

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
 Data File : VU034444.D
 Acq On : 10 Sep 2019 12:29
 Operator : JC/SP
 Sample : VU0910WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

Quant Time: Sep 11 05:53:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	259869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	370753	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	367578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	243822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	203170	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	4.86	113	183358	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	7.54	98	684968	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	10.29	95	251694	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52916	19.470	ug/l	99
3) Chloromethane	1.32	50	61192	20.790	ug/l	99
4) Vinyl Chloride	1.40	62	64621	19.081	ug/l	98
5) Bromomethane	1.62	94	41374	21.659	ug/l	97
6) Chloroethane	1.69	64	42457	20.987	ug/l	96
7) Trichlorofluoromethane	1.88	101	94662	20.846	ug/l	97
8) Diethyl Ether	2.09	74	41279	20.666	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	61978	20.607	ug/l	99
10) Methyl Iodide	2.40	142	41893	17.900	ug/l	100
11) Tert butyl alcohol	2.81	59	99056	119.249	ug/l	96
12) 1,1-Dichloroethene	2.27	96	57536	20.349	ug/l	94
13) Acrolein	2.18	56	50591	72.463	ug/l	98
14) Allyl chloride	2.58	41	95798	17.723	ug/l	94
15) Acrylonitrile	2.92	53	223148	107.876	ug/l	100
16) Acetone	2.31	43	182545	89.714	ug/l	100
17) Carbon Disulfide	2.47	76	112279	17.669	ug/l	100
18) Methyl Acetate	2.60	43	100397	20.278	ug/l	97
19) Methyl tert-butyl Ether	2.98	73	223327	21.670	ug/l	98
20) Methylene Chloride	2.69	84	74292	22.068	ug/l	98
21) trans-1,2-Dichloroethene	2.97	96	60151	20.188	ug/l	96
22) Diisopropyl ether	3.55	45	229882	21.808	ug/l	93
23) Vinyl Acetate	3.51	43	911564	106.161	ug/l	99
24) 1,1-Dichloroethane	3.43	63	131795	20.936	ug/l	99
25) 2-Butanone	4.24	43	280178	103.154	ug/l	99
26) 2,2-Dichloropropane	4.20	77	101008	19.950	ug/l	99
27) cis-1,2-Dichloroethene	4.21	96	77957	21.543	ug/l	97
28) Bromochloromethane	4.53	49	63010	21.761	ug/l	99
29) Tetrahydrofuran	4.62	42	178393	107.936	ug/l	99
30) Chloroform	4.65	83	133688	20.892	ug/l	100
31) Cyclohexane	4.97	56	90482	19.647	ug/l	96
32) 1,1,1-Trichloroethane	4.89	97	111438	21.782	ug/l	98
36) 1,1-Dichloropropene	5.12	75	81793	20.342	ug/l	99
37) Ethyl Acetate	4.36	43	103737	21.821	ug/l	99
38) Carbon Tetrachloride	5.11	117	92255	21.489	ug/l	96

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 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 11 05:53:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	83660	19.464	ug/l	99
40) Benzene	5.37	78	276456	21.308	ug/l	99
41) Methacrylonitrile	4.52	41	55802	22.037	ug/l	99
42) 1,2-Dichloroethane	5.39	62	99162	22.014	ug/l	99
43) Isopropyl Acetate	5.53	43	156121	21.052	ug/l	99
44) Trichloroethene	6.17	130	76118	21.201	ug/l	96
45) 1,2-Dichloropropane	6.41	63	80619	21.255	ug/l	100
46) Dibromomethane	6.54	93	52346	21.986	ug/l	99
47) Bromodichloromethane	6.74	83	107103	21.854	ug/l	98
48) Methyl methacrylate	6.60	41	71204	20.215	ug/l	97
49) 1,4-Dioxane	6.59	88	30995	402.975	ug/l	98
51) 4-Methyl-2-Pentanone	7.44	43	547235	106.602	ug/l	100
52) Toluene	7.62	92	177933	21.862	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	105592	20.785	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	119415	21.417	ug/l	99
55) 1,1,2-Trichloroethane	8.04	97	79708	21.568	ug/l	97
56) Ethyl methacrylate	8.00	69	105014	20.629	ug/l	98
57) 1,3-Dichloropropane	8.22	76	128660	21.380	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	159780	95.138	ug/l	99
59) 2-Hexanone	8.34	43	407793	106.336	ug/l	98
60) Dibromochloromethane	8.45	129	88137	22.235	ug/l	100
61) 1,2-Dibromoethane	8.57	107	77289	21.367	ug/l	98
64) Tetrachloroethene	8.21	164	65476	20.532	ug/l	99
65) Chlorobenzene	9.10	112	199493	21.392	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	79160	22.242	ug/l	99
67) Ethyl Benzene	9.23	91	324799	21.301	ug/l	99
68) m/p-Xylenes	9.35	106	256111	44.605	ug/l	99
69) o-Xylene	9.76	106	121281	21.599	ug/l	97
70) Styrene	9.77	104	219883	22.335	ug/l	100
71) Bromoform	9.94	173	68080	22.072	ug/l #	97
73) Isopropylbenzene	10.14	105	339754	21.412	ug/l	100
74) N-amyl acetate	9.99	43	133272	20.866	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.43	83	138627	21.584	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	147052	27.630	ug/l	85
77) Bromobenzene	10.43	156	94843	21.377	ug/l	100
78) n-propylbenzene	10.57	91	394314	21.518	ug/l	99
79) 2-Chlorotoluene	10.64	91	245087	21.919	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	299680	22.582	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.47	75	147679	93.314	ug/l #	100
82) 4-Chlorotoluene	10.75	91	280231	21.778	ug/l	100
83) tert-Butylbenzene	11.08	119	286864	21.608	ug/l	98
84) 1,2,4-Trimethylbenzene	11.12	105	295771	22.141	ug/l	100
85) sec-Butylbenzene	11.30	105	341892	21.814	ug/l	100
86) p-Isopropyltoluene	11.45	119	315304	21.797	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	175754	21.709	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	176858	20.944	ug/l	99
89) n-Butylbenzene	11.87	91	260399	20.714	ug/l	99
90) Hexachloroethane	12.12	117	48930	21.142	ug/l	99
91) 1,2-Dichlorobenzene	11.85	146	171773	21.589	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	26845	22.746	ug/l	96

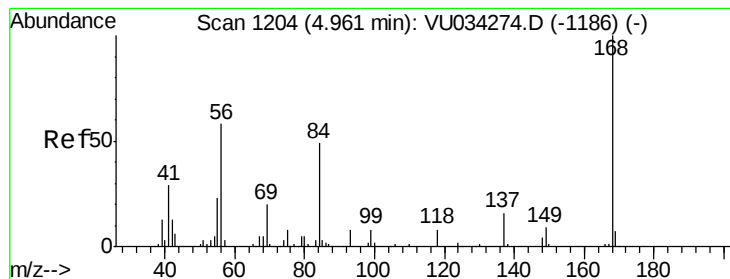
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
Data File : VU034444.D
Acq On : 10 Sep 2019 12:29
Operator : JC/SP
Sample : VU0910WBSD01
Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
ClientSampleId :
VU0910WBSD01

Quant Time: Sep 11 05:53:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	100477	19.662	ug/l	97
94) Hexachlorobutadiene	13.67	225	53162	19.101	ug/l	99
95) Naphthalene	13.72	128	270766	19.307	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	106551	20.746	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

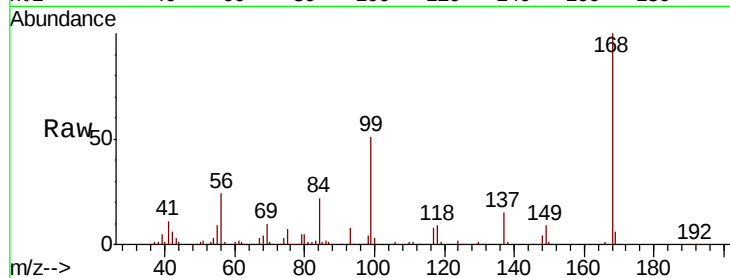
VU0910WBSD01

Tgt Ion:168 Resp: 259869

Ion Ratio Lower Upper

168 100

99 50.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034444.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034444.D (-1111) (-)

4.96

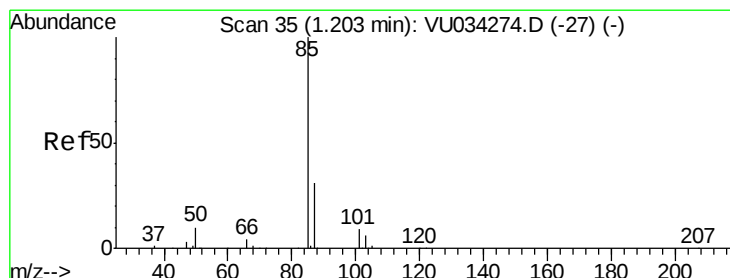
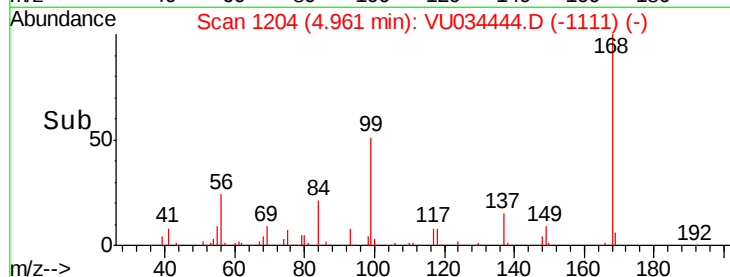
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.470 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU034444.D

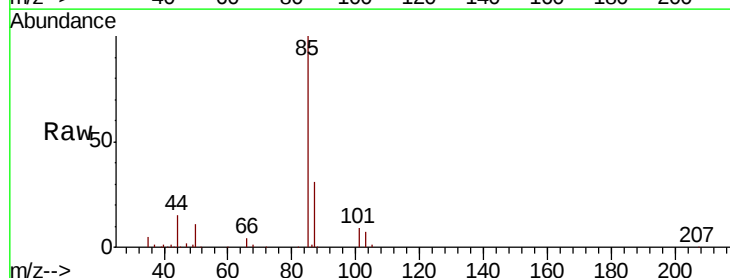
Acq: 10 Sep 2019 12:29

Tgt Ion: 85 Resp: 52916

Ion Ratio Lower Upper

85 100

87 30.6 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034444.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU034444.D (-1) (-)

1.20

60000

50000

40000

30000

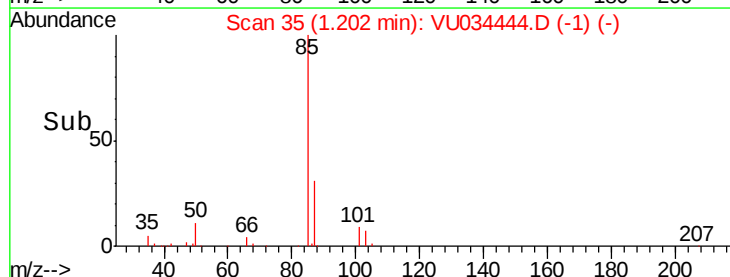
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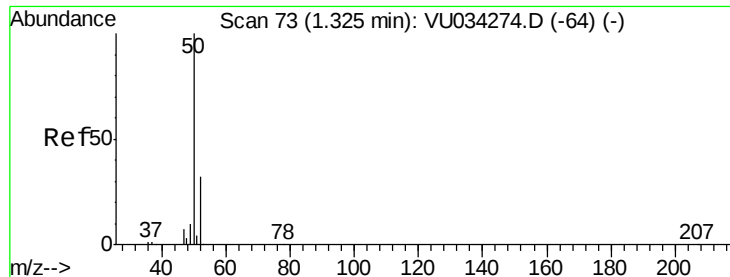
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.790 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

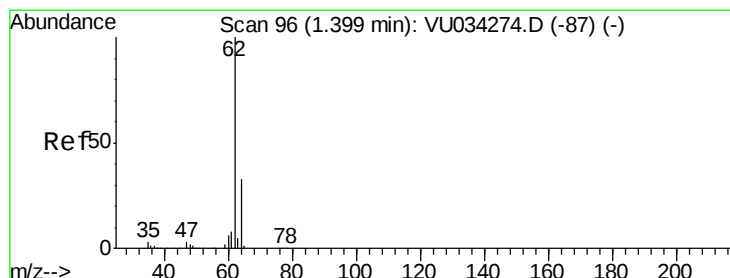
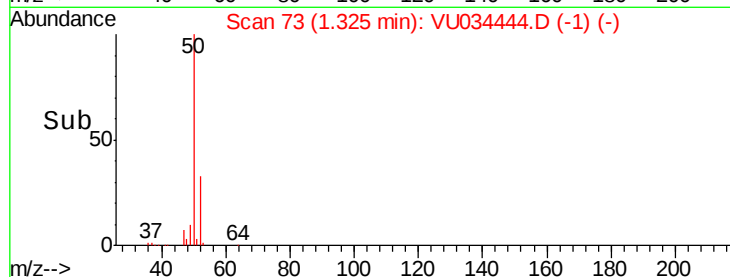
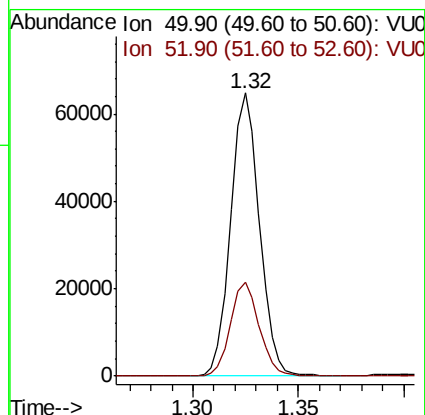
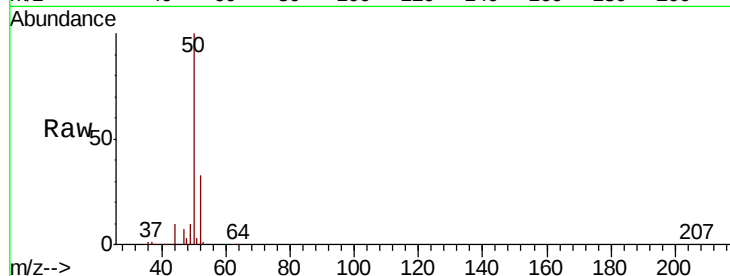
VU0910WBSD01

Tgt Ion: 50 Resp: 61192

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.6



#4

Vinyl Chloride

Concen: 19.081 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU034444.D

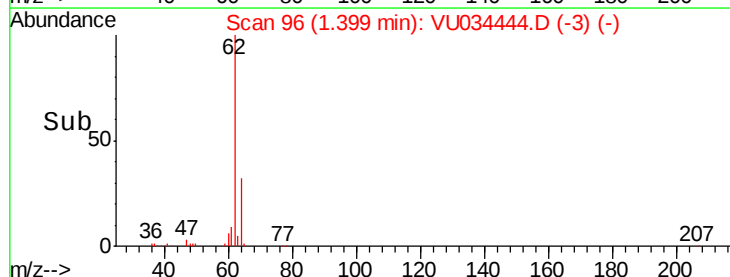
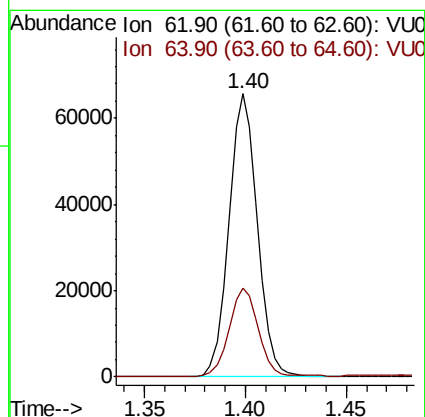
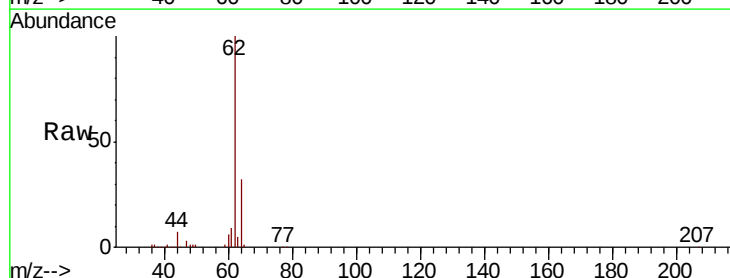
Acq: 10 Sep 2019 12:29

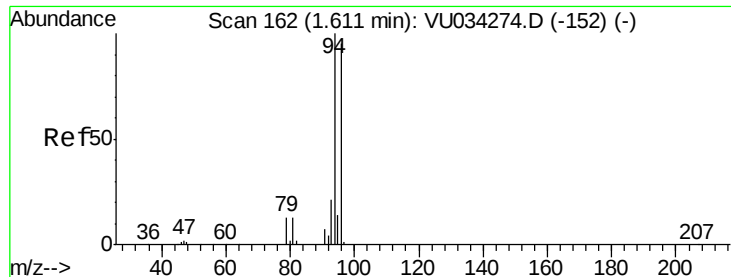
Tgt Ion: 62 Resp: 64621

Ion Ratio Lower Upper

62 100

64 31.5 26.2 39.4





#5

Bromomethane

Concen: 21.659 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.01 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

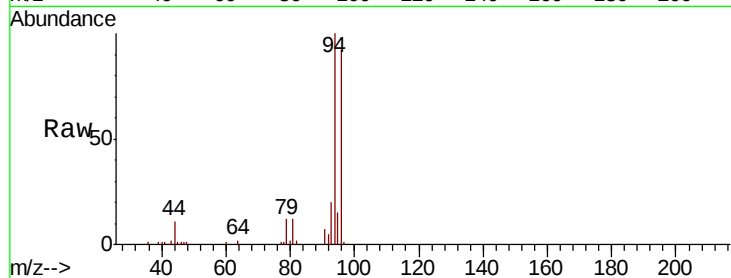
VU0910WBSD01

Tgt Ion: 94 Resp: 41374

Ion Ratio Lower Upper

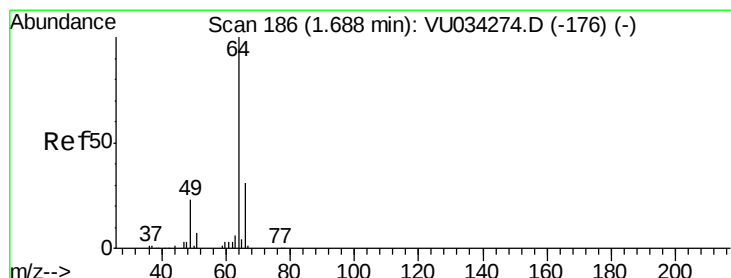
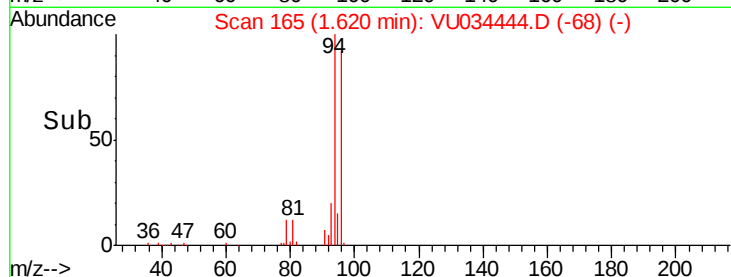
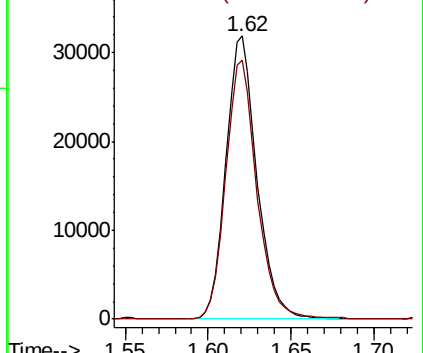
94 100

96 91.5 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 20.987 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU034444.D

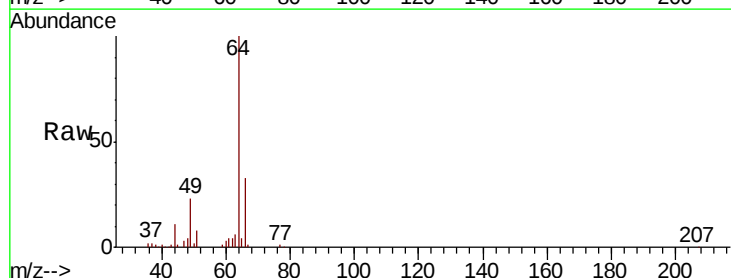
Acq: 10 Sep 2019 12:29

Tgt Ion: 64 Resp: 42457

Ion Ratio Lower Upper

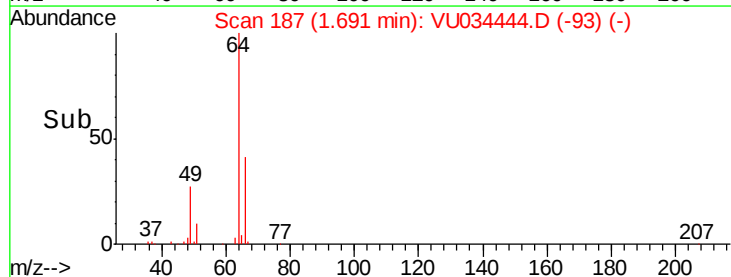
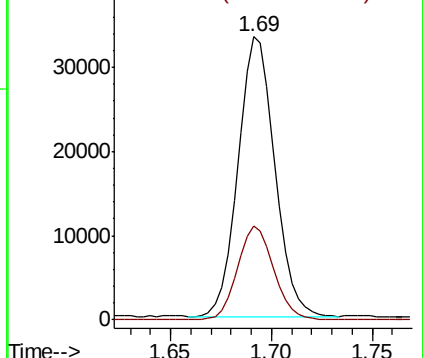
64 100

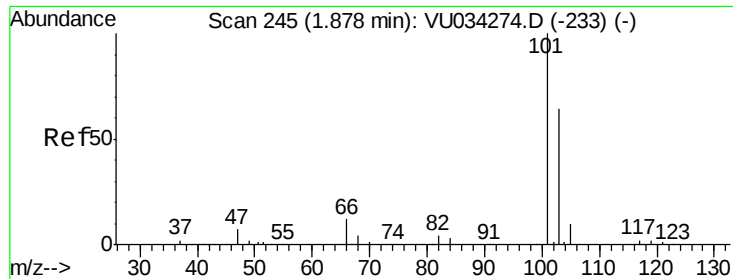
66 33.4 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



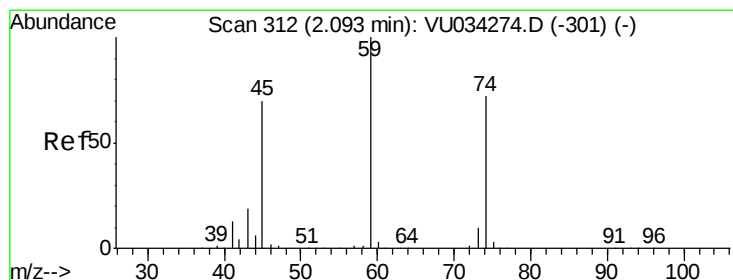
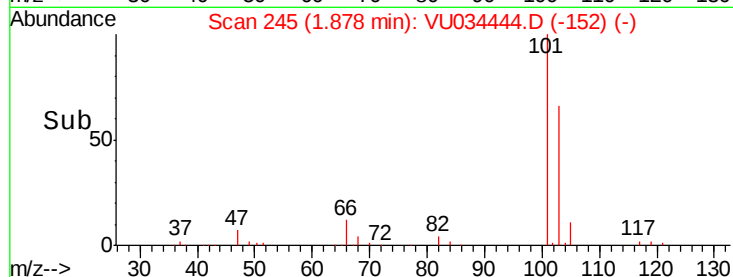
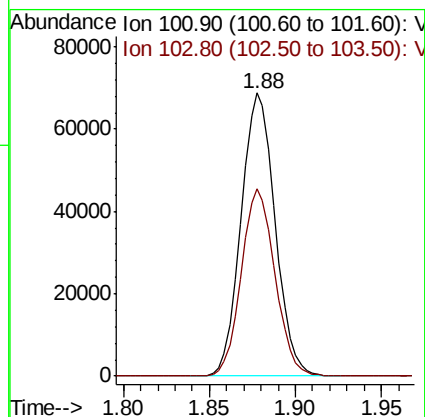
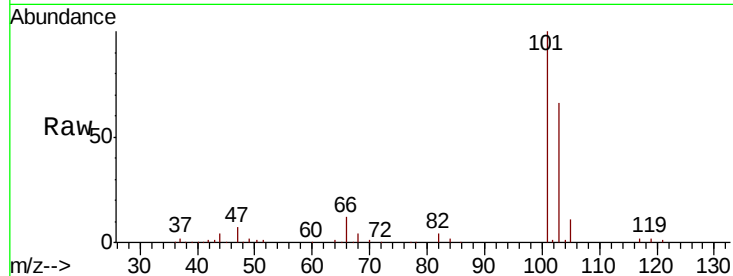


#7

Trichlorofluoromethane
 Concen: 20.846 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

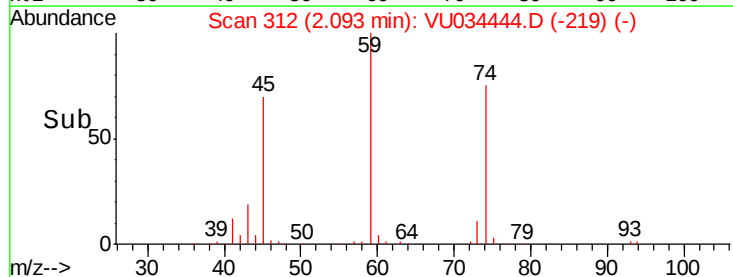
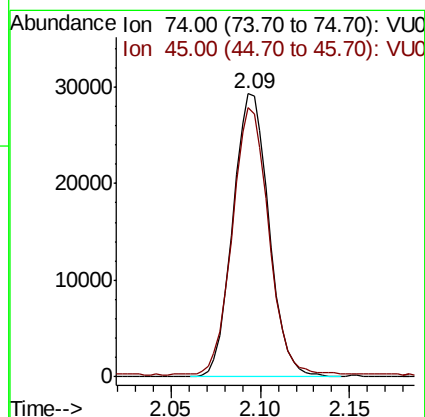
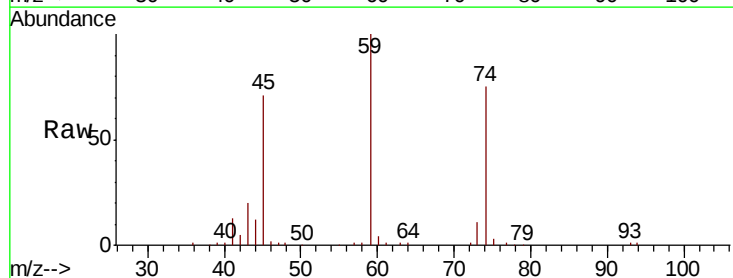
Tgt Ion:101 Resp: 94662
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.0 76.6



#8

Diethyl Ether
 Concen: 20.666 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion: 74 Resp: 41279
 Ion Ratio Lower Upper
 74 100
 45 94.5 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.607 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBSD01

