

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090519\
 Data File : VU034249.D
 Acq On : 04 Sep 2019 11:51
 Operator : JC/SP
 Sample : VU0905WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBSD01

Quant Time: Sep 05 04:42:10 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	372666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	582443	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	561456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	304376	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	233908	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	4.86	113	201212	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	7.55	98	773367	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	10.29	95	288804	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	67934	18.126	ug/l	98
3) Chloromethane	1.32	50	89228	16.422	ug/l	97
4) Vinyl Chloride	1.40	62	91823	18.407	ug/l	98
5) Bromomethane	1.62	94	51563	17.725	ug/l	98
6) Chloroethane	1.69	64	57599	18.887	ug/l	97
7) Trichlorofluoromethane	1.88	101	113181	19.582	ug/l	100
8) Diethyl Ether	2.09	74	50086	20.256	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.28	101	73696	20.126	ug/l	98
10) Methyl Iodide	2.40	142	55496	10.684	ug/l	98
11) Tert butyl alcohol	2.81	59	102960	93.501	ug/l	99
12) 1,1-Dichloroethene	2.27	96	73603	19.729	ug/l	99
13) Acrolein	2.18	56	23211	50.107	ug/l	99
14) Allyl chloride	2.58	41	136400m	19.446	ug/l	
15) Acrylonitrile	2.92	53	260468	103.081	ug/l	100
16) Acetone	2.31	43	230392	94.559	ug/l	99
17) Carbon Disulfide	2.47	76	195843	16.586	ug/l	98
18) Methyl Acetate	2.60	43	126396	20.075	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	252652	20.669	ug/l	100
20) Methylene Chloride	2.69	84	92091	19.965	ug/l	95
21) trans-1,2-Dichloroethene	2.97	96	78444	19.374	ug/l	98
22) Diisopropyl ether	3.55	45	268682	20.904	ug/l	95
23) Vinyl Acetate	3.50	43	1104294	100.013	ug/l	100
24) 1,1-Dichloroethane	3.43	63	156833	20.667	ug/l	99
25) 2-Butanone	4.24	43	346337	102.171	ug/l	99
26) 2,2-Dichloropropane	4.20	77	119446	19.344	ug/l	98
27) cis-1,2-Dichloroethene	4.21	96	91062	20.037	ug/l	97
28) Bromochloromethane	4.52	49	76877	20.562	ug/l	98
29) Tetrahydrofuran	4.62	42	220726	105.586	ug/l	99
30) Chloroform	4.65	83	152563	20.150	ug/l	98
31) Cyclohexane	4.97	56	128567	18.030	ug/l	93
32) 1,1,1-Trichloroethane	4.89	97	126920	20.468	ug/l	98
36) 1,1-Dichloropropene	5.12	75	106025	19.245	ug/l	99
37) Ethyl Acetate	4.36	43	126674	20.533	ug/l	99
38) Carbon Tetrachloride	5.12	117	108785	20.457	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	116562	17.951	ug/l	97
40) Benzene	5.37	78	340834	20.448	ug/l	100
41) Methacrylonitrile	4.52	41	65705	20.767	ug/l	98
42) 1,2-Dichloroethane	5.38	62	115295	20.031	ug/l	98
43) Isopropyl Acetate	5.53	43	189278	20.167	ug/l	100
44) Trichloroethene	6.17	130	92073	21.035	ug/l	98
45) 1,2-Dichloropropane	6.41	63	95792	20.877	ug/l	100
46) Dibromomethane	6.54	93	59699	20.195	ug/l	97
47) Bromodichloromethane	6.74	83	119178	20.606	ug/l	98
48) Methyl methacrylate	6.60	41	85240	18.821	ug/l	95
49) 1,4-Dioxane	6.59	88	39585	348.834	ug/l	98
51) 4-Methyl-2-Pentanone	7.44	43	648787	100.094	ug/l	99
52) Toluene	7.62	92	215082	20.947	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	124820	19.450	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	141131	20.130	ug/l	95
55) 1,1,2-Trichloroethane	8.05	97	88986	20.488	ug/l	99
56) Ethyl methacrylate	8.00	69	127948	18.386	ug/l	98
57) 1,3-Dichloropropane	8.22	76	149765	20.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	195143	81.214	ug/l	100
59) 2-Hexanone	8.34	43	484456	99.007	ug/l	100
60) Dibromochloromethane	8.46	129	94880	20.351	ug/l	100
61) 1,2-Dibromoethane	8.57	107	91841	20.074	ug/l	98
64) Tetrachloroethene	8.21	164	81248	21.548	ug/l	99
65) Chlorobenzene	9.10	112	235422	20.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	85201	20.336	ug/l	98
67) Ethyl Benzene	9.23	91	390609	19.943	ug/l	99
68) m/p-Xylenes	9.36	106	304604	40.901	ug/l	99
69) o-Xylene	9.76	106	143816	20.128	ug/l	100
70) Styrene	9.77	104	255653	20.868	ug/l	99
71) Bromoform	9.94	173	72642	19.956	ug/l #	99
73) Isopropylbenzene	10.15	105	396785	19.408	ug/l	99
74) N-amyl acetate	10.00	43	159156	18.509	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	150732	19.262	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	133650m	19.482	ug/l	
77) Bromobenzene	10.43	156	107210	19.494	ug/l	99
78) n-propylbenzene	10.57	91	458253	19.246	ug/l	100
79) 2-Chlorotoluene	10.64	91	278939	19.532	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	343741	19.837	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	34299m	16.835	ug/l	
82) 4-Chlorotoluene	10.75	91	320990	19.543	ug/l	99
83) tert-Butylbenzene	11.08	119	320774	18.804	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	336522	19.558	ug/l	98
85) sec-Butylbenzene	11.30	105	393659	19.254	ug/l	100
86) p-Isopropyltoluene	11.46	119	363790	19.674	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	194951	20.023	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	196173	19.923	ug/l	99
89) n-Butylbenzene	11.87	91	310399	19.040	ug/l	99
90) Hexachloroethane	12.12	117	53752	16.813	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	187164	20.067	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	29040	18.628	ug/l	98

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QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

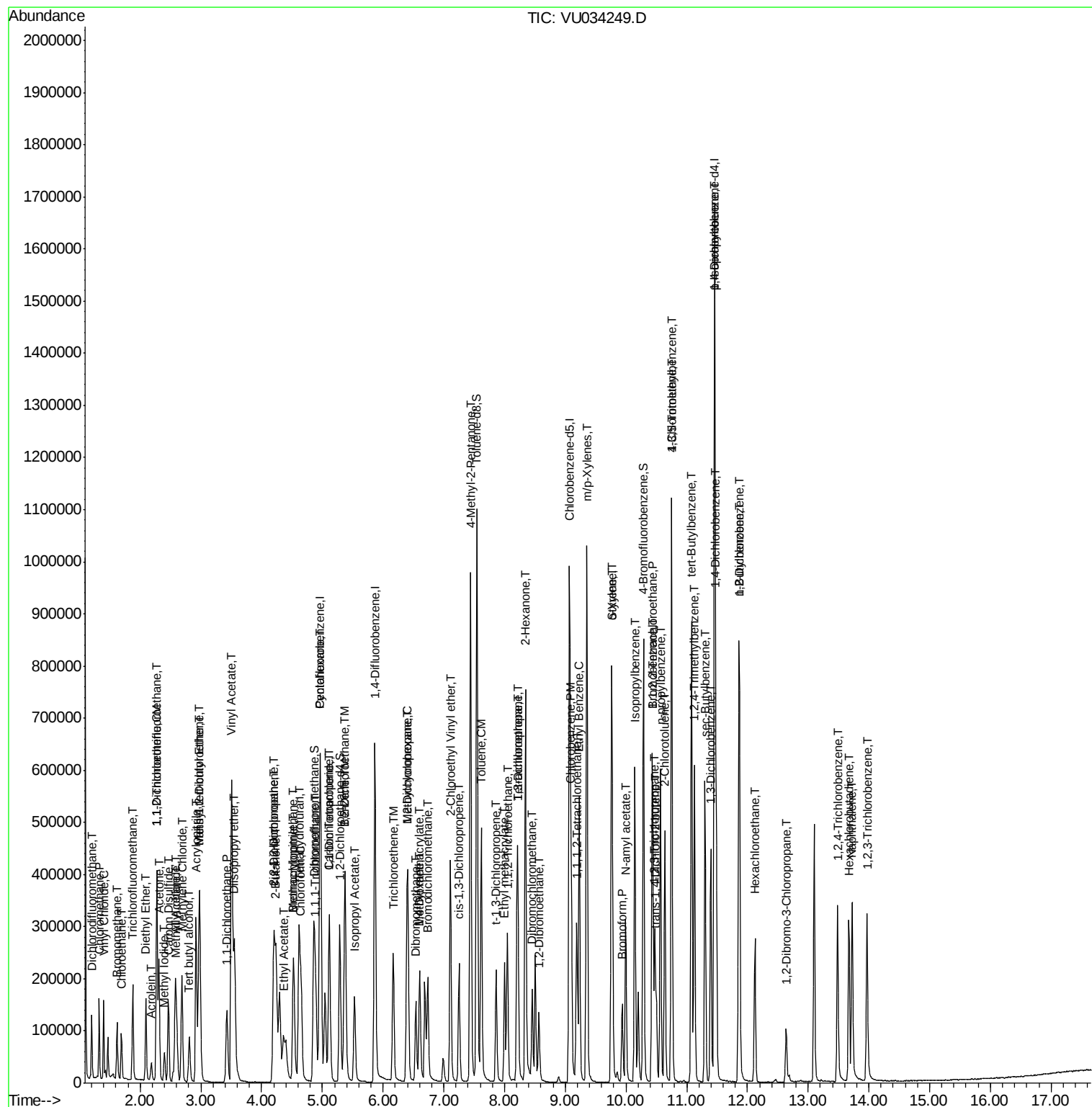
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	113324	17.816	ug/l	94
94) Hexachlorobutadiene	13.67	225	63365	17.367	ug/l	98
95) Naphthalene	13.73	128	320890	18.075	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	120214	20.121	ug/l	100

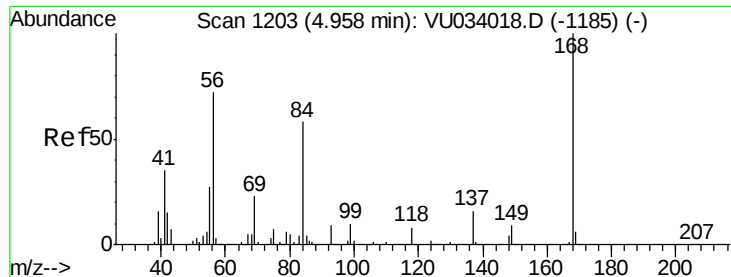
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090519\
 Data File : VU034249.D
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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: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

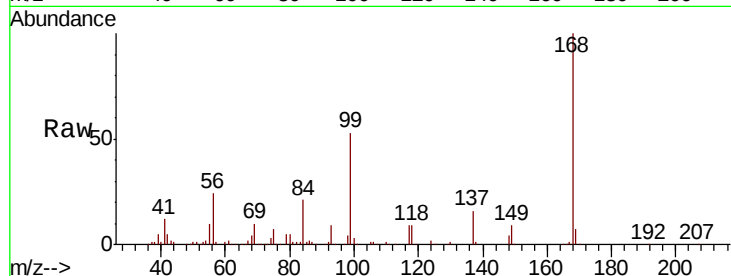
VU0905WBSD01

Tgt Ion:168 Resp: 372666

Ion Ratio Lower Upper

168 100

99 52.5 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

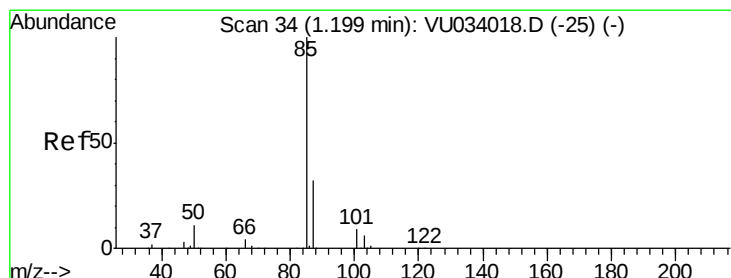
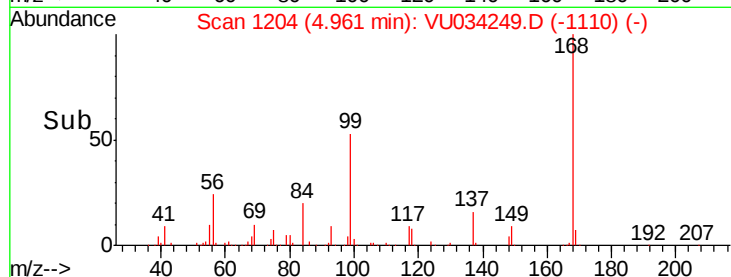
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.126 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034249.D

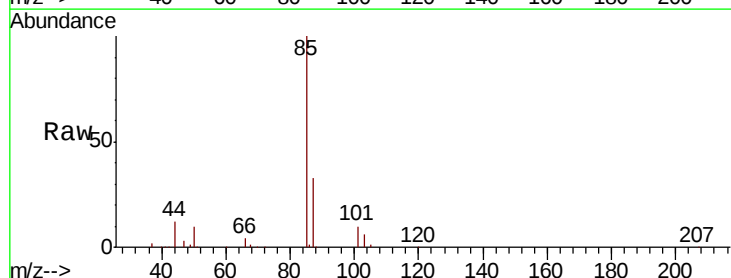
Acq: 04 Sep 2019 11:51

Tgt Ion: 85 Resp: 67934

Ion Ratio Lower Upper

85 100

87 33.1 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

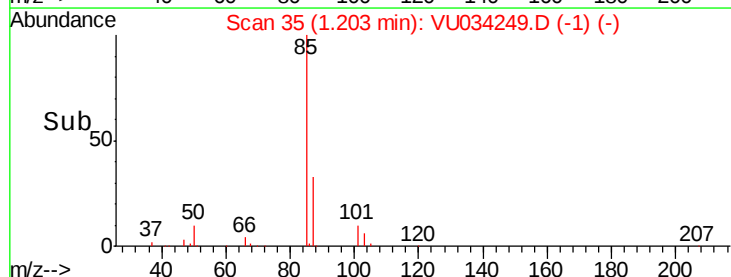
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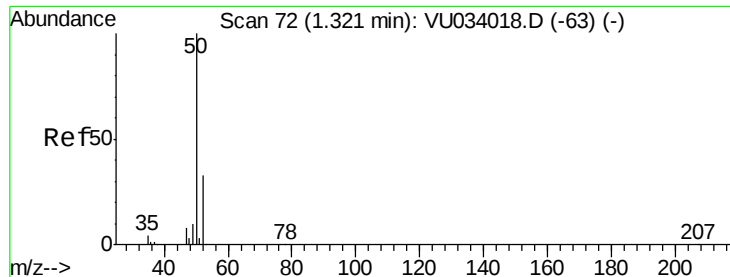
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.422 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

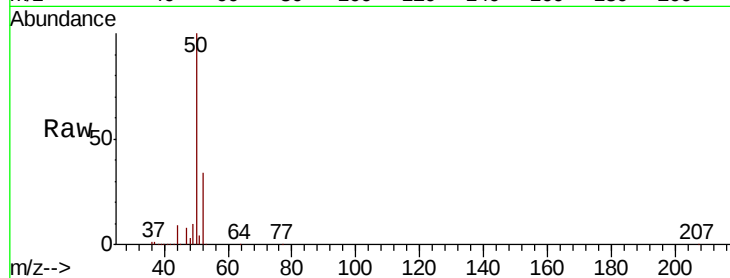
VU0905WBSD01

Tgt Ion: 50 Resp: 89228

Ion Ratio Lower Upper

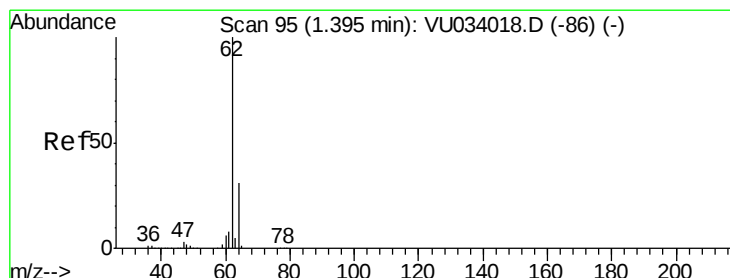
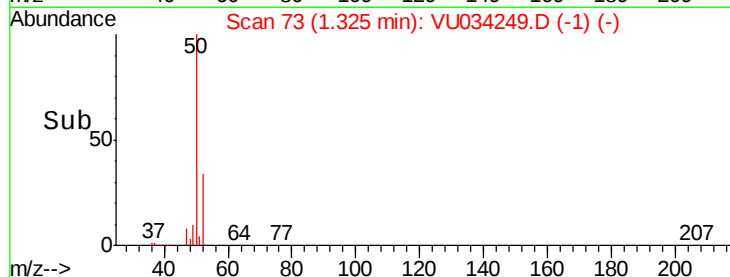
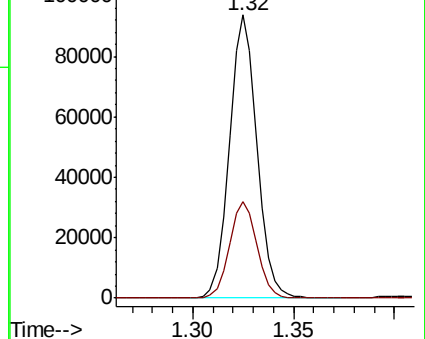
50 100

52 34.3 26.2 39.4



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

Ion 51.90 (51.60 to 52.60): VU034249.D (-1) (-)



#4

Vinyl Chloride

Concen: 18.407 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034249.D

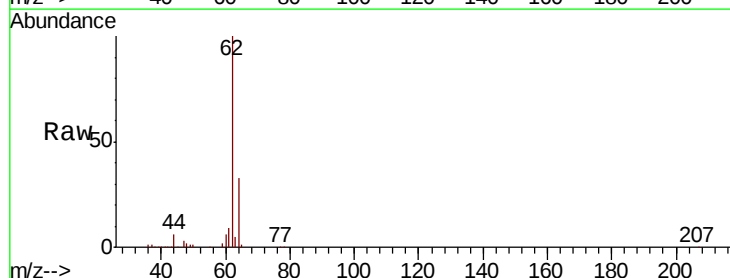
Acq: 04 Sep 2019 11:51

Tgt Ion: 62 Resp: 91823

Ion Ratio Lower Upper

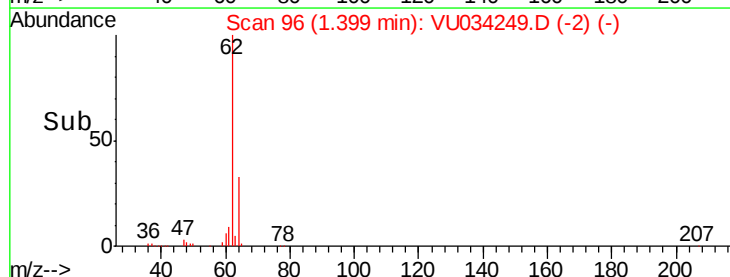
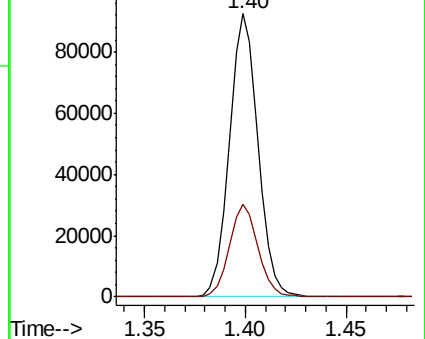
62 100

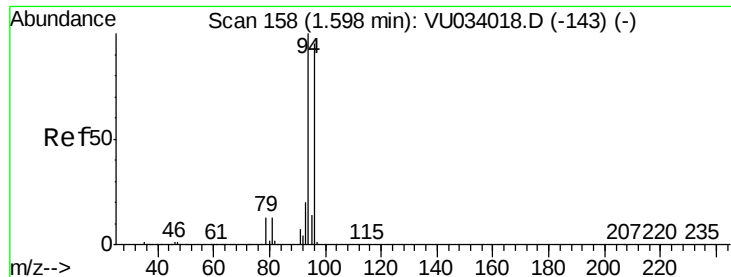
64 32.6 25.0 37.6



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

Ion 63.90 (63.60 to 64.60): VU034249.D (-2) (-)





#5

Bromomethane

Concen: 17.725 ug/l

RT: 1.62 min Scan# 164

Delta R.T. 0.02 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

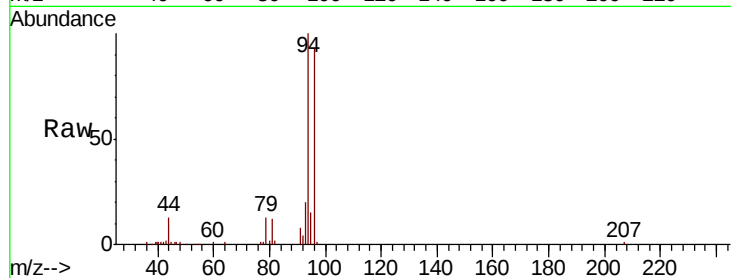
VU0905WBSD01

Tgt Ion: 94 Resp: 51563

Ion Ratio Lower Upper

94 100

96 93.4 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034018.D (-143) (-)

Ion 95.90 (95.60 to 96.60): VU034018.D (-143) (-)

1.62

40000

30000

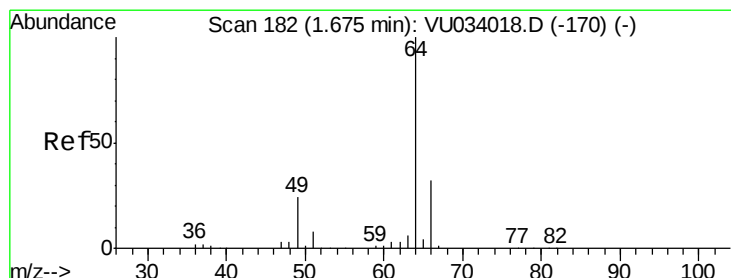
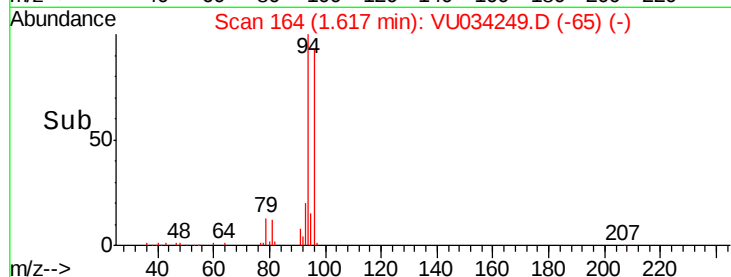
20000

10000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 18.887 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.02 min

Lab File: VU034249.D

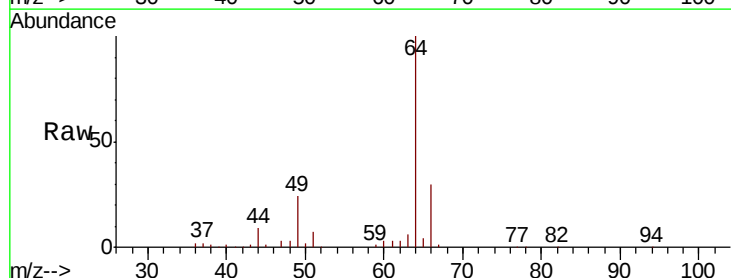
Acq: 04 Sep 2019 11:51

Tgt Ion: 64 Resp: 57599

Ion Ratio Lower Upper

64 100

66 30.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034018.D (-170) (-)

Ion 65.90 (65.60 to 66.60): VU034018.D (-170) (-)

1.69

50000

40000

30000

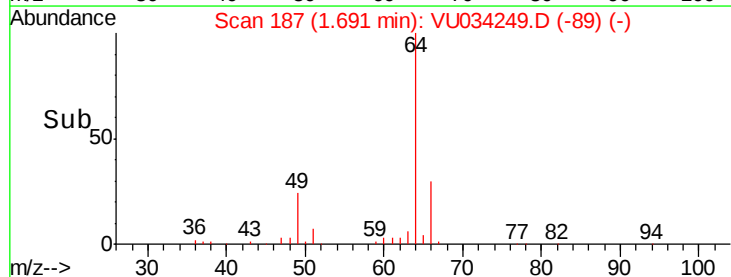
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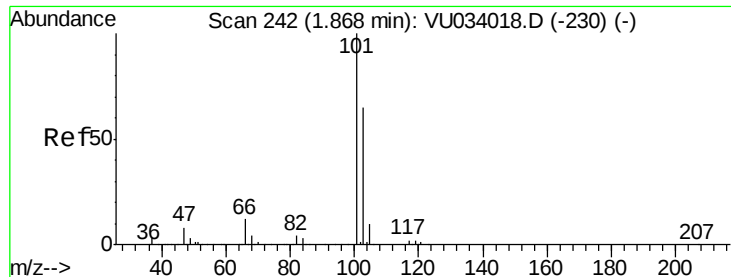
10000

0

1.60 1.65 1.70 1.75

Time-->



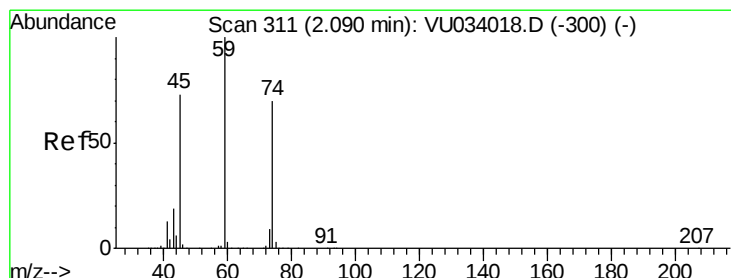
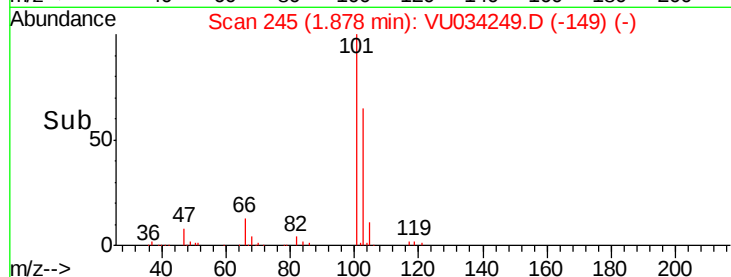
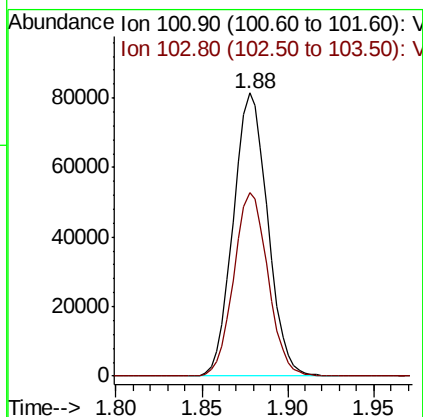
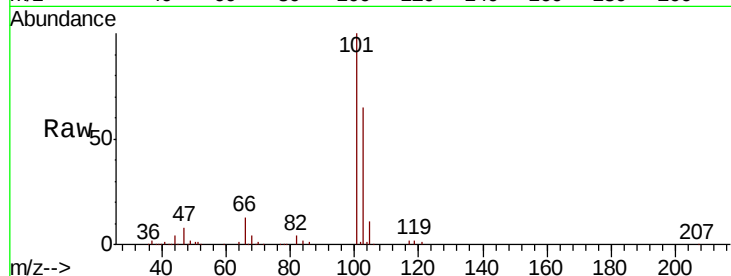


#7

Trichlorofluoromethane
Concen: 19.582 ug/l
RT: 1.88 min Scan# 245
Delta R.T. 0.01 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

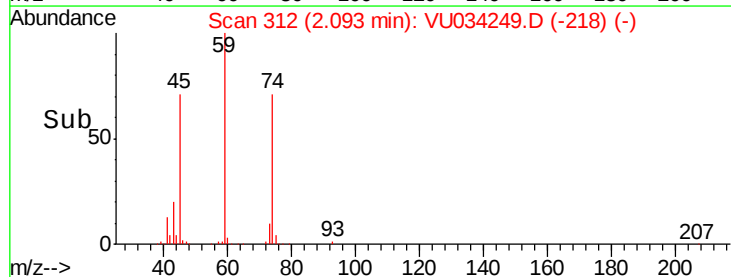
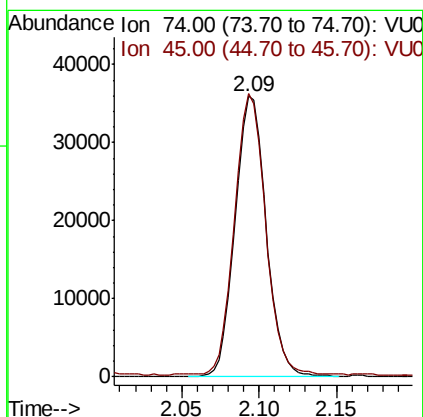
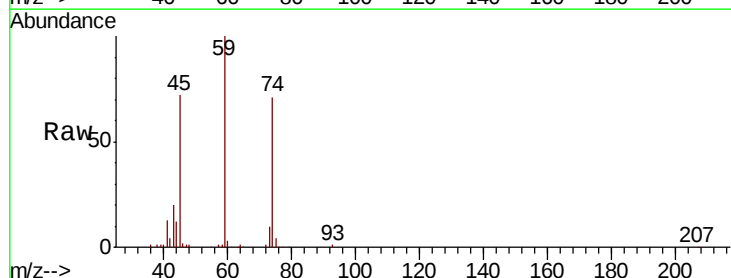
Tgt Ion:101 Resp: 113181
Ion Ratio Lower Upper
101 100
103 64.9 52.1 78.1

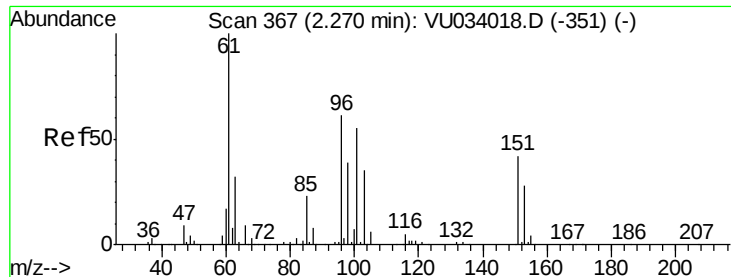


#8

Diethyl Ether
Concen: 20.256 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion: 74 Resp: 50086
Ion Ratio Lower Upper
74 100
45 98.9 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.126 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.01 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0905WBSD01

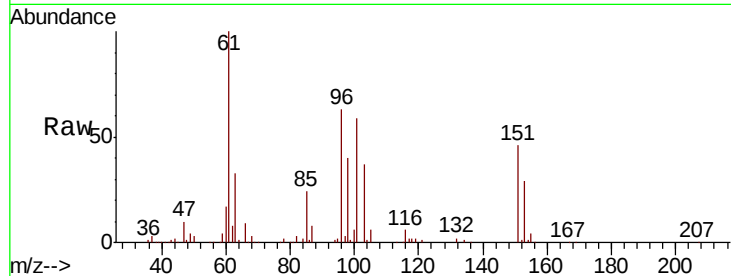
Tgt Ion:101 Resp: 73696

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.2

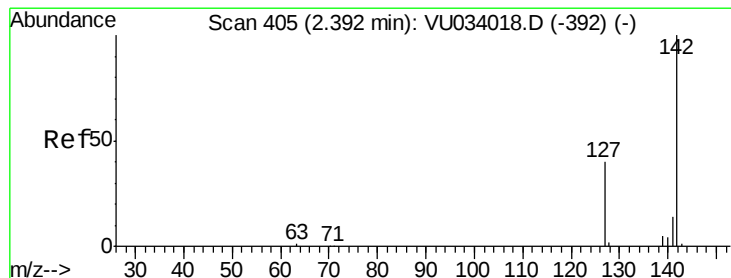
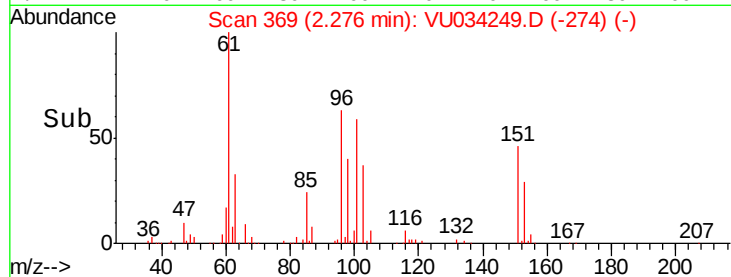
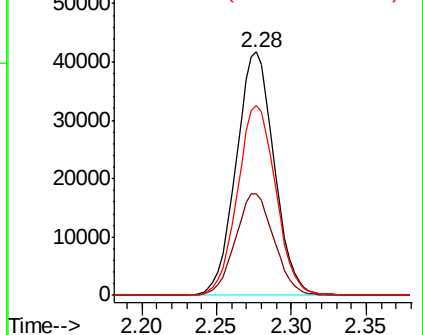
151 78.8 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.684 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

