

Data File : VU034217.D
Acq On : 03 Sep 2019 11:09
Operator : JC/SP
Sample : VU0904WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0904WBS01

Quant Time: Sep 04 04:18:45 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	390768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	614060	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	591439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	320743	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	226070	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
35) Dibromofluoromethane	4.86	113	193879	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
50) Toluene-d8	7.55	98	739960	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
62) 4-Bromofluorobenzene	10.29	95	278562	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	65995	16.792	ug/l	99
3) Chloromethane	1.32	50	87422	15.201	ug/l	100
4) Vinyl Chloride	1.40	62	85913	16.425	ug/l	99
5) Bromomethane	1.62	94	50665	16.196	ug/l	95
6) Chloroethane	1.69	64	54575	17.066	ug/l	99
7) Trichlorofluoromethane	1.88	101	107320	17.707	ug/l	98
8) Diethyl Ether	2.09	74	46683	18.005	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	68915	17.949	ug/l	99
10) Methyl Iodide	2.40	142	50866	9.339	ug/l	100
11) Tert butyl alcohol	2.81	59	81361	70.463	ug/l	100
12) 1,1-Dichloroethene	2.27	96	68916	17.617	ug/l	98
13) Acrolein	2.18	56	21422	44.102	ug/l	99
14) Allyl chloride	2.58	41	110833	15.069	ug/l	91
15) Acrylonitrile	2.92	53	221637	83.650	ug/l	98
16) Acetone	2.31	43	206890	80.980	ug/l	100
17) Carbon Disulfide	2.47	76	188812	15.250	ug/l	100
18) Methyl Acetate	2.60	43	106128	16.075	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	231953	18.096	ug/l	100
20) Methylene Chloride	2.69	84	84052	17.378	ug/l	100
21) trans-1,2-Dichloroethene	2.97	96	72641	17.110	ug/l	97
22) Diisopropyl ether	3.55	45	249827	18.536	ug/l	96
23) Vinyl Acetate	3.51	43	998648	86.255	ug/l	99
24) 1,1-Dichloroethane	3.43	63	144936	18.215	ug/l	99
25) 2-Butanone	4.24	43	295009	82.997	ug/l	99
26) 2,2-Dichloropropane	4.20	77	114408	17.670	ug/l	99
27) cis-1,2-Dichloroethene	4.21	96	85607	17.964	ug/l	100
28) Bromochloromethane	4.52	49	74917	19.110	ug/l	100
29) Tetrahydrofuran	4.62	42	185758	84.743	ug/l	98
30) Chloroform	4.65	83	143599	18.088	ug/l	100
31) Cyclohexane	4.97	56	121850	16.297	ug/l	95
32) 1,1,1-Trichloroethane	4.89	97	117796	18.117	ug/l	99
36) 1,1-Dichloropropene	5.12	75	100562	17.314	ug/l	99
37) Ethyl Acetate	4.36	43	105324	16.193	ug/l	98
38) Carbon Tetrachloride	5.11	117	100202	17.873	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	112626	16.452	ug/l	98
40) Benzene	5.37	78	317853	18.088	ug/l	99
41) Methacrylonitrile	4.52	41	55501	16.638	ug/l	97
42) 1,2-Dichloroethane	5.38	62	109462	18.038	ug/l	98
43) Isopropyl Acetate	5.53	43	161129	16.284	ug/l	100
44) Trichloroethene	6.17	130	84066	18.217	ug/l	99
45) 1,2-Dichloropropane	6.41	63	89788	18.561	ug/l	99
46) Dibromomethane	6.54	93	55371	17.767	ug/l	99
47) Bromodichloromethane	6.74	83	108769	17.838	ug/l	100
48) Methyl methacrylate	6.60	41	75506	15.813	ug/l	98
49) 1,4-Dioxane	6.59	88	32404	270.850	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	553237	80.958	ug/l	99
52) Toluene	7.62	92	201183	18.584	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	113588	16.789	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	129941	17.580	ug/l	97
55) 1,1,2-Trichloroethane	8.05	97	82202	17.952	ug/l	98
56) Ethyl methacrylate	8.00	69	110989	15.300	ug/l	100
57) 1,3-Dichloropropane	8.22	76	137617	17.700	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	179948	71.034	ug/l	99
59) 2-Hexanone	8.34	43	404306	78.372	ug/l	100
60) Dibromochloromethane	8.46	129	86414	17.581	ug/l	98
61) 1,2-Dibromoethane	8.57	107	81501	16.896	ug/l	100
64) Tetrachloroethene	8.21	164	75566	19.025	ug/l	100
65) Chlorobenzene	9.10	112	217456	17.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	77929	17.657	ug/l	99
67) Ethyl Benzene	9.23	91	361781	17.535	ug/l	100
68) m/p-Xylenes	9.36	106	282951	36.068	ug/l	99
69) o-Xylene	9.76	106	131864	17.520	ug/l	99
70) Styrene	9.77	104	232787	18.038	ug/l	100
71) Bromoform	9.94	173	63394	16.532	ug/l #	100
73) Isopropylbenzene	10.15	105	360341	16.726	ug/l	99
74) N-amyl acetate	10.00	43	138852	15.324	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	134031	16.254	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	138328	19.135	ug/l	89
77) Bromobenzene	10.43	156	97633	16.847	ug/l	98
78) n-propylbenzene	10.57	91	422832	16.853	ug/l	99
79) 2-Chlorotoluene	10.64	91	256349	17.034	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	317825	17.406	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.47	75	138908	64.703	ug/l #	100
82) 4-Chlorotoluene	10.75	91	295785	17.090	ug/l	100
83) tert-Butylbenzene	11.08	119	292912	16.295	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	309733	17.082	ug/l	98
85) sec-Butylbenzene	11.30	105	356587	16.551	ug/l	100
86) p-Isopropyltoluene	11.46	119	328304	16.849	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	175423	17.098	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	178282	17.182	ug/l	99
89) n-Butylbenzene	11.87	91	278082	16.187	ug/l	99
90) Hexachloroethane	12.12	117	47737	14.170	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	173575	17.661	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.64	75	25040	15.243	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090419\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	103312	15.563	ug/l	99
94) Hexachlorobutadiene	13.67	225	58219	15.142	ug/l	99
95) Naphthalene	13.73	128	264379	14.523	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	104512	16.600	ug/l	98

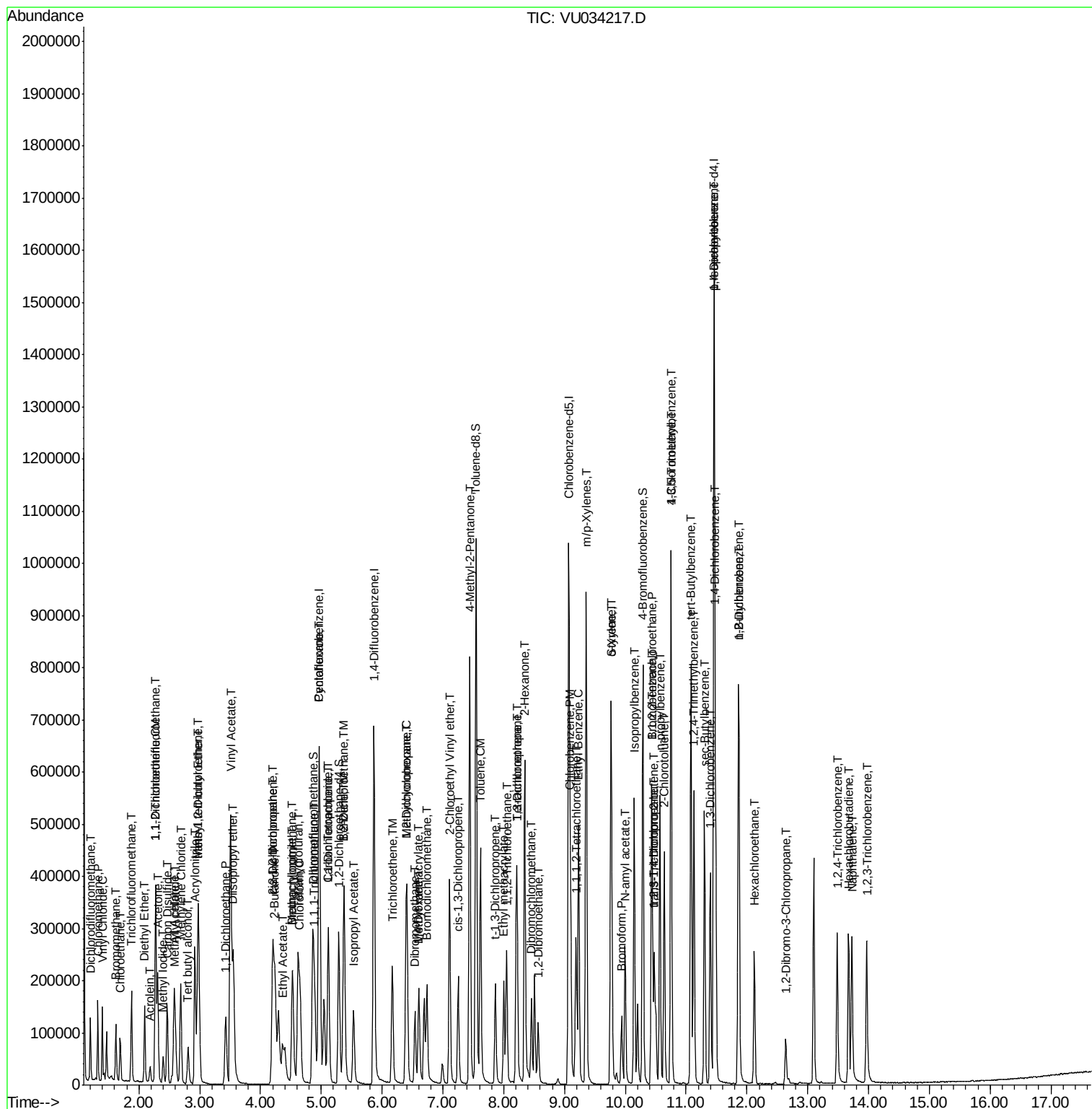
(#) = qualifier out of range (m) = manual integration (+) = signals summed

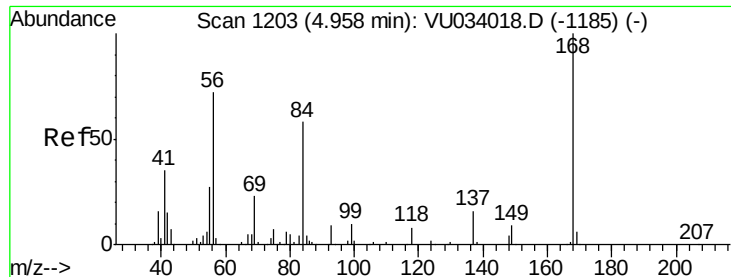
Data File : VU034217.D

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Acq On       : 03 Sep 2019   11:09
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Sample      : VU0904WBS01
Misc       : 5.0mL/MSV0A_U/WATER
ALS Vial    : 6      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Sep 04 04:18:45 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

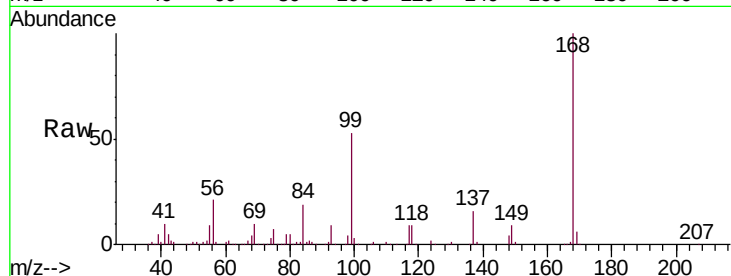
VU0904WBS01

Tgt Ion:168 Resp: 390768

Ion Ratio Lower Upper

168 100

99 52.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

150000

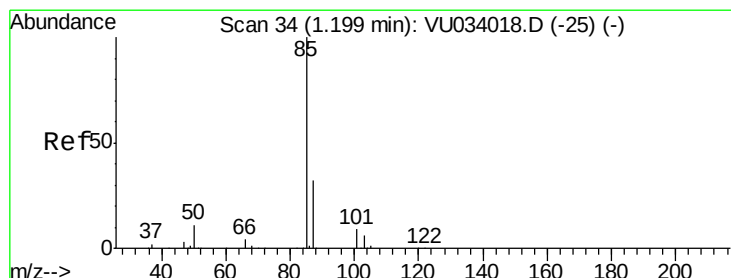
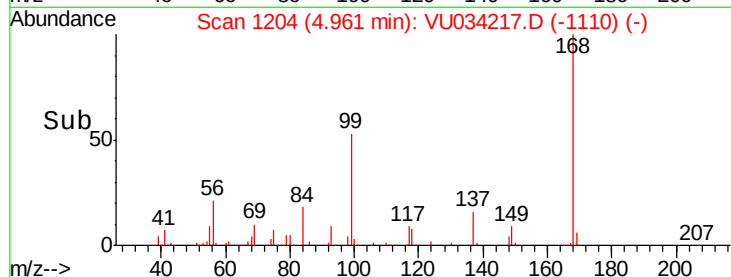
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.792 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034217.D

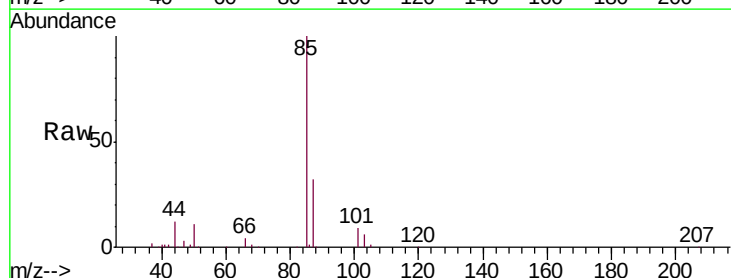
Acq: 03 Sep 2019 11:09

Tgt Ion: 85 Resp: 65995

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VU034018.D (-25) (-)

Ion 86.90 (86.60 to 87.60): VU034018.D (-25) (-)

1.20

80000

60000

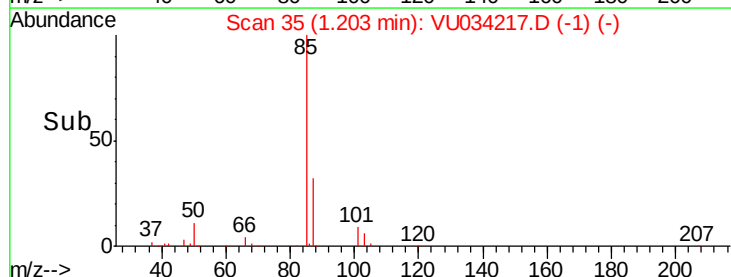
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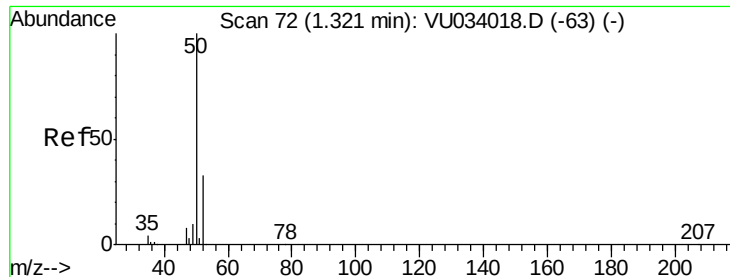
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 15.201 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

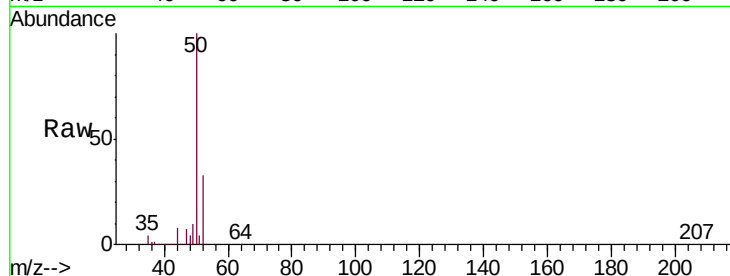
VU0904WBS01

Tgt Ion: 50 Resp: 87422

Ion Ratio Lower Upper

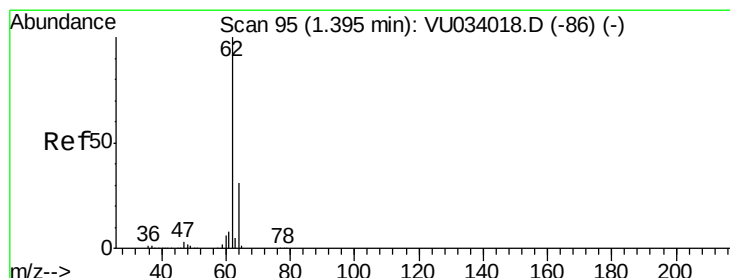
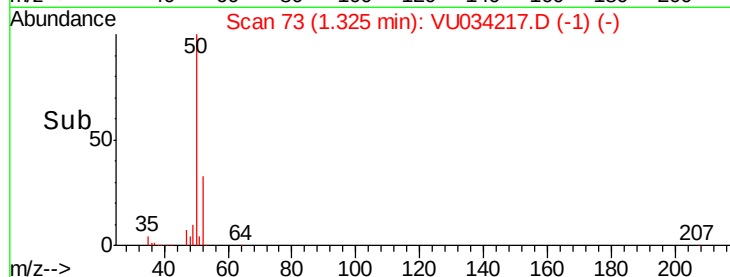
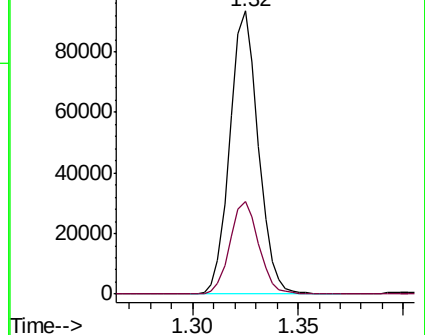
50 100

52 32.6 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU034018.D (-63) (-)

Ion 51.90 (51.60 to 52.60): VU034217.D (-1) (-)



#4

Vinyl Chloride

Concen: 16.425 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034217.D

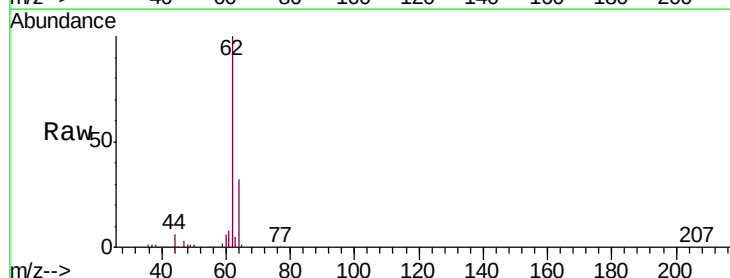
Acq: 03 Sep 2019 11:09

Tgt Ion: 62 Resp: 85913

Ion Ratio Lower Upper

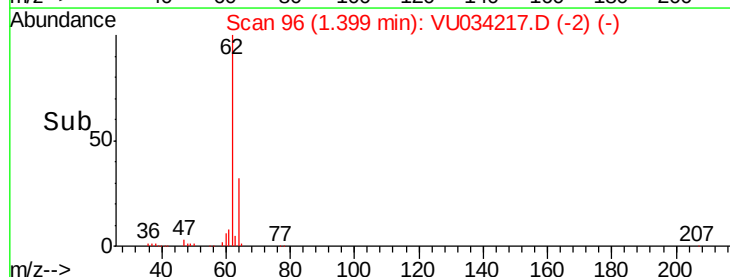
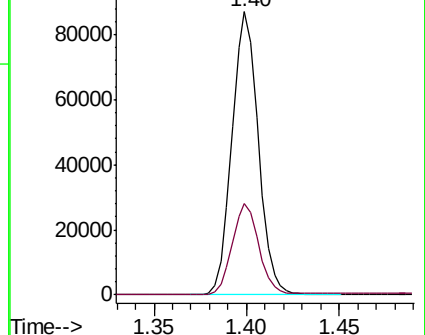
62 100

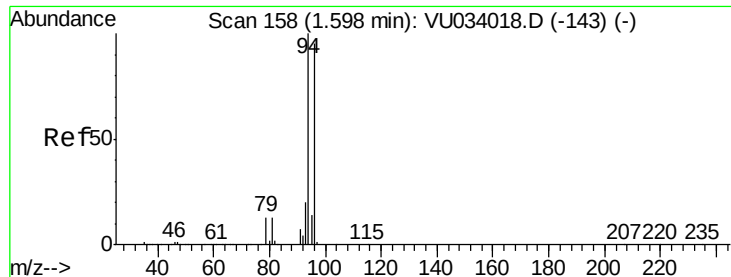
64 32.0 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VU034018.D (-86) (-)

Ion 63.90 (63.60 to 64.60): VU034217.D (-2) (-)





#5

Bromomethane

Concen: 16.196 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.02 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

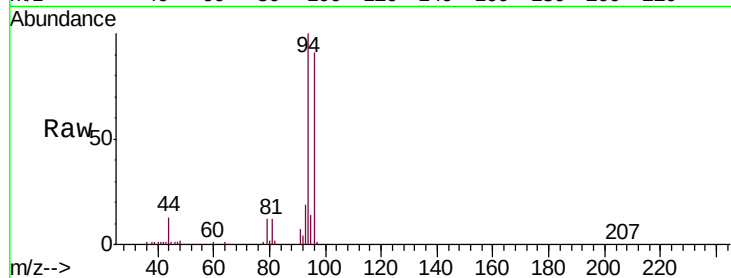
VU0904WBS01

Tgt Ion: 94 Resp: 50665

Ion Ratio Lower Upper

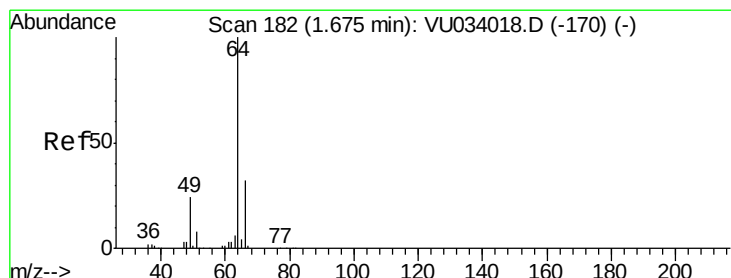
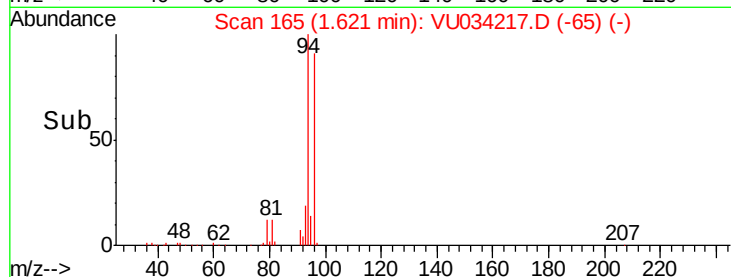
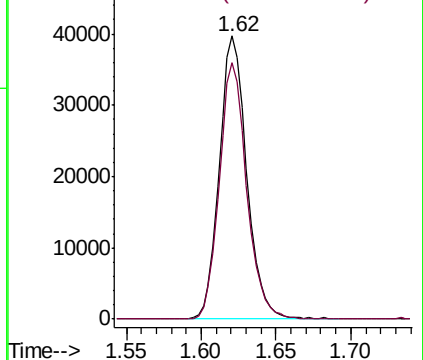
94 100

96 90.7 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 17.066 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.02 min

Lab File: VU034217.D

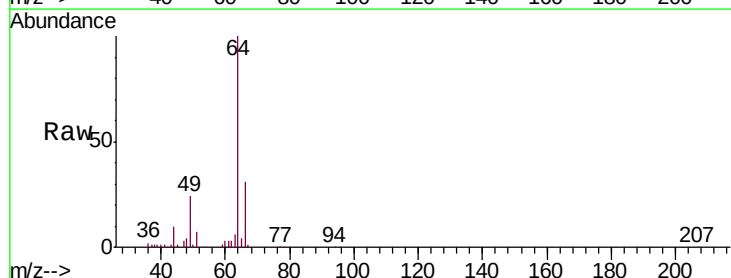
Acq: 03 Sep 2019 11:09

Tgt Ion: 64 Resp: 54575

Ion Ratio Lower Upper

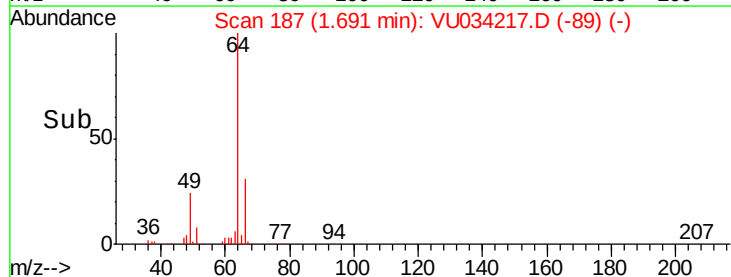
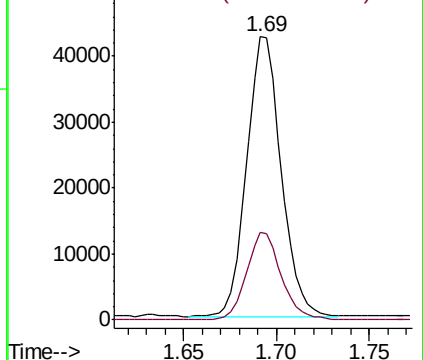
64 100

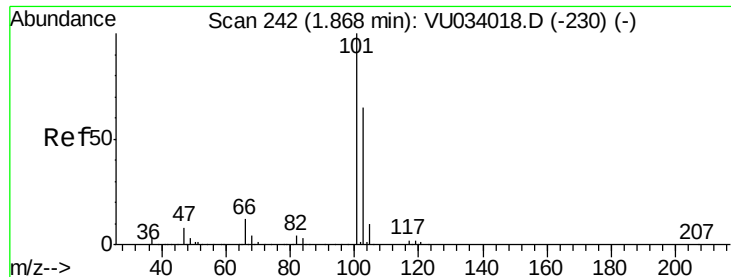
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



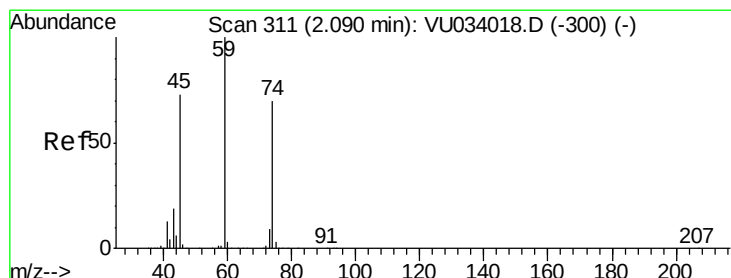
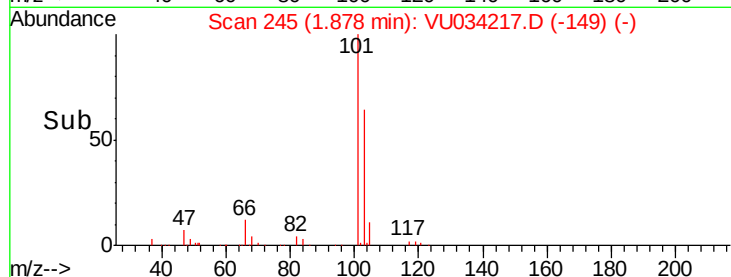
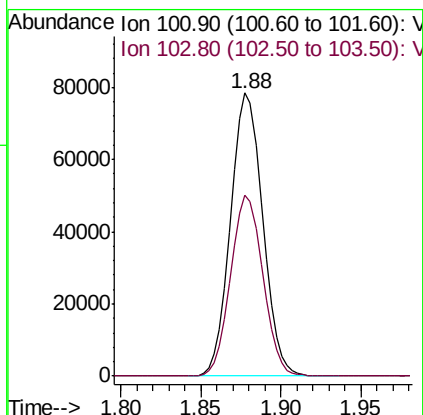
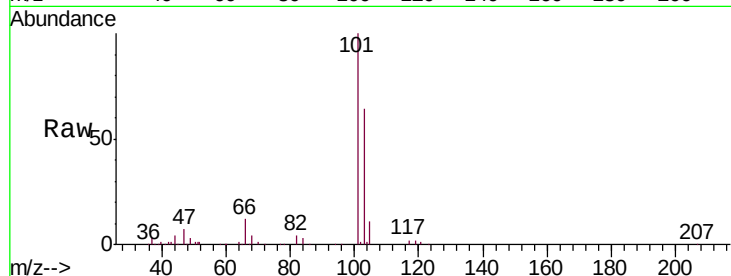


#7

Trichlorofluoromethane
 Concen: 17.707 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.01 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBS01

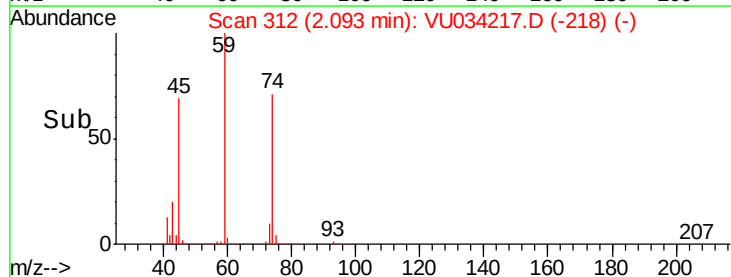
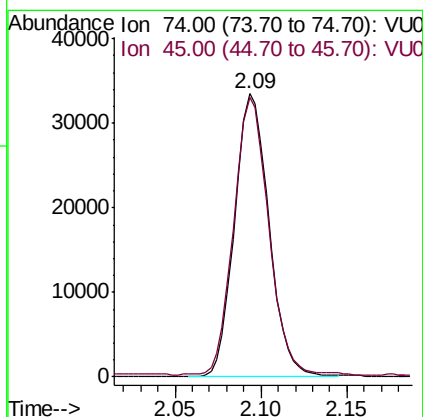
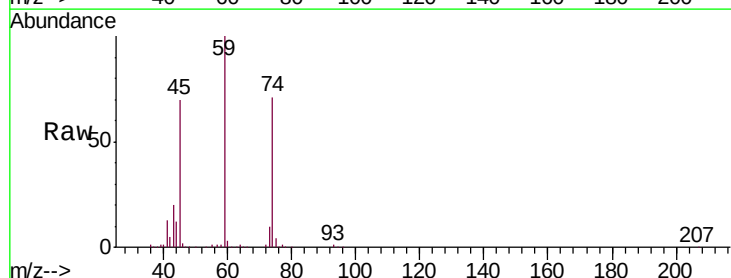
Tgt Ion:101 Resp: 107320
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.1 78.1

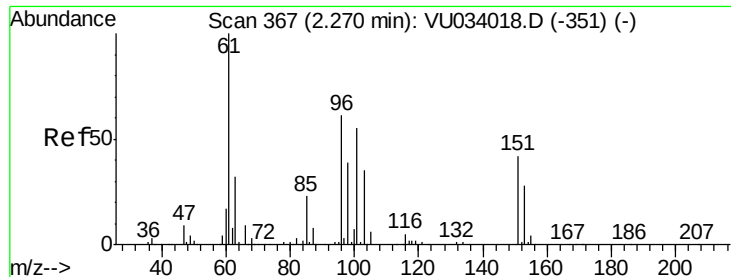


#8

Diethyl Ether
 Concen: 18.005 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

Tgt Ion: 74 Resp: 46683
 Ion Ratio Lower Upper
 74 100
 45 99.1 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.949 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.01 min

Lab File: VU034217.D

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Instrument :

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ClientSampleId :

VU0904WBS01

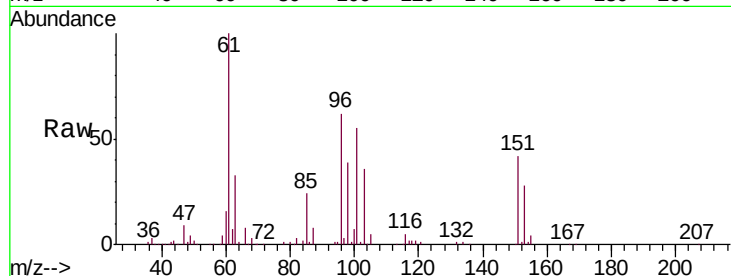
Tgt Ion:101 Resp: 68915

Ion Ratio Lower Upper

101 100

85 43.5 34.2 51.2

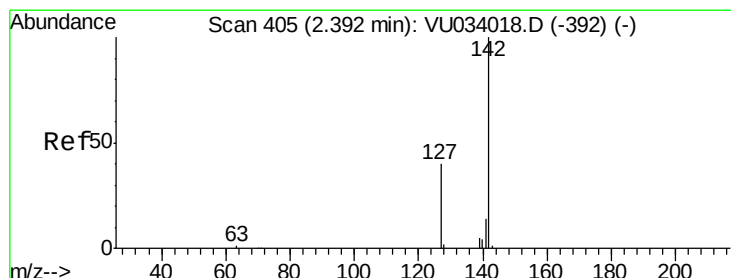
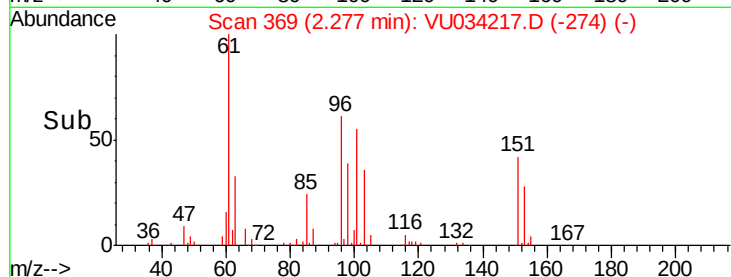
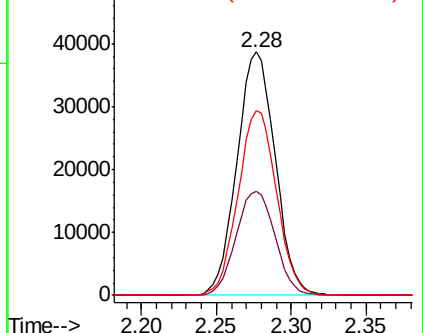
151 76.4 61.4 92.2