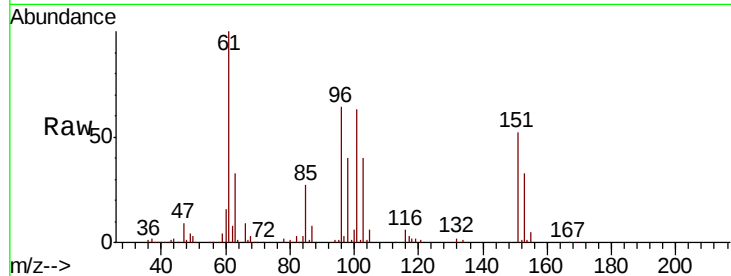
Tgt Ion:101 Resp: 61978

Ion Ratio Lower Upper

101 100

85 42.6 34.4 51.6

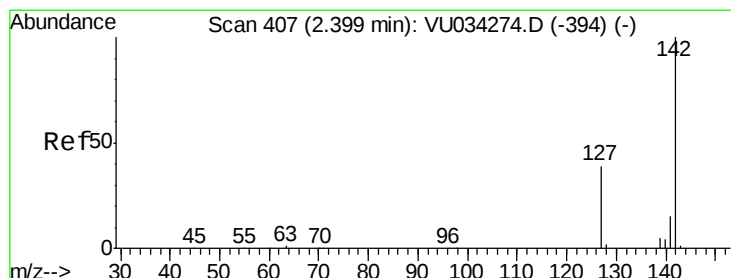
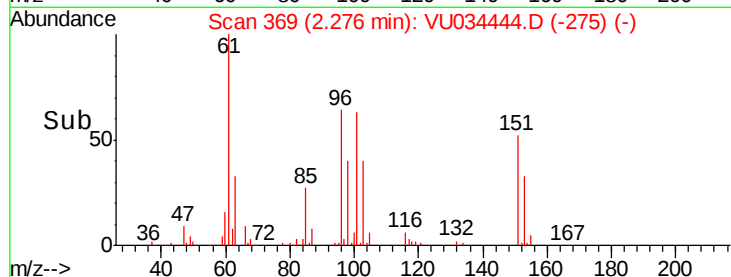
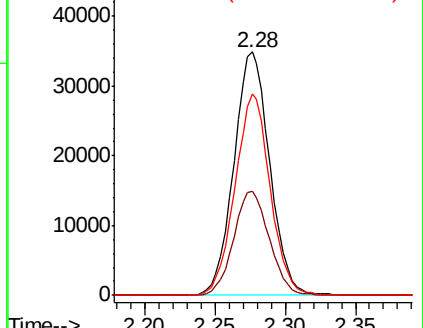
151 81.1 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.900 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

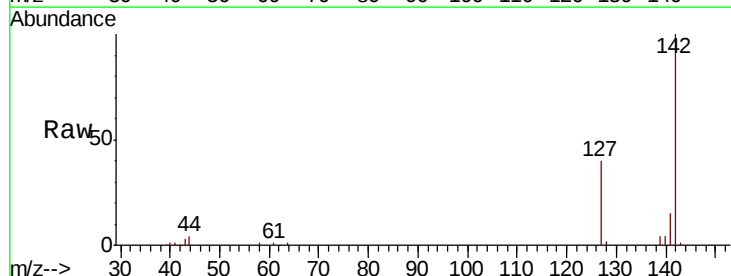
Tgt Ion:142 Resp: 41893

Ion Ratio Lower Upper

142 100

127 40.2 32.1 48.1

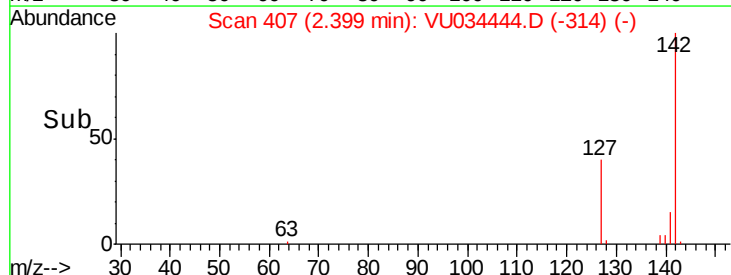
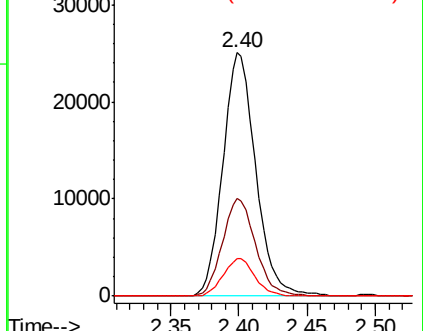
141 14.7 11.5 17.3

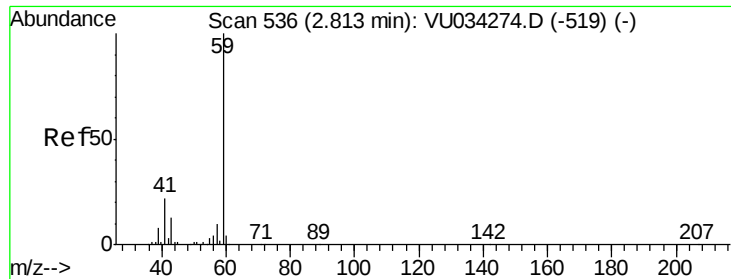


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

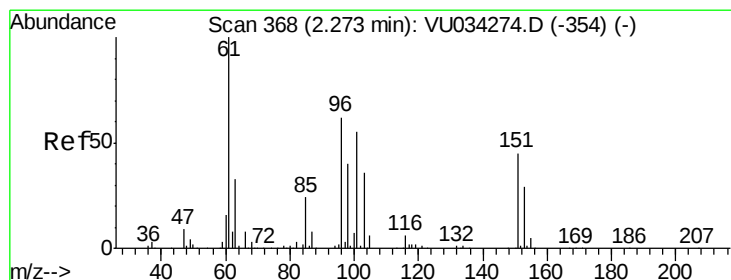
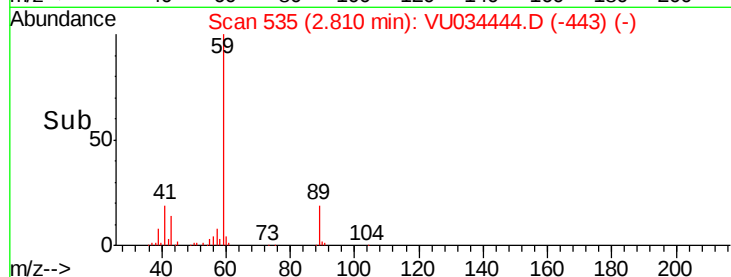
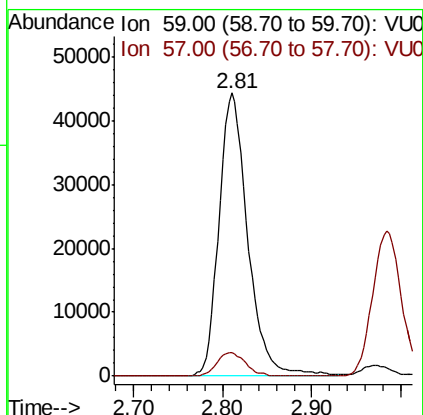
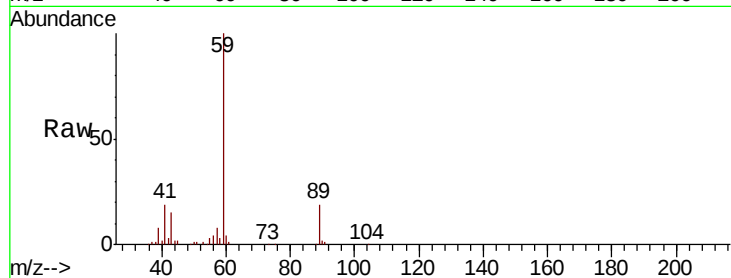




#11
Tert butyl alcohol
Concen: 119.249 ug/l
RT: 2.81 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

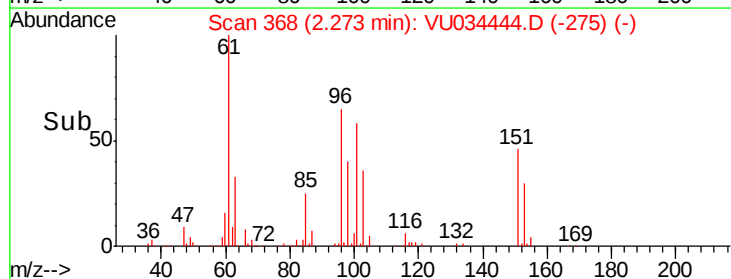
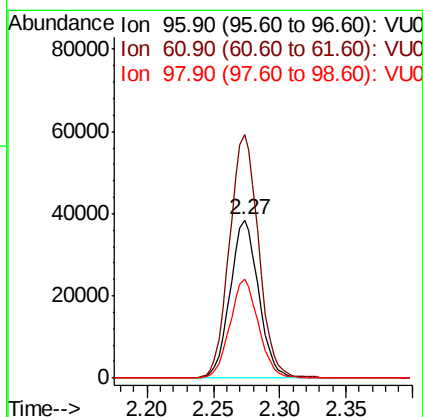
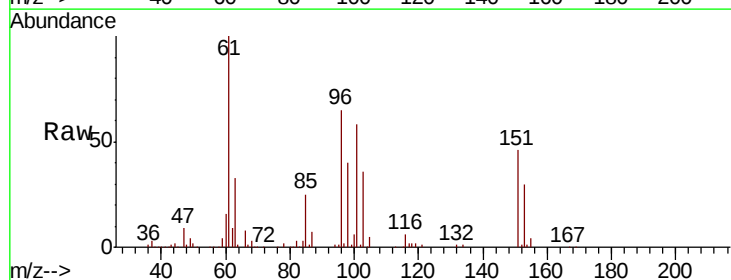
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBSD01

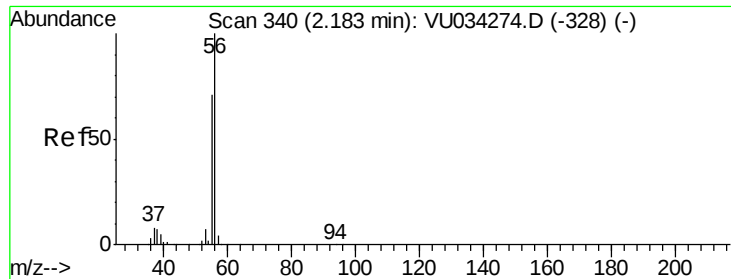
Tgt Ion: 59 Resp: 99056
Ion Ratio Lower Upper
59 100
57 8.3 7.9 11.9



#12
1,1-Dichloroethene
Concen: 20.349 ug/l
RT: 2.27 min Scan# 368
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Tgt Ion: 96 Resp: 57536
Ion Ratio Lower Upper
96 100
61 154.2 130.0 195.0
98 62.3 52.2 78.4





#13

Acrolein

Concen: 72.463 ug/l

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

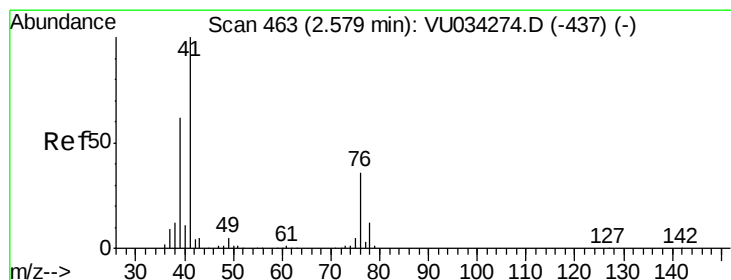
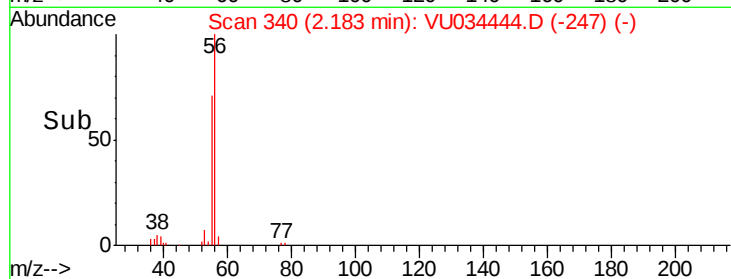
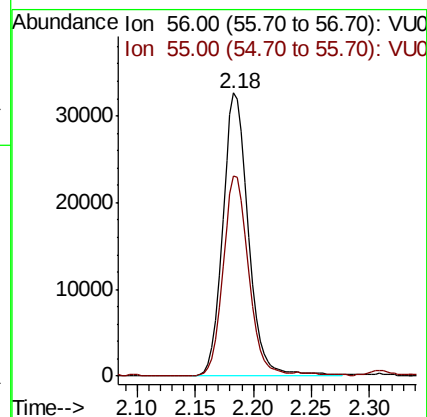
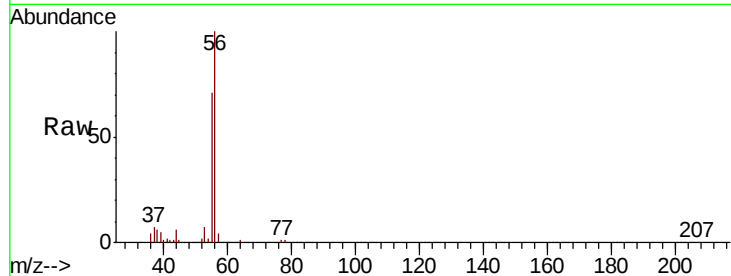
VU0910WBSD01

Tgt Ion: 56 Resp: 50591

Ion Ratio Lower Upper

56 100

55 70.1 57.4 86.2



#14

Allyl chloride

Concen: 17.723 ug/l

RT: 2.58 min Scan# 464

Delta R.T. 0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

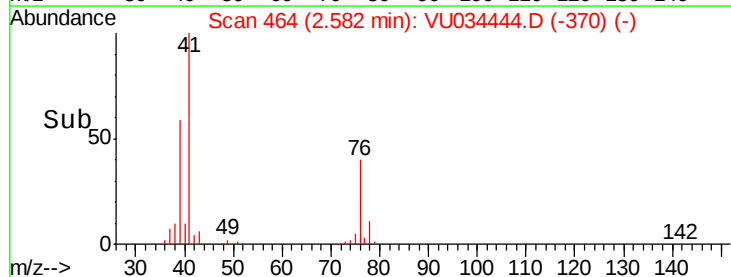
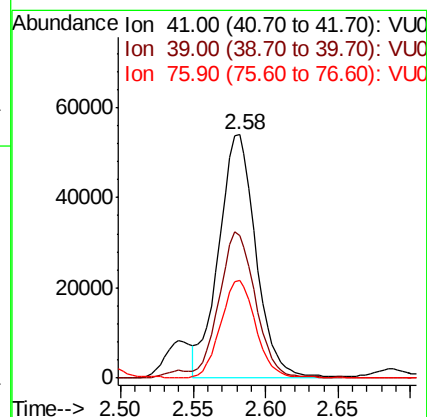
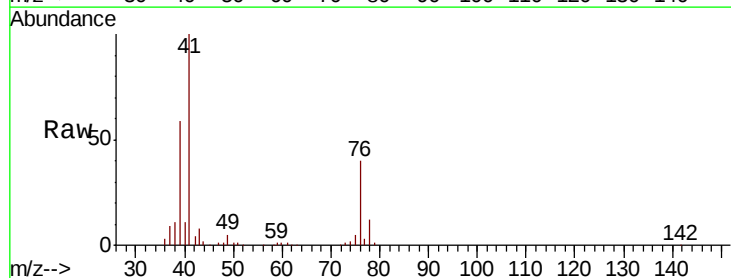
Tgt Ion: 41 Resp: 95798

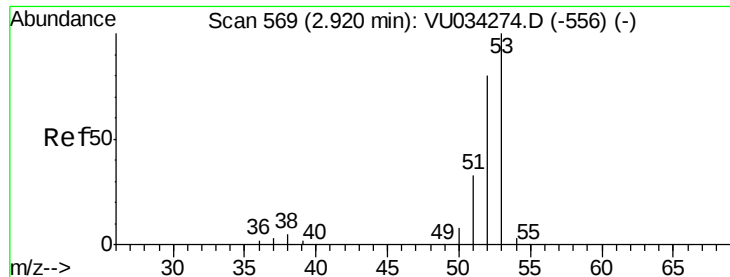
Ion Ratio Lower Upper

41 100

39 58.1 43.5 65.3

76 37.7 27.0 40.6





#15

Acrylonitrile

Concen: 107.876 ug/l

RT: 2.92 min Scan# 569

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBSD01

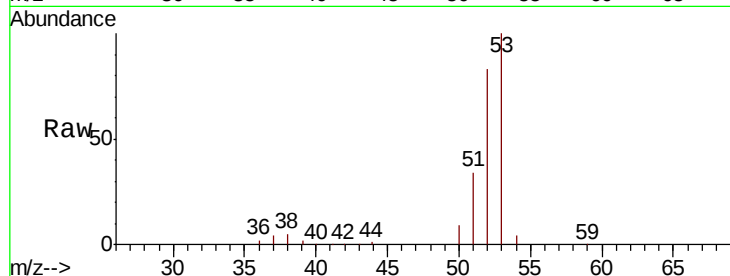
Tgt Ion: 53 Resp: 223148

Ion Ratio Lower Upper

53 100

52 80.1 64.1 96.1

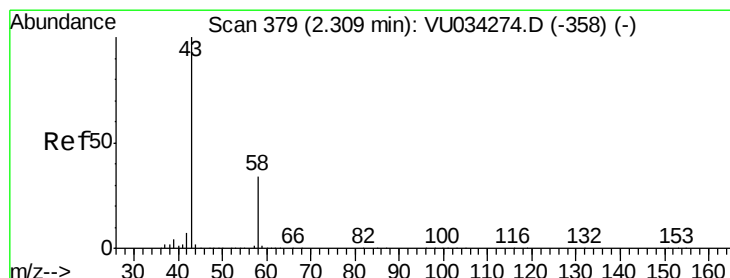
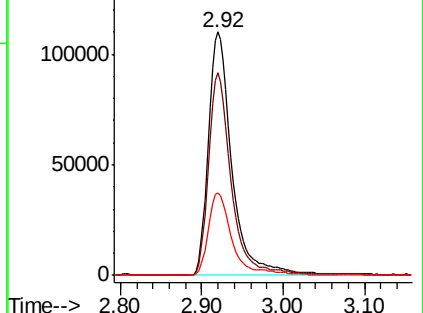
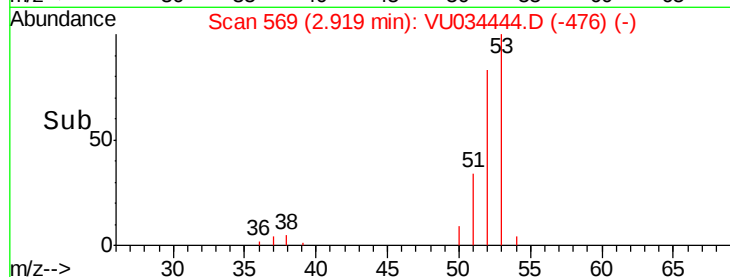
51 34.3 27.4 41.0



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 89.714 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034444.D

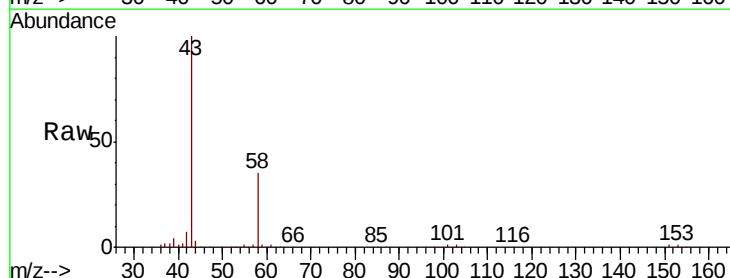
Acq: 10 Sep 2019 12:29

Tgt Ion: 43 Resp: 182545

Ion Ratio Lower Upper

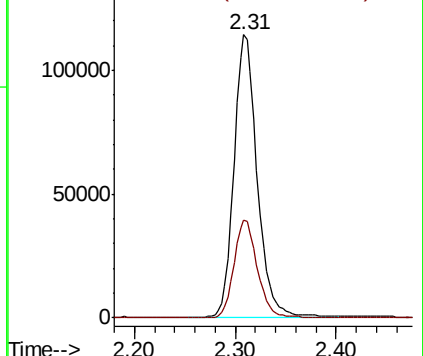
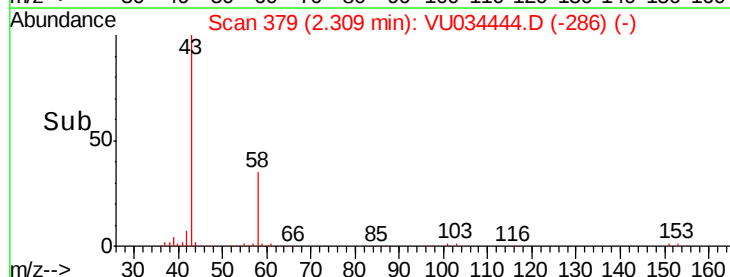
43 100

58 34.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

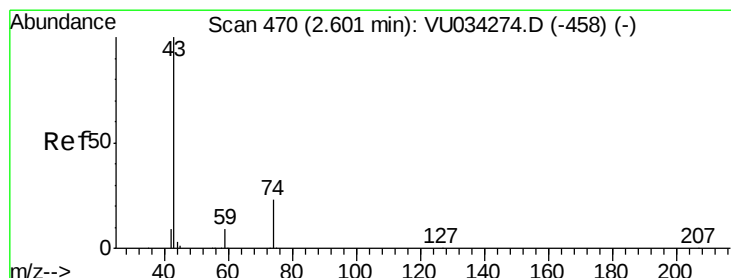
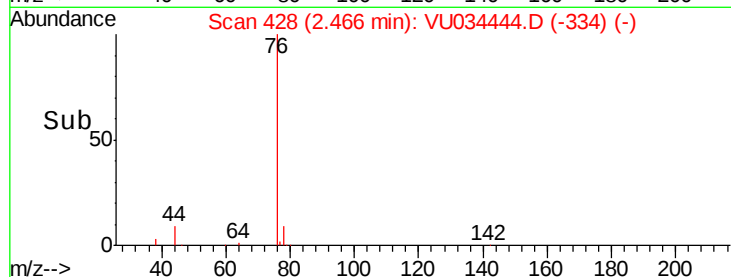
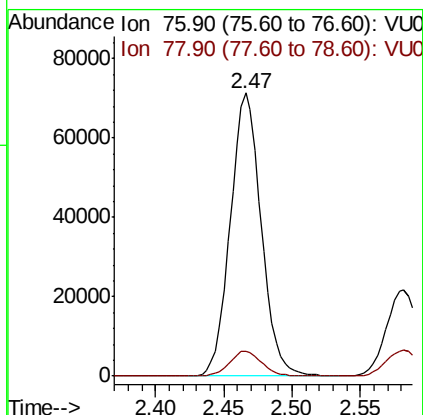
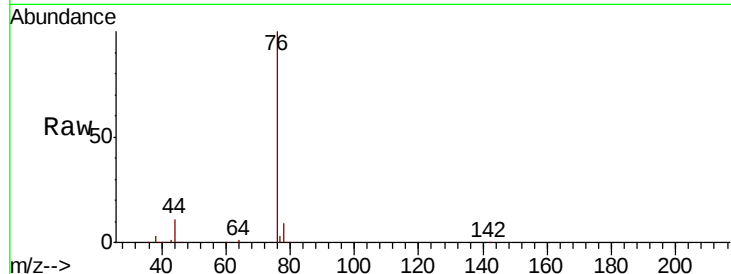




#17
Carbon Disulfide
Concen: 17.669 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

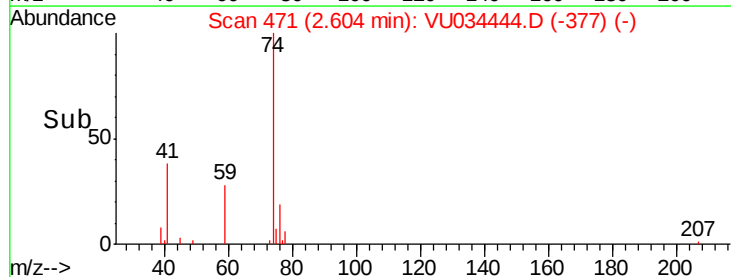
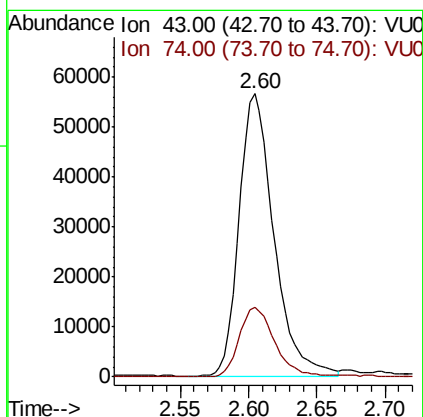
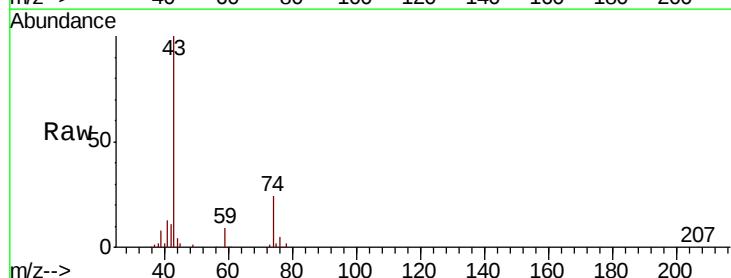
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBSD01

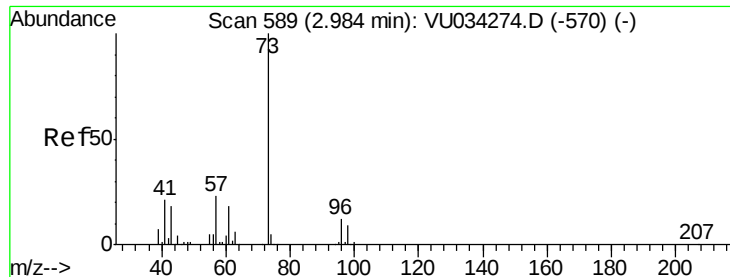
Tgt Ion: 76 Resp: 112279
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 20.278 ug/l
RT: 2.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Tgt Ion: 43 Resp: 100397
Ion Ratio Lower Upper
43 100
74 25.0 18.9 28.3

