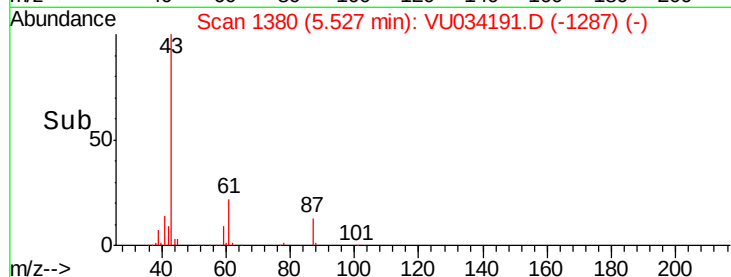
87 13.0 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034191.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034191.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034191.D (-1287) (-)



#44

Trichloroethene

Concen: 19.836 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034191.D

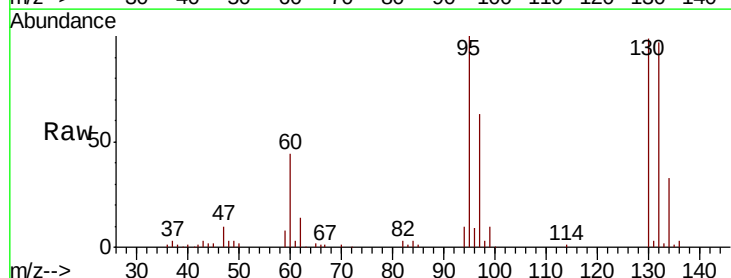
Acq: 02 Sep 2019 10:56

Tgt Ion: 130 Resp: 86030

Ion Ratio Lower Upper

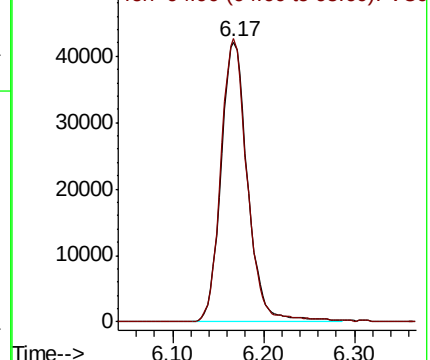
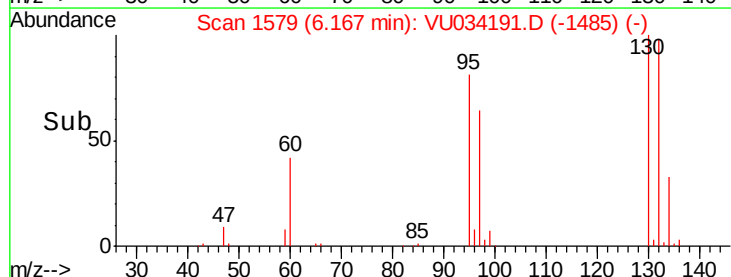
130 100

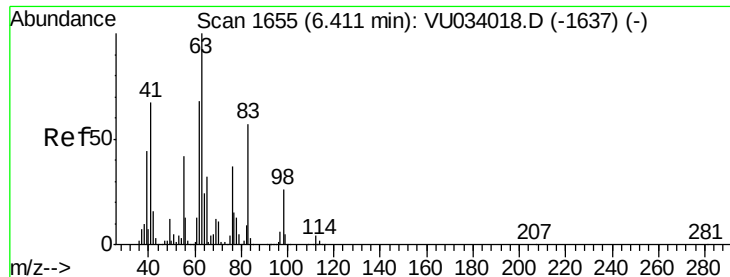
95 101.1 0.0 199.6



Abundance Ion 129.80 (129.50 to 130.50): VU034191.D (-1485) (-)

Ion 94.90 (94.60 to 95.60): VU034191.D (-1485) (-)





#45

1,2-Dichloropropane

Concen: 20.483 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

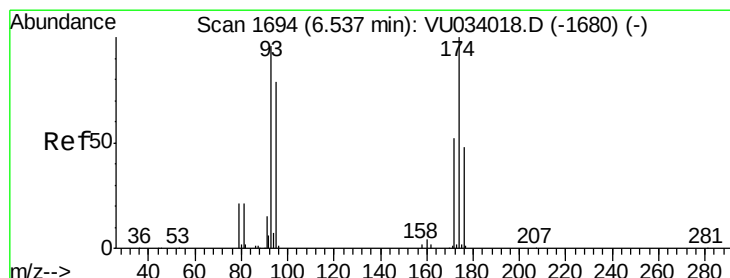
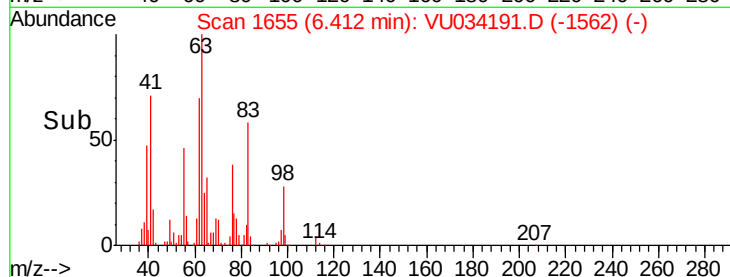
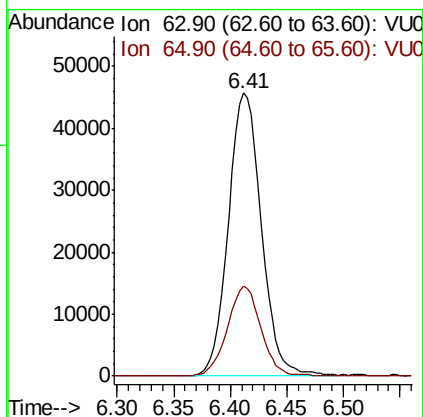
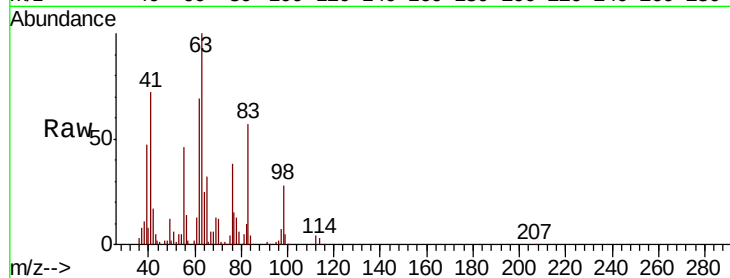
VU0903WBSD01

Tgt Ion: 63 Resp: 93124

Ion Ratio Lower Upper

63 100

65 31.6 25.4 38.2



#46

Dibromomethane

Concen: 20.951 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

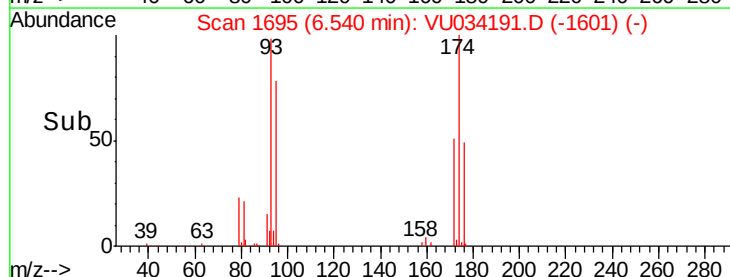
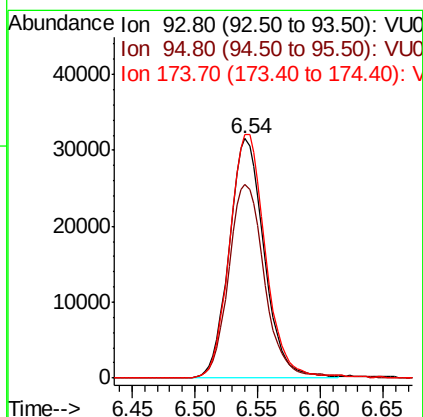
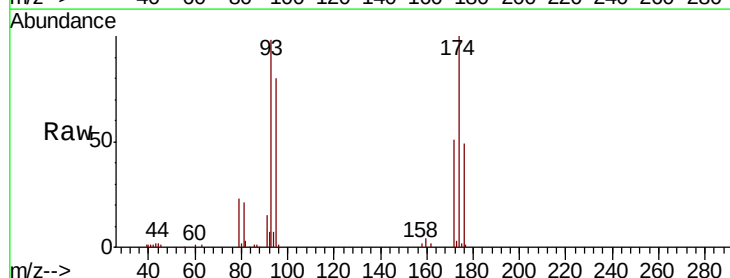
Tgt Ion: 93 Resp: 61367

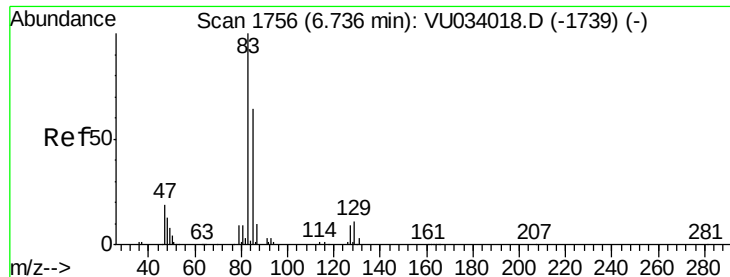
Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

174 103.3 84.9 127.3





#47

Bromodichloromethane

Concen: 20.262 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0903WBSD01

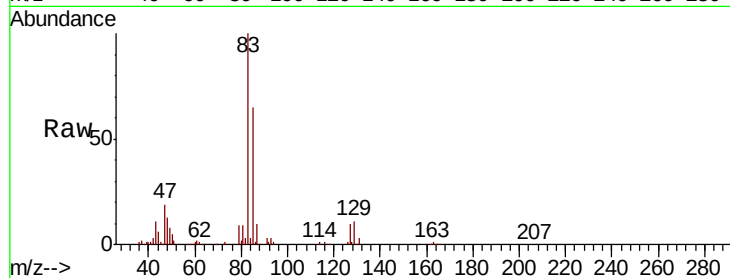
Tgt Ion: 83 Resp: 116117

Ion Ratio Lower Upper

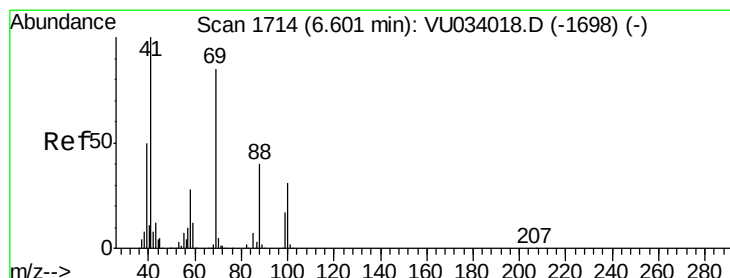
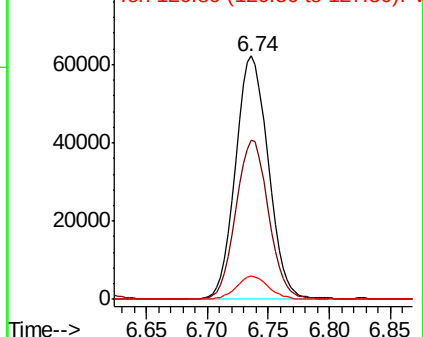
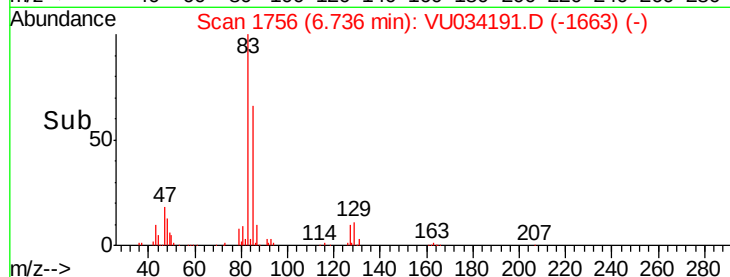
83 100

85 65.3 51.2 76.8

127 9.6 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU034191.D (-1663) (-)



#48

Methyl methacrylate

Concen: 19.691 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

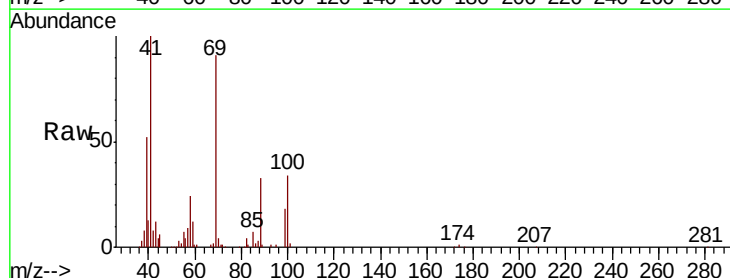
Tgt Ion: 41 Resp: 88365

Ion Ratio Lower Upper

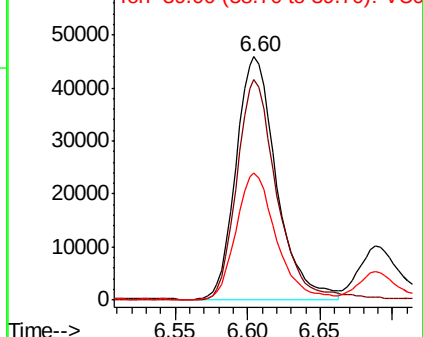
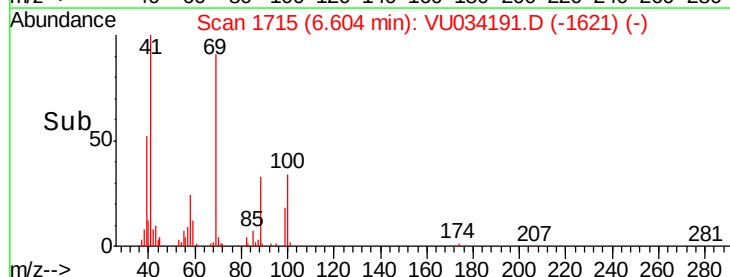
41 100

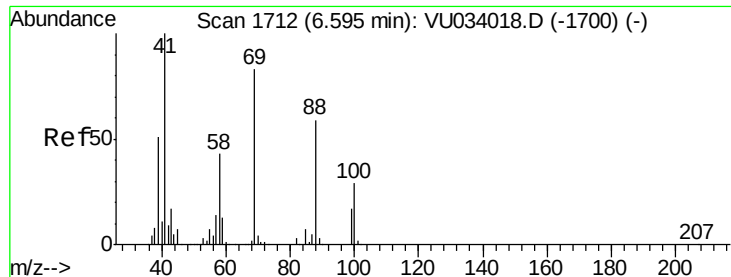
69 91.0 69.5 104.3

39 51.7 40.3 60.5



Abundance Ion 41.00 (40.70 to 41.70): VU034191.D (-1621) (-)

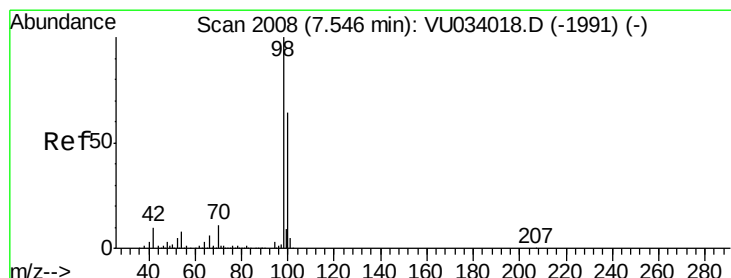
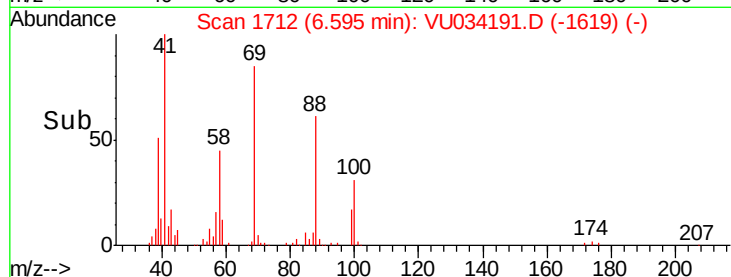
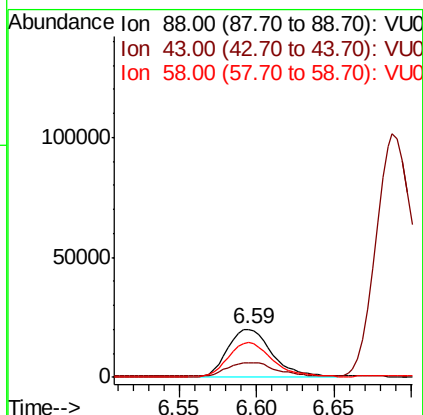
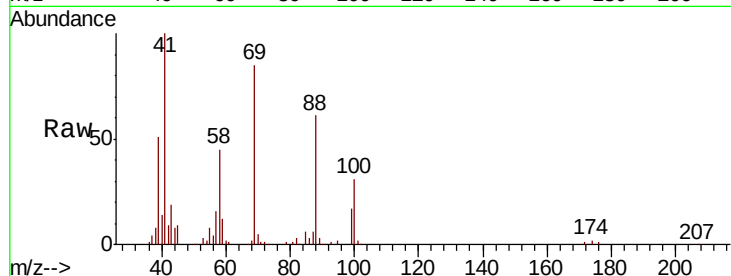




#49
 1,4-Dioxane
 Concen: 354.481 ug/l
 RT: 6.59 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