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: 9.339 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

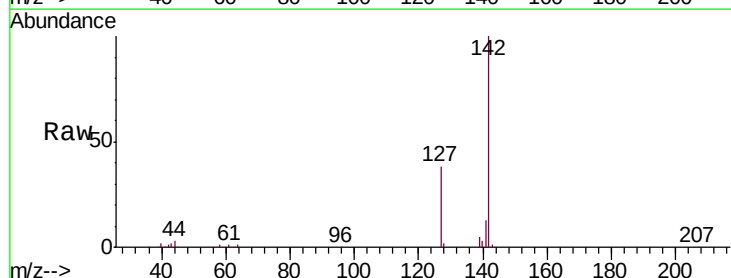
Tgt Ion:142 Resp: 50866

Ion Ratio Lower Upper

142 100

127 40.5 32.6 48.8

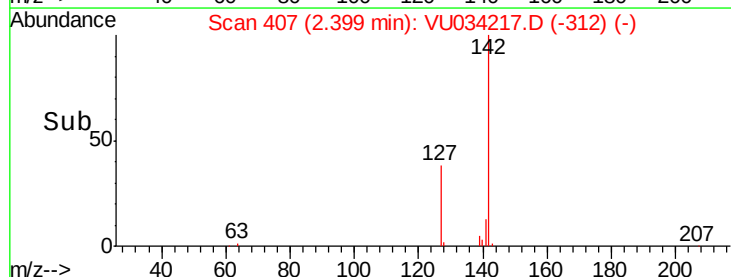
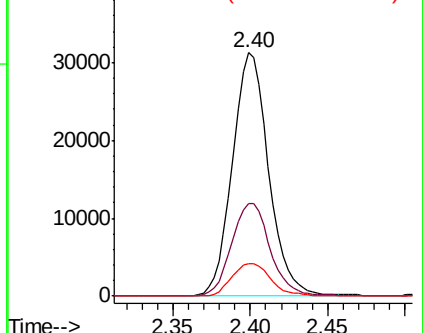
141 14.5 11.3 16.9

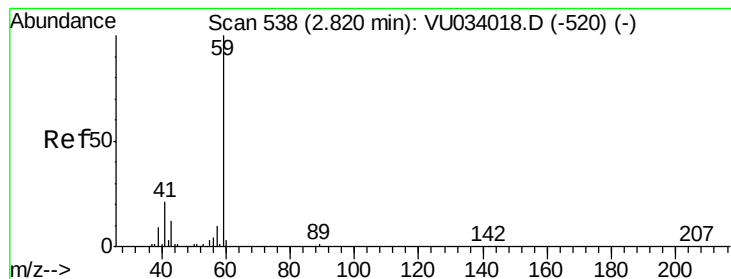


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



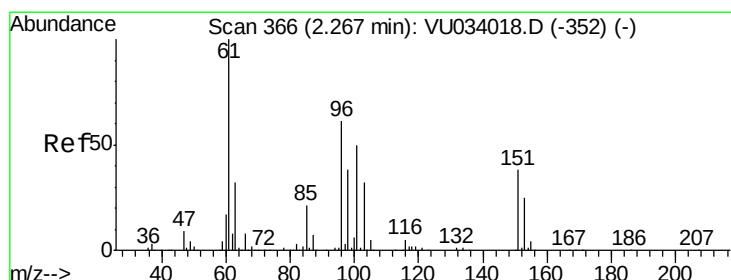
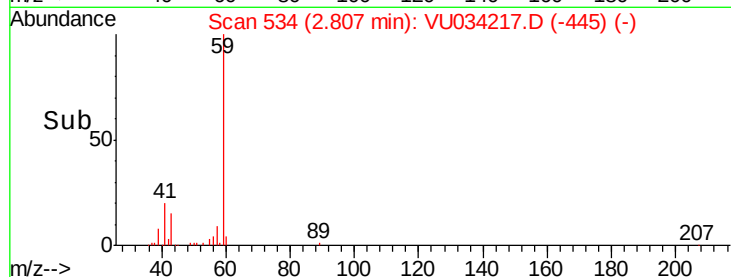
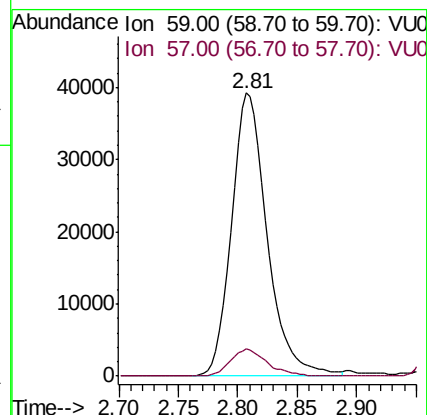
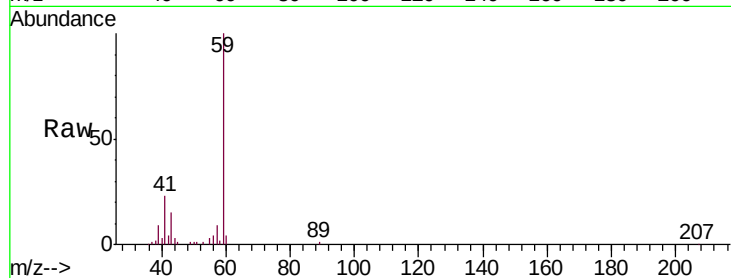


#11

Tert butyl alcohol
 Concen: 70.463 ug/l
 RT: 2.81 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBS01

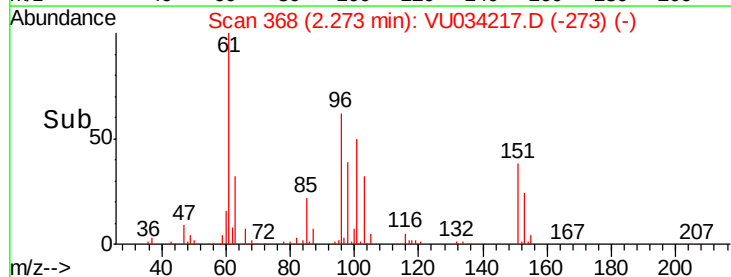
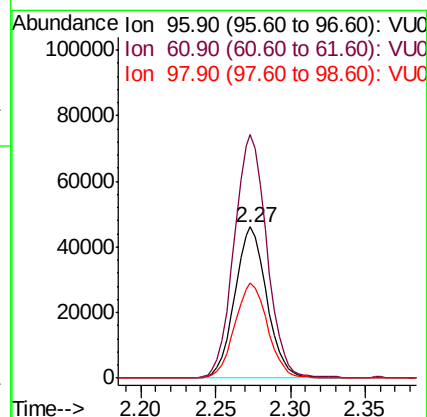
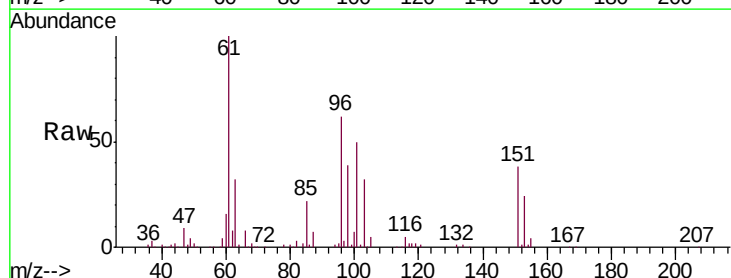
Tgt Ion: 59 Resp: 81361
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.0 12.0

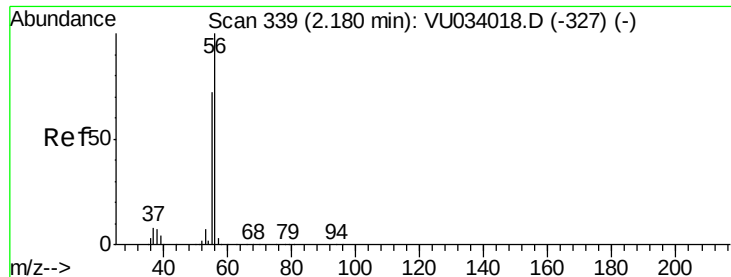


#12

1,1-Dichloroethene
 Concen: 17.617 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

Tgt Ion: 96 Resp: 68916
 Ion Ratio Lower Upper
 96 100
 61 161.4 131.3 196.9
 98 62.7 50.3 75.5





#13

Acrolein

Concen: 44.102 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

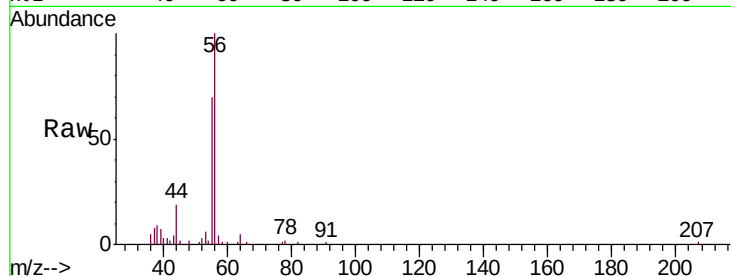
VU0904WBS01

Tgt Ion: 56 Resp: 21422

Ion Ratio Lower Upper

56 100

55 72.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU034018.D (-327) (-)

Ion 55.00 (54.70 to 55.70): VU034018.D (-327) (-)

2.18

15000

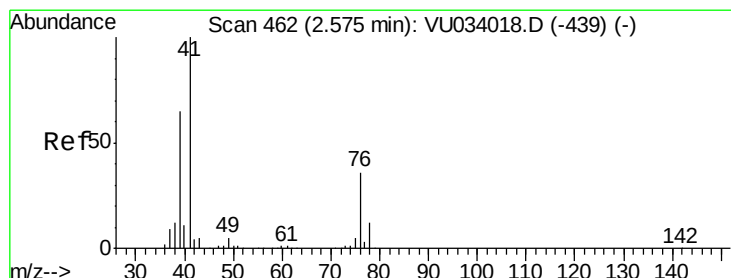
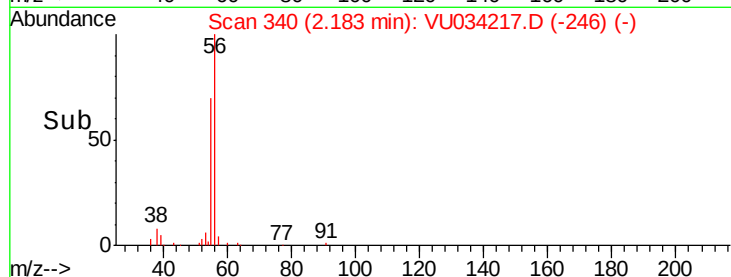
10000

5000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 15.069 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

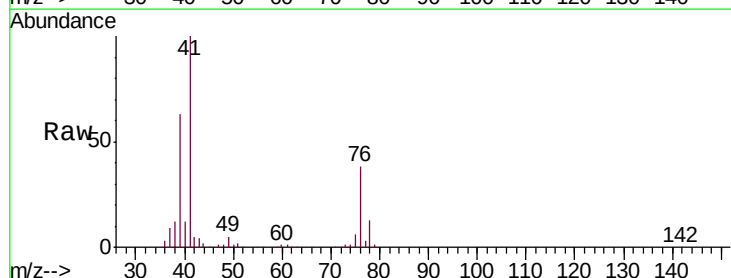
Tgt Ion: 41 Resp: 110833

Ion Ratio Lower Upper

41 100

39 65.2 46.8 70.2

76 38.1 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VU034018.D (-439) (-)

Ion 39.00 (38.70 to 39.70): VU034018.D (-439) (-)

Ion 75.90 (75.60 to 76.60): VU034018.D (-439) (-)

2.58

80000

60000

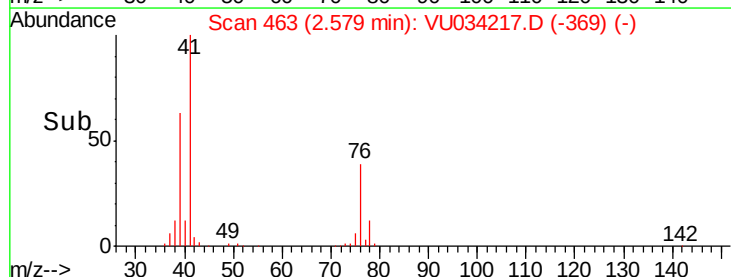
40000

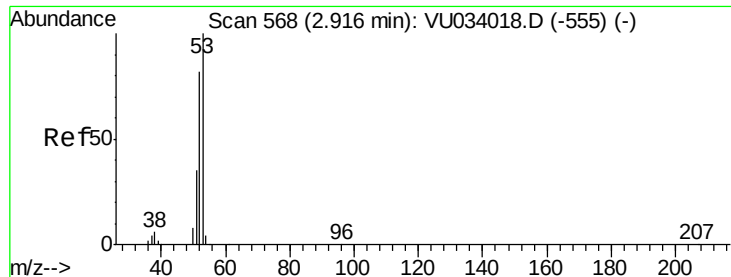
20000

0

Time-->

2.55 2.60 2.65





#15

Acrylonitrile

Concen: 83.650 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBS01

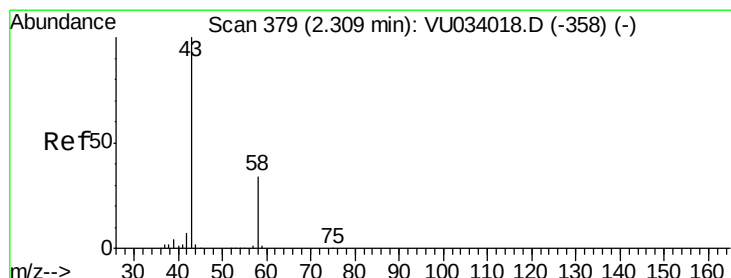
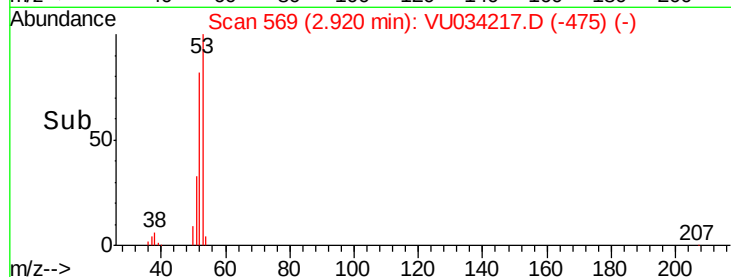
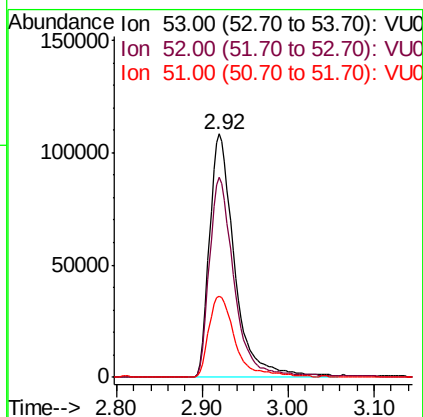
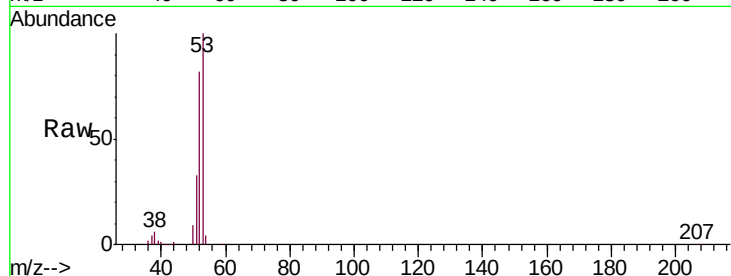
Tgt Ion: 53 Resp: 221637

Ion Ratio Lower Upper

53 100

52 80.3 65.7 98.5

51 35.3 27.9 41.9



#16

Acetone

Concen: 80.980 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034217.D

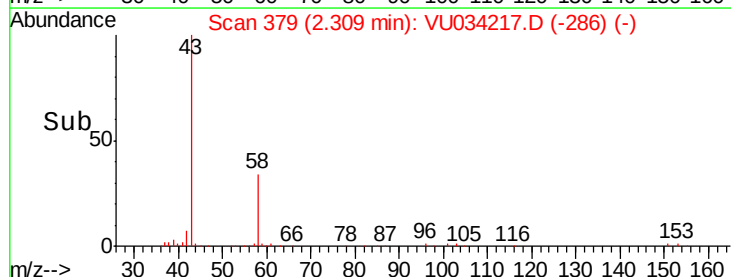
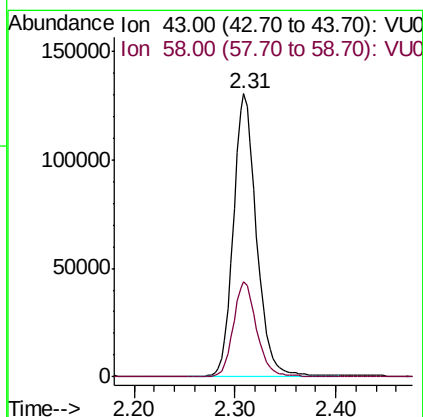
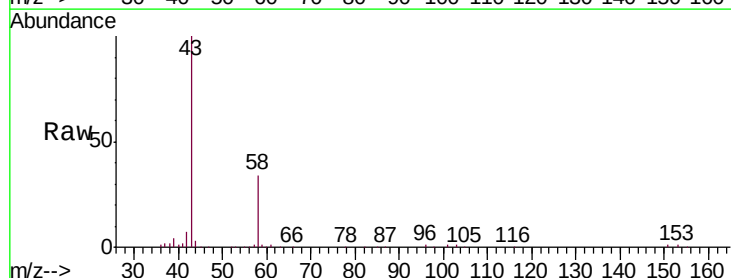
Acq: 03 Sep 2019 11:09

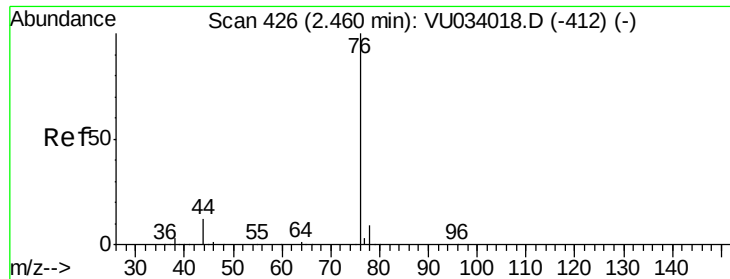
Tgt Ion: 43 Resp: 206890

Ion Ratio Lower Upper

43 100

58 33.7 26.8 40.2

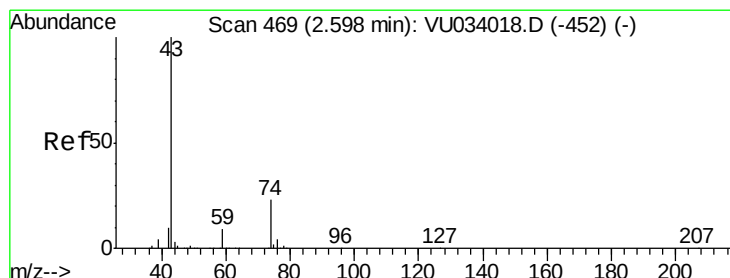
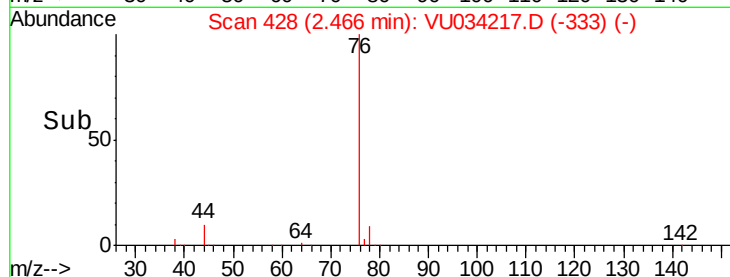
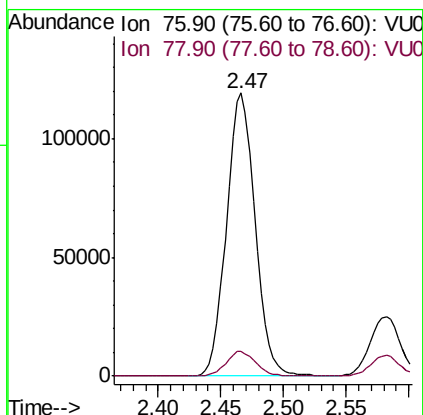
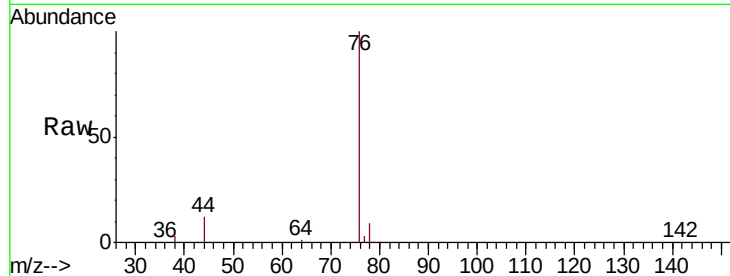




#17
Carbon Disulfide
Concen: 15.250 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.01 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

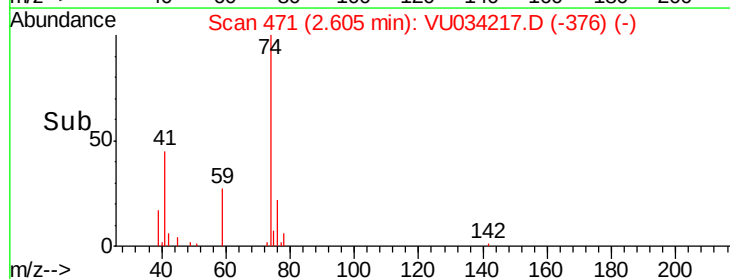
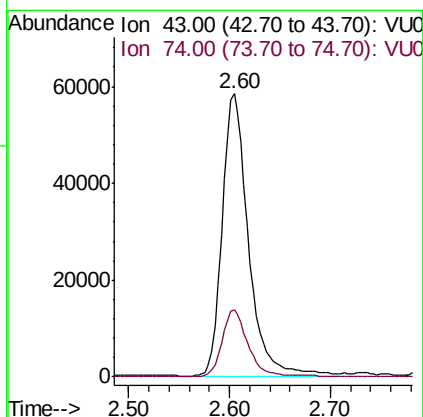
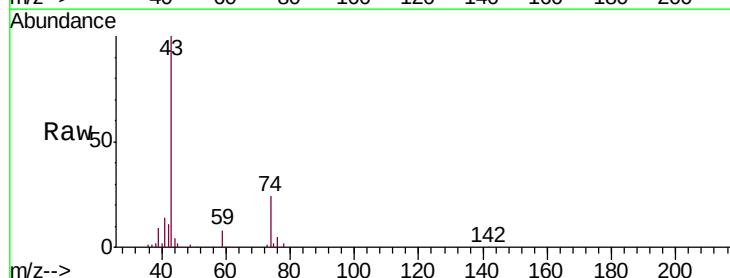
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBS01

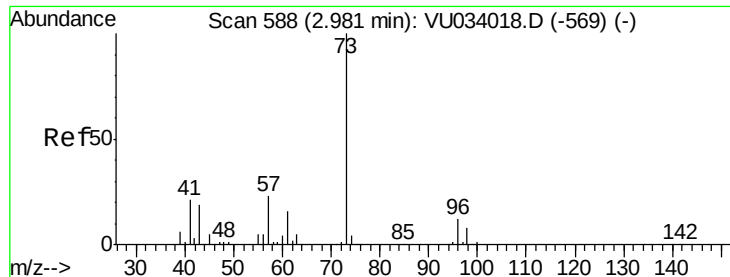
Tgt Ion: 76 Resp: 188812
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 16.075 ug/l
RT: 2.60 min Scan# 471
Delta R.T. 0.01 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Tgt Ion: 43 Resp: 106128
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 18.096 ug/l

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

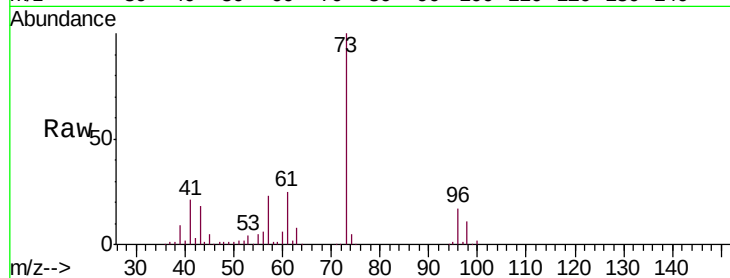
VU0904WBS01

Tgt Ion: 73 Resp: 231953

Ion Ratio Lower Upper

73 100

57 22.7 18.3 27.5



Abundance Ion 73.00 (72.70 to 73.70): VU034018.D (-569) (-)

Ion 57.00 (56.70 to 57.70): VU034018.D (-569) (-)

2.98

120000

100000

80000

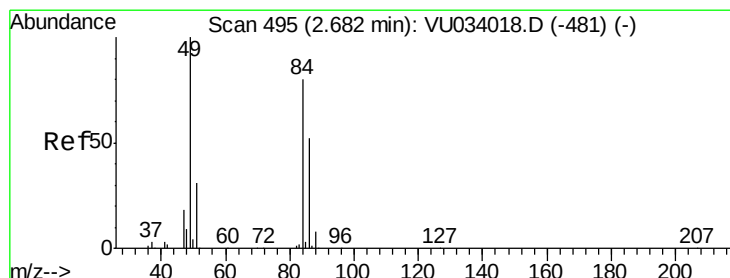
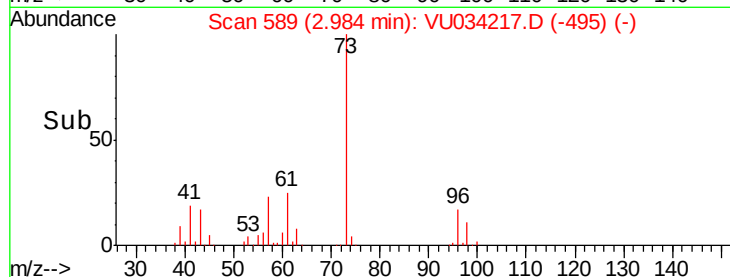
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 17.378 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Tgt Ion: 84 Resp: 84052

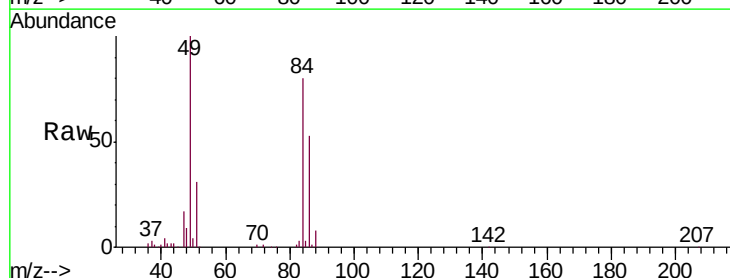
Ion Ratio Lower Upper

84 100

49 125.2 100.2 150.4

51 38.5 30.8 46.2

86 66.5 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034018.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VU034018.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VU034018.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VU034018.D (-481) (-)

2.69

80000

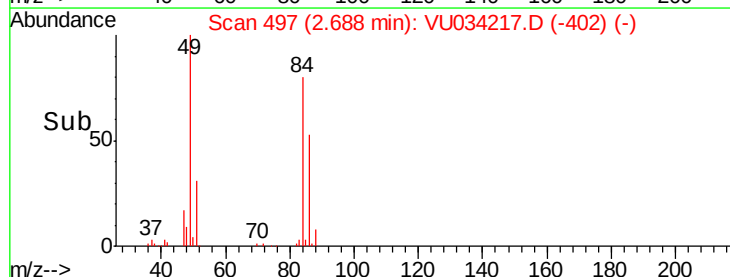
60000

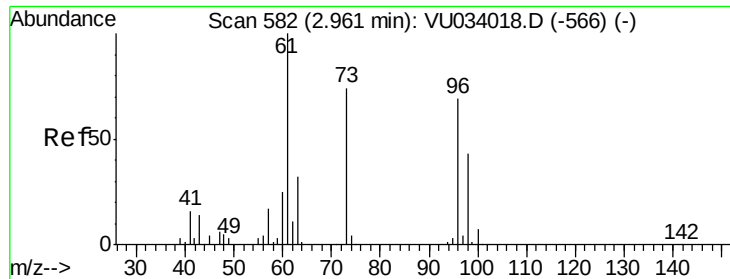
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 17.110 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBS01

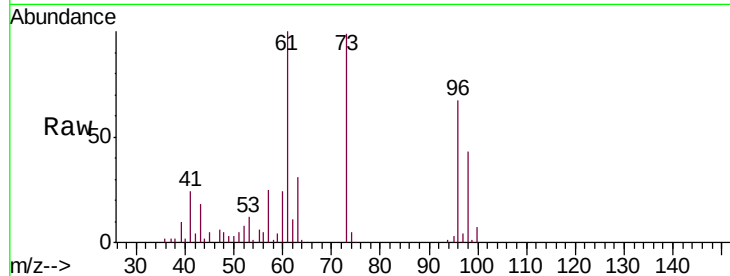
Tgt Ion: 96 Resp: 72641

Ion Ratio Lower Upper

96 100

61 148.2 115.5 173.3

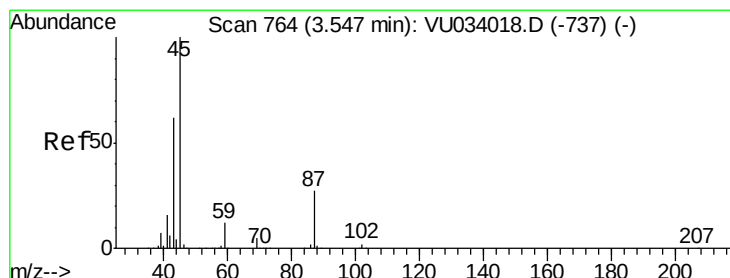
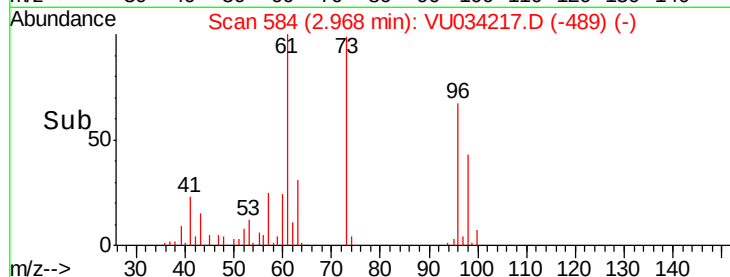
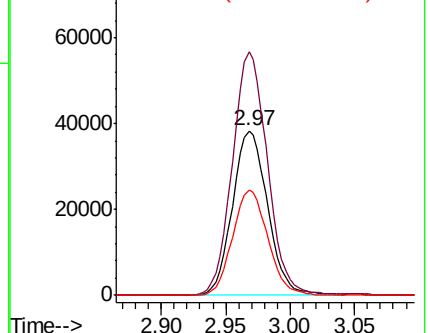
98 64.0 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VU034018.D (-566) (-)

Ion 60.90 (60.60 to 61.60): VU034018.D (-566) (-)

Ion 97.90 (97.60 to 98.60): VU034018.D (-566) (-)



#22

Diisopropyl ether

Concen: 18.536 ug/l

RT: 3.55 min Scan# 766

Delta R.T. 0.01 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Tgt Ion: 45 Resp: 249827

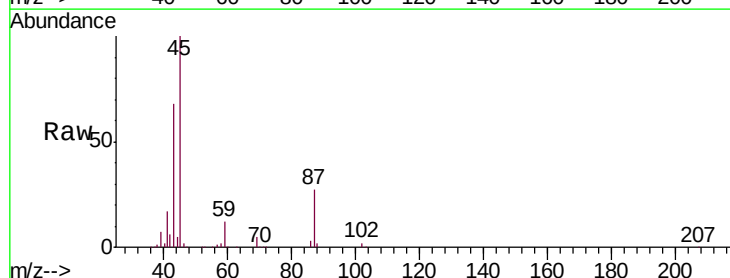
Ion Ratio Lower Upper

45 100

43 67.1 49.7 74.5

87 27.0 21.8 32.8

59 11.8 9.3 13.9

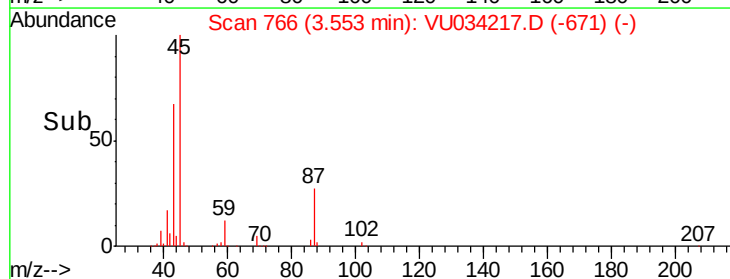
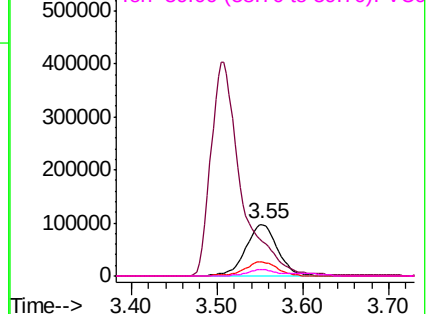