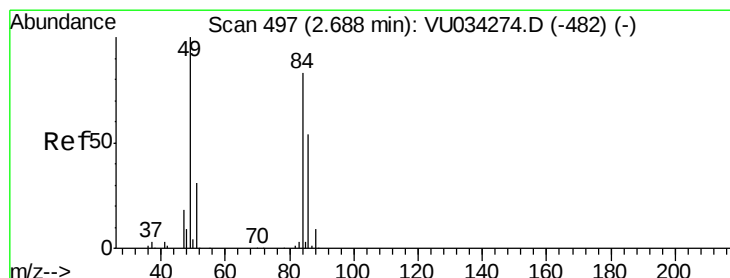
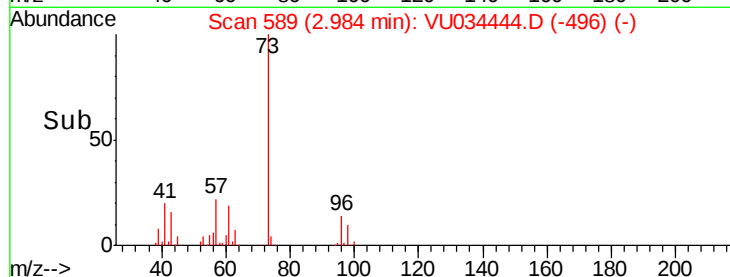
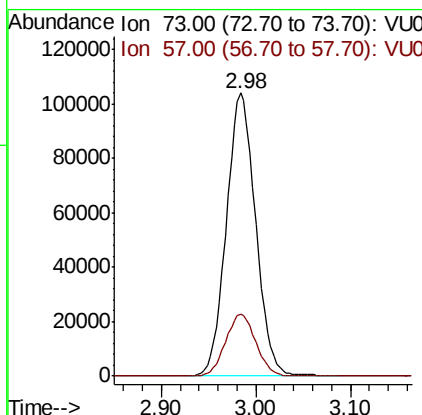
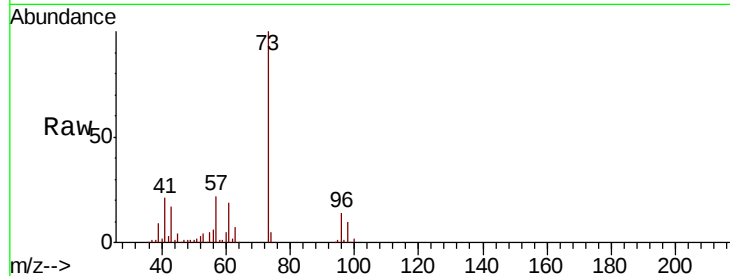




#19
Methyl tert-butyl Ether
Concen: 21.670 ug/l
RT: 2.98 min Scan# 589
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

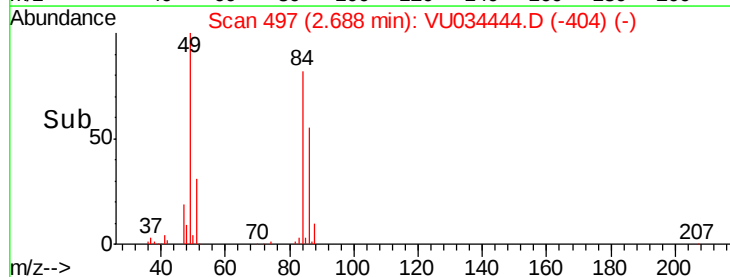
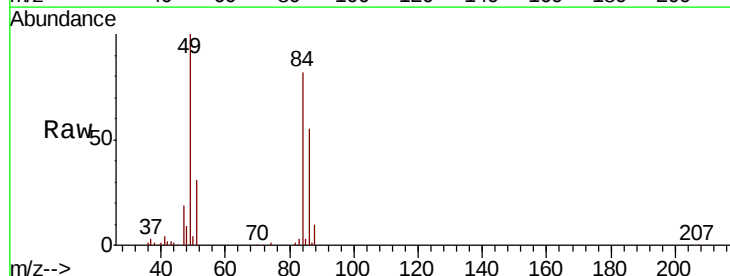
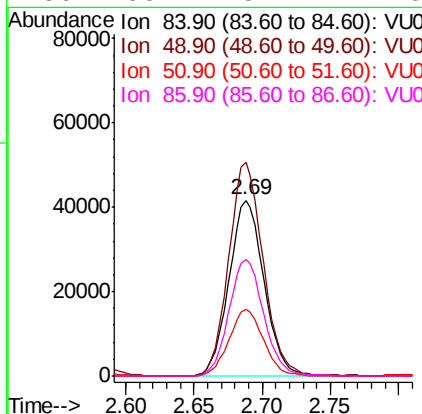
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBSD01

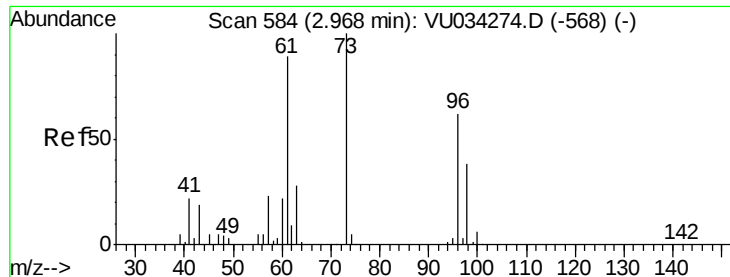
Tgt Ion: 73 Resp: 223327
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4



#20
Methylene Chloride
Concen: 22.068 ug/l
RT: 2.69 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Tgt Ion: 84 Resp: 74292
Ion Ratio Lower Upper
84 100
49 121.7 96.0 144.0
51 38.0 30.0 45.0
86 66.7 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 20.188 ug/l

RT: 2.97 min Scan# 584

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBSD01

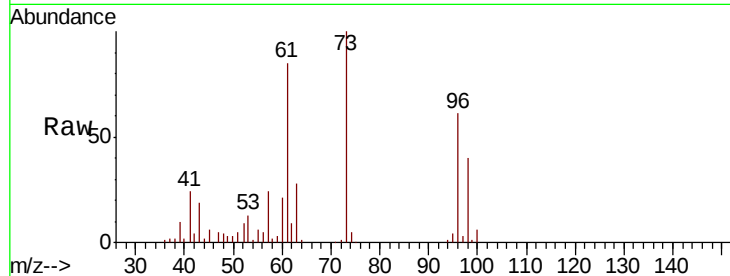
Tgt Ion: 96 Resp: 60151

Ion Ratio Lower Upper

96 100

61 138.7 114.8 172.2

98 65.1 49.8 74.8

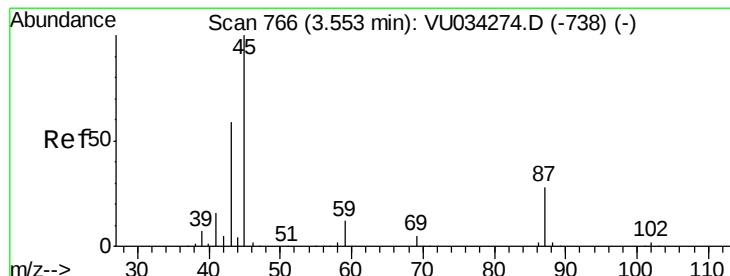
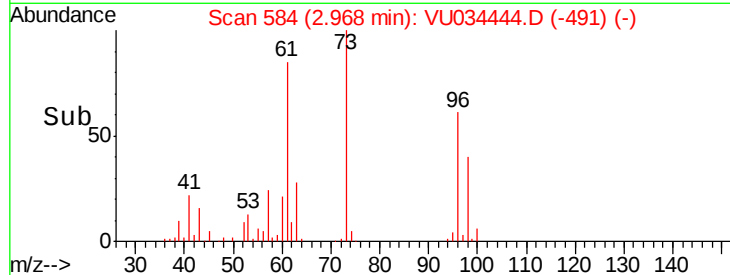
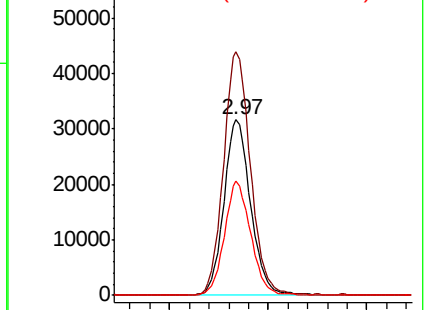


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 21.808 ug/l

RT: 3.55 min Scan# 766

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Tgt Ion: 45 Resp: 229882

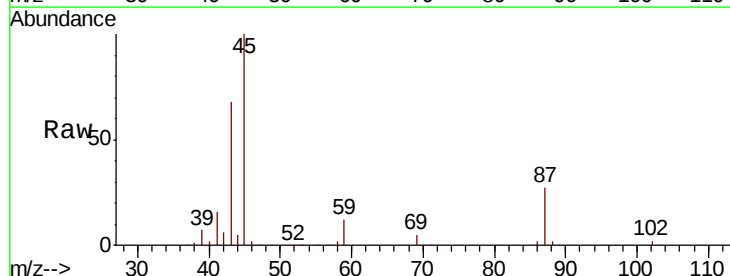
Ion Ratio Lower Upper

45 100

43 68.0 47.5 71.3

87 27.3 22.2 33.4

59 11.6 9.4 14.2



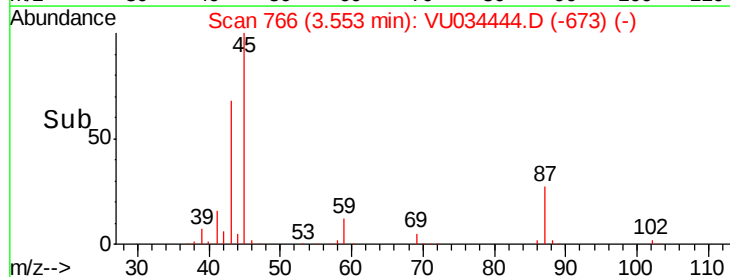
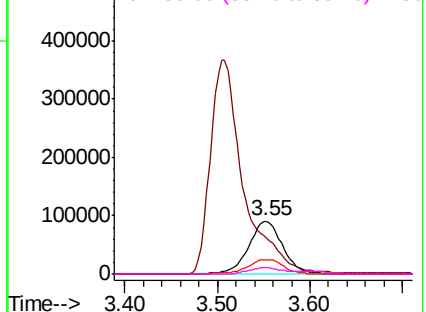
Abundance

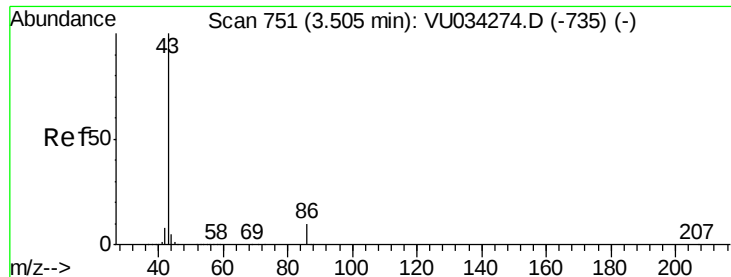
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 106.161 ug/l

RT: 3.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

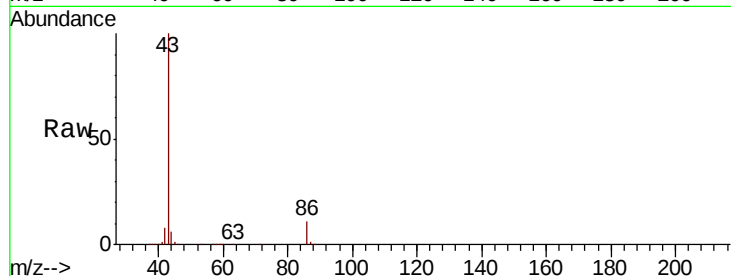
VU0910WBSD01

Tgt Ion: 43 Resp: 911564

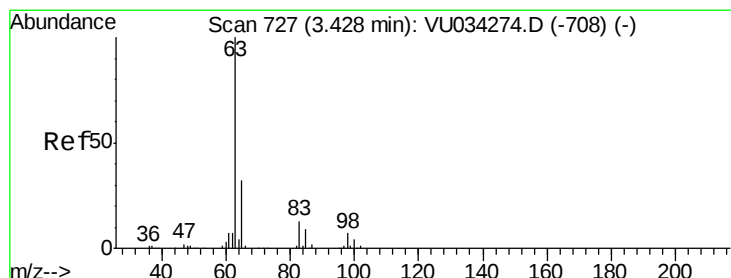
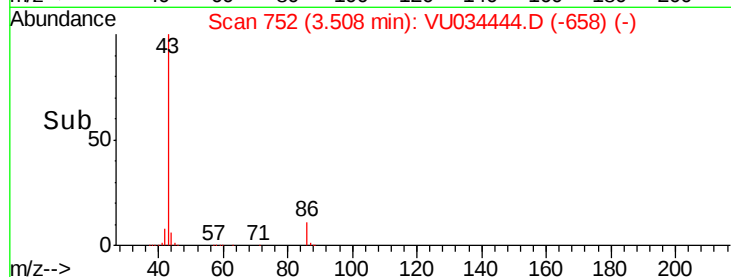
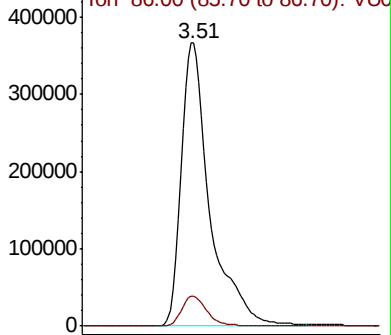
Ion Ratio Lower Upper

43 100

86 10.7 8.3 12.5



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



#24

1,1-Dichloroethane

Concen: 20.936 ug/l

RT: 3.43 min Scan# 727

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

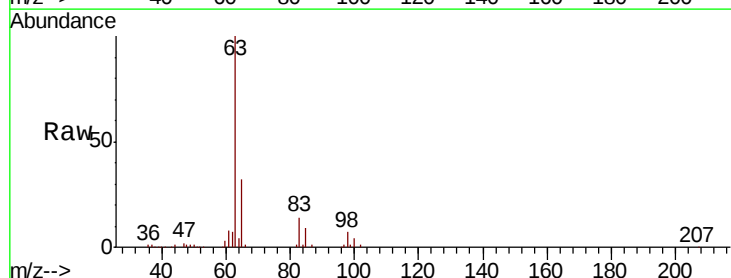
Tgt Ion: 63 Resp: 131795

Ion Ratio Lower Upper

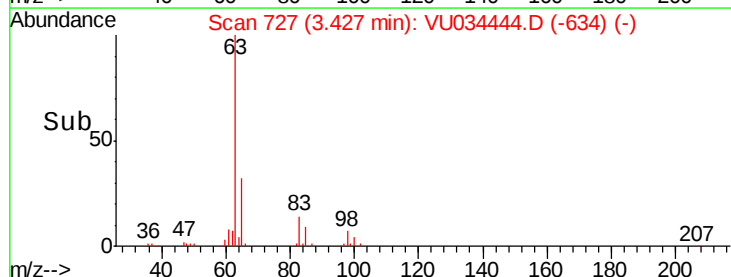
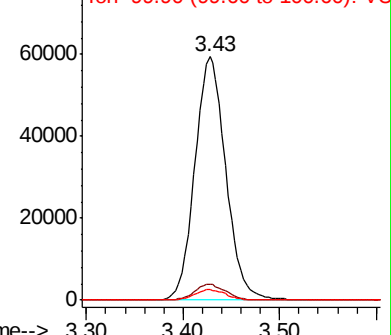
63 100

98 6.6 3.5 10.4

100 4.3 2.1 6.5



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





#25

2-Butanone

Concen: 103.154 ug/l

RT: 4.24 min Scan# 980

Delta R.T. 0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

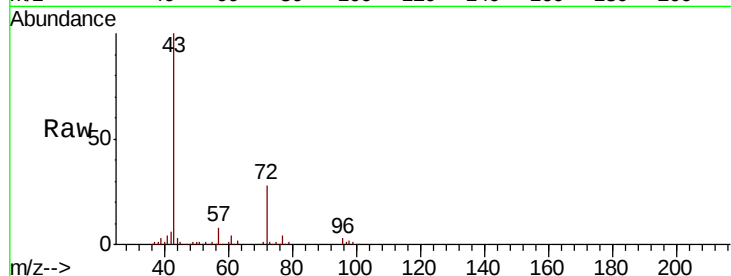
VU0910WBSD01

Tgt Ion: 43 Resp: 280178

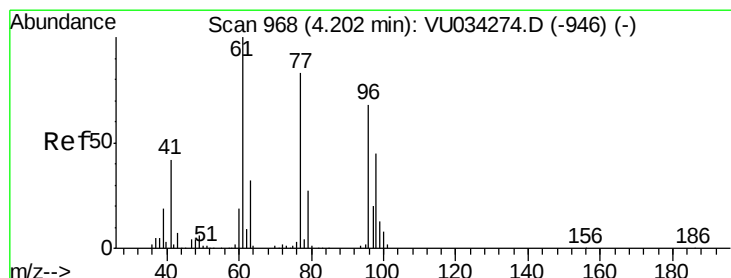
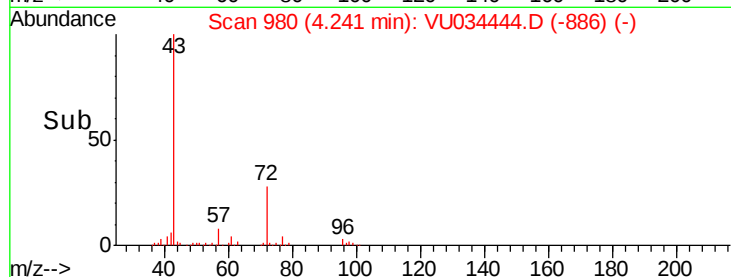
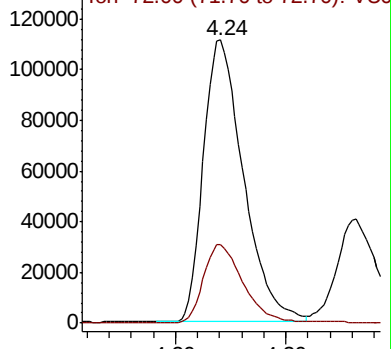
Ion Ratio Lower Upper

43 100

72 27.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034444.D (-961) (-)



#26

2,2-Dichloropropane

Concen: 19.950 ug/l

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

Lab File: VU034444.D

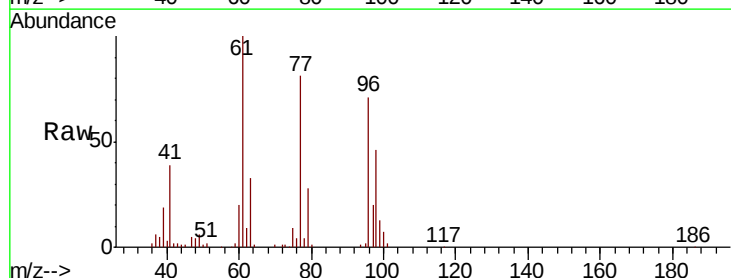
Acq: 10 Sep 2019 12:29

Tgt Ion: 77 Resp: 101008

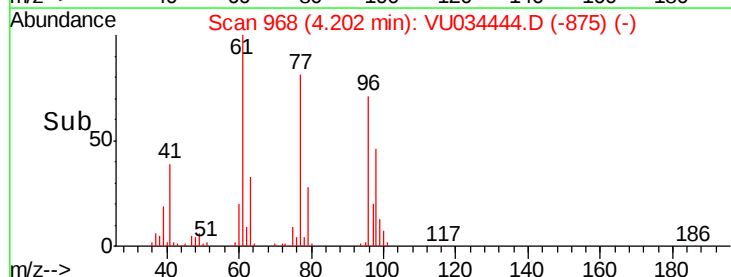
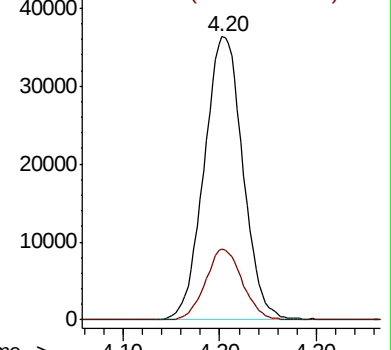
Ion Ratio Lower Upper

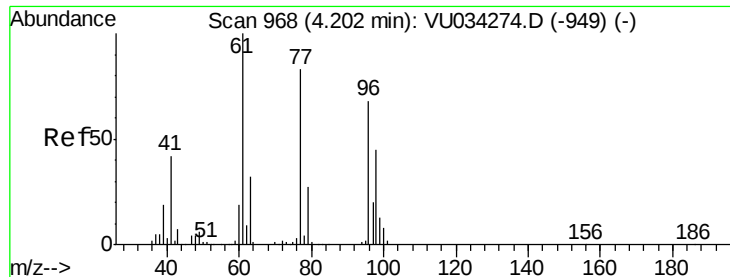
77 100

97 23.8 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034444.D (-946) (-)



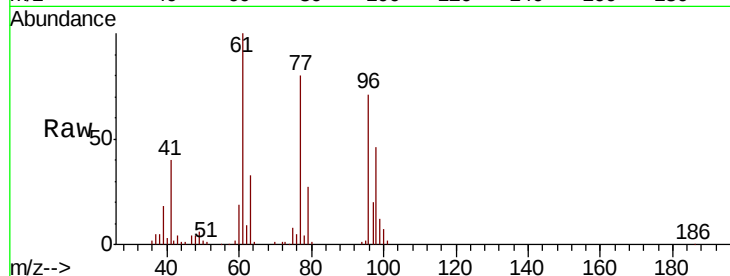


#27

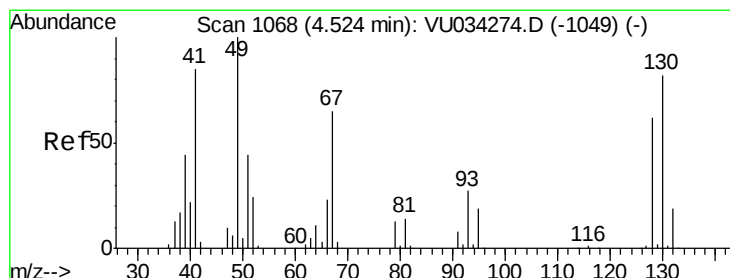
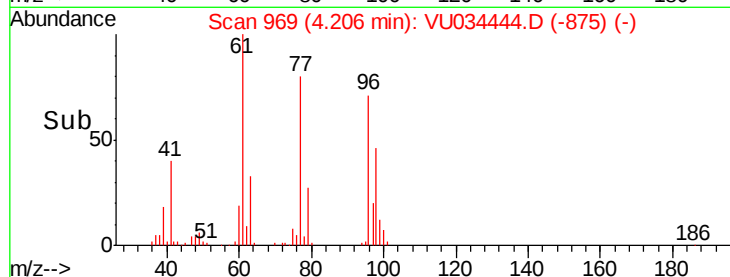
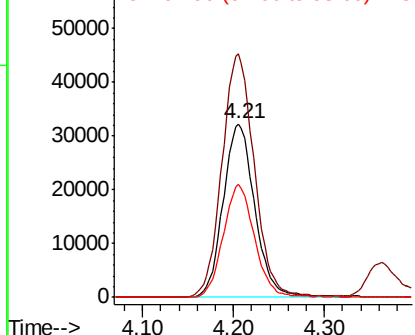
cis-1,2-Dichloroethene
 Concen: 21.543 ug/l
 RT: 4.21 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

Tgt Ion: 96 Resp: 77957
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 297.4
 98 64.0 0.0 130.0



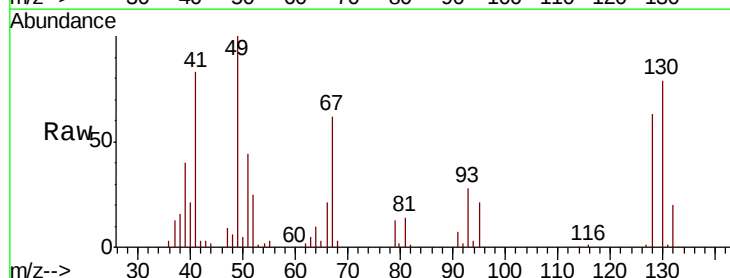
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



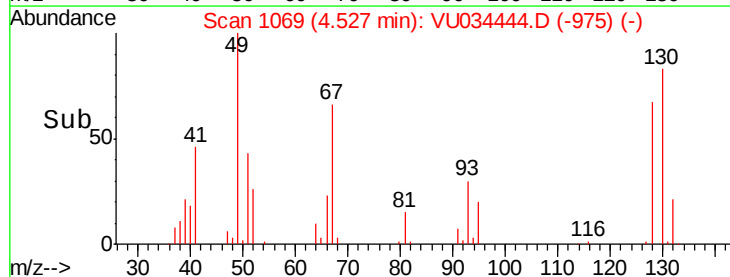
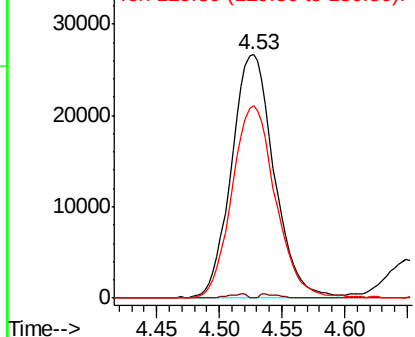
#28

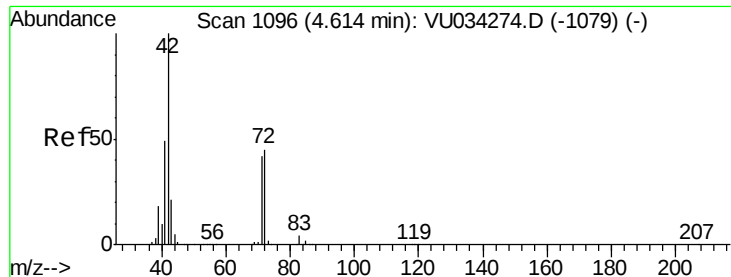
Bromochloromethane
 Concen: 21.761 ug/l
 RT: 4.53 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion: 49 Resp: 63010
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.8
 130 80.8 65.2 97.8



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

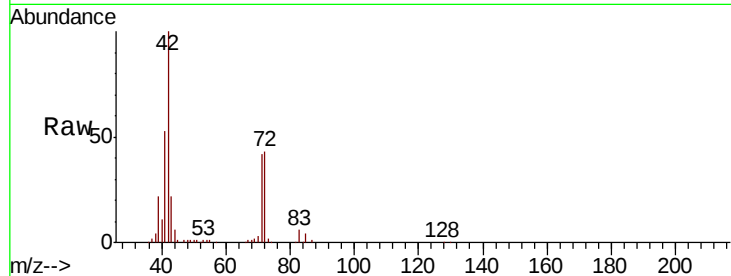




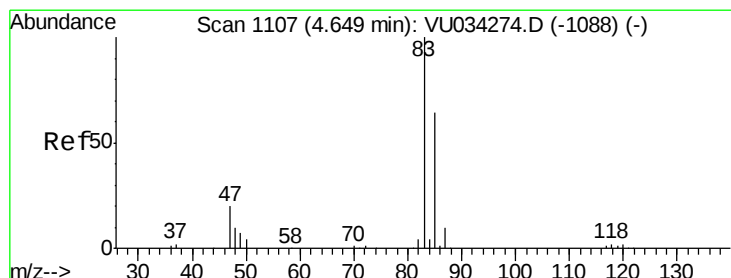
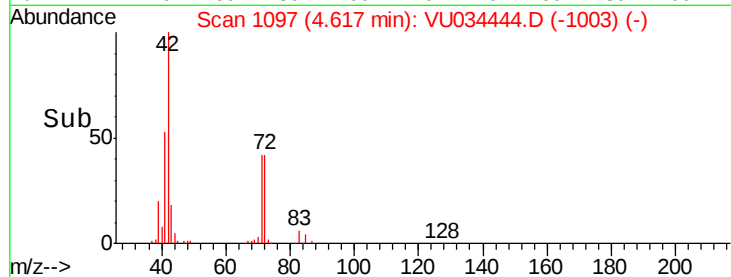
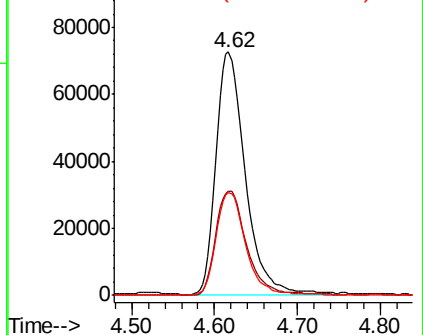
#29
Tetrahydrofuran
Concen: 107.936 ug/l
RT: 4.62 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0910WBSD01