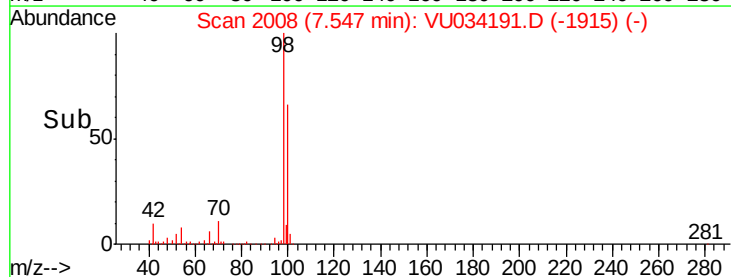
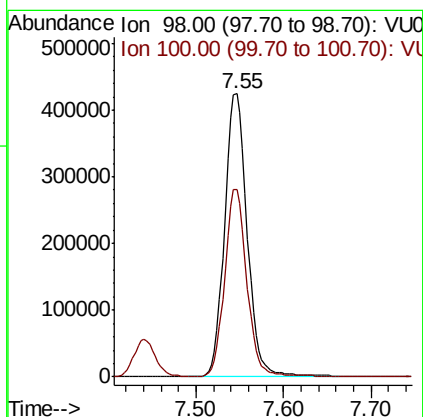
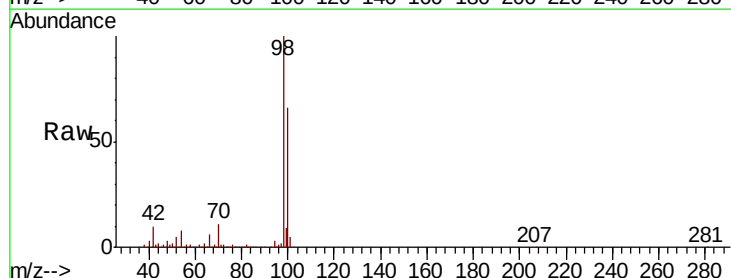
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBSD01

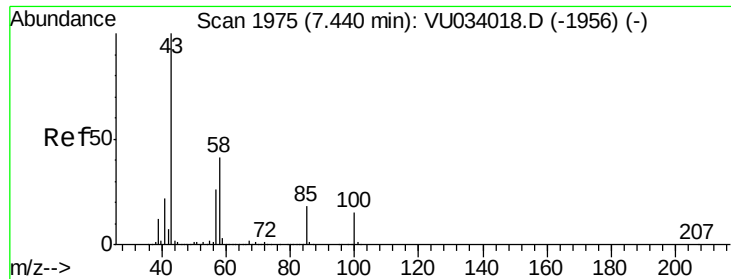
Tgt Ion: 88 Resp: 39858
 Ion Ratio Lower Upper
 88 100
 43 30.5 24.8 37.2
 58 74.4 59.3 88.9



#50
 Toluene-d8
 Concen: 50.966 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

Tgt Ion: 98 Resp: 763881
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 103.085 ug/l

RT: 7.44 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

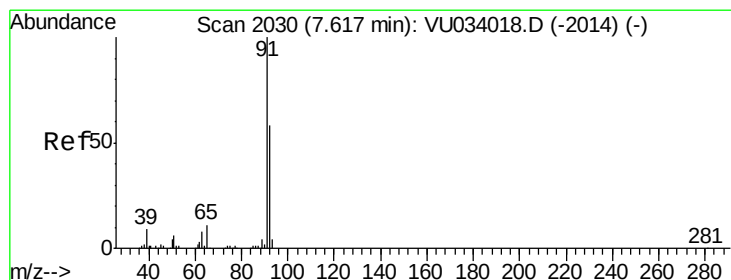
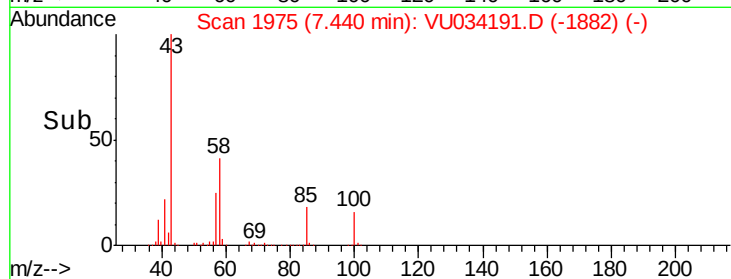
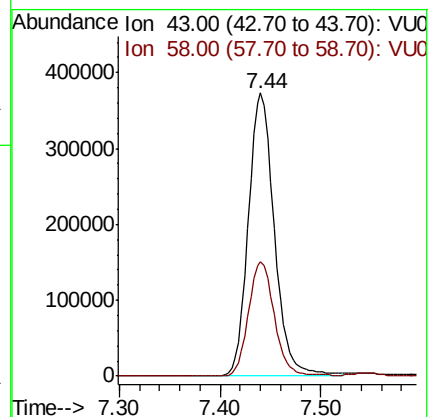
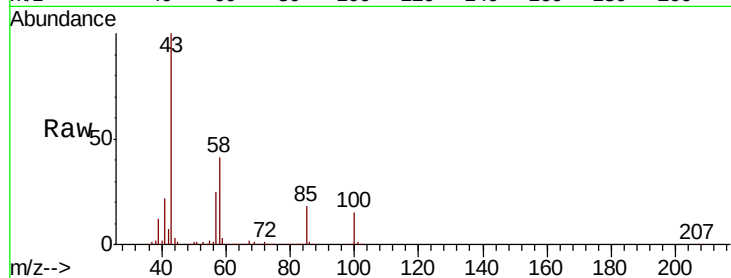
VU0903WBSD01

Tgt Ion: 43 Resp: 662066

Ion Ratio Lower Upper

43 100

58 40.5 32.2 48.4



#52

Toluene

Concen: 20.164 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034191.D

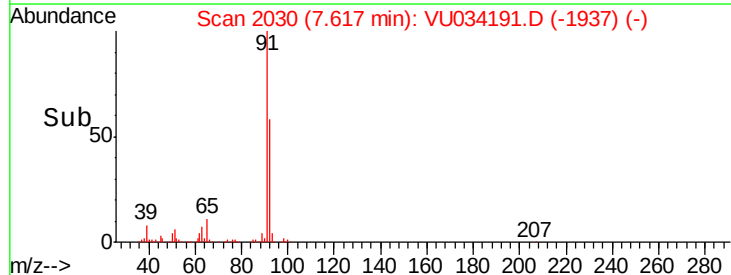
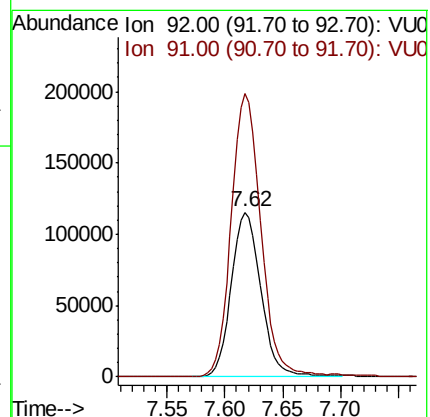
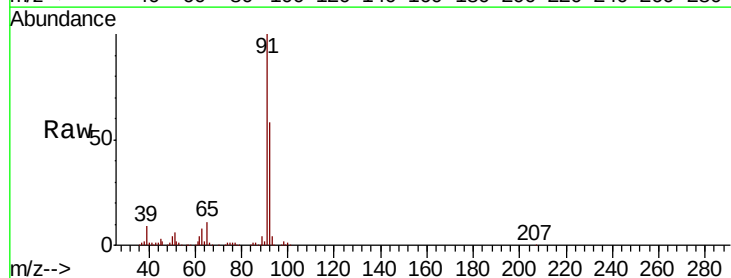
Acq: 02 Sep 2019 10:56

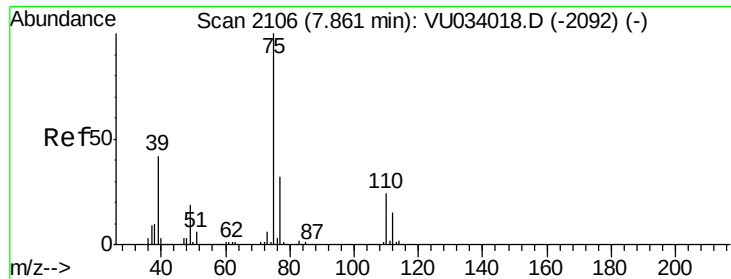
Tgt Ion: 92 Resp: 205149

Ion Ratio Lower Upper

92 100

91 171.4 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 19.783 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

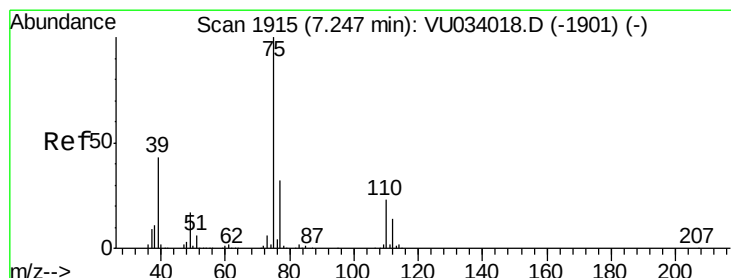
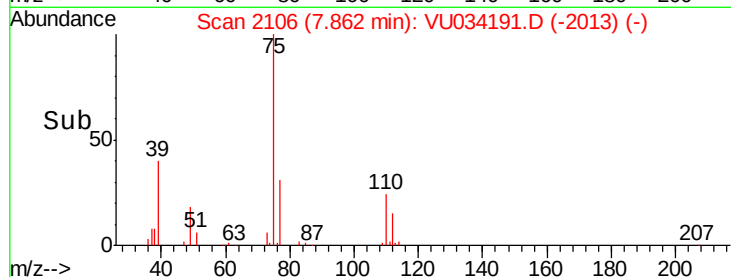
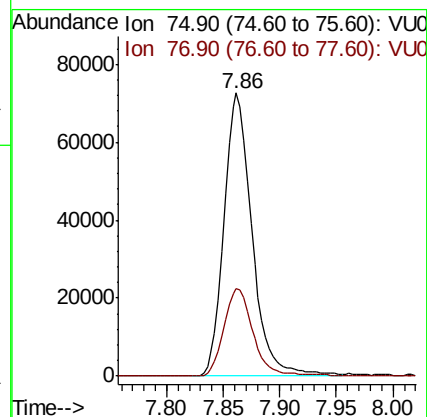
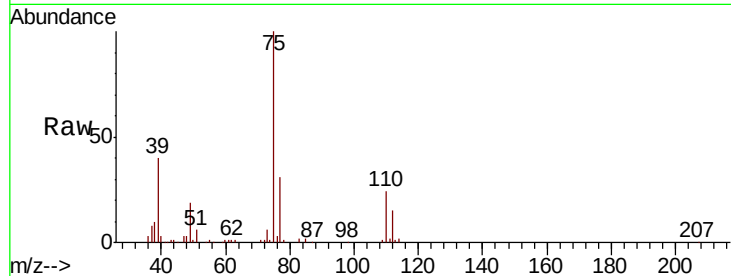
VU0903WBSD01

Tgt Ion: 75 Resp: 125792

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 20.170 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

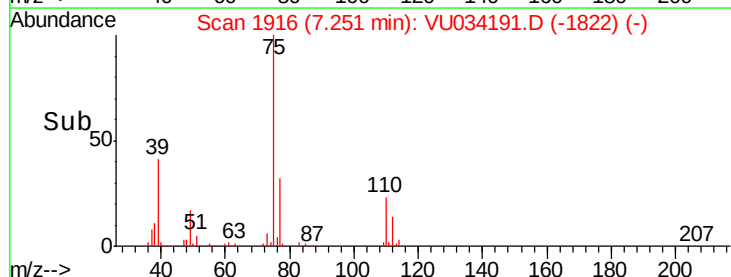
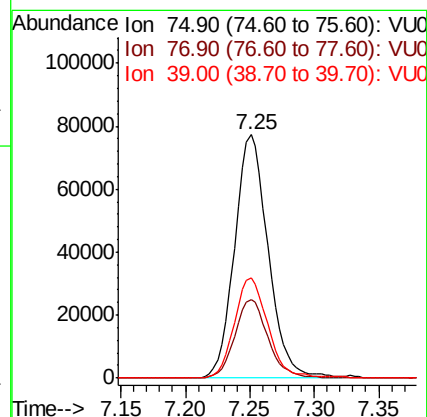
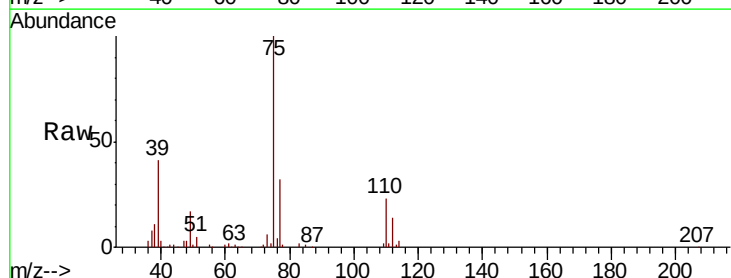
Tgt Ion: 75 Resp: 140117

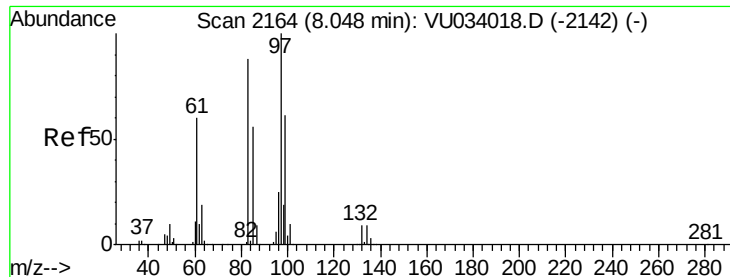
Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

39 40.9 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 20.471 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0903WBSD01

Tgt Ion: 97 Resp: 88097

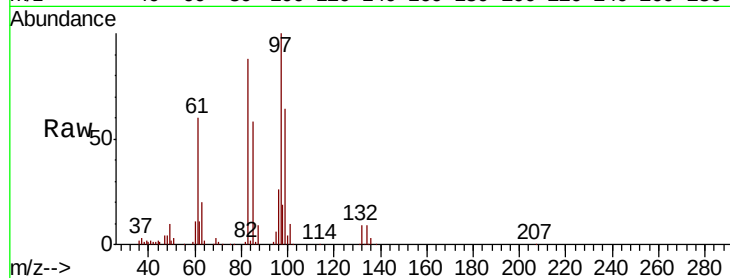
Ion Ratio Lower Upper

97 100

83 88.0 70.1 105.1

85 58.2 45.0 67.4

99 63.9 49.8 74.8

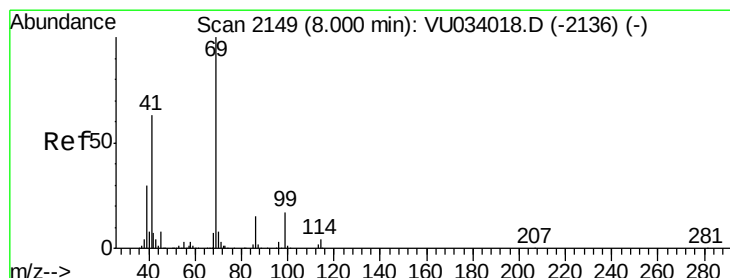
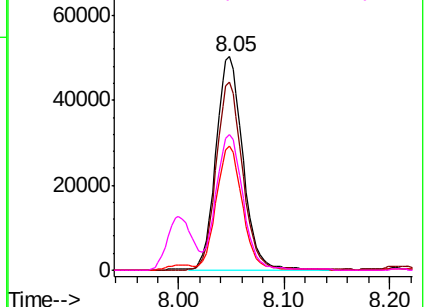
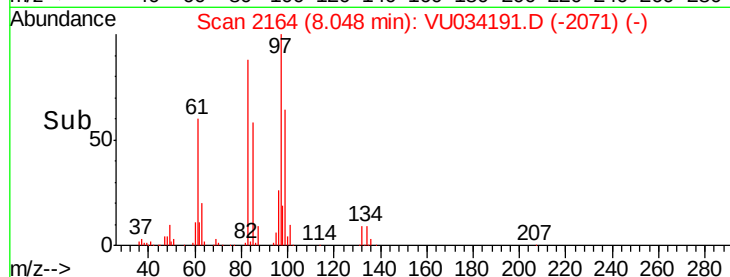


Abundance Ion 96.90 (96.60 to 97.60): VU034191.D (-2071) (-)

Ion 82.90 (82.60 to 83.60): VU034191.D (-2071) (-)

Ion 84.90 (84.60 to 85.60): VU034191.D (-2071) (-)

Ion 98.90 (98.60 to 99.60): VU034191.D (-2071) (-)



#56

Ethyl methacrylate

Concen: 18.064 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

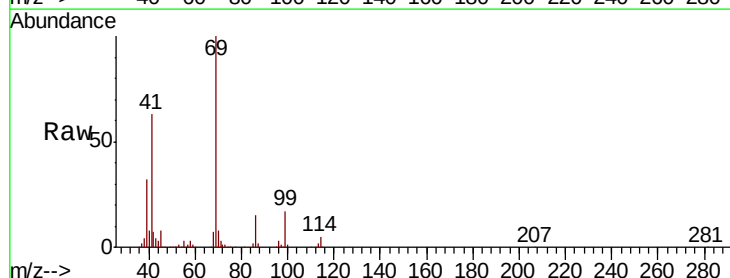
Tgt Ion: 69 Resp: 124433

Ion Ratio Lower Upper

69 100

41 64.4 50.7 76.1

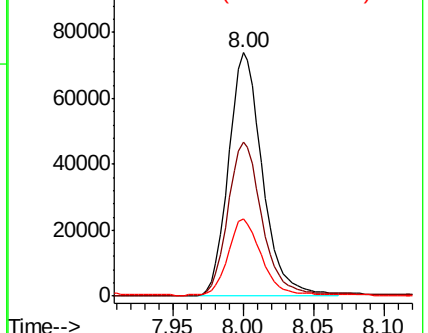
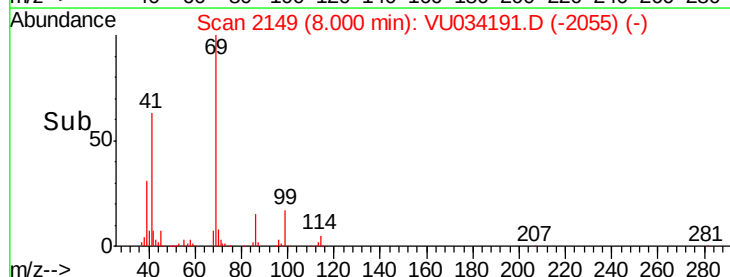
39 31.5 24.2 36.2