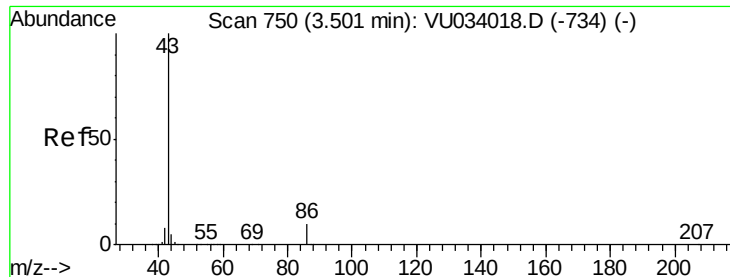
Abundance Ion 45.00 (44.70 to 45.70): VU034018.D (-737) (-)

Ion 43.00 (42.70 to 43.70): VU034018.D (-737) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-737) (-)

Ion 59.00 (58.70 to 59.70): VU034018.D (-737) (-)





#23

Vinyl Acetate

Concen: 86.255 ug/l

RT: 3.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

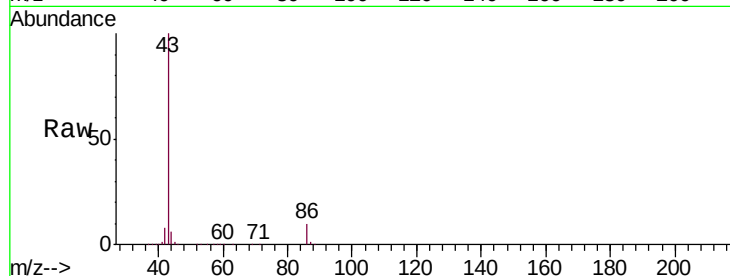
VU0904WBS01

Tgt Ion: 43 Resp: 998648

Ion Ratio Lower Upper

43 100

86 10.0 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-734) (-)

Ion 86.00 (85.70 to 86.70): VU034018.D (-734) (-)

3.51

400000

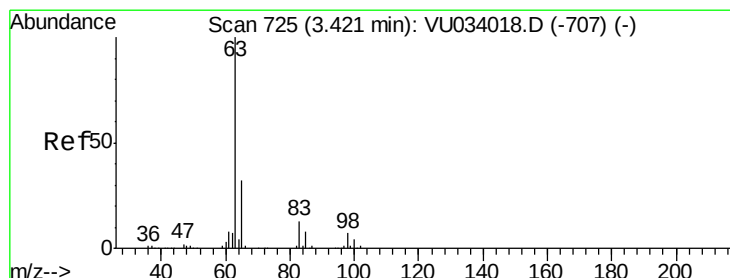
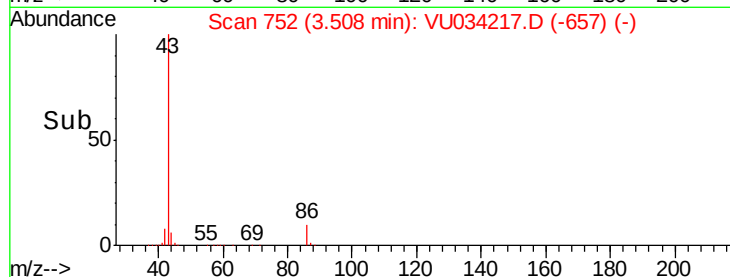
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.215 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.01 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

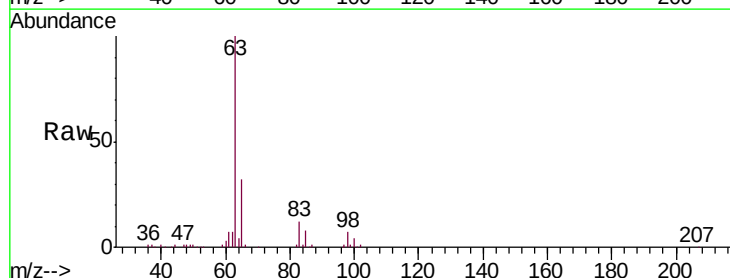
Tgt Ion: 63 Resp: 144936

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU034018.D (-707) (-)

Ion 97.90 (97.60 to 98.60): VU034018.D (-707) (-)

Ion 99.90 (99.60 to 100.60): VU034018.D (-707) (-)

3.43

80000

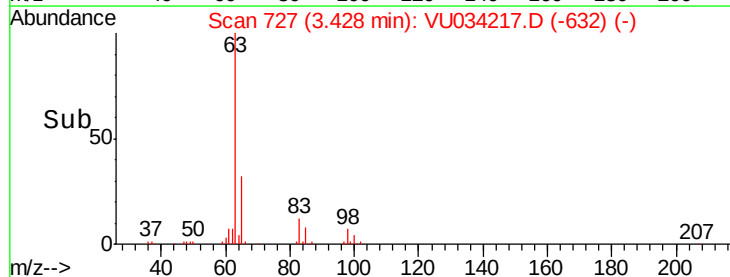
60000

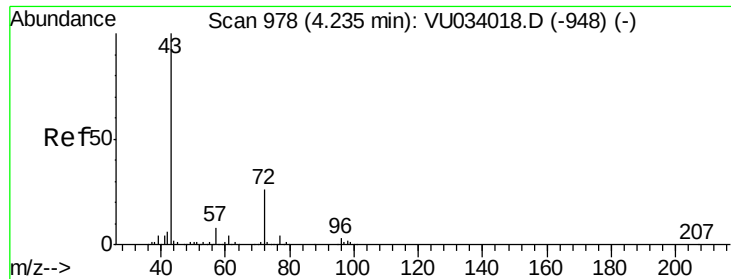
40000

20000

0

Time-->





#25

2-Butanone

Concen: 82.997 ug/l

RT: 4.24 min Scan# 980

Delta R.T. 0.01 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

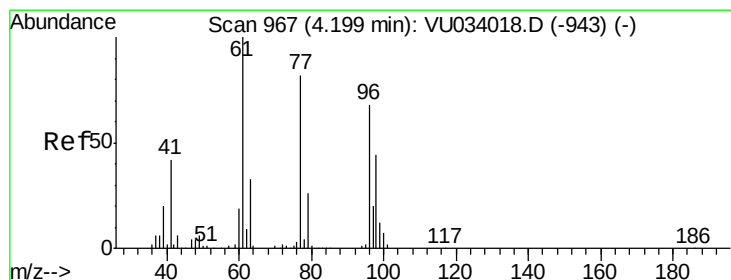
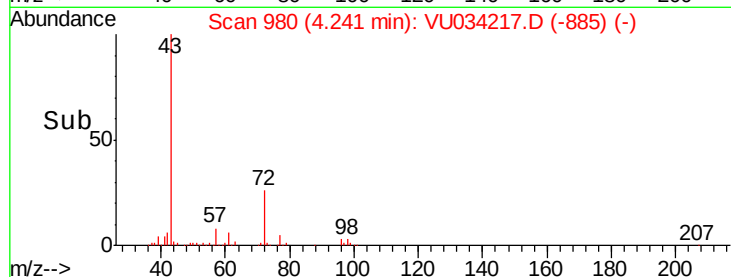
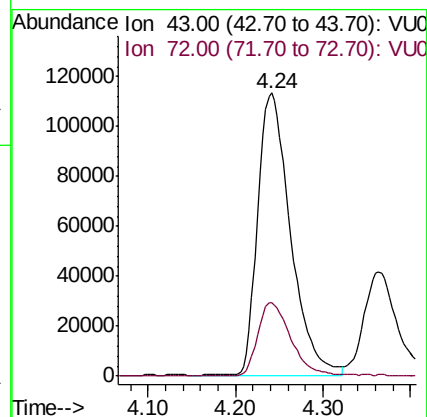
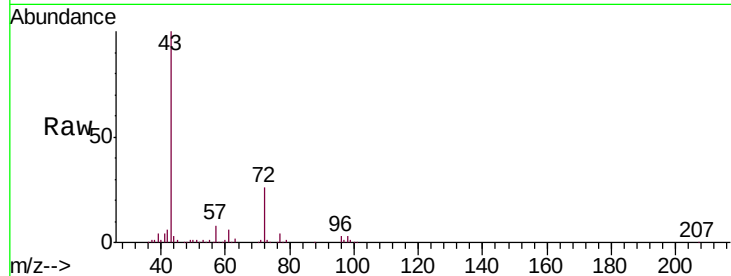
VU0904WBS01

Tgt Ion: 43 Resp: 295009

Ion Ratio Lower Upper

43 100

72 26.1 21.2 31.8



#26

2,2-Dichloropropane

Concen: 17.670 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034217.D

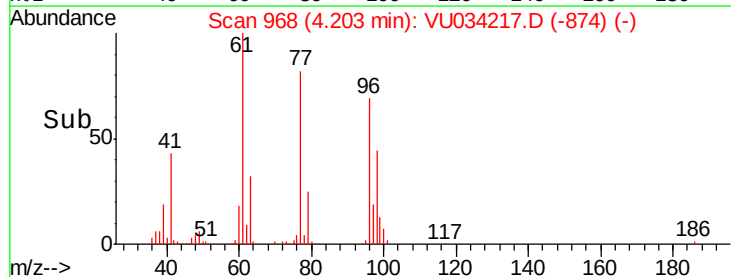
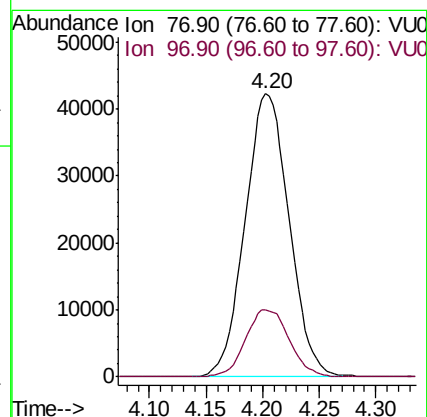
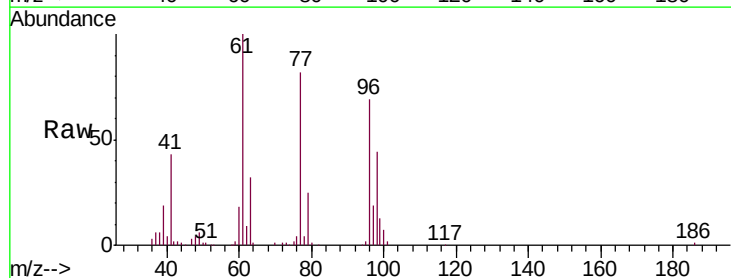
Acq: 03 Sep 2019 11:09

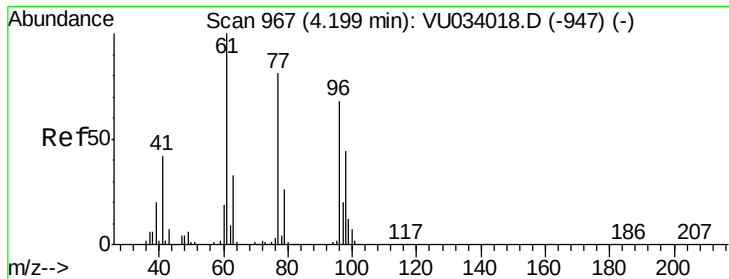
Tgt Ion: 77 Resp: 114408

Ion Ratio Lower Upper

77 100

97 23.6 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 17.964 ug/l

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBS01

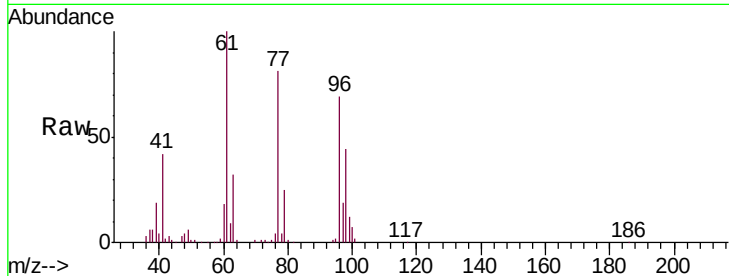
Tgt Ion: 96 Resp: 85607

Ion Ratio Lower Upper

96 100

61 151.2 0.0 303.0

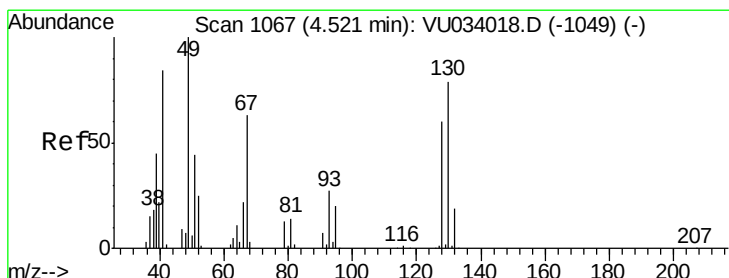
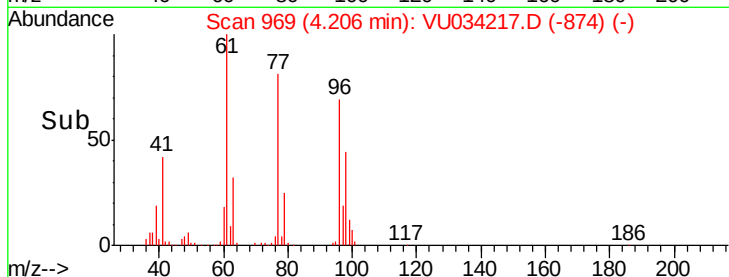
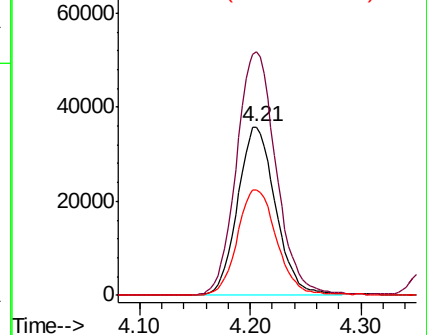
98 65.0 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VU034018.D (-947) (-)

Ion 60.90 (60.60 to 61.60): VU034018.D (-947) (-)

Ion 97.90 (97.60 to 98.60): VU034018.D (-947) (-)



#28

Bromochloromethane

Concen: 19.110 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

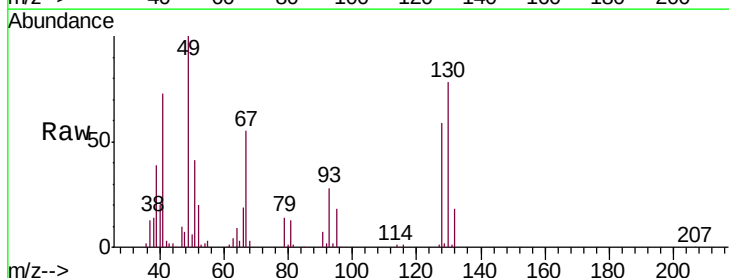
Tgt Ion: 49 Resp: 74917

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.6

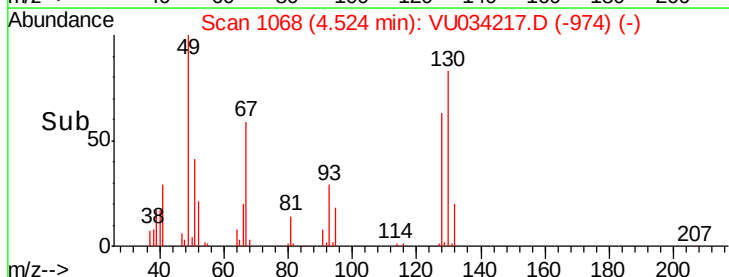
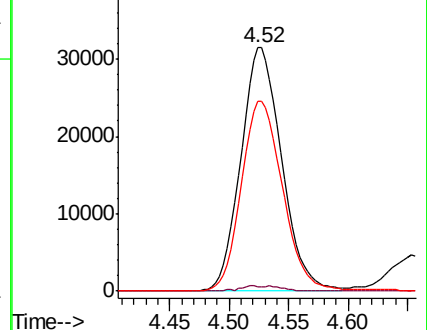
130 78.9 62.8 94.2

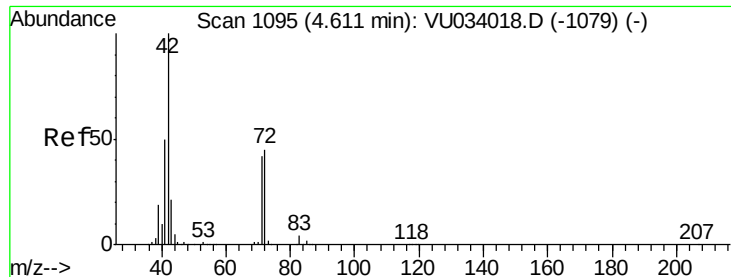


Abundance Ion 48.90 (48.60 to 49.60): VU034018.D (-1049) (-)

Ion 128.80 (128.50 to 129.50): VU034018.D (-1049) (-)

Ion 129.80 (129.50 to 130.50): VU034018.D (-1049) (-)

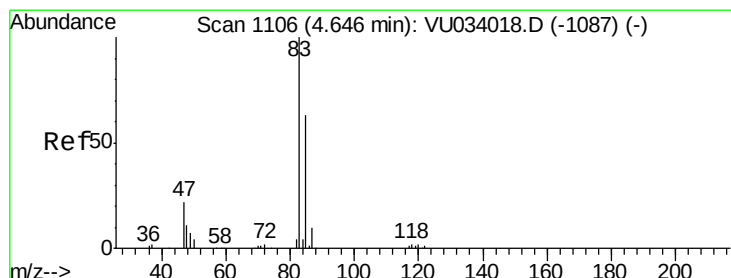
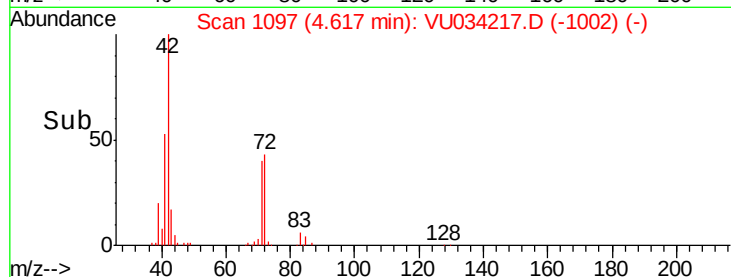
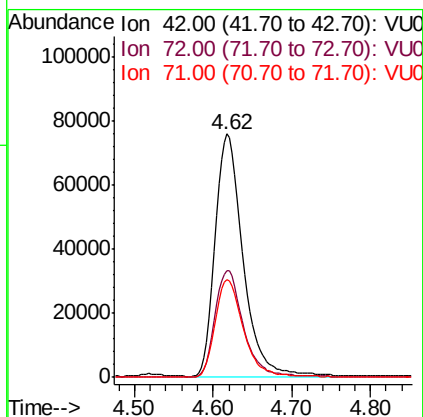
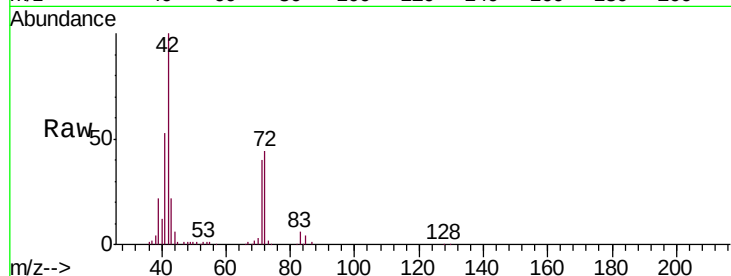




#29
Tetrahydrofuran
Concen: 84.743 ug/l
RT: 4.62 min Scan# 1097
Delta R.T. 0.01 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

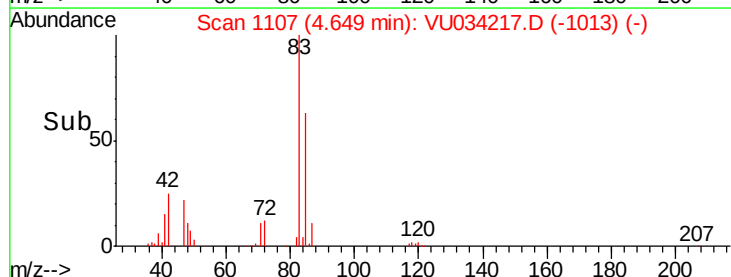
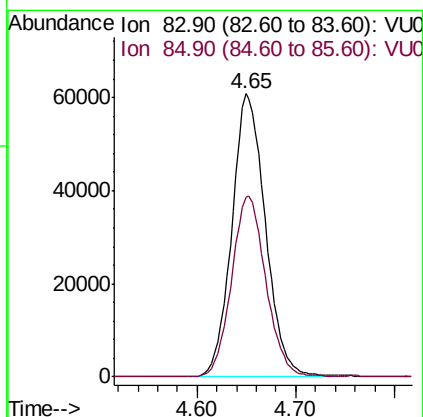
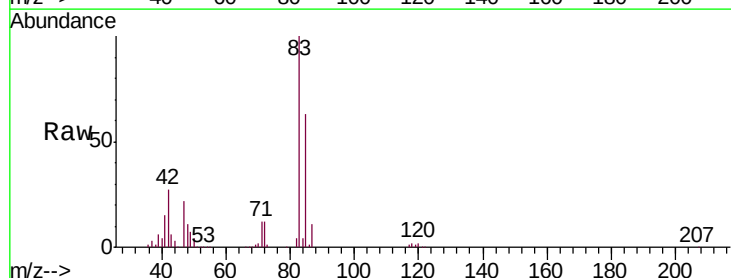
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBS01

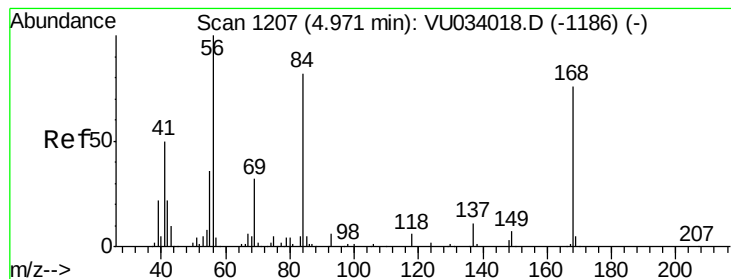
Tgt Ion: 42 Resp: 185758
Ion Ratio Lower Upper
42 100
72 44.9 35.8 53.6
71 40.6 34.0 51.0



#30
Chloroform
Concen: 18.088 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Tgt Ion: 83 Resp: 143599
Ion Ratio Lower Upper
83 100
85 63.3 50.7 76.1





#31

Cyclohexane

Concen: 16.297 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBS01

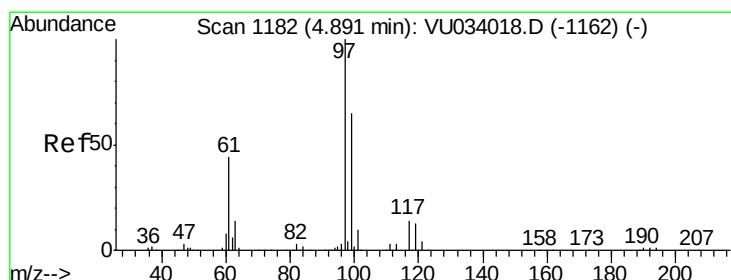
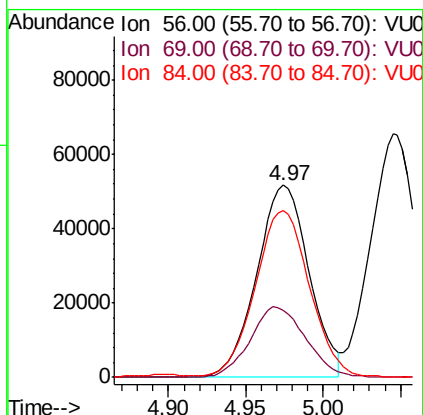
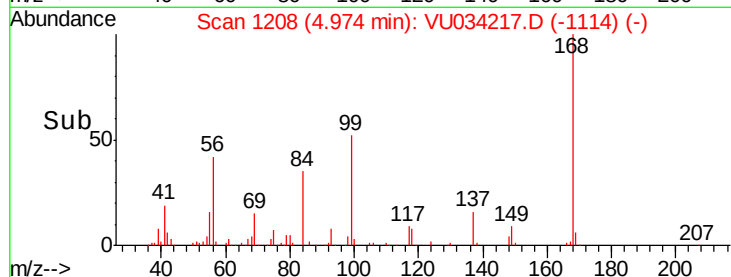
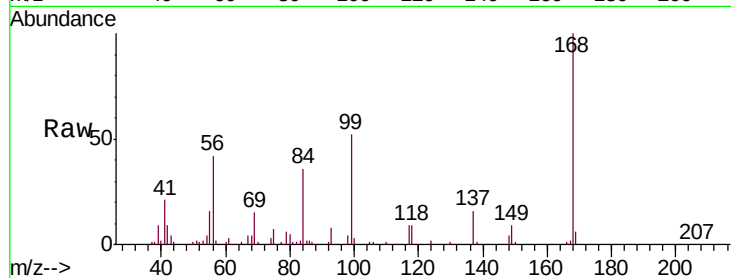
Tgt Ion: 56 Resp: 121850

Ion Ratio Lower Upper

56 100

69 35.2 25.4 38.0

84 86.1 65.8 98.8



#32

1,1,1-Trichloroethane

Concen: 18.117 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

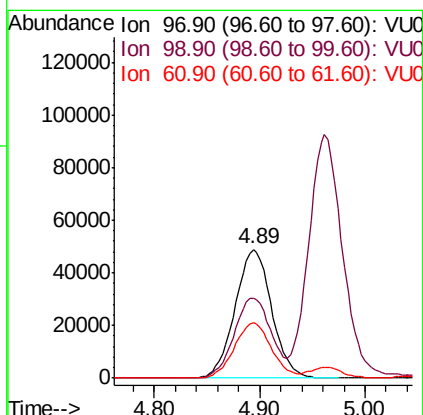
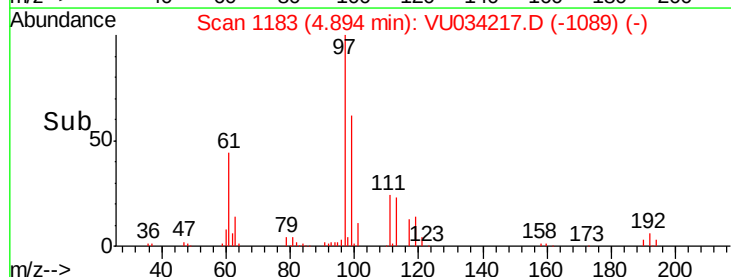
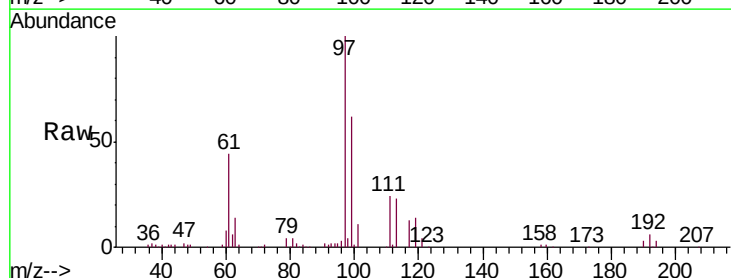
Tgt Ion: 97 Resp: 117796

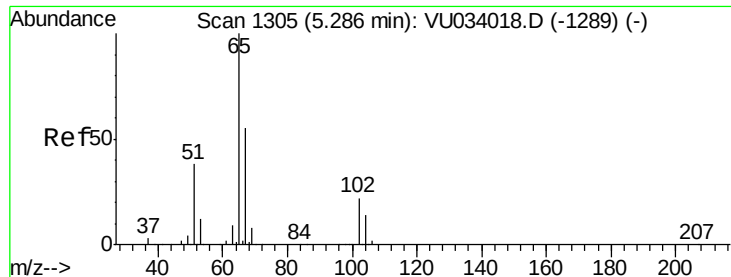
Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.6

61 43.7 35.3 52.9

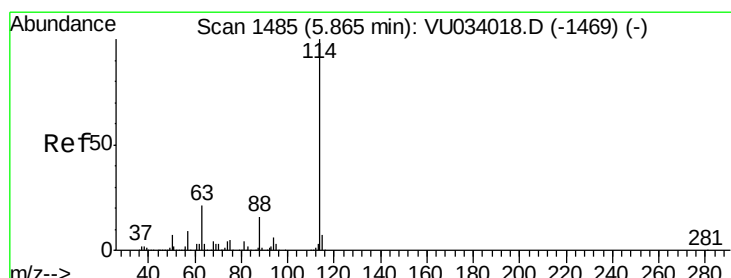
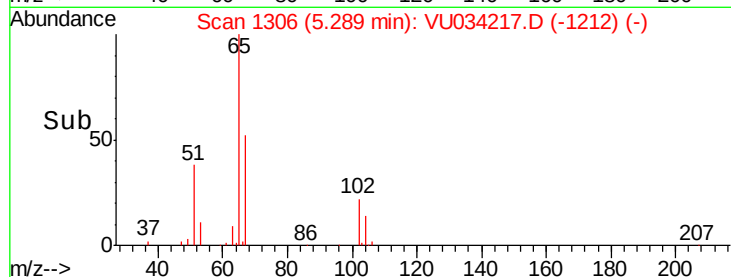
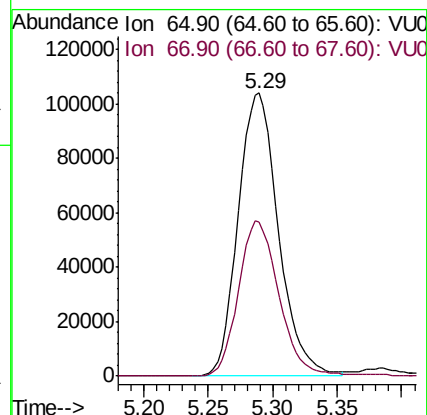
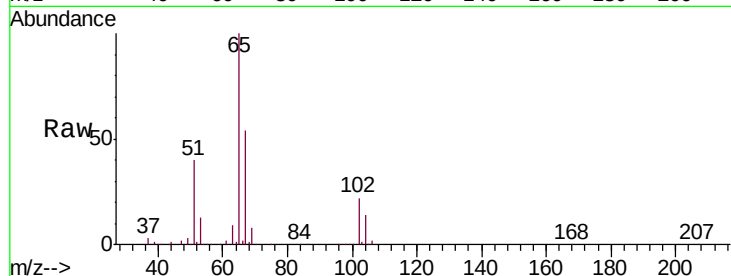




#33
 1,2-Dichloroethane-d4
 Concen: 45.150 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

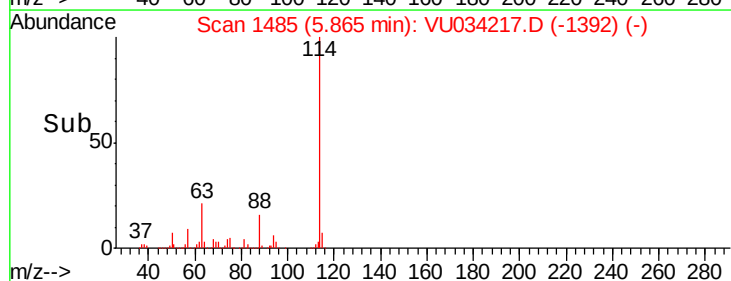
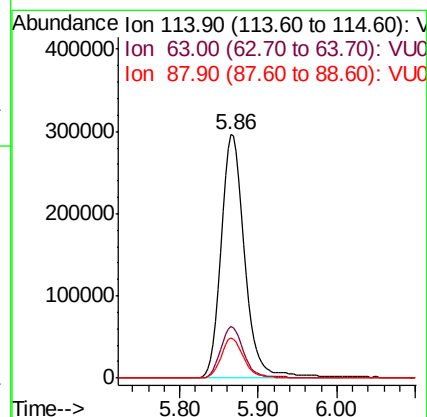
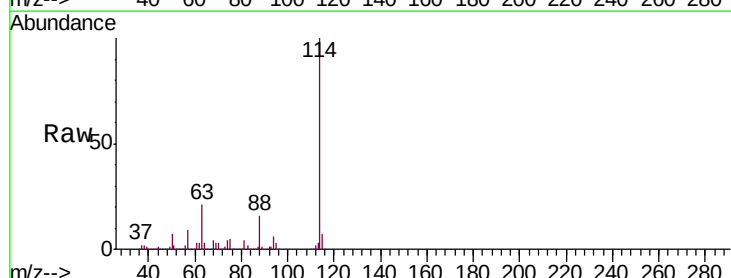
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBS01