Tgt Ion: 42 Resp: 178393
Ion Ratio Lower Upper
42 100
72 44.6 36.6 54.8
71 42.4 34.3 51.5

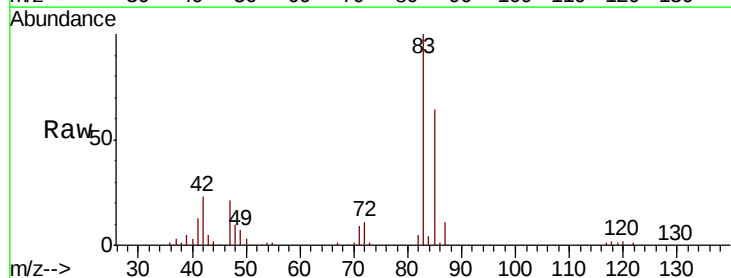


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

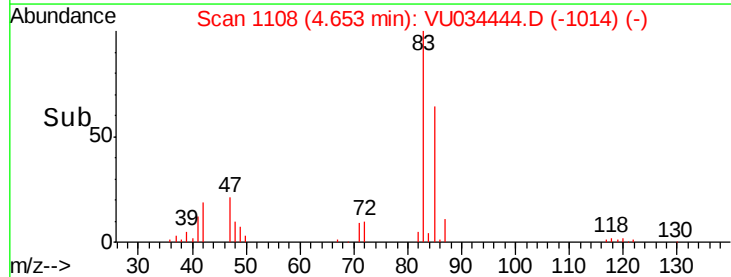
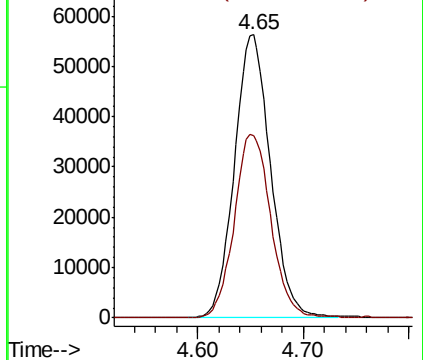


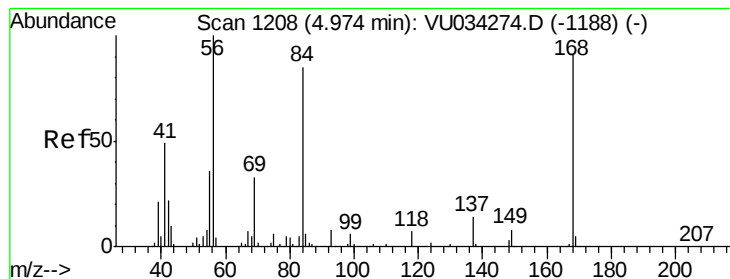
#30
Chloroform
Concen: 20.892 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Tgt Ion: 83 Resp: 133688
Ion Ratio Lower Upper
83 100
85 64.1 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 19.647 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBSD01

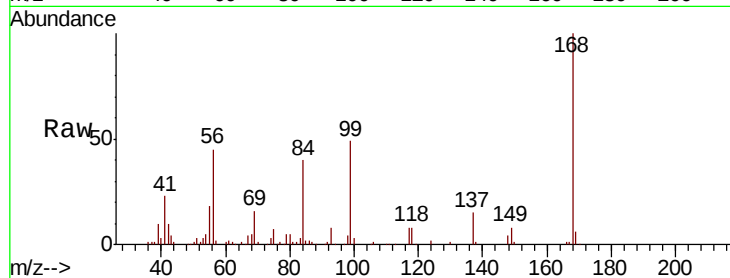
Tgt Ion: 56 Resp: 90482

Ion Ratio Lower Upper

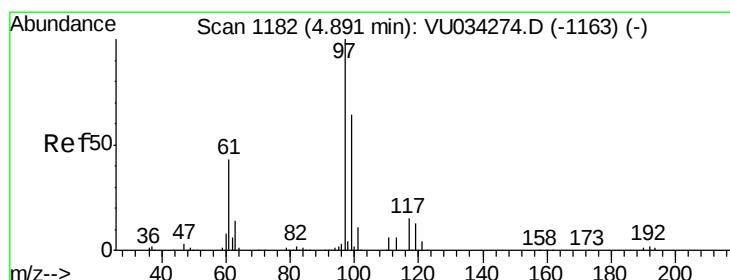
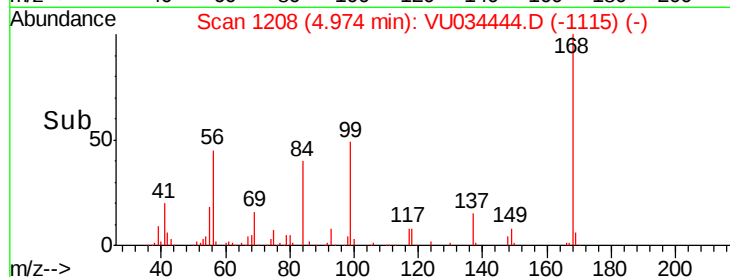
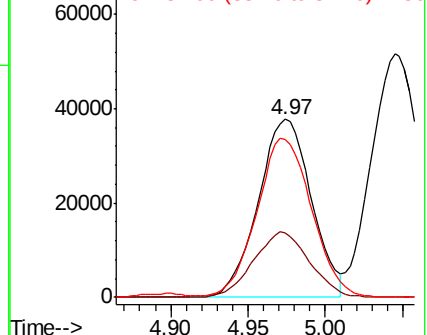
56 100

69 36.3 26.7 40.1

84 88.1 68.2 102.4



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



#32

1,1,1-Trichloroethane

Concen: 21.782 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

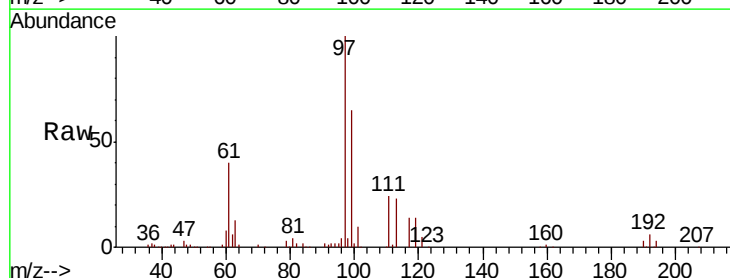
Tgt Ion: 97 Resp: 111438

Ion Ratio Lower Upper

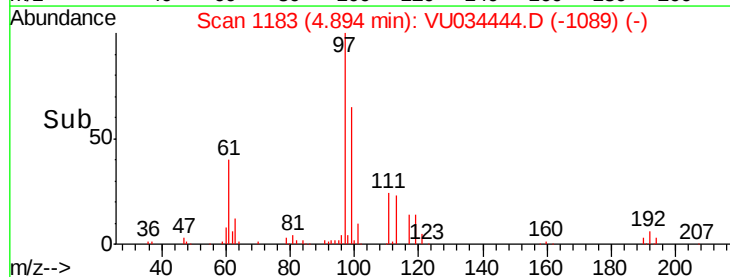
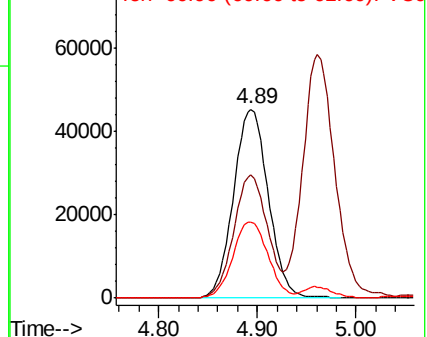
97 100

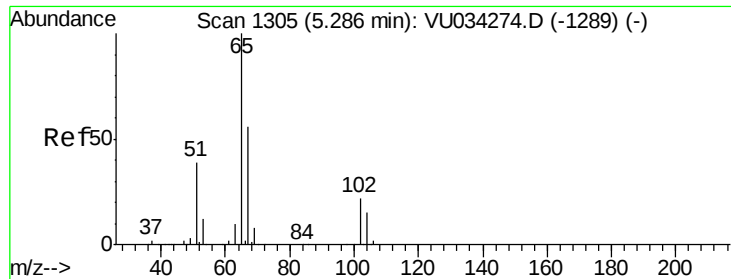
99 63.5 50.9 76.3

61 41.1 34.7 52.1



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

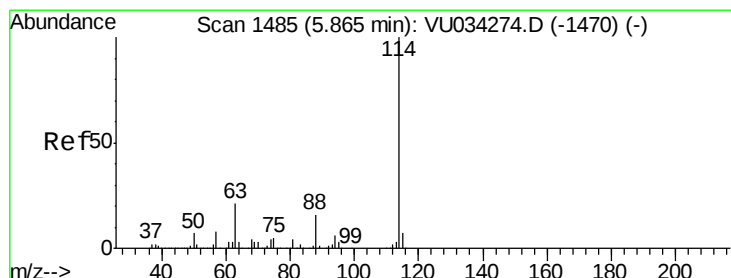
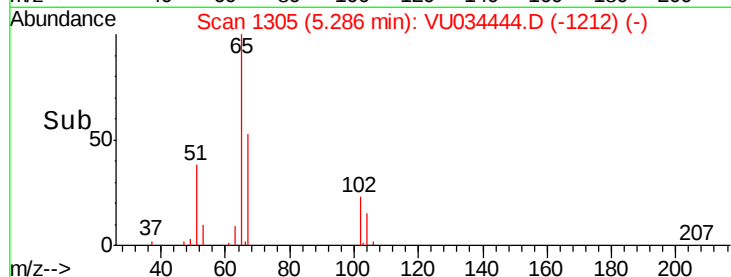
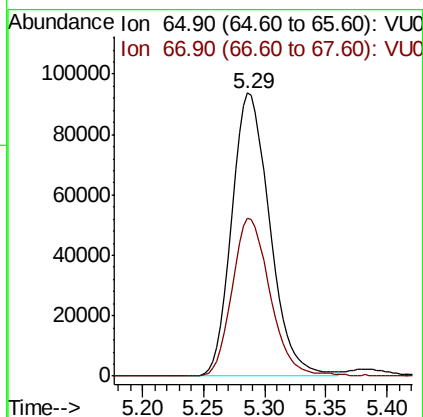
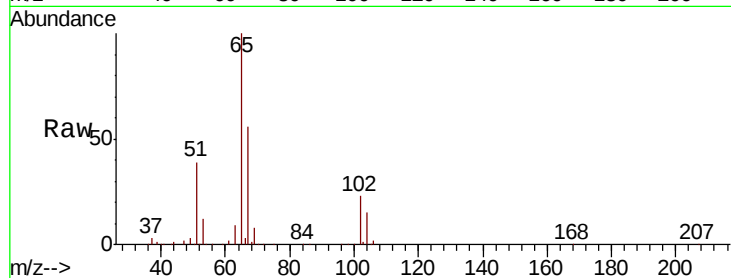




#33
 1,2-Dichloroethane-d4
 Concen: 51.672 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

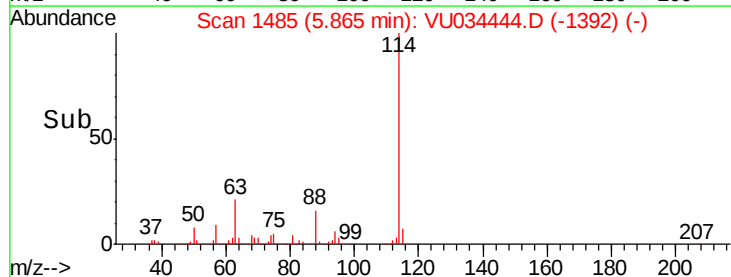
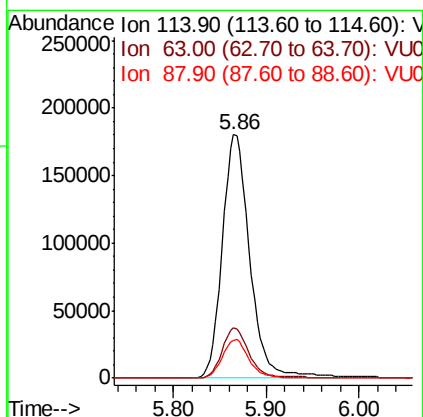
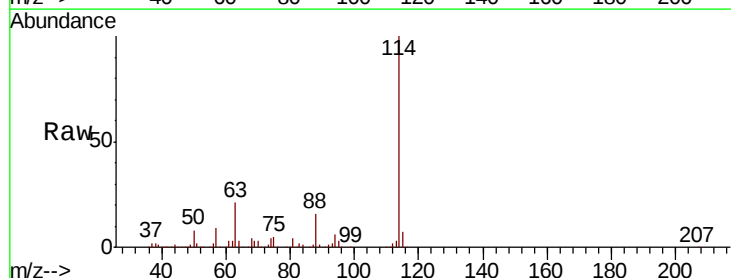
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

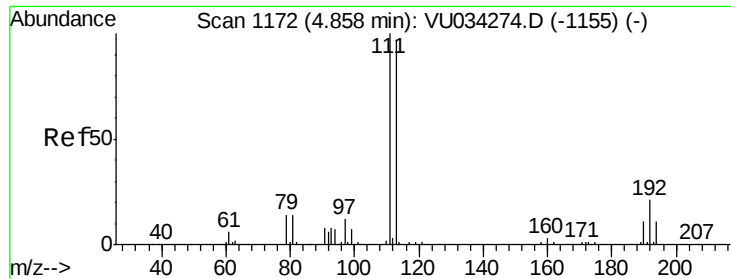
Tgt Ion: 65 Resp: 203170
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion: 114 Resp: 370753
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 15.6 0.0 32.4

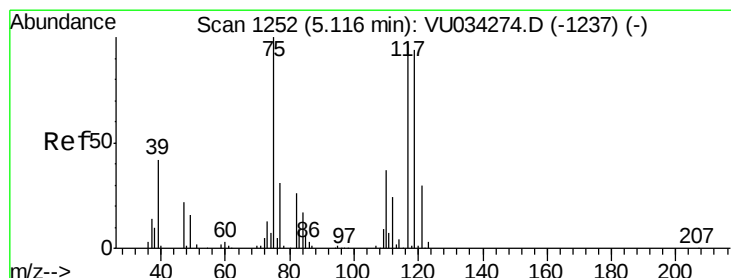
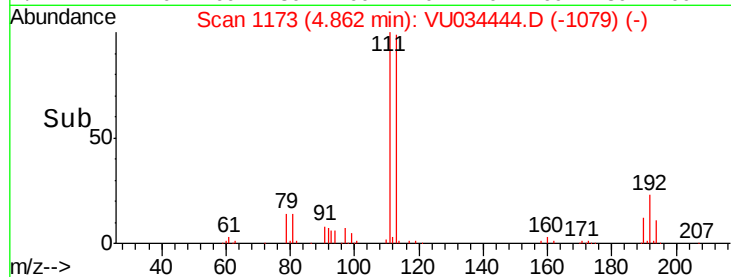
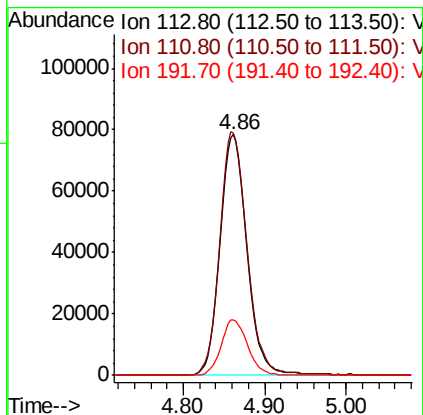
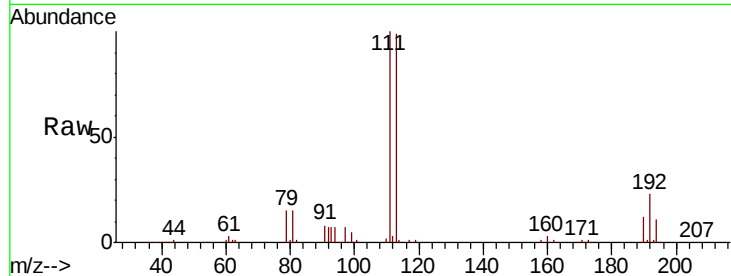




#35
 Dibromofluoromethane
 Concen: 53.149 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

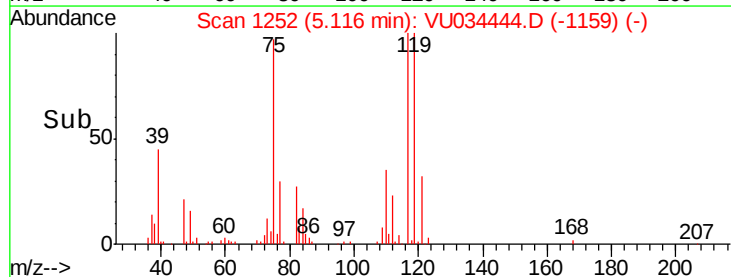
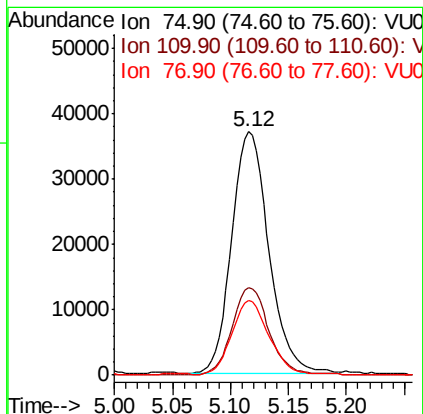
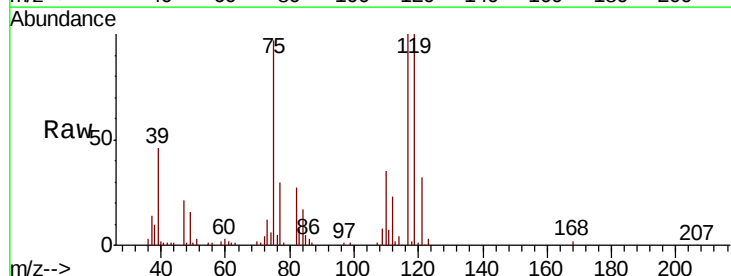
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

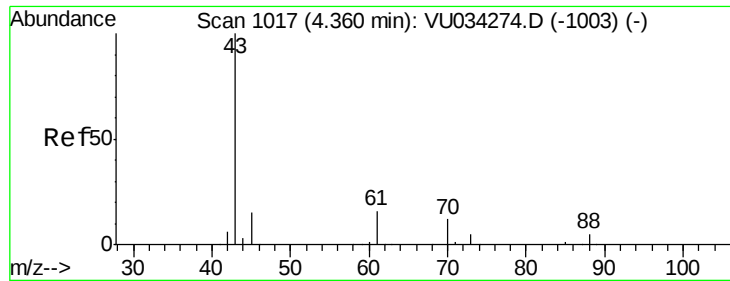
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.5	122.3
192	22.6	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 20.342 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.3	54.9
77	31.7	24.9	37.3

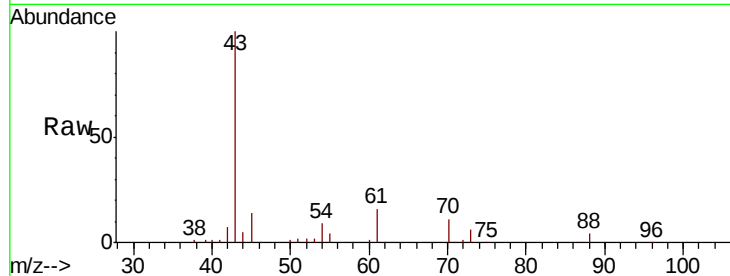




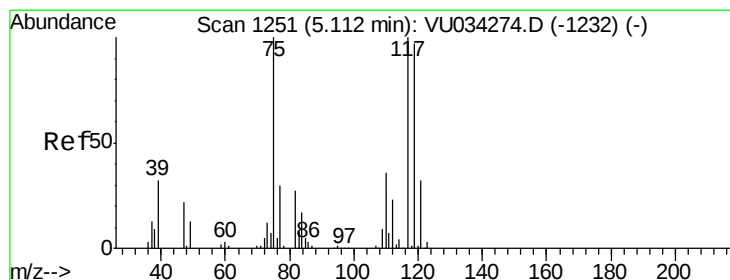
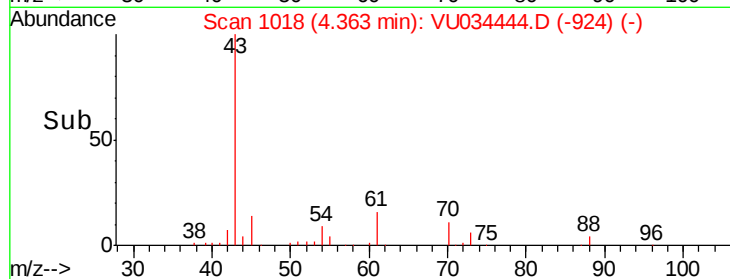
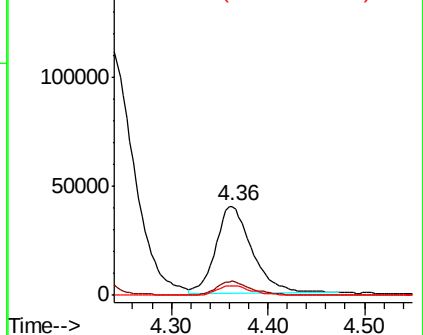
#37
 Ethyl Acetate
 Concen: 21.821 ug/l
 RT: 4.36 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

Tgt Ion: 43 Resp: 103737
 Ion Ratio Lower Upper
 43 100
 61 14.9 12.3 18.5
 70 10.8 9.1 13.7

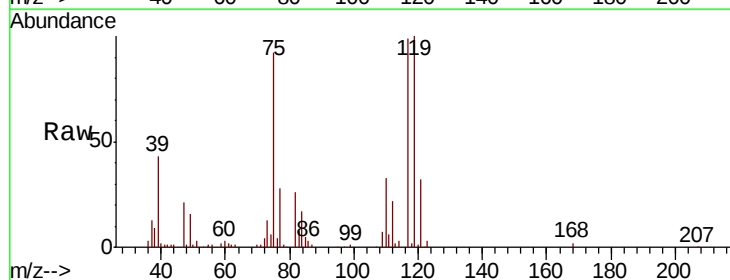


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

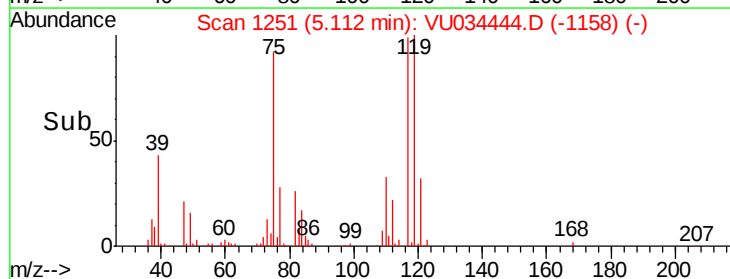
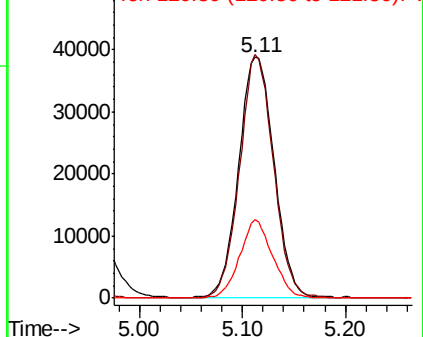


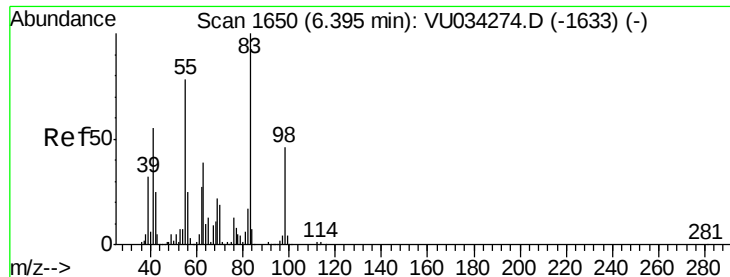
#38
 Carbon Tetrachloride
 Concen: 21.489 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion: 117 Resp: 92255
 Ion Ratio Lower Upper
 117 100
 119 101.5 77.8 116.6
 121 32.7 25.2 37.8



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

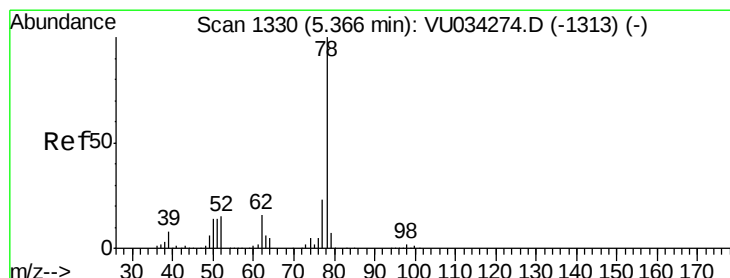
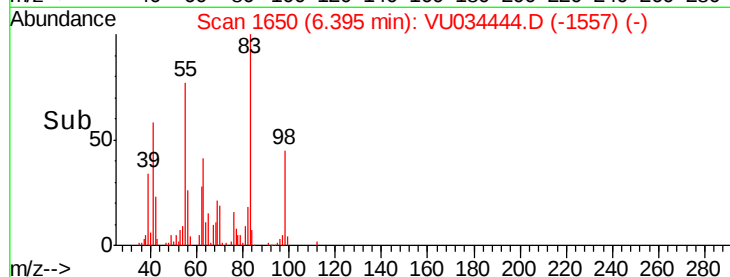
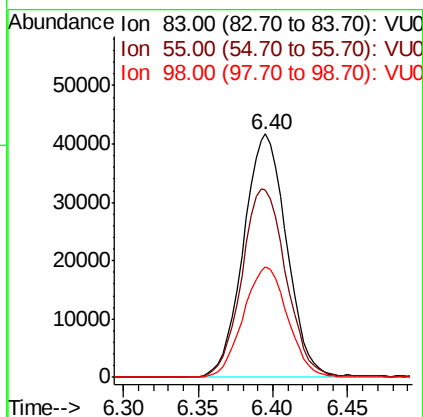
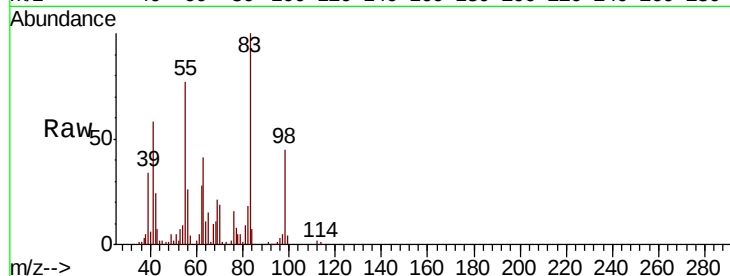