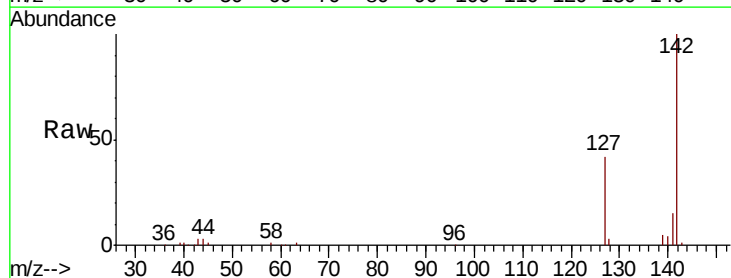
Tgt Ion:142 Resp: 55496

Ion Ratio Lower Upper

142 100

127 42.0 32.6 48.8

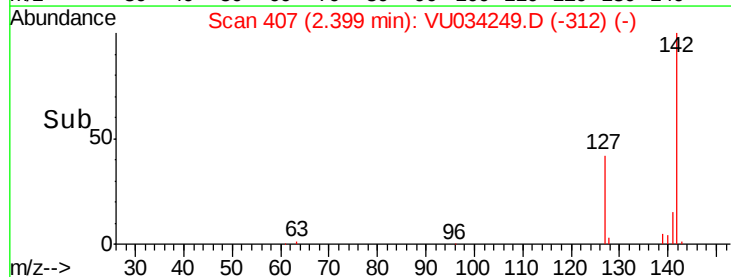
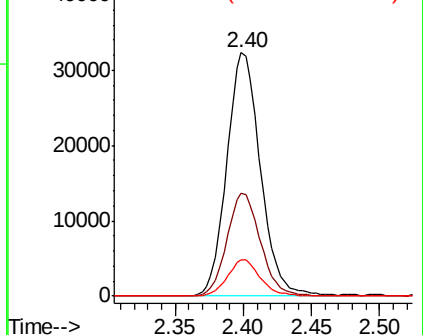
141 14.7 11.3 16.9

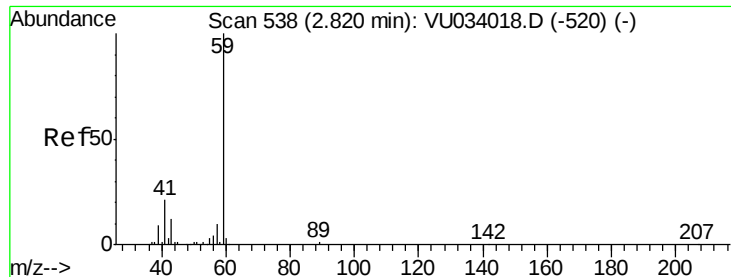


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

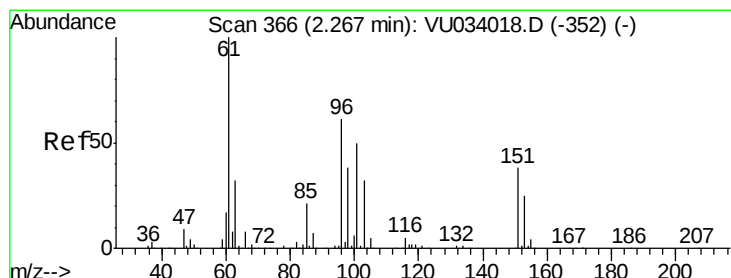
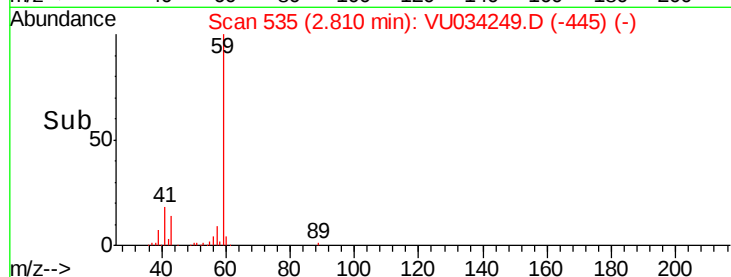
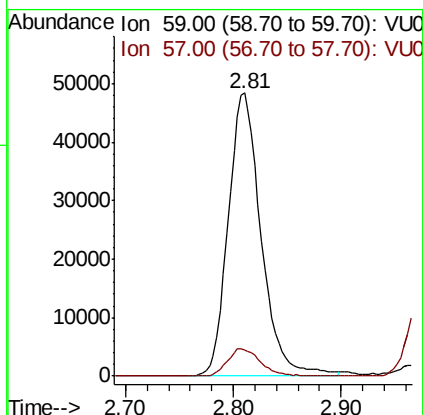
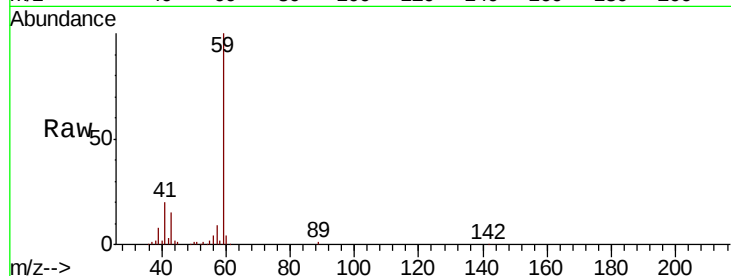




#11
Tert butyl alcohol
Concen: 93.501 ug/l
RT: 2.81 min Scan# 535
Delta R.T. -0.01 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

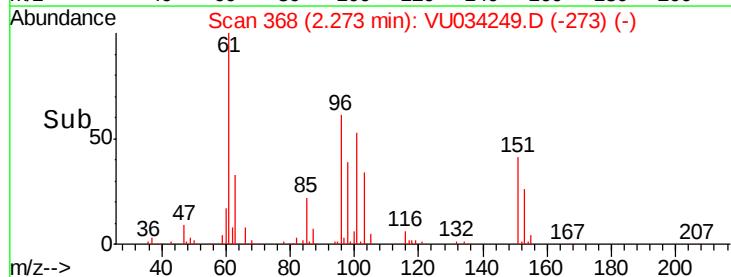
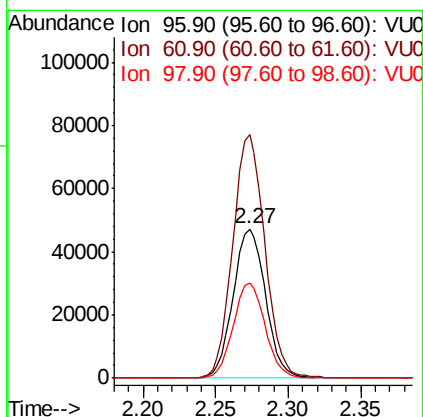
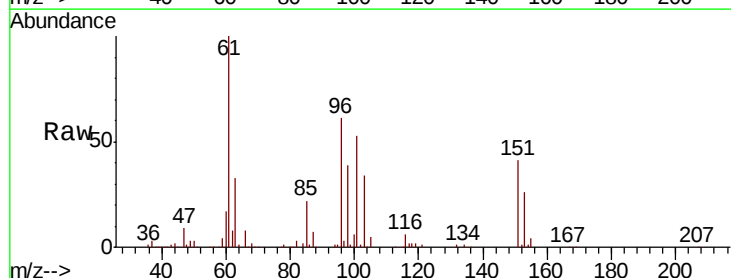
Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

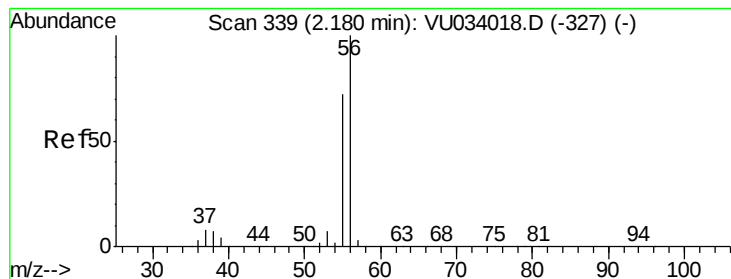
Tgt Ion: 59 Resp: 102960
Ion Ratio Lower Upper
59 100
57 9.6 8.0 12.0



#12
1,1-Dichloroethene
Concen: 19.729 ug/l
RT: 2.27 min Scan# 368
Delta R.T. 0.01 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion: 96 Resp: 73603
Ion Ratio Lower Upper
96 100
61 163.0 131.3 196.9
98 63.8 50.3 75.5





#13

Acrolein

Concen: 50.107 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

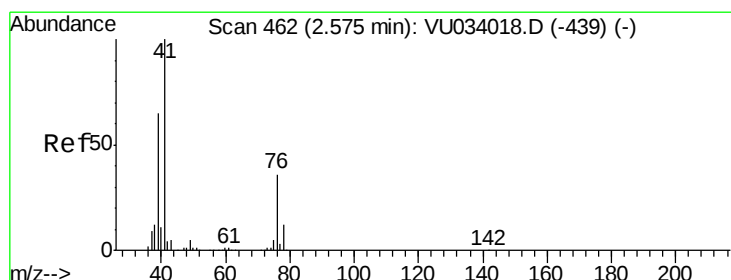
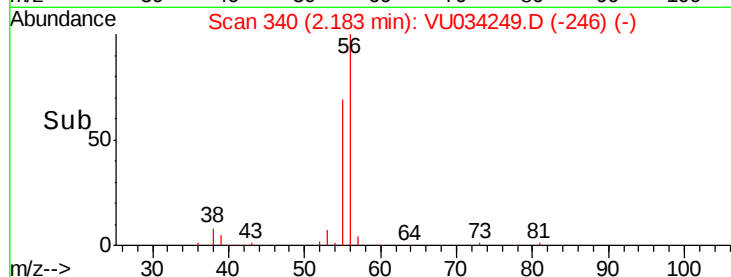
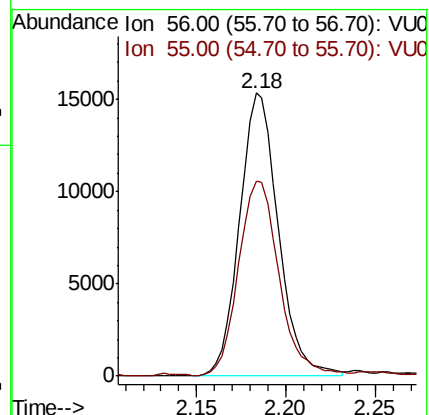
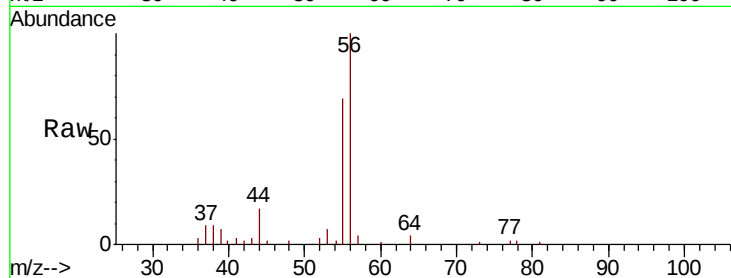
VU0905WBSD01

Tgt Ion: 56 Resp: 23211

Ion Ratio Lower Upper

56 100

55 72.4 57.1 85.7



#14

Allyl chloride

Concen: 19.446 ug/l m

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

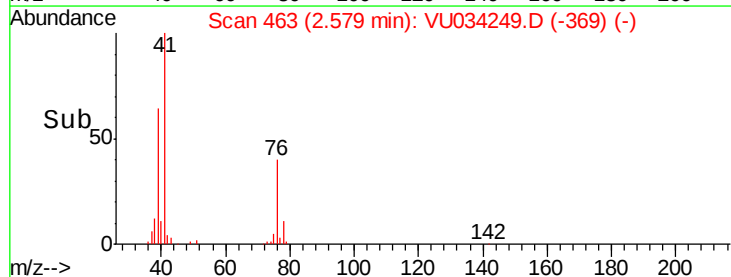
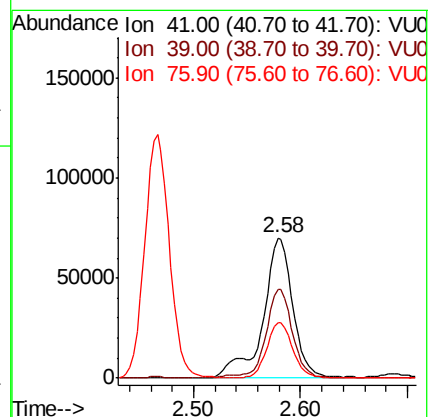
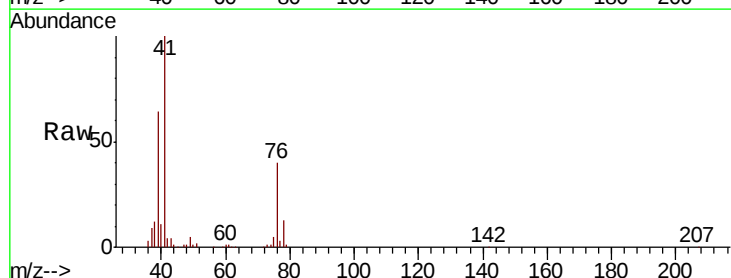
Tgt Ion: 41 Resp: 136400

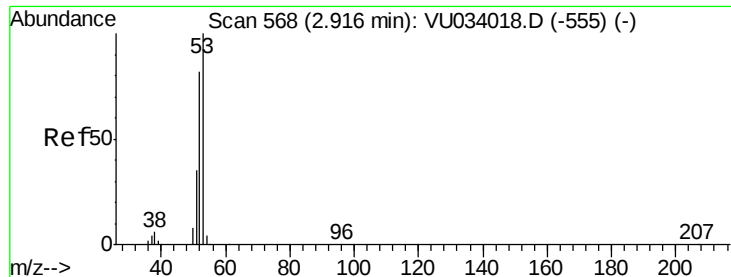
Ion Ratio Lower Upper

41 100

39 56.7 46.8 70.2

76 33.5 26.6 40.0





#15

Acrylonitrile

Concen: 103.081 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0905WBSD01

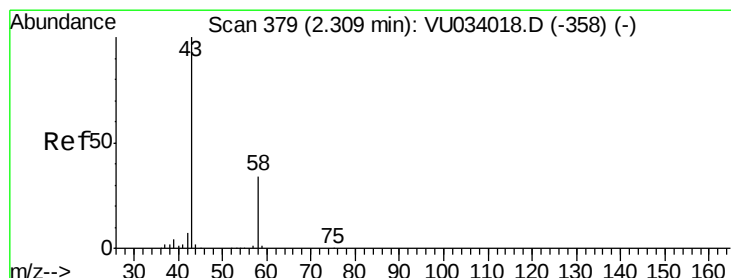
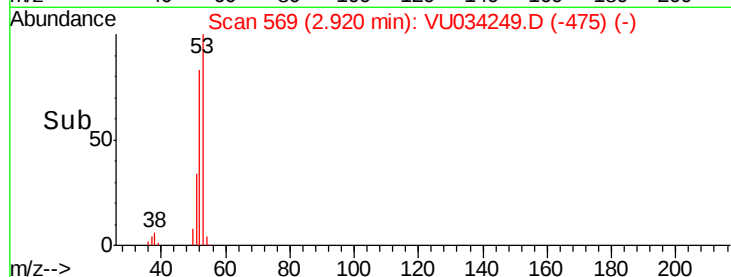
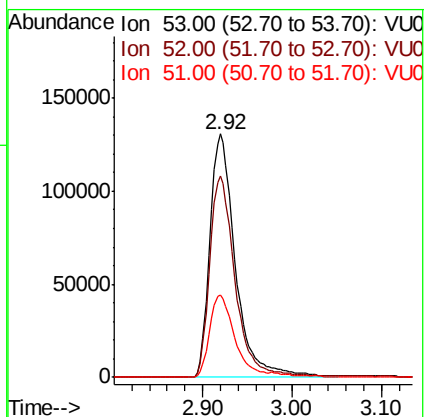
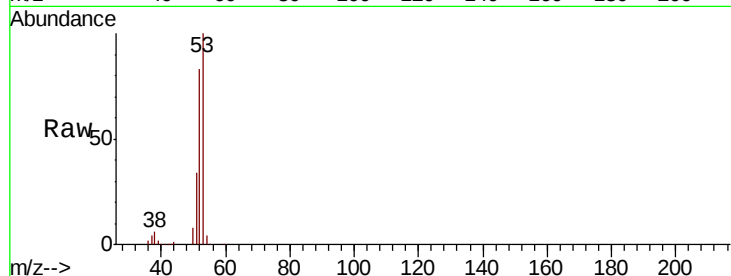
Tgt Ion: 53 Resp: 260468

Ion Ratio Lower Upper

53 100

52 82.3 65.7 98.5

51 34.6 27.9 41.9



#16

Acetone

Concen: 94.559 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034249.D

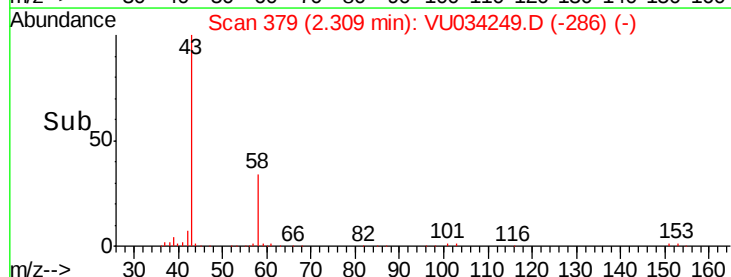
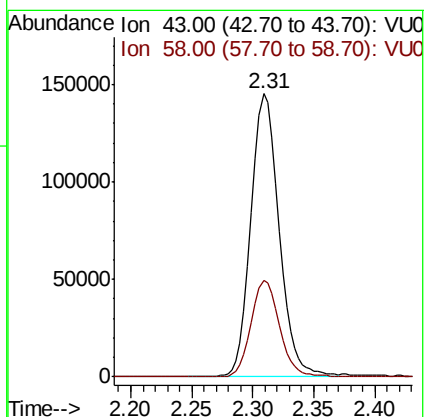
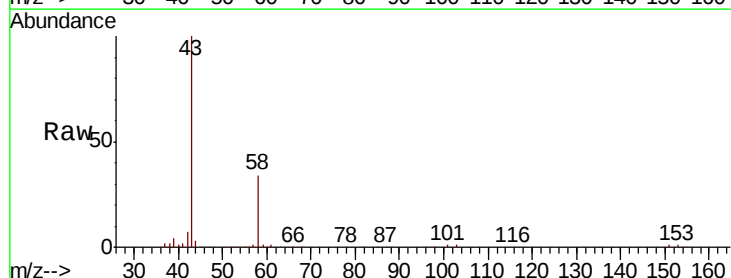
Acq: 04 Sep 2019 11:51

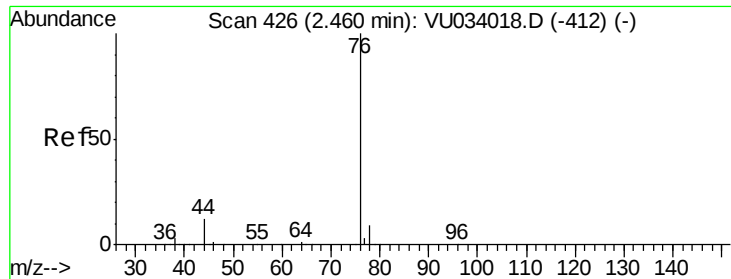
Tgt Ion: 43 Resp: 230392

Ion Ratio Lower Upper

43 100

58 34.1 26.8 40.2

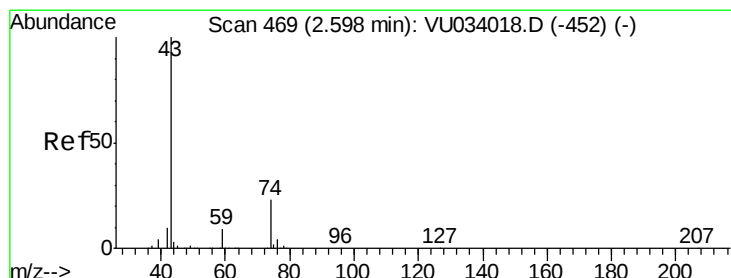
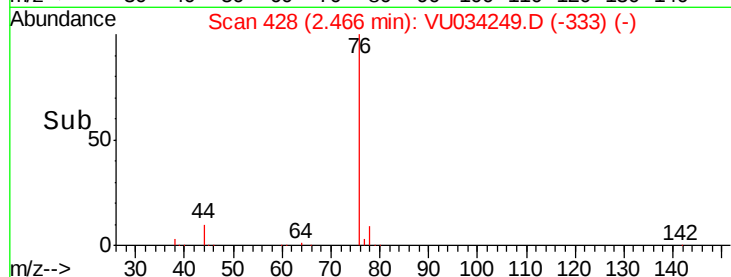
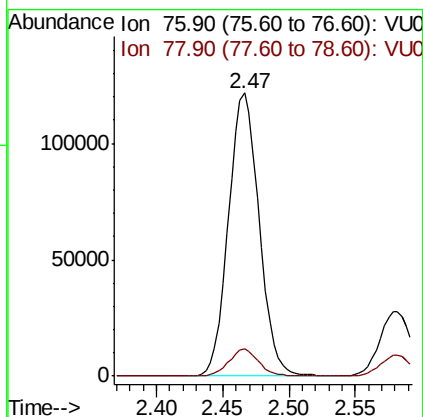
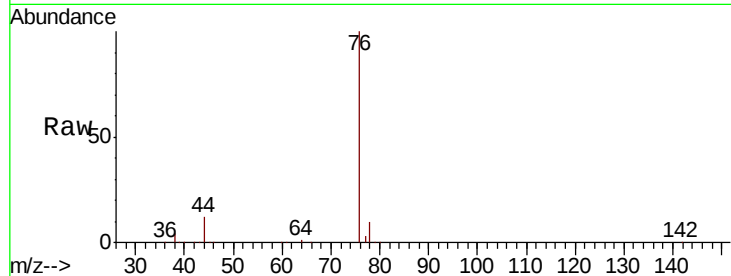




#17
Carbon Disulfide
Concen: 16.586 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.01 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

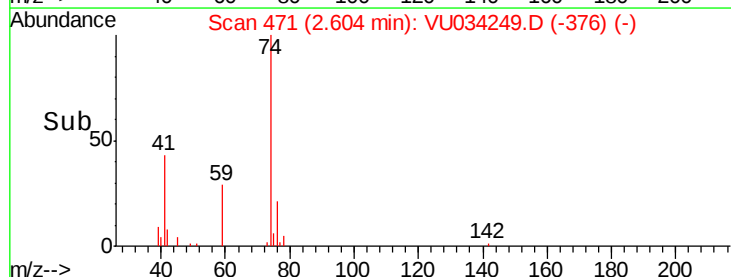
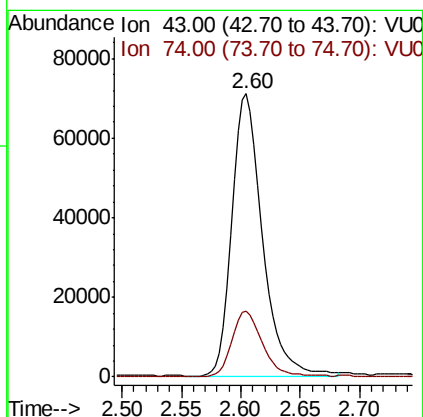
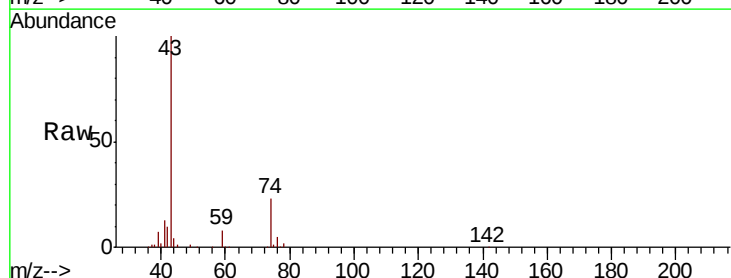
Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

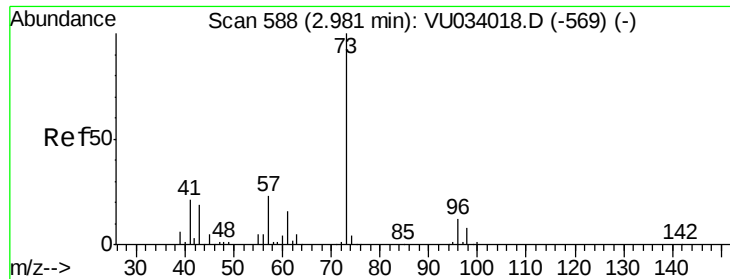
Tgt Ion: 76 Resp: 195843
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 20.075 ug/l
RT: 2.60 min Scan# 471
Delta R.T. 0.01 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion: 43 Resp: 126396
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8

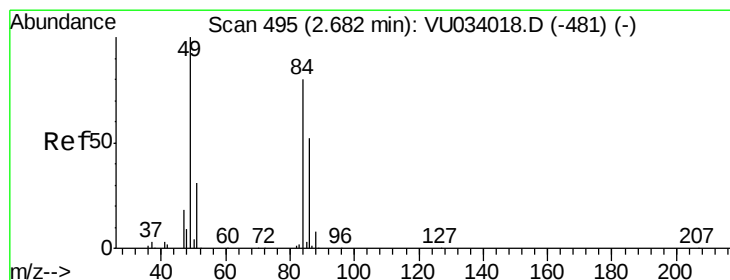
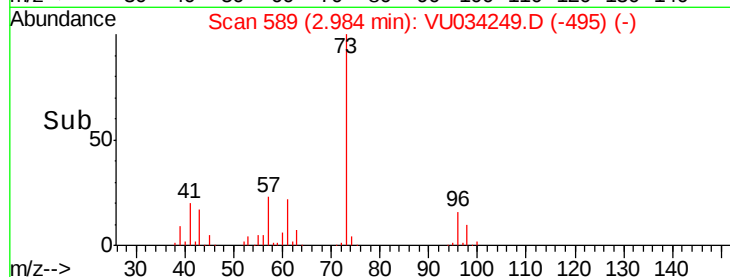
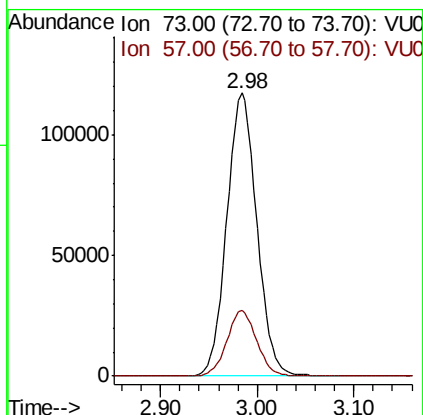
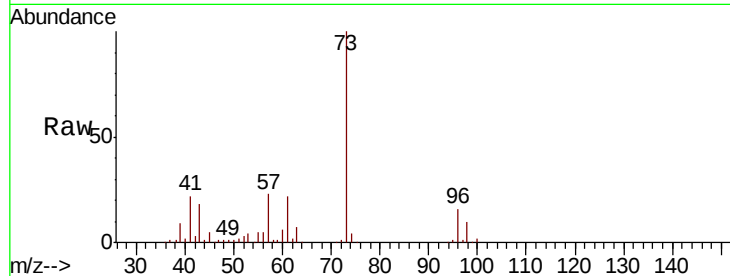




#19
Methyl tert-butyl Ether
Concen: 20.669 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

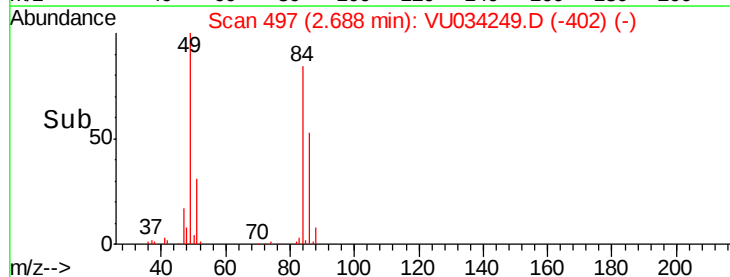
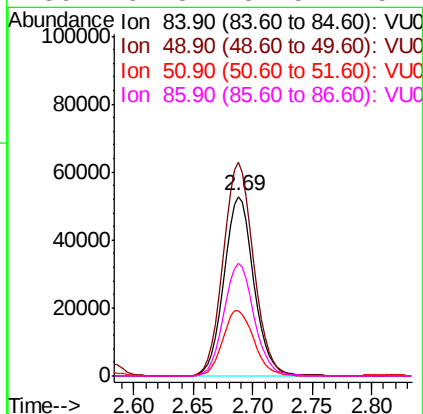
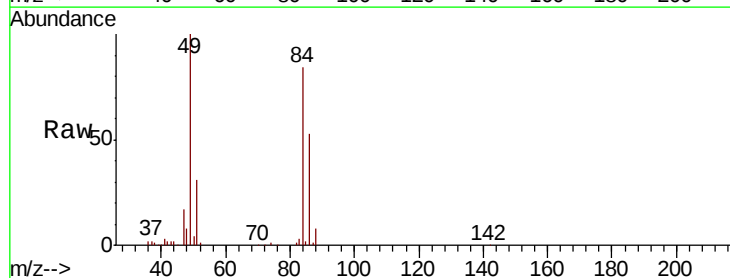
Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

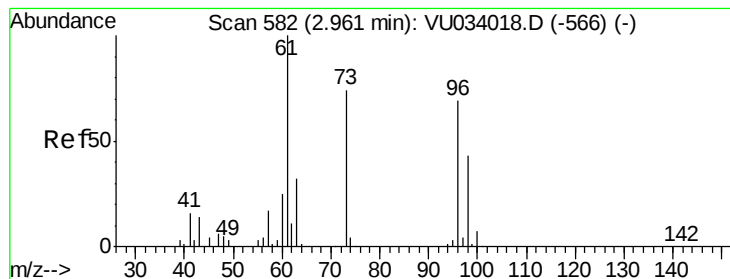
Tgt Ion: 73 Resp: 252652
Ion Ratio Lower Upper
73 100
57 23.0 18.3 27.5



#20
Methylene Chloride
Concen: 19.965 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion: 84 Resp: 92091
Ion Ratio Lower Upper
84 100
49 118.9 100.2 150.4
51 36.4 30.8 46.2
86 62.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.374 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0905WBSD01

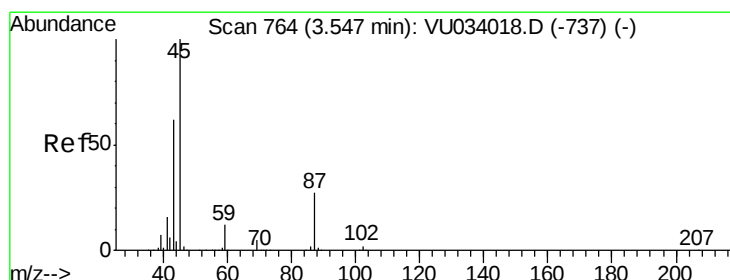
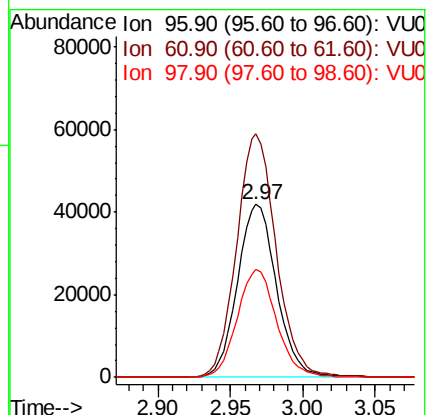
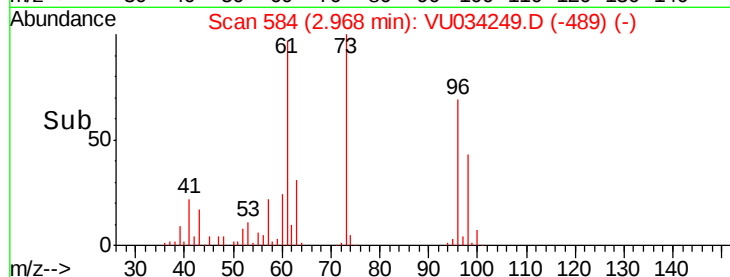
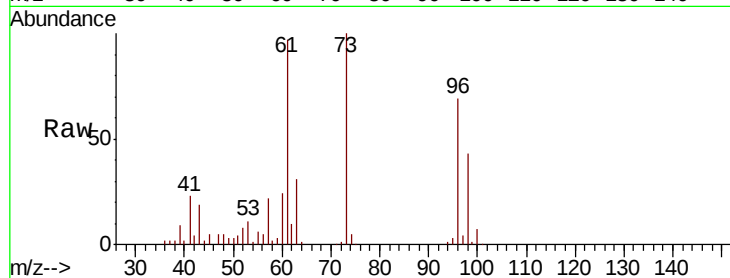
Tgt Ion: 96 Resp: 78444