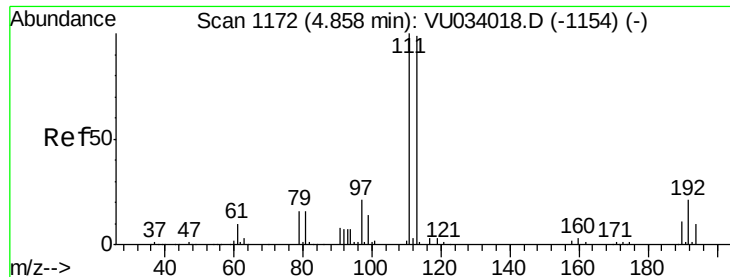
Tgt Ion: 65 Resp: 226070
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

Tgt Ion: 114 Resp: 614060
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.0
 88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 45.521 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBS01

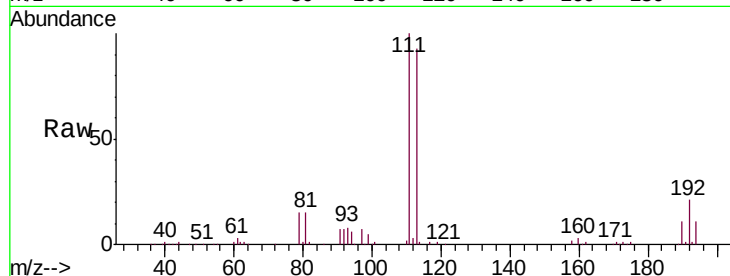
Tgt Ion: 113 Resp: 193879

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

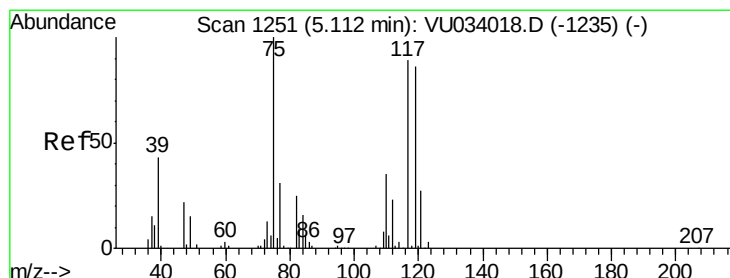
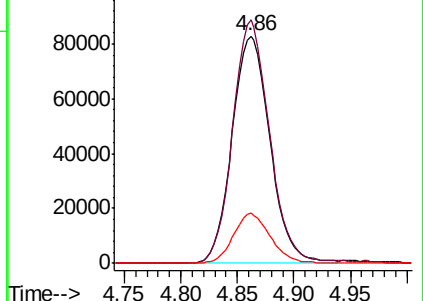
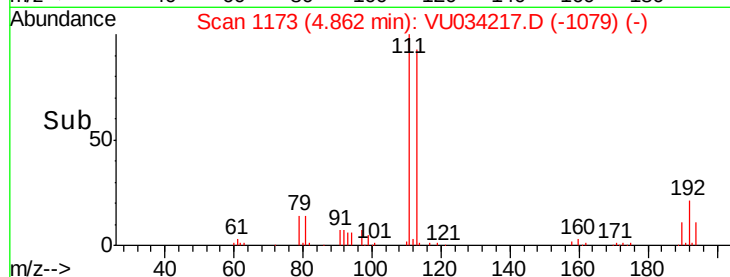
192 21.5 17.1 25.7



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: 17.314 ug/l

RT: 5.12 min Scan# 1253

Delta R.T. 0.01 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

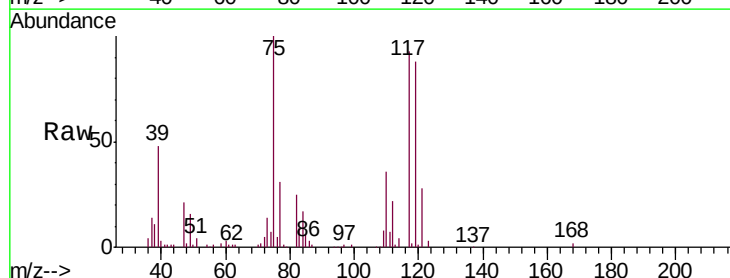
Tgt Ion: 75 Resp: 100562

Ion Ratio Lower Upper

75 100

110 36.0 17.8 53.5

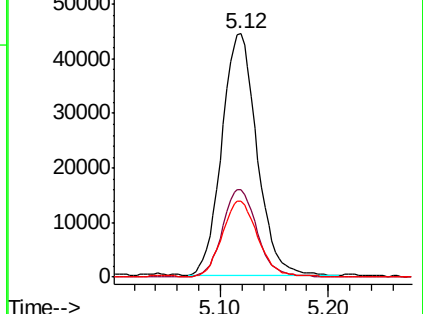
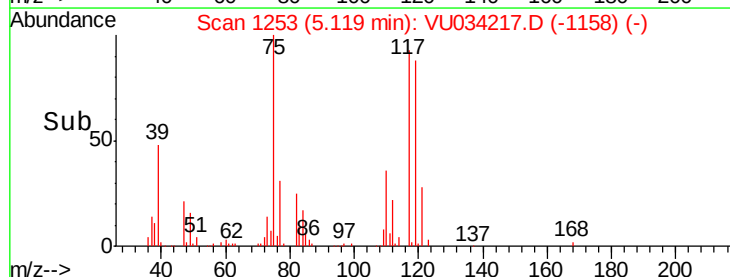
77 32.1 25.0 37.4

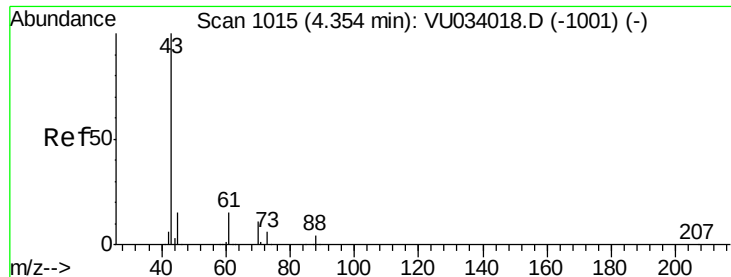


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

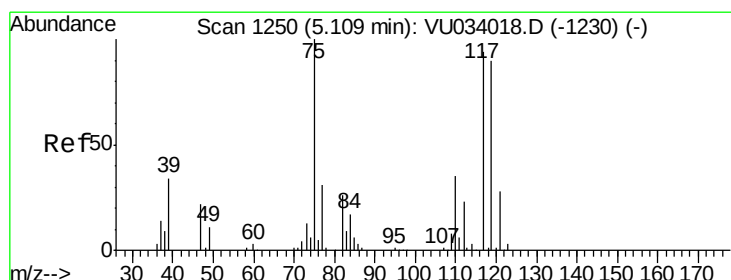
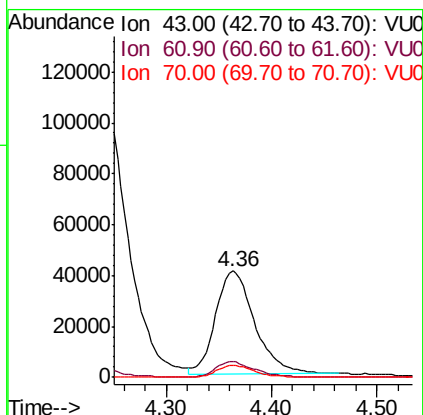
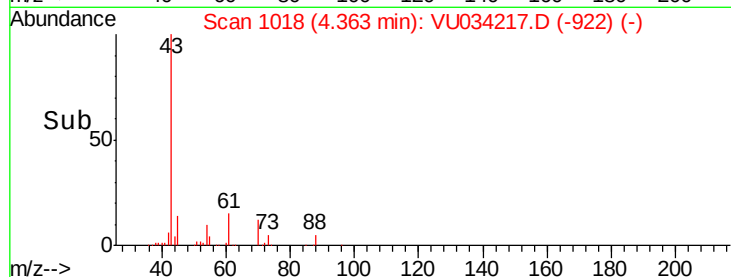
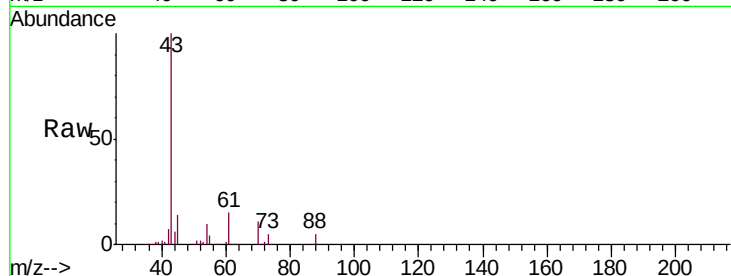




#37
Ethyl Acetate
Concen: 16.193 ug/l
RT: 4.36 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

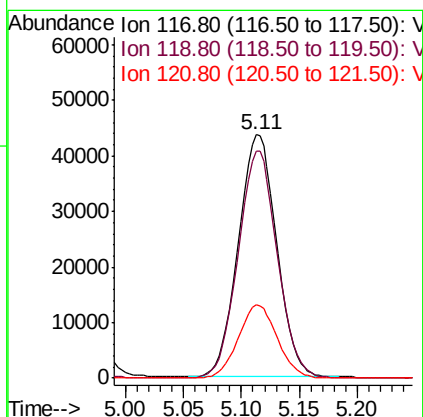
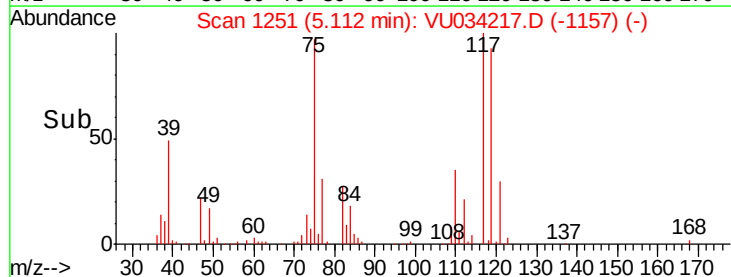
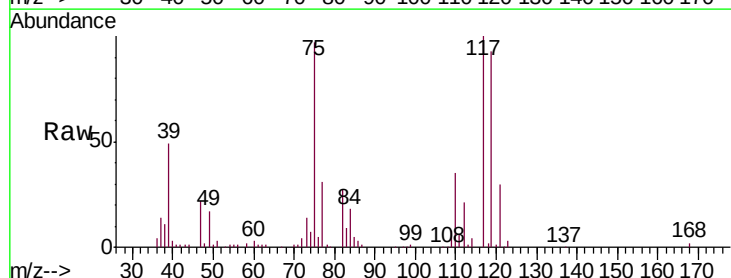
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBS01

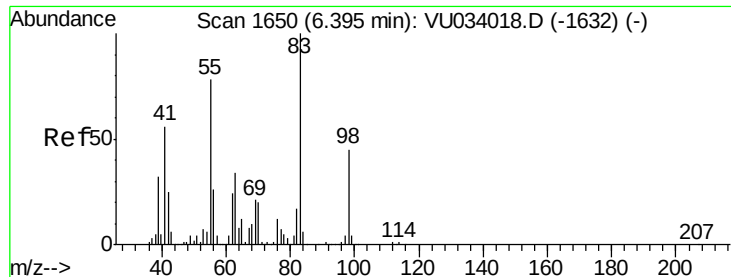
Tgt Ion: 43 Resp: 105324
Ion Ratio Lower Upper
43 100
61 15.8 11.5 17.3
70 11.1 8.6 12.8



#38
Carbon Tetrachloride
Concen: 17.873 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Tgt Ion: 117 Resp: 100202
Ion Ratio Lower Upper
117 100
119 93.5 77.0 115.4
121 30.3 23.9 35.9

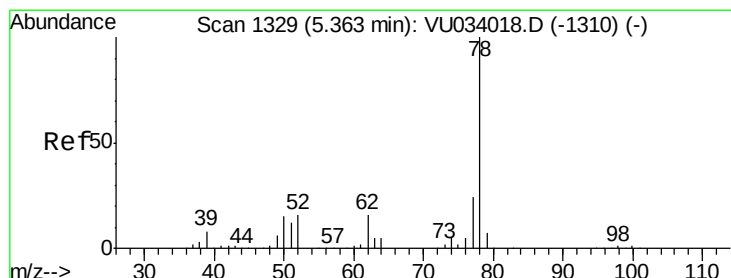
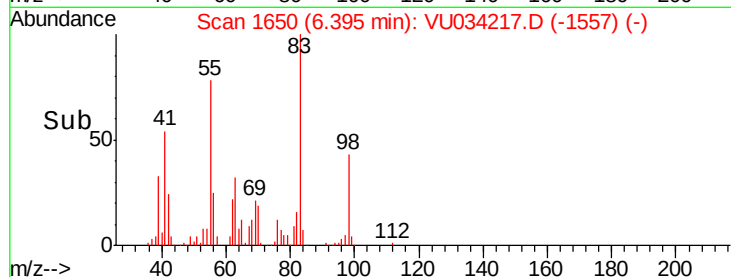
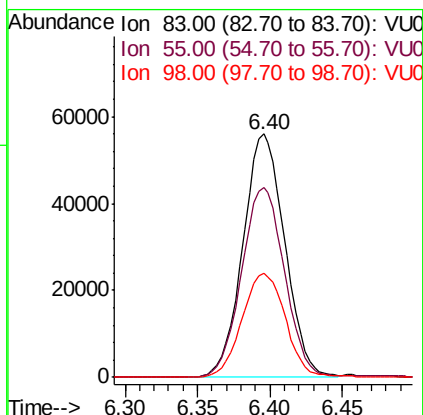
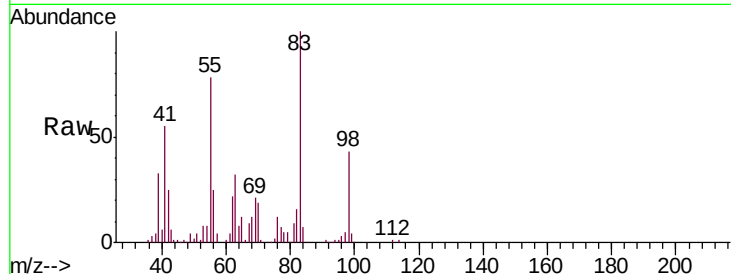




#39
Methylcyclohexane
Concen: 16.452 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

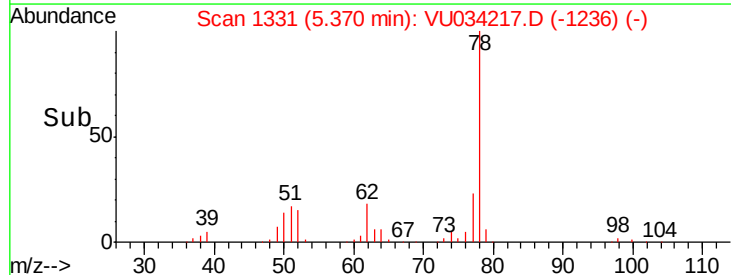
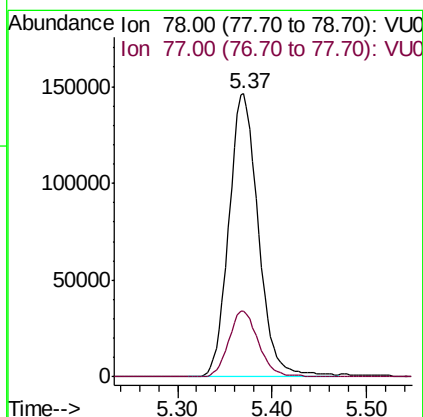
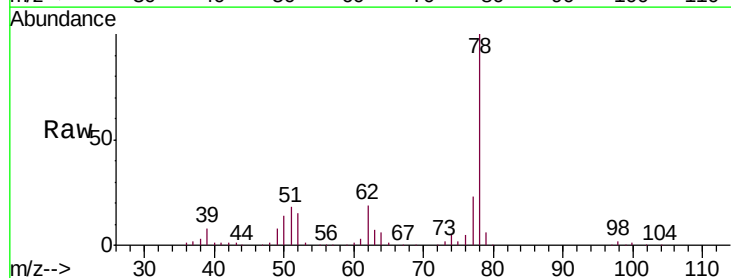
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBS01

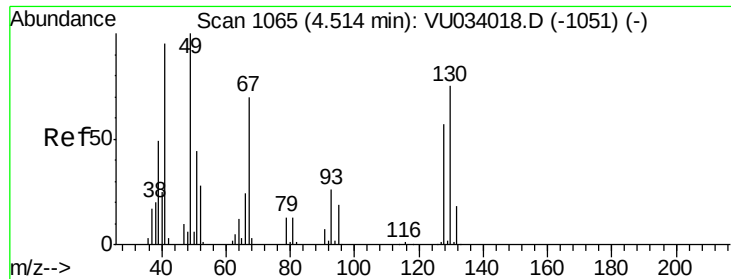
Tgt Ion: 83 Resp: 112626
Ion Ratio Lower Upper
83 100
55 78.0 62.3 93.5
98 42.5 36.2 54.2



#40
Benzene
Concen: 18.088 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Tgt Ion: 78 Resp: 317853
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#41

Methacrylonitrile

Concen: 16.638 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBS01

Tgt Ion: 41 Resp: 55501

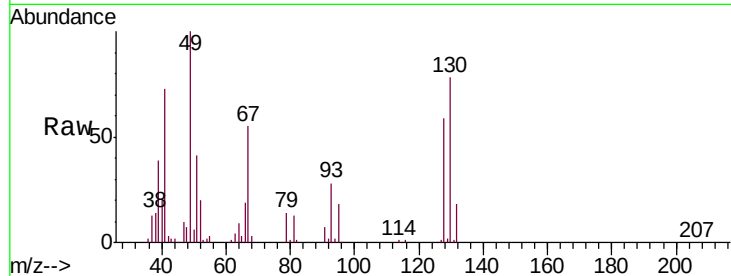
Ion Ratio Lower Upper

41 100

39 53.6 42.1 63.1

67 79.9 61.0 91.4

52 27.2 23.3 34.9

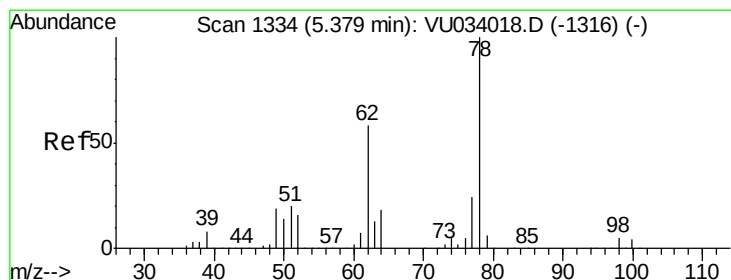
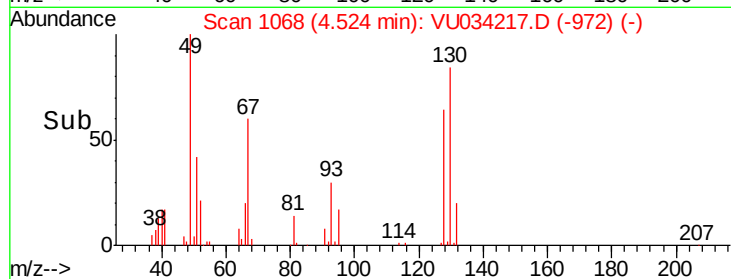
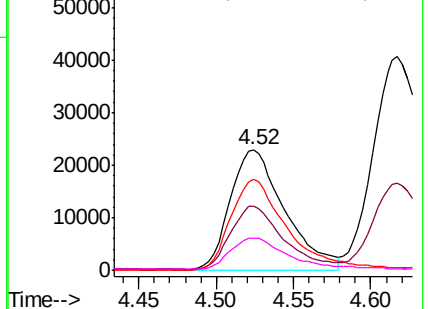


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 18.038 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU034217.D

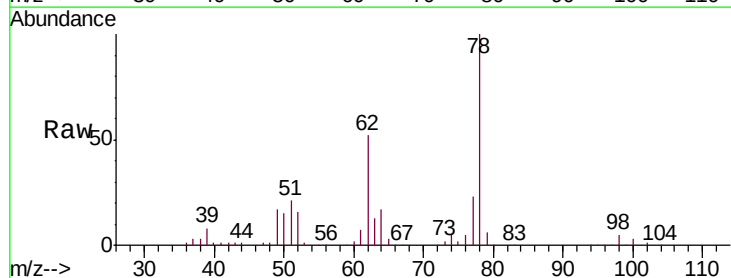
Acq: 03 Sep 2019 11:09

Tgt Ion: 62 Resp: 109462

Ion Ratio Lower Upper

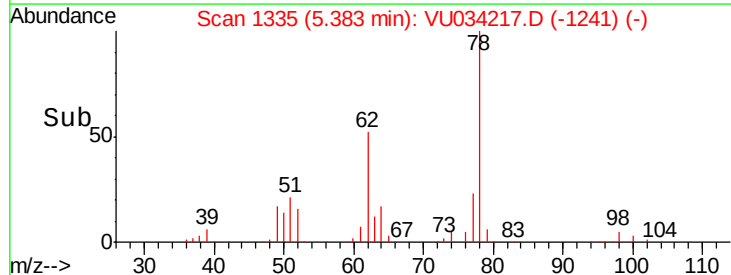
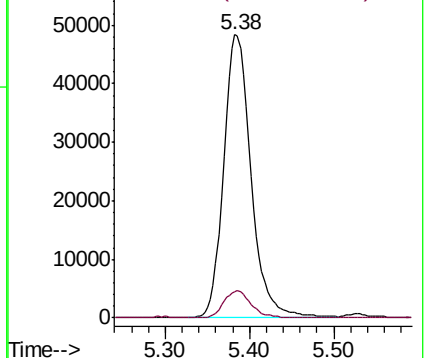
62 100

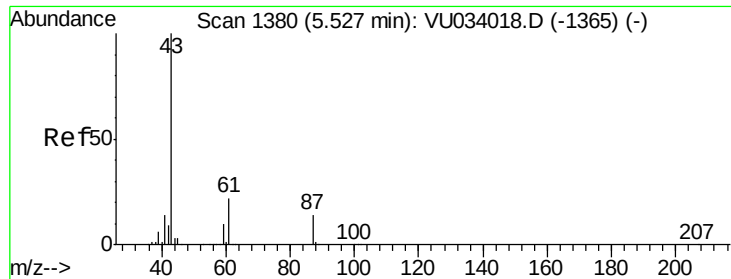
98 9.7 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 16.284 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBS01

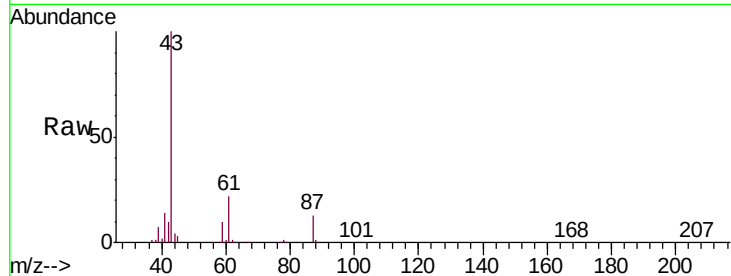
Tgt Ion: 43 Resp: 161129

Ion Ratio Lower Upper

43 100

61 21.6 17.2 25.8

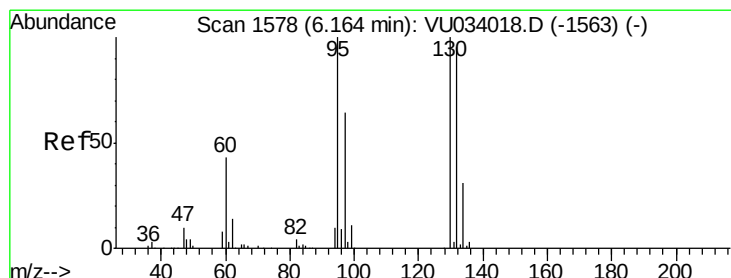
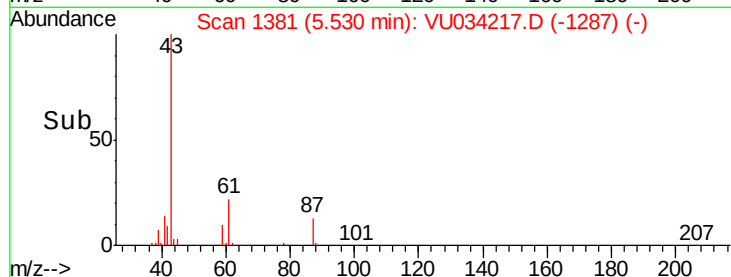
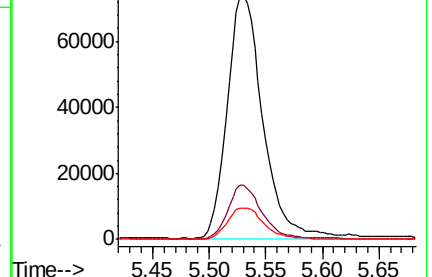
87 13.6 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU034018.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-1365) (-)



#44

Trichloroethene

Concen: 18.217 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034217.D

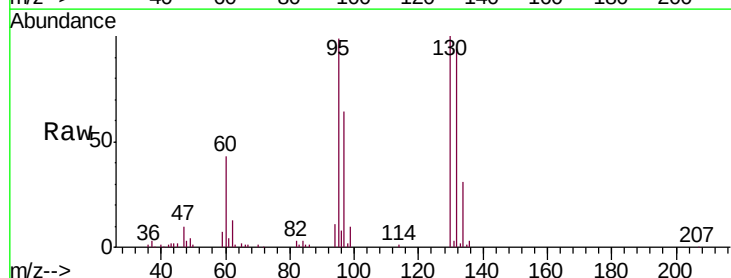
Acq: 03 Sep 2019 11:09

Tgt Ion: 130 Resp: 84066

Ion Ratio Lower Upper

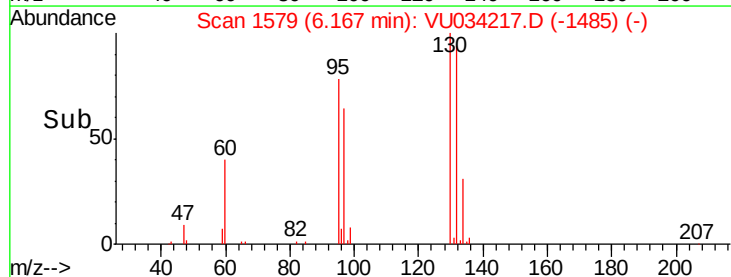
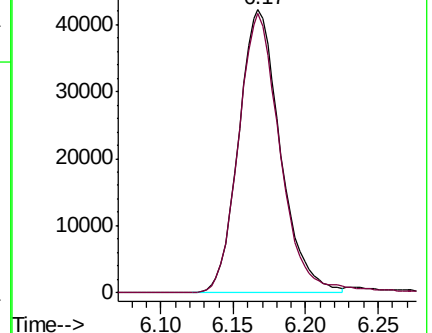
130 100

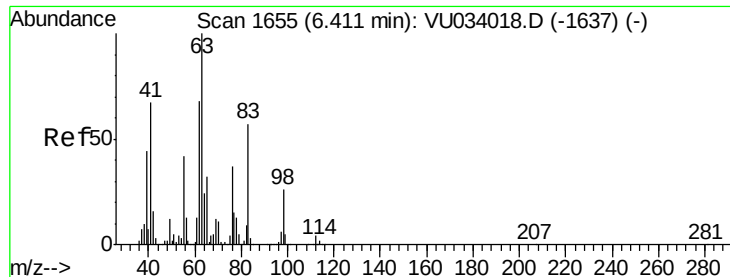
95 98.6 0.0 199.6



Abundance Ion 129.80 (129.50 to 130.50): VU034018.D (-1563) (-)

Ion 94.90 (94.60 to 95.60): VU034018.D (-1563) (-)

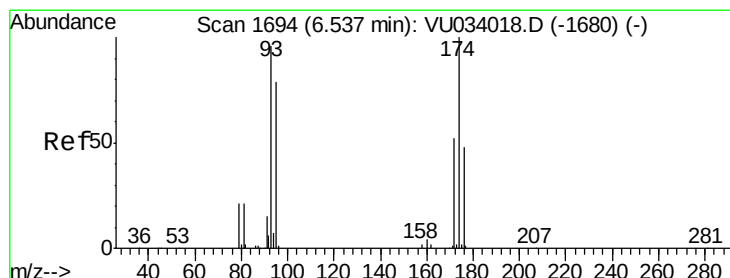
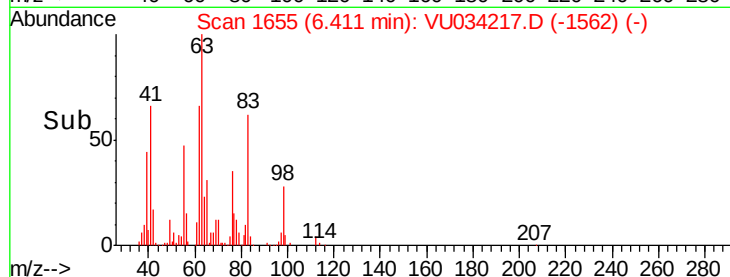
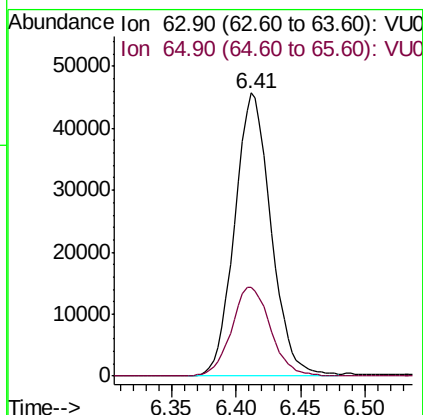
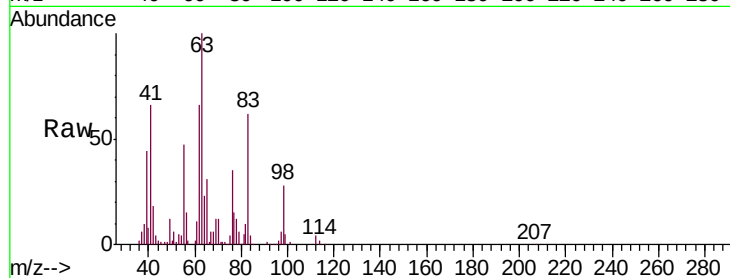




#45
 1,2-Dichloropropane
 Concen: 18.561 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

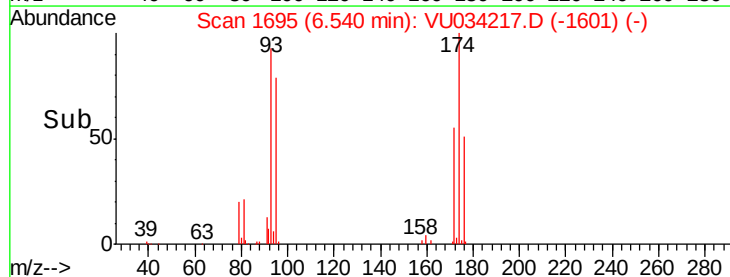
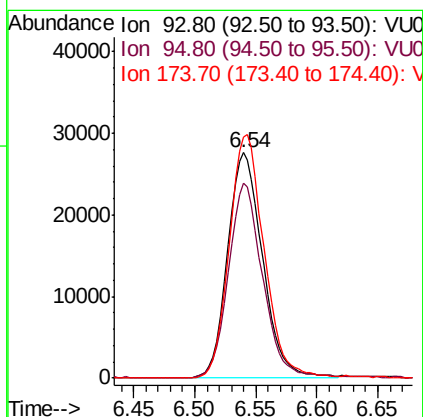
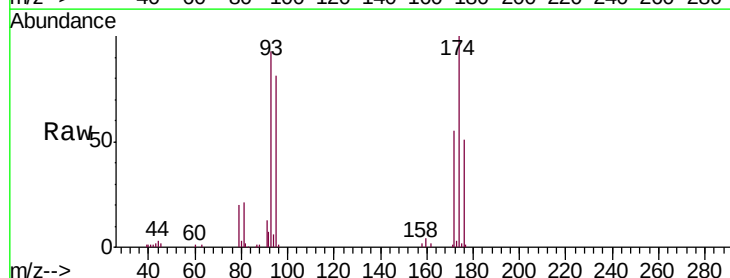
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBS01

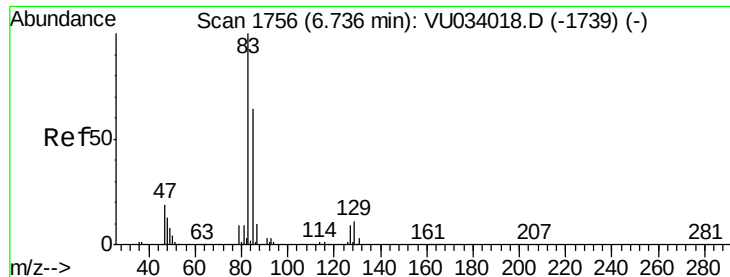
Tgt Ion: 63 Resp: 89788
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.4 38.2



#46
 Dibromomethane
 Concen: 17.767 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