#39
Methylcyclohexane
Concen: 19.464 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

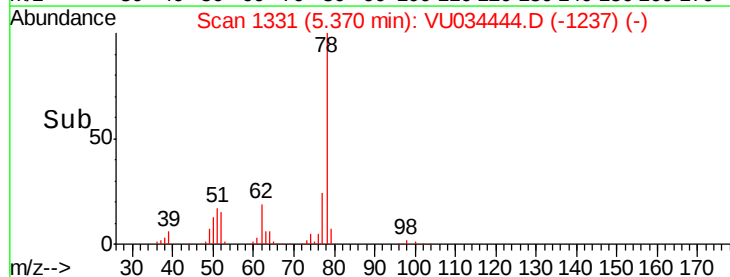
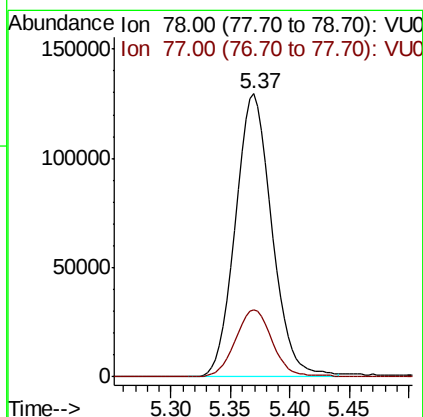
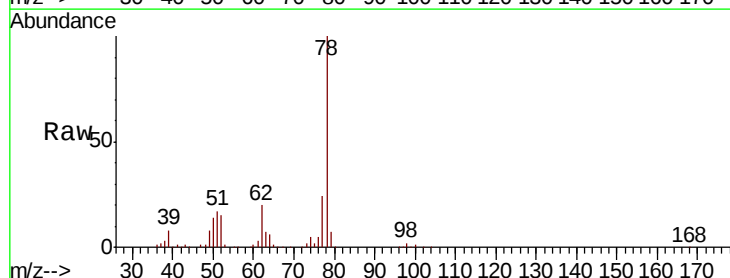
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBSD01

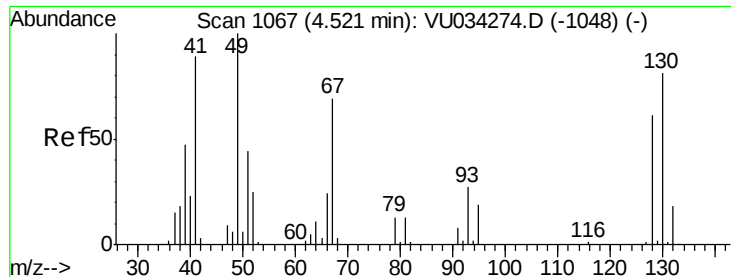
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.7	62.1	93.1
98	45.4	37.0	55.6



#40
Benzene
Concen: 21.308 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.7	28.1





#41

Methacrylonitrile

Concen: 22.037 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBSD01

Tgt Ion: 41 Resp: 55802

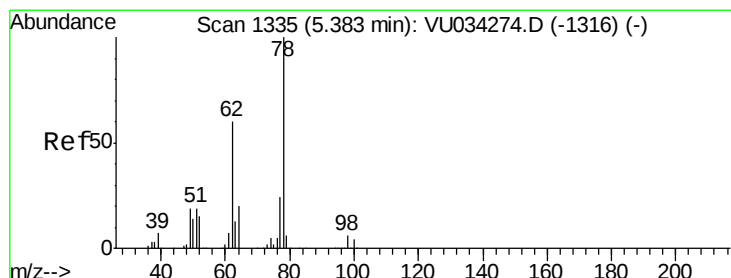
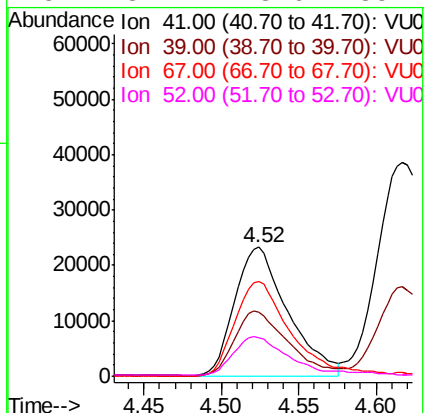
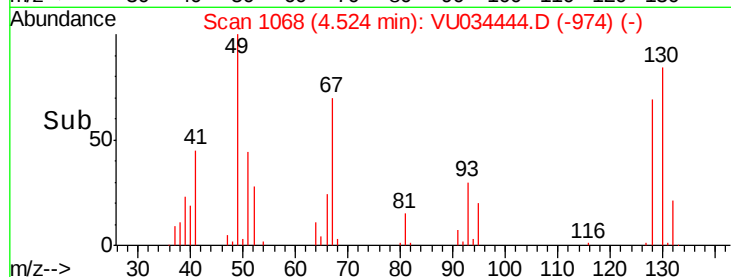
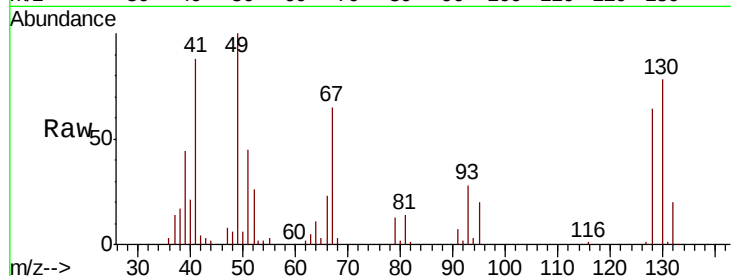
Ion Ratio Lower Upper

41 100

39 51.6 41.0 61.4

67 77.4 62.4 93.6

52 31.4 23.6 35.4



#42

1,2-Dichloroethane

Concen: 22.014 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU034444.D

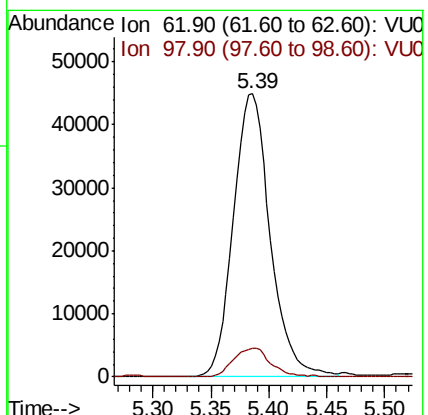
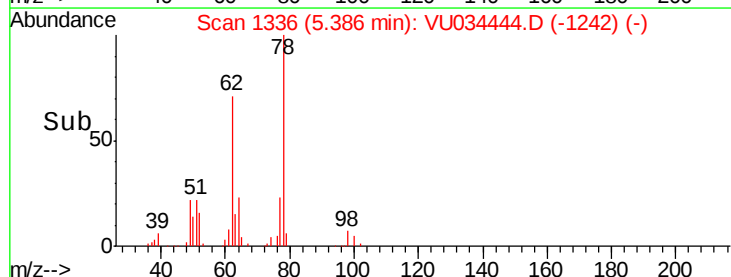
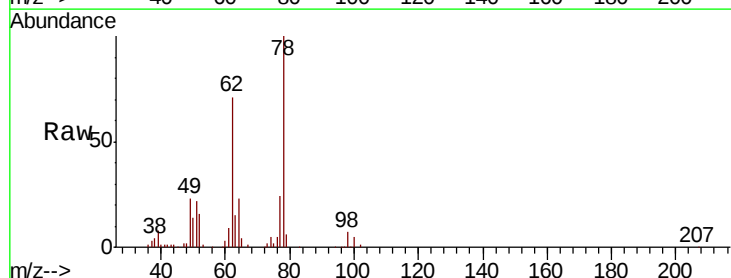
Acq: 10 Sep 2019 12:29

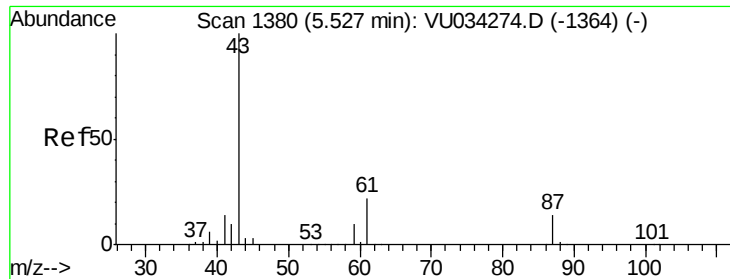
Tgt Ion: 62 Resp: 99162

Ion Ratio Lower Upper

62 100

98 10.4 0.0 20.0

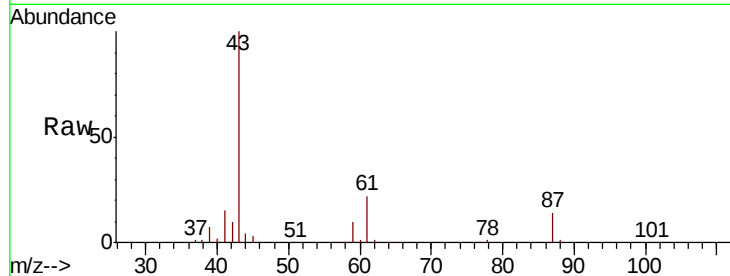




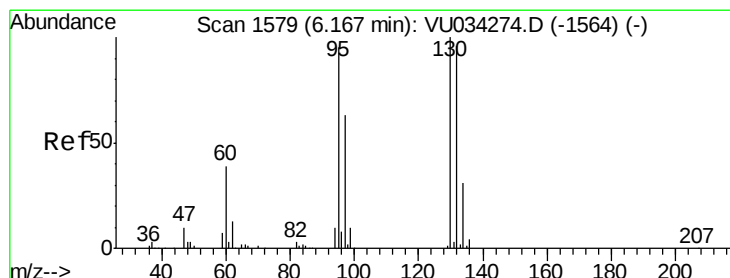
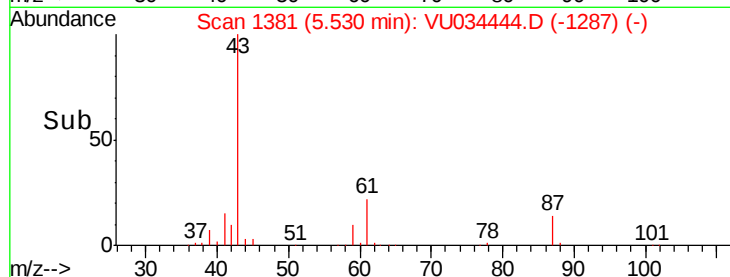
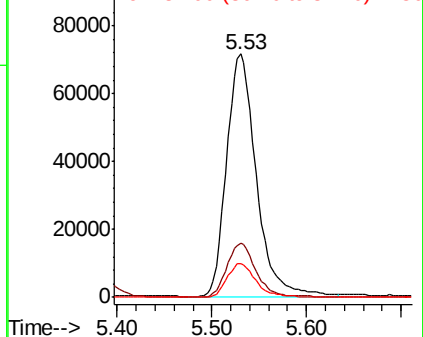
#43
Isopropyl Acetate
Concen: 21.052 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0910WBSD01

Tgt Ion: 43 Resp: 156121
Ion Ratio Lower Upper
43 100
61 22.2 17.1 25.7
87 13.8 11.1 16.7

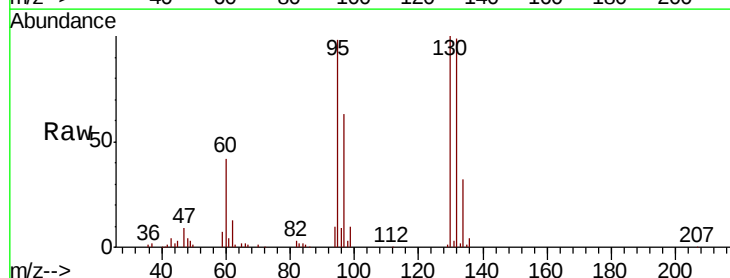


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

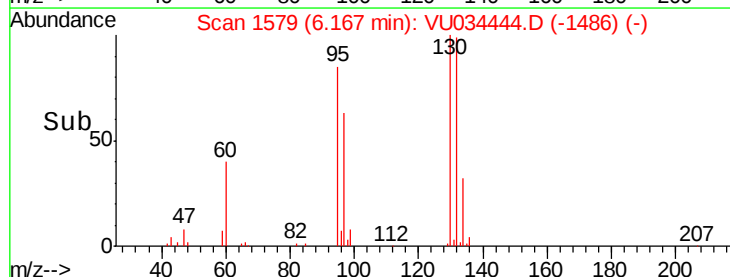
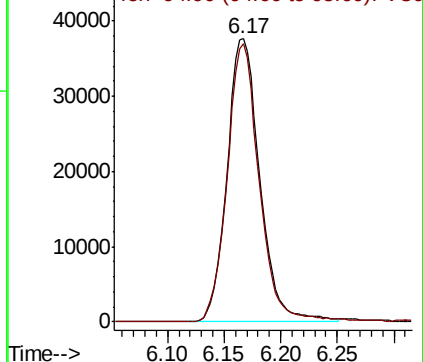


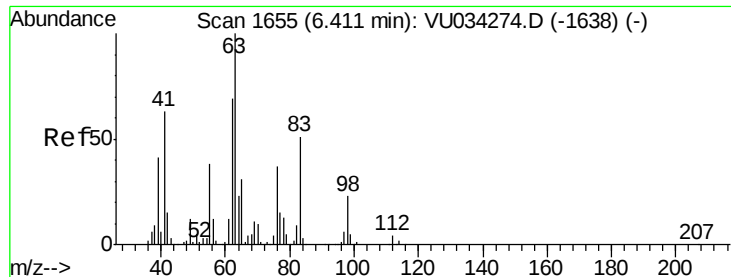
#44
Trichloroethene
Concen: 21.201 ug/l
RT: 6.17 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Tgt Ion: 130 Resp: 76118
Ion Ratio Lower Upper
130 100
95 98.5 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

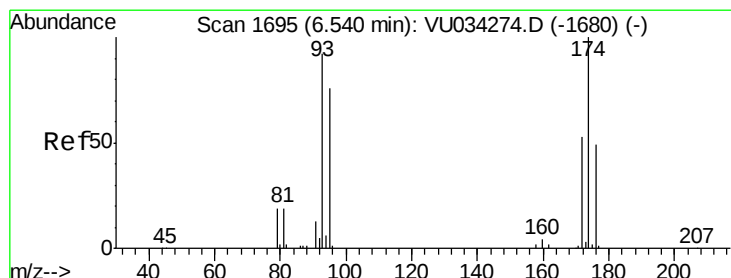
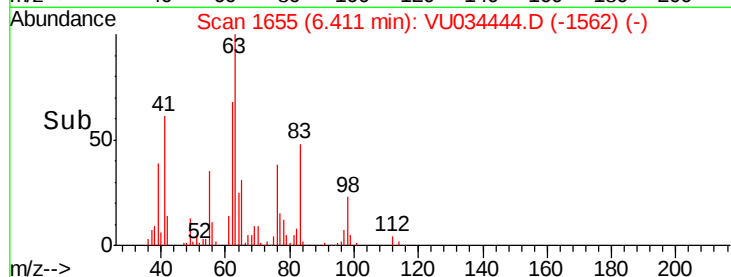
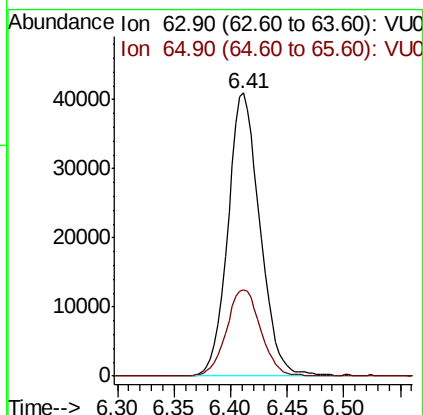
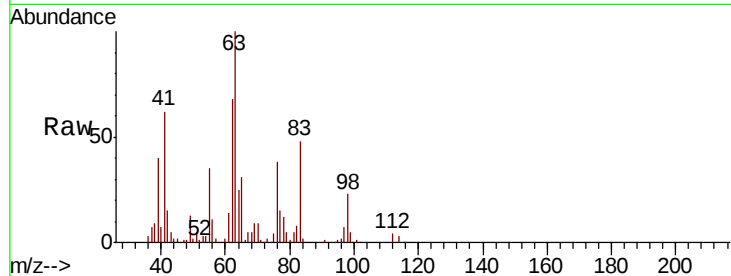




#45
 1,2-Dichloropropane
 Concen: 21.255 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

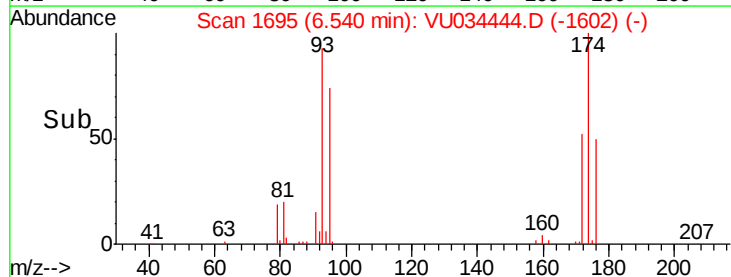
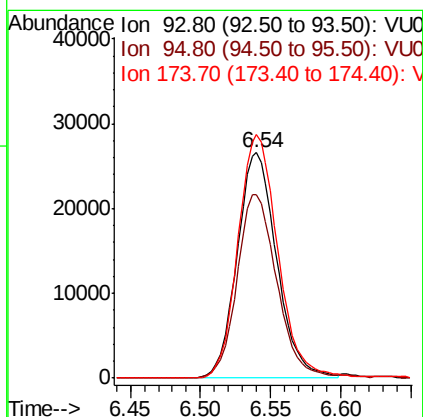
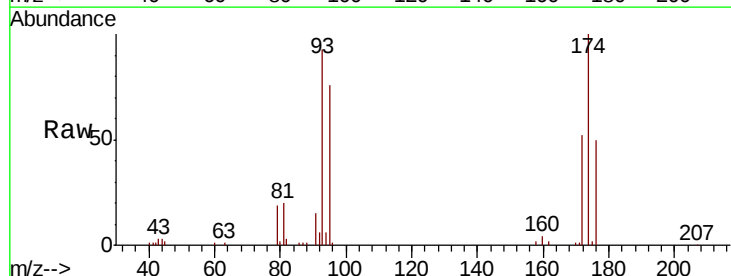
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

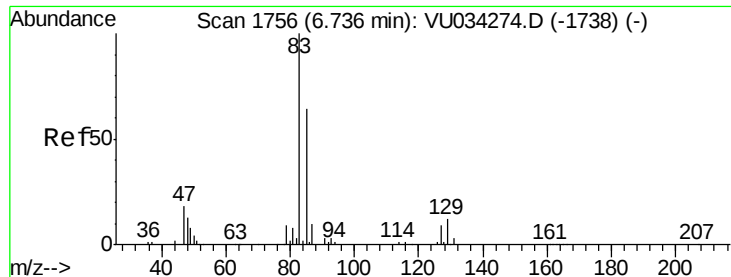
Tgt Ion: 63 Resp: 80619
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 37.0



#46
 Dibromomethane
 Concen: 21.986 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion: 93 Resp: 52346
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.5 99.7
 174 108.7 87.8 131.6





#47

Bromodichloromethane

Concen: 21.854 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBSD01

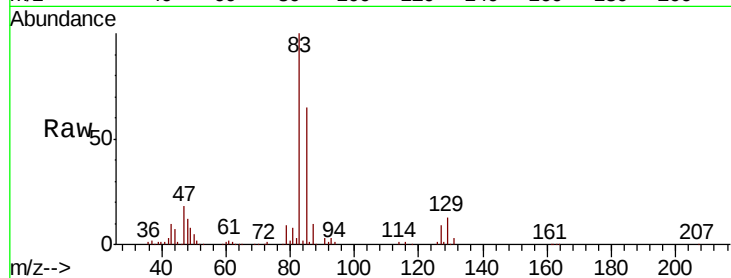
Tgt Ion: 83 Resp: 107103

Ion Ratio Lower Upper

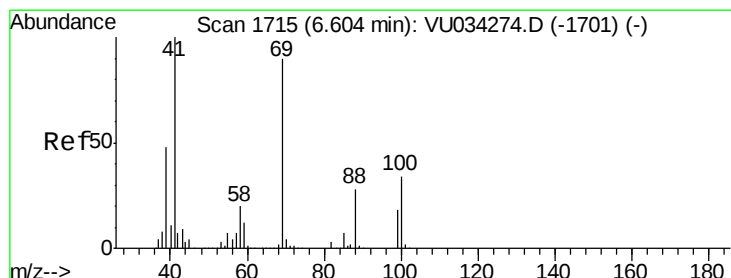
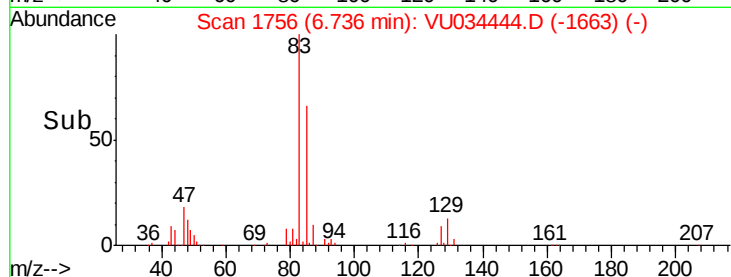
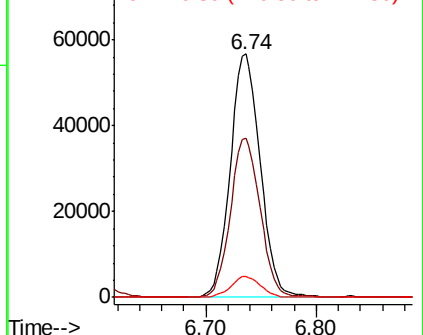
83 100

85 65.4 51.1 76.7

127 8.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.215 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

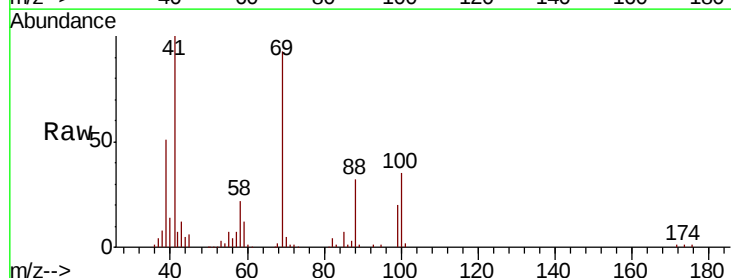
Tgt Ion: 41 Resp: 71204

Ion Ratio Lower Upper

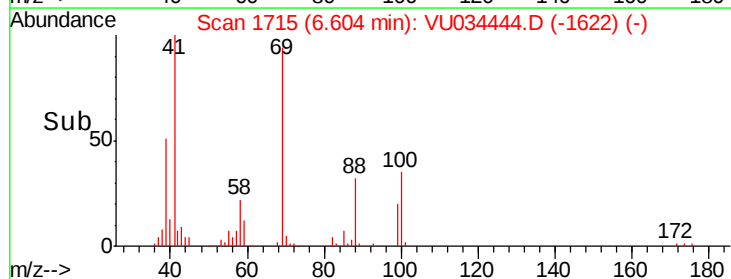
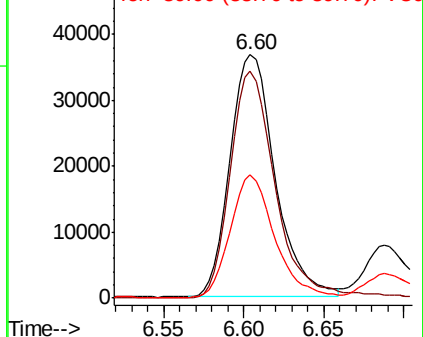
41 100

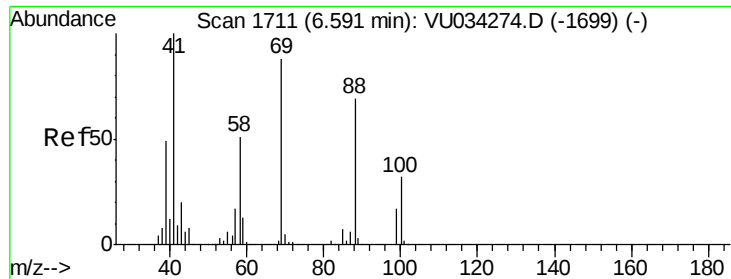
69 94.0 72.8 109.2

39 49.9 38.6 58.0



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

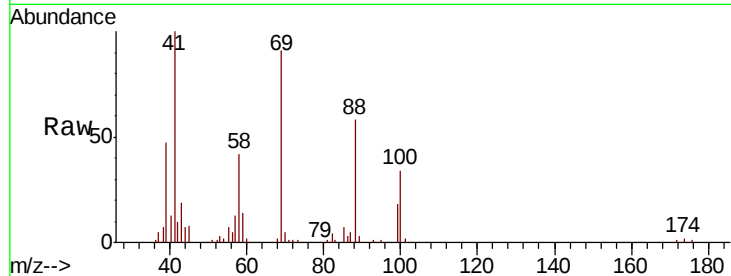




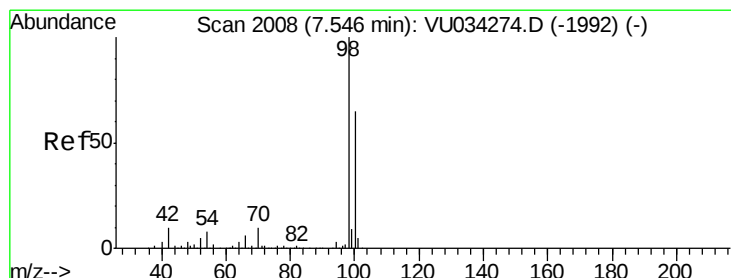
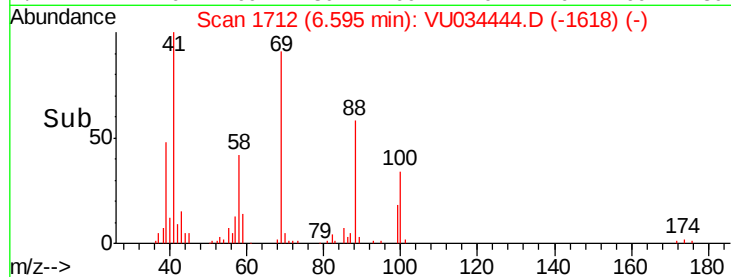
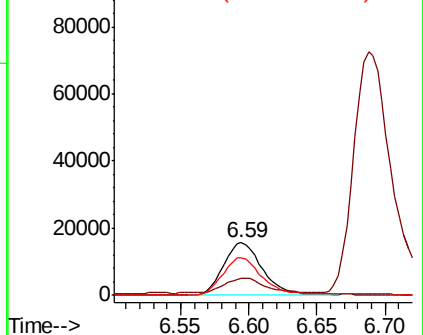
#49
 1,4-Dioxane
 Concen: 402.975 ug/l
 RT: 6.59 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

Tgt Ion: 88 Resp: 30995
 Ion Ratio Lower Upper
 88 100
 43 27.4 23.8 35.6
 58 72.4 58.4 87.6