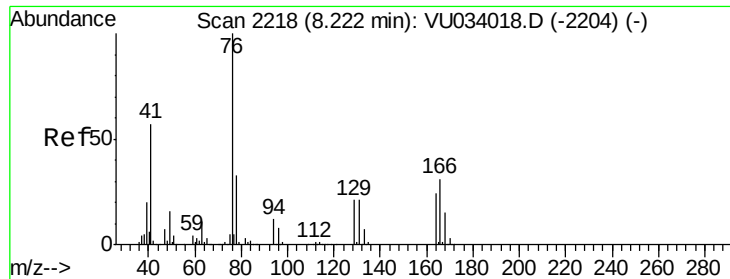


Abundance Ion 69.00 (68.70 to 69.70): VU034191.D (-2055) (-)

Ion 41.00 (40.70 to 41.70): VU034191.D (-2055) (-)

Ion 39.00 (38.70 to 39.70): VU034191.D (-2055) (-)

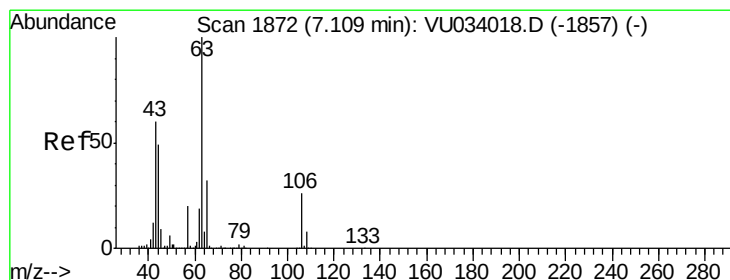
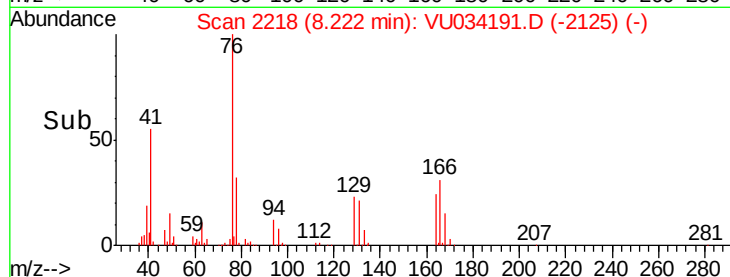
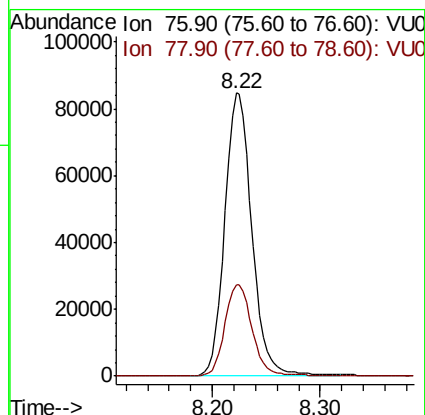
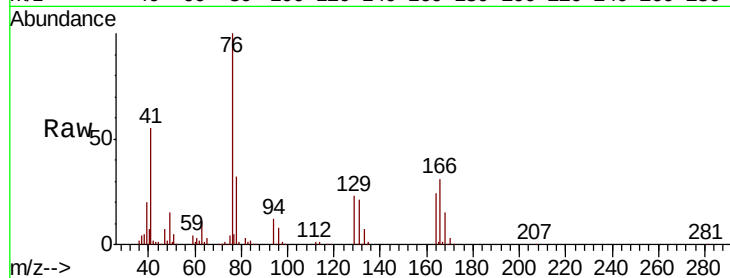




#57
 1,3-Dichloropropane
 Concen: 20.316 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

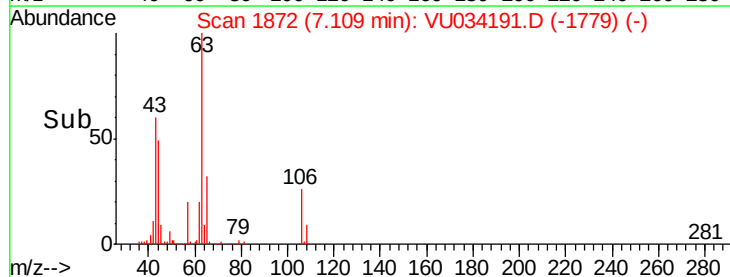
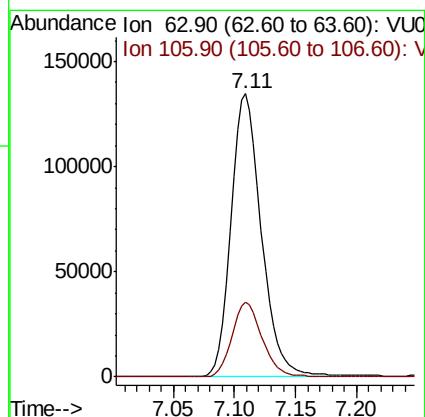
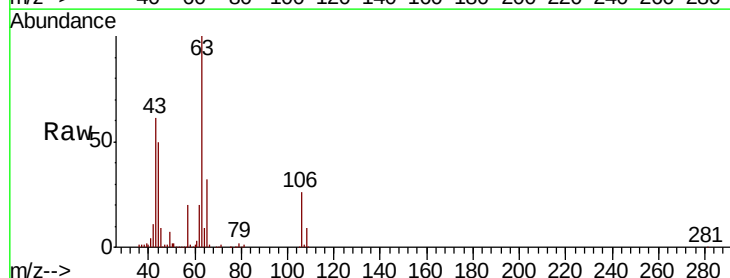
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBSD01

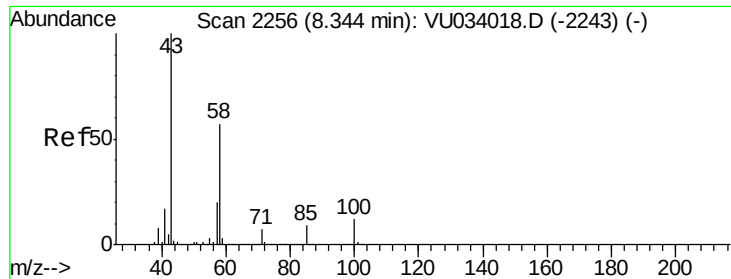
Tgt Ion: 76 Resp: 148452
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.275 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

Tgt Ion: 63 Resp: 233977
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.7 31.1

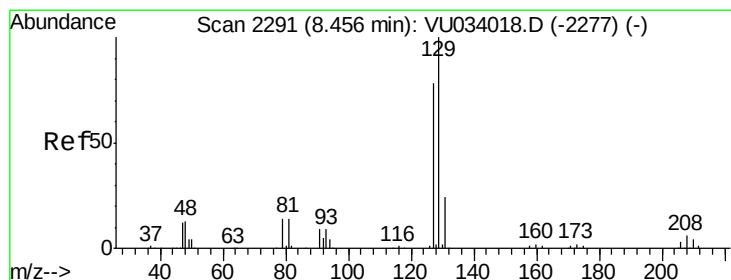
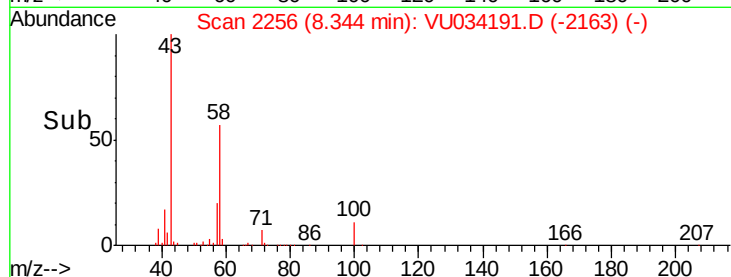
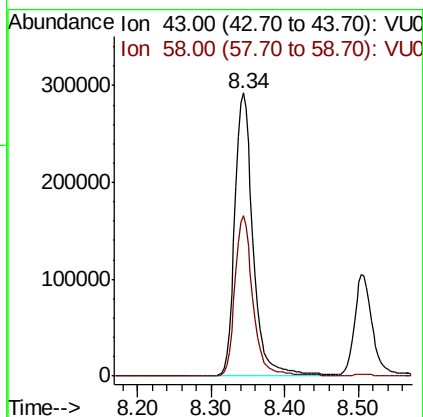
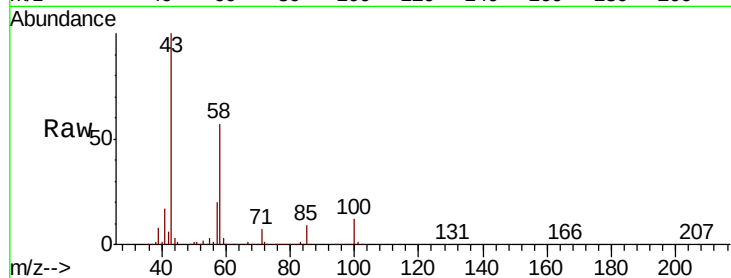




#59
2-Hexanone
Concen: 104.232 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

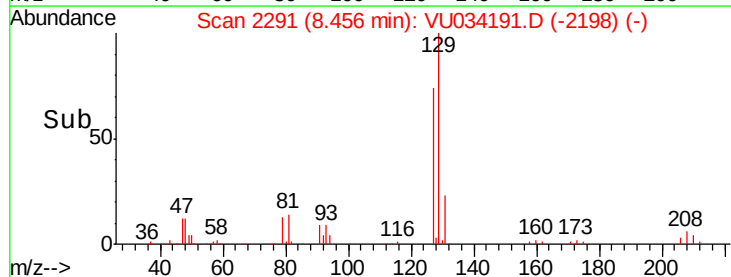
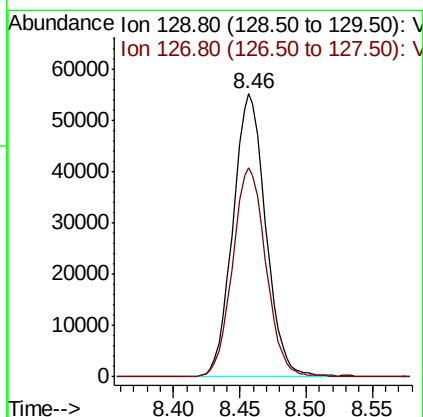
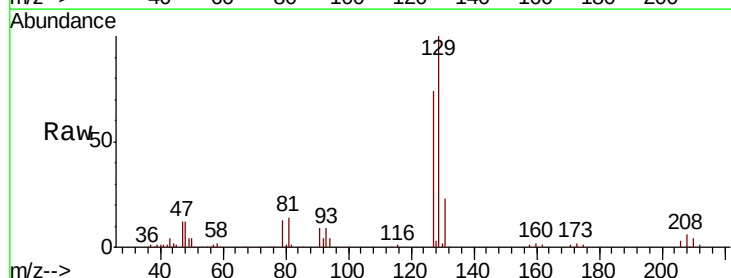
Instrument :
MSVOA_U
ClientSampleId :
VU0903WBSD01

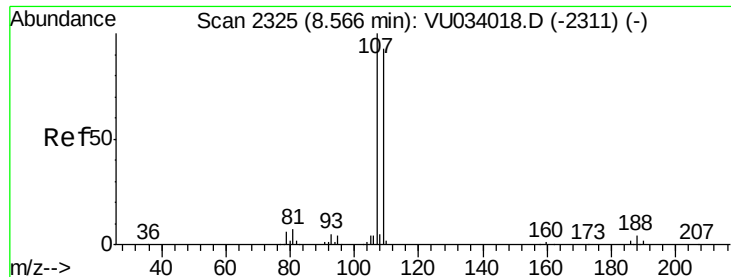
Tgt Ion: 43 Resp: 505361
Ion Ratio Lower Upper
43 100
58 55.7 28.4 85.3



#60
Dibromochloromethane
Concen: 20.567 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

Tgt Ion: 129 Resp: 95009
Ion Ratio Lower Upper
129 100
127 75.2 39.0 116.9





#61

1,2-Dibromoethane

Concen: 19.967 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

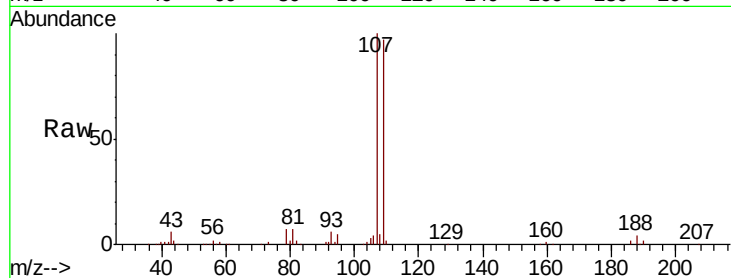
VU0903WBSD01

Tgt Ion: 107 Resp: 90517

Ion Ratio Lower Upper

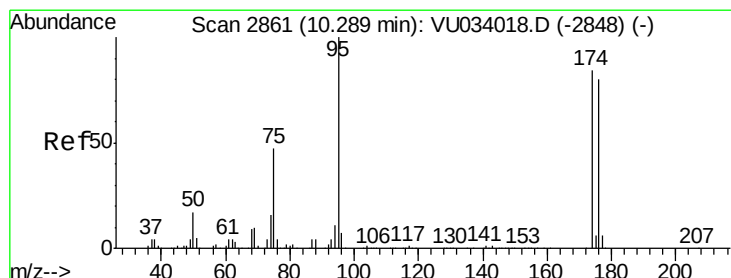
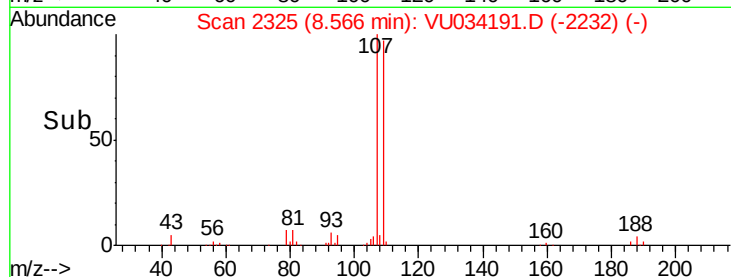
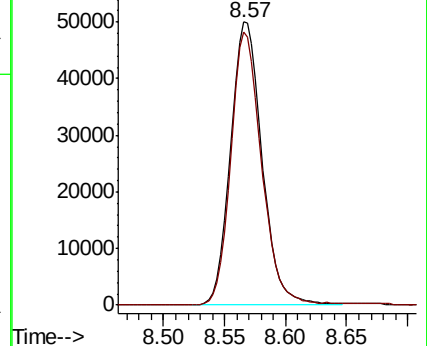
107 100

109 94.5 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.777 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

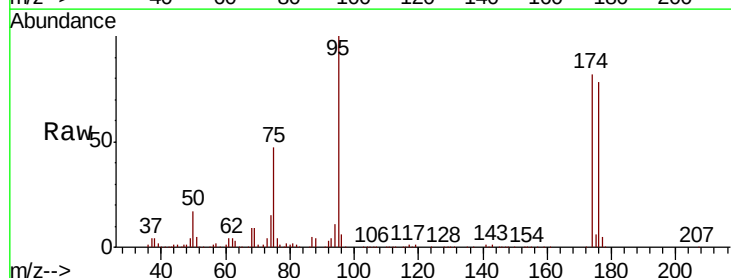
Tgt Ion: 95 Resp: 290212

Ion Ratio Lower Upper

95 100

174 84.1 0.0 168.8

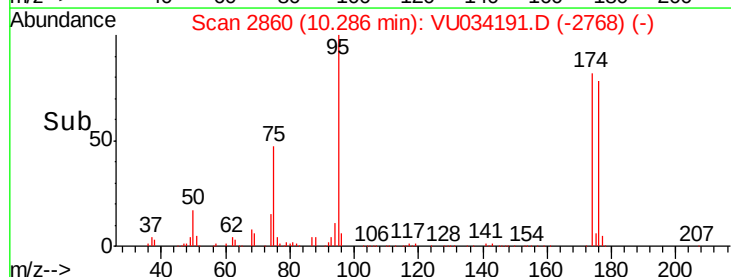
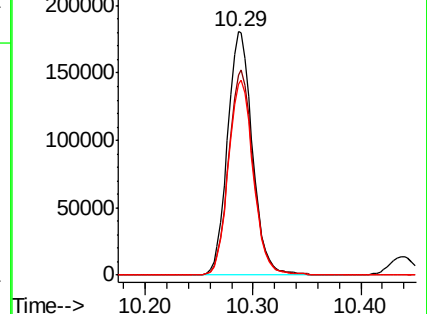
176 80.3 0.0 161.8