Tgt Ion: 93 Resp: 55371
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.7 100.1
 174 107.1 84.9 127.3





#47

Bromodichloromethane

Concen: 17.838 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBS01

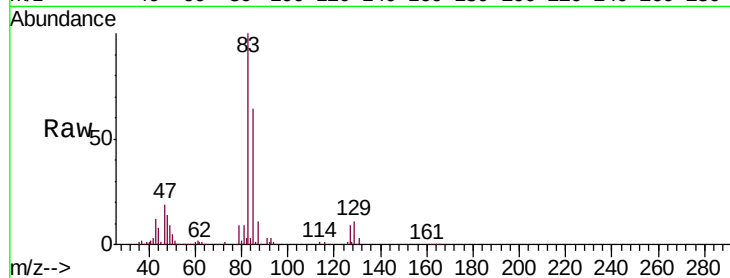
Tgt Ion: 83 Resp: 108769

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8

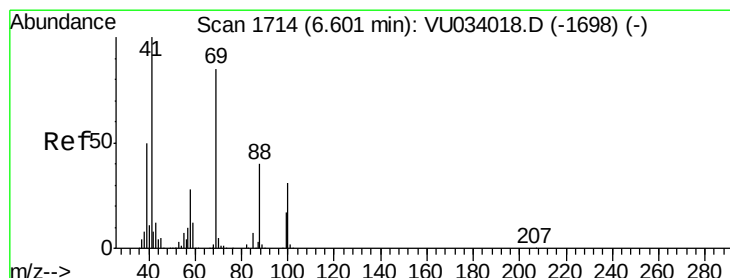
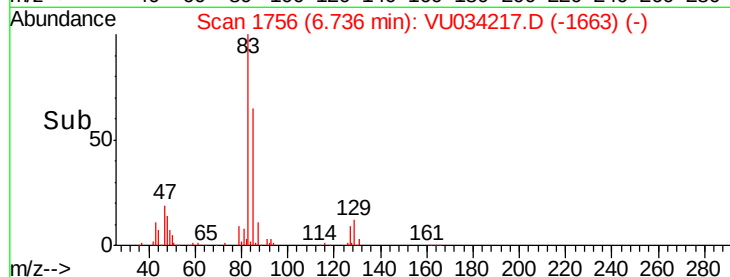
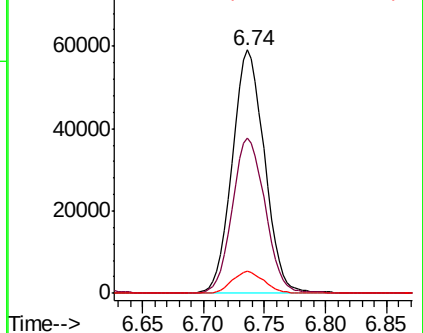
127 9.0 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU034018.D (-1739) (-)

Ion 84.90 (84.60 to 85.60): VU034018.D (-1739) (-)

Ion 126.80 (126.50 to 127.50): VU034018.D (-1739) (-)



#48

Methyl methacrylate

Concen: 15.813 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

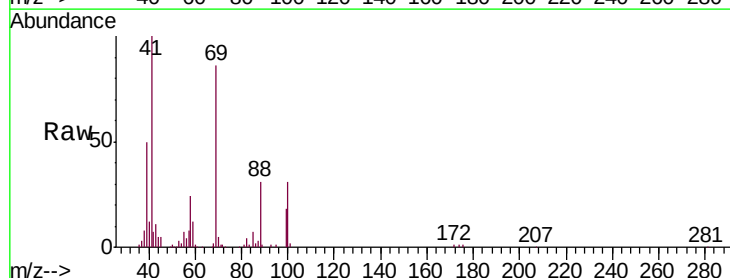
Tgt Ion: 41 Resp: 75506

Ion Ratio Lower Upper

41 100

69 89.7 69.5 104.3

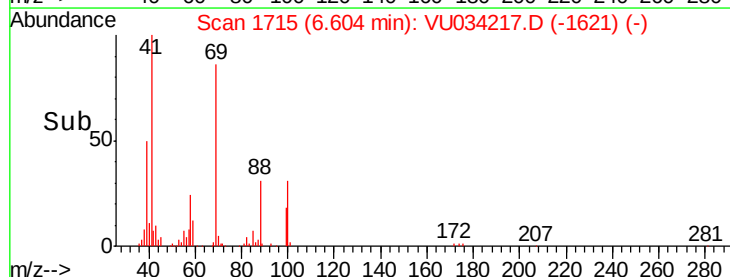
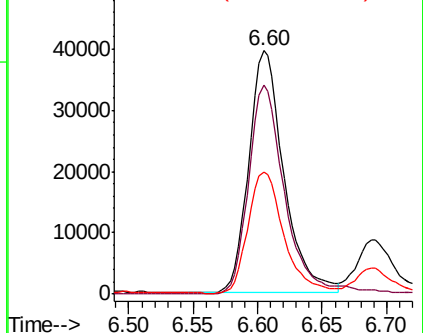
39 51.1 40.3 60.5

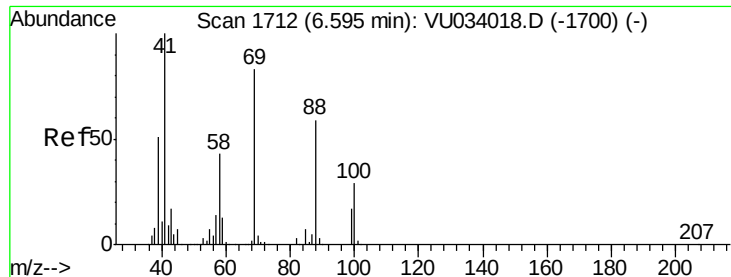


Abundance Ion 41.00 (40.70 to 41.70): VU034018.D (-1698) (-)

Ion 69.00 (68.70 to 69.70): VU034018.D (-1698) (-)

Ion 39.00 (38.70 to 39.70): VU034018.D (-1698) (-)

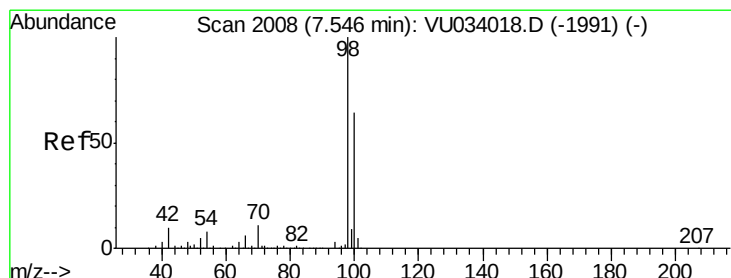
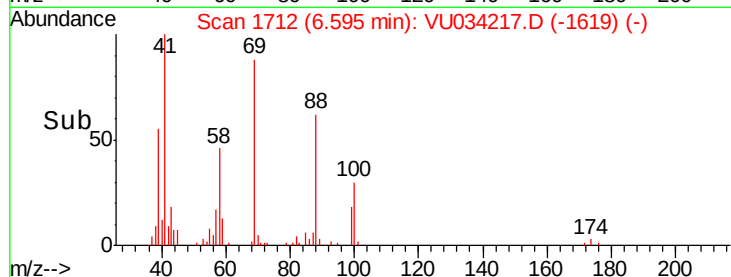
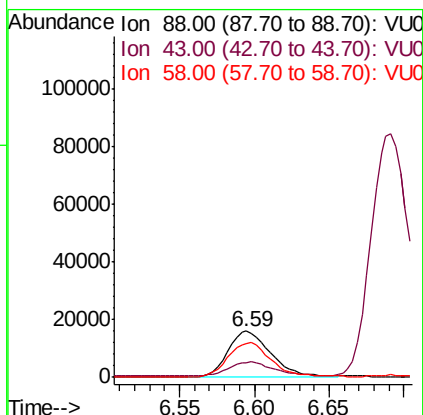
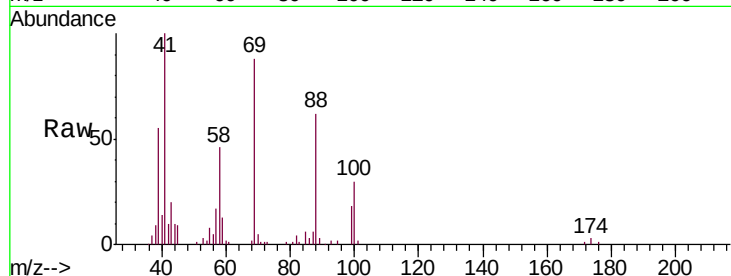




#49
1,4-Dioxane
Concen: 270.850 ug/l
RT: 6.59 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

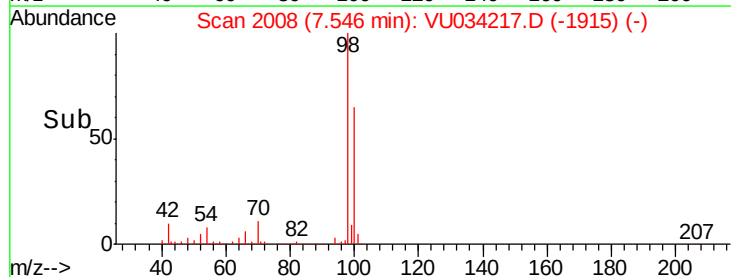
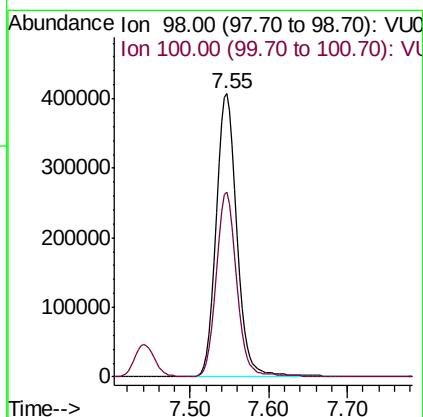
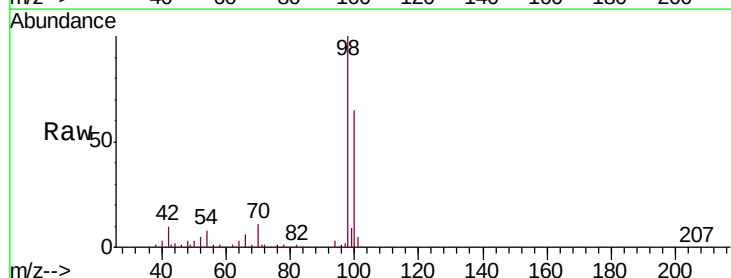
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBS01

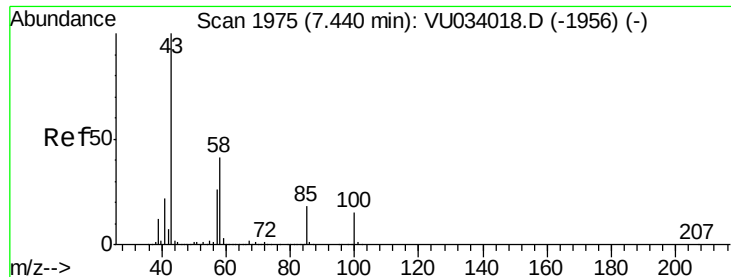
Tgt Ion: 88 Resp: 32404
Ion Ratio Lower Upper
88 100
43 31.3 24.8 37.2
58 74.8 59.3 88.9



#50
Toluene-d8
Concen: 46.400 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Tgt Ion: 98 Resp: 739960
Ion Ratio Lower Upper
98 100
100 63.9 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 80.958 ug/l

RT: 7.44 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

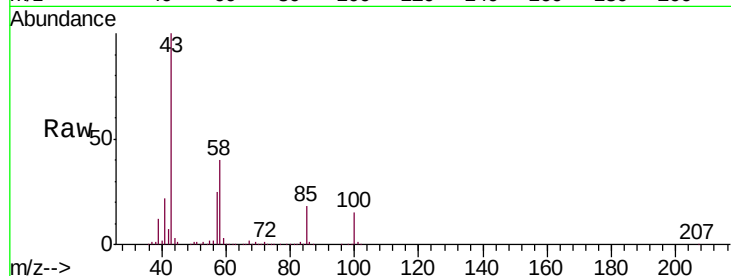
VU0904WBS01

Tgt Ion: 43 Resp: 553237

Ion Ratio Lower Upper

43 100

58 40.0 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1956) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-1956) (-)

7.44

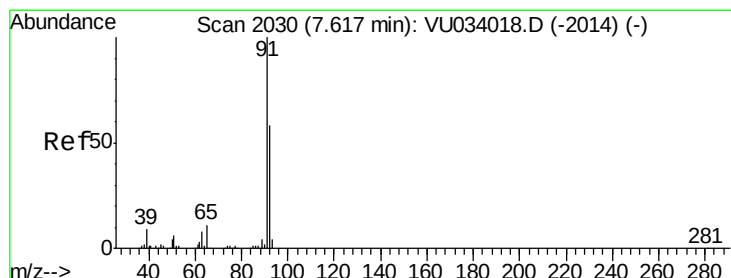
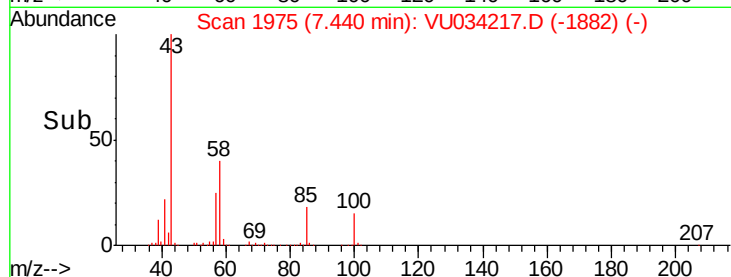
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.584 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034217.D

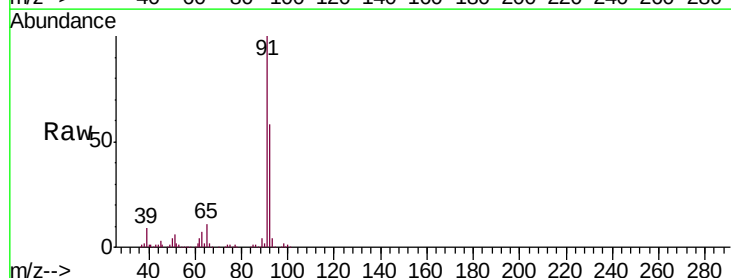
Acq: 03 Sep 2019 11:09

Tgt Ion: 92 Resp: 201183

Ion Ratio Lower Upper

92 100

91 170.9 138.3 207.5



Abundance Ion 92.00 (91.70 to 92.70): VU034018.D (-2014) (-)

Ion 91.00 (90.70 to 91.70): VU034018.D (-2014) (-)

7.62

200000

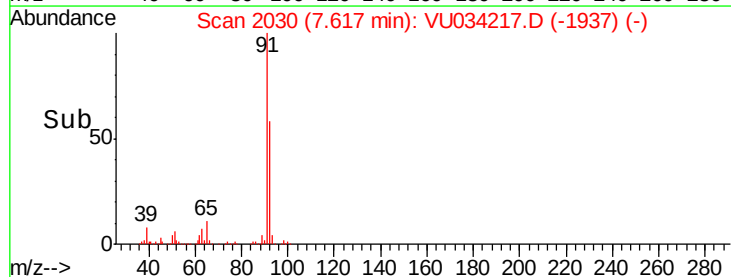
150000

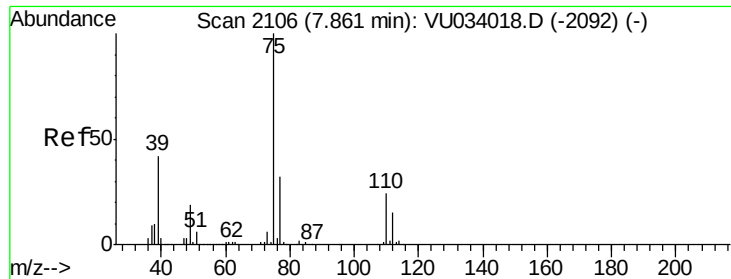
100000

50000

0

Time-->

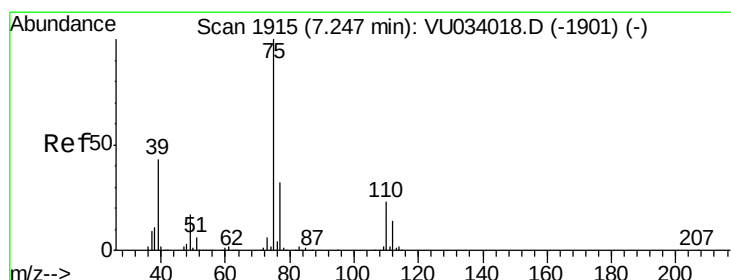
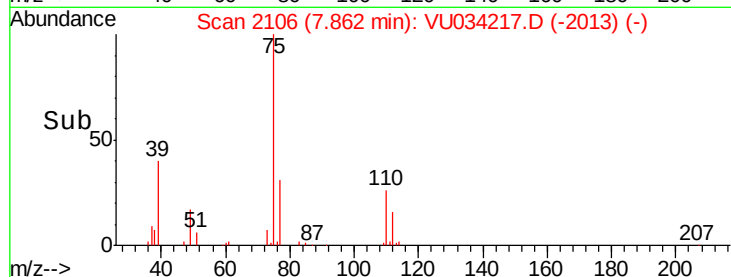
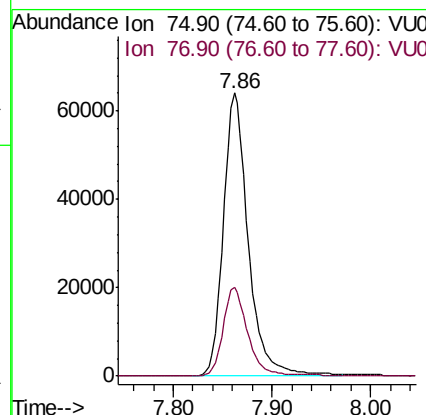
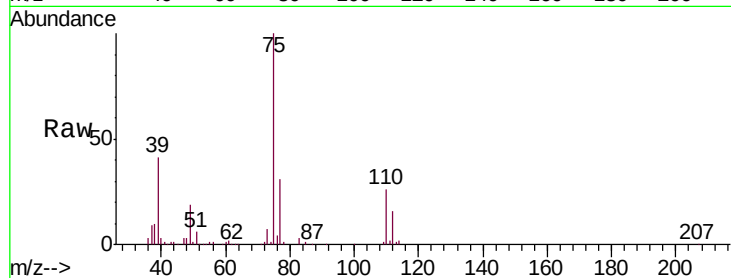




#53
t-1,3-Dichloropropene
Concen: 16.789 ug/l
RT: 7.86 min Scan# 2106
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

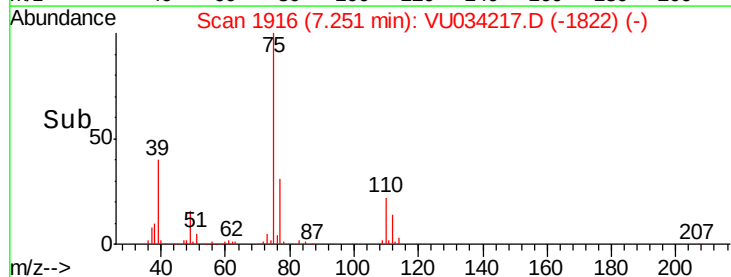
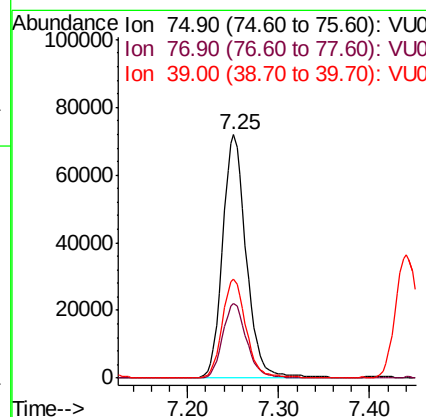
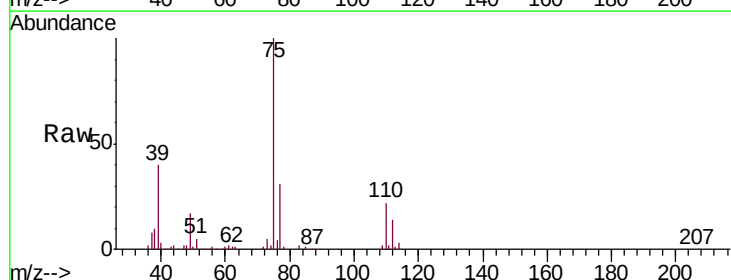
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBS01

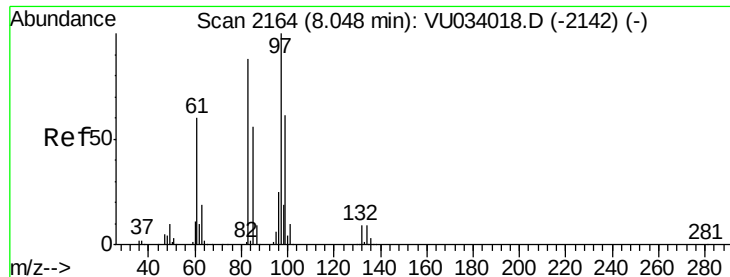
Tgt Ion: 75 Resp: 113588
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 17.580 ug/l
RT: 7.25 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Tgt Ion: 75 Resp: 129941
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 40.5 34.6 51.8

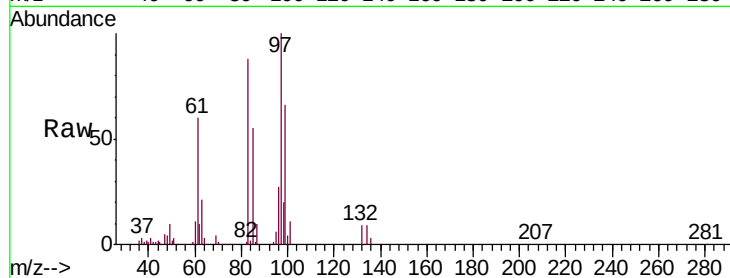




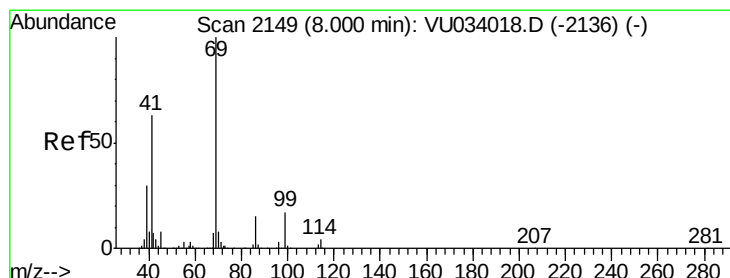
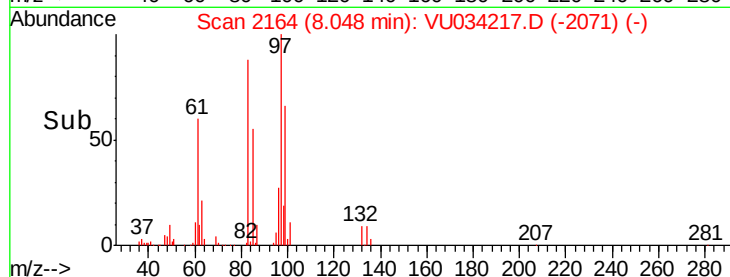
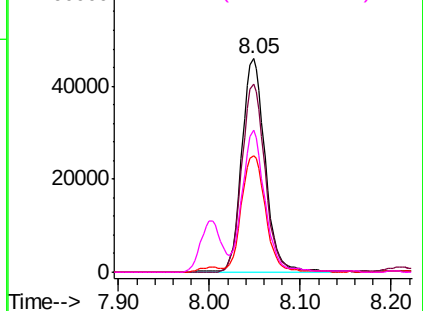
#55
 1,1,2-Trichloroethane
 Concen: 17.952 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBS01

Tgt Ion:	97	Resp:	82202
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.1	105.1
85	54.6	45.0	67.4
99	65.8	49.8	74.8

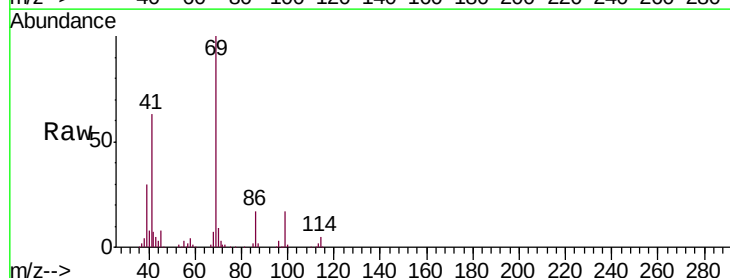


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

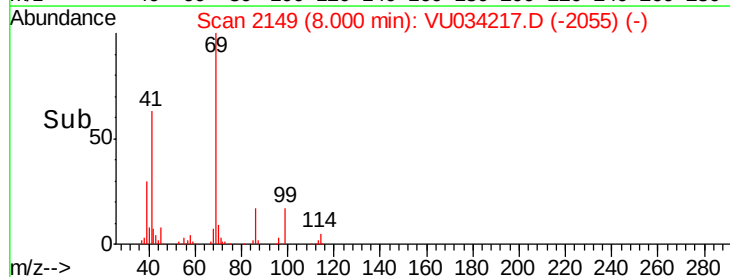
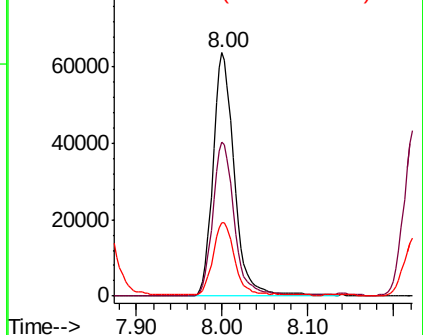


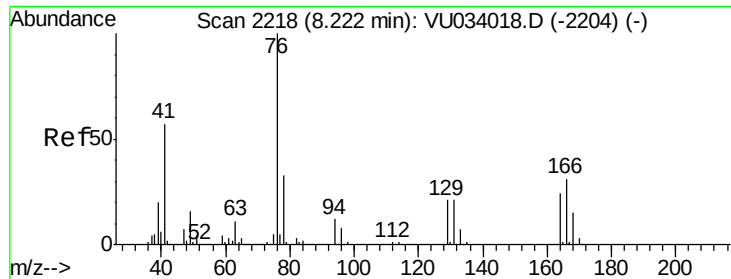
#56
 Ethyl methacrylate
 Concen: 15.300 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

Tgt Ion:	69	Resp:	110989
Ion	Ratio	Lower	Upper
69	100		
41	63.8	50.7	76.1
39	30.1	24.2	36.2



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

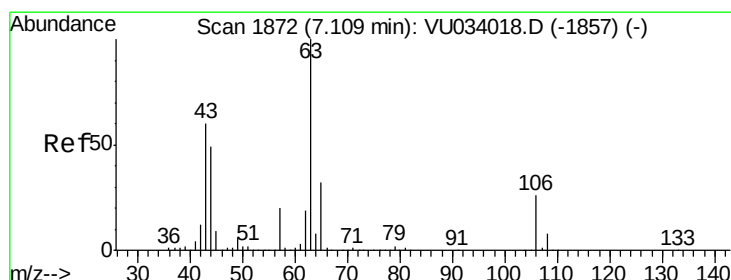
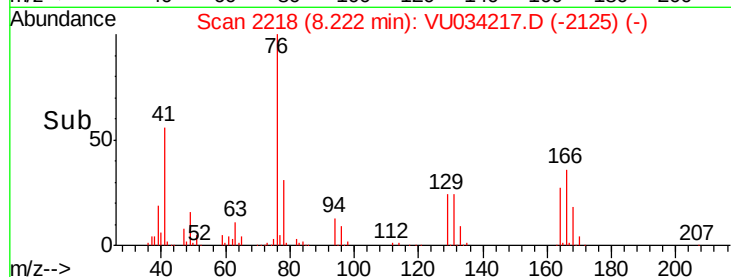
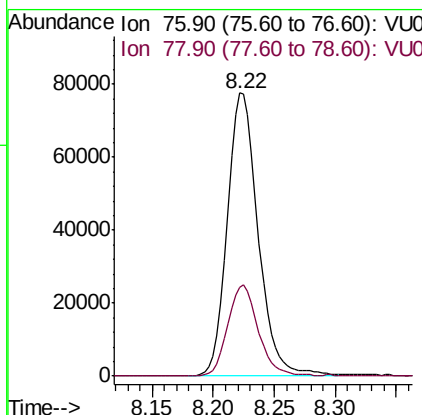
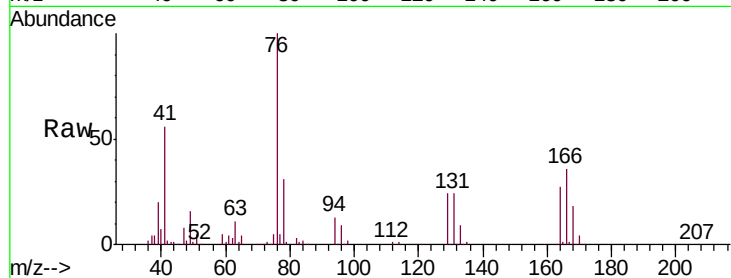




#57
 1,3-Dichloropropane
 Concen: 17.700 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

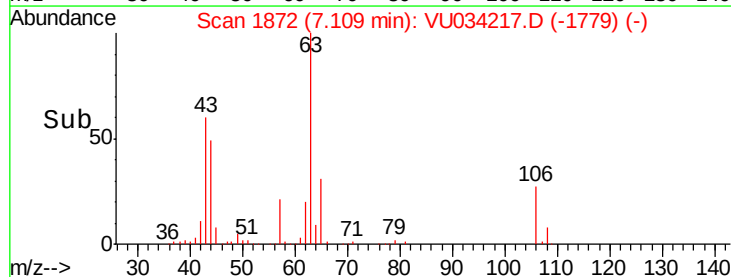
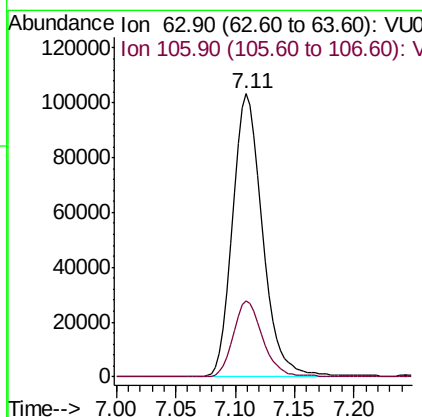
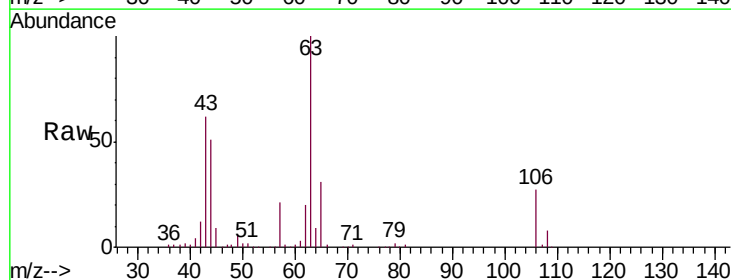
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBS01

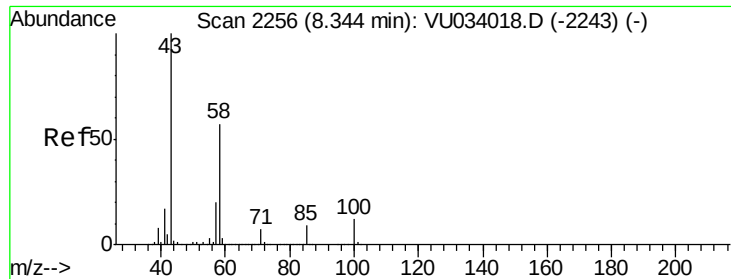
Tgt Ion: 76 Resp: 137617
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 71.034 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