Ion Ratio Lower Upper

96 100

61 140.7 115.5 173.3

98 62.2 50.1 75.1



#22

Diisopropyl ether

Concen: 20.904 ug/l

RT: 3.55 min Scan# 766

Delta R.T. 0.01 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Tgt Ion: 45 Resp: 268682

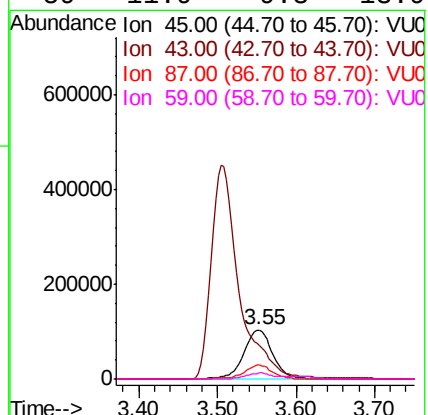
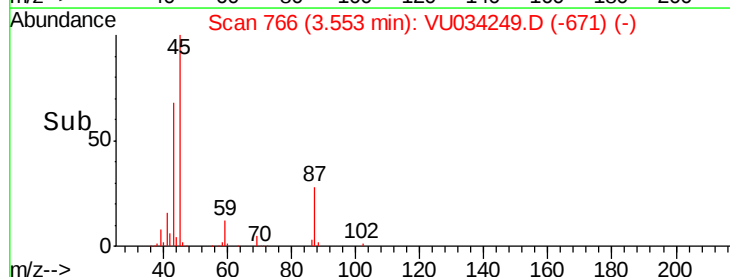
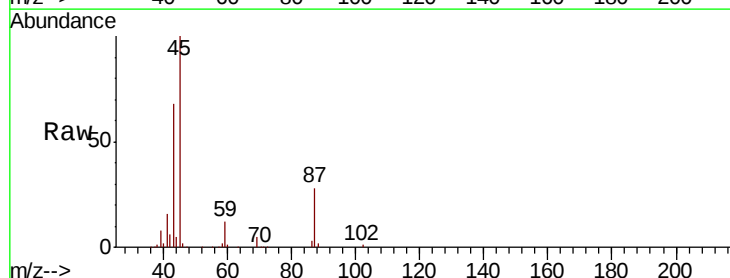
Ion Ratio Lower Upper

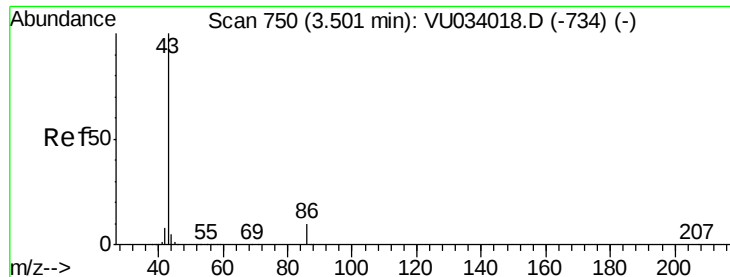
45 100

43 68.2 49.7 74.5

87 28.0 21.8 32.8

59 11.9 9.3 13.9





#23

Vinyl Acetate

Concen: 100.013 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

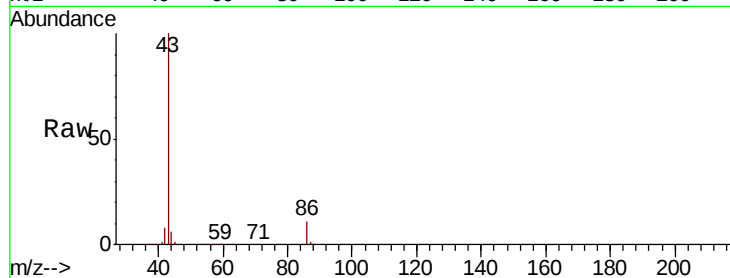
VU0905WBSD01

Tgt Ion: 43 Resp: 1104294

Ion Ratio Lower Upper

43 100

86 10.5 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) (-)

3.50

400000

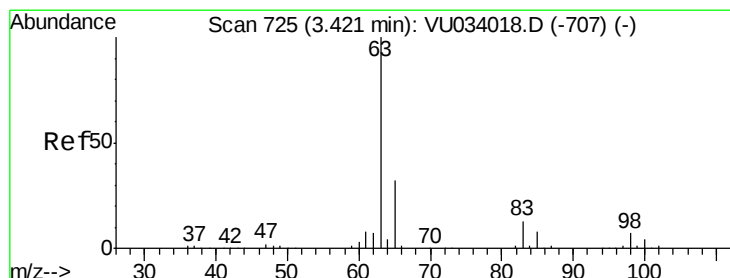
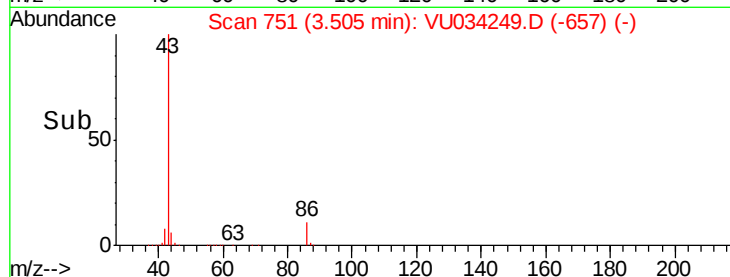
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.667 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.01 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

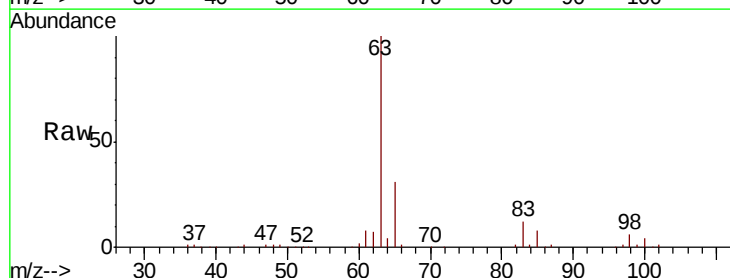
Tgt Ion: 63 Resp: 156833

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

100 4.2 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

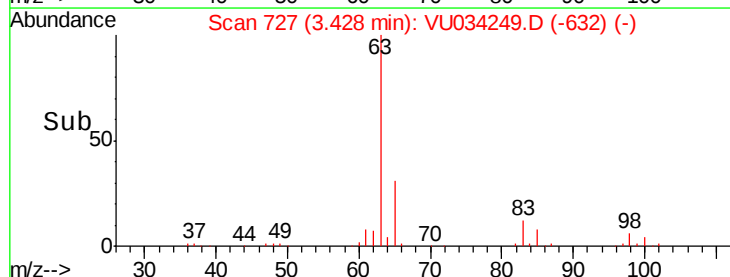
60000

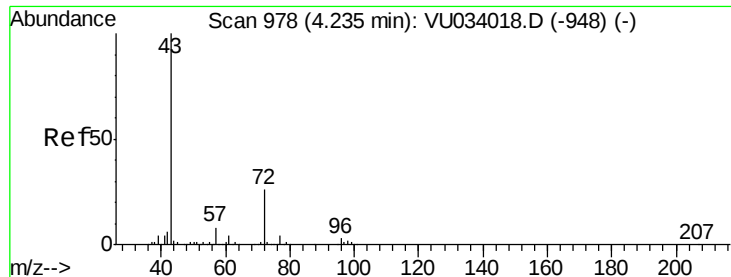
40000

20000

0

Time-->

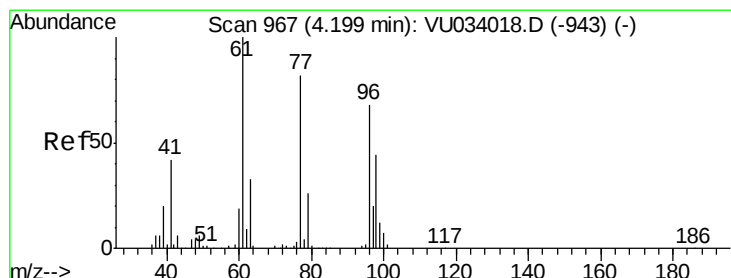
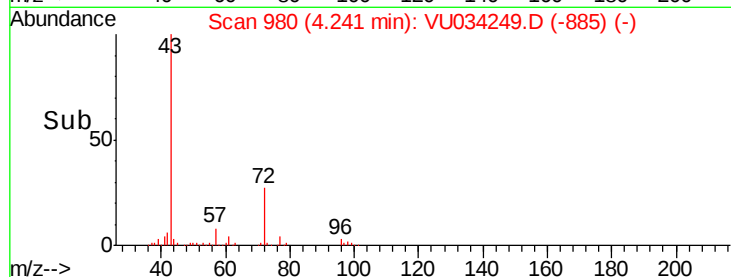
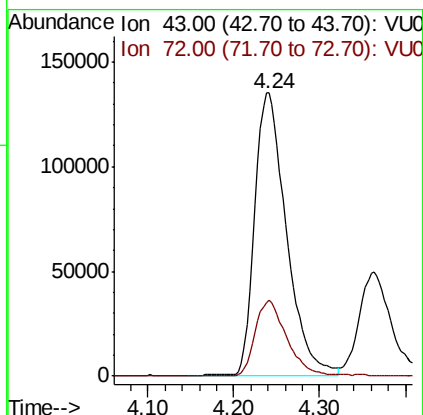
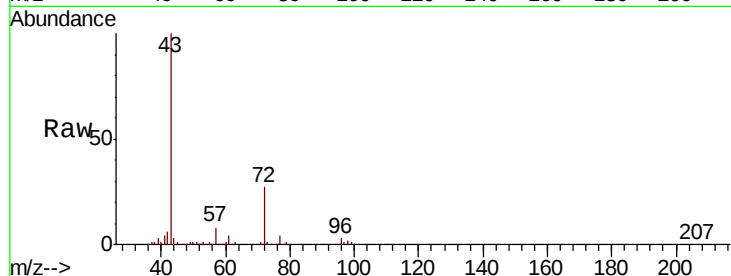




#25
2-Butanone
Concen: 102.171 ug/l
RT: 4.24 min Scan# 980
Delta R.T. 0.01 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

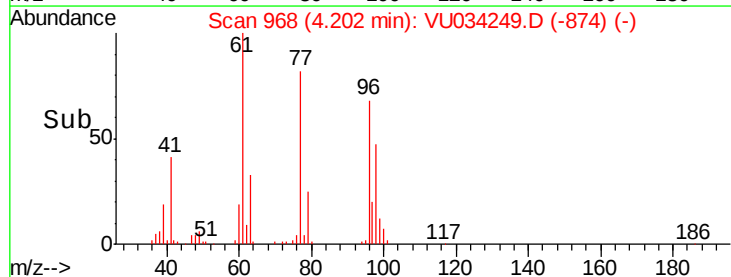
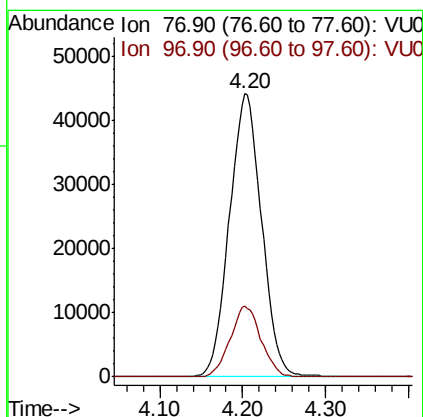
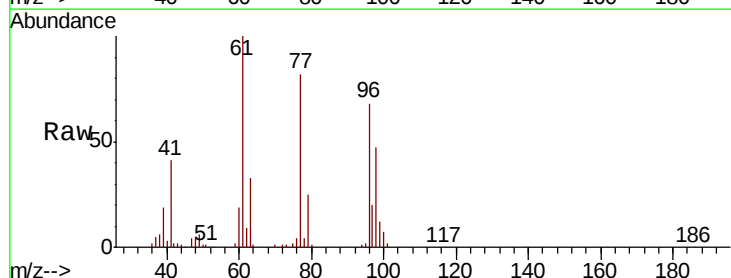
Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

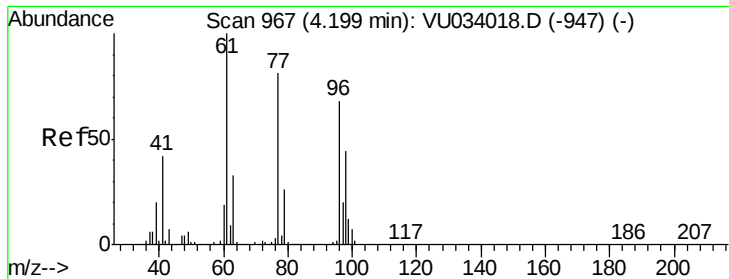
Tgt Ion: 43 Resp: 346337
Ion Ratio Lower Upper
43 100
72 26.8 21.2 31.8



#26
2,2-Dichloropropane
Concen: 19.344 ug/l
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion: 77 Resp: 119446
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.7



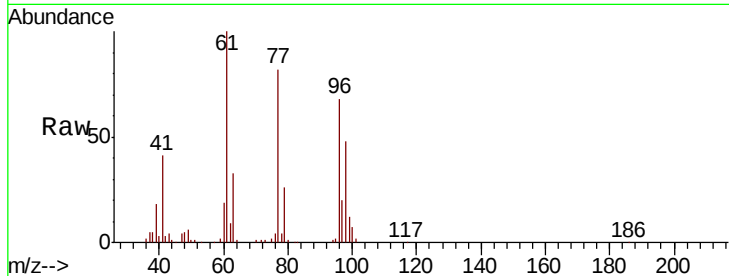


#27

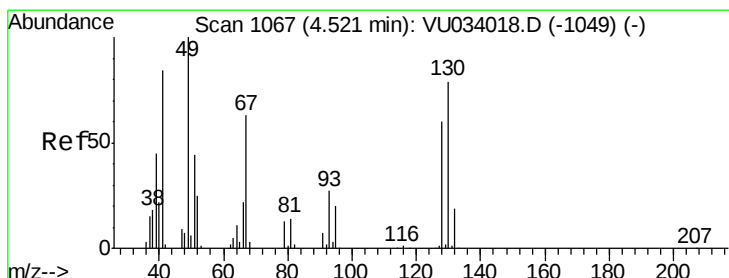
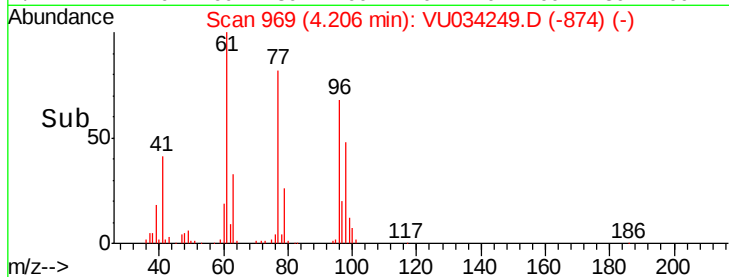
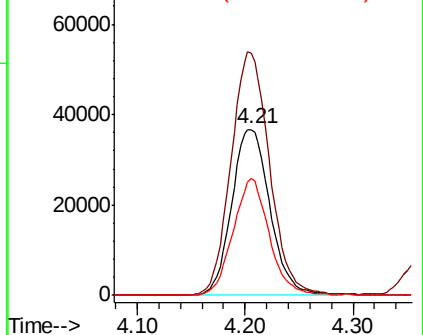
cis-1,2-Dichloroethene
 Concen: 20.037 ug/l
 RT: 4.21 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBSD01

Tgt Ion: 96 Resp: 91062
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 303.0
 98 66.0 0.0 129.2



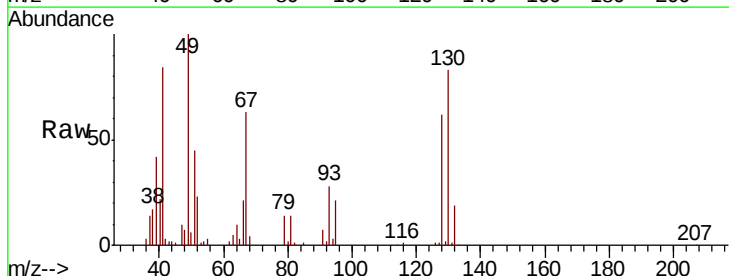
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



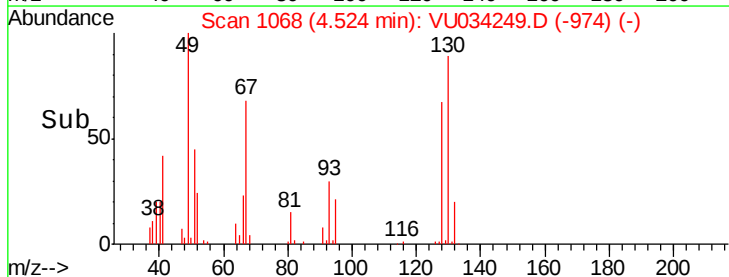
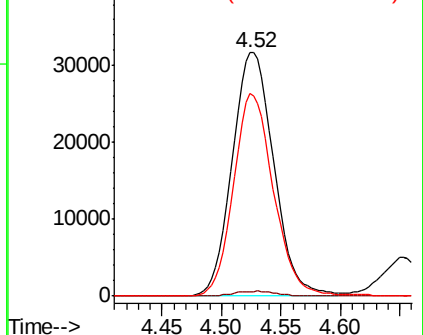
#28

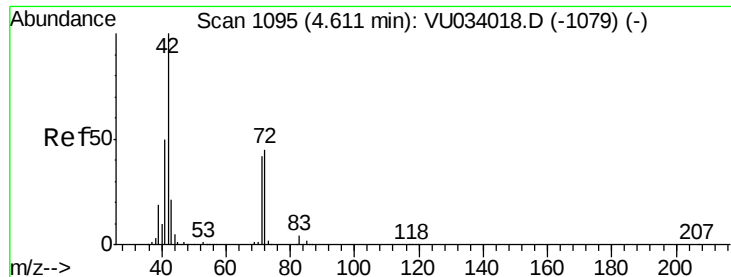
Bromochloromethane
 Concen: 20.562 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Tgt Ion: 49 Resp: 76877
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 79.9 62.8 94.2



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 105.586 ug/l

RT: 4.62 min Scan# 1097

Delta R.T. 0.01 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0905WBSD01

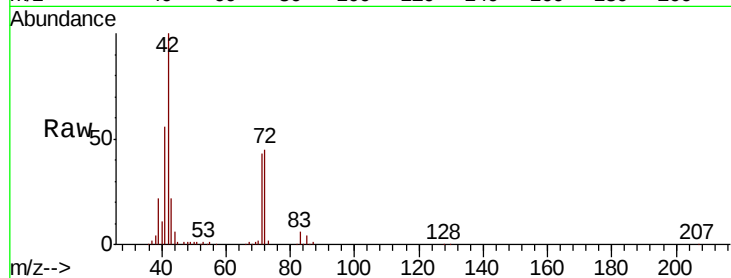
Tgt Ion: 42 Resp: 220726

Ion Ratio Lower Upper

42 100

72 44.9 35.8 53.6

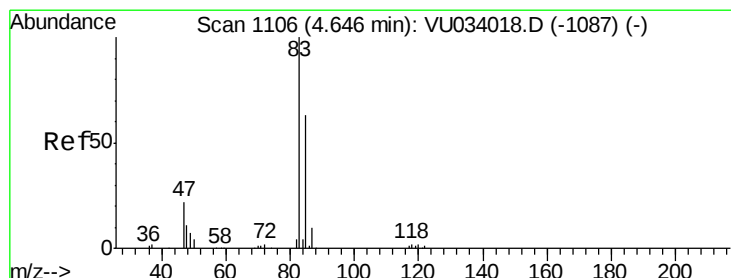
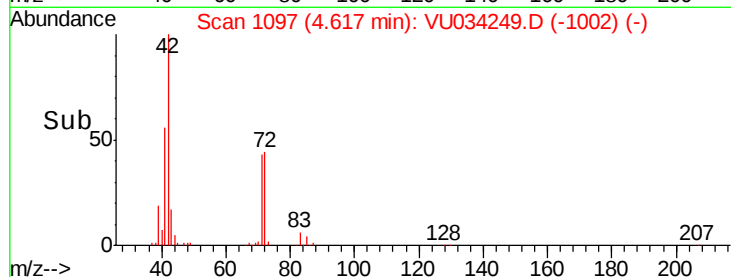
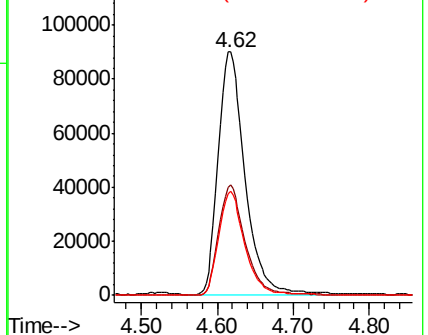
71 42.0 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 20.150 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU034249.D

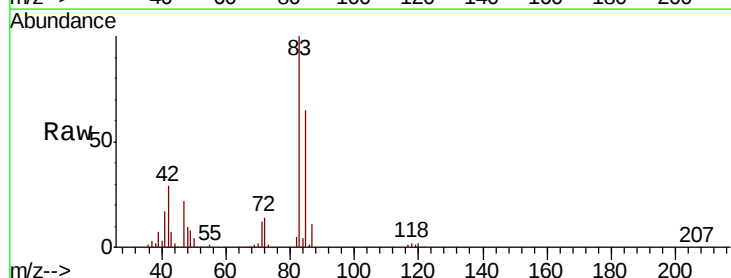
Acq: 04 Sep 2019 11:51

Tgt Ion: 83 Resp: 152563

Ion Ratio Lower Upper

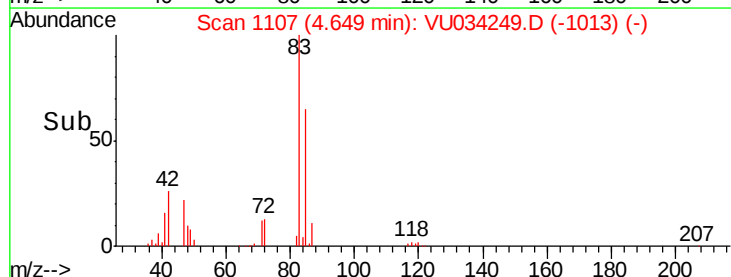
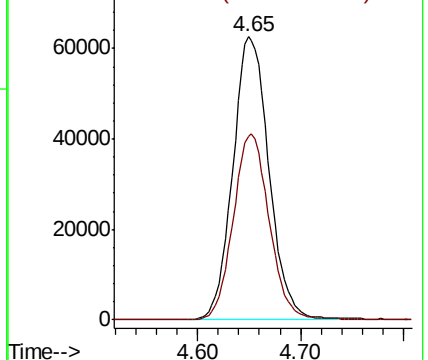
83 100

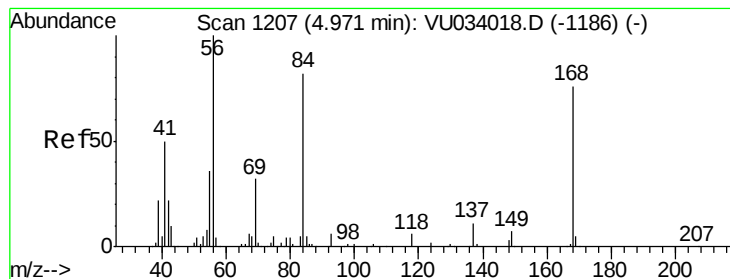
85 64.8 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 18.030 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0905WBSD01

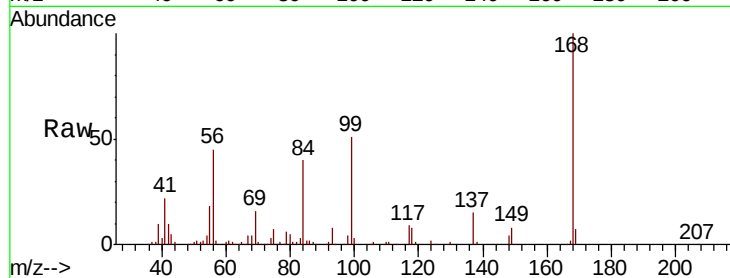
Tgt Ion: 56 Resp: 128567

Ion Ratio Lower Upper

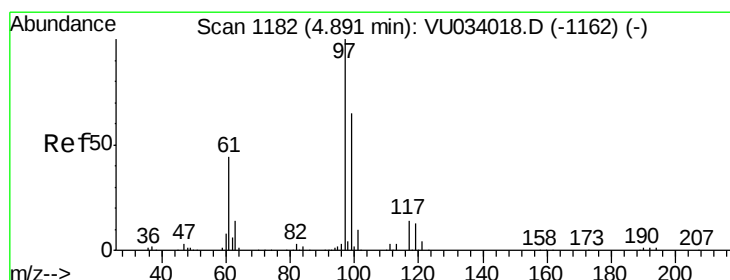
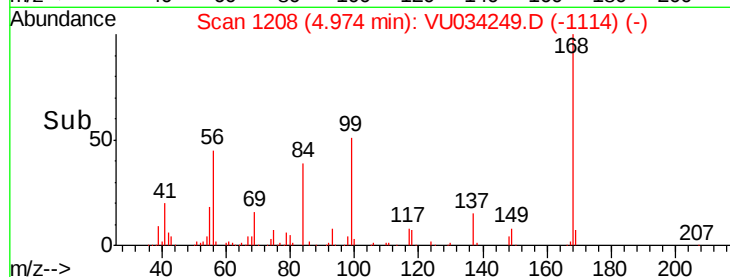
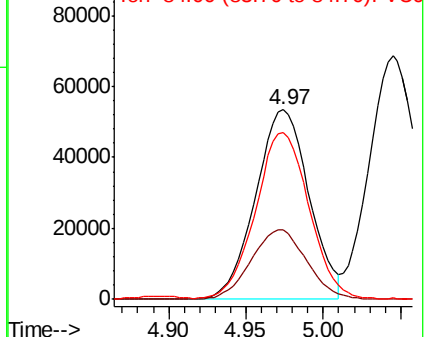
56 100

69 36.5 25.4 38.0

84 87.5 65.8 98.8



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



#32

1,1,1-Trichloroethane

Concen: 20.468 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

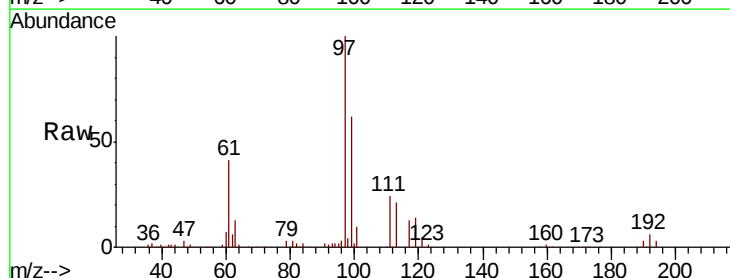
Tgt Ion: 97 Resp: 126920

Ion Ratio Lower Upper

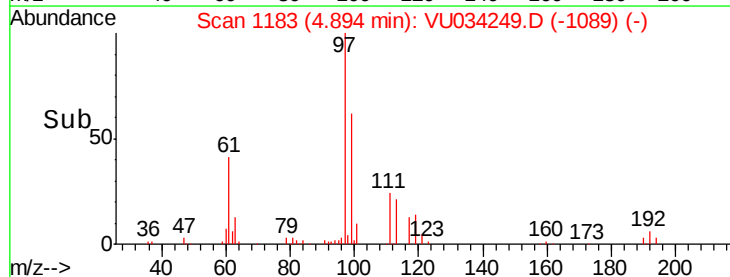
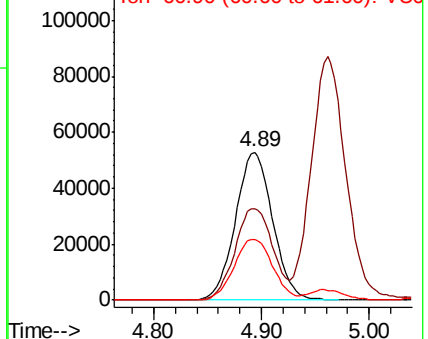
97 100

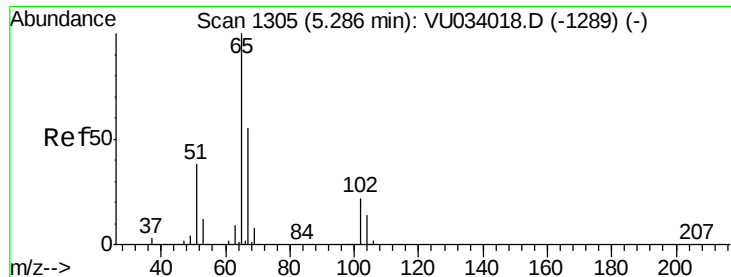
99 63.4 51.8 77.6

61 42.9 35.3 52.9



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





#33

1,2-Dichloroethane-d4

Concen: 48.985 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

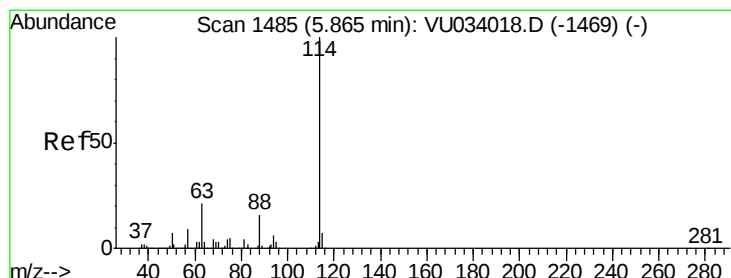
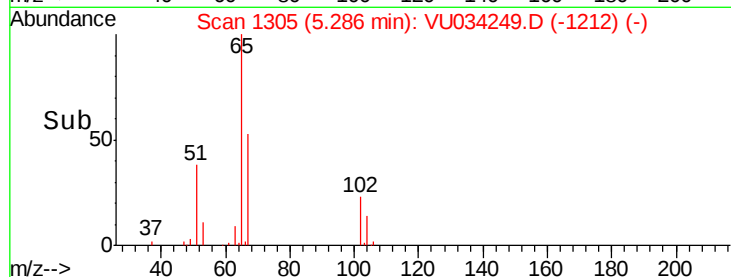
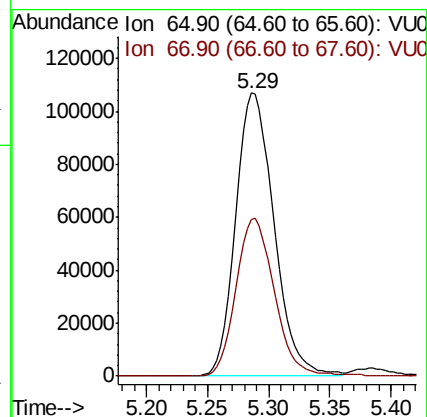
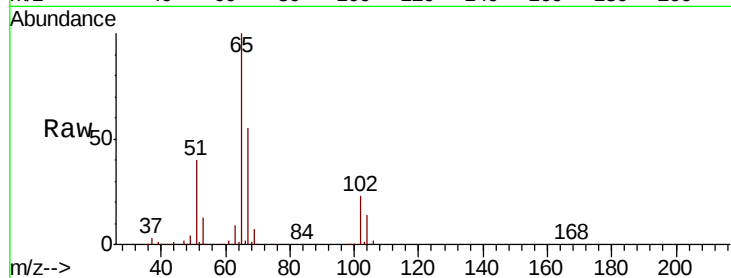
VU0905WBSD01