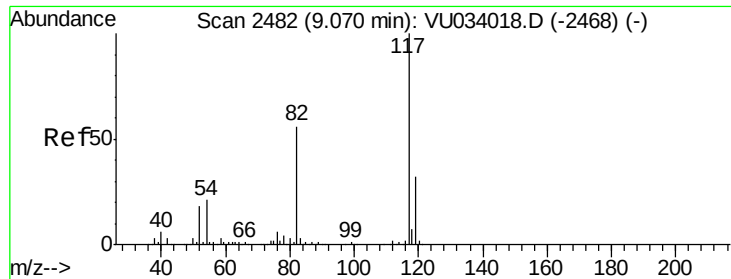


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

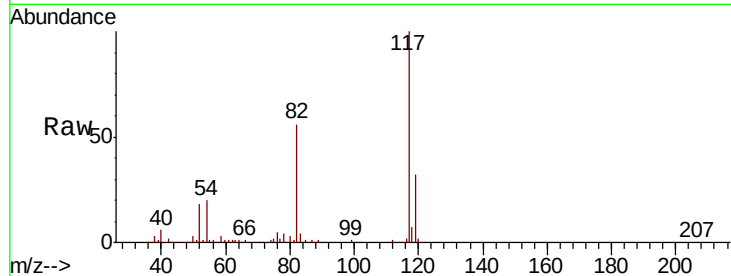




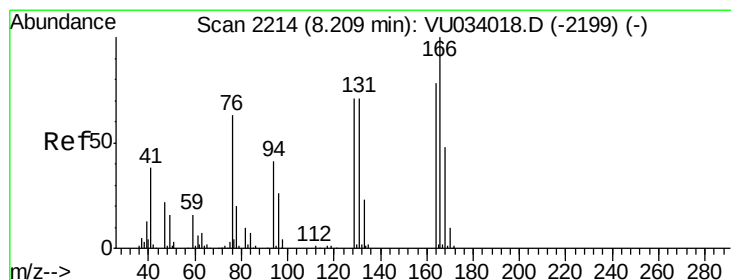
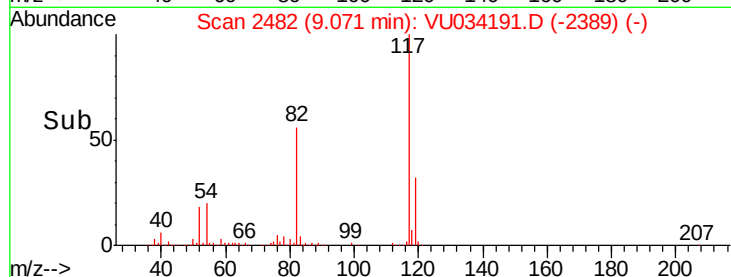
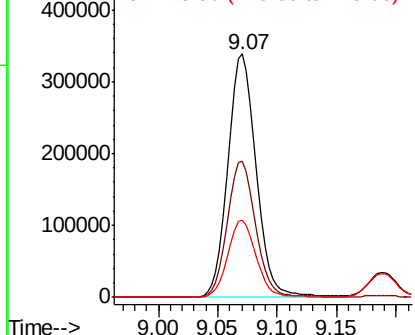
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

Instrument :
MSVOA_U
ClientSampleId :
VU0903WBSD01

Tgt Ion:117 Resp: 558520
Ion Ratio Lower Upper
117 100
82 56.0 45.1 67.7
119 31.6 25.4 38.0

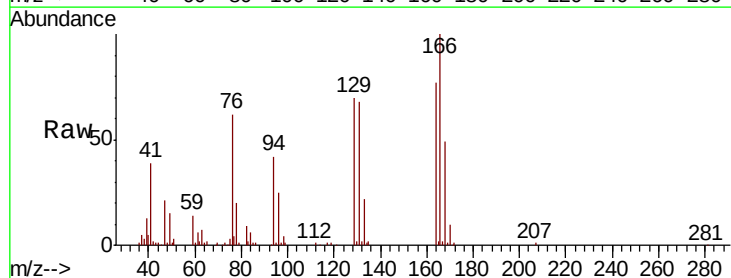


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

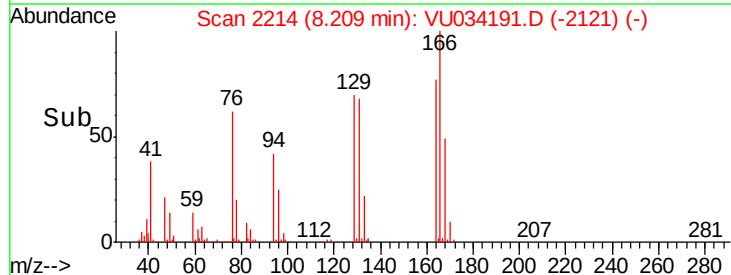
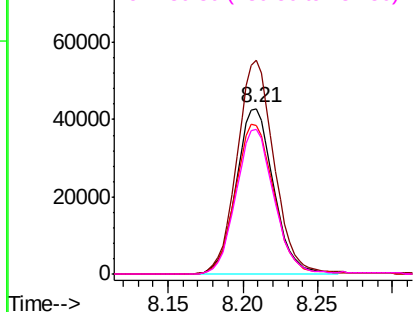


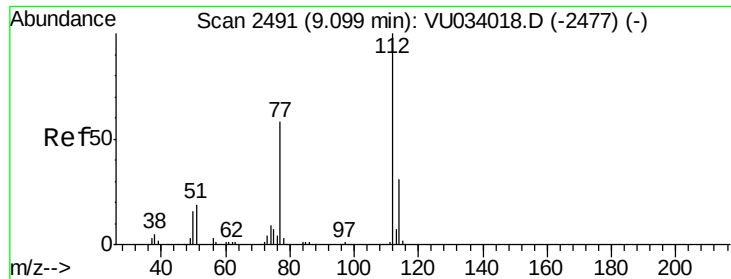
#64
Tetrachloroethene
Concen: 19.907 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

Tgt Ion:164 Resp: 74667
Ion Ratio Lower Upper
164 100
166 129.4 102.2 153.2
129 90.0 72.4 108.6
131 87.9 72.1 108.1



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

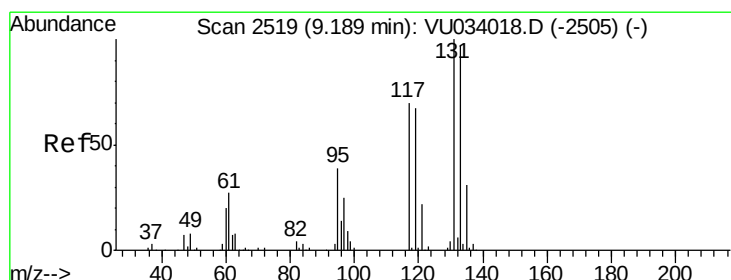
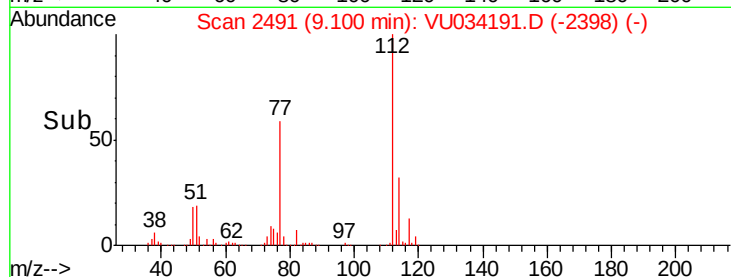
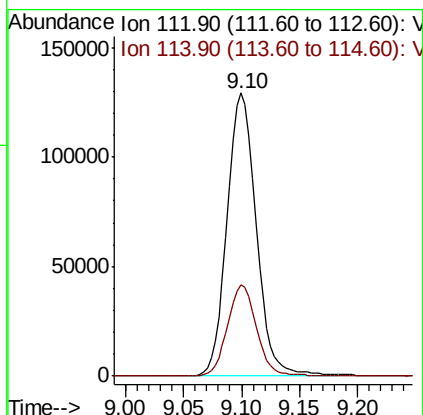
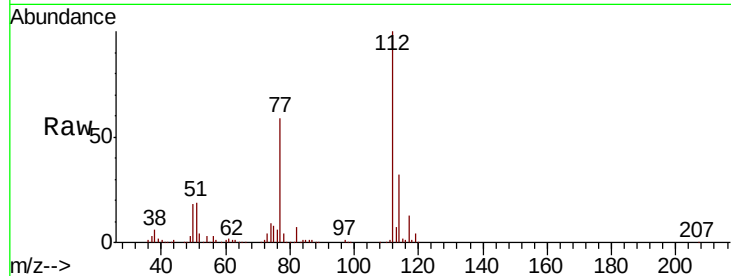




#65
Chlorobenzene
Concen: 19.603 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

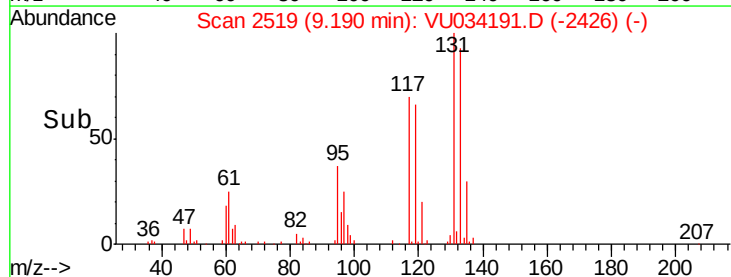
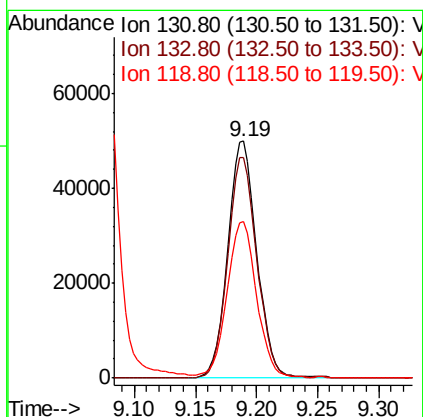
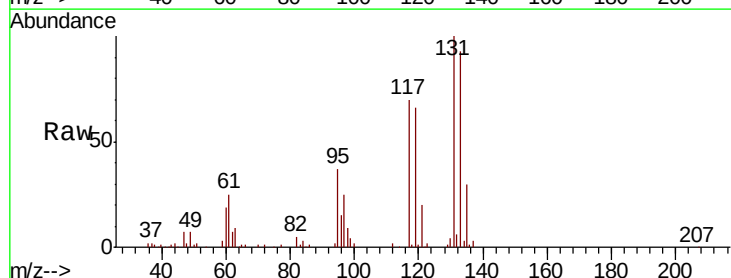
Instrument :
MSVOA_U
ClientSampleId :
VU0903WBSD01

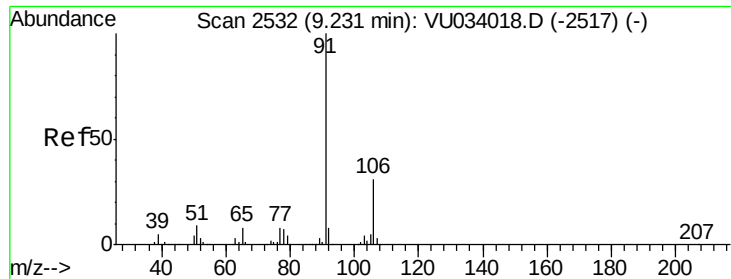
Tgt Ion:112 Resp: 225312
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.933 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

Tgt Ion:131 Resp: 83076
Ion Ratio Lower Upper
131 100
133 93.6 48.4 145.2
119 66.8 33.6 100.6

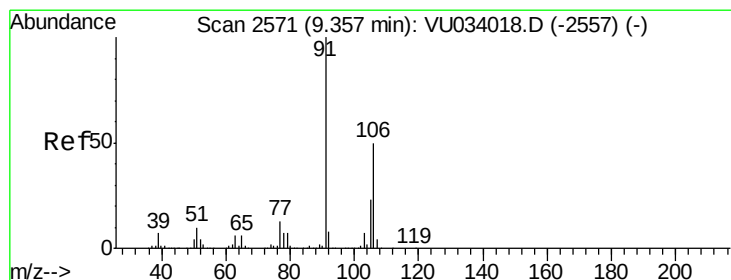
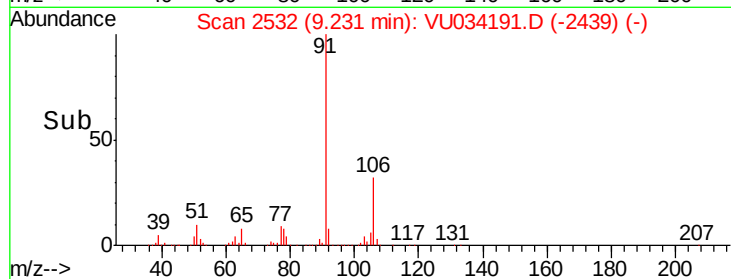
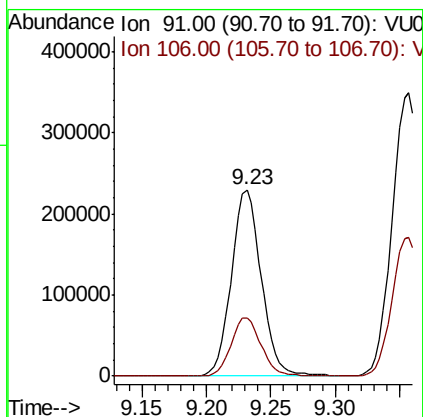
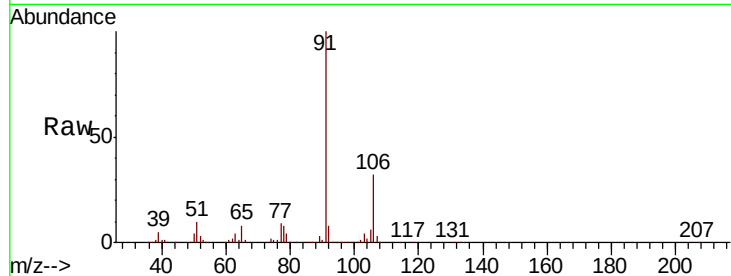




#67
 Ethyl Benzene
 Concen: 19.056 ug/l
 RT: 9.23 min Scan# 2532
 Delta R.T. 0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

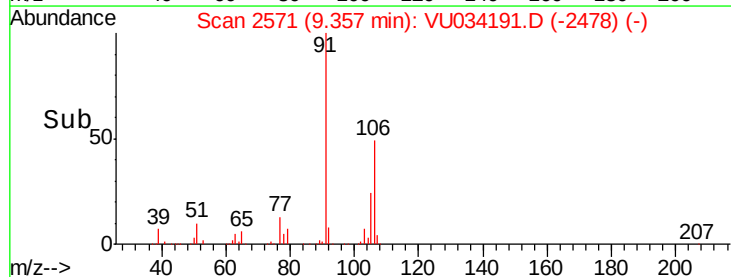
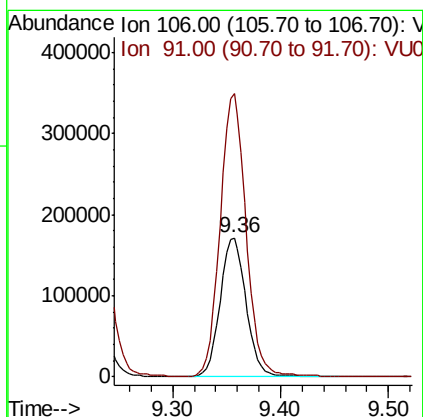
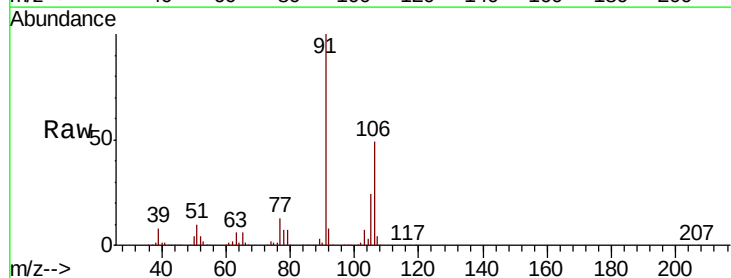
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBSD01

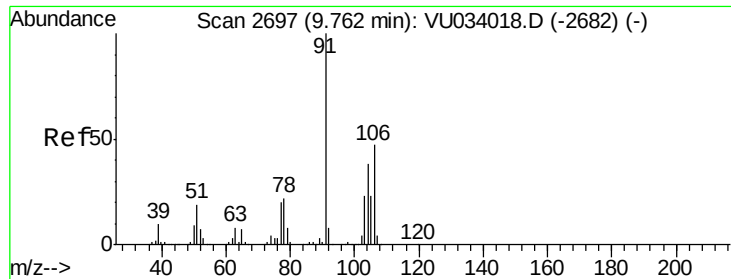
Tgt Ion: 91 Resp: 371273
 Ion Ratio Lower Upper
 91 100
 106 31.5 24.9 37.3



#68
 m/p-Xylenes
 Concen: 38.566 ug/l
 RT: 9.36 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