Tgt Ion: 63 Resp: 179948
 Ion Ratio Lower Upper
 63 100
 106 26.5 20.7 31.1

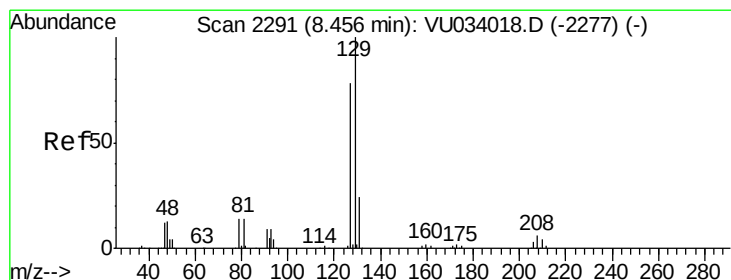
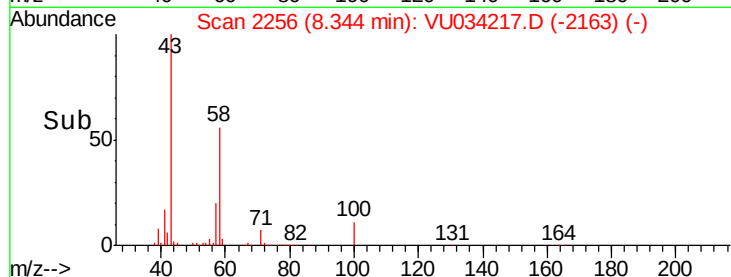
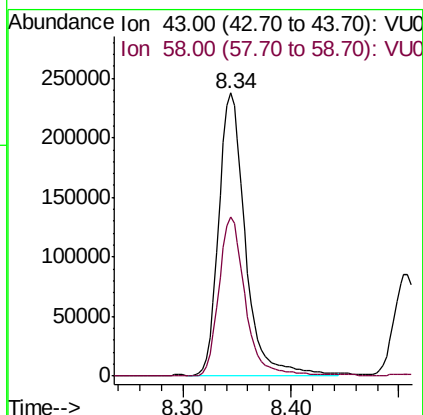
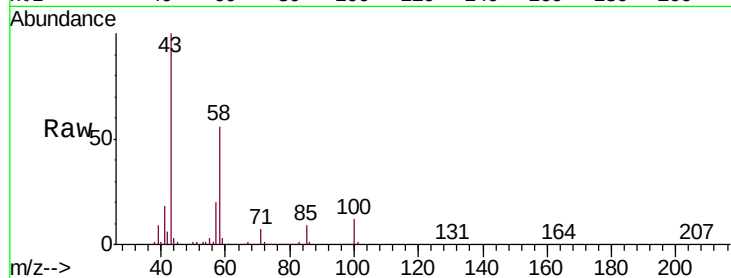




#59
2-Hexanone
Concen: 78.372 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

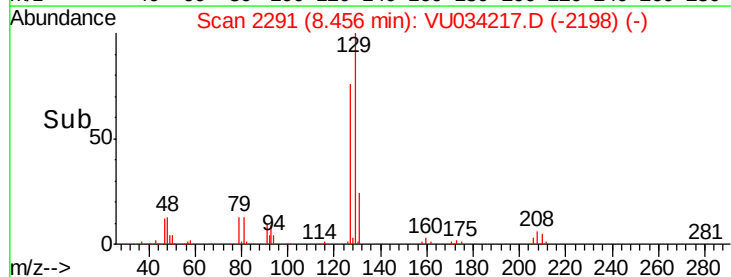
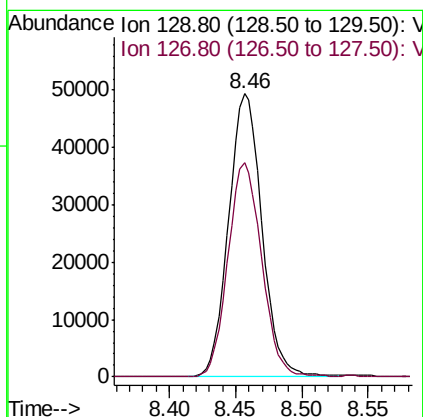
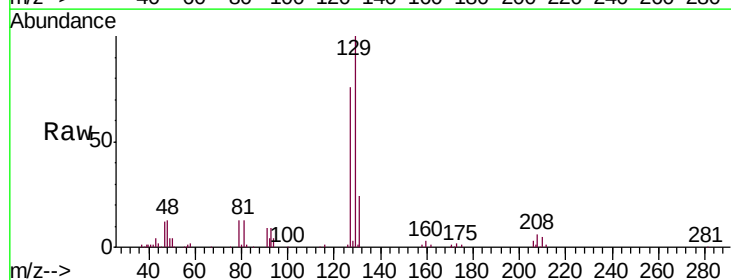
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBS01

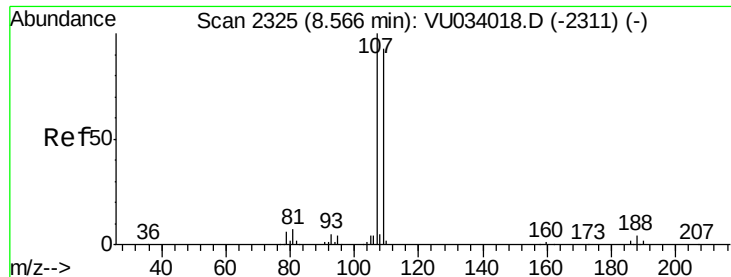
Tgt Ion: 43 Resp: 404306
Ion Ratio Lower Upper
43 100
58 57.1 28.4 85.3



#60
Dibromochloromethane
Concen: 17.581 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Tgt Ion: 129 Resp: 86414
Ion Ratio Lower Upper
129 100
127 76.4 39.0 116.9





#61

1,2-Dibromoethane

Concen: 16.896 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

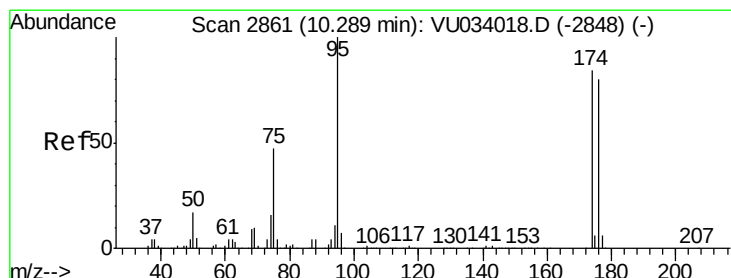
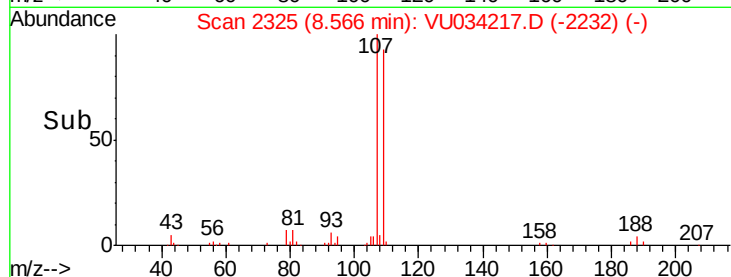
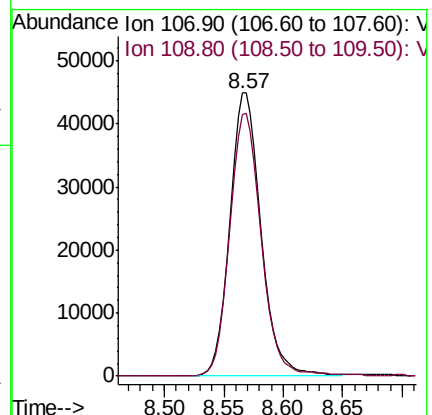
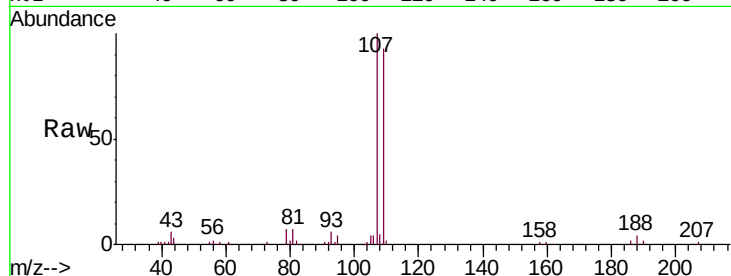
VU0904WBS01

Tgt Ion: 107 Resp: 81501

Ion Ratio Lower Upper

107 100

109 94.2 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 44.905 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

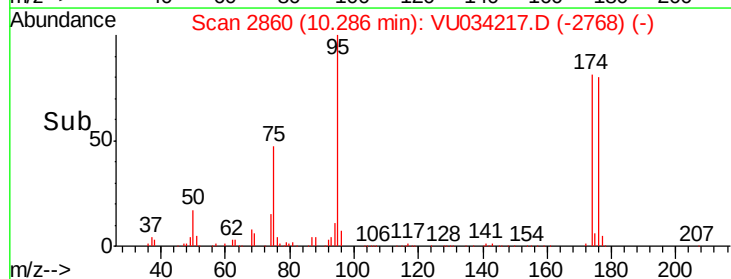
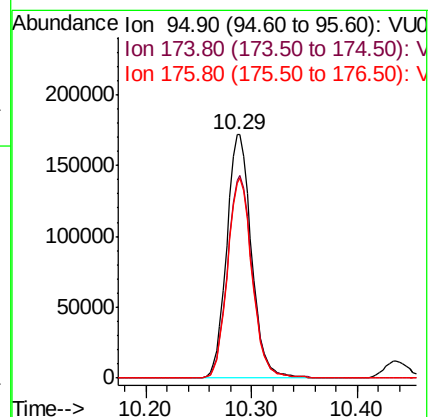
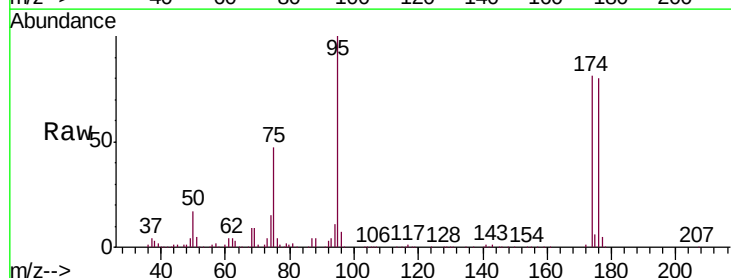
Tgt Ion: 95 Resp: 278562

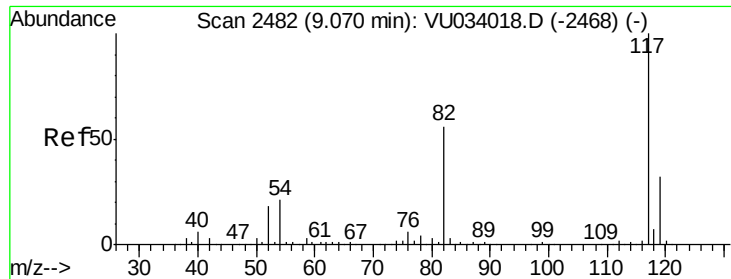
Ion Ratio Lower Upper

95 100

174 83.7 0.0 168.8

176 81.4 0.0 161.8

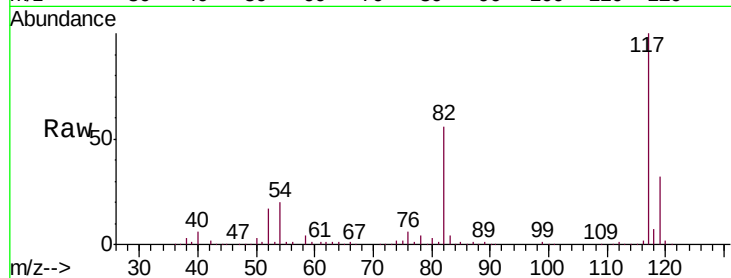




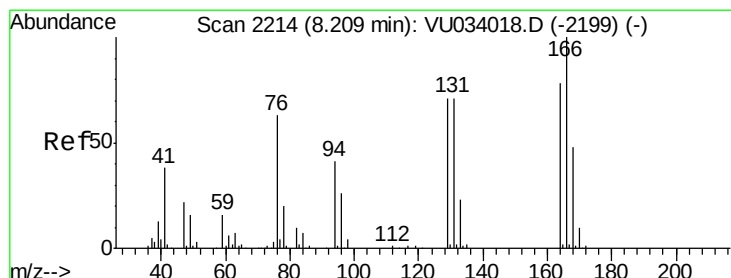
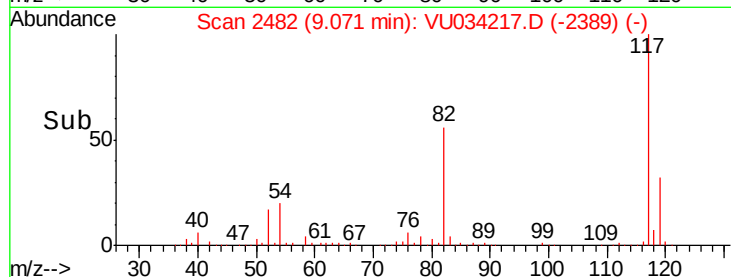
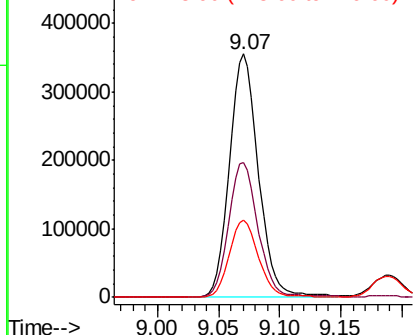
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :
VU0904WBS01

Tgt Ion:117 Resp: 591439
Ion Ratio Lower Upper
117 100
82 55.6 45.1 67.7
119 31.9 25.4 38.0

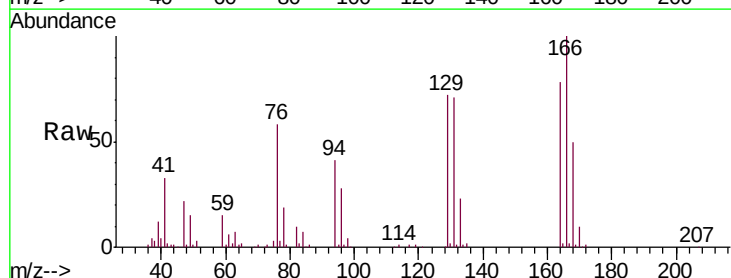


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

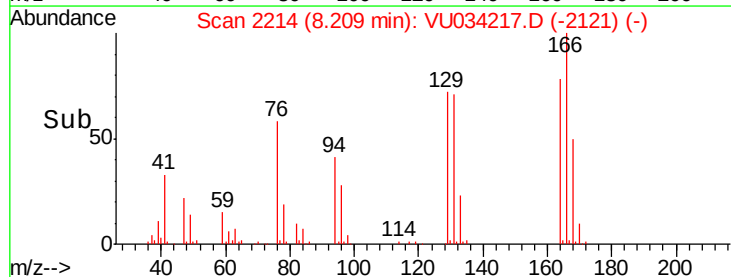
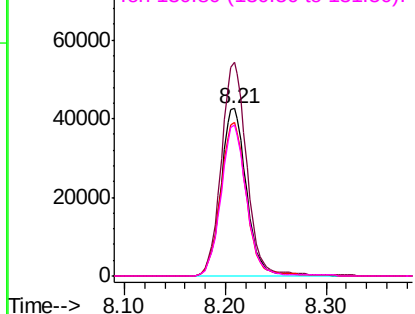


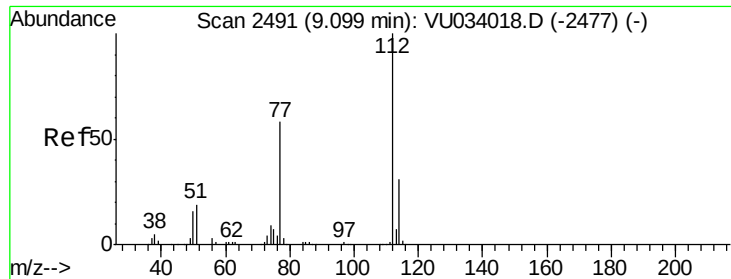
#64
Tetrachloroethene
Concen: 19.025 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Tgt Ion:164 Resp: 75566
Ion Ratio Lower Upper
164 100
166 127.6 102.2 153.2
129 91.6 72.4 108.6
131 90.1 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

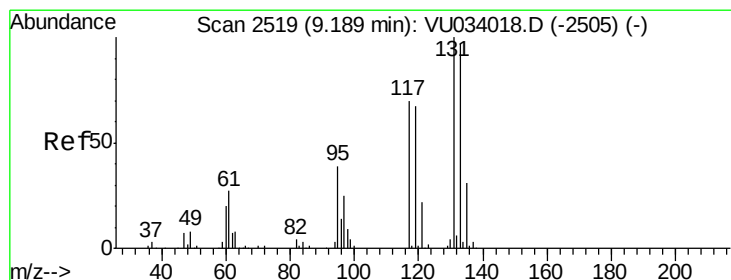
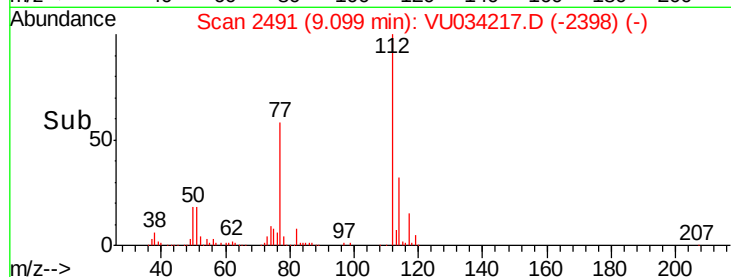
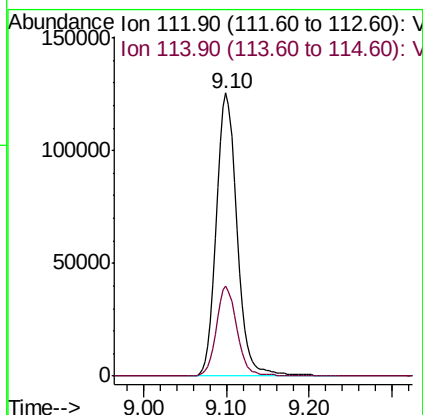
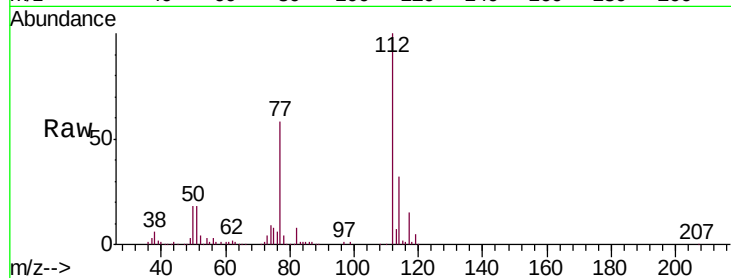




#65
Chlorobenzene
Concen: 17.866 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

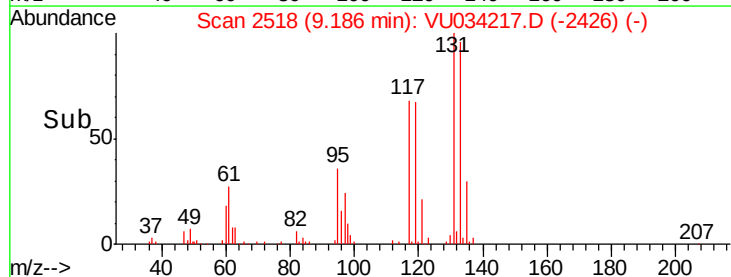
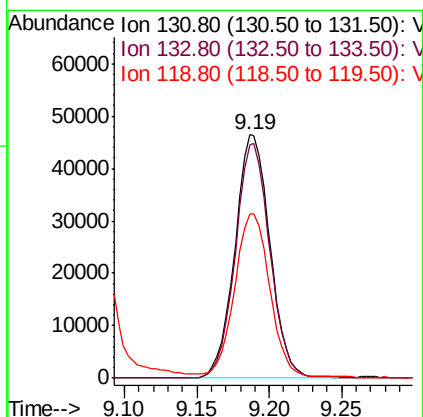
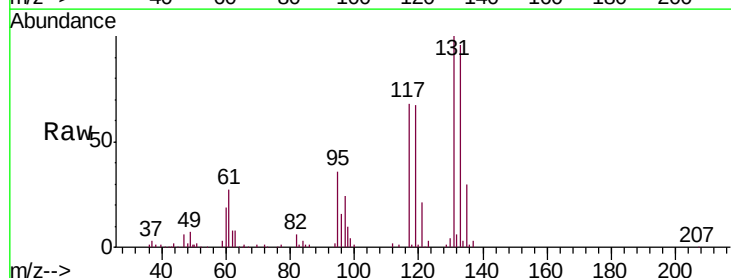
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBS01

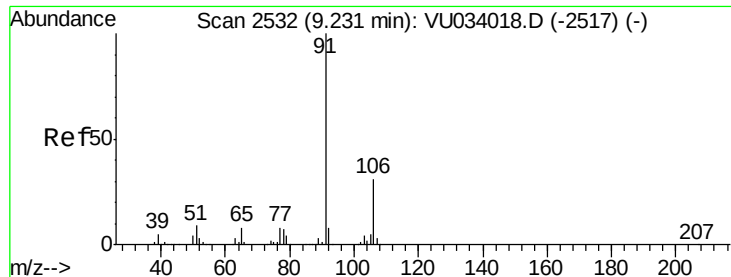
Tgt Ion:112 Resp: 217456
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.657 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Tgt Ion:131 Resp: 77929
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.2
119 68.0 33.6 100.6





#67

Ethyl Benzene

Concen: 17.535 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

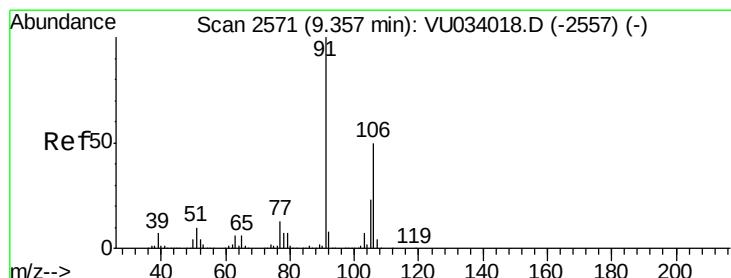
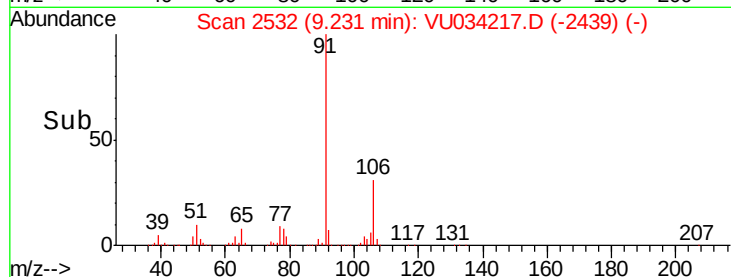
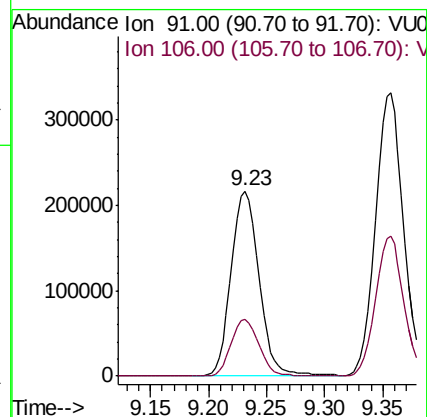
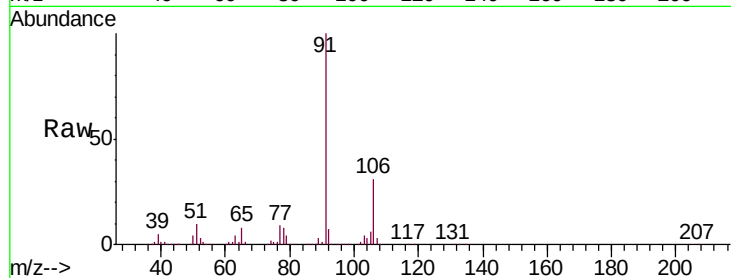
VU0904WBS01

Tgt Ion: 91 Resp: 361781

Ion Ratio Lower Upper

91 100

106 30.8 24.9 37.3



#68

m/p-Xylenes

Concen: 36.068 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034217.D

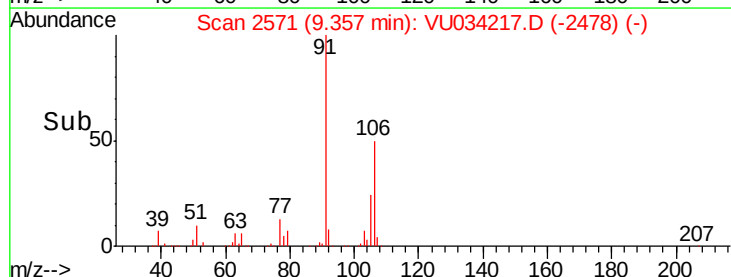
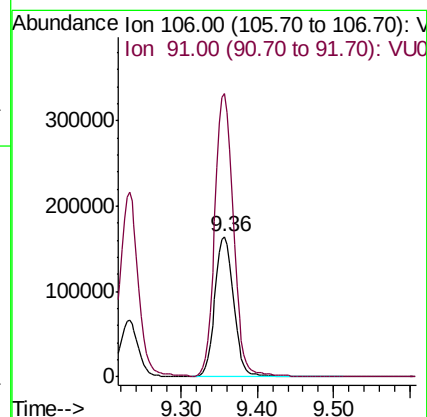
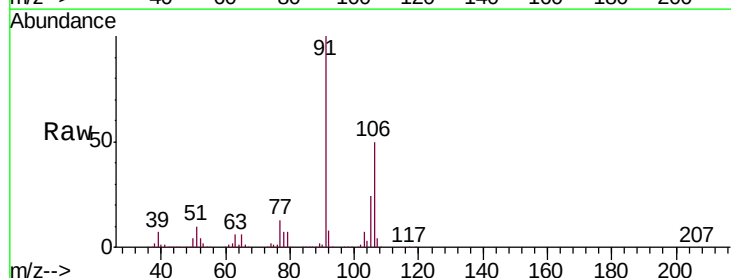
Acq: 03 Sep 2019 11:09

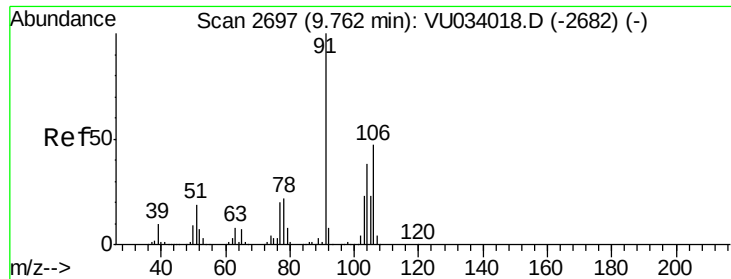
Tgt Ion: 106 Resp: 282951

Ion Ratio Lower Upper

106 100

91 199.9 161.6 242.4

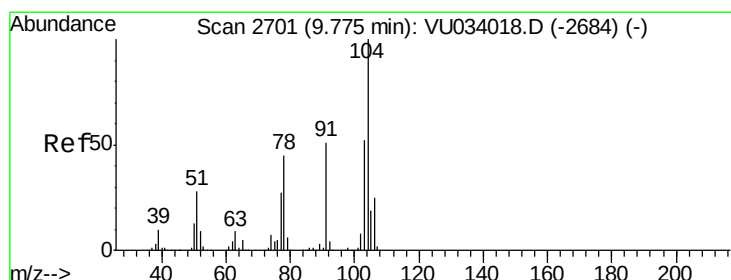
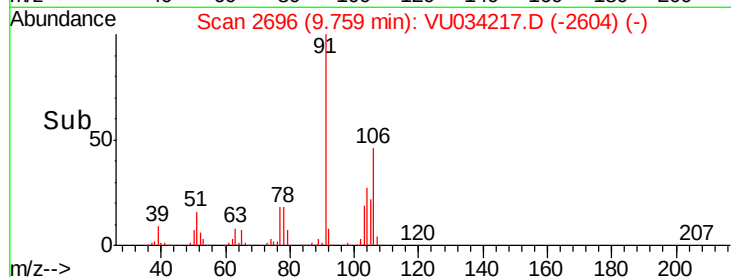
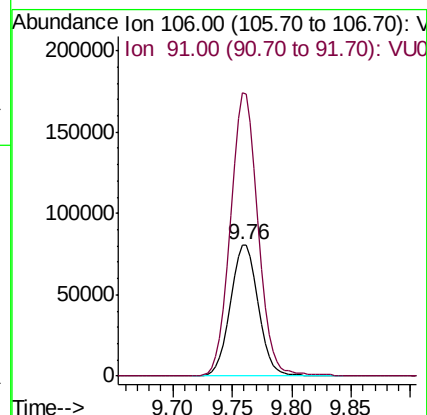
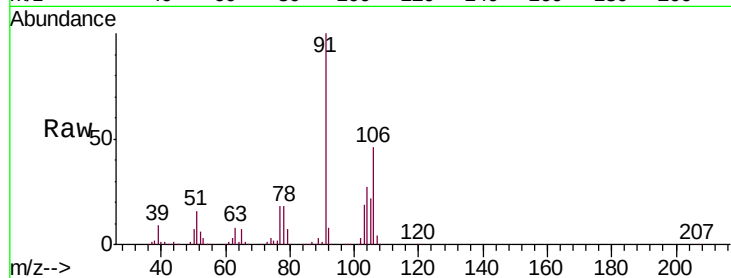




#69
o-Xylene
Concen: 17.520 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

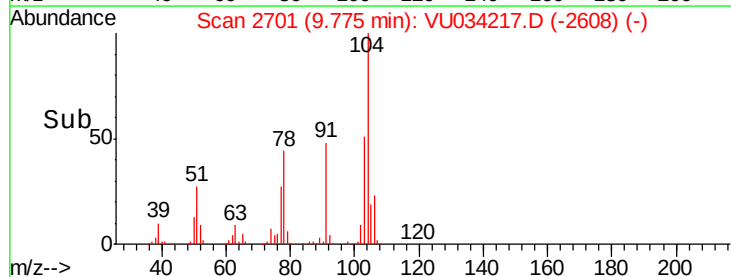
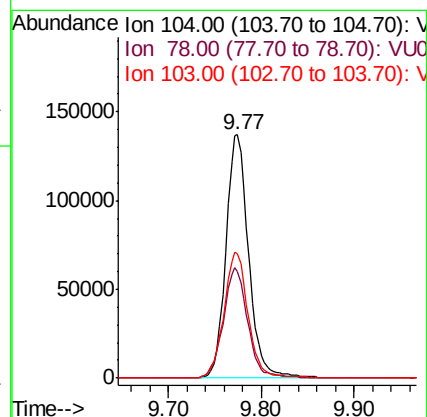
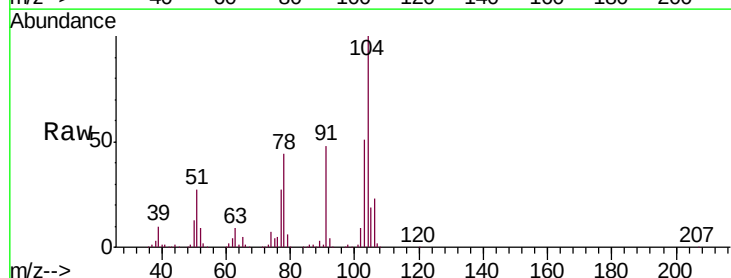
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBS01

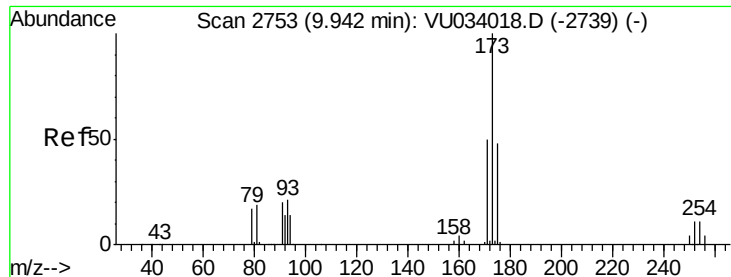
Tgt Ion:106 Resp: 131864
Ion Ratio Lower Upper
106 100
91 213.2 106.0 318.0



#70
Styrene
Concen: 18.038 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Tgt Ion:104 Resp: 232787
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.4
103 55.2 44.0 66.0





#71

Bromoform

Concen: 16.532 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBS01

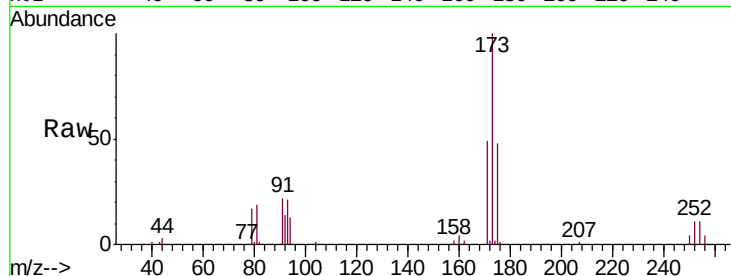
Tgt Ion:173 Resp: 63394

Ion Ratio Lower Upper

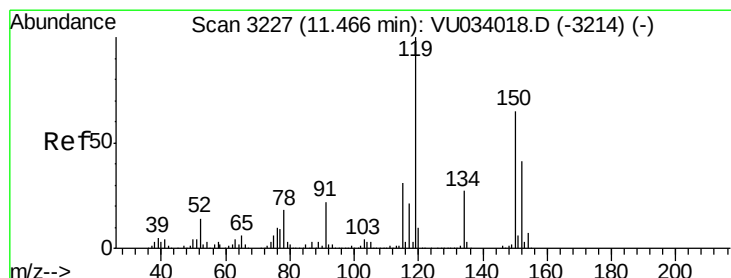
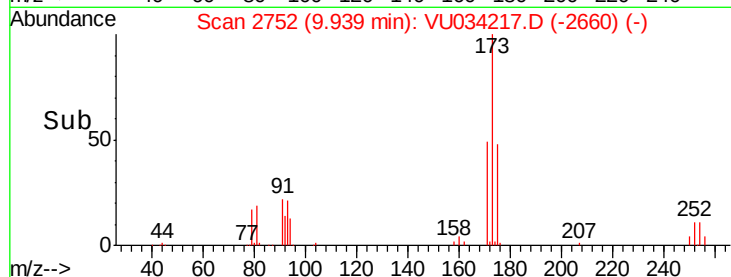
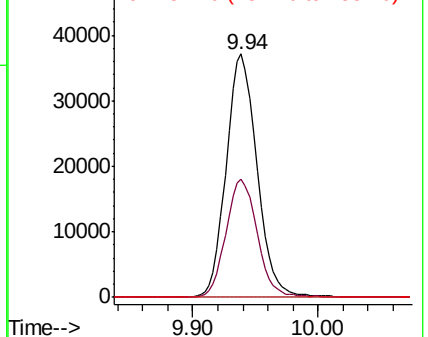
173 100