Tgt Ion: 65 Resp: 233908

Ion Ratio Lower Upper

65 100

67 55.7 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

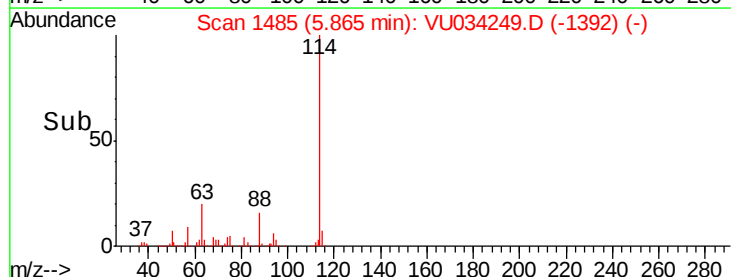
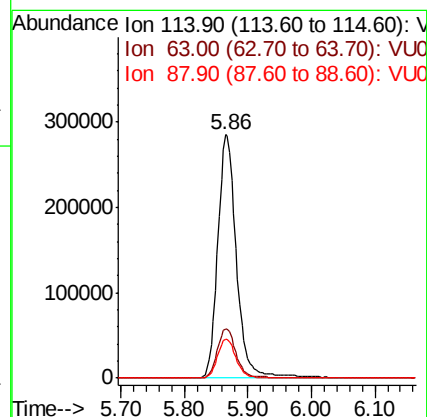
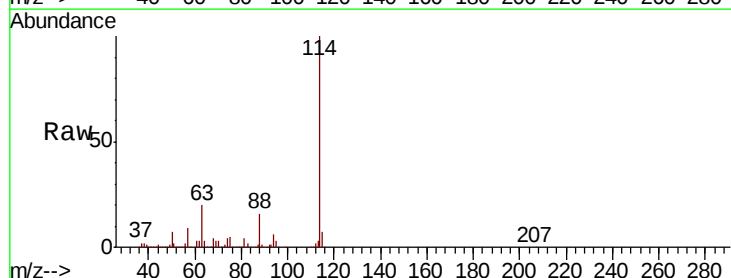
Tgt Ion: 114 Resp: 582443

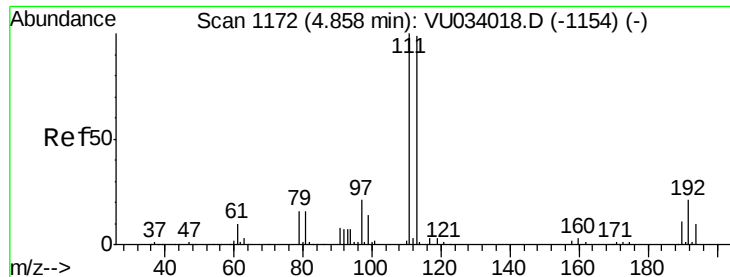
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.0

88 16.2 0.0 32.0

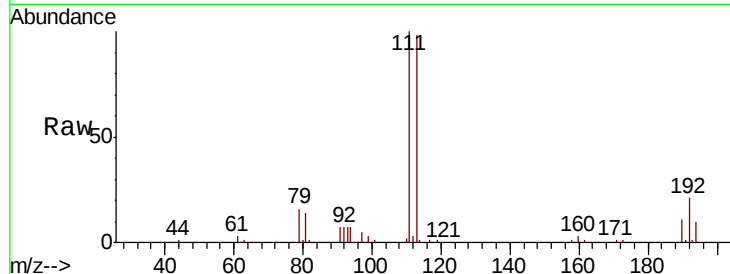




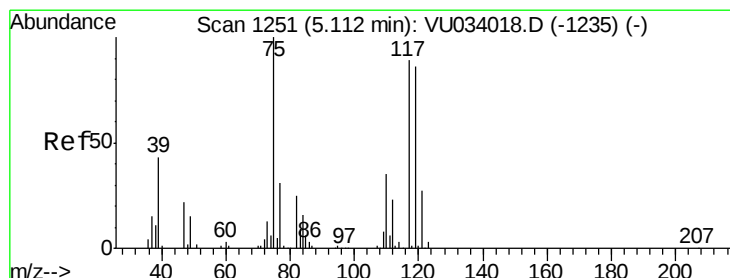
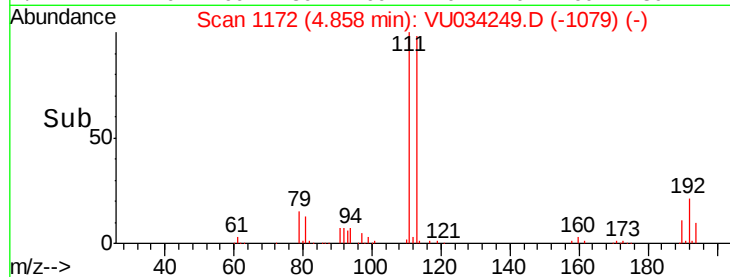
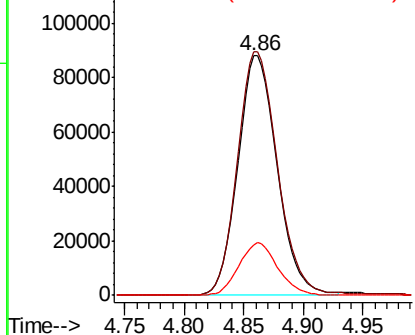
#35
 Dibromofluoromethane
 Concen: 49.808 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBSD01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.7	122.5
192	21.9	17.1	25.7

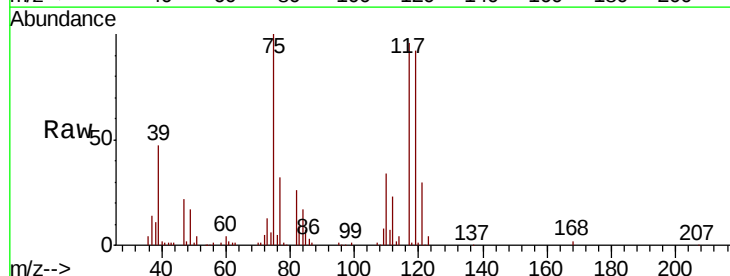


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

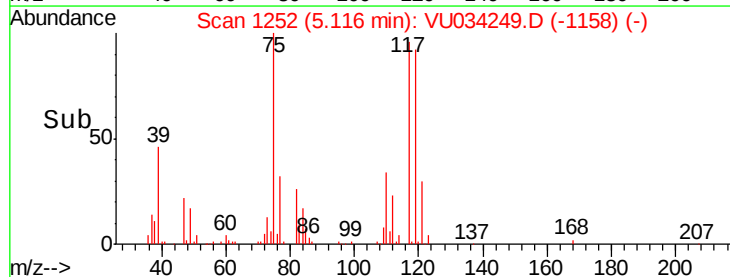
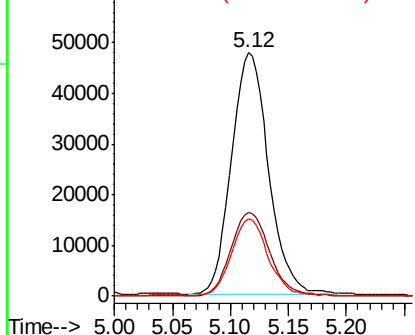


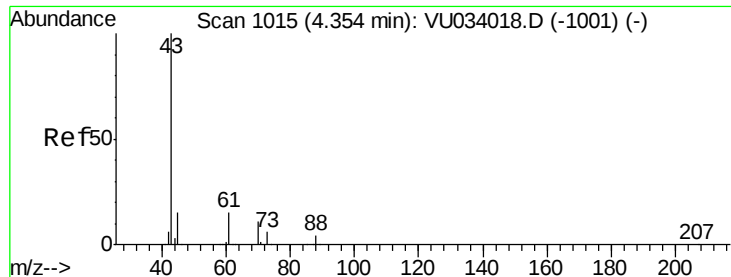
#36
 1,1-Dichloropropene
 Concen: 19.245 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.8	53.5
77	30.7	25.0	37.4



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

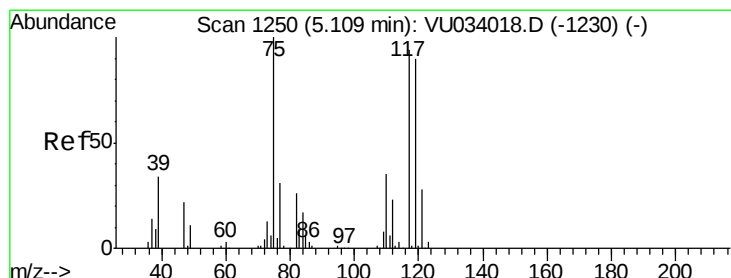
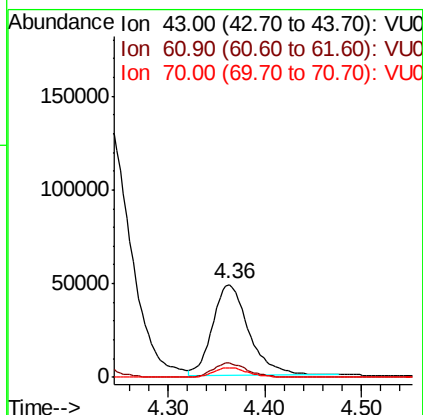
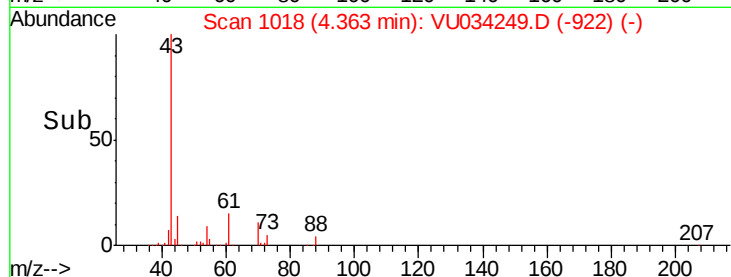
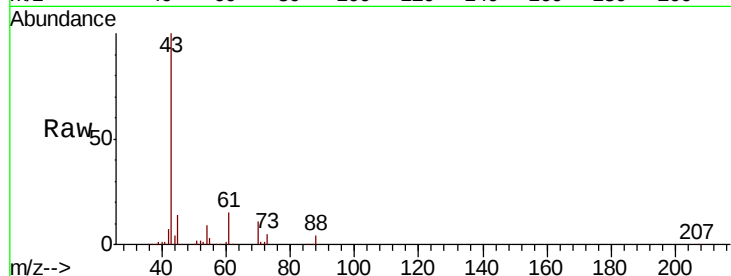




#37
 Ethyl Acetate
 Concen: 20.533 ug/l
 RT: 4.36 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

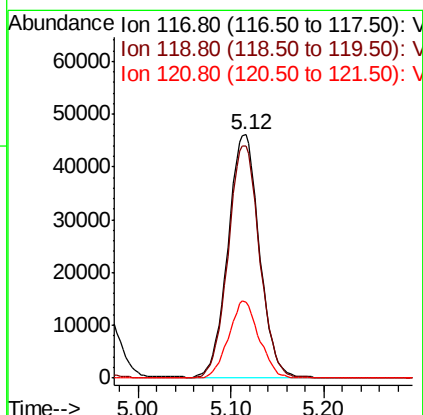
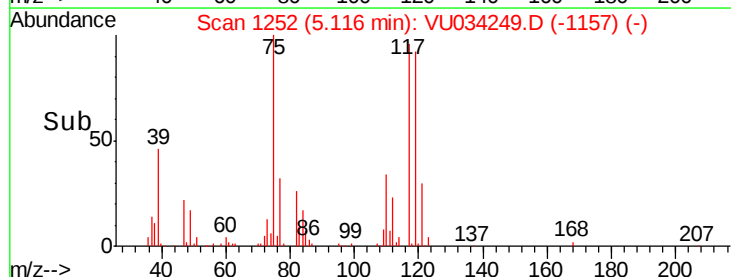
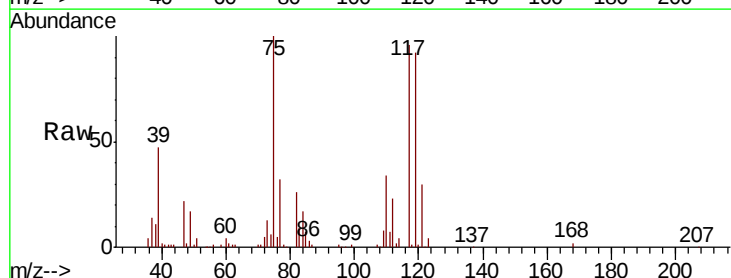
Instrument :
 MSVOA_U
 ClientSampled :
 VU0905WBSD01

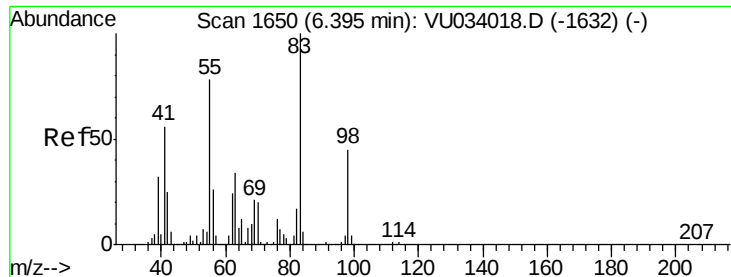
Tgt Ion: 43 Resp: 126674
 Ion Ratio Lower Upper
 43 100
 61 14.0 11.5 17.3
 70 10.4 8.6 12.8



#38
 Carbon Tetrachloride
 Concen: 20.457 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Tgt Ion: 117 Resp: 108785
 Ion Ratio Lower Upper
 117 100
 119 95.3 77.0 115.4
 121 31.3 23.9 35.9

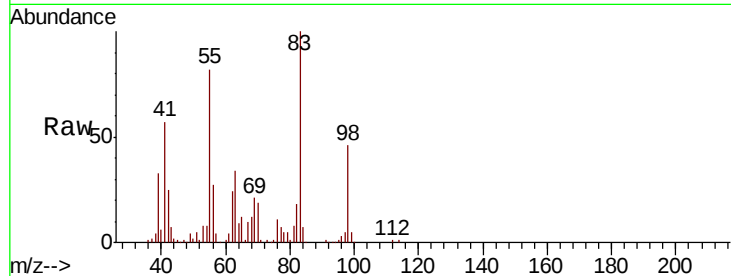




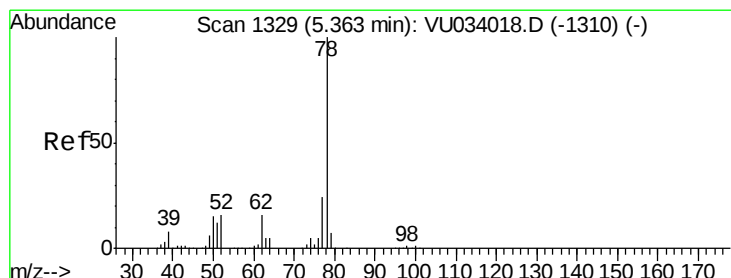
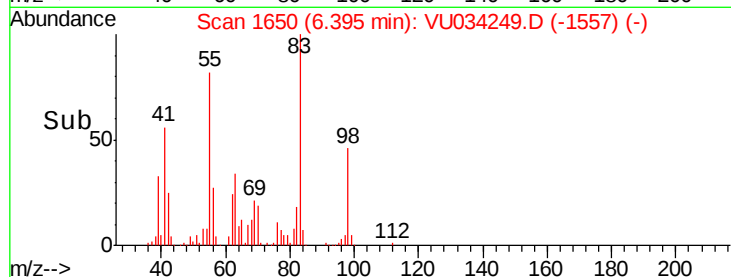
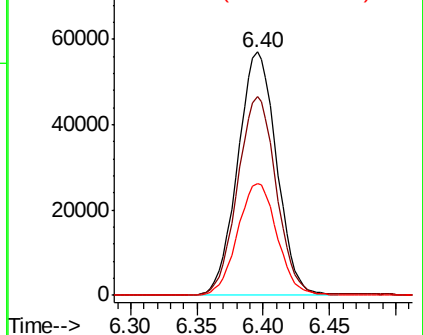
#39
Methylcyclohexane
Concen: 17.951 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

Tgt Ion: 83 Resp: 116562
Ion Ratio Lower Upper
83 100
55 81.9 62.3 93.5
98 46.0 36.2 54.2

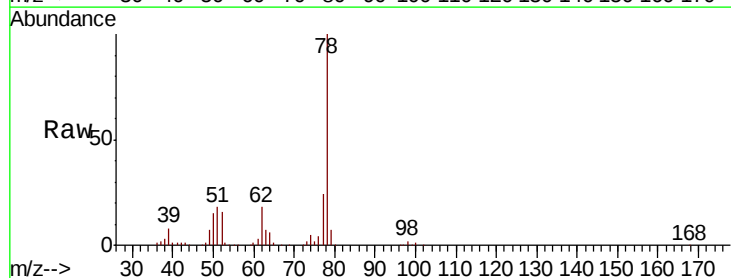


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

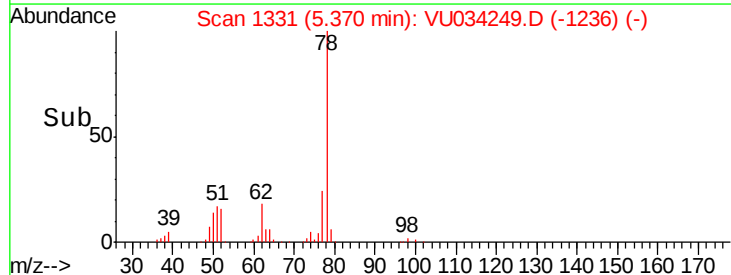
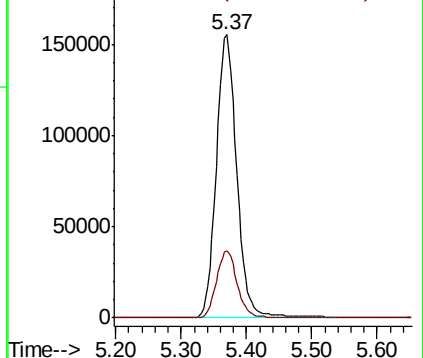


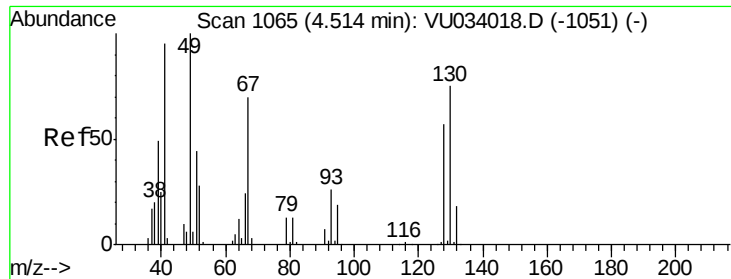
#40
Benzene
Concen: 20.448 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion: 78 Resp: 340834
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



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

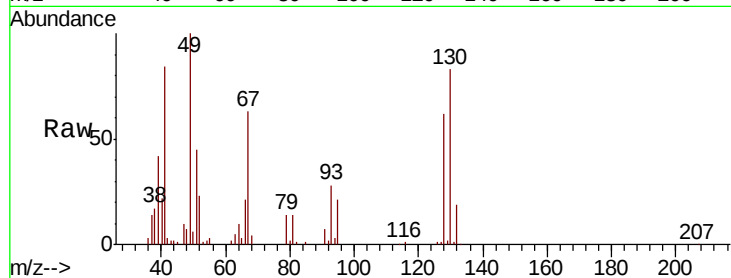




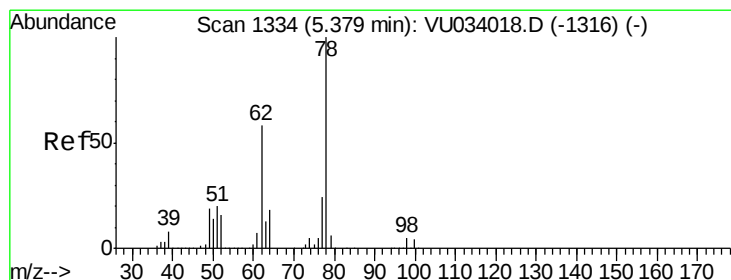
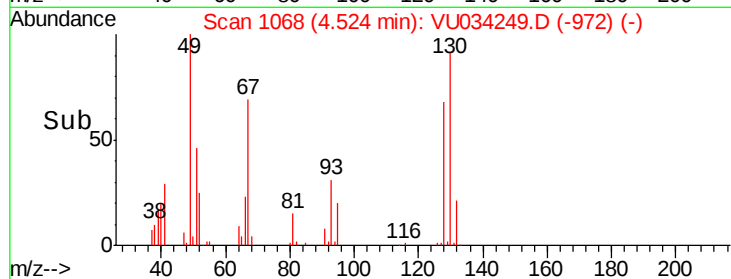
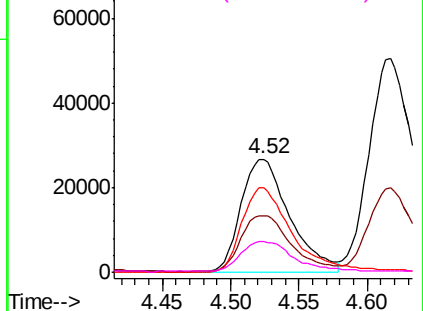
#41
Methacrylonitrile
Concen: 20.767 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

Tgt Ion:	41	Resp:	65705
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.1	63.1
67	79.4	61.0	91.4
52	29.3	23.3	34.9

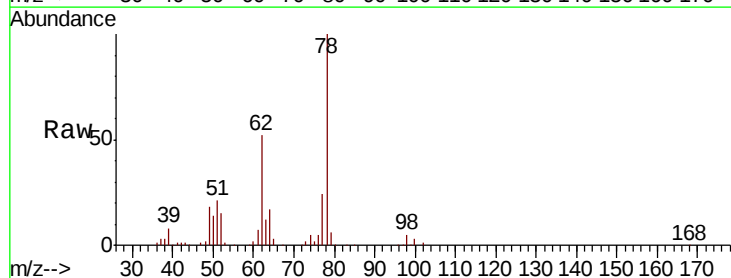


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

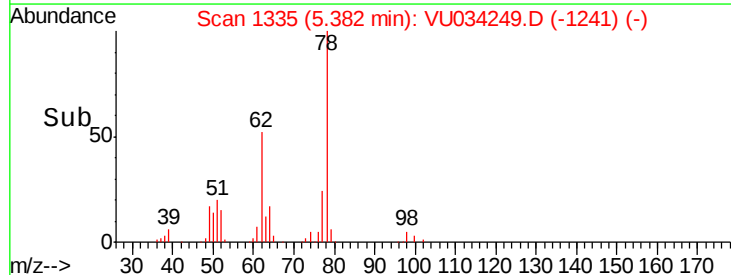
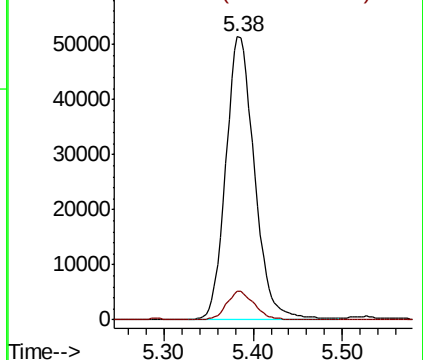


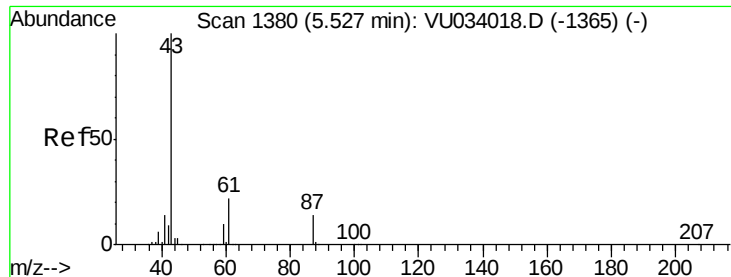
#42
1,2-Dichloroethane
Concen: 20.031 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion:	62	Resp:	115295
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 20.167 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0905WBSD01

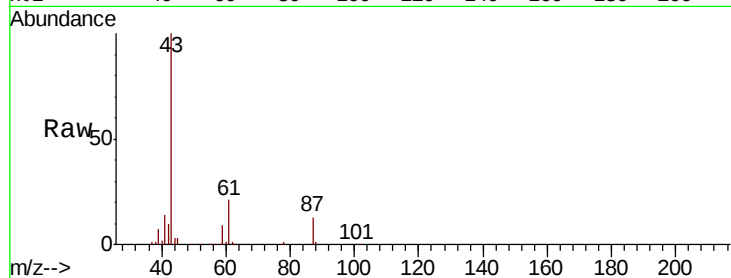
Tgt Ion: 43 Resp: 189278

Ion Ratio Lower Upper

43 100

61 21.3 17.2 25.8

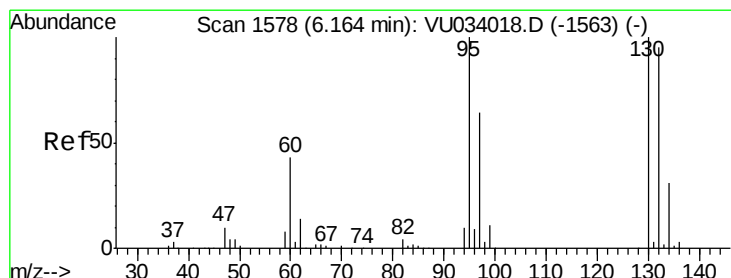
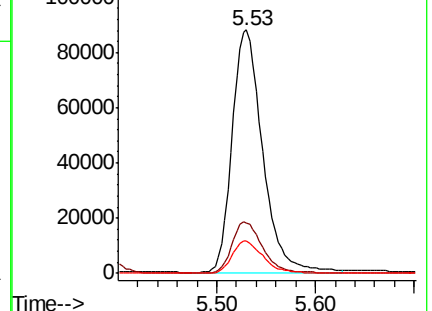
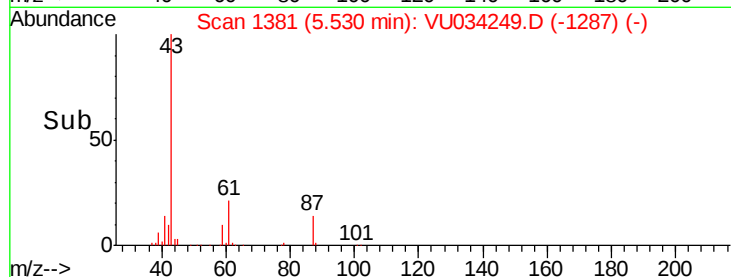
87 13.4 10.8 16.2



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: 21.035 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034249.D

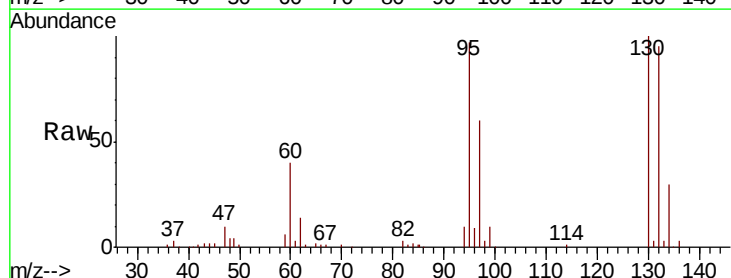
Acq: 04 Sep 2019 11:51

Tgt Ion: 130 Resp: 92073

Ion Ratio Lower Upper

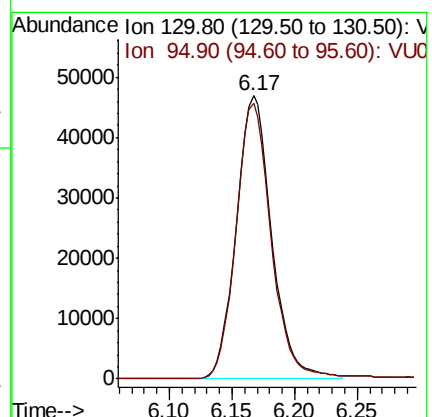
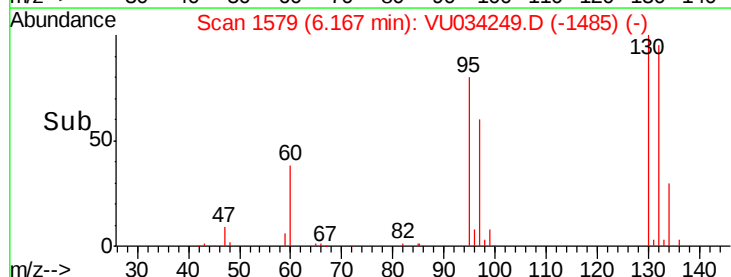
130 100

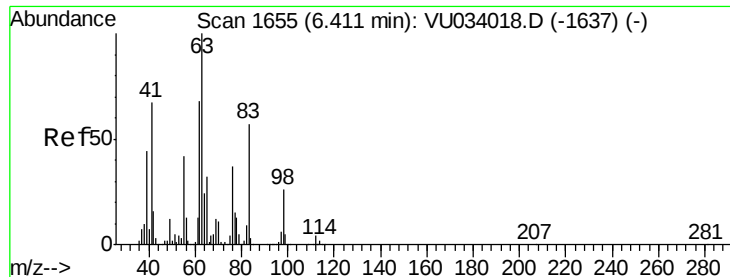
95 97.4 0.0 199.6



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

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

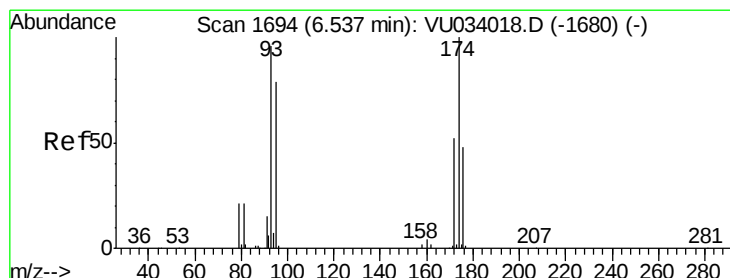
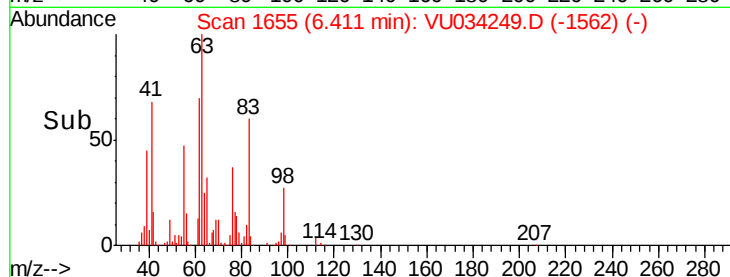
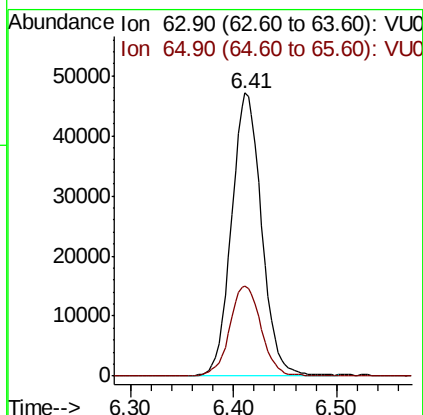
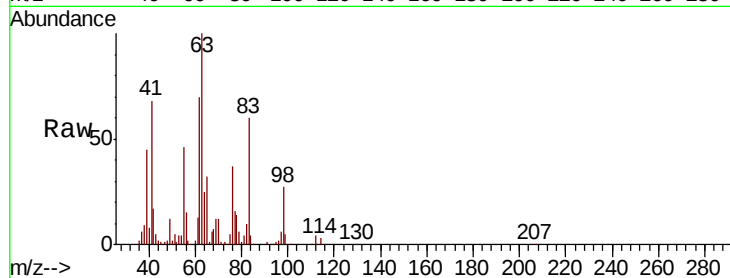




#45
 1,2-Dichloropropane
 Concen: 20.877 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

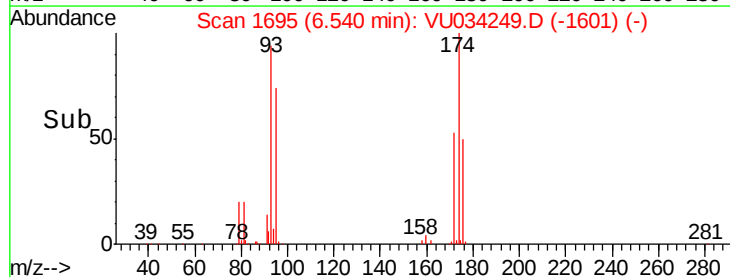
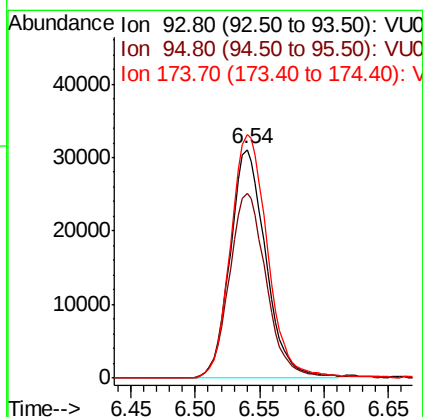
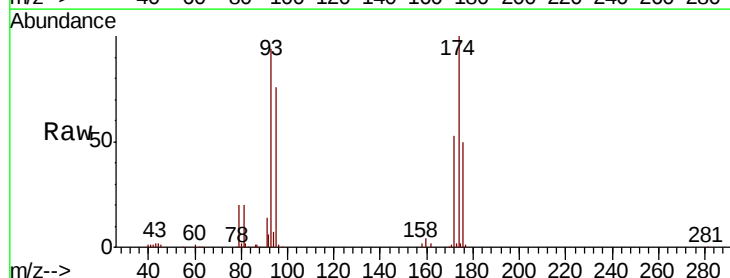
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBSD01