Tgt Ion: 106 Resp: 285709
 Ion Ratio Lower Upper
 106 100
 91 203.8 161.6 242.4

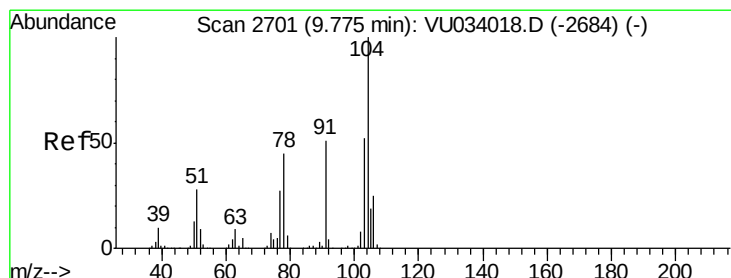
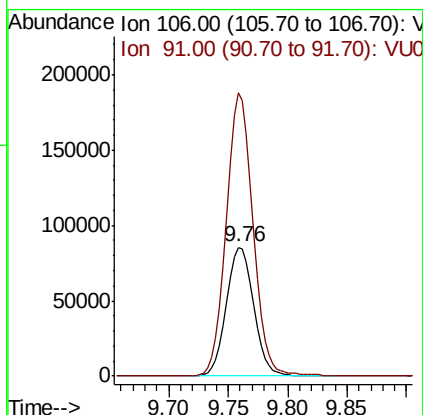
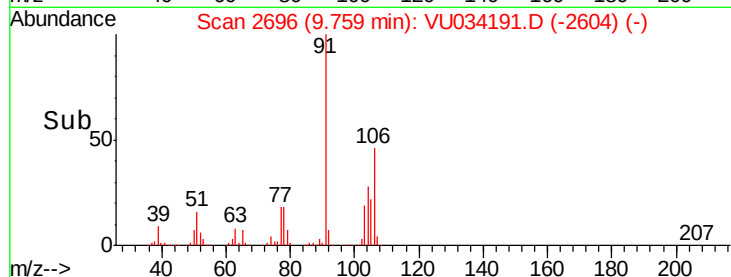
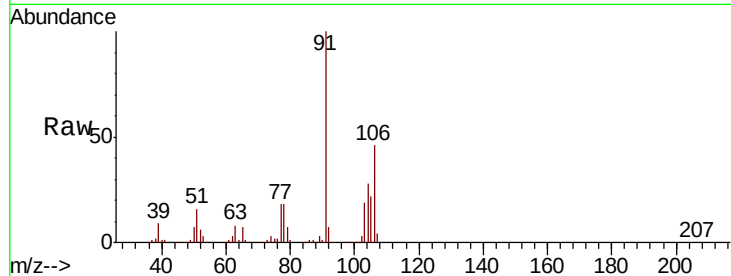




#69
o-Xylene
Concen: 19.283 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

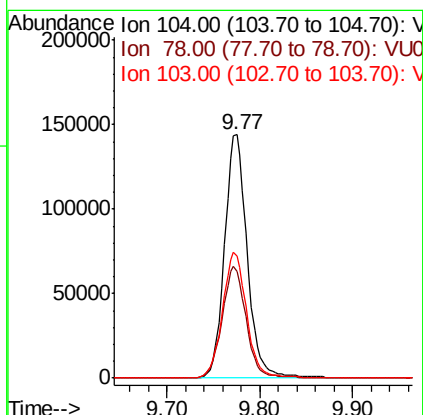
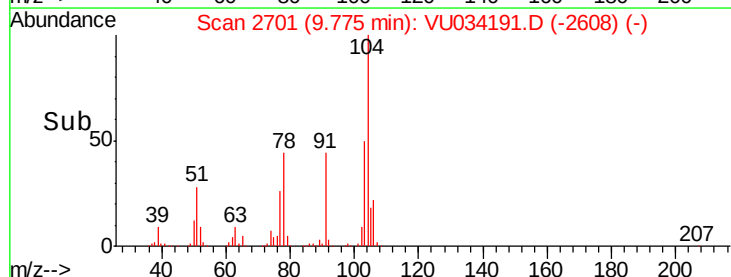
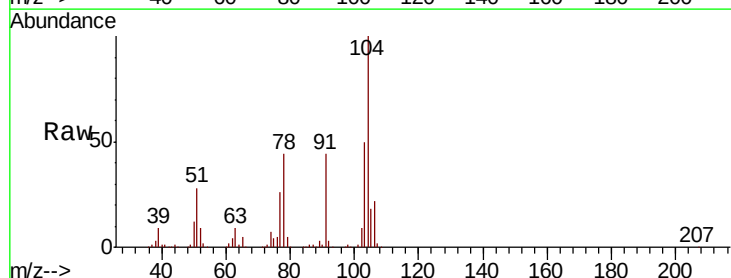
Instrument :
MSVOA_U
ClientSampleId :
VU0903WBSD01

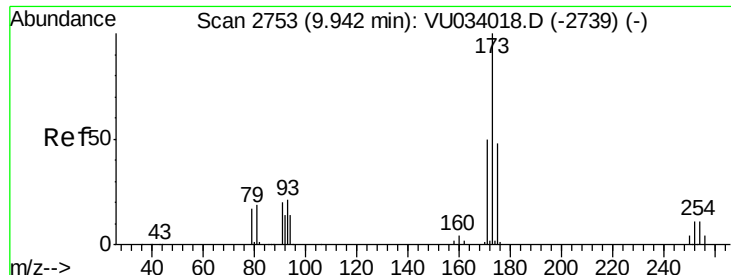
Tgt Ion:106 Resp: 137057
Ion Ratio Lower Upper
106 100
91 214.8 106.0 318.0



#70
Styrene
Concen: 20.087 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

Tgt Ion:104 Resp: 244795
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.4
103 55.1 44.0 66.0





#71

Bromoform

Concen: 19.524 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0903WBSD01

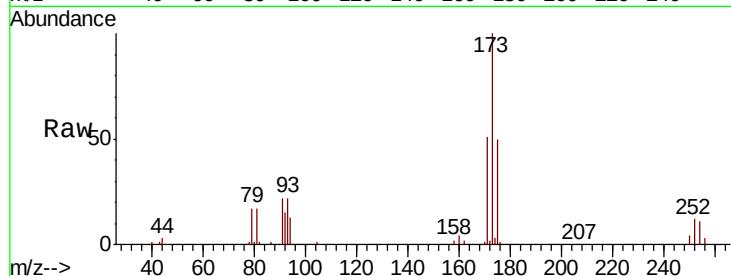
Tgt Ion:173 Resp: 70698

Ion Ratio Lower Upper

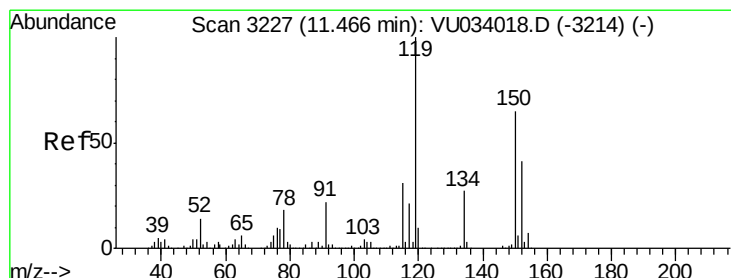
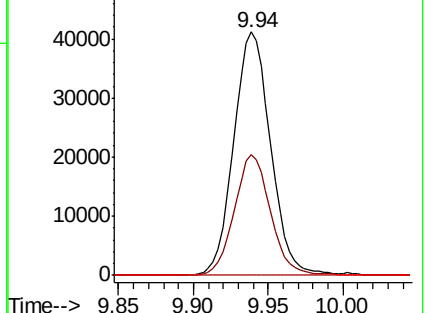
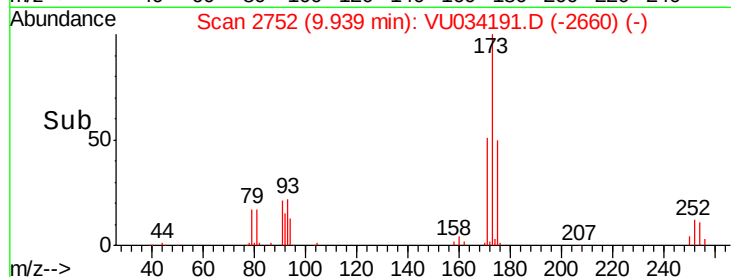
173 100

175 48.6 24.6 73.6

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: VU034191.D

Acq: 02 Sep 2019 10:56

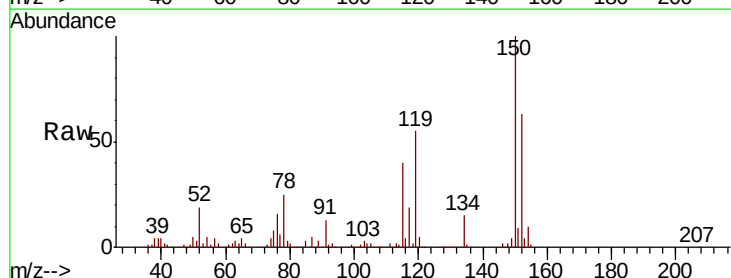
Tgt Ion:152 Resp: 302682

Ion Ratio Lower Upper

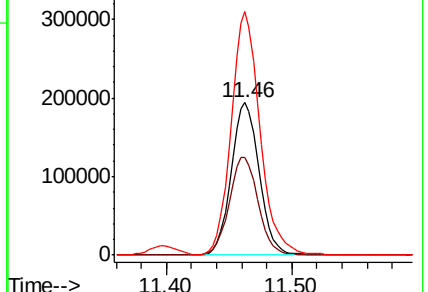
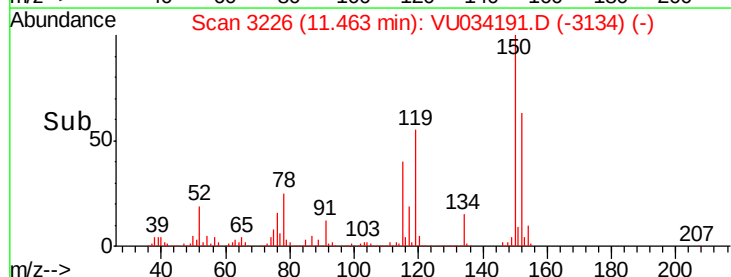
152 100

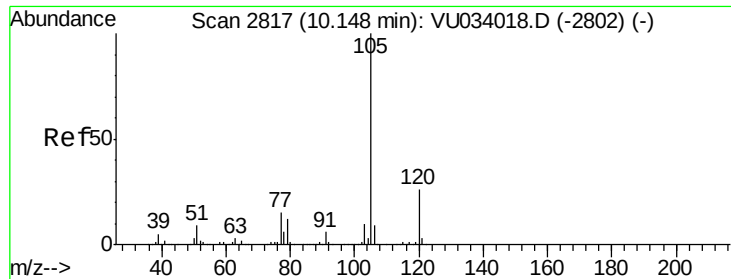
115 66.3 41.1 123.3

150 163.0 0.0 348.8



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: 18.195 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

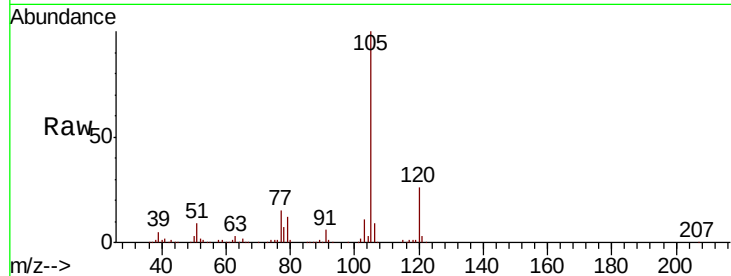
VU0903WBSD01

Tgt Ion: 105 Resp: 369924

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

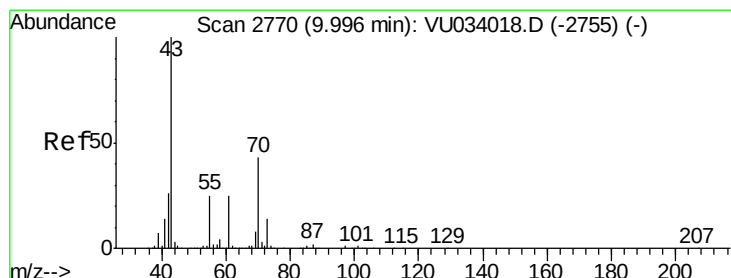
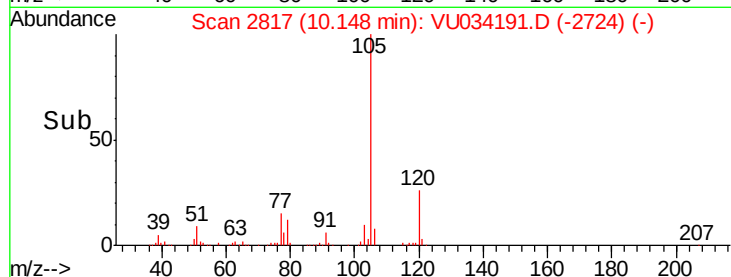
50000

0

10.10

10.20

Time-->



#74

N-ethyl acetate

Concen: 18.962 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Tgt Ion: 43 Resp: 162146

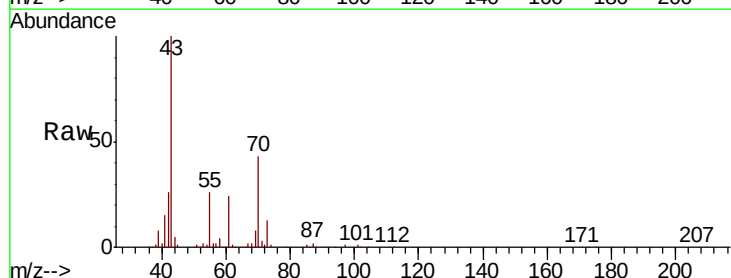
Ion Ratio Lower Upper

43 100

70 43.6 35.2 52.8

55 26.1 20.5 30.7

61 24.8 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

150000

100000

50000

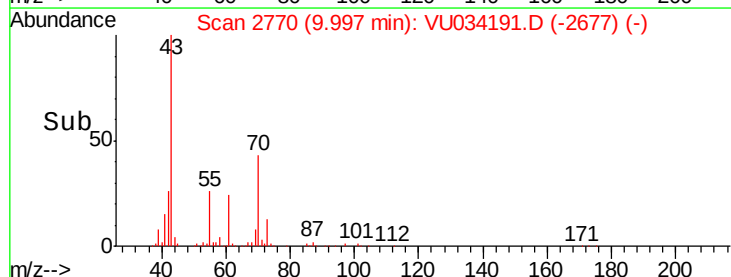
0

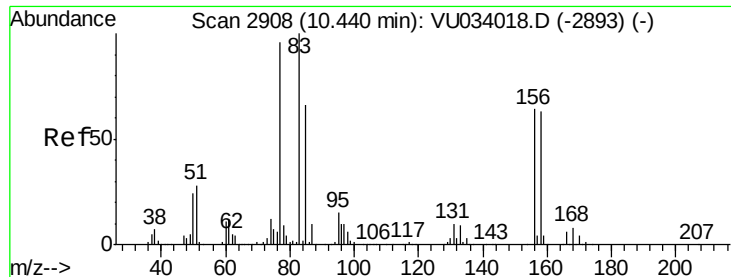
9.90

10.00

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.495 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0903WBSD01

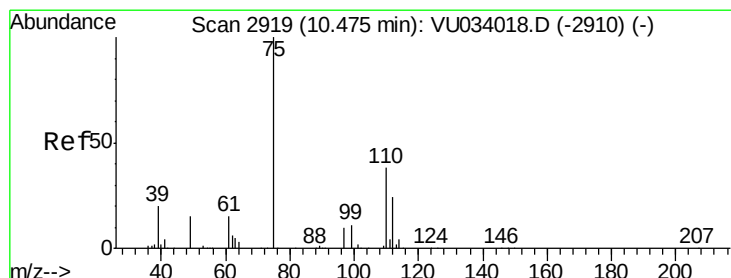
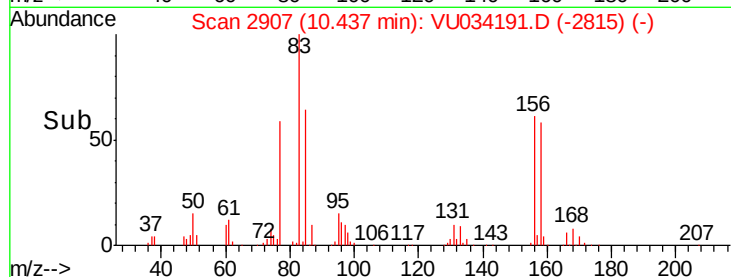
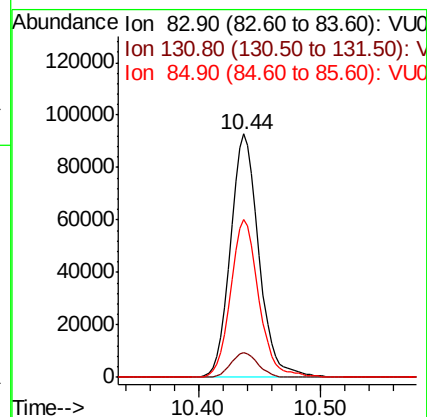
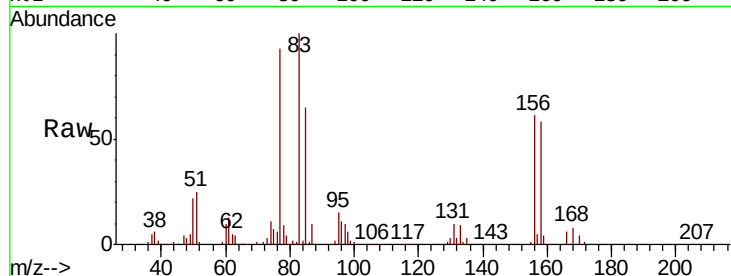
Tgt Ion: 83 Resp: 151703

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 64.4 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 24.409 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034191.D