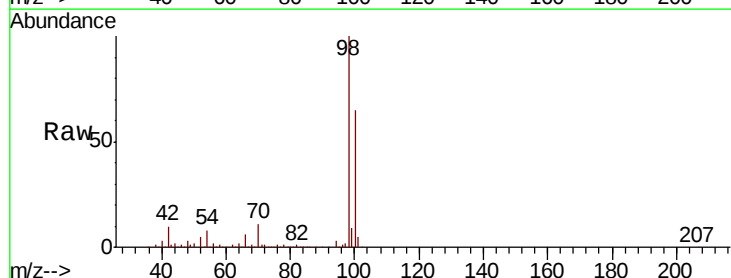


Abundance Ion 88.00 (87.70 to 88.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

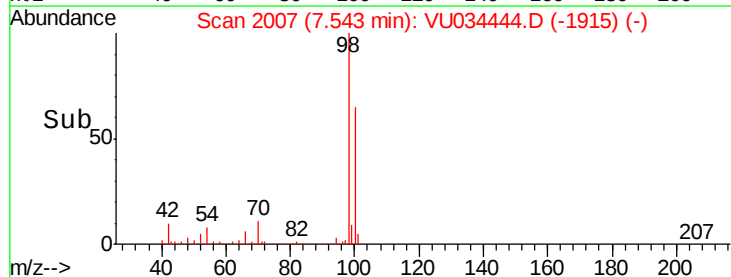
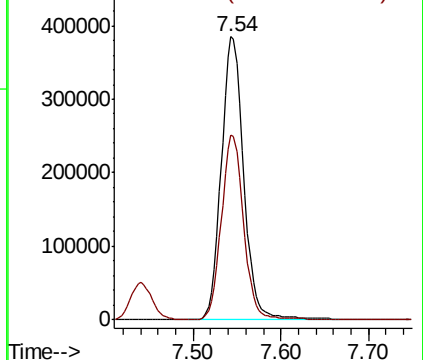


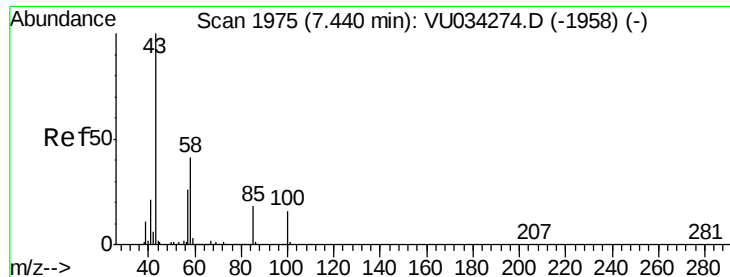
#50
 Toluene-d8
 Concen: 52.847 ug/l
 RT: 7.54 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion: 98 Resp: 684968
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

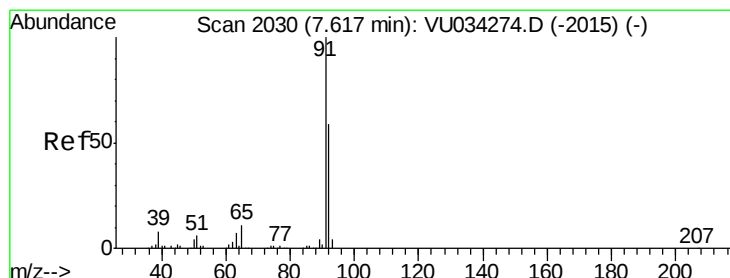
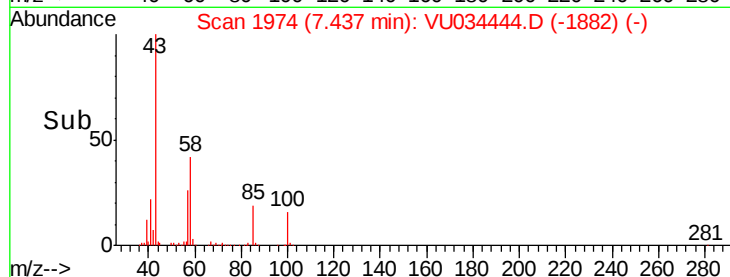
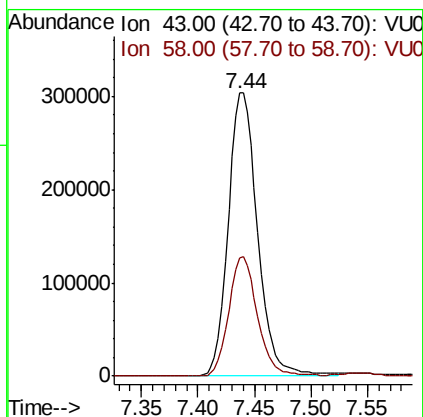
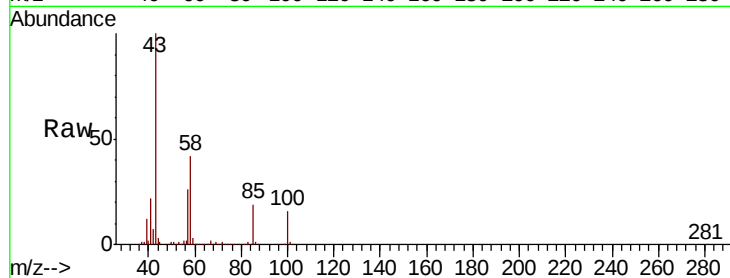




#51
 4-Methyl-2-Pentanone
 Concen: 106.602 ug/l
 RT: 7.44 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

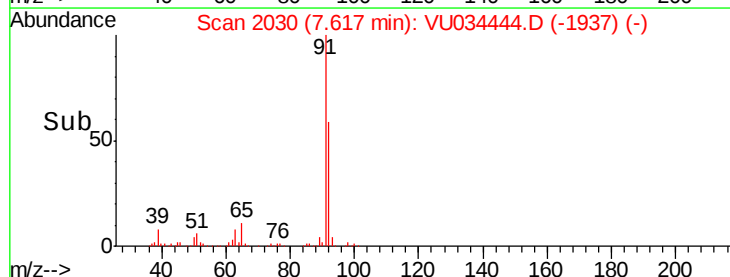
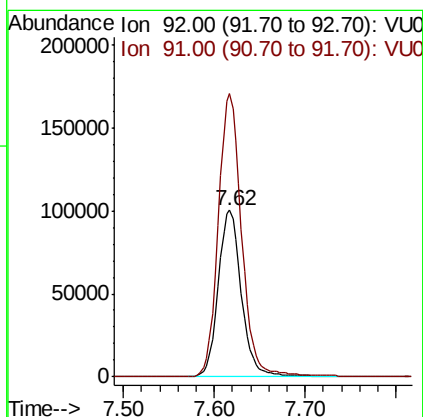
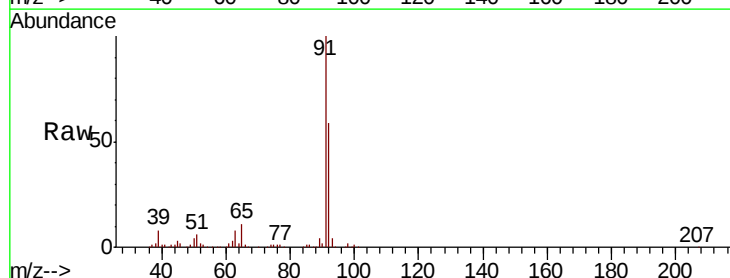
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

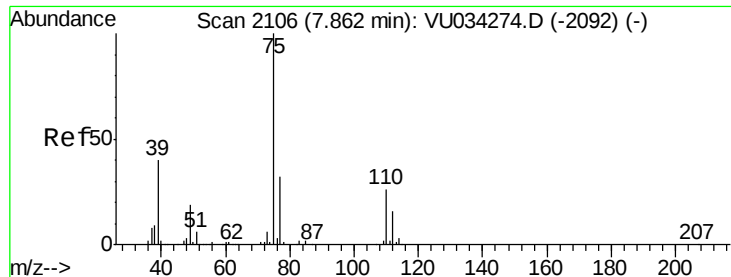
Tgt Ion: 43 Resp: 547235
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.0 49.4



#52
 Toluene
 Concen: 21.862 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion: 92 Resp: 177933
 Ion Ratio Lower Upper
 92 100
 91 171.9 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 20.785 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

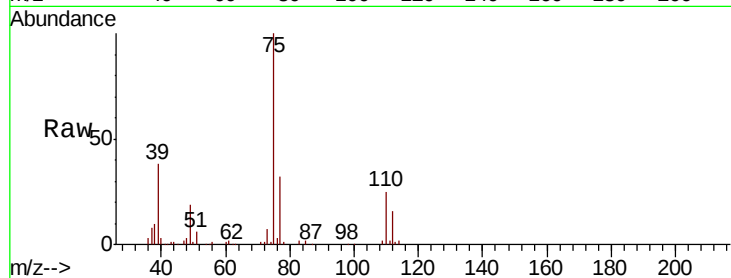
VU0910WBSD01

Tgt Ion: 75 Resp: 105592

Ion Ratio Lower Upper

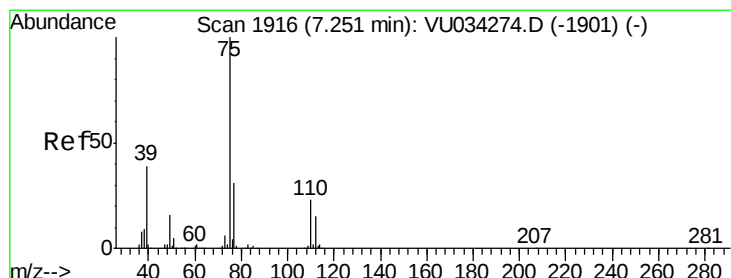
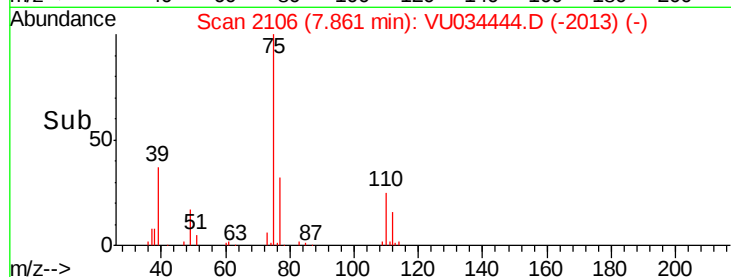
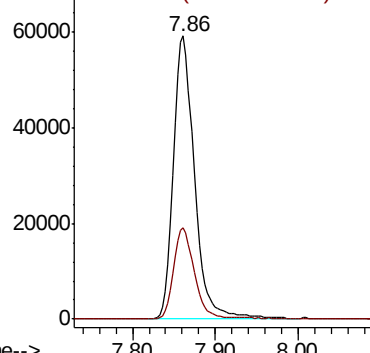
75 100

77 32.1 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 21.417 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

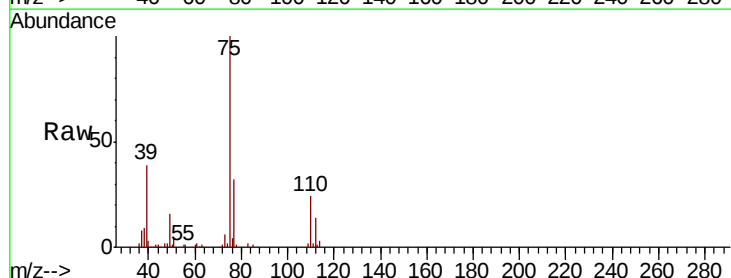
Tgt Ion: 75 Resp: 119415

Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

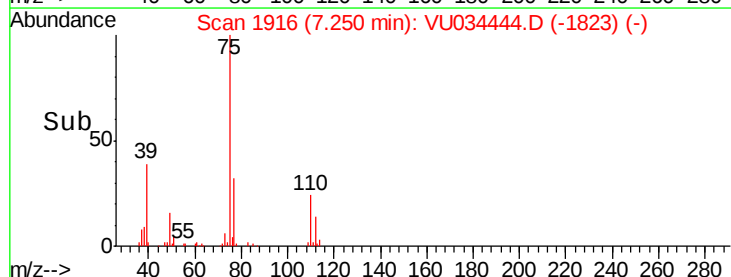
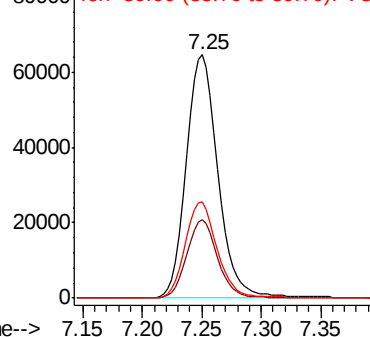
39 39.3 31.2 46.8

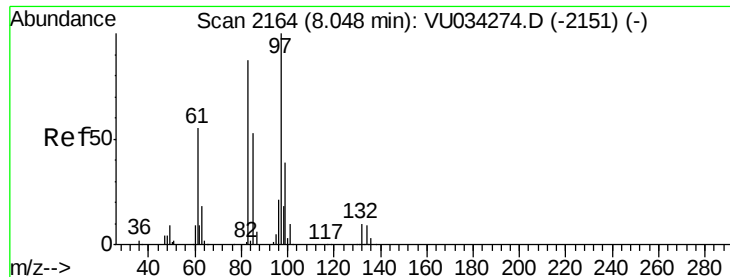


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

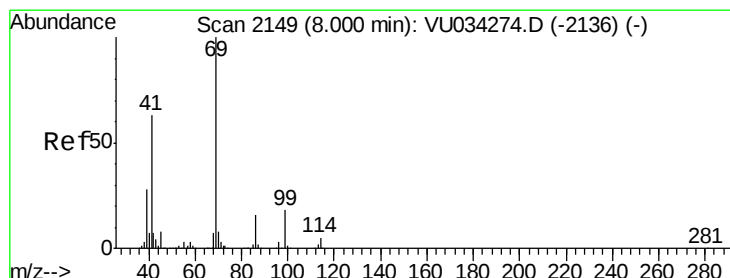
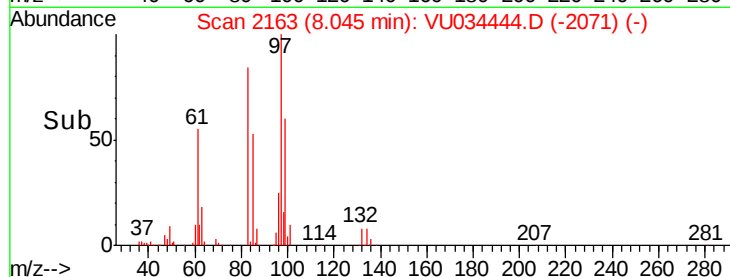
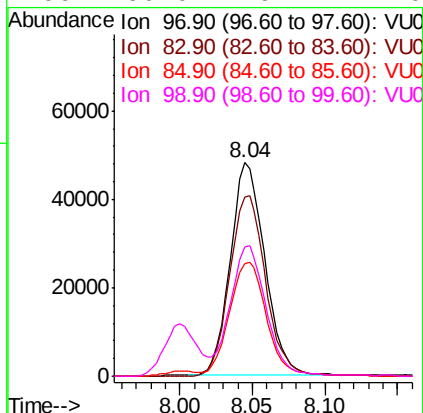
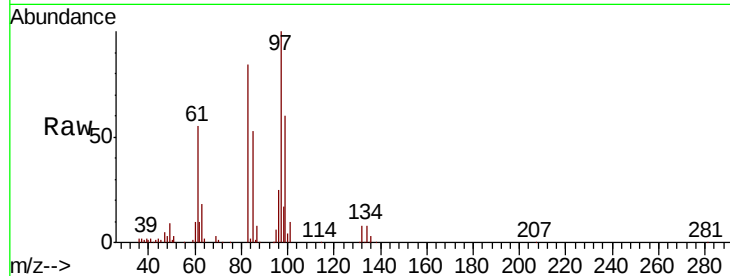




#55
 1,1,2-Trichloroethane
 Concen: 21.568 ug/l
 RT: 8.04 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

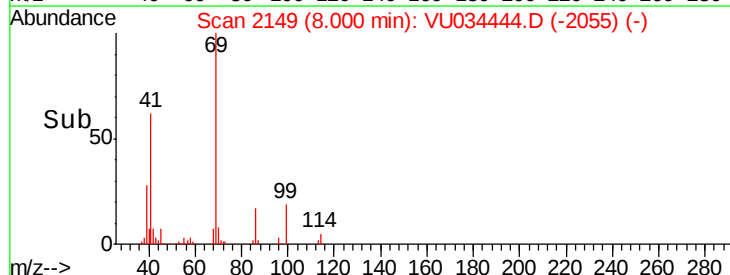
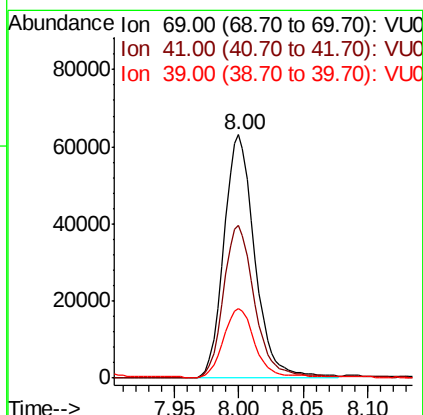
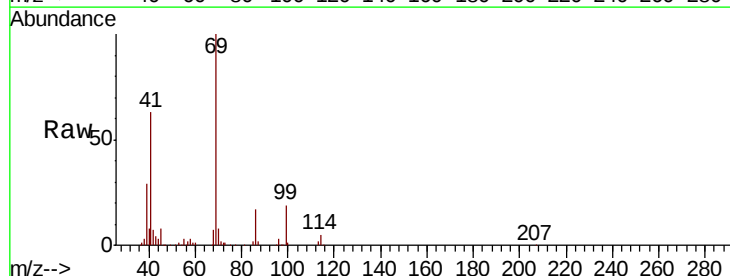
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

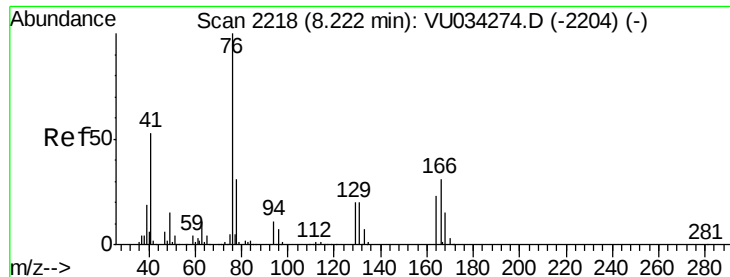
Tgt Ion:	97	Resp:	79708
Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.0	103.6
85	52.2	44.2	66.2
99	60.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 20.629 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion:	69	Resp:	105014
Ion	Ratio	Lower	Upper
69	100		
41	63.9	49.5	74.3
39	27.9	22.5	33.7





#57

1,3-Dichloropropane

Concen: 21.380 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

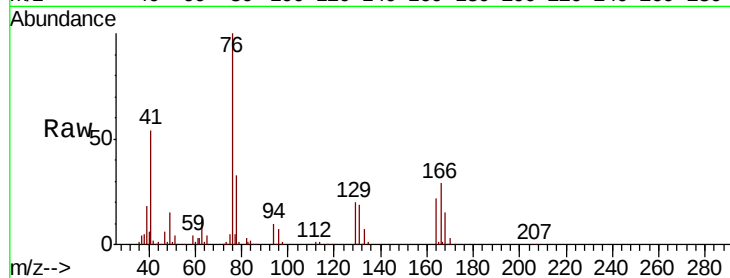
VU0910WBSD01

Tgt Ion: 76 Resp: 128660

Ion Ratio Lower Upper

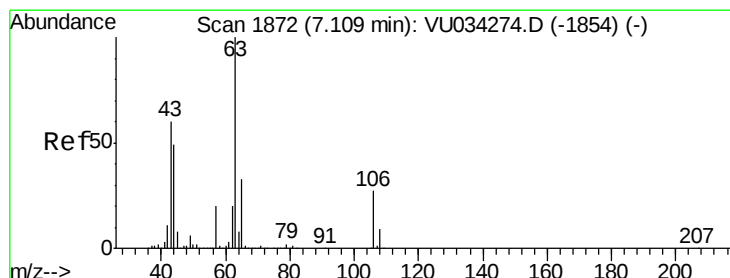
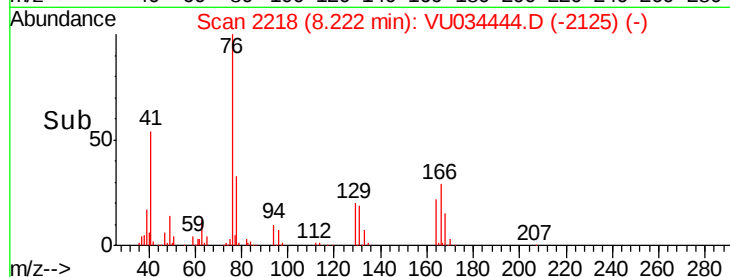
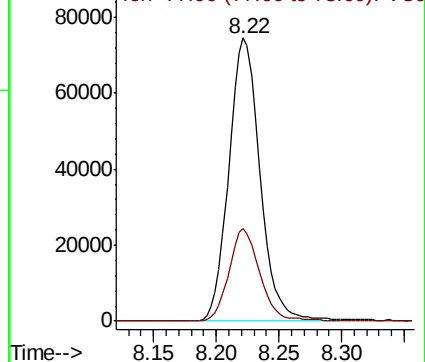
76 100

78 32.4 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 95.138 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034444.D

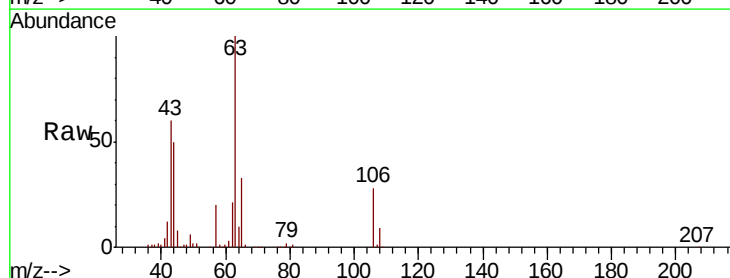
Acq: 10 Sep 2019 12:29

Tgt Ion: 63 Resp: 159780

Ion Ratio Lower Upper

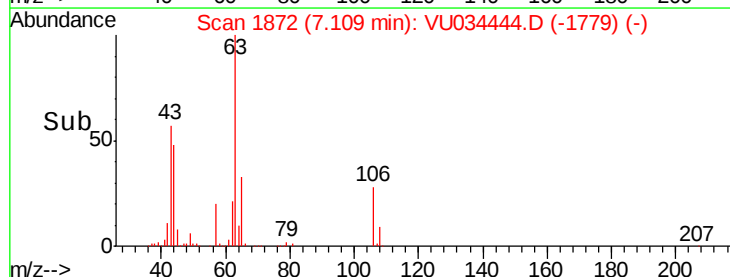
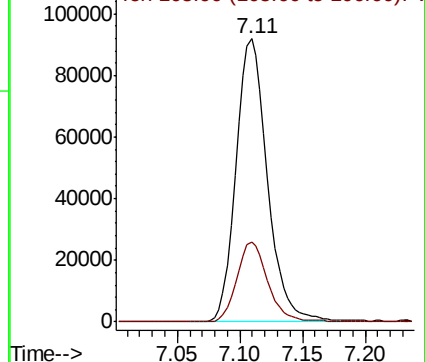
63 100

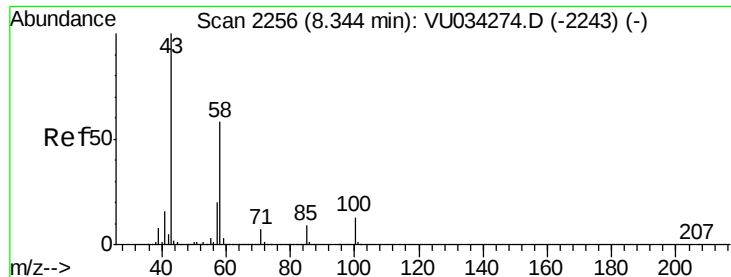
106 27.8 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

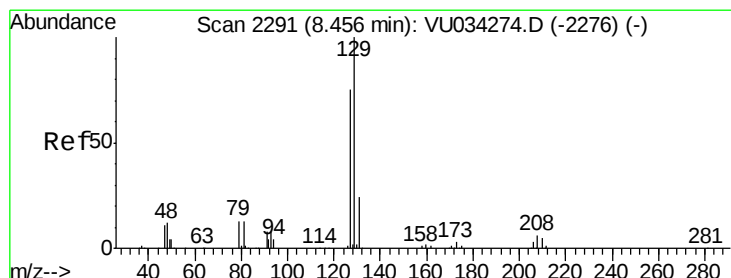
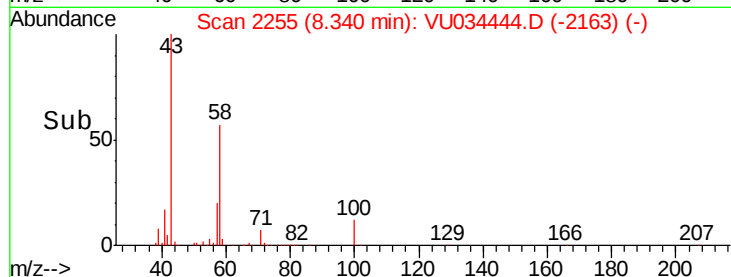
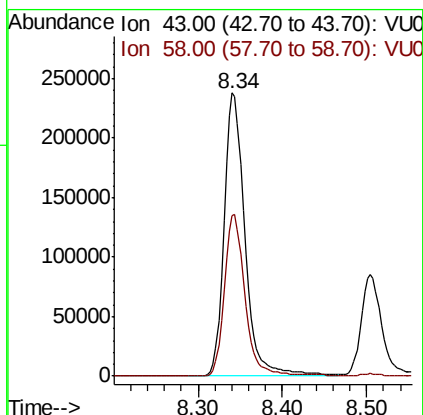
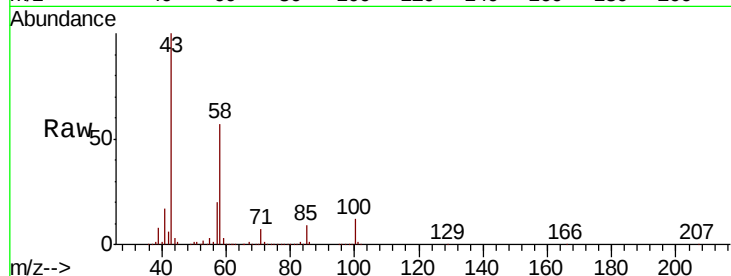




#59
2-Hexanone
Concen: 106.336 ug/l
RT: 8.34 min Scan# 2255
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