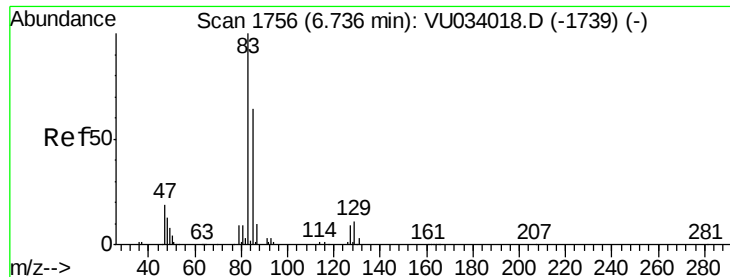
Tgt Ion: 63 Resp: 95792
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.4 38.2



#46
 Dibromomethane
 Concen: 20.195 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Tgt Ion: 93 Resp: 59699
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.7 100.1
 174 111.2 84.9 127.3





#47

Bromodichloromethane

Concen: 20.606 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0905WBSD01

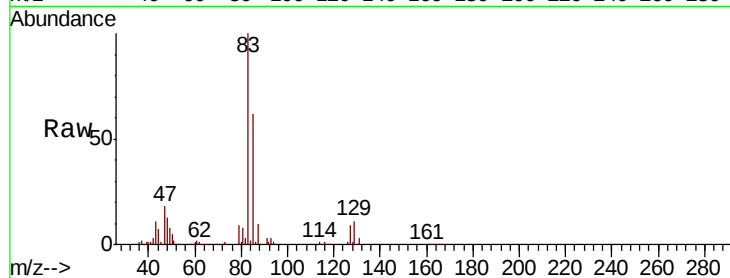
Tgt Ion: 83 Resp: 119178

Ion Ratio Lower Upper

83 100

85 61.9 51.2 76.8

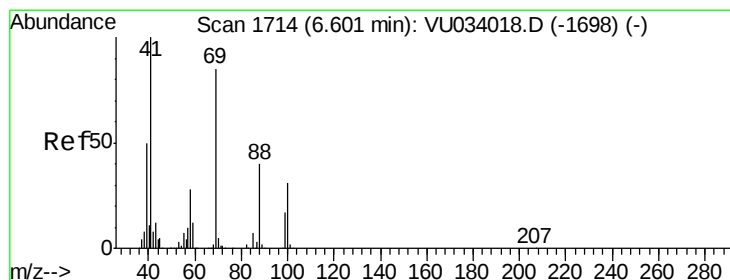
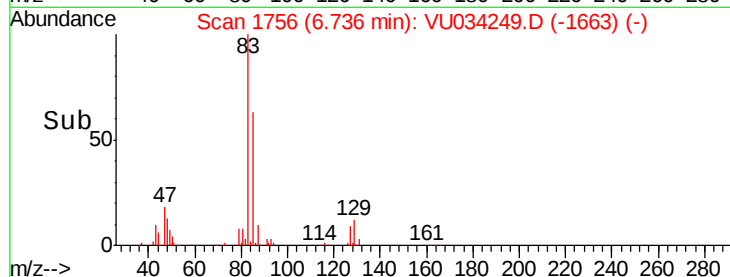
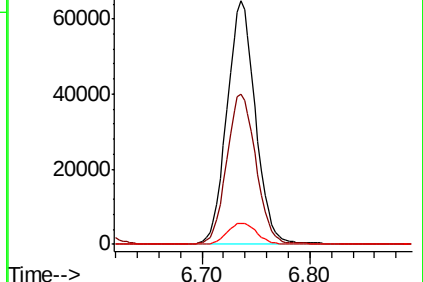
127 8.8 7.0 10.6



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: 18.821 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

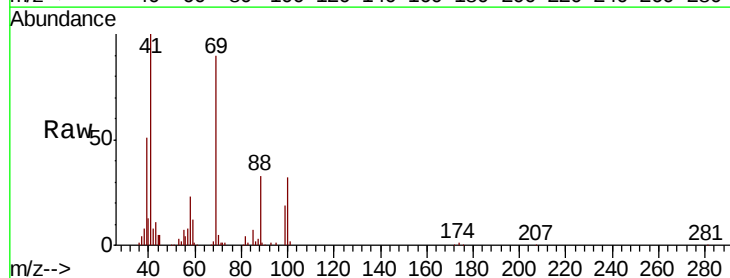
Tgt Ion: 41 Resp: 85240

Ion Ratio Lower Upper

41 100

69 93.2 69.5 104.3

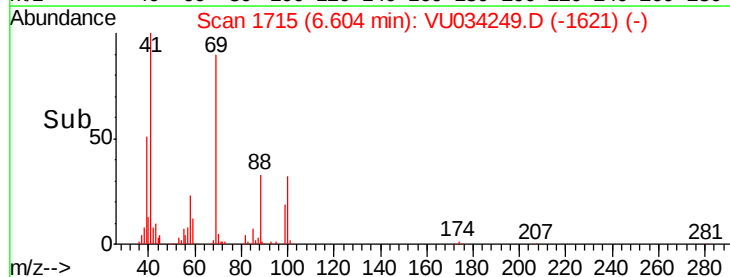
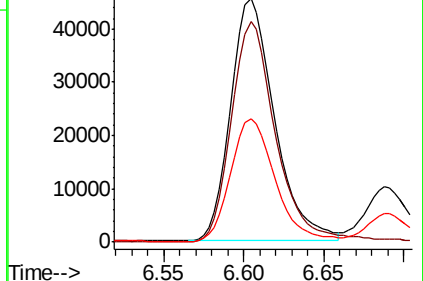
39 52.0 40.3 60.5

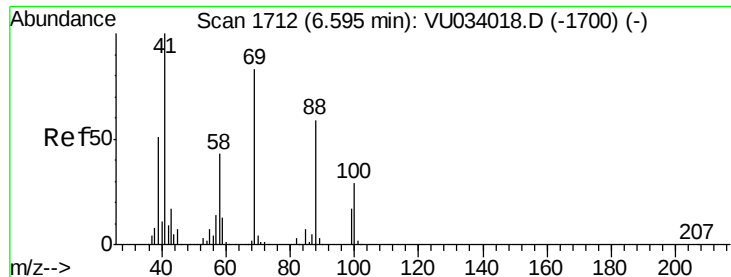


Abundance Ion 41.00 (40.70 to 41.70): VU034018.D (-1698) (-)

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

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

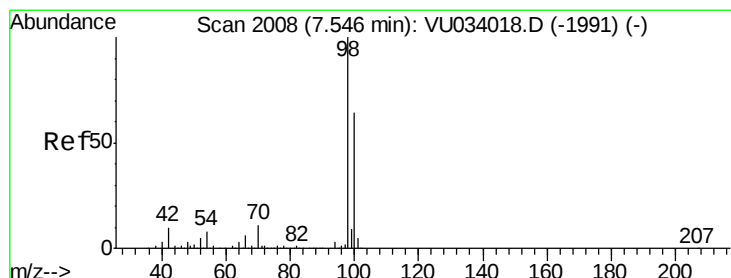
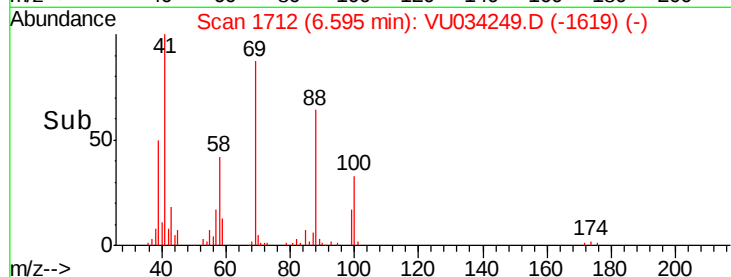
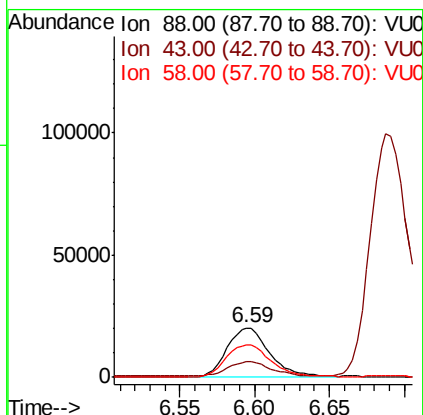
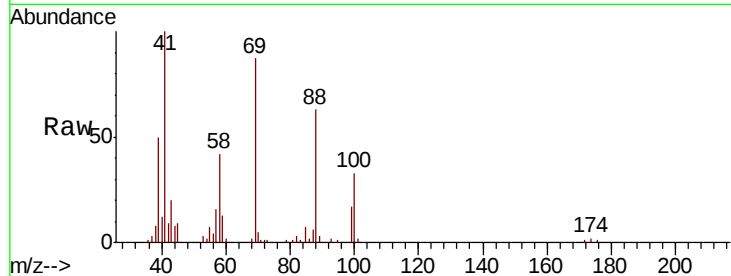




#49
 1,4-Dioxane
 Concen: 348.834 ug/l
 RT: 6.59 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

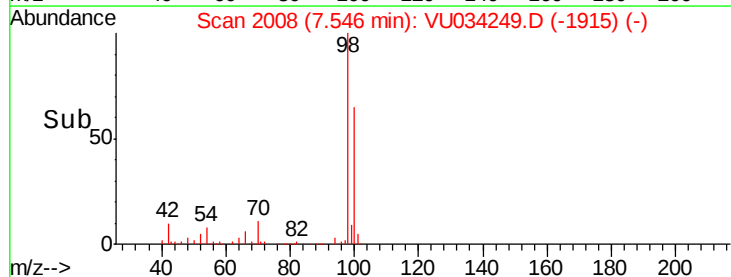
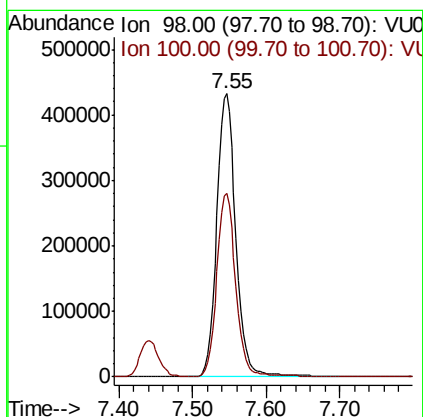
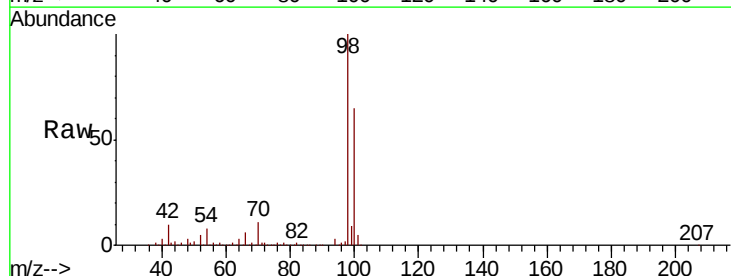
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBSD01

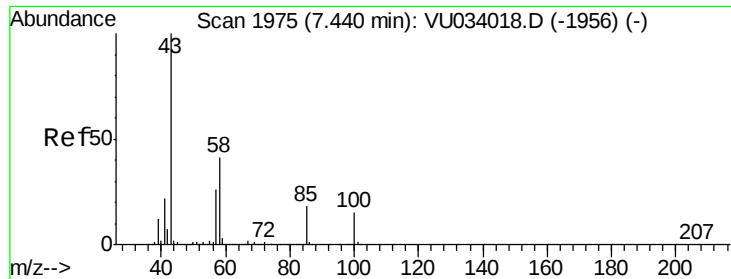
Tgt Ion: 88 Resp: 39585
 Ion Ratio Lower Upper
 88 100
 43 30.3 24.8 37.2
 58 71.8 59.3 88.9



#50
 Toluene-d8
 Concen: 51.127 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Tgt Ion: 98 Resp: 773367
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.3 75.5

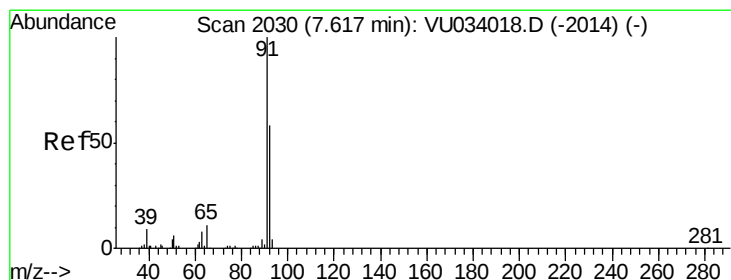
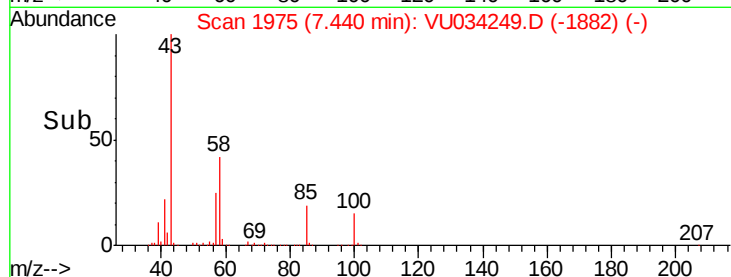
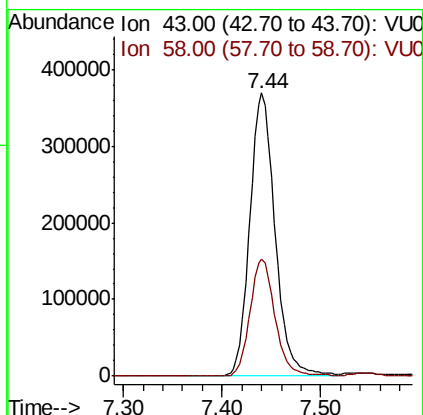
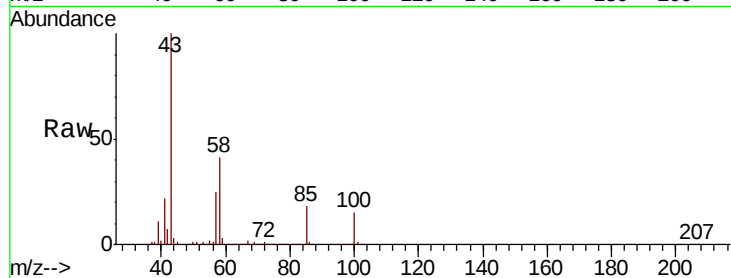




#51
 4-Methyl-2-Pentanone
 Concen: 100.094 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

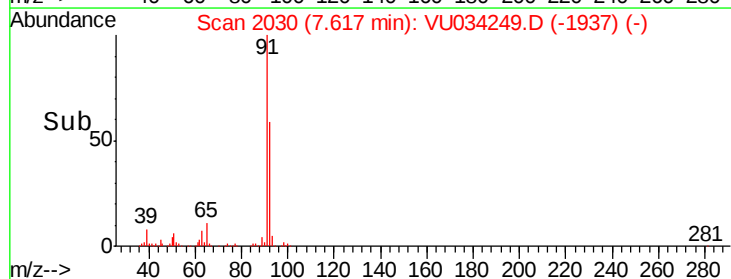
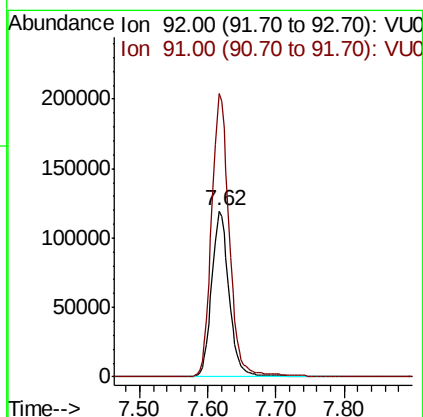
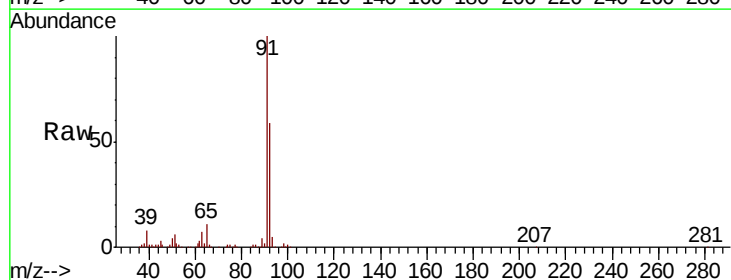
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBSD01

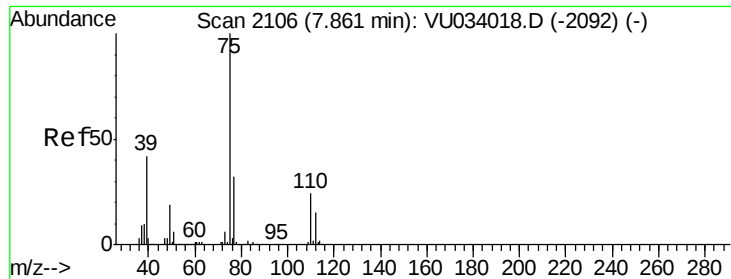
Tgt Ion: 43 Resp: 648787
 Ion Ratio Lower Upper
 43 100
 58 41.2 32.2 48.4



#52
 Toluene
 Concen: 20.947 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Tgt Ion: 92 Resp: 215082
 Ion Ratio Lower Upper
 92 100
 91 171.9 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 19.450 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. -0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

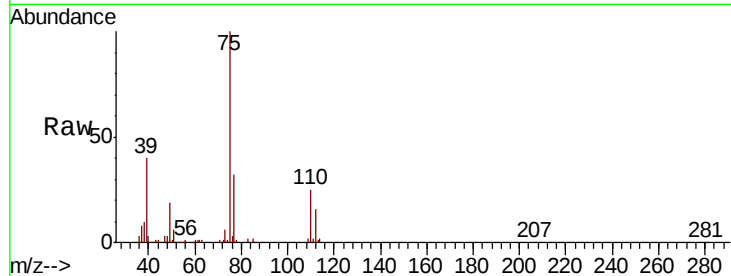
VU0905WBSD01

Tgt Ion: 75 Resp: 124820

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.86

80000

60000

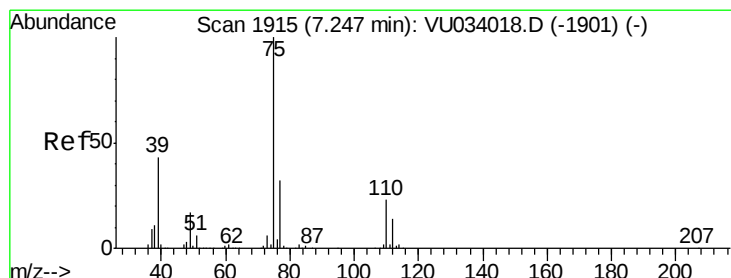
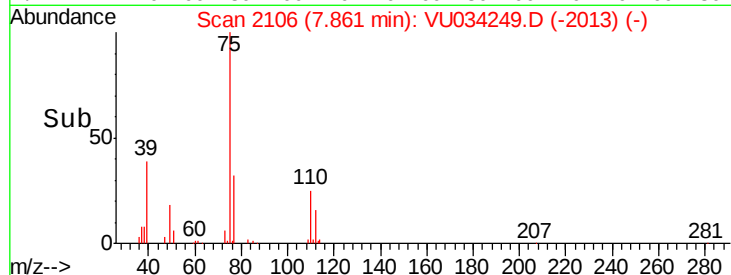
40000

20000

0

7.80 7.85 7.90 7.95

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.130 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

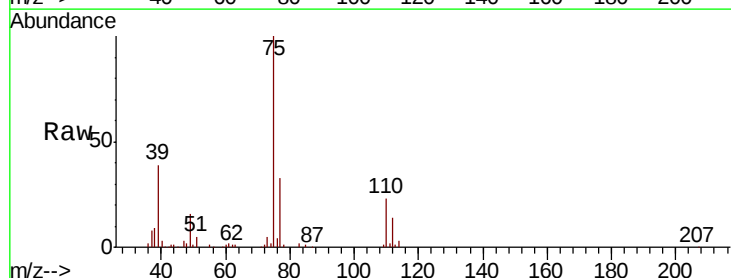
Tgt Ion: 75 Resp: 141131

Ion Ratio Lower Upper

75 100

77 32.9 25.2 37.8

39 38.9 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

100000

80000

60000

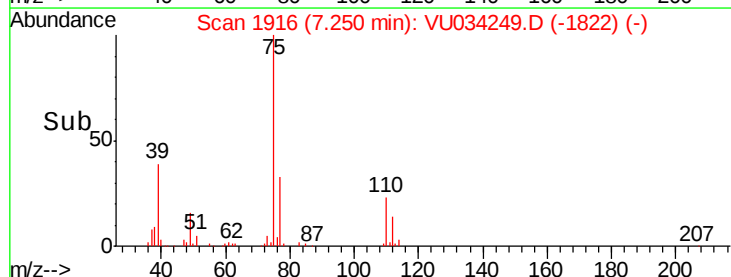
40000

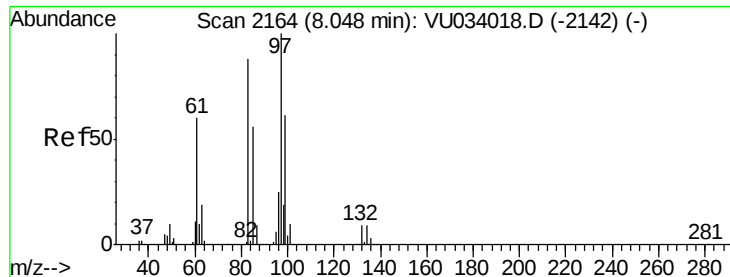
20000

0

7.15 7.20 7.25 7.30 7.35

Time-->





#55

1,1,2-Trichloroethane

Concen: 20.488 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0905WBSD01

Tgt Ion: 97 Resp: 88986

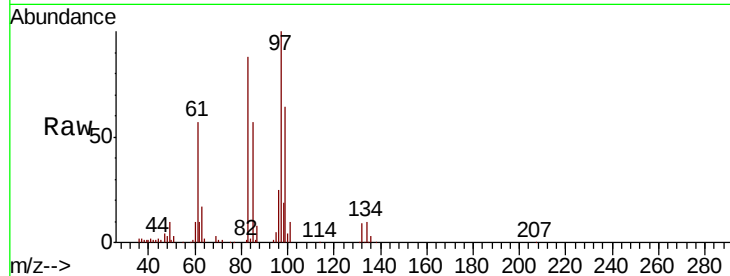
Ion Ratio Lower Upper

97 100

83 88.3 70.1 105.1

85 56.8 45.0 67.4

99 63.8 49.8 74.8

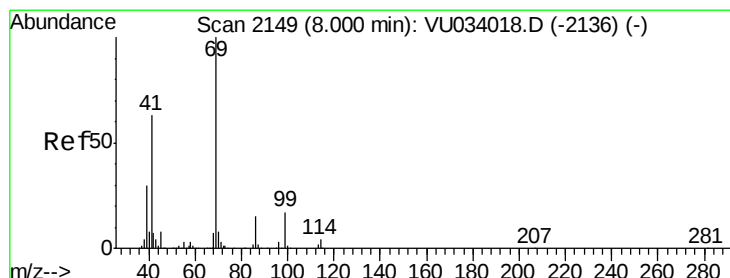
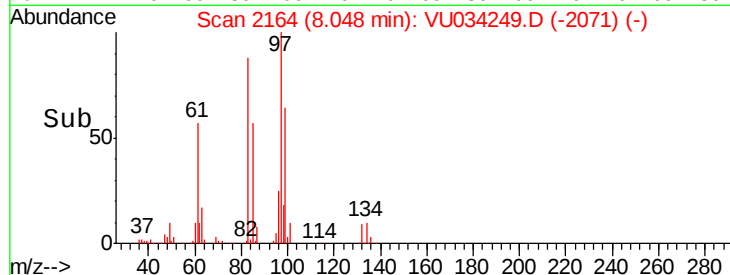
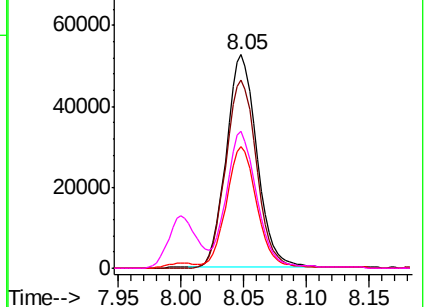


Abundance Ion 96.90 (96.60 to 97.60): VU0

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: 18.386 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

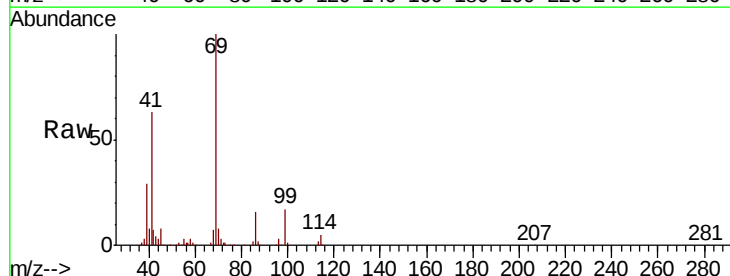
Tgt Ion: 69 Resp: 127948

Ion Ratio Lower Upper

69 100

41 62.6 50.7 76.1

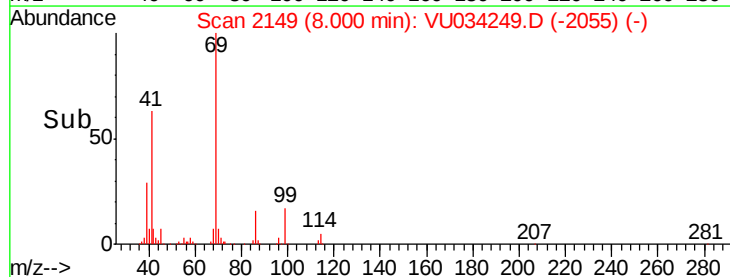
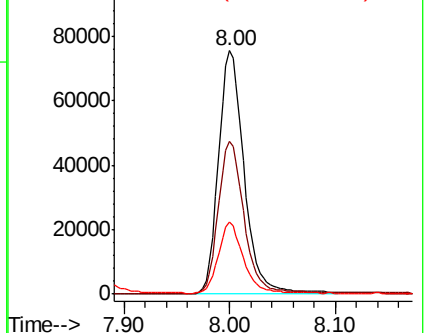
39 27.9 24.2 36.2

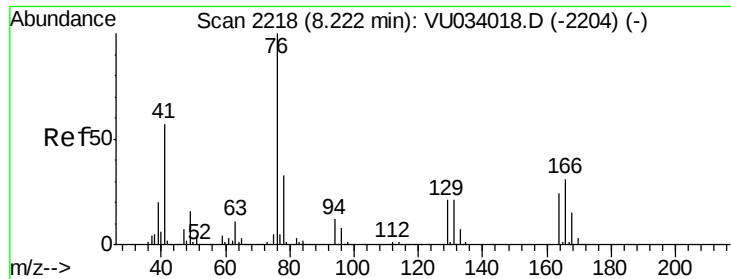


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

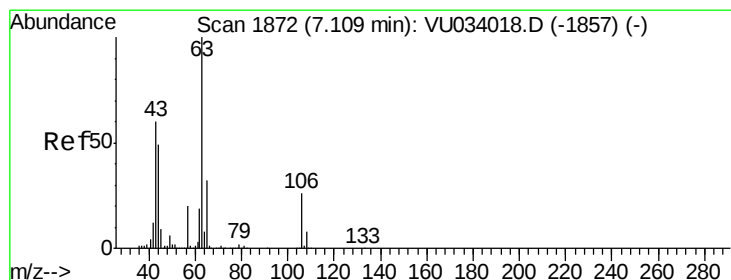
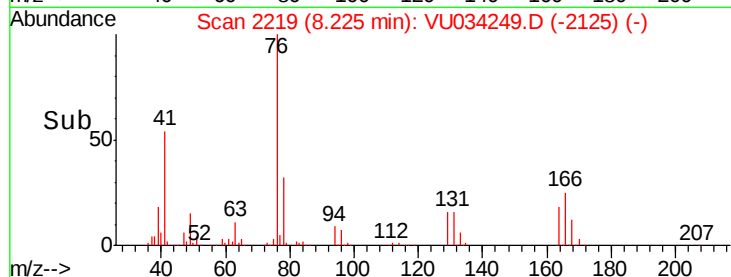
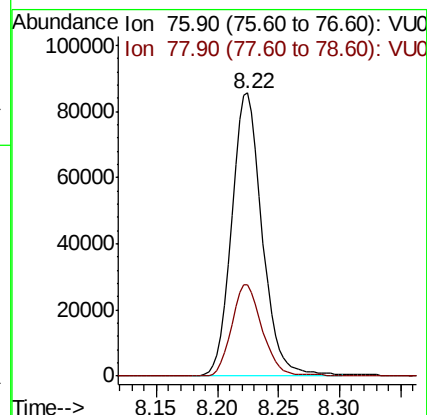
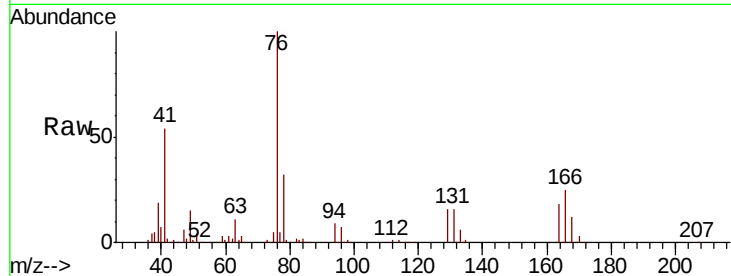




#57
 1,3-Dichloropropane
 Concen: 20.308 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

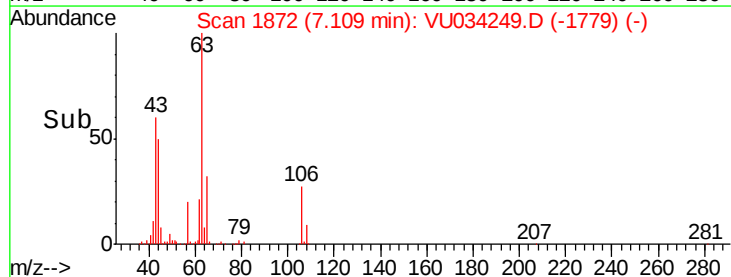
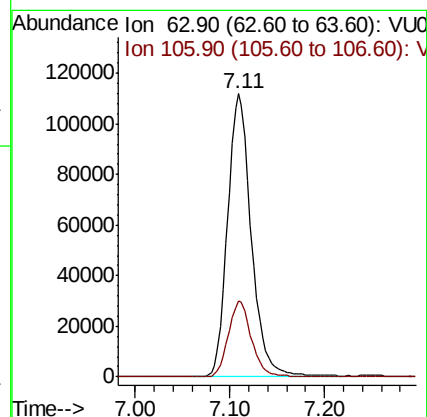
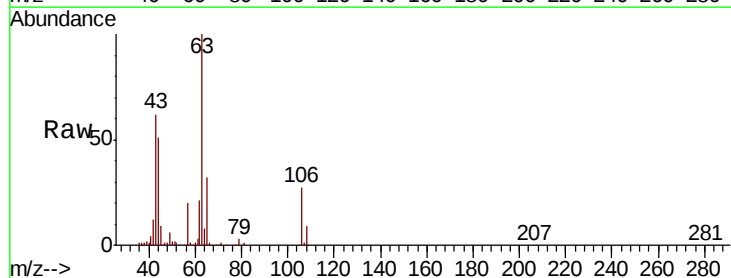
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBSD01

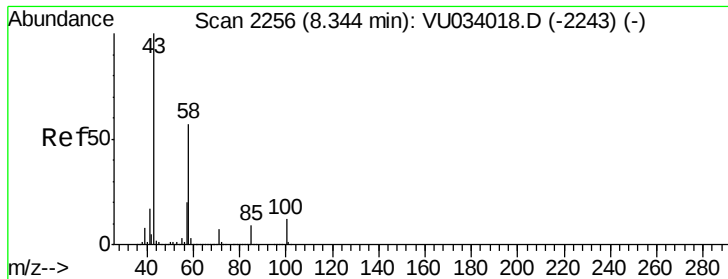
Tgt Ion: 76 Resp: 149765
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 81.214 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Tgt Ion: 63 Resp: 195143
 Ion Ratio Lower Upper
 63 100
 106 26.0 20.7 31.1