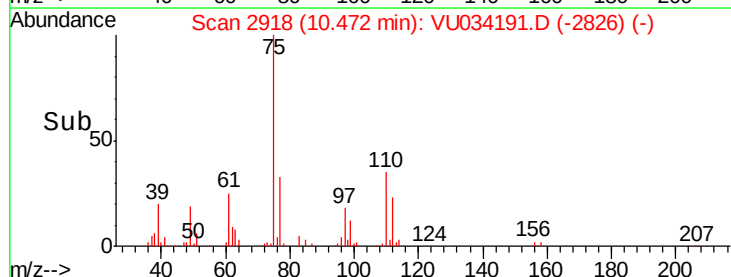
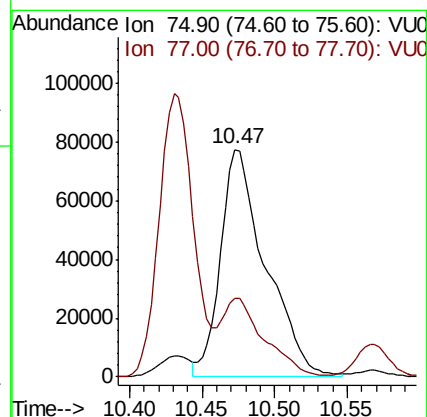
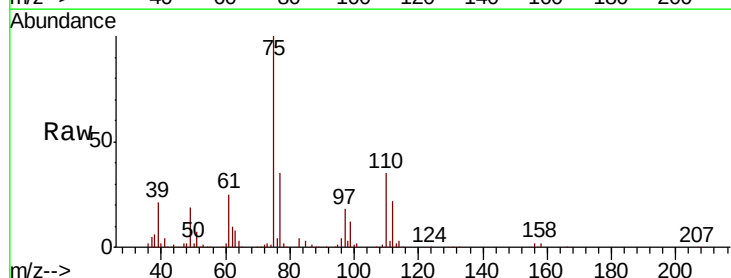
Acq: 02 Sep 2019 10:56

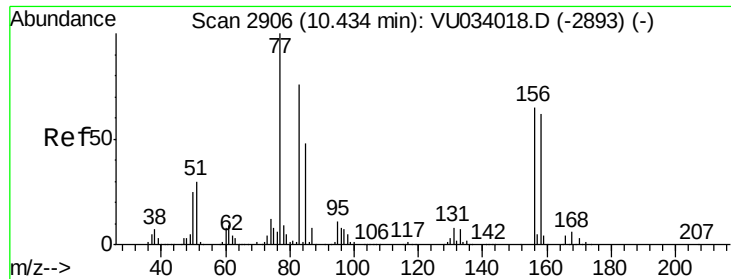
Tgt Ion: 75 Resp: 166517

Ion Ratio Lower Upper

75 100

77 31.9 20.1 60.2





#77

Bromobenzene

Concen: 18.743 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0903WBSD01

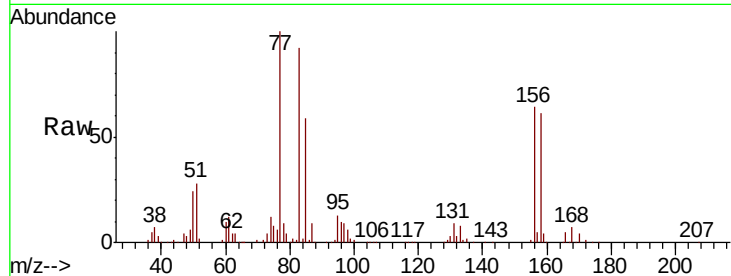
Tgt Ion:156 Resp: 102507

Ion Ratio Lower Upper

156 100

77 154.7 76.8 230.5

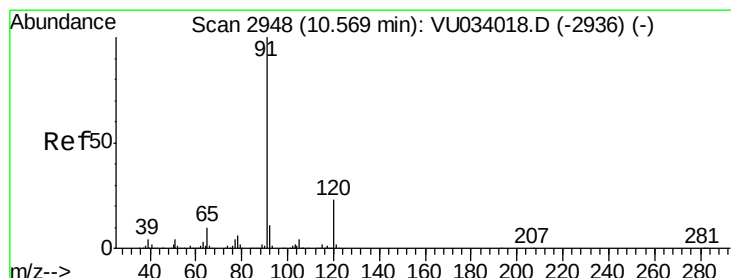
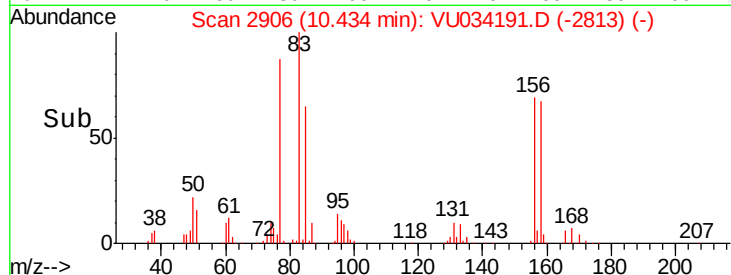
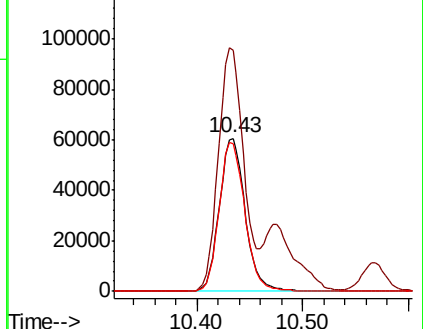
158 97.3 48.4 145.0



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: 18.427 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034191.D

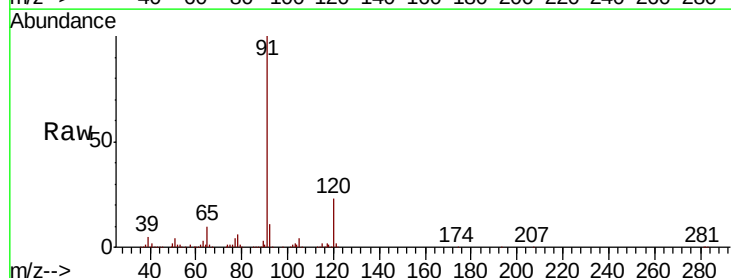
Acq: 02 Sep 2019 10:56

Tgt Ion: 91 Resp: 436294

Ion Ratio Lower Upper

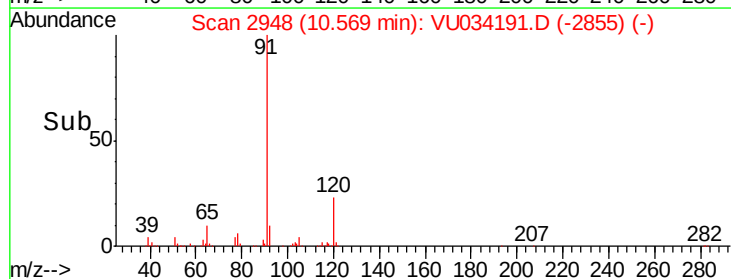
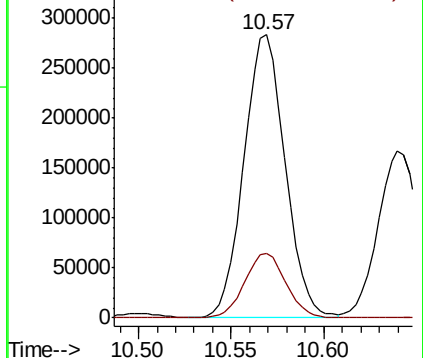
91 100

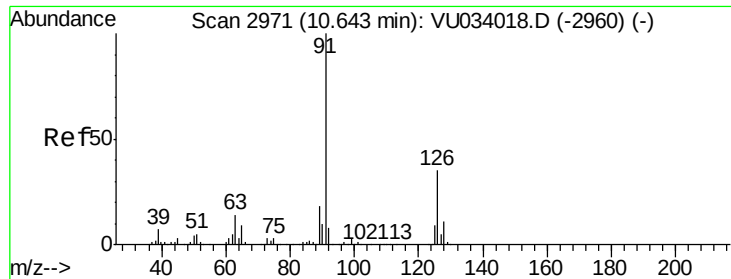
120 22.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.538 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

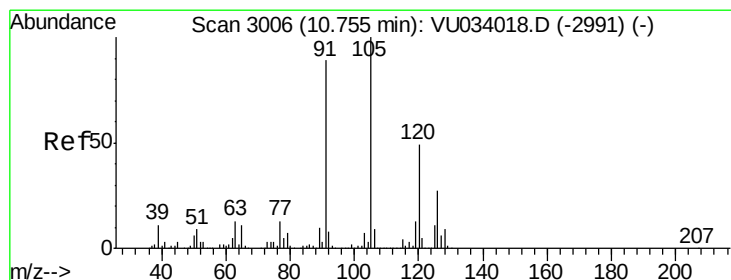
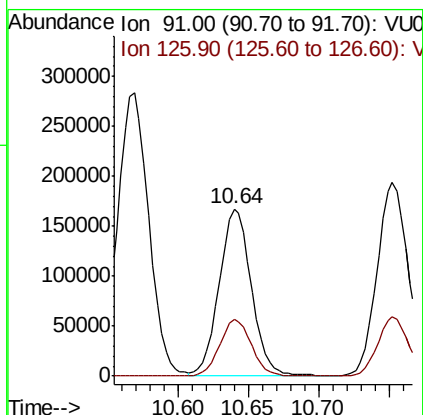
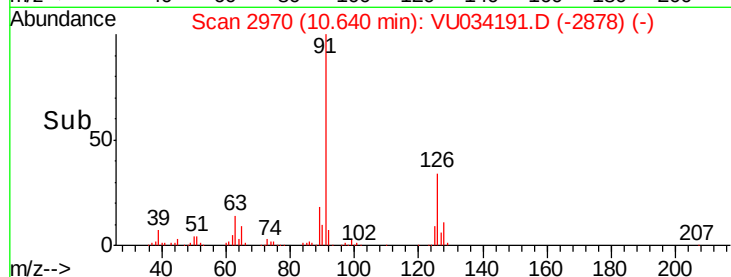
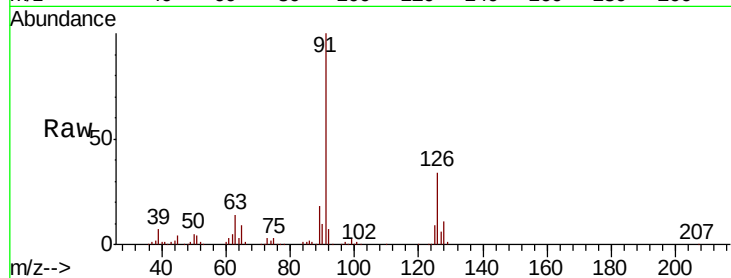
VU0903WBSD01

Tgt Ion: 91 Resp: 263275

Ion Ratio Lower Upper

91 100

126 33.8 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 18.869 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034191.D

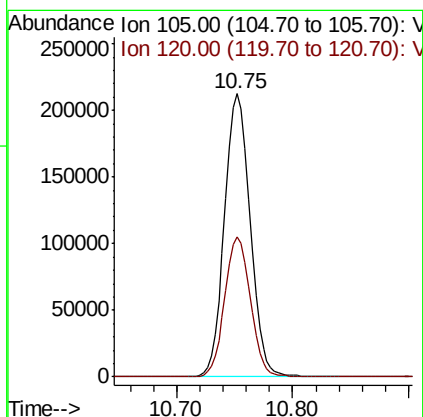
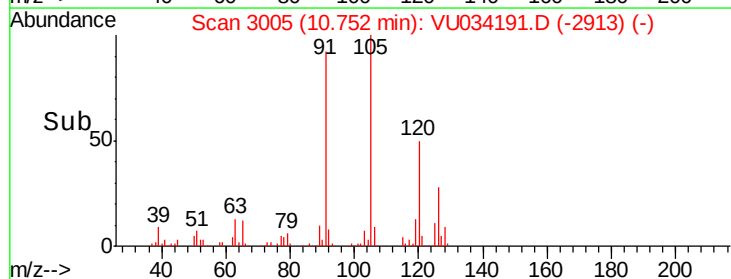
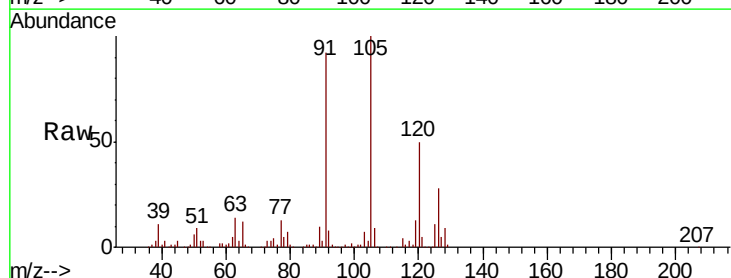
Acq: 02 Sep 2019 10:56

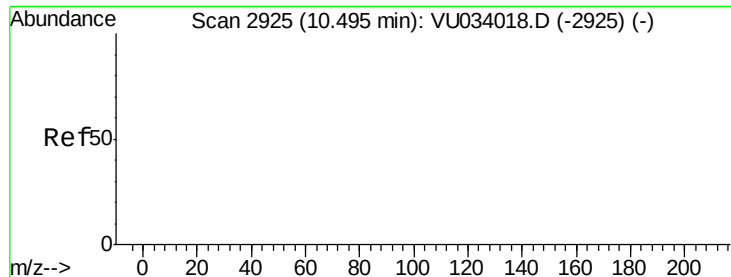
Tgt Ion: 105 Resp: 325154

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 82.675 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.02 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0903WBSD01

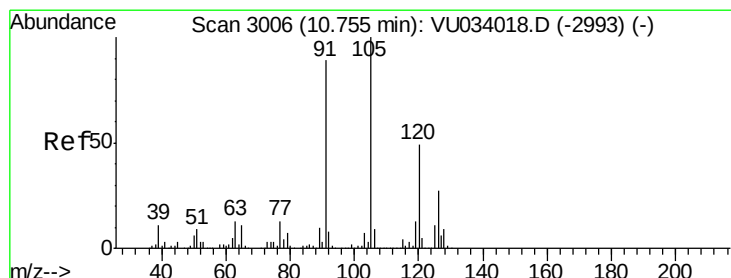
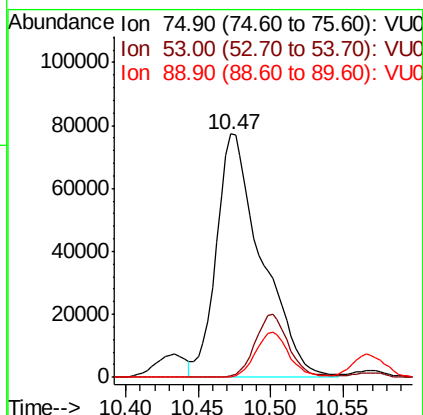
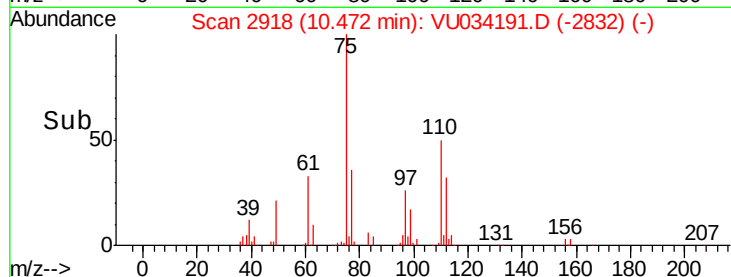
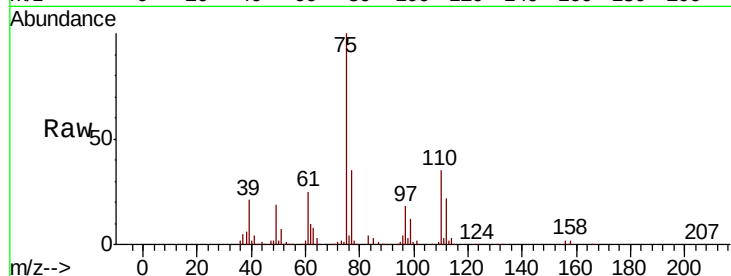
Tgt Ion: 75 Resp: 167496

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 18.459 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034191.D

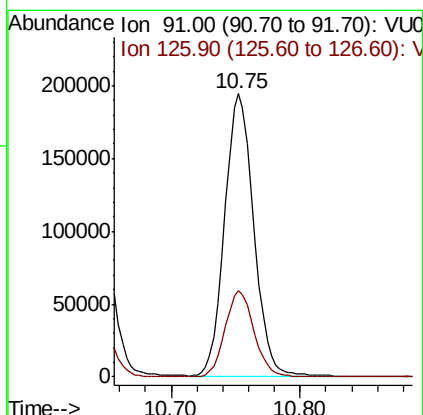
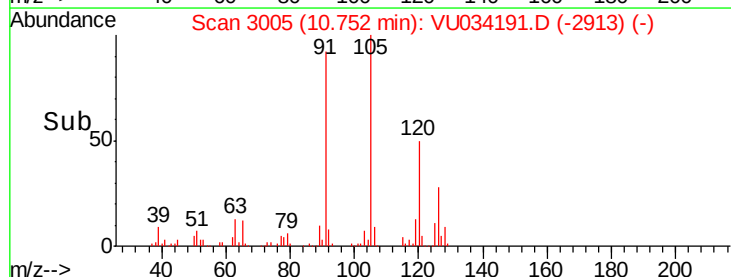
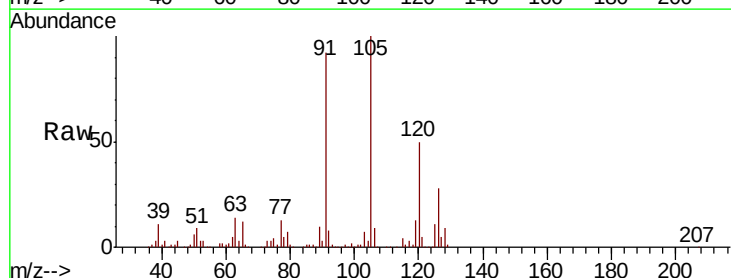
Acq: 02 Sep 2019 10:56