175 49.2 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: VU034217.D

Acq: 03 Sep 2019 11:09

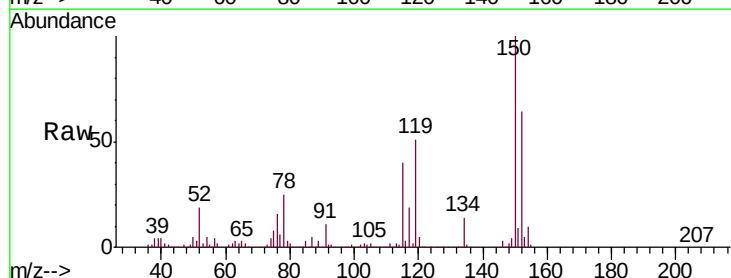
Tgt Ion:152 Resp: 320743

Ion Ratio Lower Upper

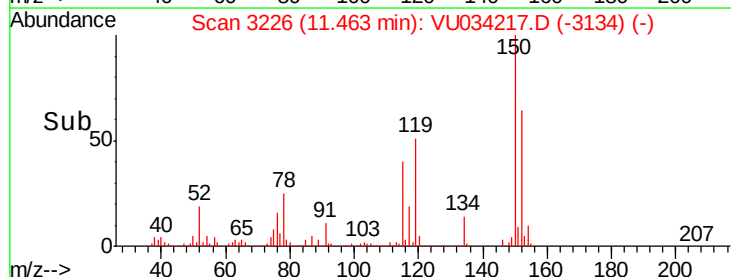
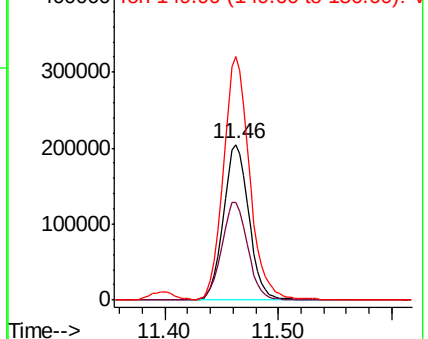
152 100

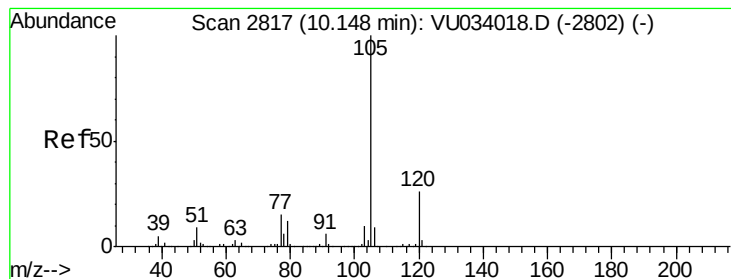
115 64.2 41.1 123.3

150 159.7 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: 16.726 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

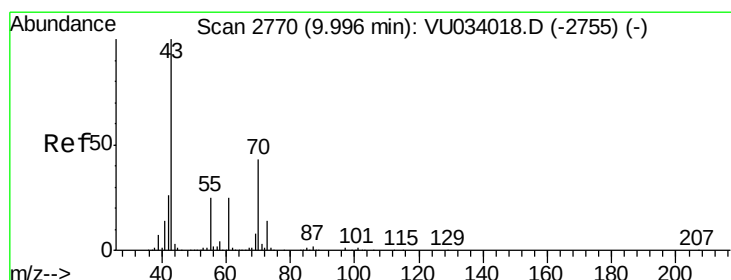
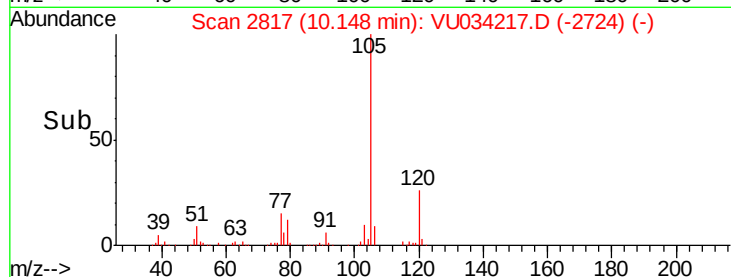
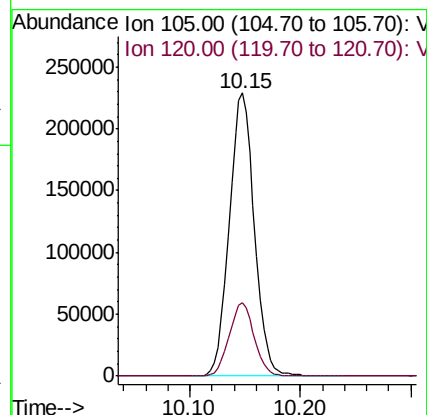
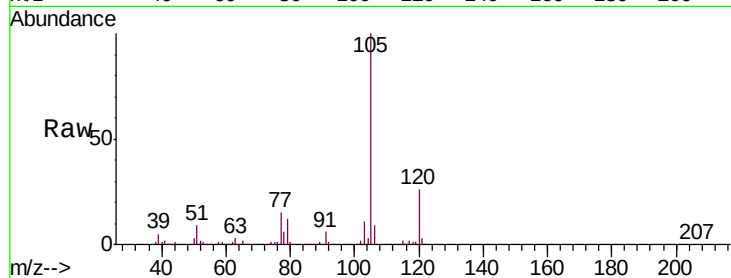
VU0904WBS01

Tgt Ion: 105 Resp: 360341

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#74

N-ethyl acetate

Concen: 15.324 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Tgt Ion: 43 Resp: 138852

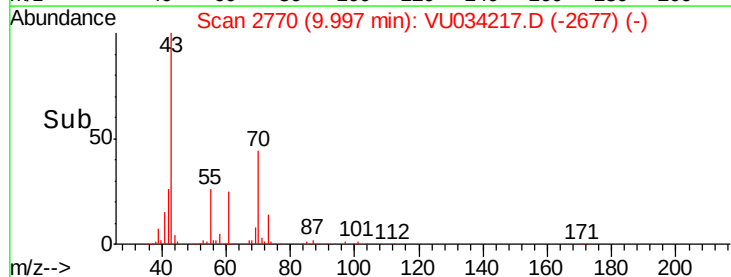
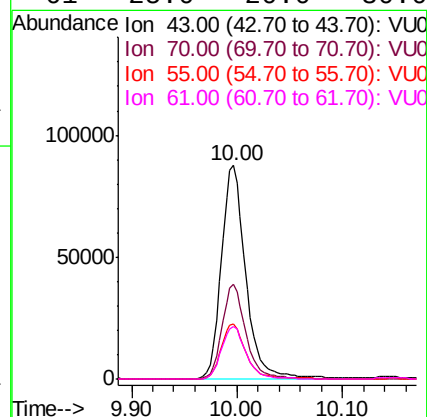
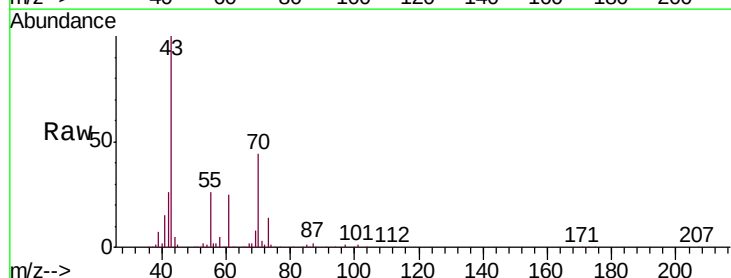
Ion Ratio Lower Upper

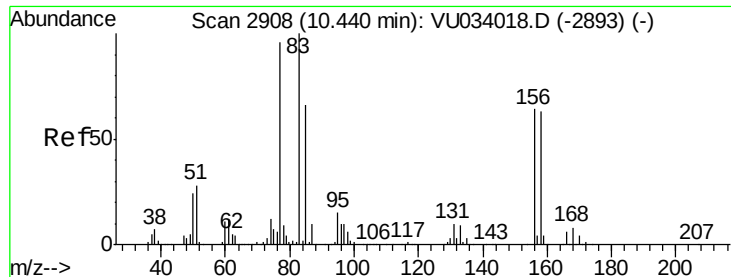
43 100

70 43.6 35.2 52.8

55 26.1 20.5 30.7

61 25.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.254 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBS01

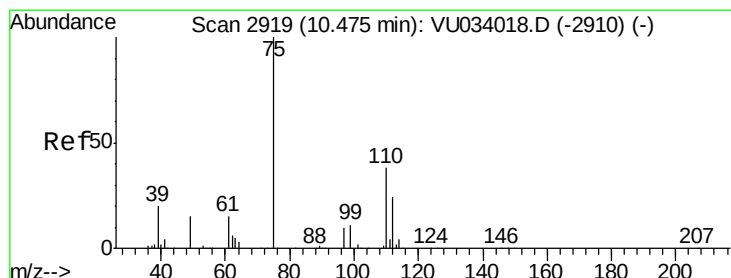
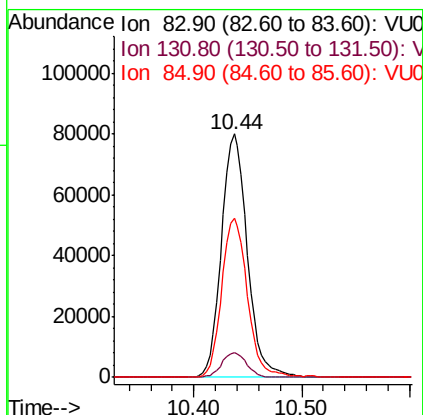
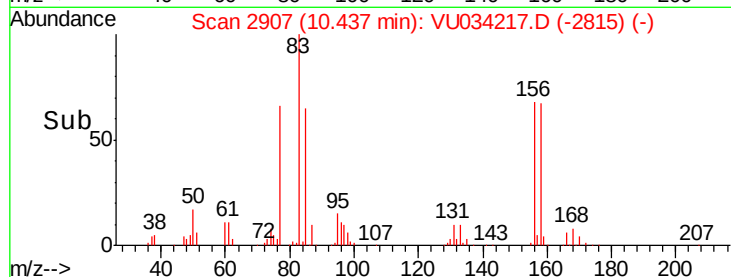
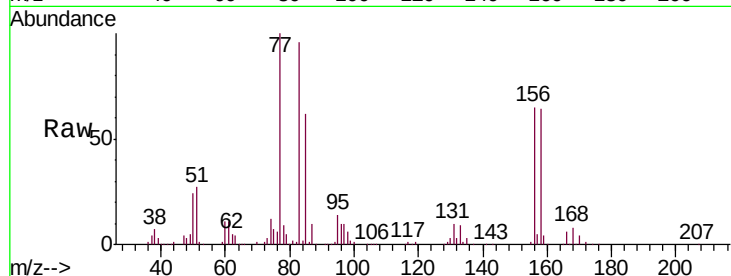
Tgt Ion: 83 Resp: 134031

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 64.8 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 19.135 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034217.D

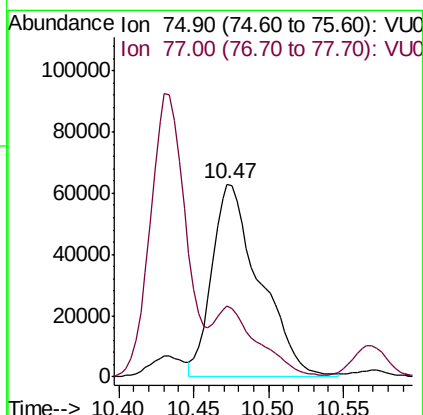
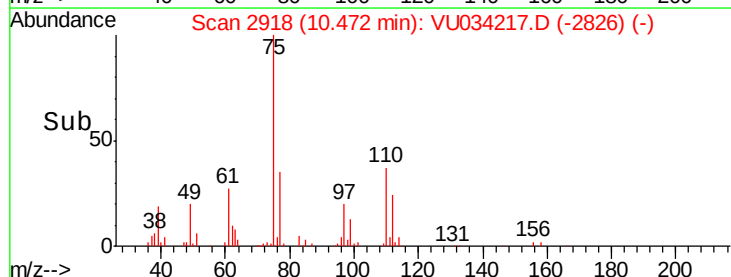
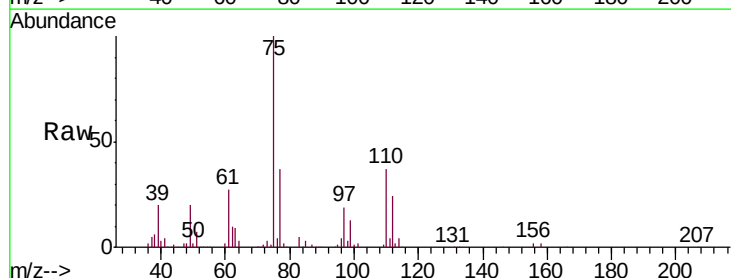
Acq: 03 Sep 2019 11:09

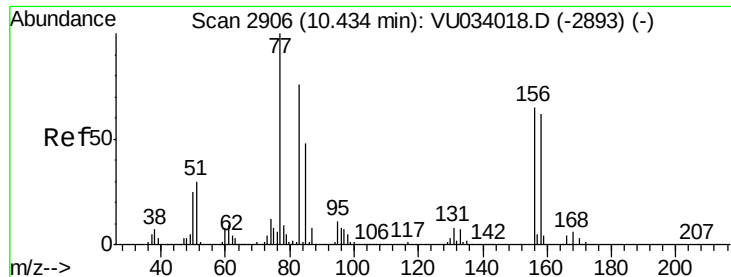
Tgt Ion: 75 Resp: 138328

Ion Ratio Lower Upper

75 100

77 33.6 20.1 60.2





#77

Bromobenzene

Concen: 16.847 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBS01

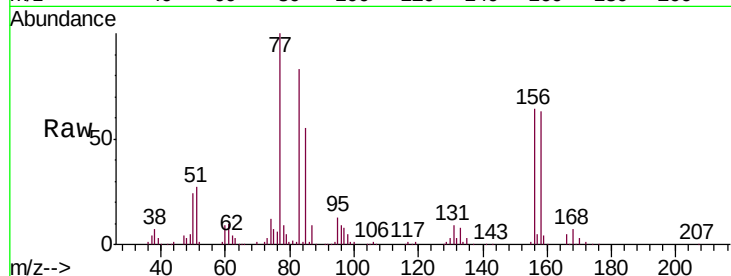
Tgt Ion:156 Resp: 97633

Ion Ratio Lower Upper

156 100

77 156.9 76.8 230.5

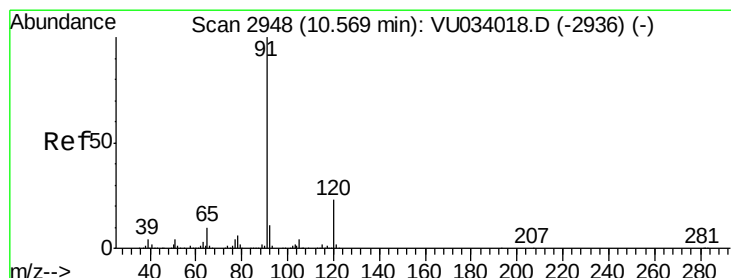
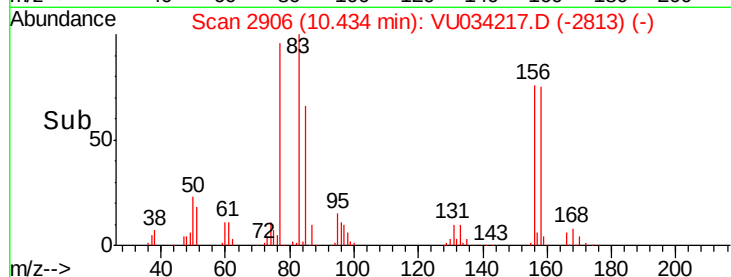
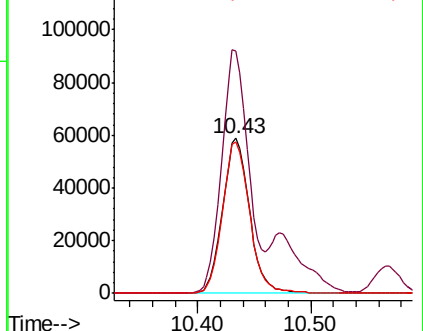
158 98.4 48.4 145.0



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: 16.853 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034217.D

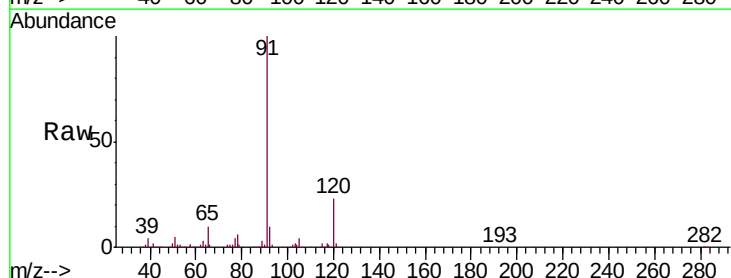
Acq: 03 Sep 2019 11:09

Tgt Ion: 91 Resp: 422832

Ion Ratio Lower Upper

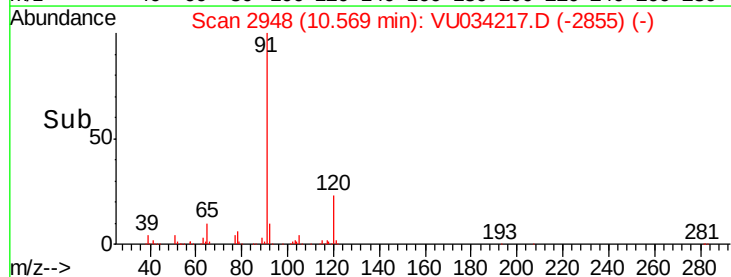
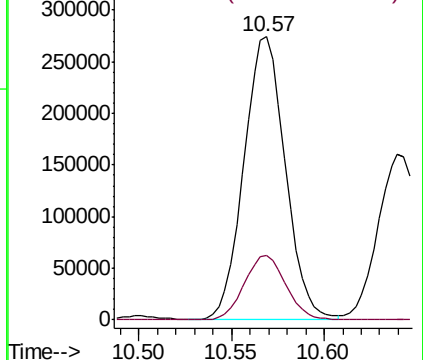
91 100

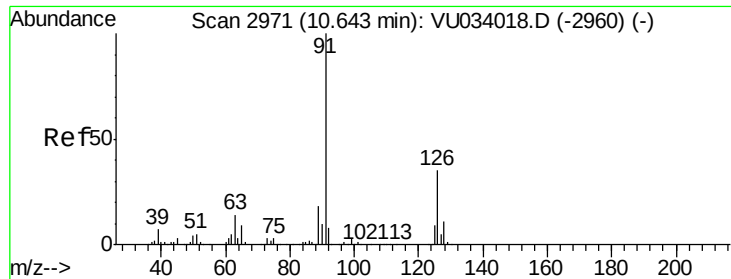
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.034 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

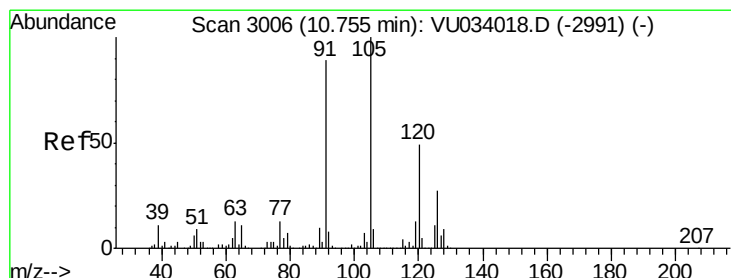
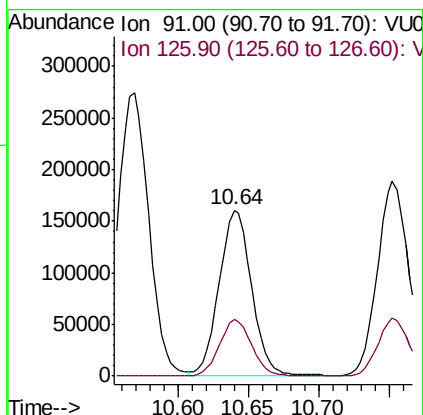
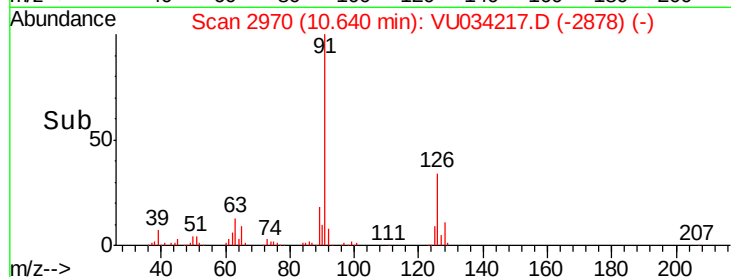
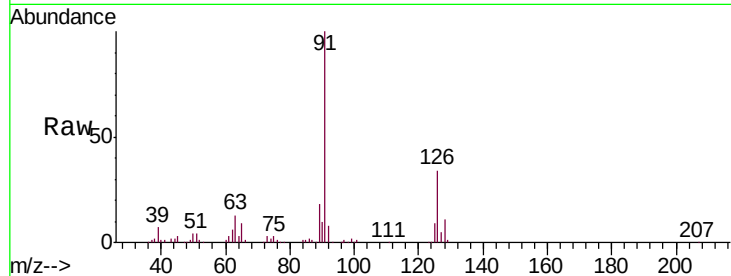
VU0904WBS01

Tgt Ion: 91 Resp: 256349

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 17.406 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034217.D

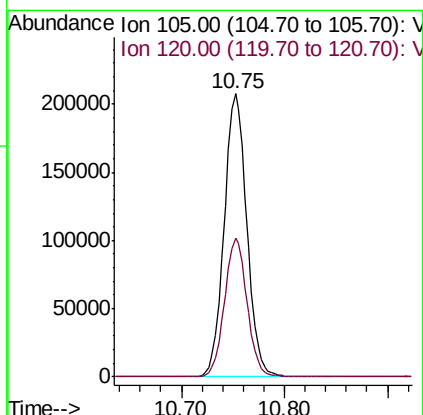
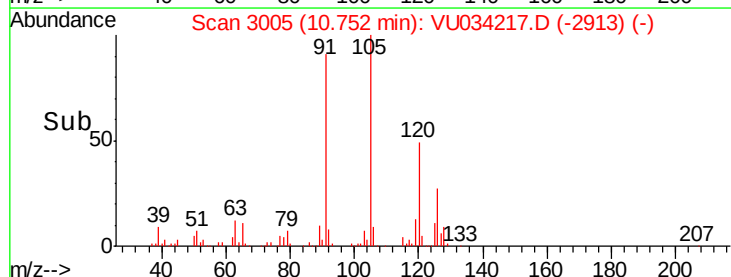
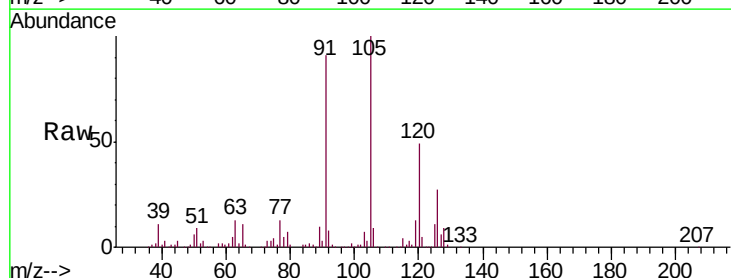
Acq: 03 Sep 2019 11:09

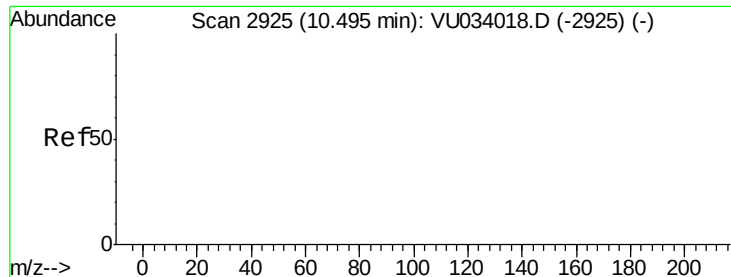
Tgt Ion: 105 Resp: 317825

Ion Ratio Lower Upper

105 100

120 48.7 24.6 73.6

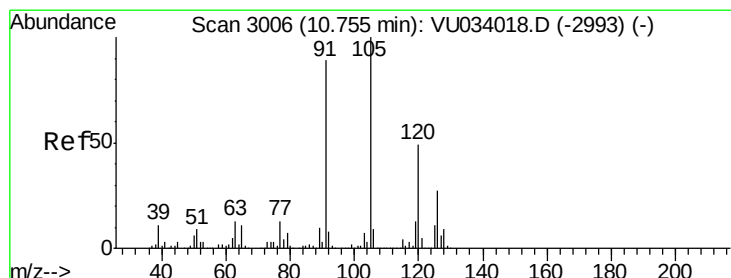
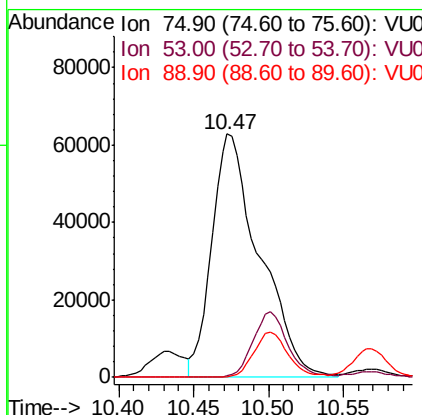
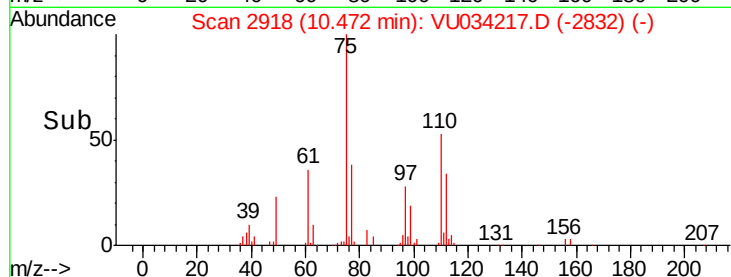
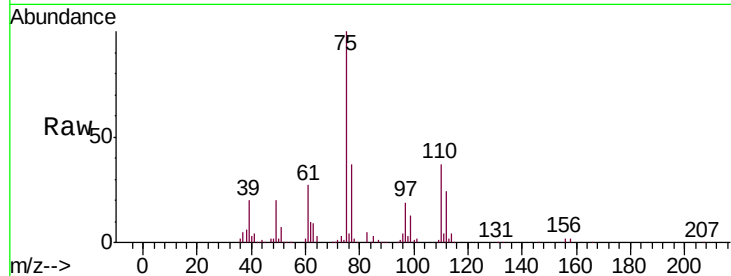




#81
trans-1,4-Dichloro-2-butene
Concen: 64.703 ug/l
RT: 10.47 min Scan# 2918
Delta R.T. -0.02 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

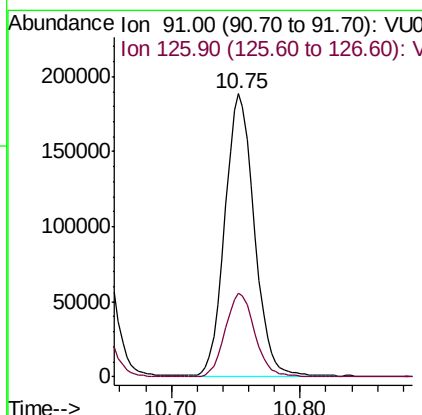
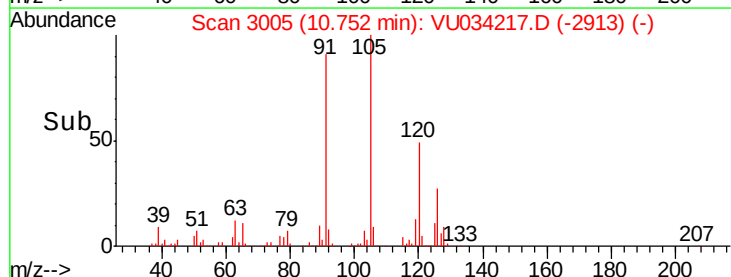
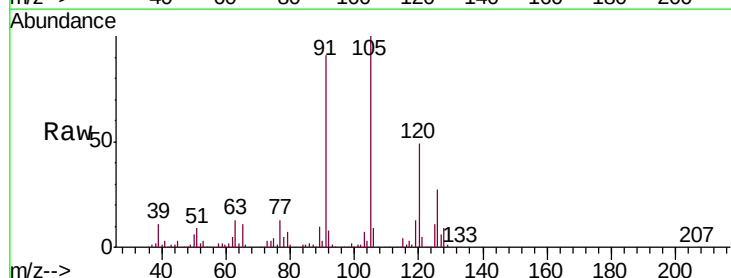
Instrument :
MSVOA_U
ClientSampleId :
VU0904WBS01

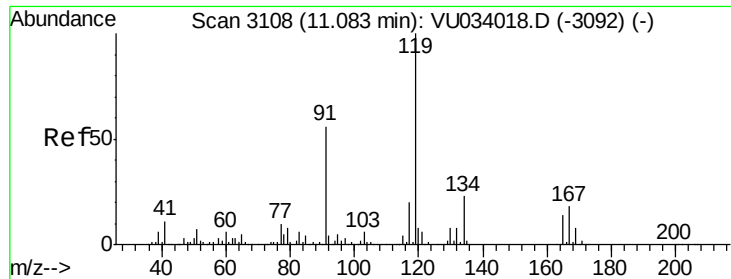
Tgt Ion: 75 Resp: 138908
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 17.090 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Tgt Ion: 91 Resp: 295785
Ion Ratio Lower Upper
91 100
126 30.0 15.0 45.1

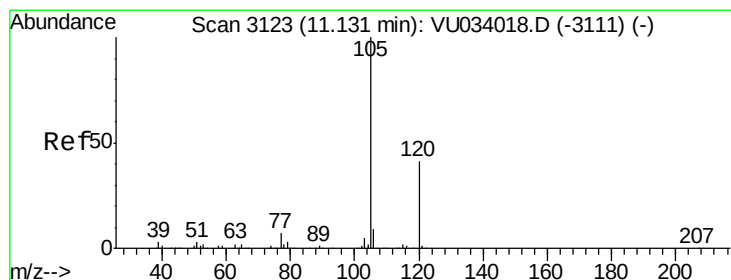
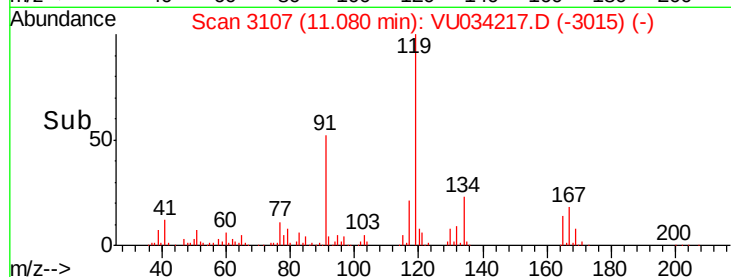
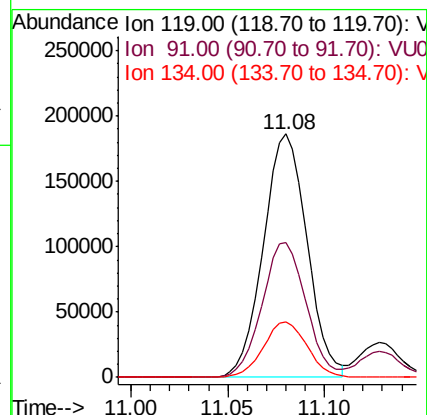
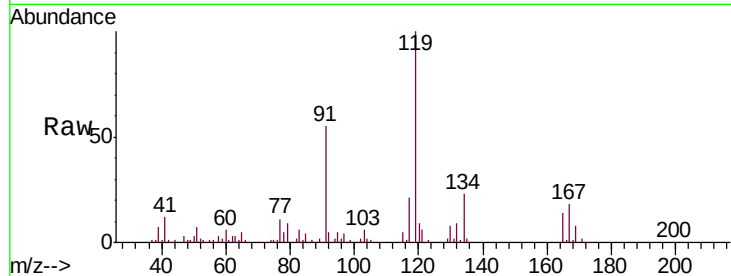




#83
 tert-Butylbenzene
 Concen: 16.295 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