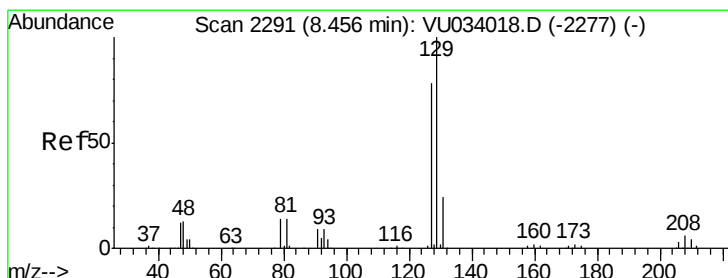
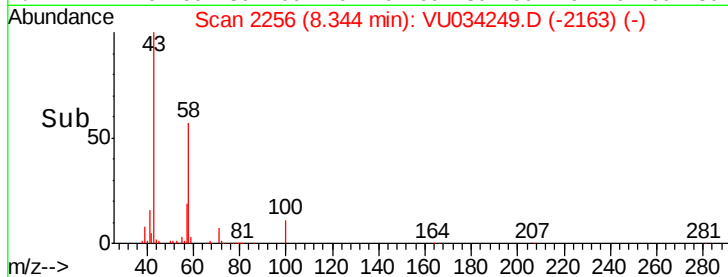
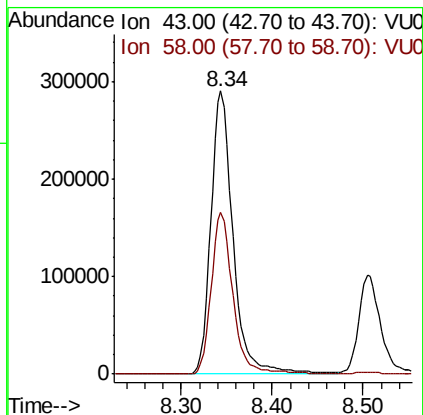
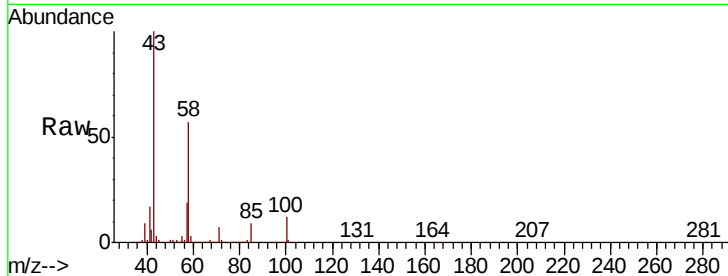




#59
2-Hexanone
Concen: 99.007 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

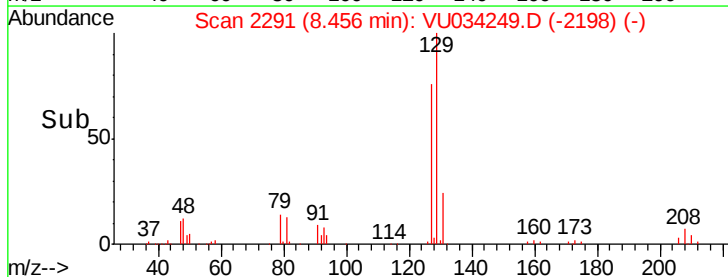
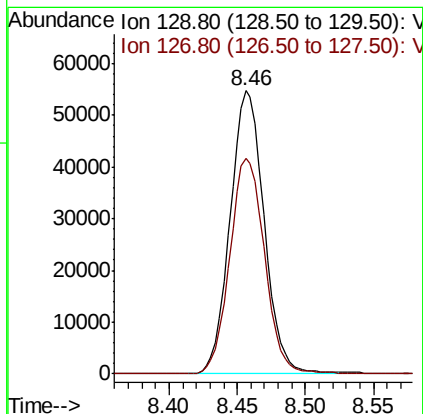
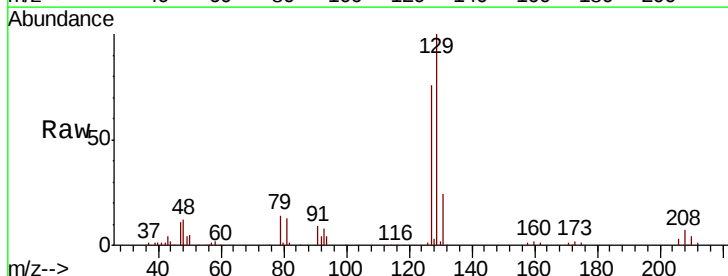
Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

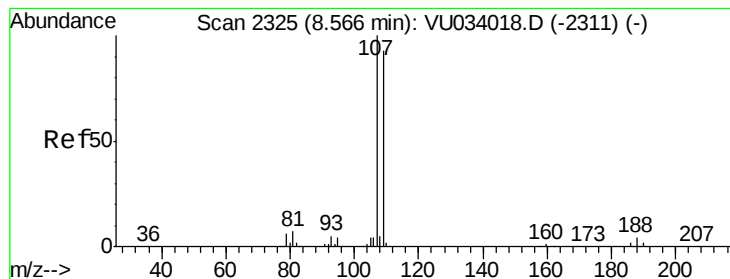
Tgt Ion: 43 Resp: 484456
Ion Ratio Lower Upper
43 100
58 56.8 28.4 85.3



#60
Dibromochloromethane
Concen: 20.351 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion: 129 Resp: 94880
Ion Ratio Lower Upper
129 100
127 78.1 39.0 116.9





#61

1,2-Dibromoethane

Concen: 20.074 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

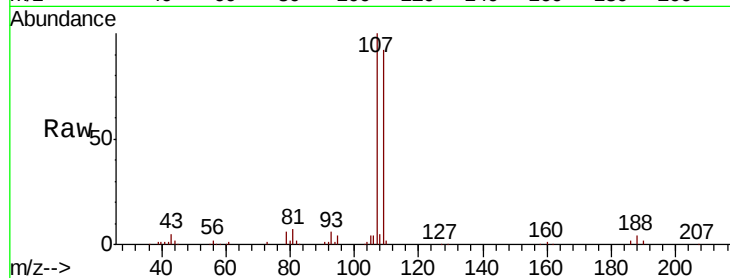
VU0905WBSD01

Tgt Ion: 107 Resp: 91841

Ion Ratio Lower Upper

107 100

109 92.5 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

50000

40000

30000

20000

10000

0

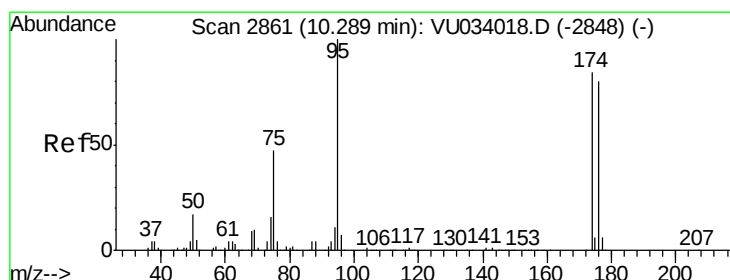
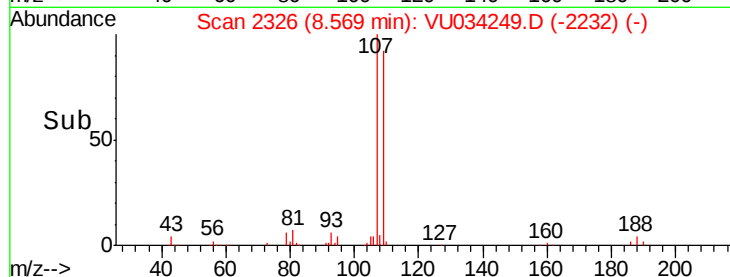
8.50

8.57

8.60

8.70

Time-->



#62

4-Bromofluorobenzene

Concen: 49.083 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

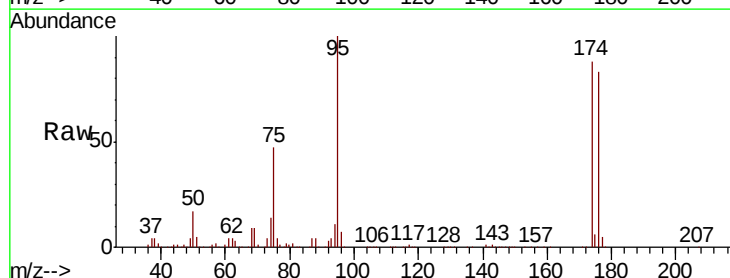
Tgt Ion: 95 Resp: 288804

Ion Ratio Lower Upper

95 100

174 86.2 0.0 168.8

176 82.5 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

100000

50000

0

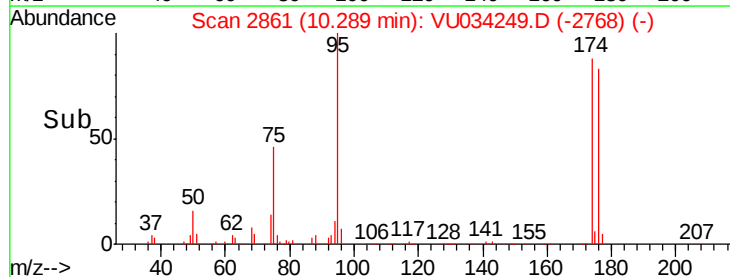
10.20

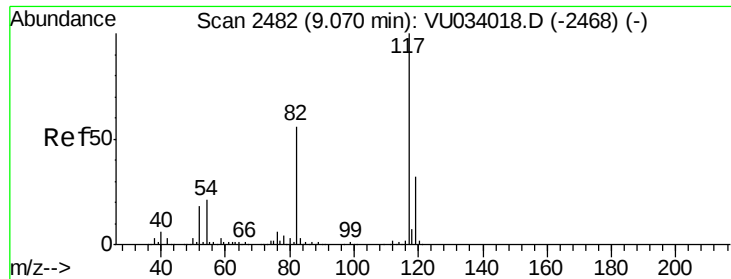
10.29

10.30

10.40

Time-->

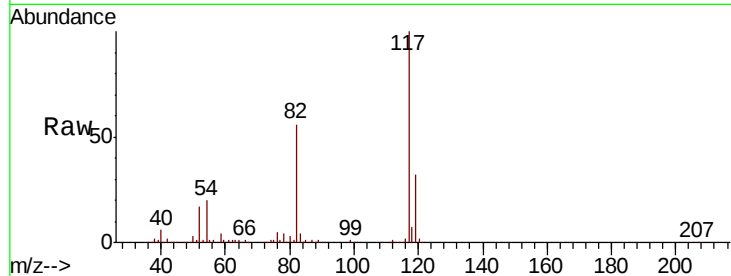




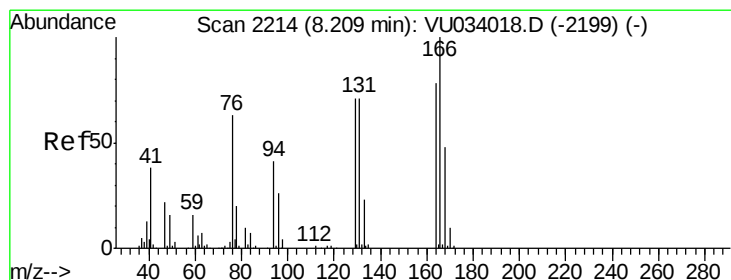
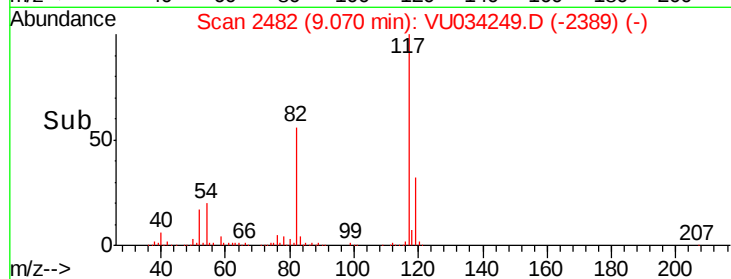
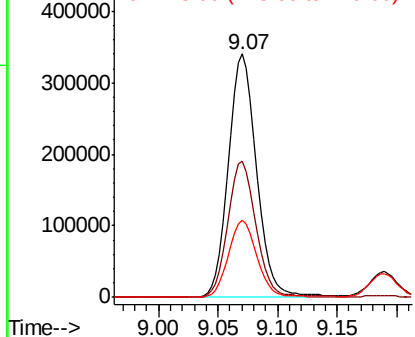
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

Tgt Ion:117 Resp: 561456
Ion Ratio Lower Upper
117 100
82 55.8 45.1 67.7
119 31.7 25.4 38.0

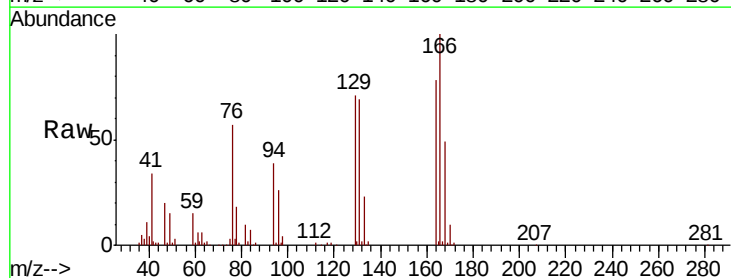


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

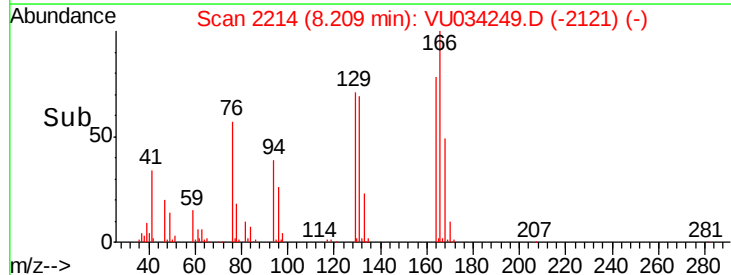
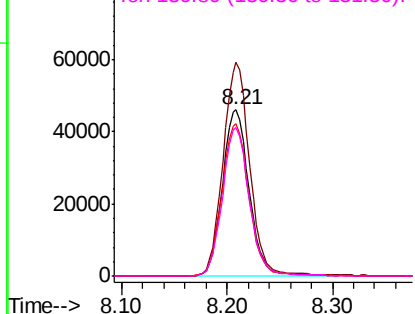


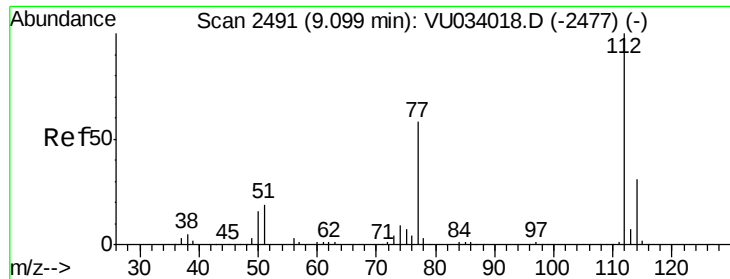
#64
Tetrachloroethene
Concen: 21.548 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion:164 Resp: 81248
Ion Ratio Lower Upper
164 100
166 128.8 102.2 153.2
129 91.5 72.4 108.6
131 89.3 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

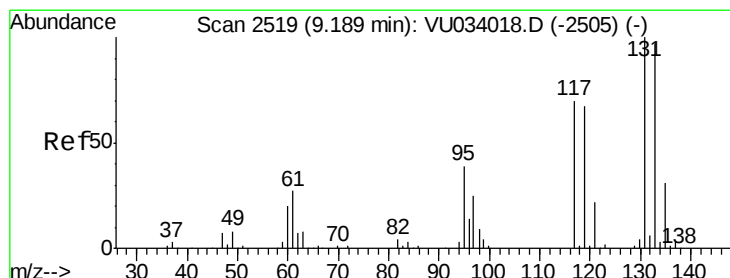
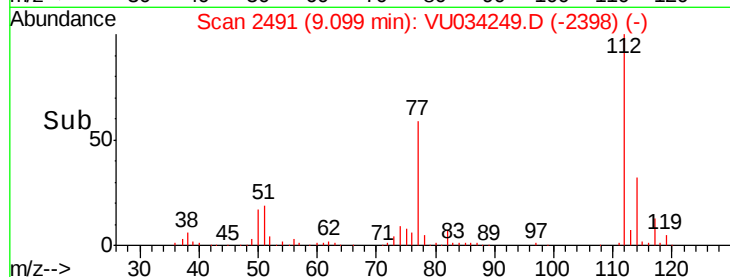
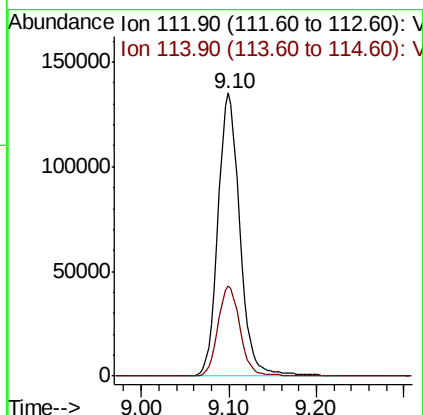
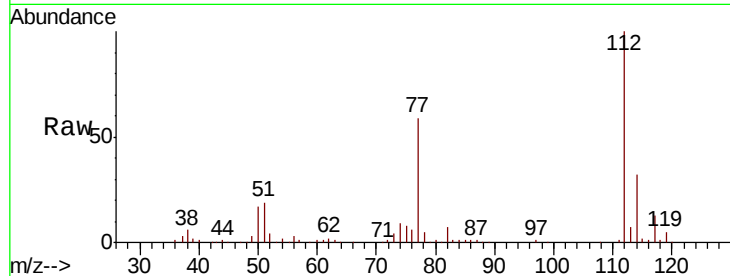




#65
Chlorobenzene
Concen: 20.376 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

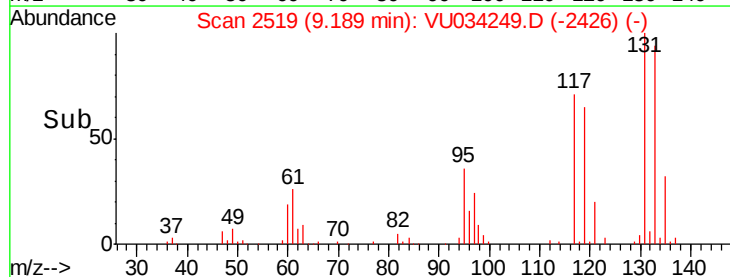
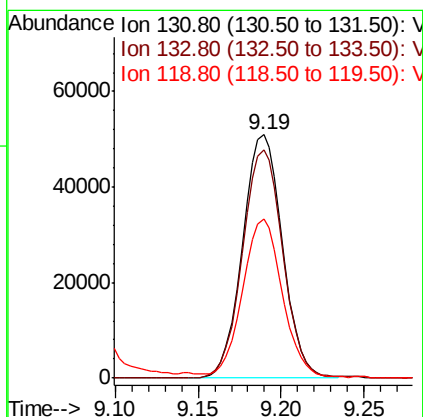
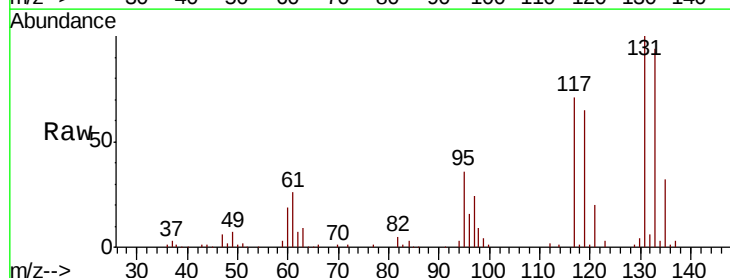
Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

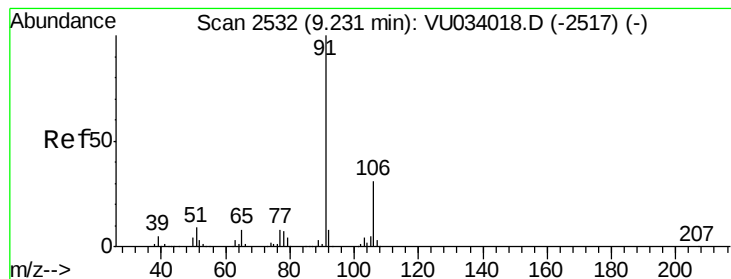
Tgt Ion:112 Resp: 235422
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.336 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion:131 Resp: 85201
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.2
119 64.3 33.6 100.6





#67

Ethyl Benzene

Concen: 19.943 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

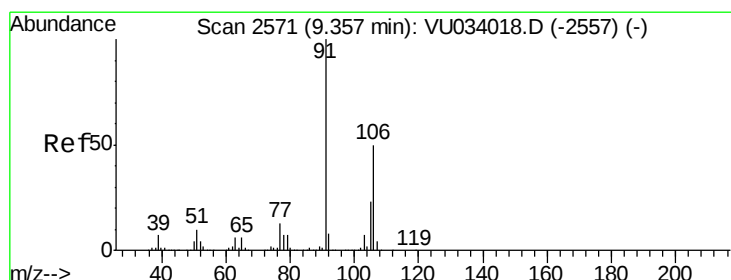
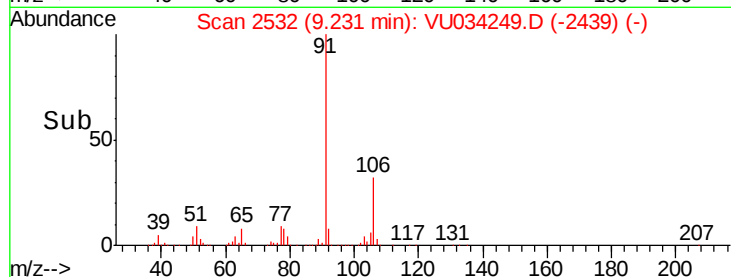
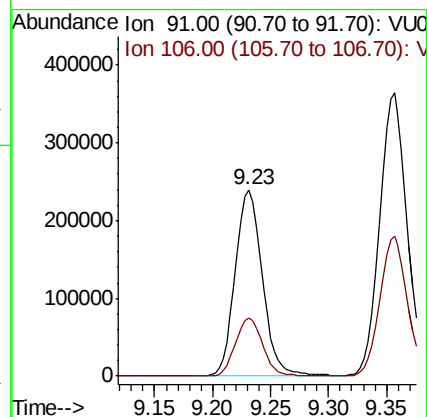
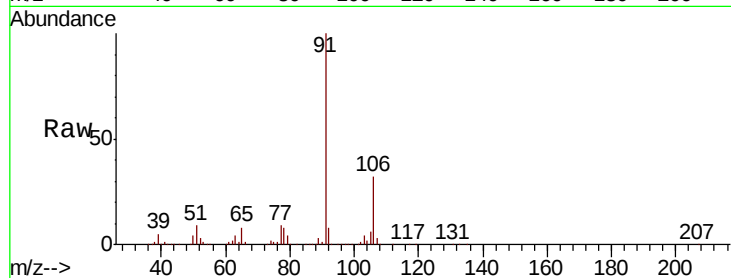
VU0905WBSD01

Tgt Ion: 91 Resp: 390609

Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3



#68

m/p-Xylenes

Concen: 40.901 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. -0.00 min

Lab File: VU034249.D

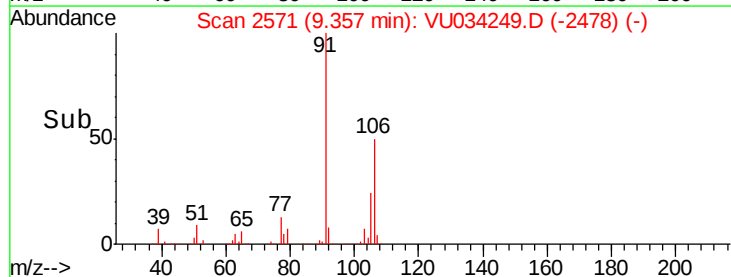
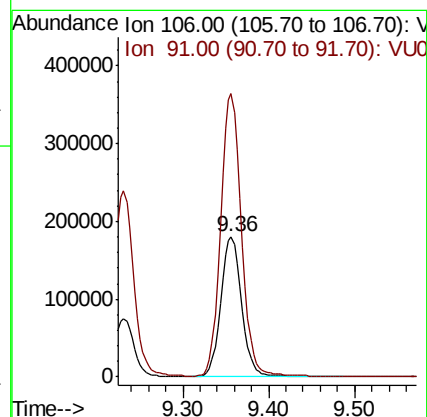
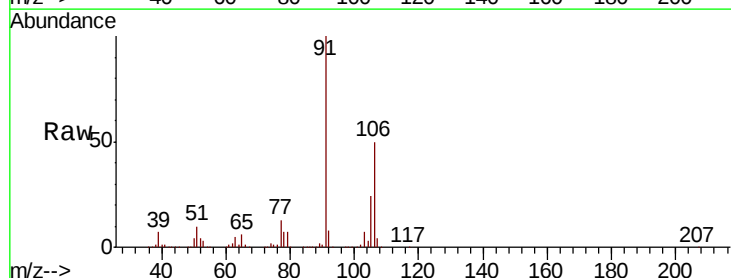
Acq: 04 Sep 2019 11:51

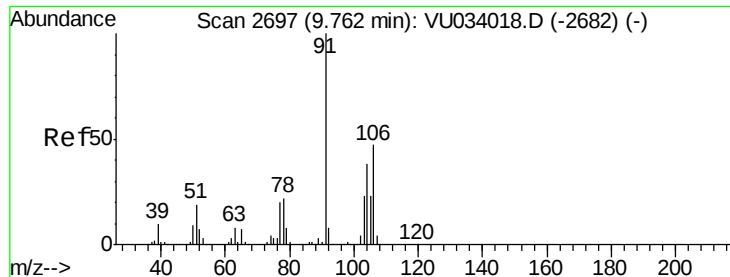
Tgt Ion: 106 Resp: 304604

Ion Ratio Lower Upper

106 100

91 201.2 161.6 242.4

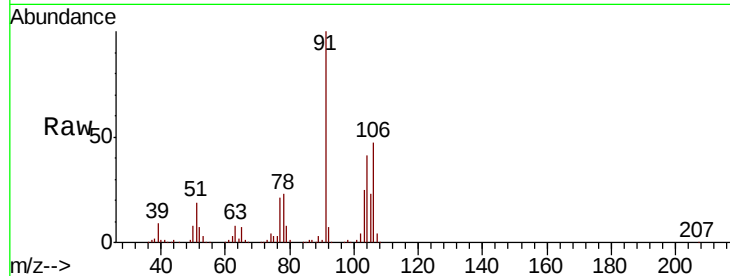




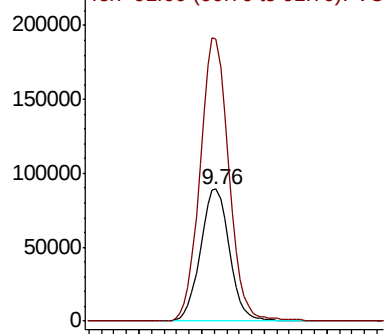
#69
o-Xylene
Concen: 20.128 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

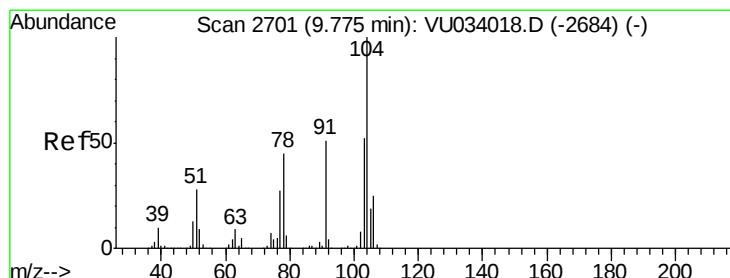
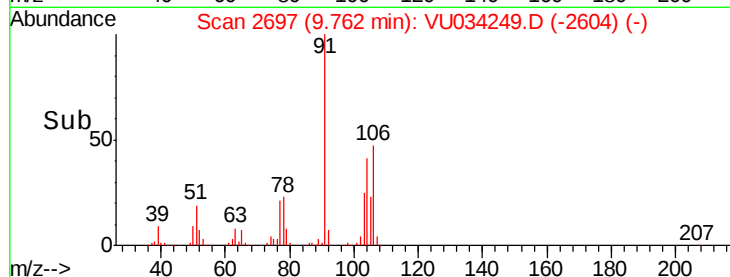
Tgt Ion:106 Resp: 143816
Ion Ratio Lower Upper
106 100
91 212.8 106.0 318.0



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

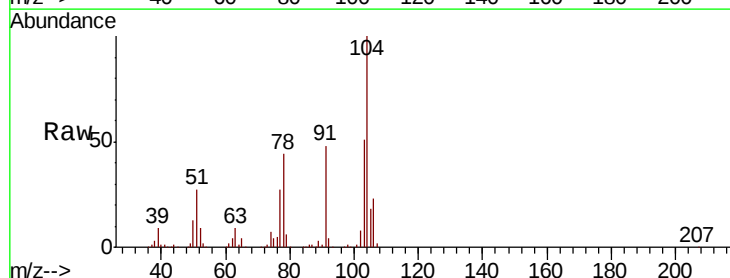


Time-->

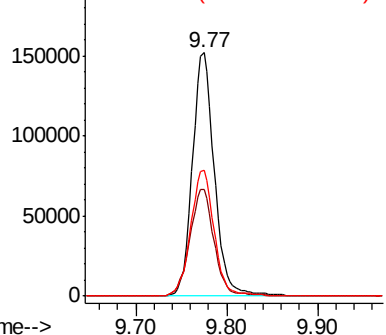


#70
Styrene
Concen: 20.868 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

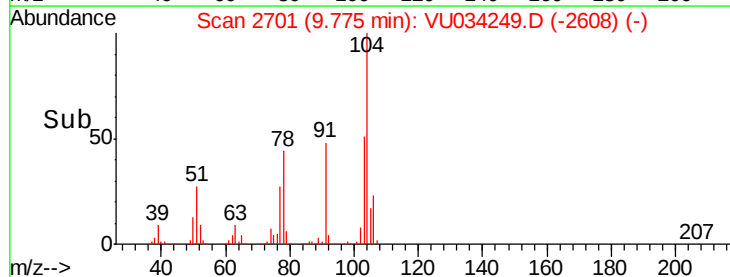
Tgt Ion:104 Resp: 255653
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 55.4 44.0 66.0

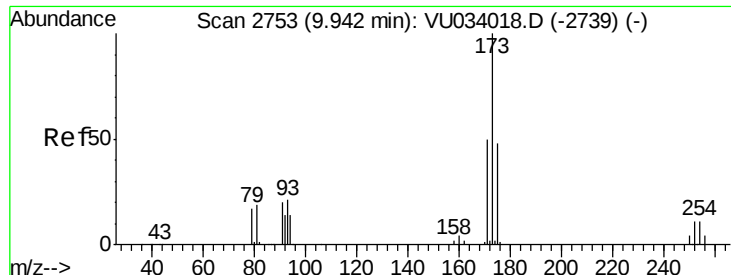


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 19.956 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0905WBSD01

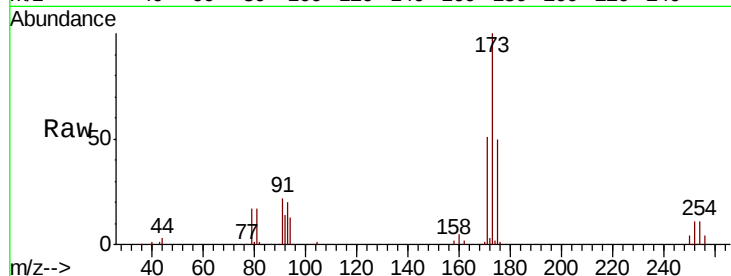
Tgt Ion:173 Resp: 72642

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.6

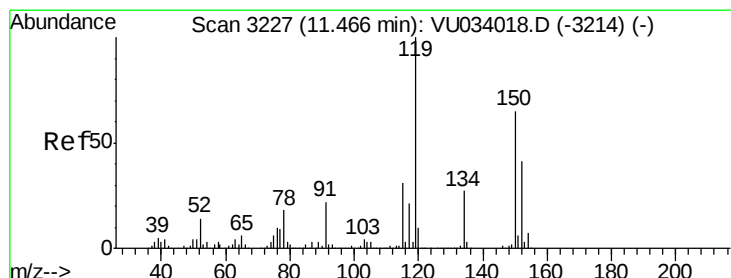
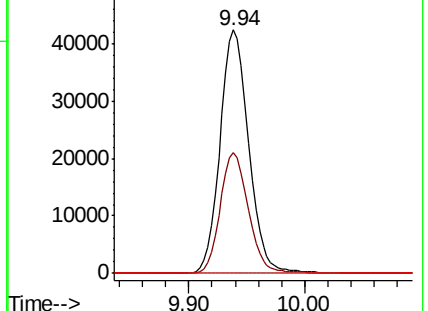
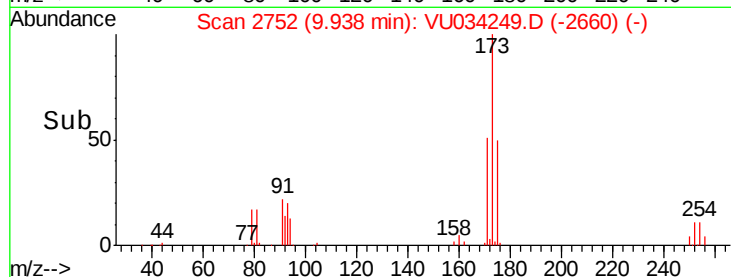
254 0.0 0.0 0.0