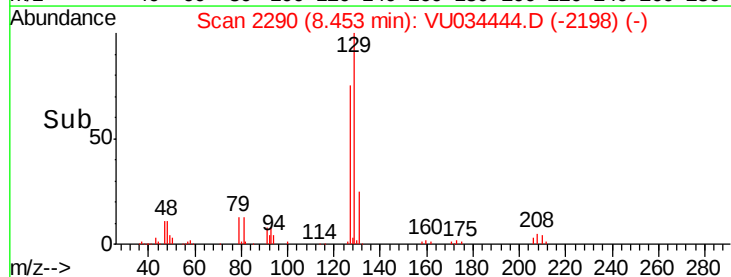
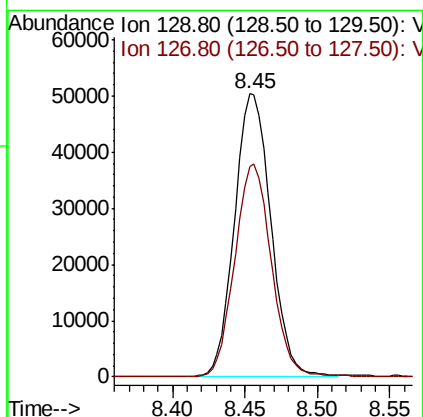
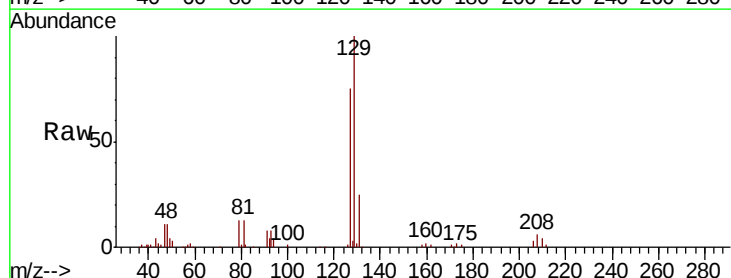
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBSD01

Tgt Ion: 43 Resp: 407793
Ion Ratio Lower Upper
43 100
58 56.6 28.8 86.5



#60
Dibromochloromethane
Concen: 22.235 ug/l
RT: 8.45 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Tgt Ion: 129 Resp: 88137
Ion Ratio Lower Upper
129 100
127 75.5 37.9 113.7





#61

1,2-Dibromoethane

Concen: 21.367 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

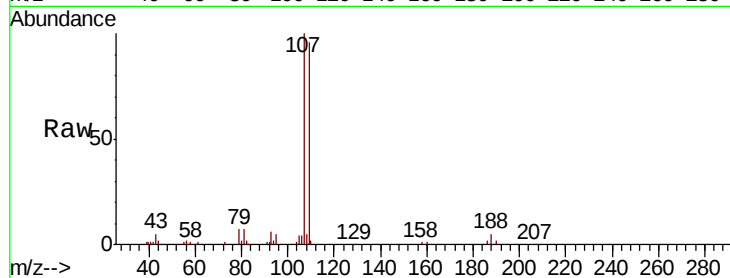
VU0910WBSD01

Tgt Ion: 107 Resp: 77289

Ion Ratio Lower Upper

107 100

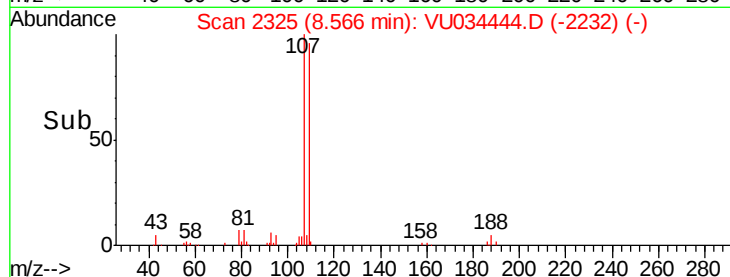
109 95.8 75.0 112.6



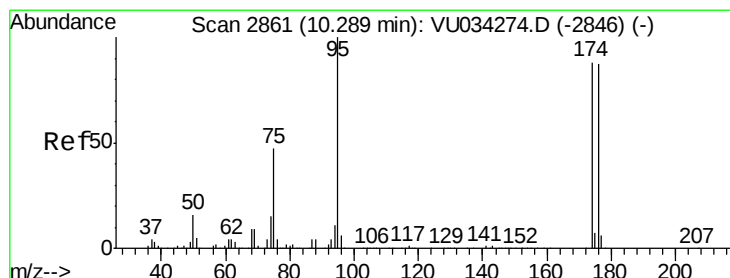
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57



Time-->



#62

4-Bromofluorobenzene

Concen: 50.296 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

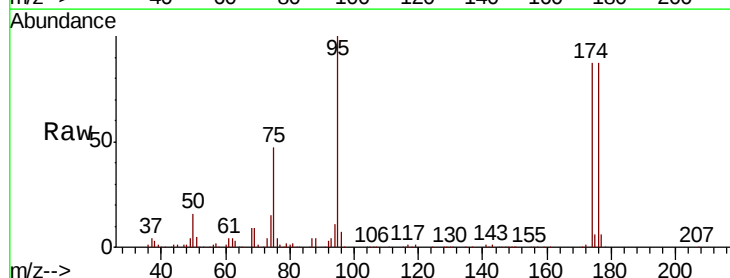
Tgt Ion: 95 Resp: 251694

Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.2

176 85.4 0.0 168.0

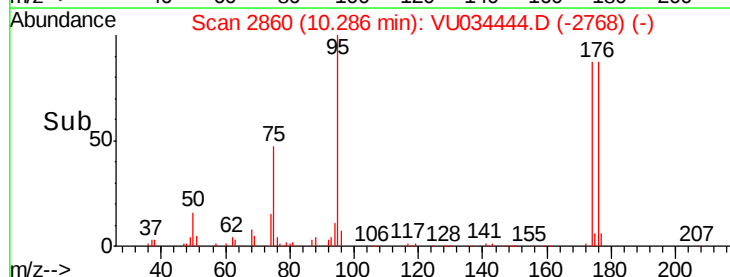


Abundance Ion 94.90 (94.60 to 95.60): VU0

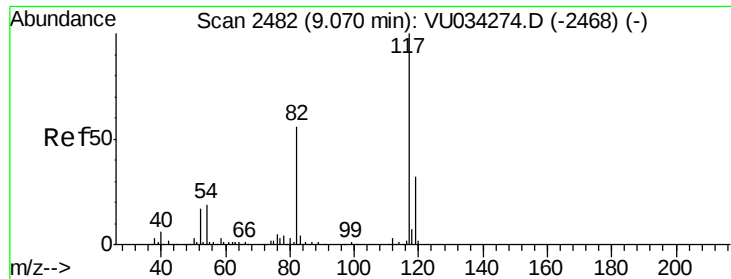
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.29



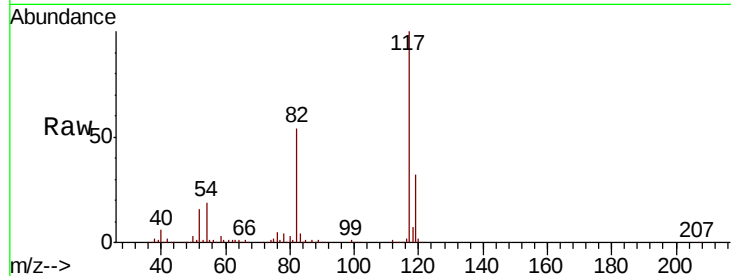
Time-->



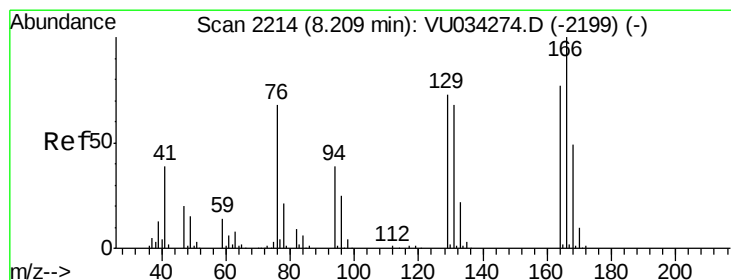
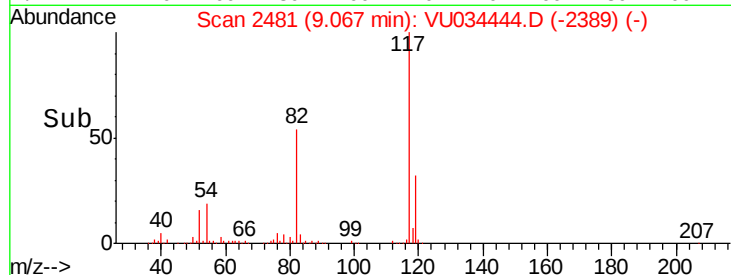
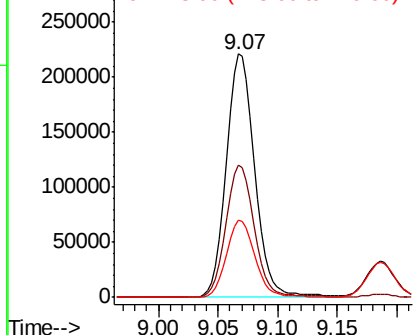
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0910WBSD01

Tgt Ion:117 Resp: 367578
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 31.8 25.9 38.9

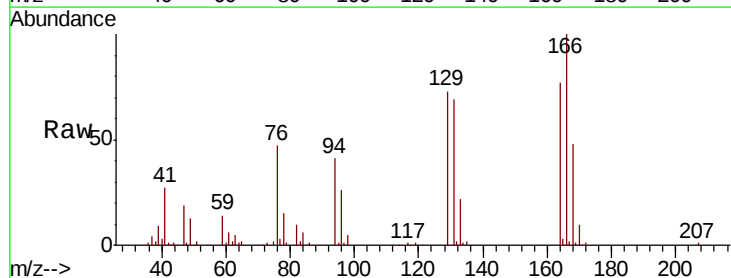


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

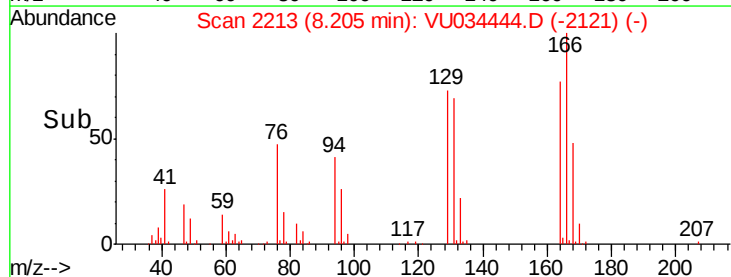
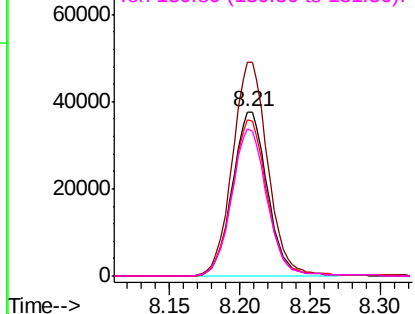


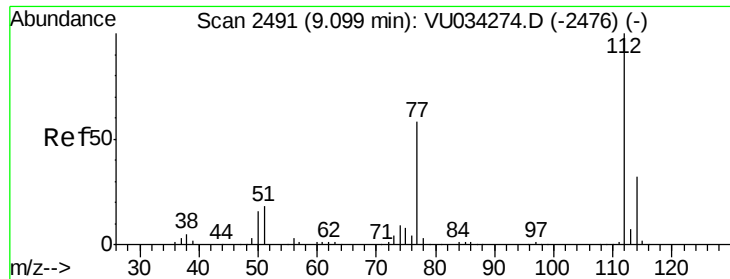
#64
Tetrachloroethene
Concen: 20.532 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Tgt Ion:164 Resp: 65476
Ion Ratio Lower Upper
164 100
166 130.0 103.7 155.5
129 94.9 75.8 113.8
131 89.7 70.7 106.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

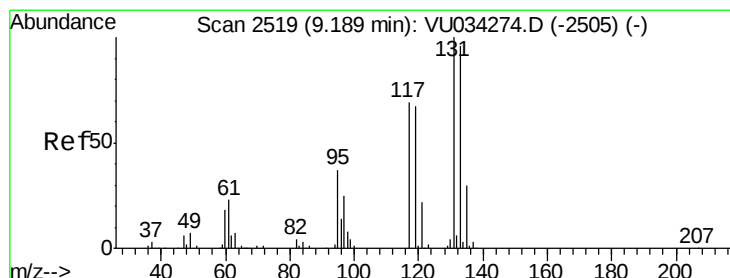
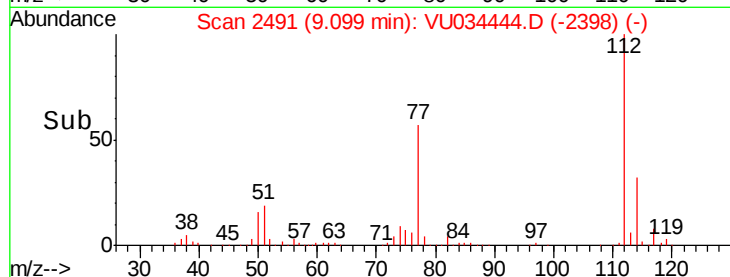
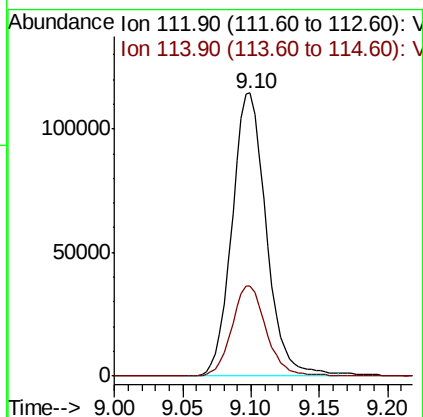
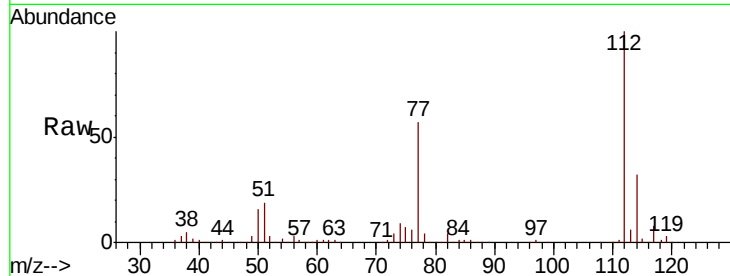




#65
Chlorobenzene
Concen: 21.392 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

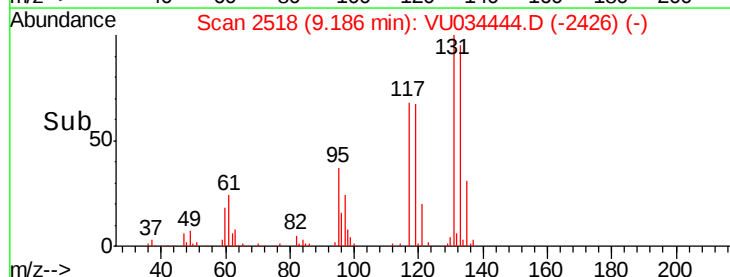
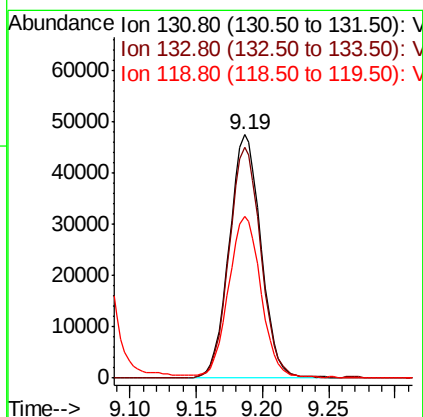
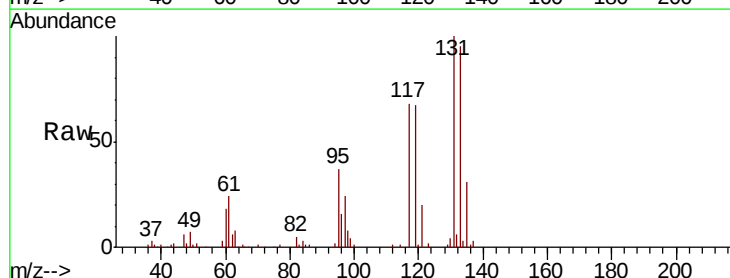
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBSD01

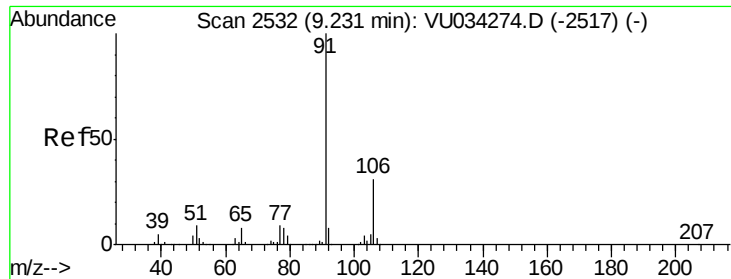
Tgt Ion:112 Resp: 199493
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 22.242 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Tgt Ion:131 Resp: 79160
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 67.1 33.1 99.5

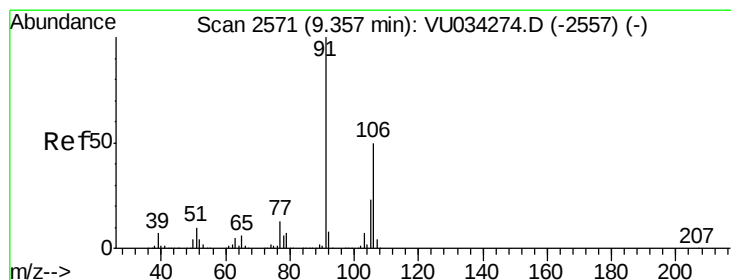
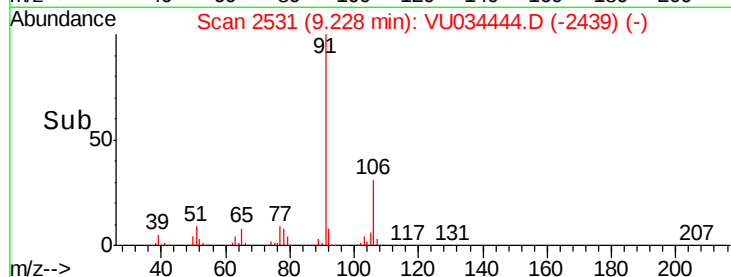
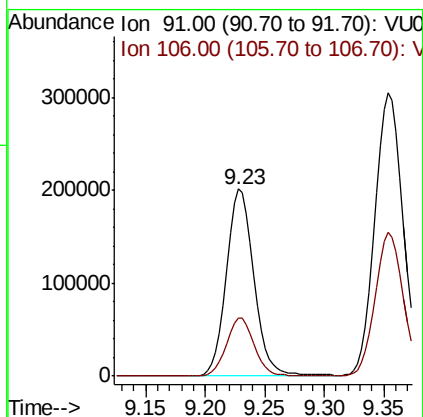
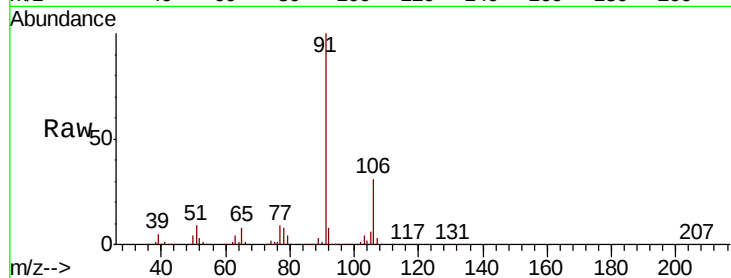




#67
 Ethyl Benzene
 Concen: 21.301 ug/l
 RT: 9.23 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

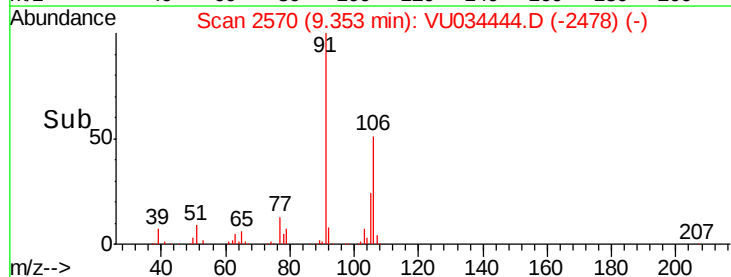
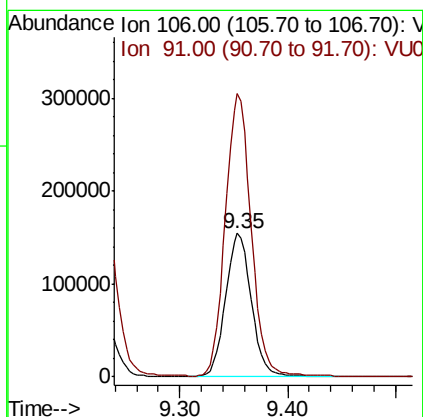
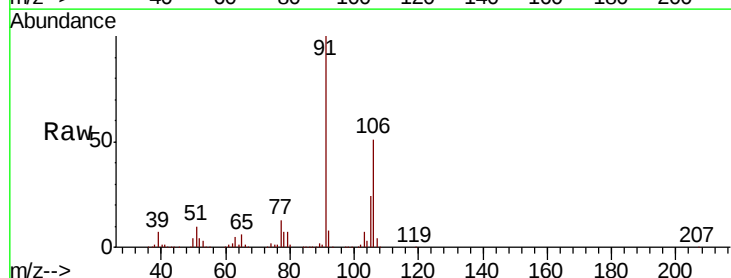
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

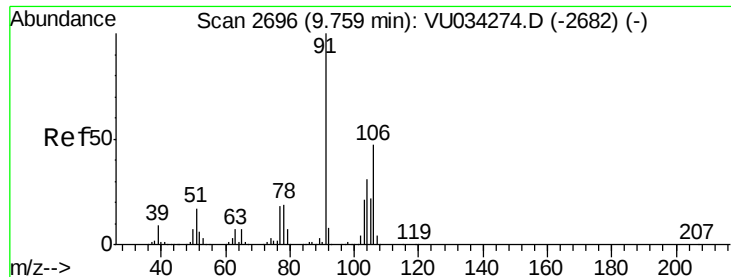
Tgt Ion: 91 Resp: 324799
 Ion Ratio Lower Upper
 91 100
 106 31.4 24.8 37.2



#68
 m/p-Xylenes
 Concen: 44.605 ug/l
 RT: 9.35 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion: 106 Resp: 256111
 Ion Ratio Lower Upper
 106 100
 91 198.6 160.1 240.1

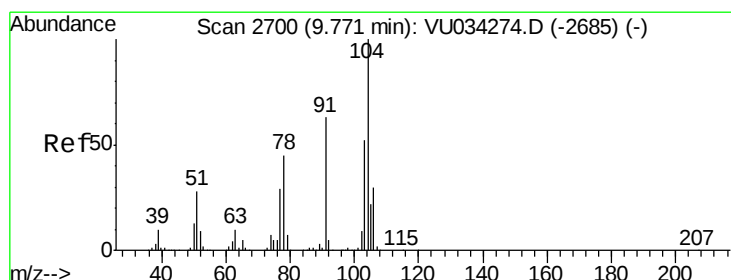
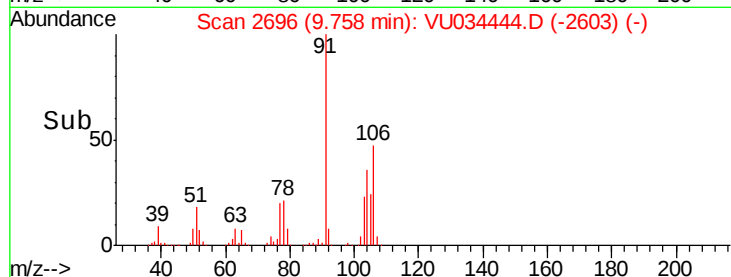
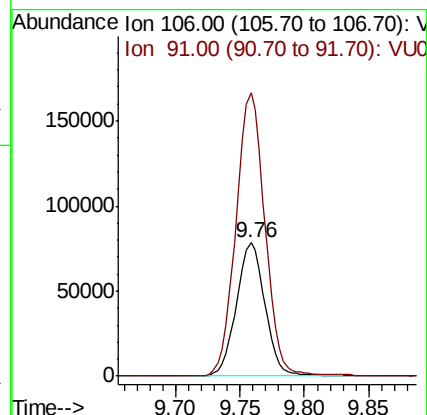
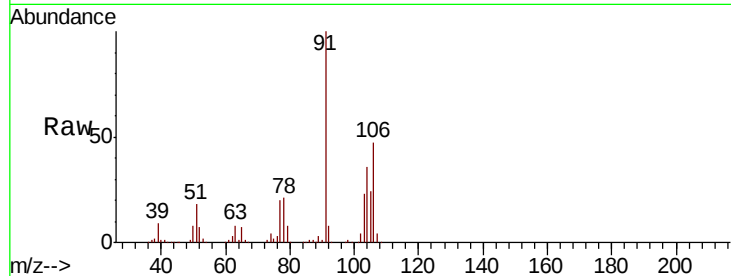




#69
o-Xylene
Concen: 21.599 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

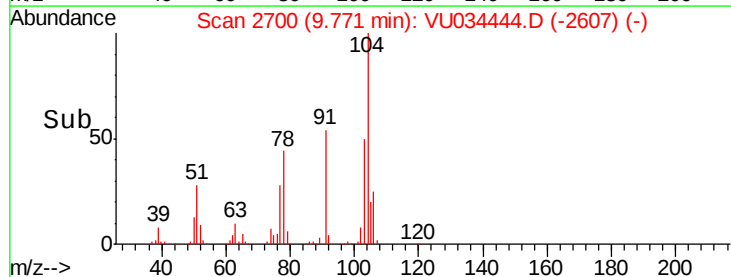
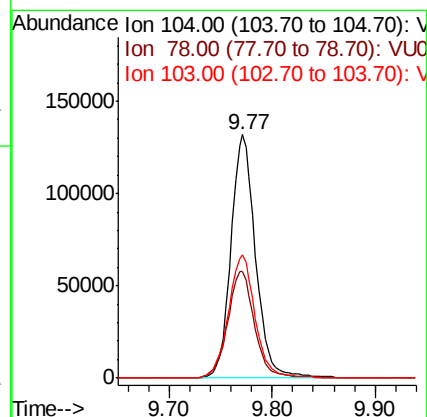
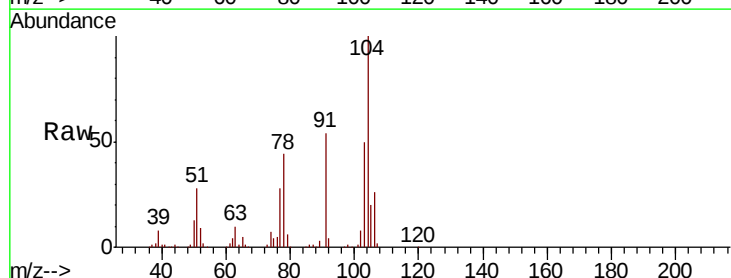
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBSD01

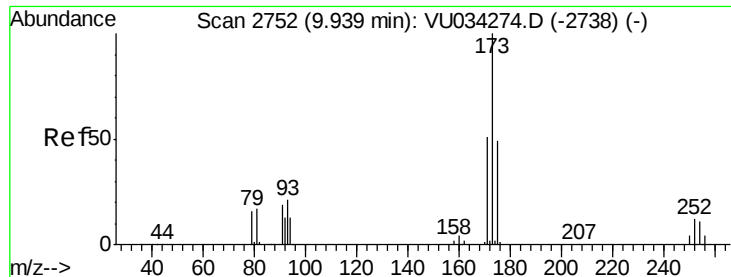
Tgt Ion:106 Resp: 121281
Ion Ratio Lower Upper
106 100
91 215.3 105.1 315.3