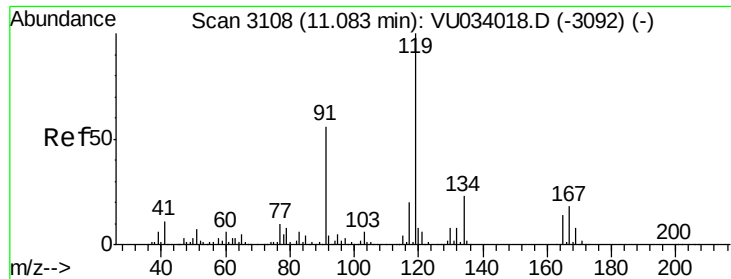
Tgt Ion: 91 Resp: 301486

Ion Ratio Lower Upper

91 100

126 30.4 15.0 45.1

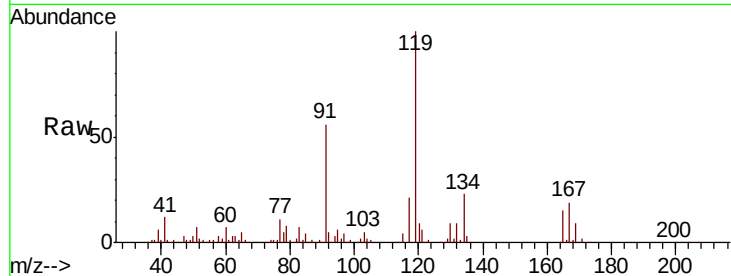




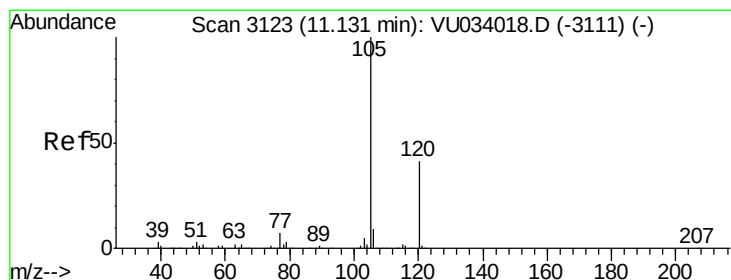
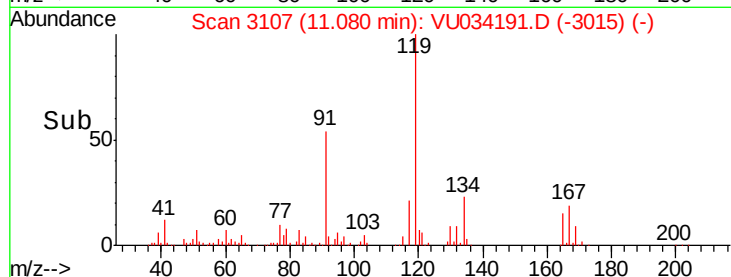
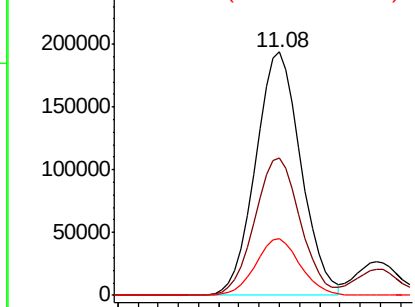
#83
 tert-Butylbenzene
 Concen: 17.909 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBSD01

Tgt Ion:119 Resp: 303801
 Ion Ratio Lower Upper
 119 100
 91 56.7 27.9 83.6
 134 22.9 11.4 34.2

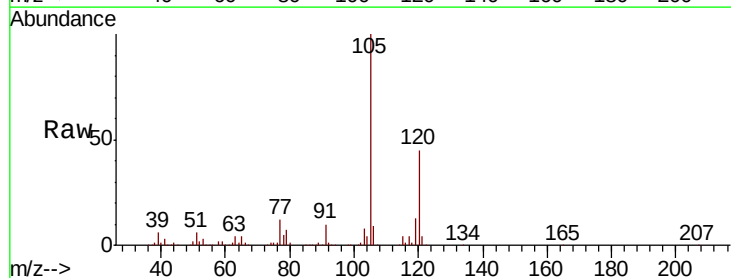


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

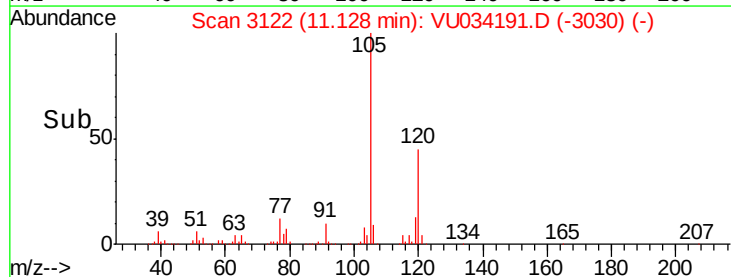
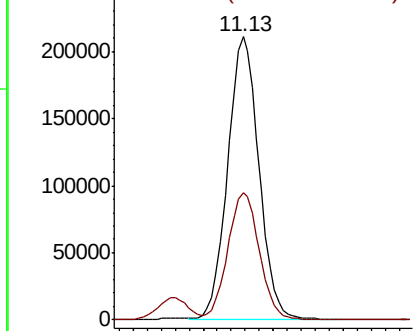


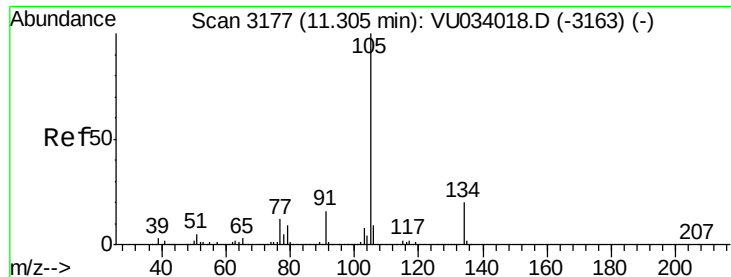
#84
 1,2,4-Trimethylbenzene
 Concen: 18.946 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

Tgt Ion:105 Resp: 324190
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.008 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. -0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

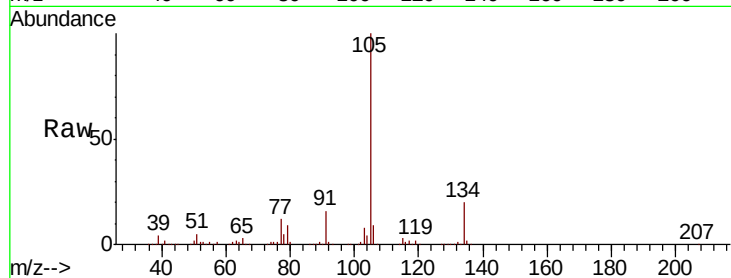
VU0903WBSD01

Tgt Ion:105 Resp: 366125

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.30

250000

200000

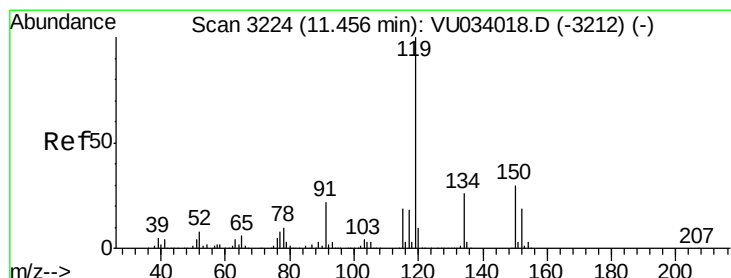
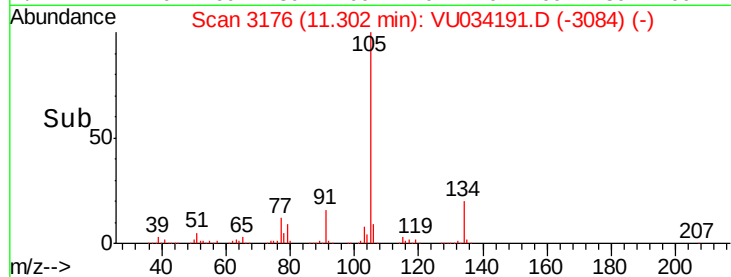
150000

100000

50000

0

Time--> 11.20 11.30 11.40



#86

p-Isopropyltoluene

Concen: 18.518 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. 0.00 min

Lab File: VU034191.D

Acq: 02 Sep 2019 10:56

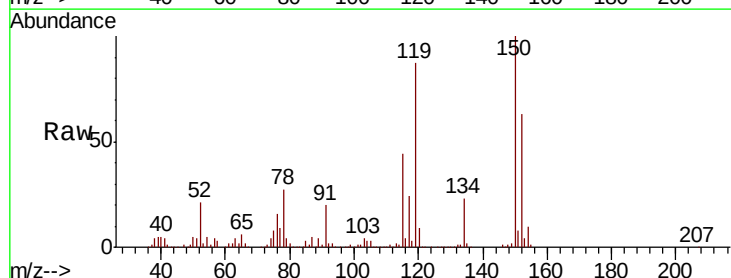
Tgt Ion:119 Resp: 340513

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 22.9 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

300000

250000

200000

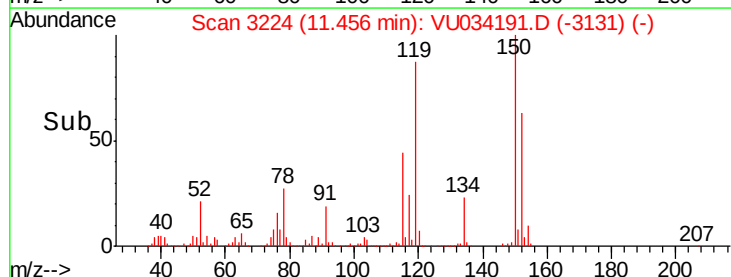
150000

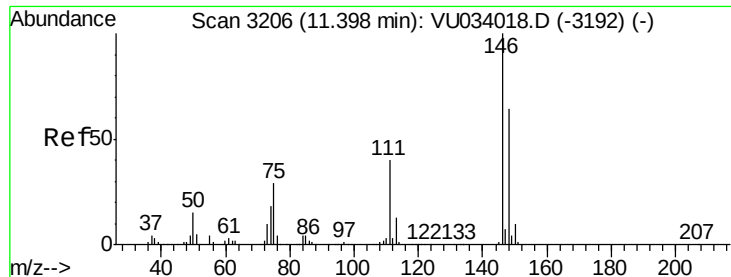
100000

50000

0

Time--> 11.40 11.50 11.60

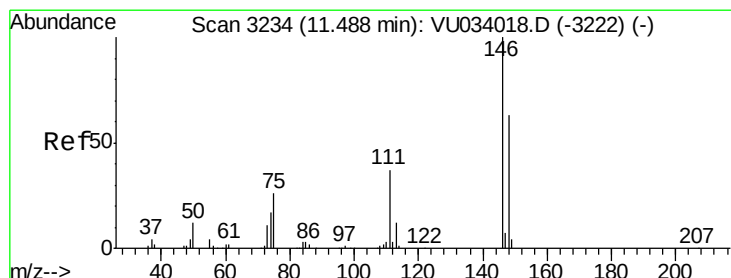
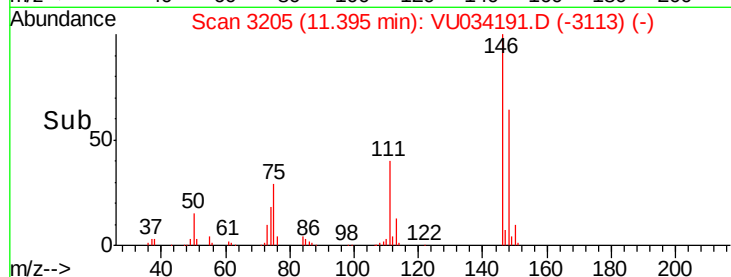
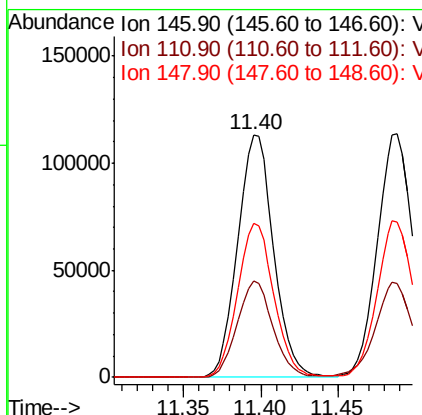
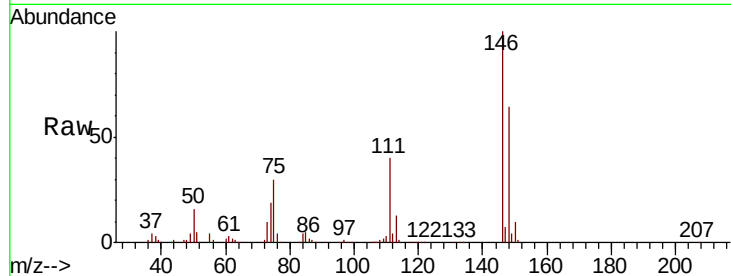




#87
 1,3-Dichlorobenzene
 Concen: 18.967 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

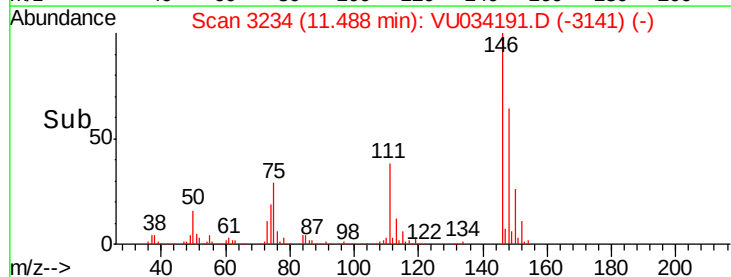
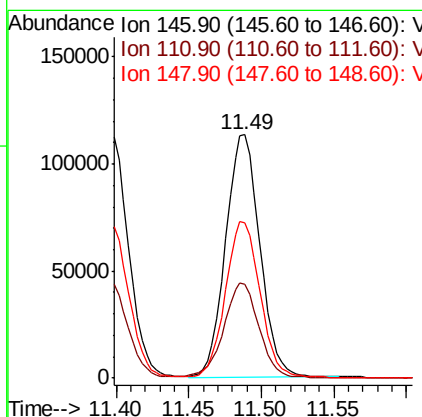
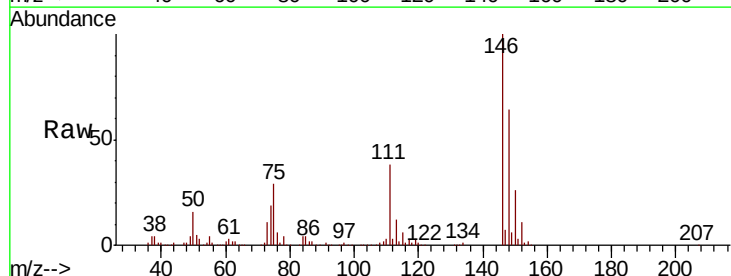
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBSD01

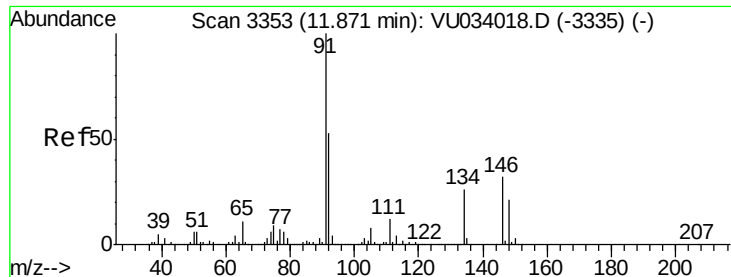
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.6
148	63.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.900 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.2	57.6
148	65.3	31.9	95.9

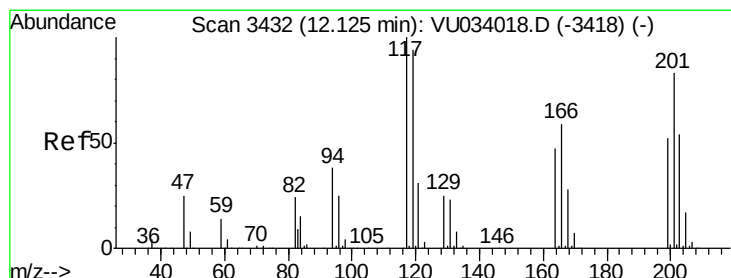
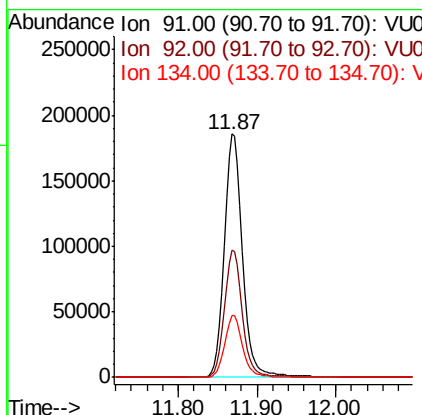
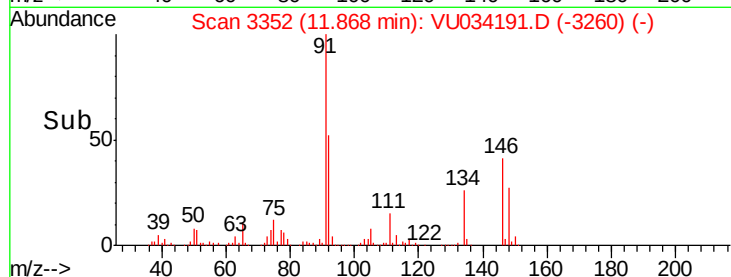
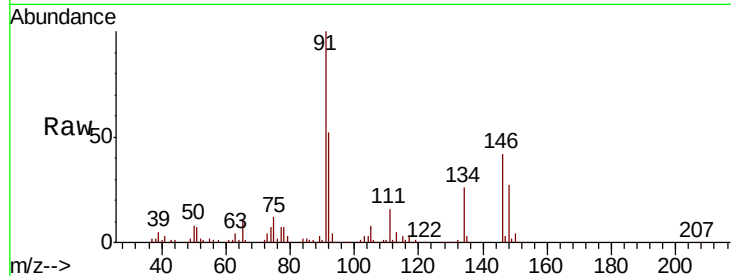