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: VU034249.D

Acq: 04 Sep 2019 11:51

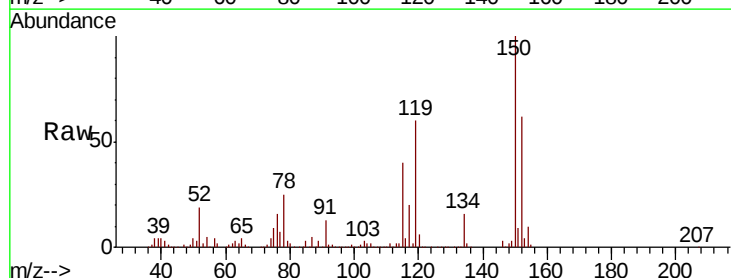
Tgt Ion:152 Resp: 304376

Ion Ratio Lower Upper

152 100

115 66.1 41.1 123.3

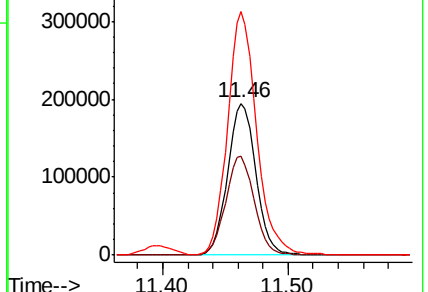
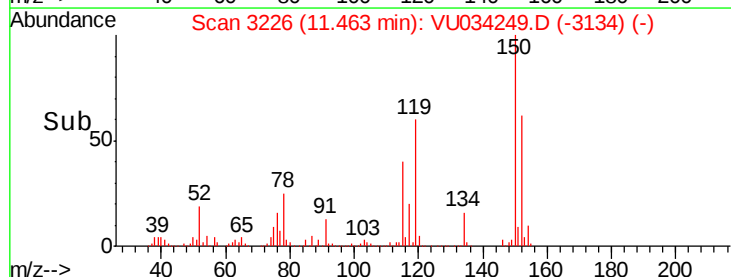
150 163.3 0.0 348.8

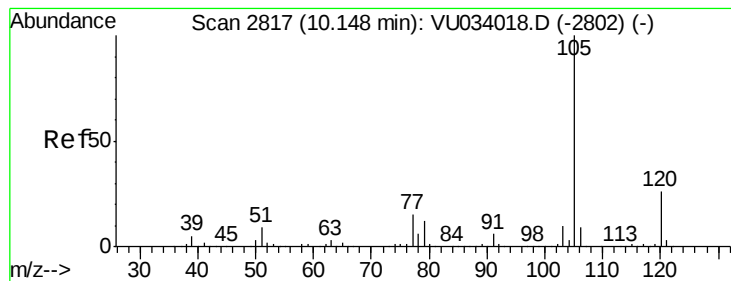


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.408 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. -0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

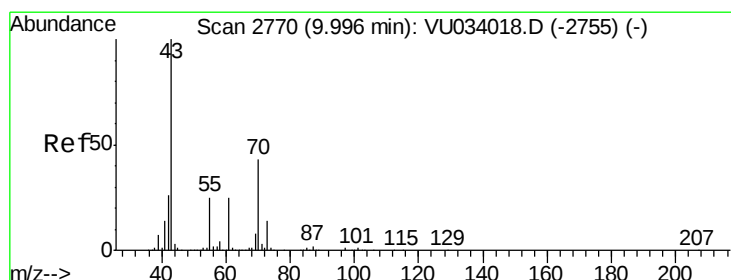
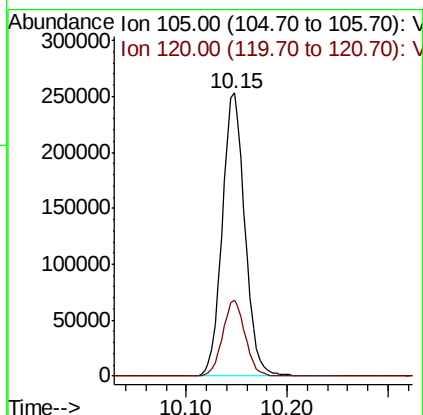
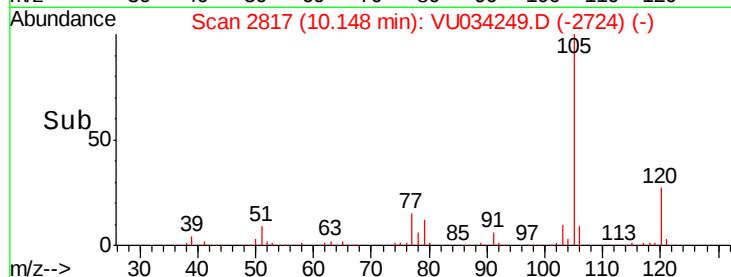
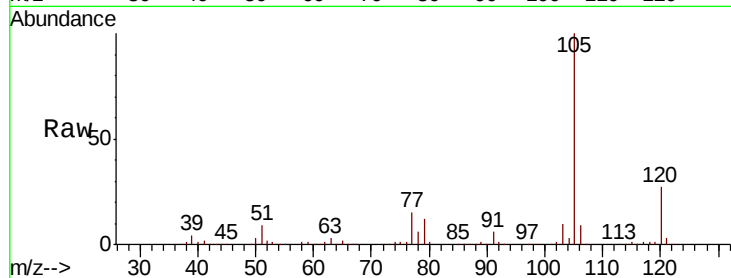
VU0905WBSD01

Tgt Ion: 105 Resp: 396785

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#74

N-ethyl acetate

Concen: 18.509 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Tgt Ion: 43 Resp: 159156

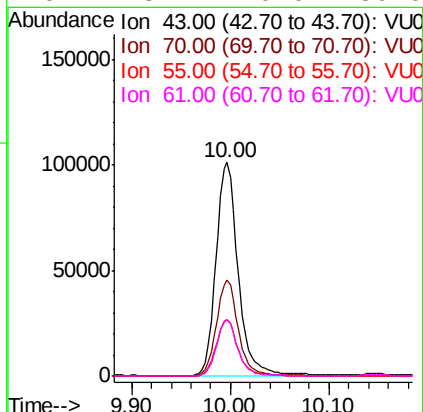
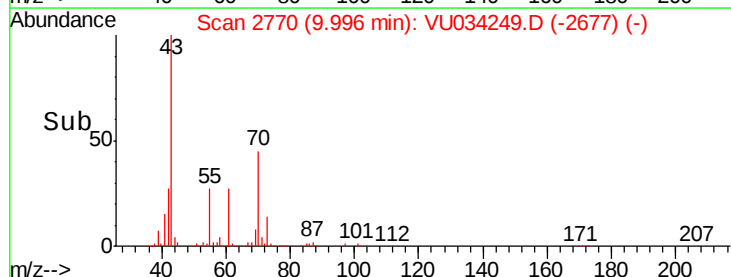
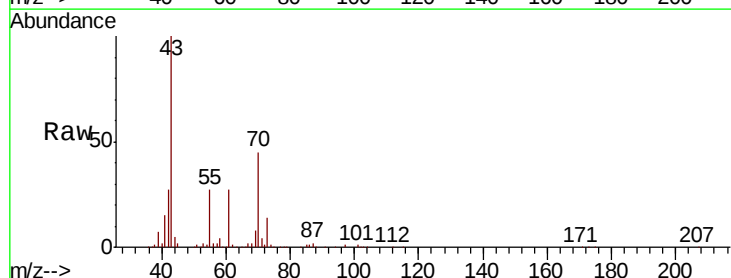
Ion Ratio Lower Upper

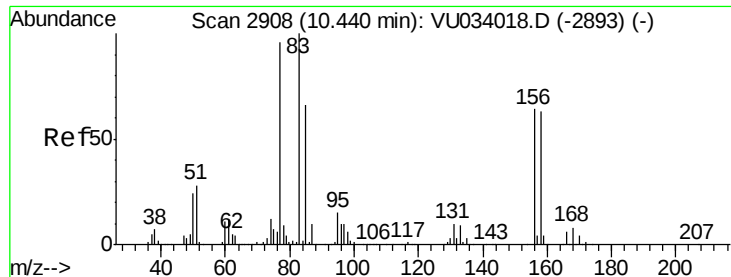
43 100

70 44.6 35.2 52.8

55 26.2 20.5 30.7

61 25.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.262 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0905WBSD01

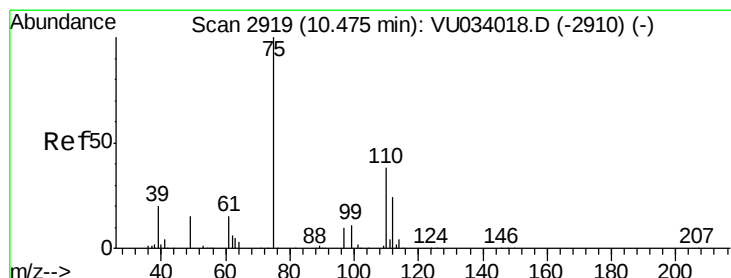
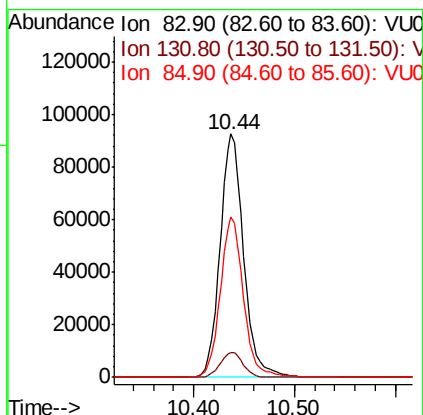
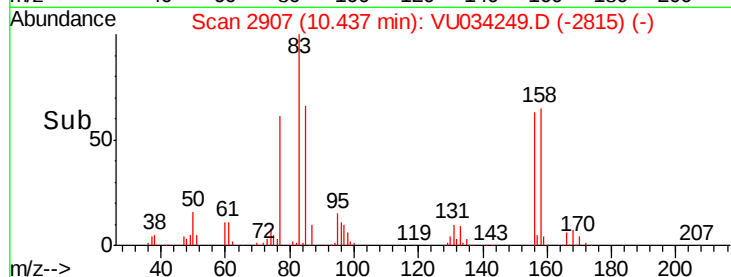
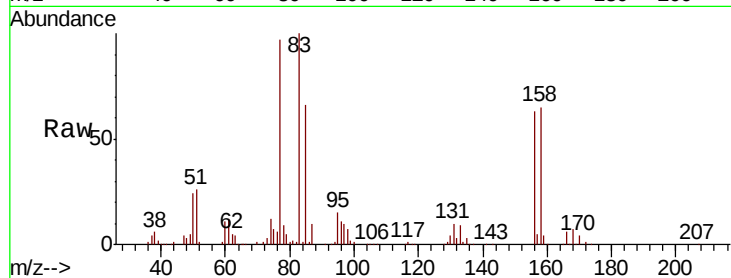
Tgt Ion: 83 Resp: 150732

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 64.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 19.482 ug/l m

RT: 10.48 min Scan# 2919

Delta R.T. -0.00 min

Lab File: VU034249.D

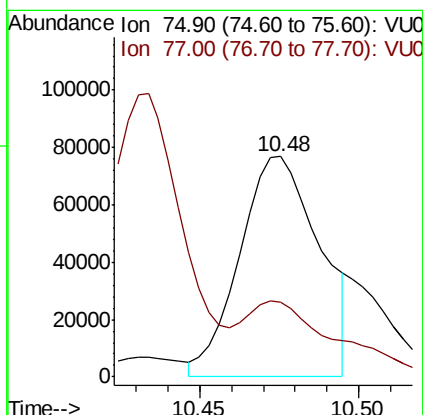
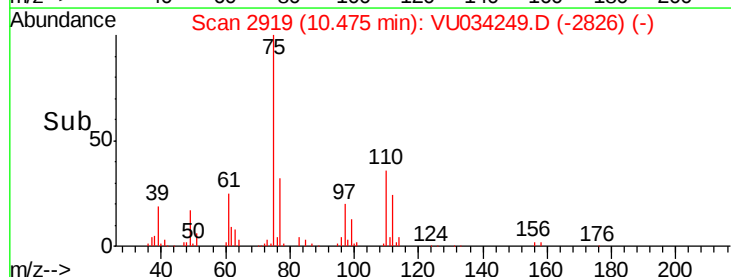
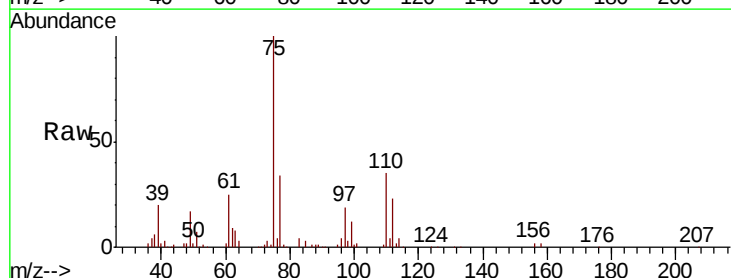
Acq: 04 Sep 2019 11:51

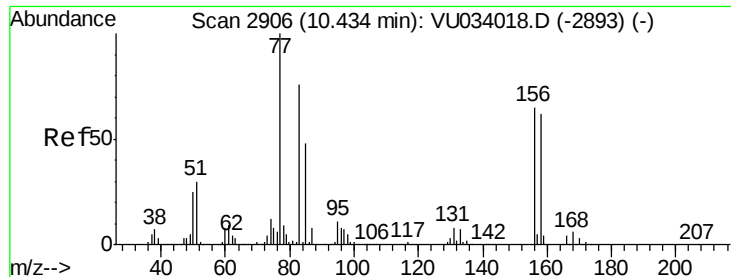
Tgt Ion: 75 Resp: 133650

Ion Ratio Lower Upper

75 100

77 40.4 20.1 60.2





#77

Bromobenzene

Concen: 19.494 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0905WBSD01

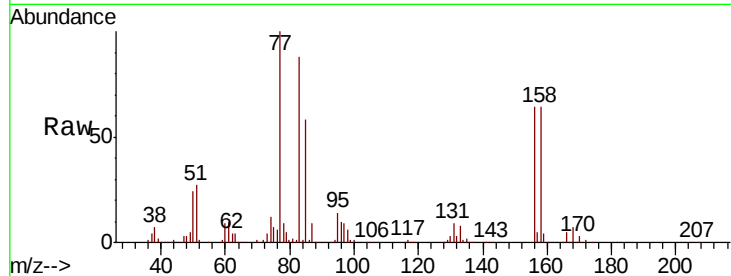
Tgt Ion:156 Resp: 107210

Ion Ratio Lower Upper

156 100

77 154.1 76.8 230.5

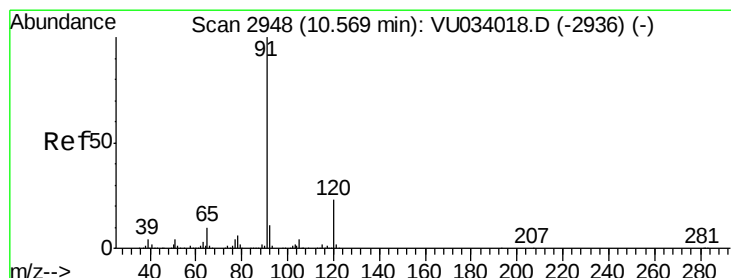
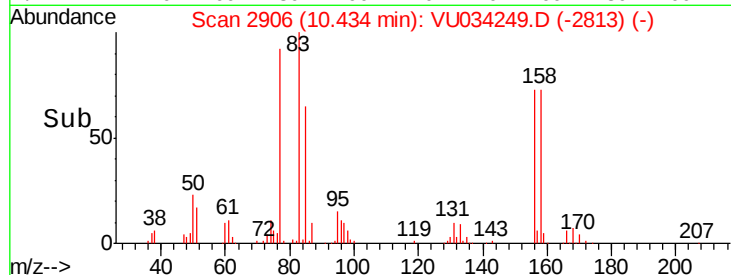
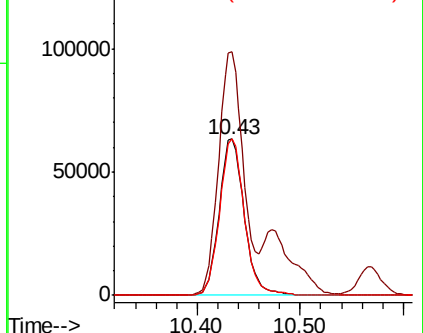
158 98.7 48.4 145.0



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: 19.246 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. -0.00 min

Lab File: VU034249.D

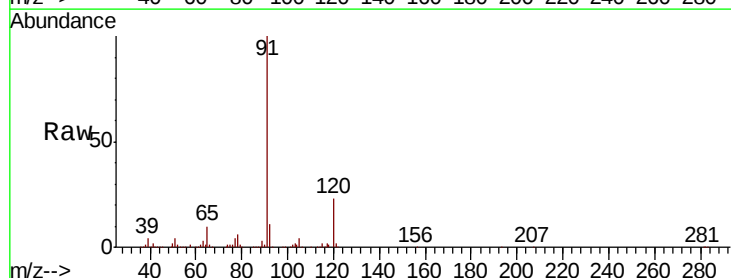
Acq: 04 Sep 2019 11:51

Tgt Ion: 91 Resp: 458253

Ion Ratio Lower Upper

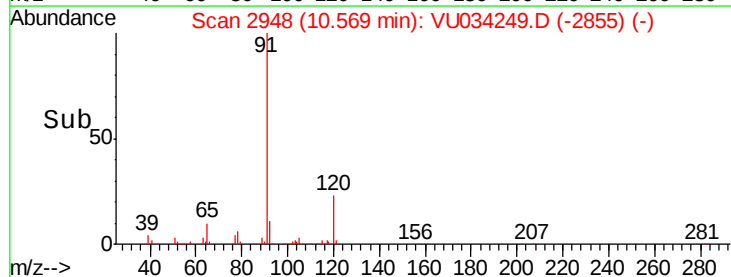
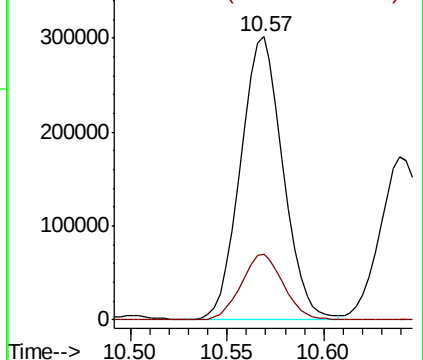
91 100

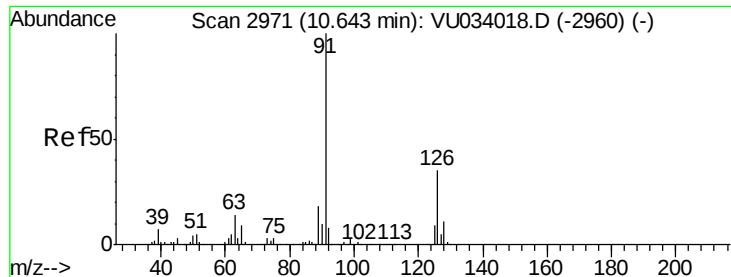
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.532 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034249.D

Acq: 04 Sep 2019 11:51

Instrument :

MSVOA_U

ClientSampleId :

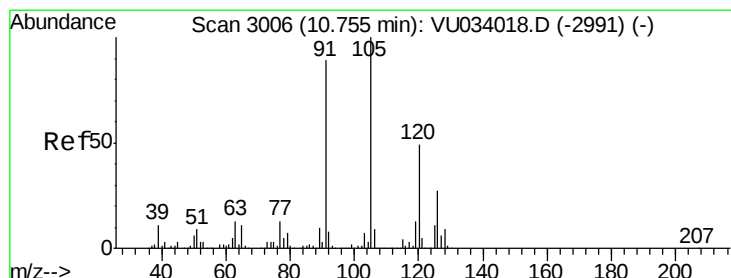
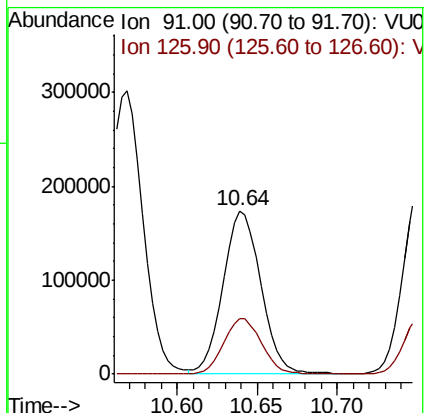
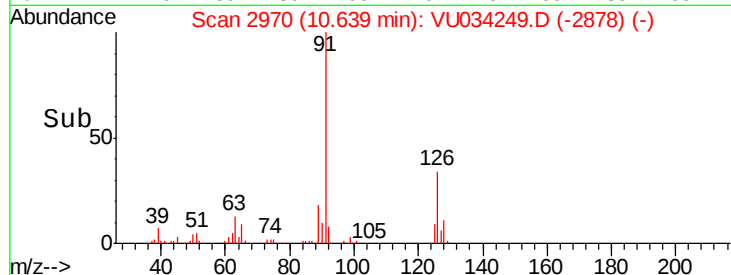
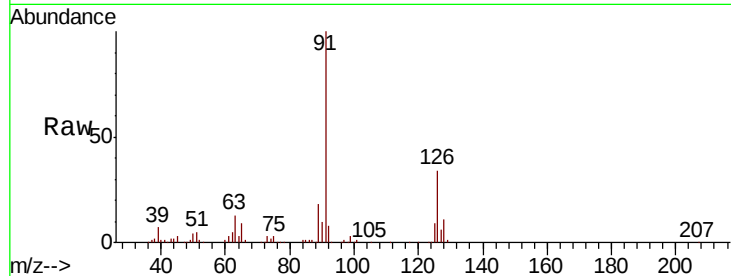
VU0905WBSD01

Tgt Ion: 91 Resp: 278939

Ion Ratio Lower Upper

91 100

126 34.3 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 19.837 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034249.D

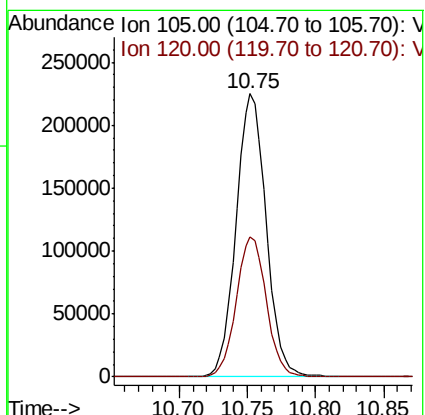
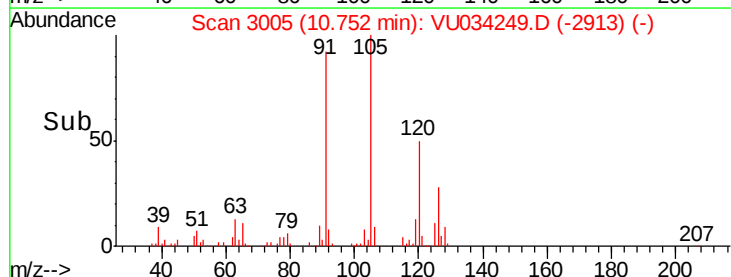
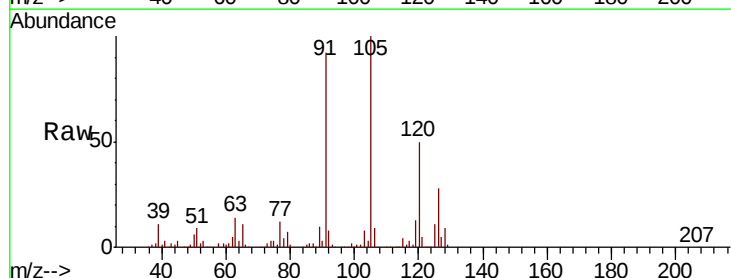
Acq: 04 Sep 2019 11:51

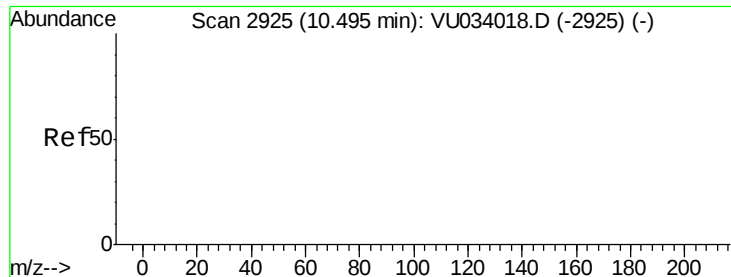
Tgt Ion: 105 Resp: 343741

Ion Ratio Lower Upper

105 100

120 49.6 24.6 73.6

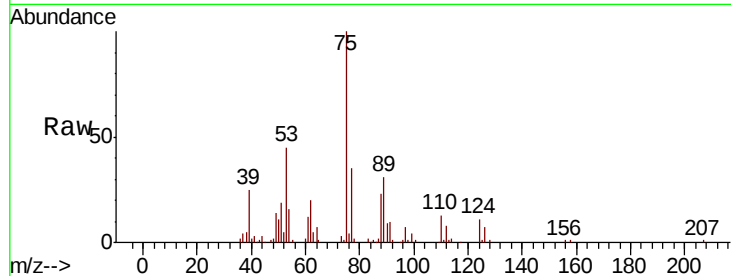




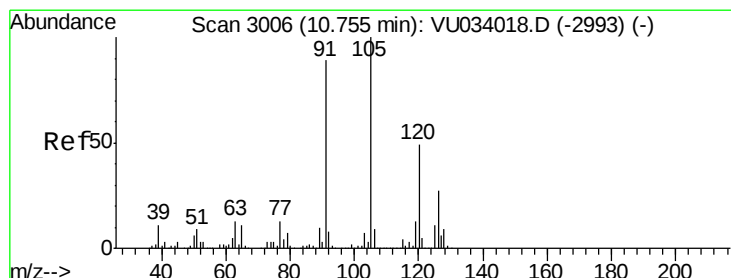
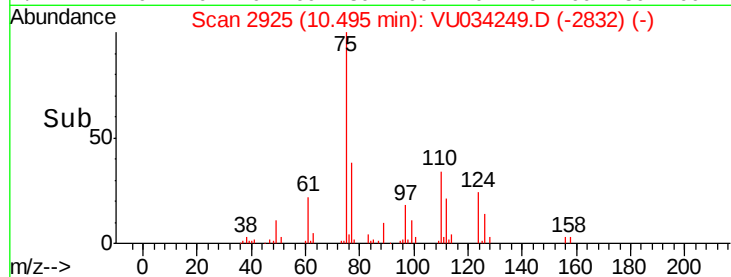
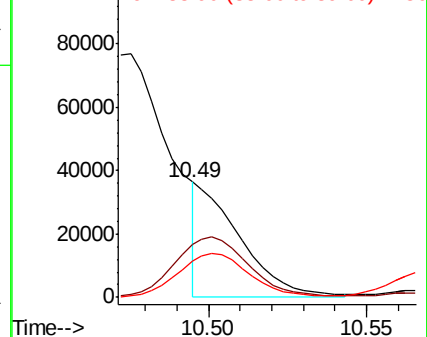
#81
trans-1,4-Dichloro-2-butene
Concen: 16.835 ug/l m
RT: 10.49 min Scan# 2925
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

Tgt Ion: 75 Resp: 34299
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

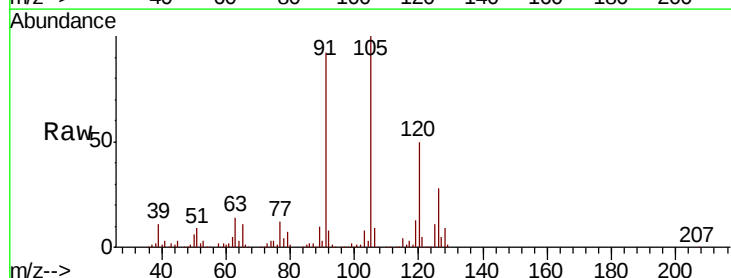


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

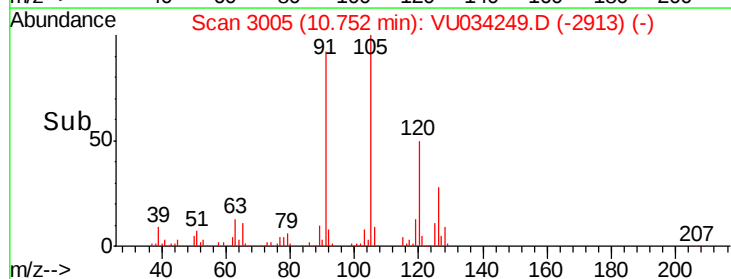
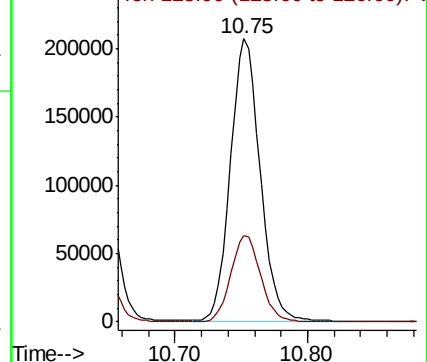


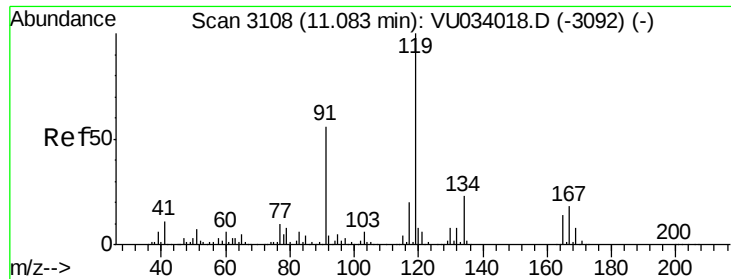
#82
4-Chlorotoluene
Concen: 19.543 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion: 91 Resp: 320990
Ion Ratio Lower Upper
91 100
126 30.7 15.0 45.1



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

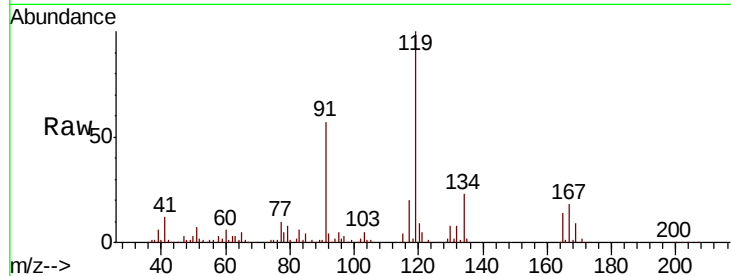




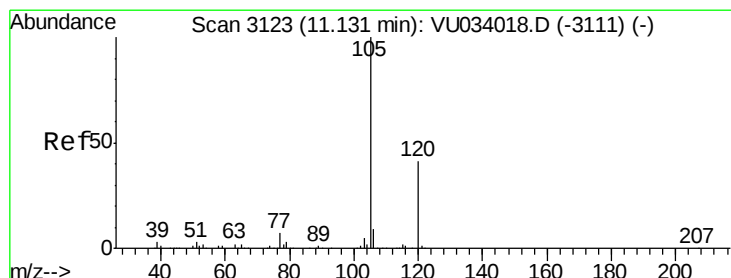
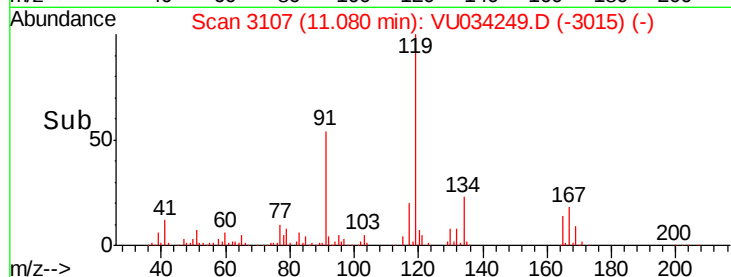
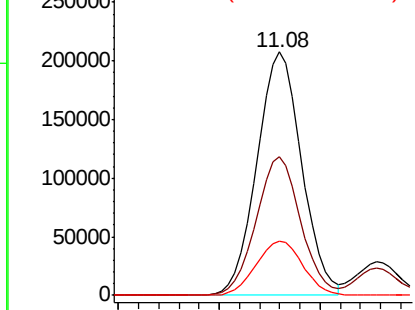
#83
tert-Butylbenzene
Concen: 18.804 ug/l
RT: 11.08 min Scan# 3107
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

Tgt Ion:119 Resp: 320774
Ion Ratio Lower Upper
119 100
91 56.5 27.9 83.6
134 23.4 11.4 34.2