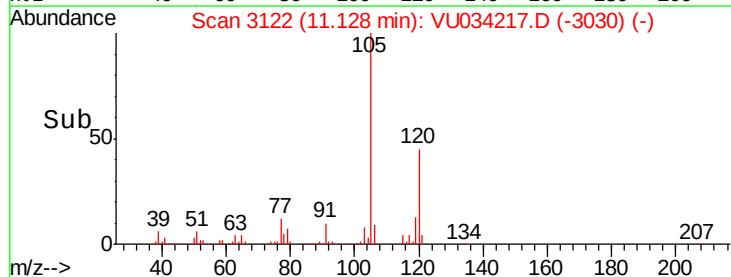
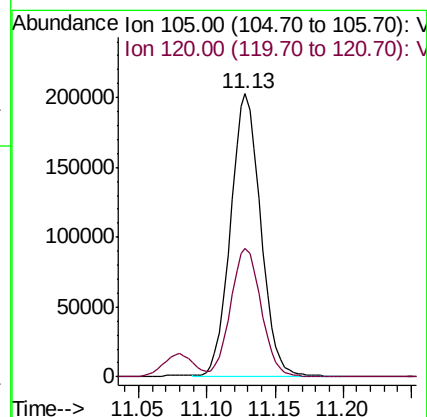
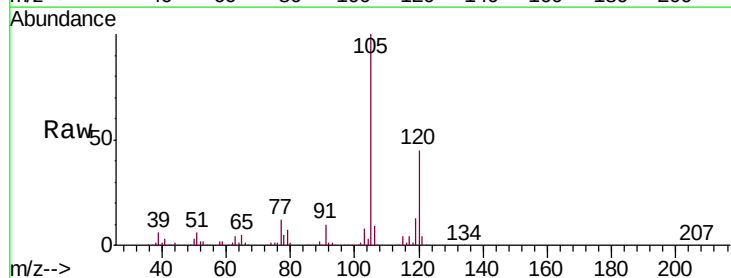
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBS01

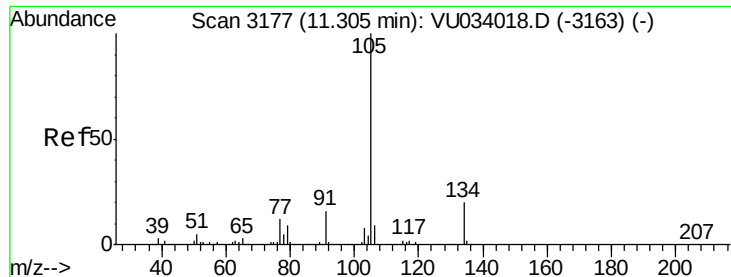
Tgt Ion:119 Resp: 292912
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.9 83.6
 134 22.9 11.4 34.2



#84
 1,2,4-Trimethylbenzene
 Concen: 17.082 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

Tgt Ion:105 Resp: 309733
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.6 67.8





#85

sec-Butylbenzene

Concen: 16.551 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. -0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

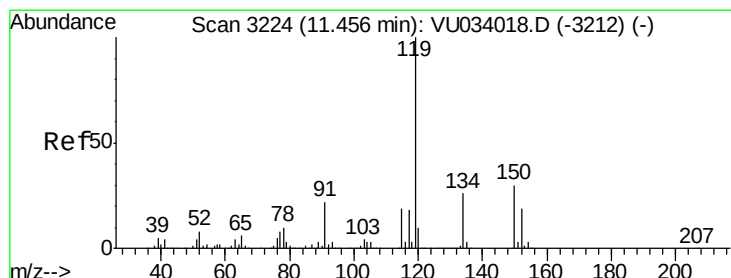
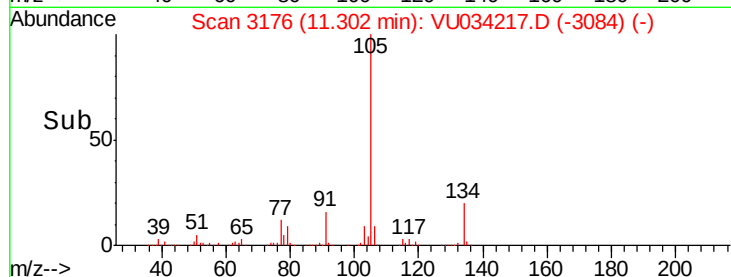
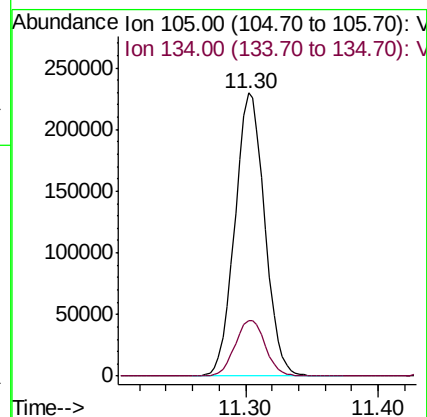
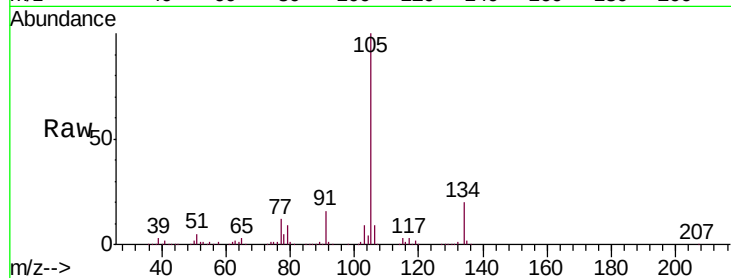
VU0904WBS01

Tgt Ion:105 Resp: 356587

Ion Ratio Lower Upper

105 100

134 20.1 10.0 30.0



#86

p-Isopropyltoluene

Concen: 16.849 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. 0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

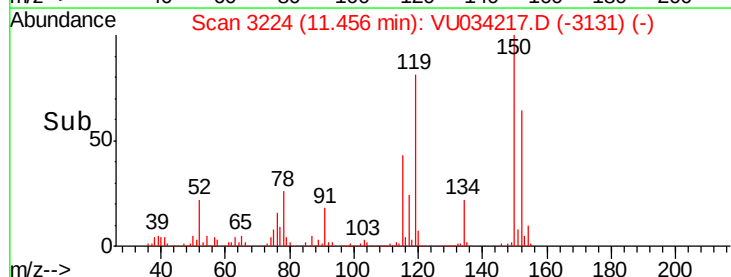
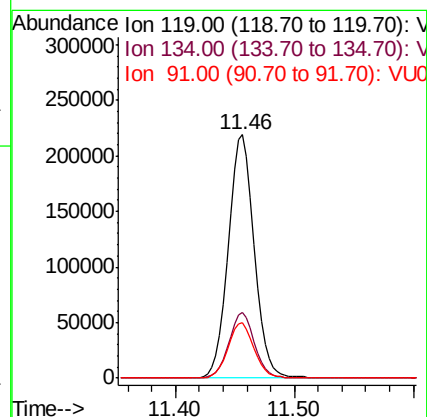
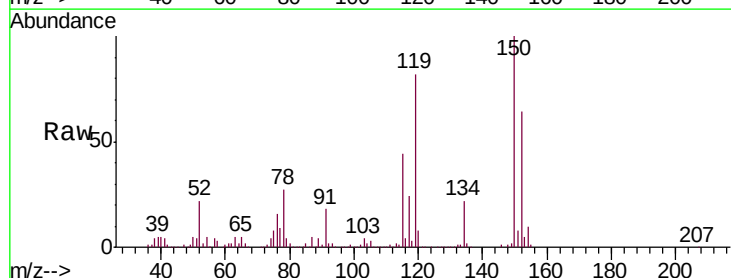
Tgt Ion:119 Resp: 328304

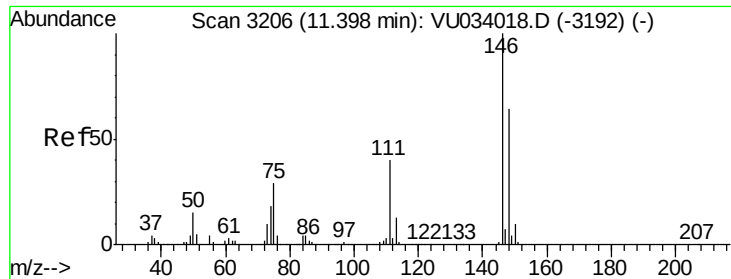
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 23.2 11.2 33.6

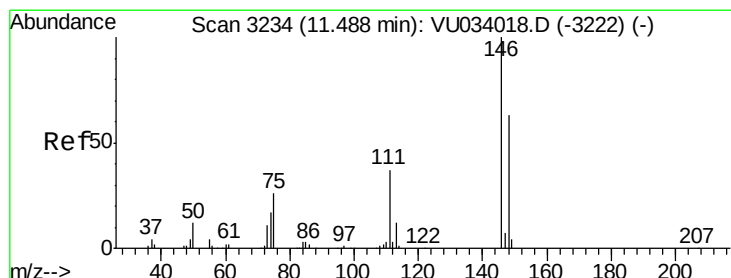
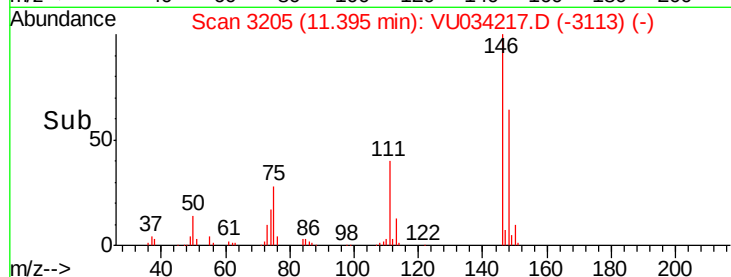
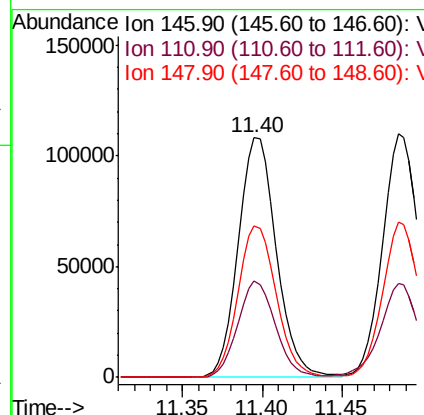
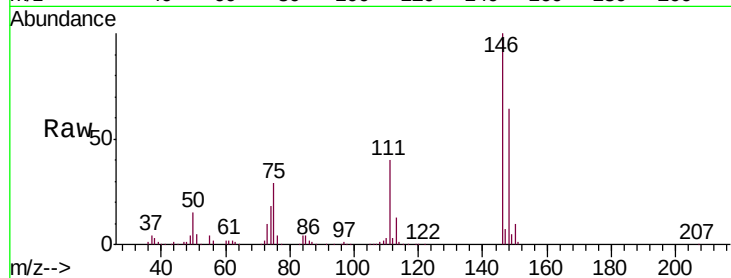




#87
 1,3-Dichlorobenzene
 Concen: 17.098 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

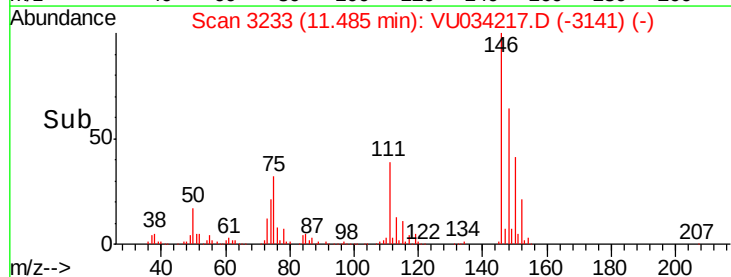
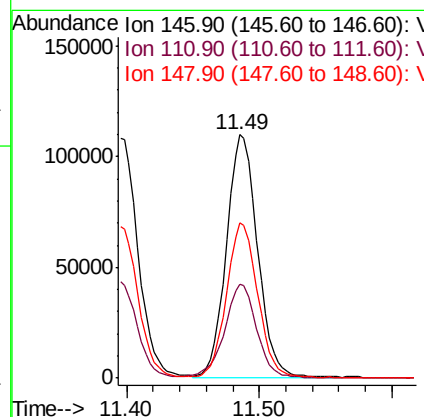
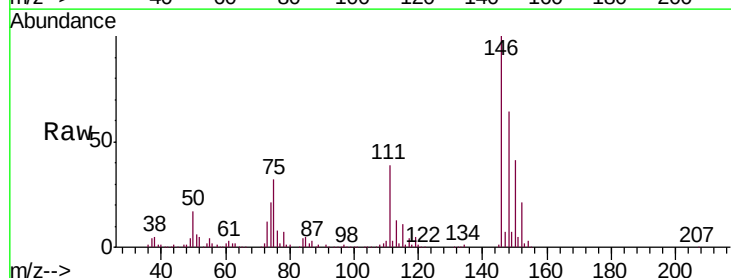
Instrument :
 MSVOA_U
 ClientSampled :
 VU0904WBS01

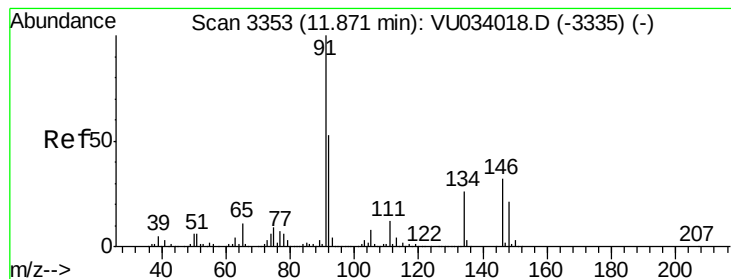
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.6
148	63.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 17.182 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.2	57.6
148	63.6	31.9	95.9





#89

n-Butylbenzene

Concen: 16.187 ug/l

RT: 11.87 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VU034217.D

Acq: 03 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBS01

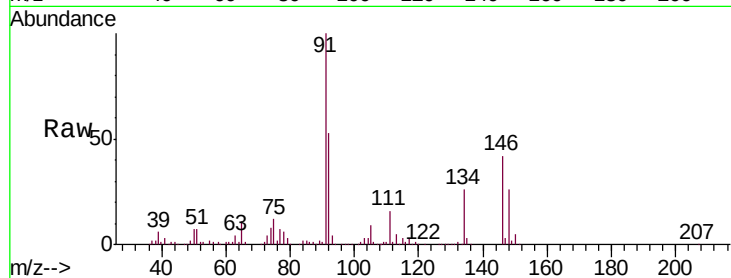
Tgt Ion: 91 Resp: 278082

Ion Ratio Lower Upper

91 100

92 52.0 26.3 78.9

134 25.5 12.9 38.7

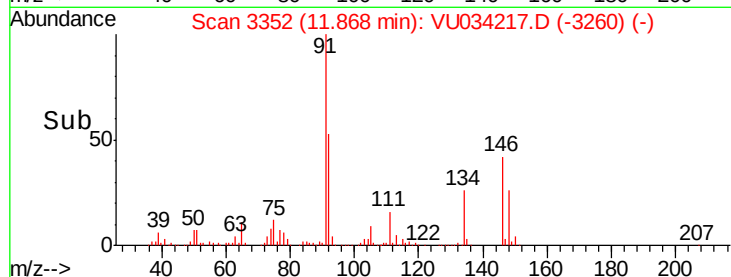


Abundance Ion 91.00 (90.70 to 91.70): VU034018.D (-3335) (-)

Ion 92.00 (91.70 to 92.70): VU034018.D (-3335) (-)

Ion 134.00 (133.70 to 134.70): VU034018.D (-3335) (-)

Time-->

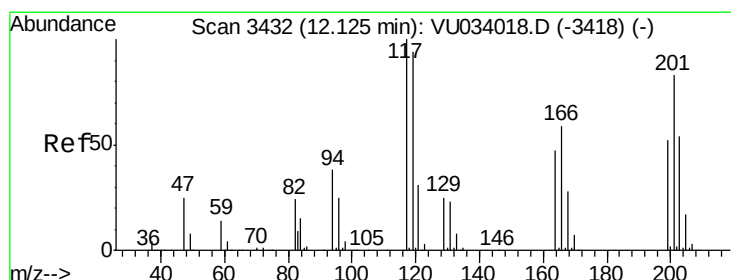


Abundance Ion 91.00 (90.70 to 91.70): VU034217.D (-3260) (-)

Ion 92.00 (91.70 to 92.70): VU034217.D (-3260) (-)

Ion 134.00 (133.70 to 134.70): VU034217.D (-3260) (-)

Time-->



#90

Hexachloroethane

Concen: 14.170 ug/l

RT: 12.12 min Scan# 3431

Delta R.T. -0.00 min

Lab File: VU034217.D

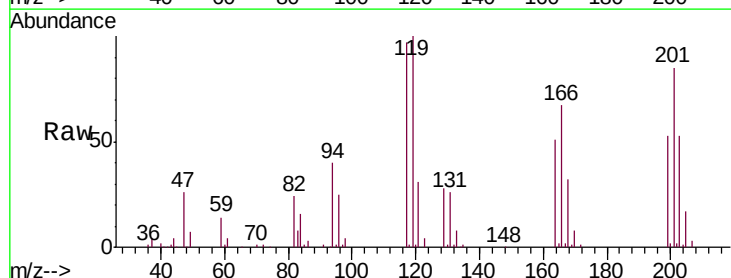
Acq: 03 Sep 2019 11:09

Tgt Ion: 117 Resp: 47737

Ion Ratio Lower Upper

117 100

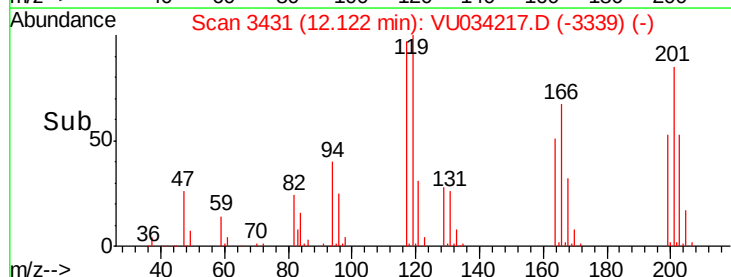
201 86.6 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VU034018.D (-3418) (-)

Ion 200.70 (200.40 to 201.40): VU034018.D (-3418) (-)

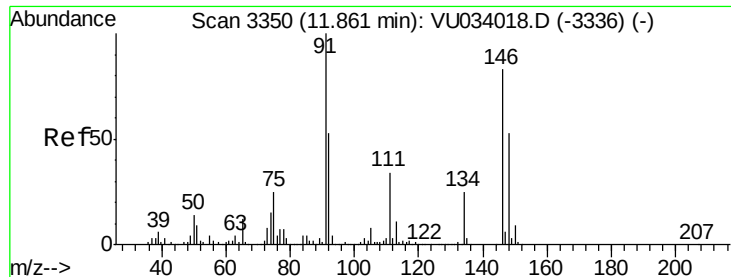
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VU034217.D (-3339) (-)

Ion 200.70 (200.40 to 201.40): VU034217.D (-3339) (-)

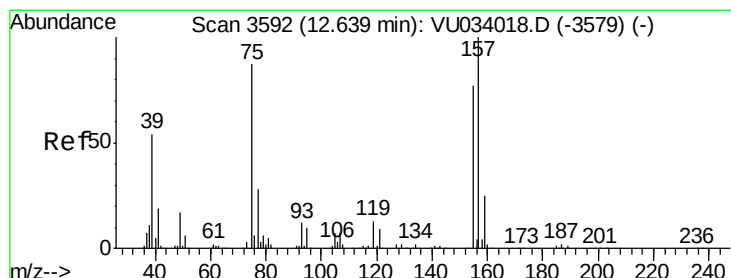
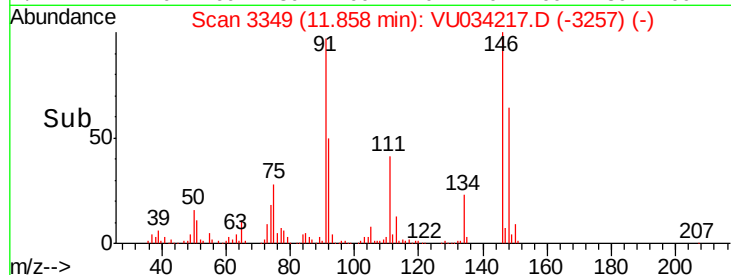
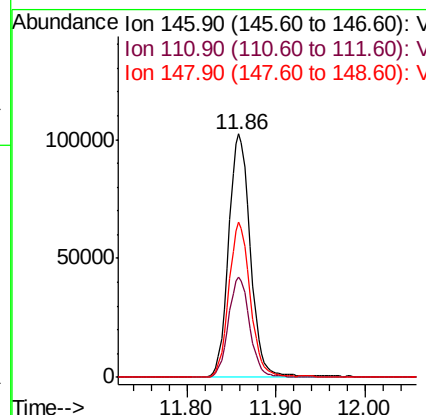
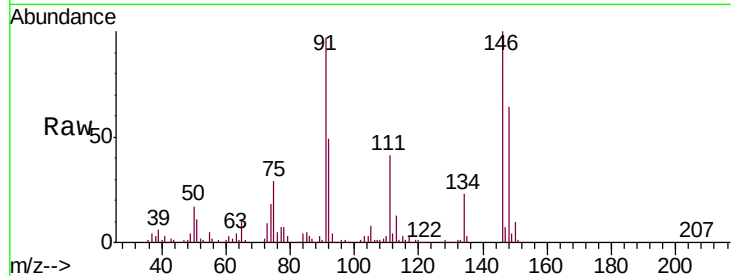
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 17.661 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

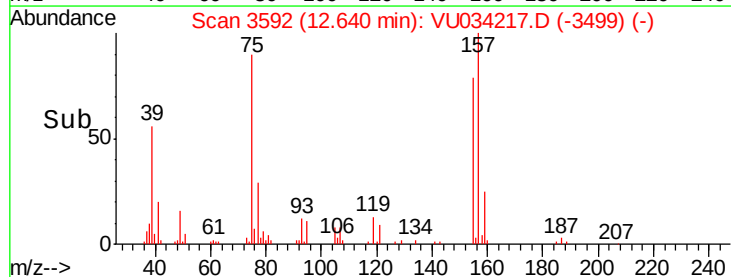
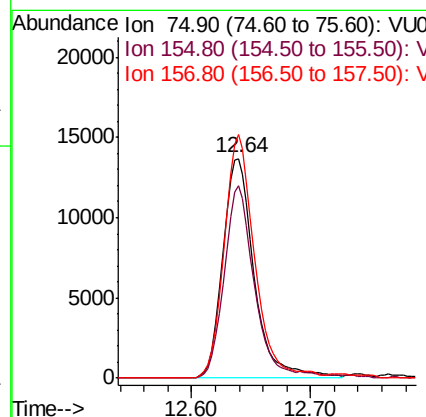
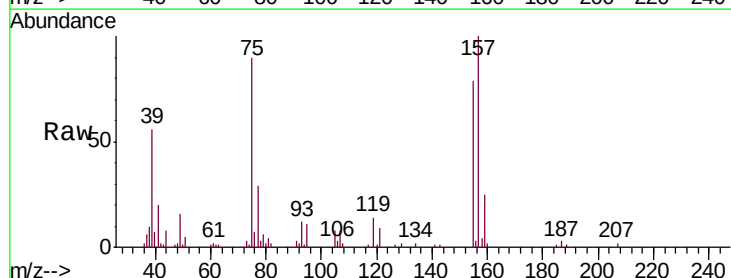
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBS01

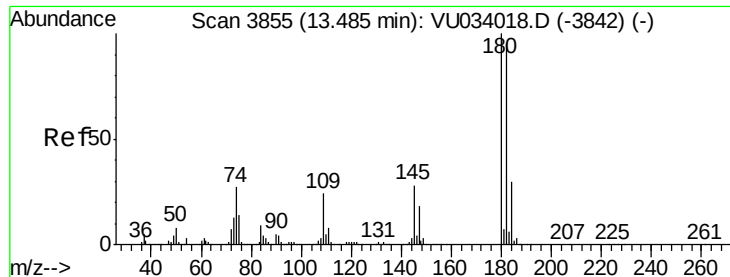
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.4	61.2
148	62.7	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.243 ug/l
 RT: 12.64 min Scan# 3592
 Delta R.T. 0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	43.5	130.7
157	107.3	56.9	170.6

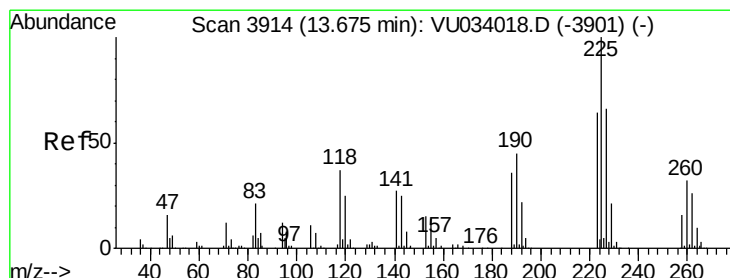
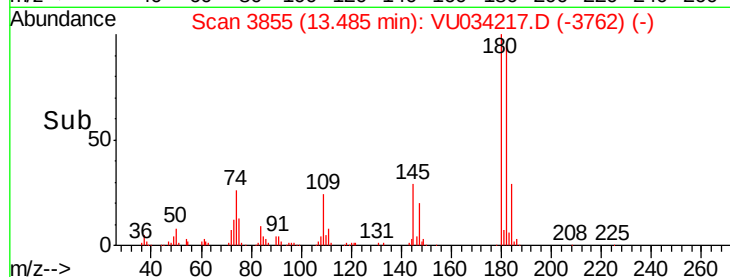
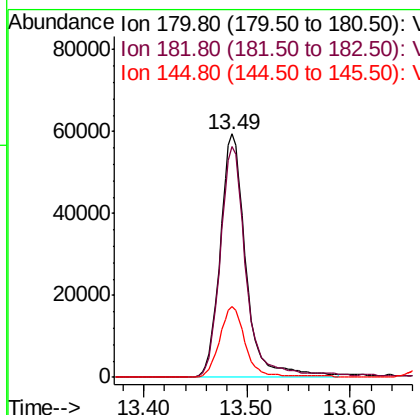
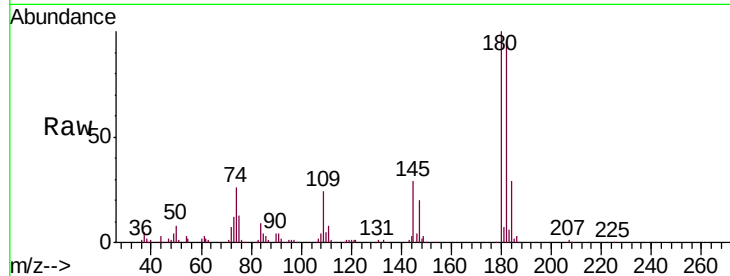




#93
 1,2,4-Trichlorobenzene
 Concen: 15.563 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

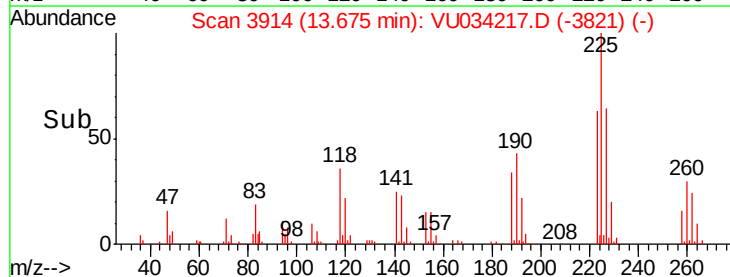
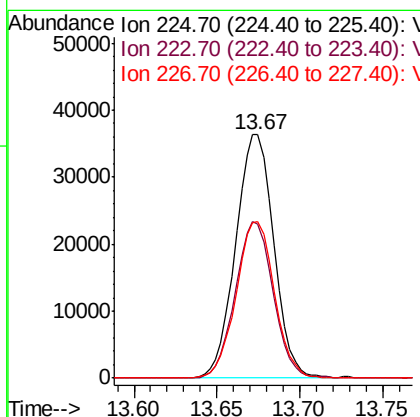
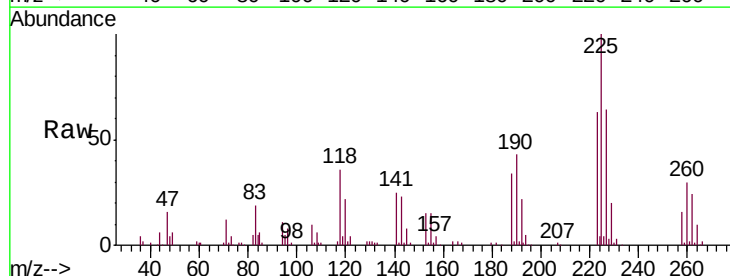
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBS01

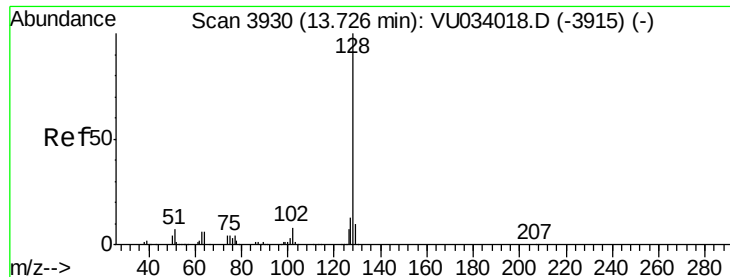
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.2
145	29.1	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 15.142 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU034217.D
 Acq: 03 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.8	95.3
227	64.3	32.6	97.8

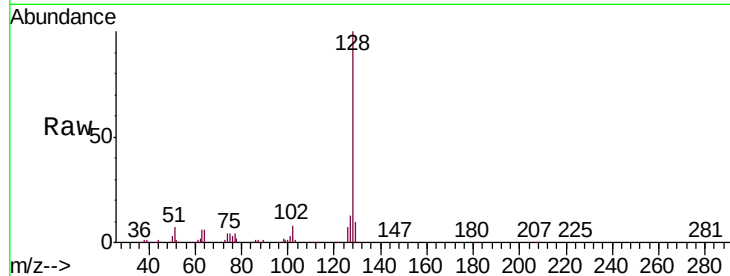




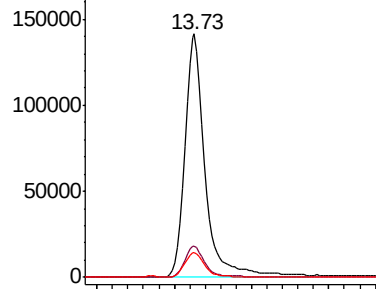
#95
Naphthalene
Concen: 14.523 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :
VU0904WBS01

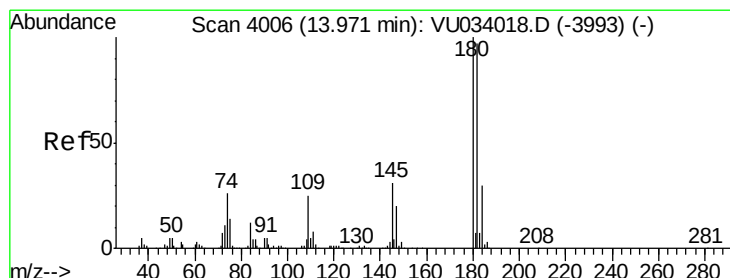
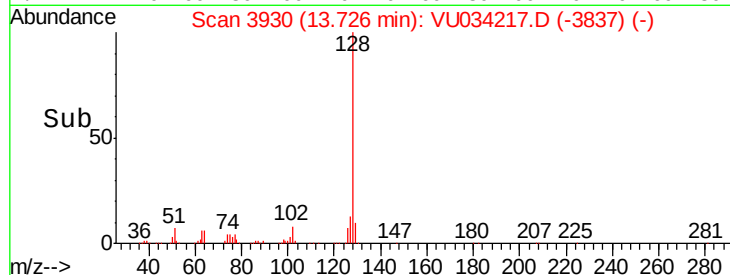
Tgt Ion:128 Resp: 264379
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.1 8.4 12.6



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

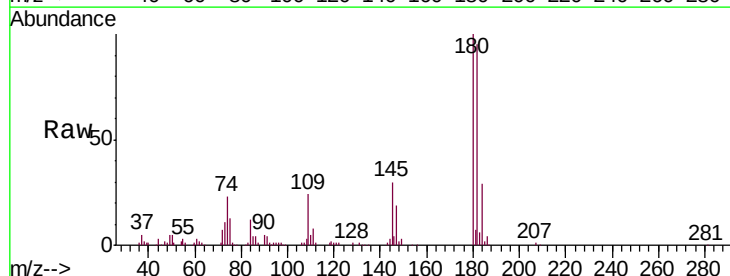


Time--> 13.60 13.70 13.80 13.90

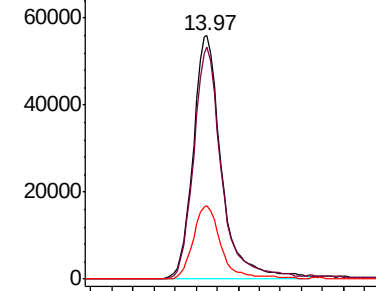


#96
1,2,3-Trichlorobenzene
Concen: 16.600 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU034217.D
Acq: 03 Sep 2019 11:09

Tgt Ion:180 Resp: 104512
Ion Ratio Lower Upper
180 100
182 94.0 48.2 144.6
145 29.9 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time--> 13.90 14.00 14.10