#89
n-Butylbenzene
Concen: 18.259 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

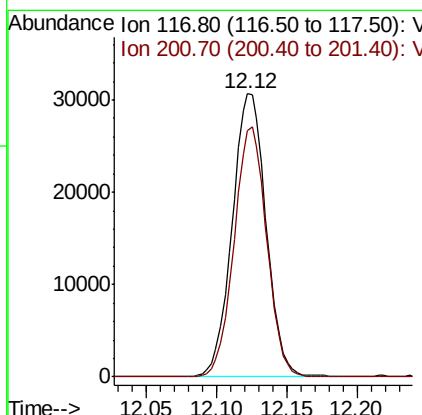
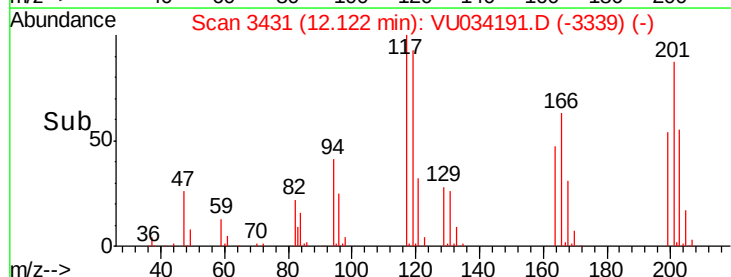
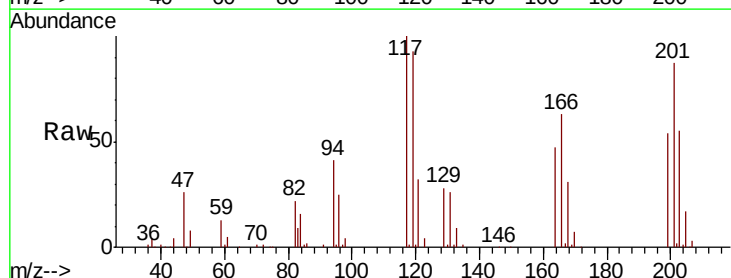
Instrument :
MSVOA_U
ClientSampleId :
VU0903WBSD01

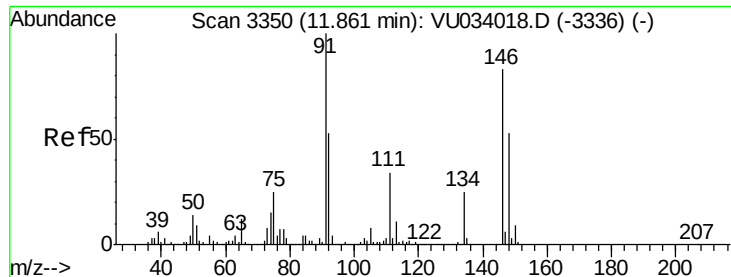
Tgt Ion: 91 Resp: 296010
Ion Ratio Lower Upper
91 100
92 51.6 26.3 78.9
134 24.9 12.9 38.7



#90
Hexachloroethane
Concen: 16.203 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. -0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

Tgt Ion: 117 Resp: 51514
Ion Ratio Lower Upper
117 100
201 85.1 42.5 127.6

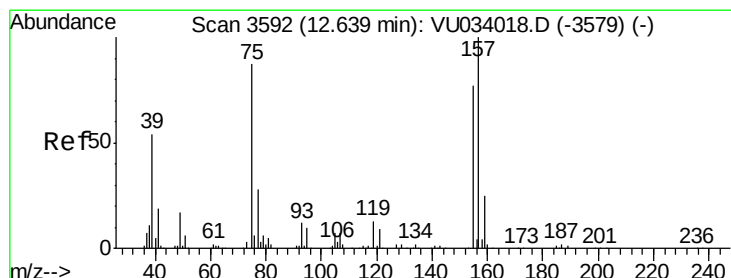
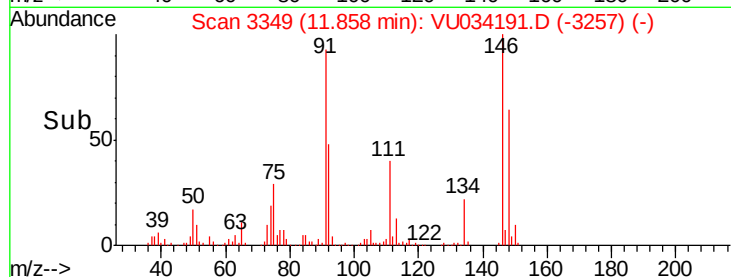
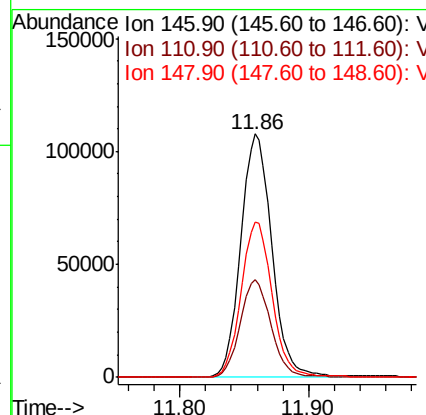
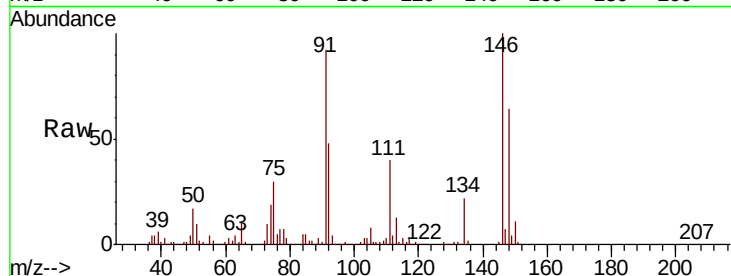




#91
 1,2-Dichlorobenzene
 Concen: 19.518 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

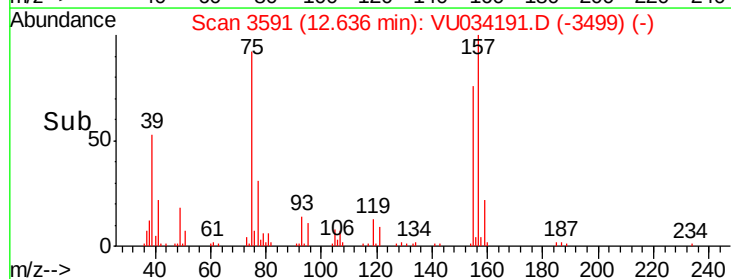
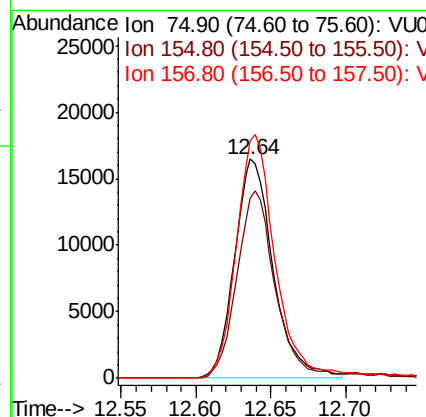
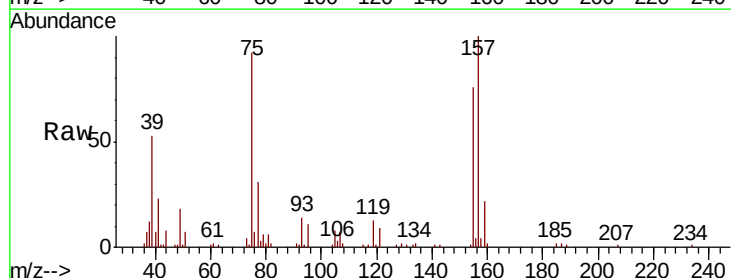
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBSD01

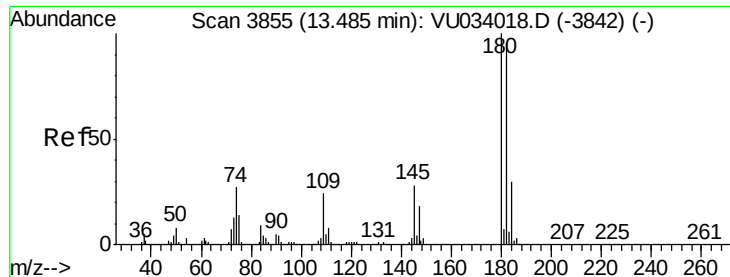
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.4	61.2
148	64.0	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.121 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. -0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.1	43.5	130.7
157	111.6	56.9	170.6

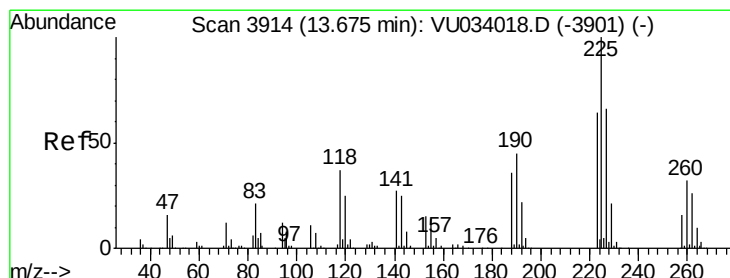
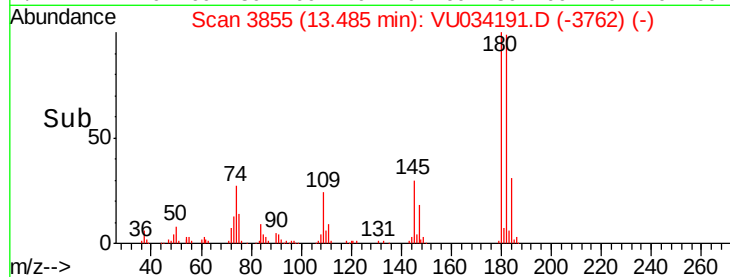
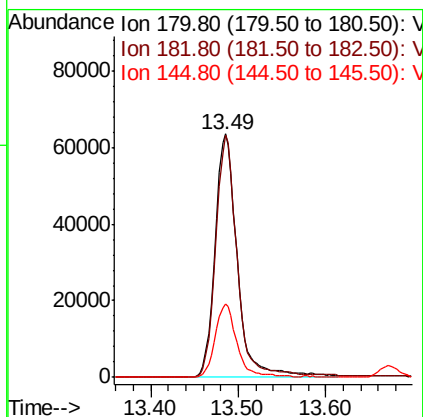
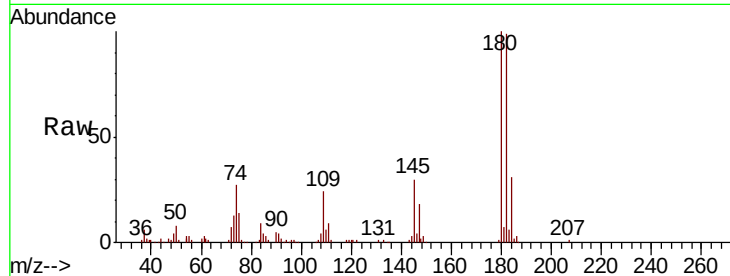




#93
 1,2,4-Trichlorobenzene
 Concen: 17.849 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

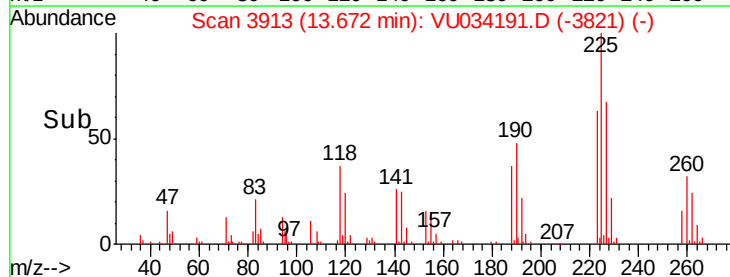
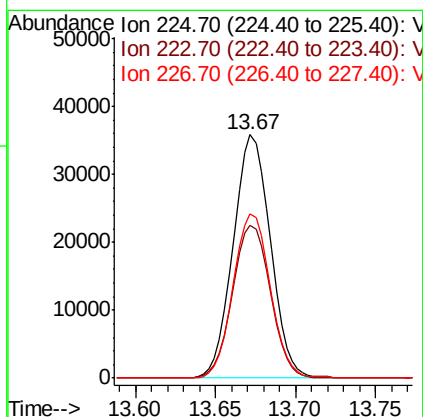
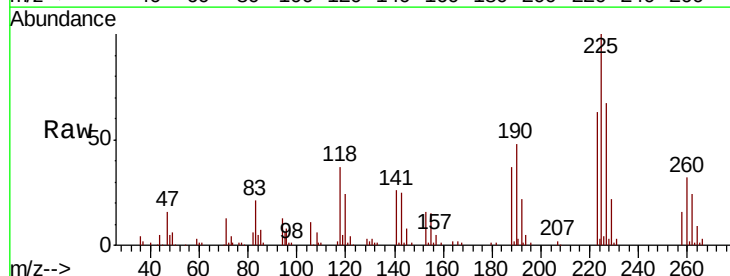
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBSD01

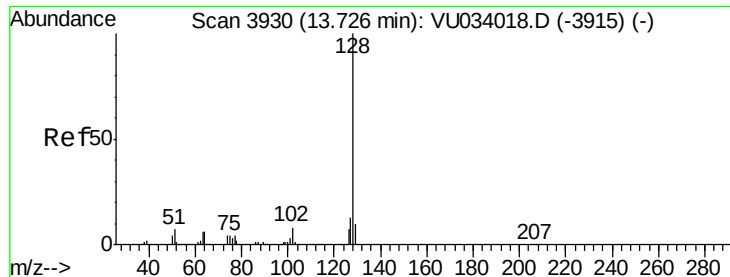
Tgt Ion:180 Resp: 112921
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.4 142.2
 145 29.4 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 15.664 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034191.D
 Acq: 02 Sep 2019 10:56

Tgt Ion:225 Resp: 56834
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.8 95.3
 227 67.2 32.6 97.8

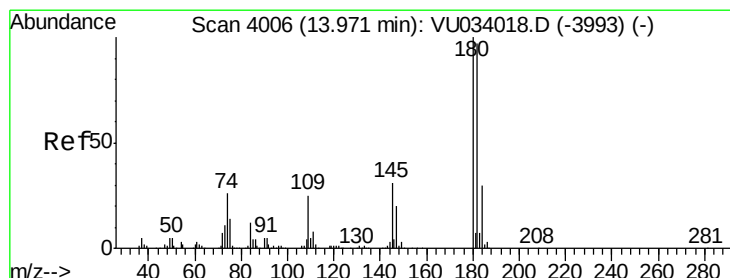
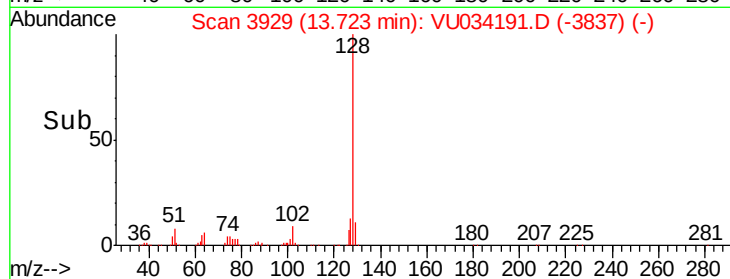
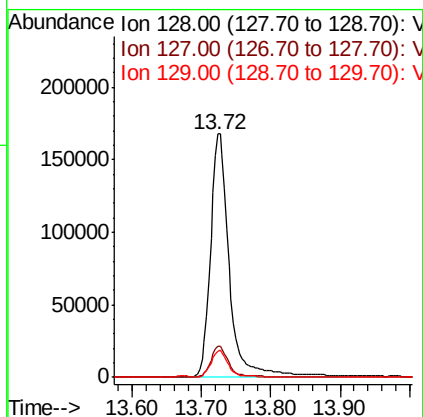
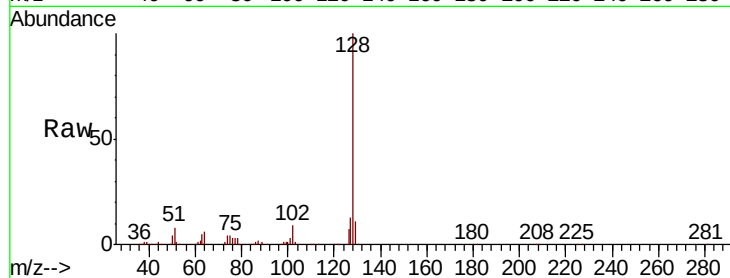




#95
Naphthalene
Concen: 18.000 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. -0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

Instrument :
MSVOA_U
ClientSampleId :
VU0903WBSD01

Tgt Ion:128 Resp: 317625
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.4 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.074 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU034191.D
Acq: 02 Sep 2019 10:56

Tgt Ion:180 Resp: 113325
Ion Ratio Lower Upper
180 100
182 98.8 48.2 144.6
145 31.5 15.5 46.5