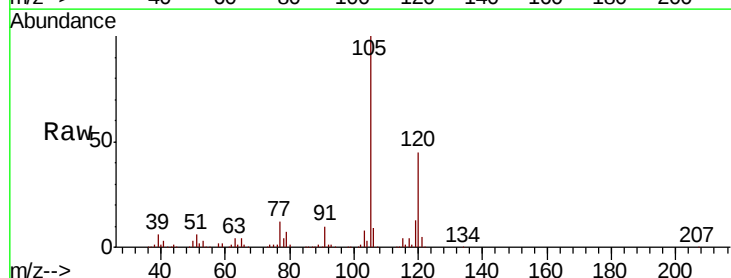


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VU
Ion 134.00 (133.70 to 134.70): V

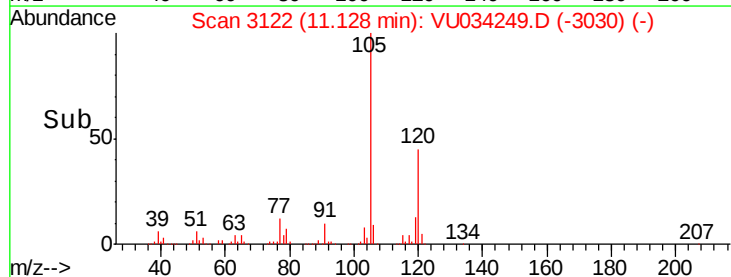
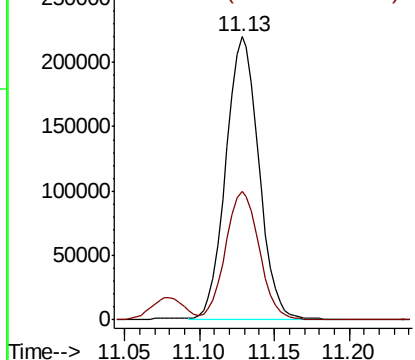


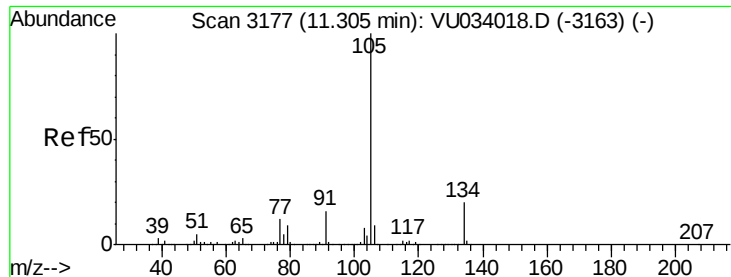
#84
1,2,4-Trimethylbenzene
Concen: 19.558 ug/l
RT: 11.13 min Scan# 3122
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion:105 Resp: 336522
Ion Ratio Lower Upper
105 100
120 46.7 22.6 67.8



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

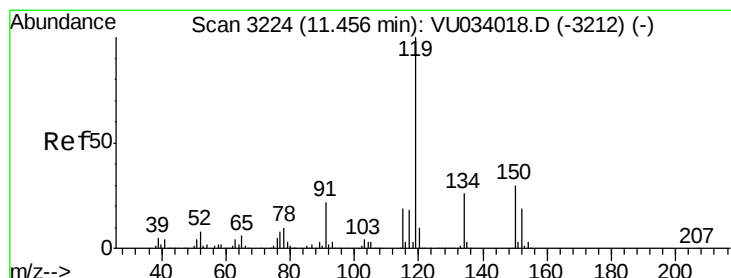
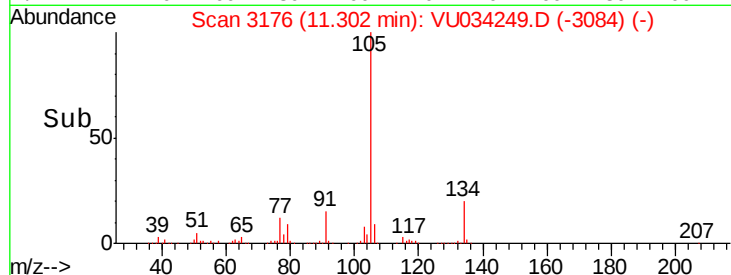
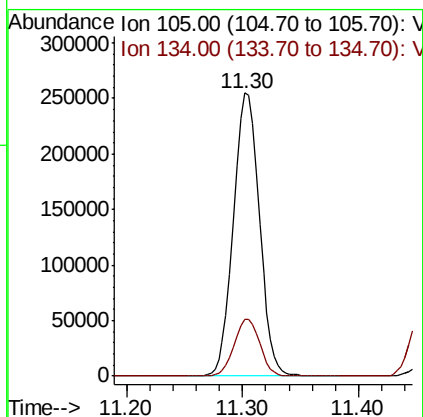
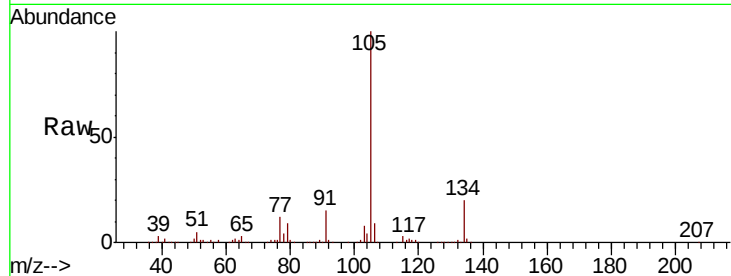




#85
 sec-Butylbenzene
 Concen: 19.254 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

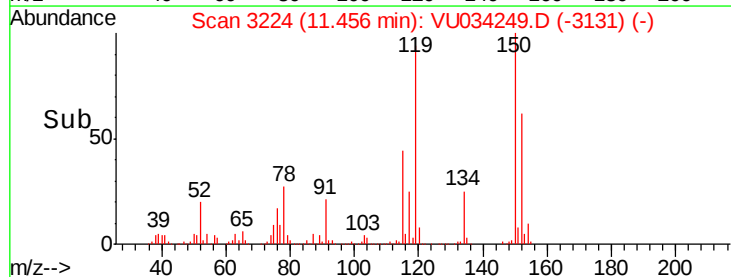
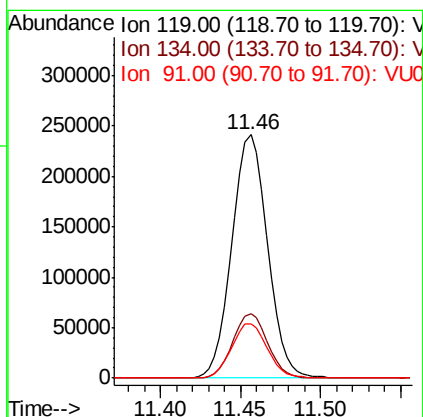
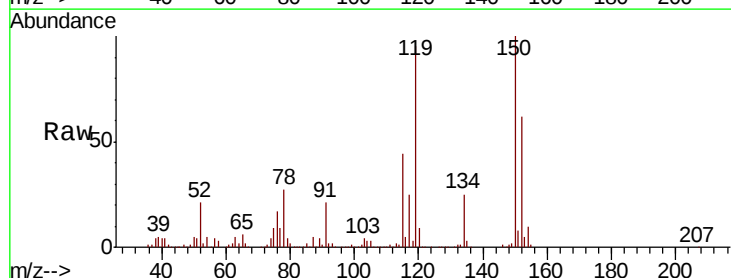
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBSD01

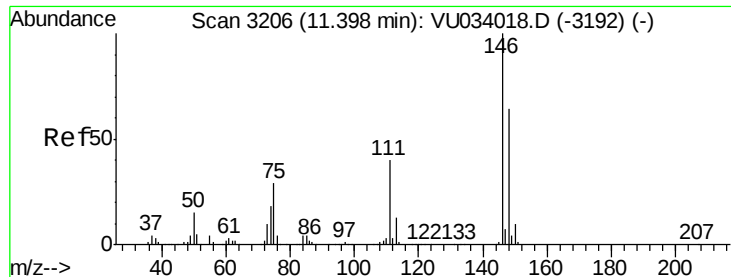
Tgt Ion:105 Resp: 393659
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 19.674 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Tgt Ion:119 Resp: 363790
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 22.5 11.2 33.6

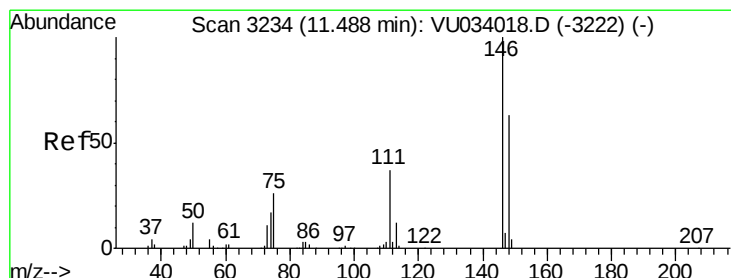
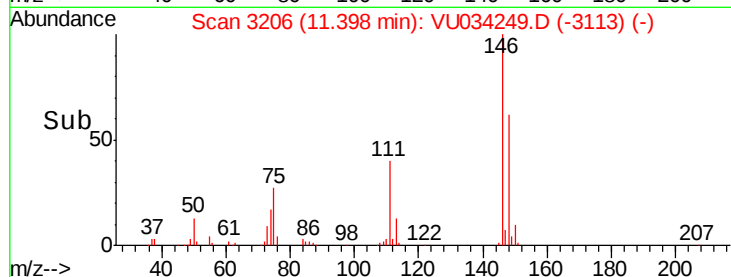
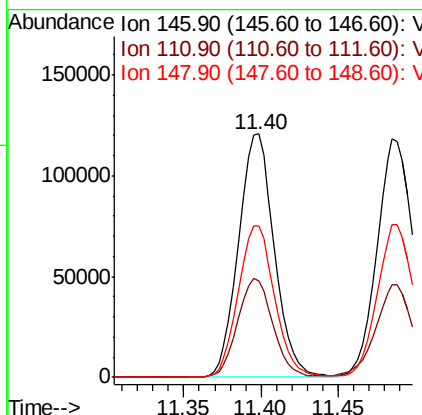
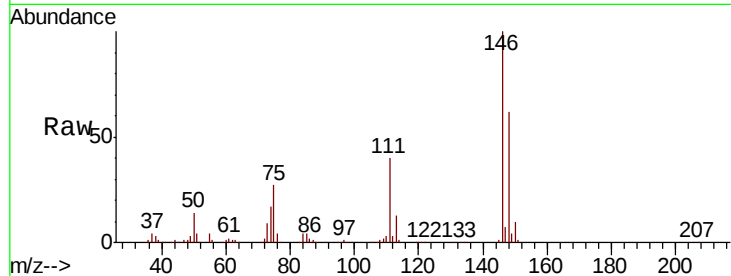




#87
 1,3-Dichlorobenzene
 Concen: 20.023 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

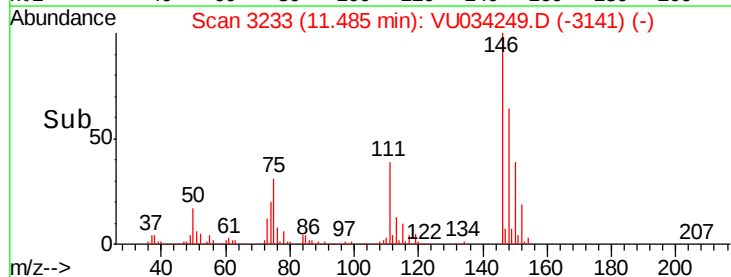
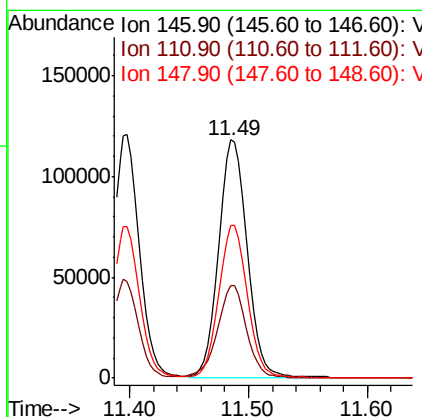
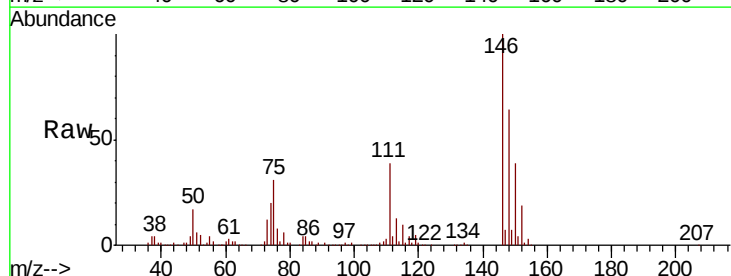
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBSD01

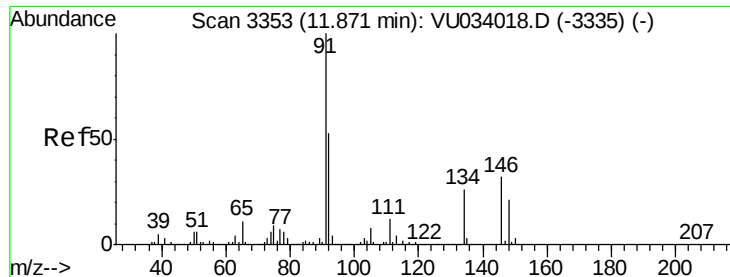
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.6
148	63.3	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.923 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.2	57.6
148	63.3	31.9	95.9

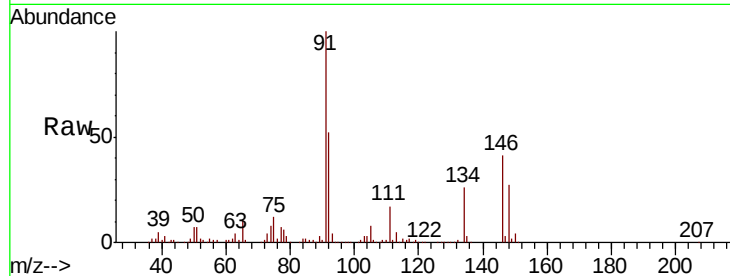




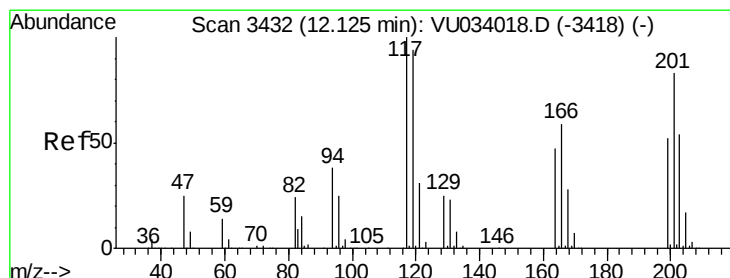
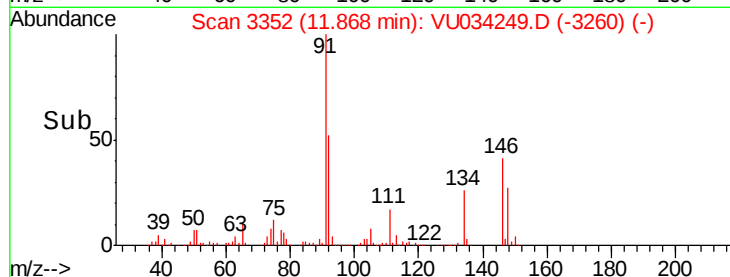
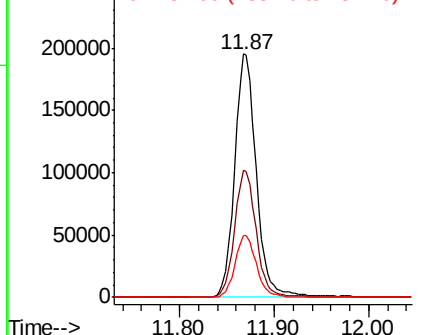
#89
n-Butylbenzene
Concen: 19.040 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

Tgt Ion: 91 Resp: 310399
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.9
134 25.6 12.9 38.7

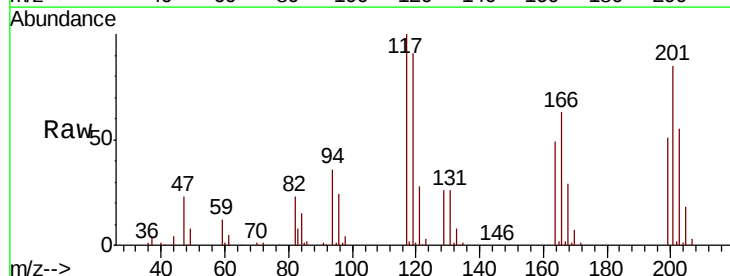


Abundance Ion 91.00 (90.70 to 91.70): VU034018.D (-3335) (-)
Ion 92.00 (91.70 to 92.70): VU034018.D (-3335) (-)
Ion 134.00 (133.70 to 134.70): VU034018.D (-3335) (-)

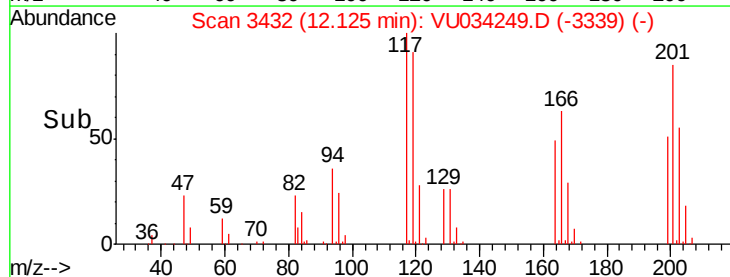
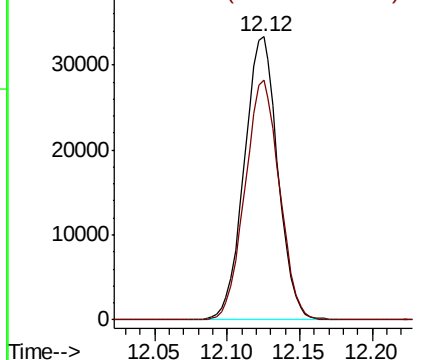


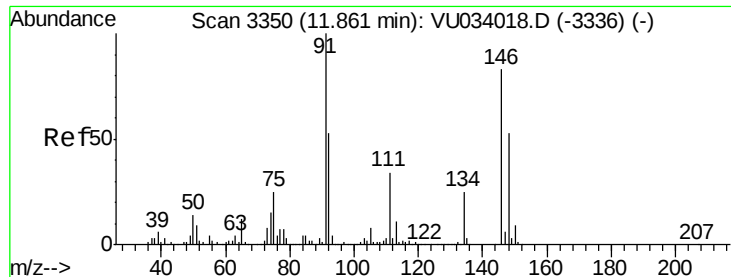
#90
Hexachloroethane
Concen: 16.813 ug/l
RT: 12.12 min Scan# 3432
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion: 117 Resp: 53752
Ion Ratio Lower Upper
117 100
201 86.8 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) (-)

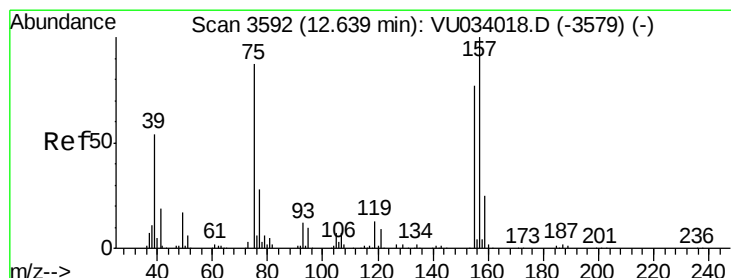
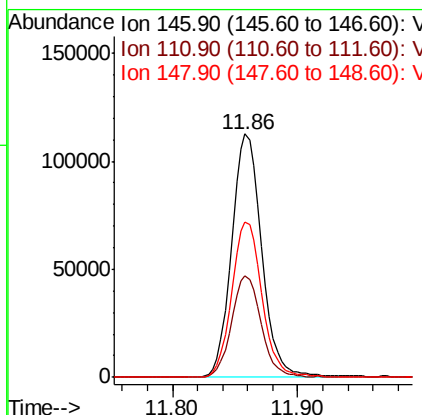
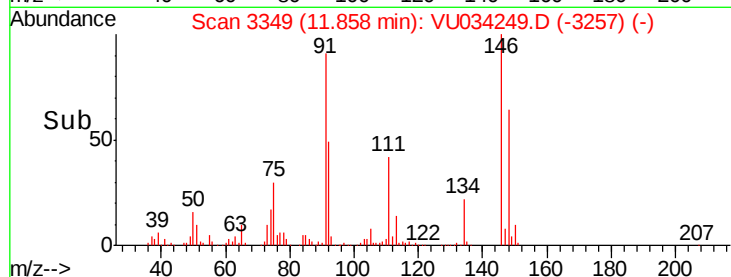
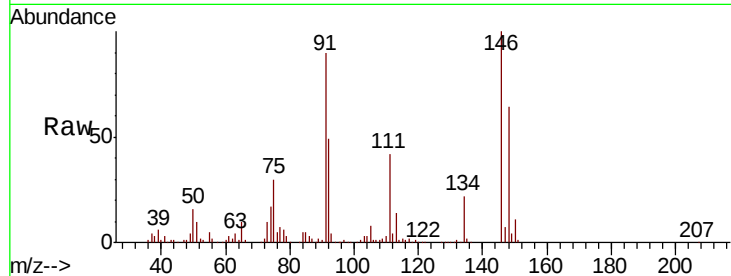




#91
 1,2-Dichlorobenzene
 Concen: 20.067 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

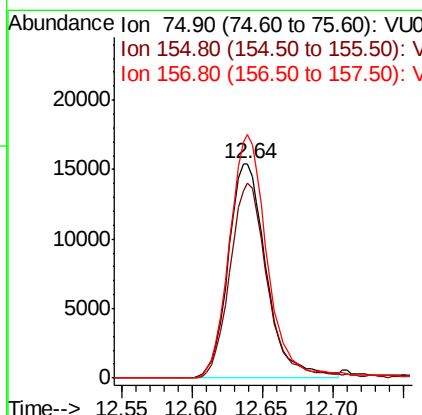
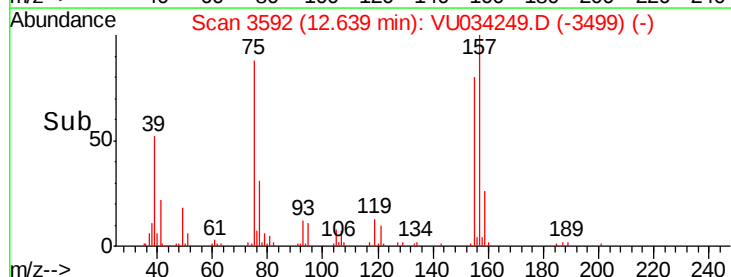
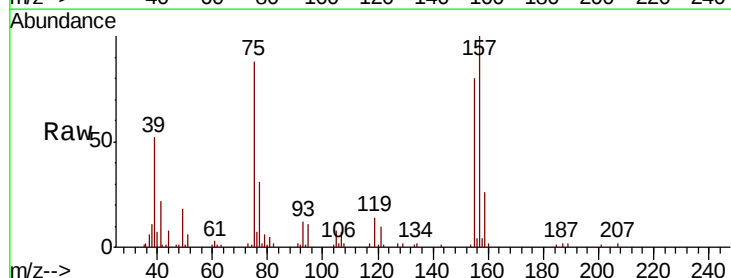
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBSD01

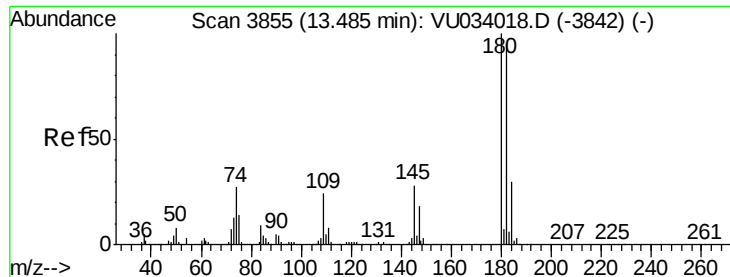
Tgt Ion: 146 Resp: 187164
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.2
 148 64.6 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.628 ug/l
 RT: 12.64 min Scan# 3592
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Tgt Ion: 75 Resp: 29040
 Ion Ratio Lower Upper
 75 100
 155 90.3 43.5 130.7
 157 112.8 56.9 170.6

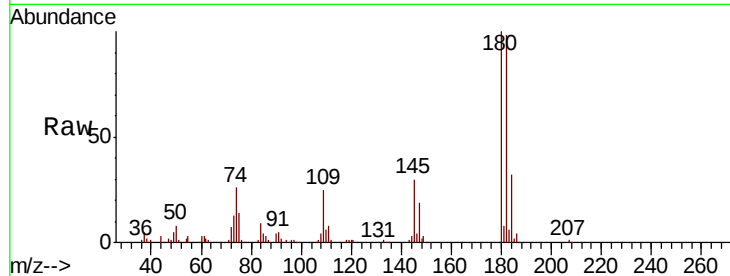




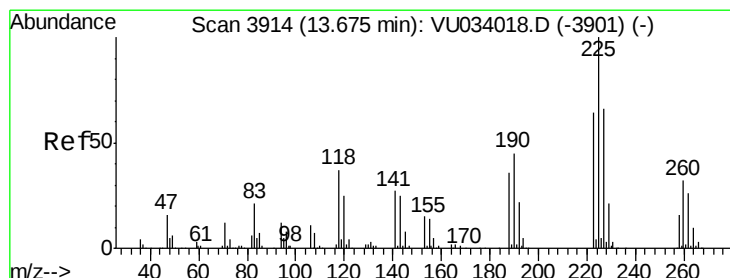
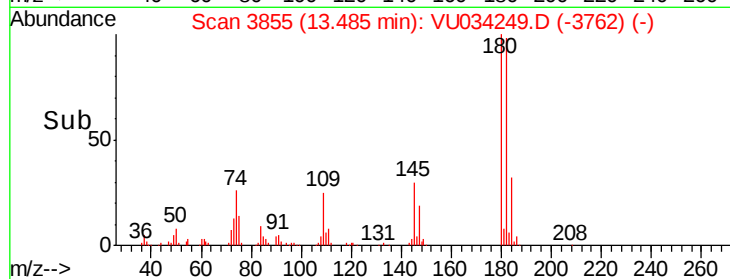
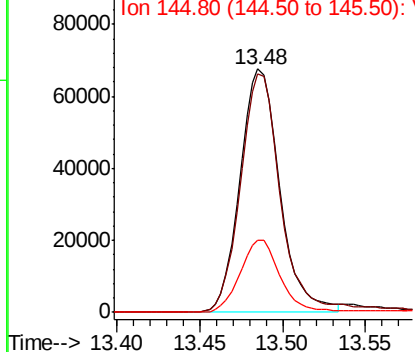
#93
 1,2,4-Trichlorobenzene
 Concen: 17.816 ug/l
 RT: 13.48 min Scan# 3855
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBSD01

Tgt Ion:180 Resp: 113324
 Ion Ratio Lower Upper
 180 100
 182 101.2 47.4 142.2
 145 30.2 14.1 42.3

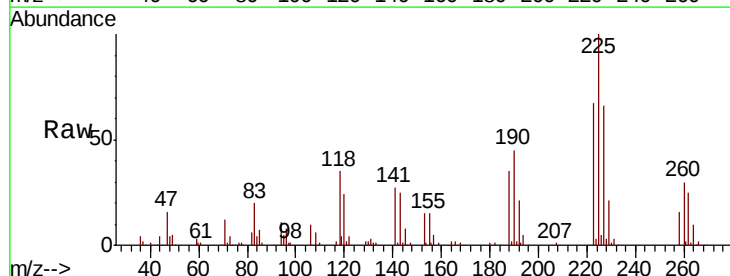


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

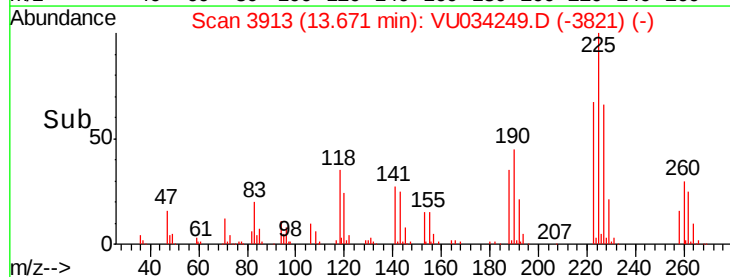
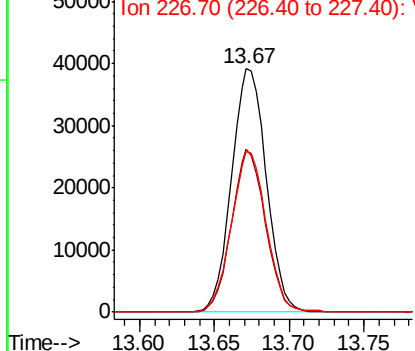


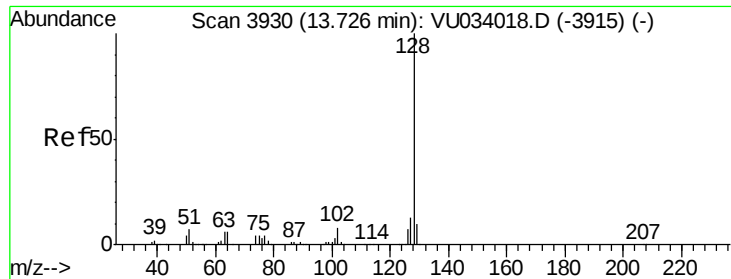
#94
 Hexachlorobutadiene
 Concen: 17.367 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034249.D
 Acq: 04 Sep 2019 11:51

Tgt Ion:225 Resp: 63365
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.8 95.3
 227 66.1 32.6 97.8



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

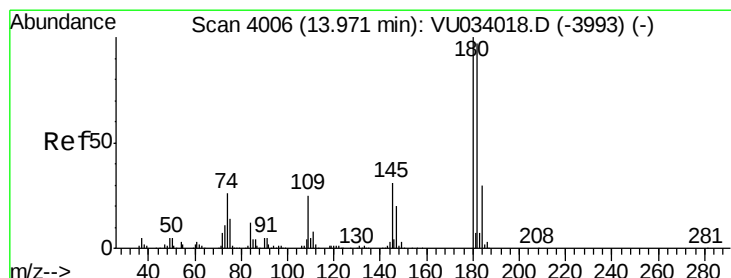
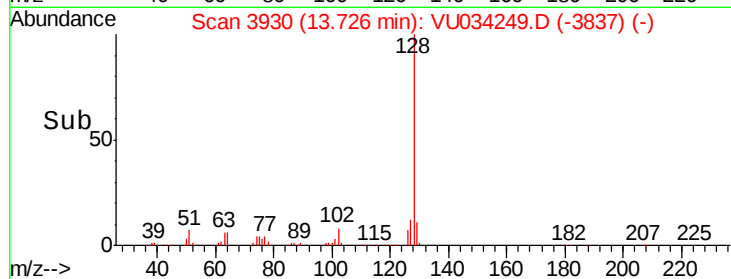
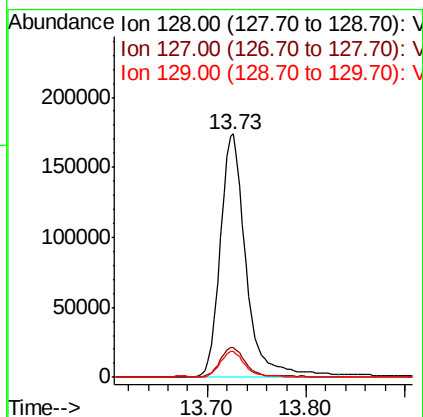
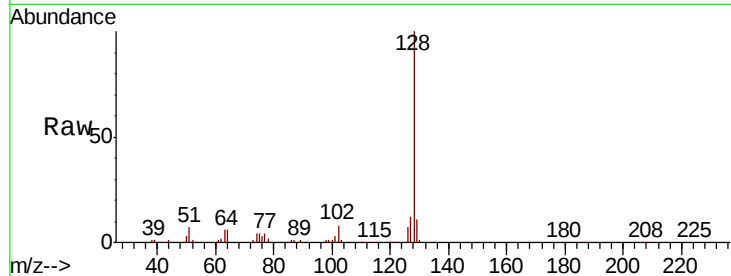




#95
Naphthalene
Concen: 18.075 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Instrument :
MSVOA_U
ClientSampleId :
VU0905WBSD01

Tgt Ion:128 Resp: 320890
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 20.121 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. -0.00 min
Lab File: VU034249.D
Acq: 04 Sep 2019 11:51

Tgt Ion:180 Resp: 120214
Ion Ratio Lower Upper
180 100
182 96.2 48.2 144.6
145 31.5 15.5 46.5