#70
Styrene
Concen: 22.335 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Tgt Ion:104 Resp: 219883
Ion Ratio Lower Upper
104 100
78 47.9 38.6 57.8
103 55.0 44.2 66.4





#71

Bromoform

Concen: 22.072 ug/l

RT: 9.94 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBSD01

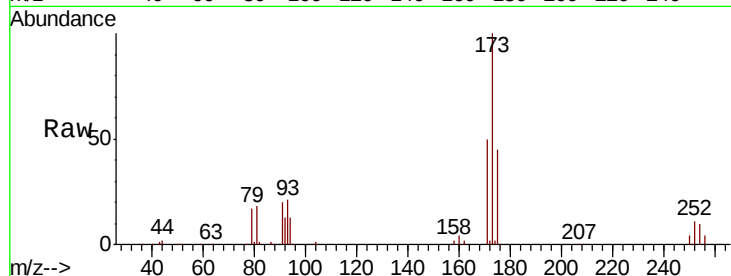
Tgt Ion:173 Resp: 68080

Ion Ratio Lower Upper

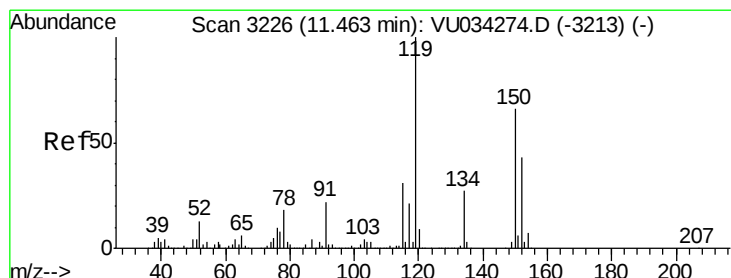
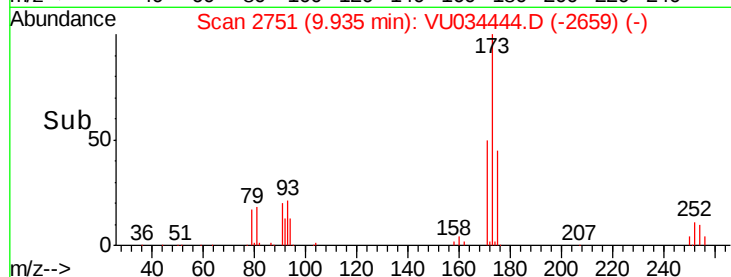
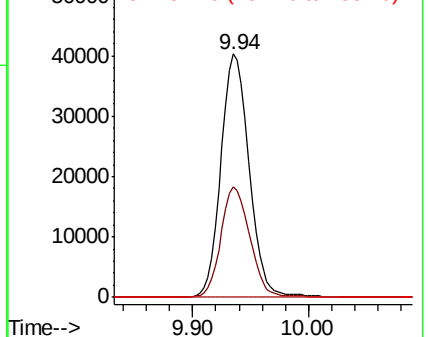
173 100

175 46.6 24.4 73.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3225

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

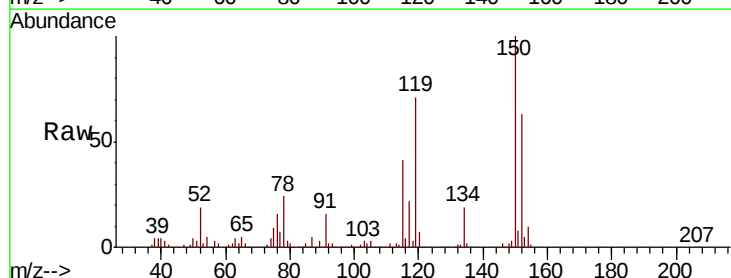
Tgt Ion:152 Resp: 243822

Ion Ratio Lower Upper

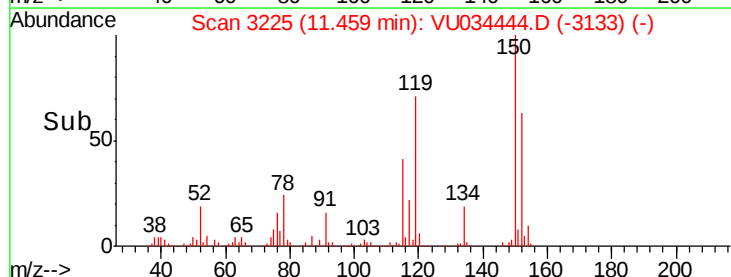
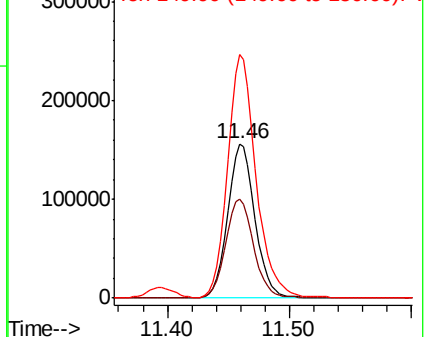
152 100

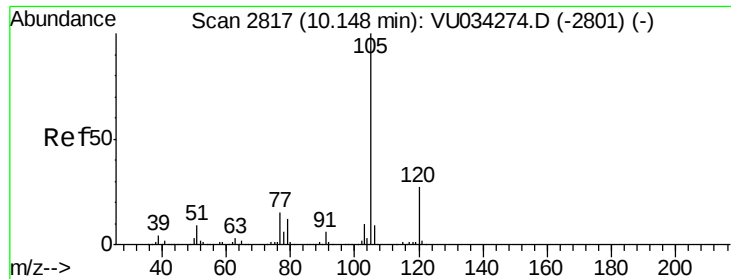
115 66.5 39.1 117.3

150 163.7 0.0 345.4



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





#73

Isopropylbenzene

Concen: 21.412 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

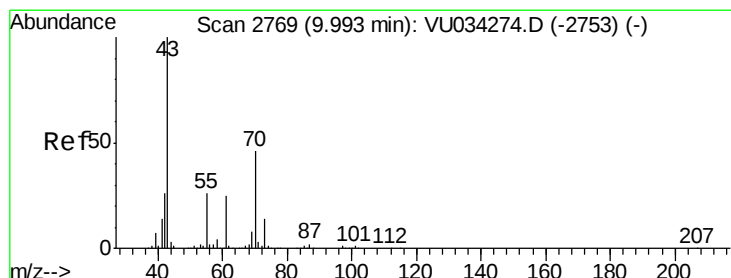
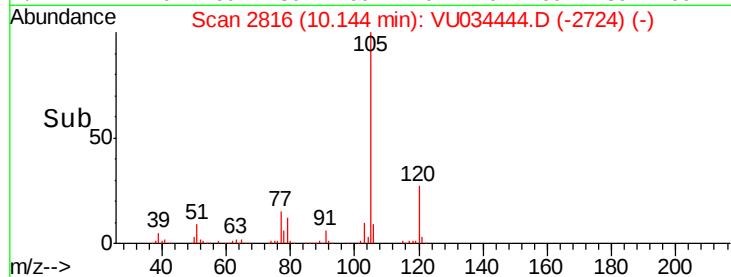
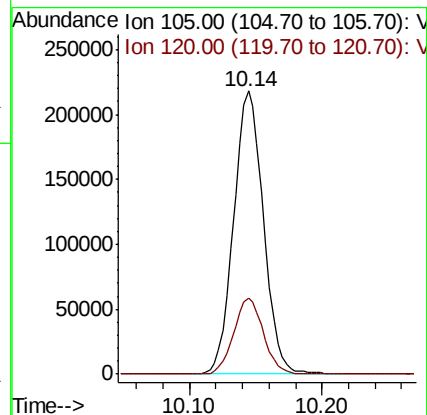
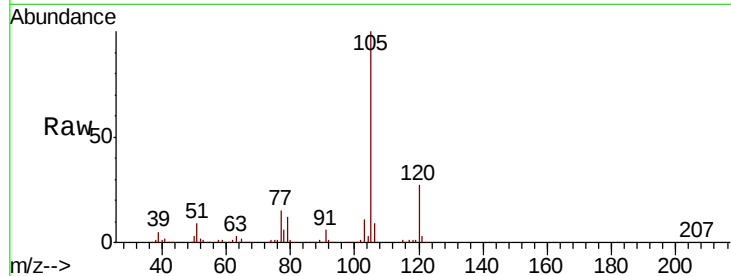
VU0910WBSD01

Tgt Ion:105 Resp: 339754

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 20.866 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Tgt Ion: 43 Resp: 133272

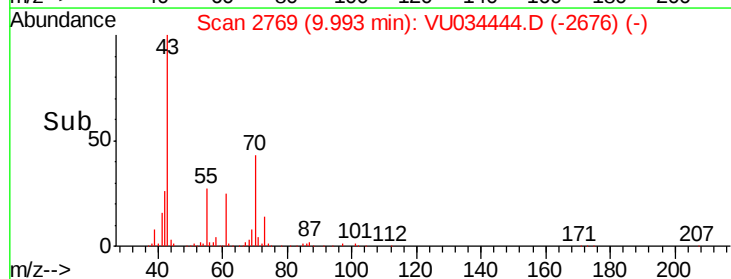
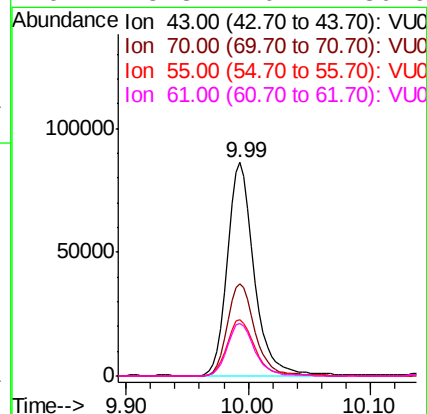
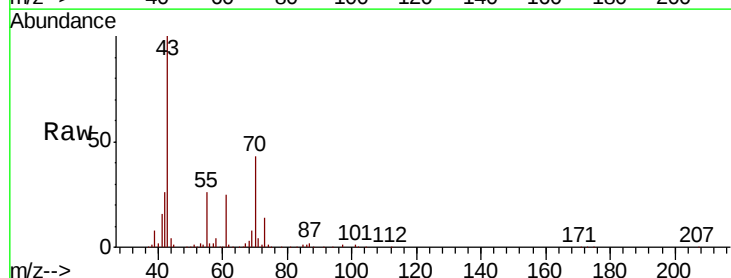
Ion Ratio Lower Upper

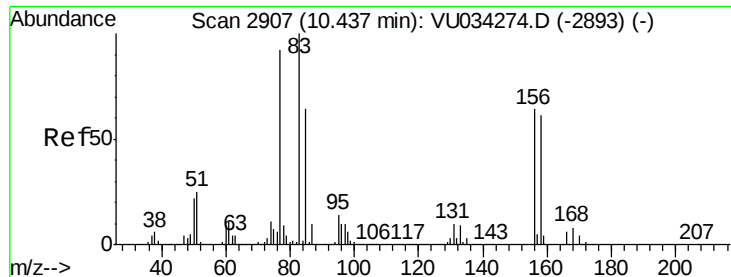
43 100

70 44.8 36.4 54.6

55 27.5 21.2 31.8

61 25.3 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.584 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBSD01

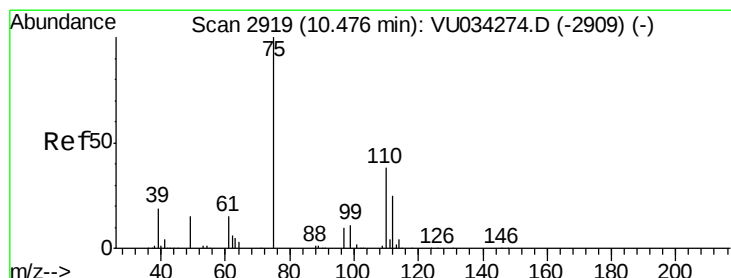
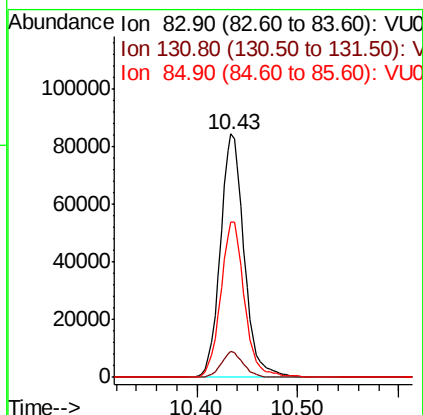
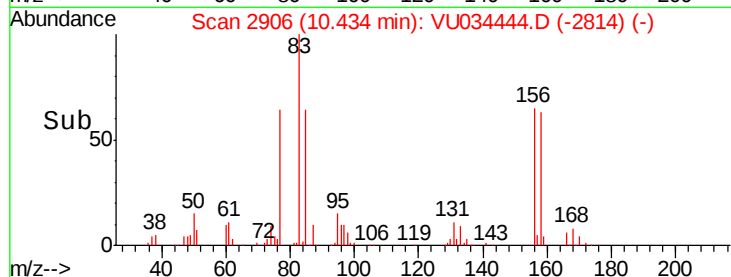
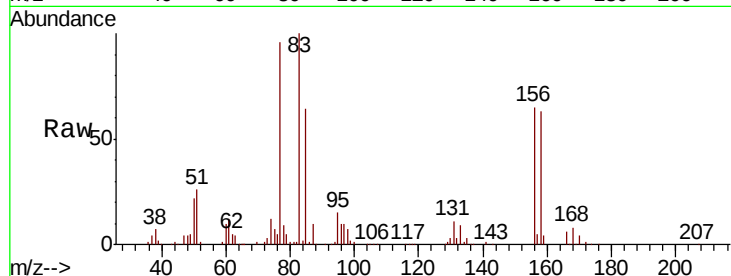
Tgt Ion: 83 Resp: 138627

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

85 63.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 27.630 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034444.D

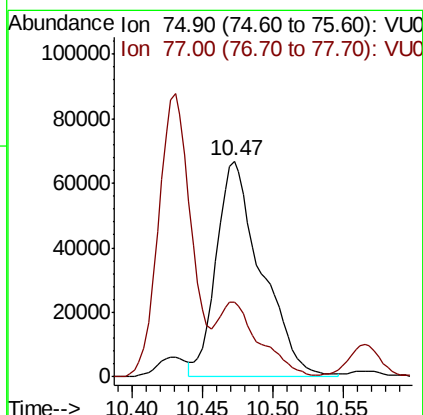
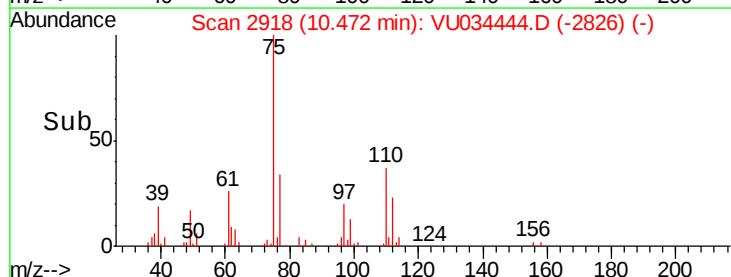
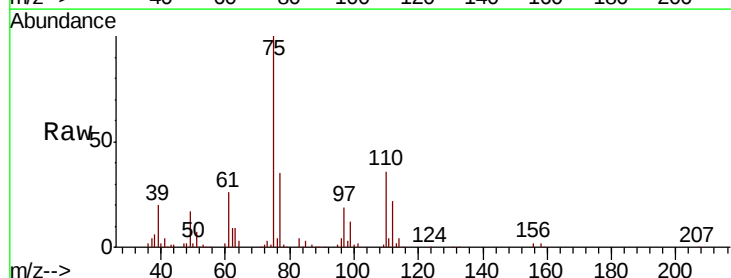
Acq: 10 Sep 2019 12:29

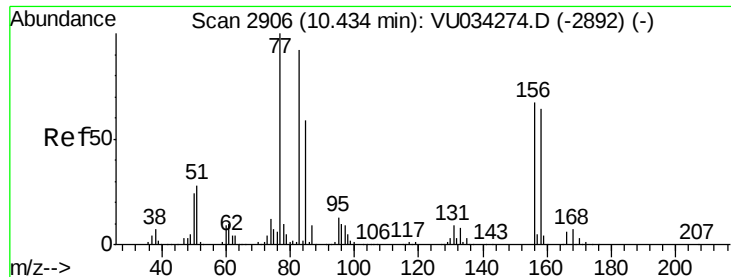
Tgt Ion: 75 Resp: 147052

Ion Ratio Lower Upper

75 100

77 32.0 20.8 62.2





#77

Bromobenzene

Concen: 21.377 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBSD01

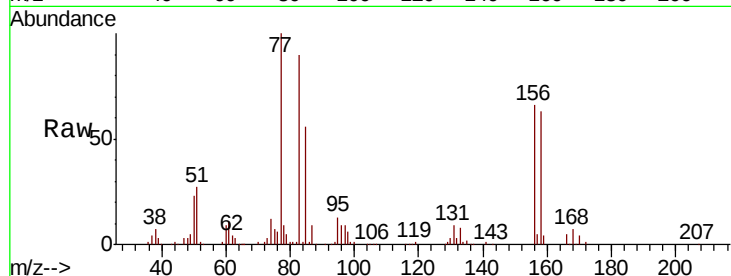
Tgt Ion:156 Resp: 94843

Ion Ratio Lower Upper

156 100

77 151.5 75.6 226.9

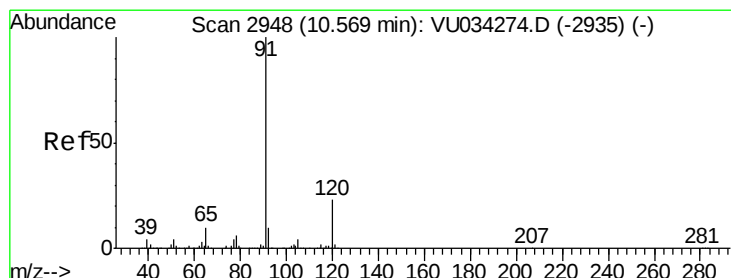
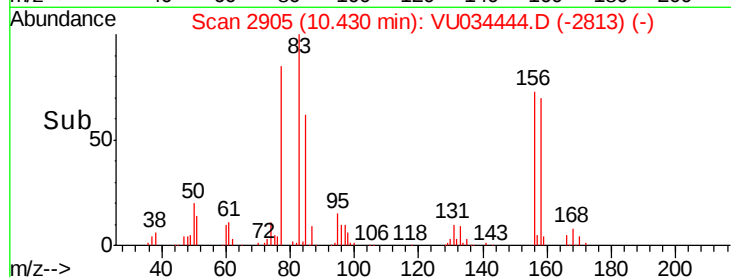
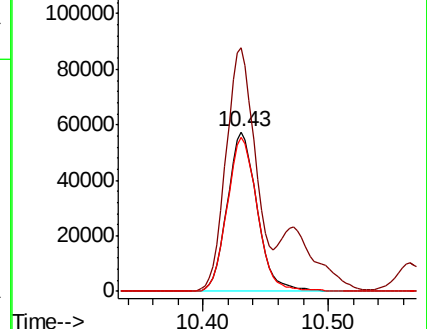
158 97.3 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.518 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034444.D

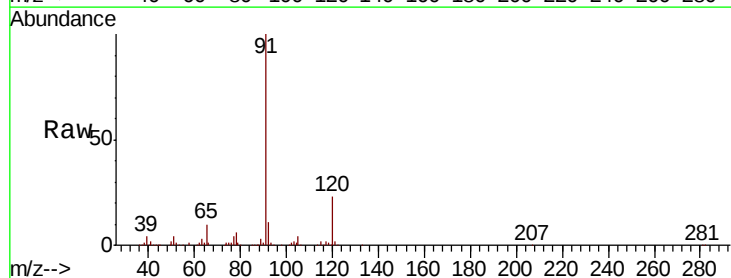
Acq: 10 Sep 2019 12:29

Tgt Ion: 91 Resp: 394314

Ion Ratio Lower Upper

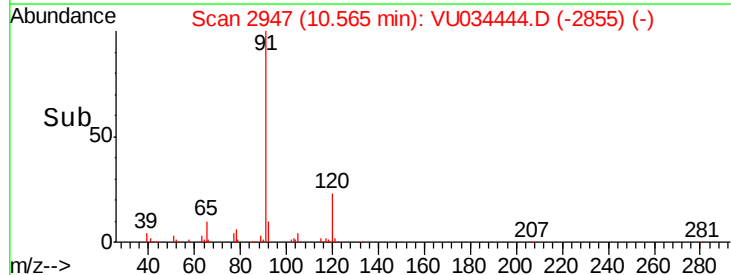
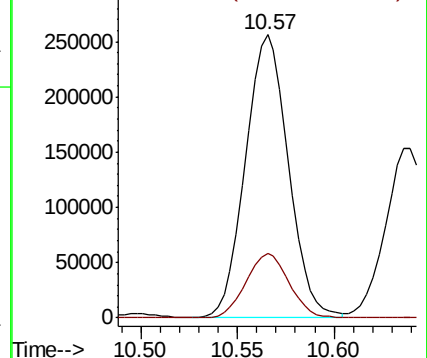
91 100

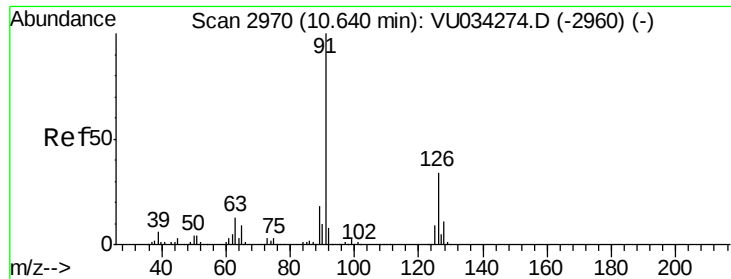
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.919 ug/l

RT: 10.64 min Scan# 2969

Delta R.T. -0.00 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

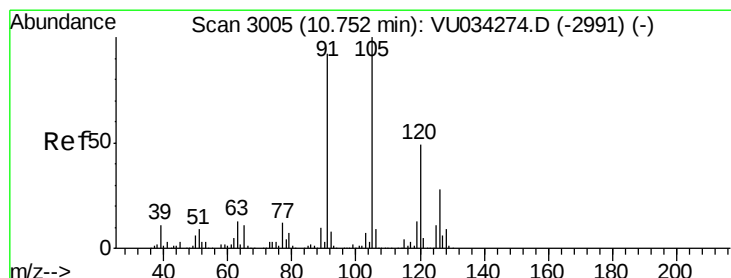
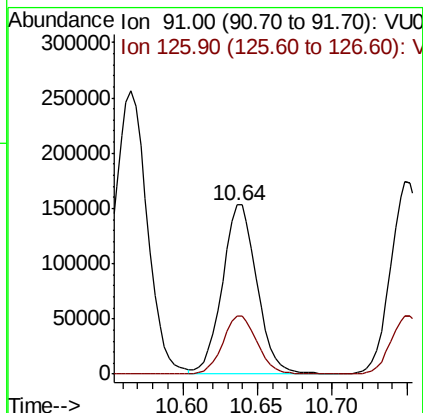
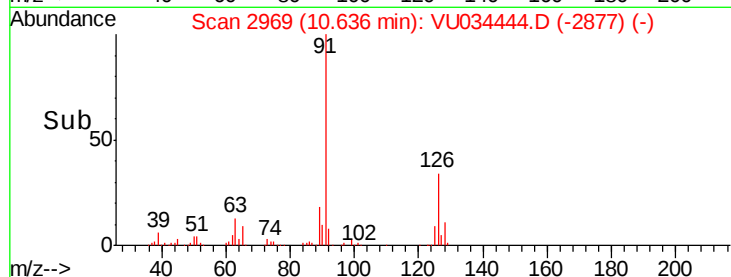
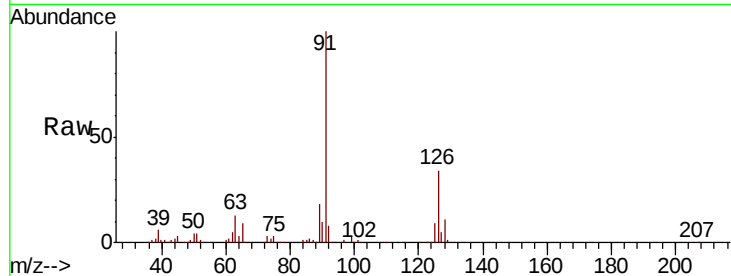
VU0910WBSD01

Tgt Ion: 91 Resp: 245087

Ion Ratio Lower Upper

91 100

126 34.4 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 22.582 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034444.D

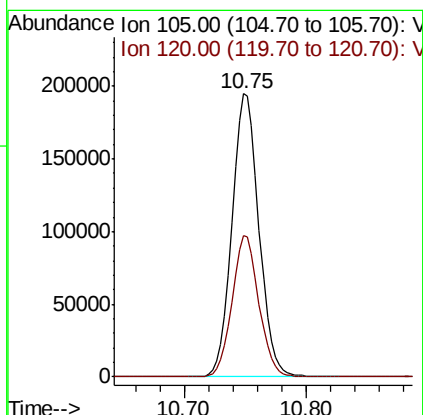
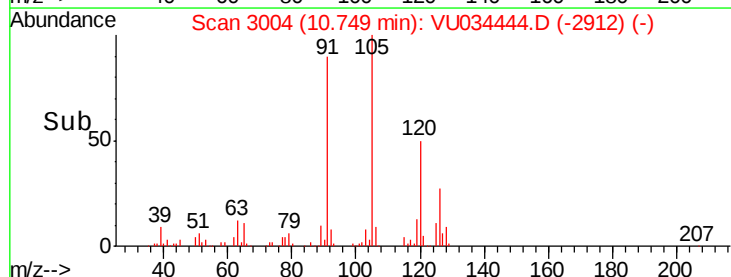
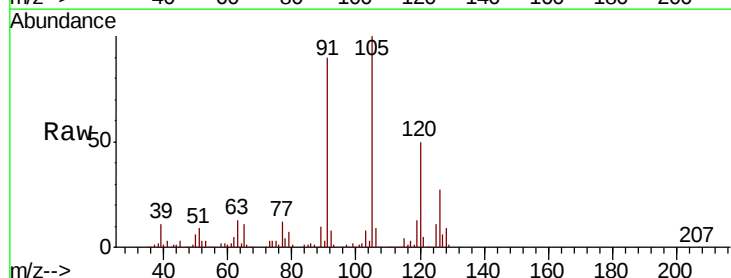
Acq: 10 Sep 2019 12:29

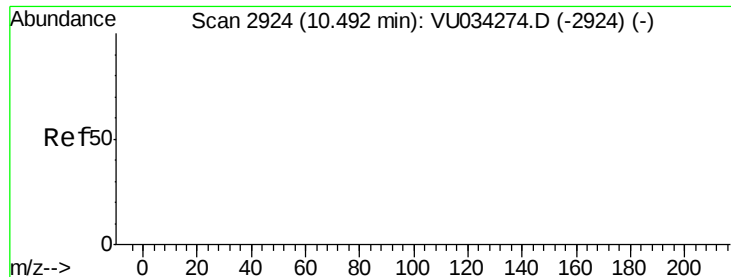
Tgt Ion: 105 Resp: 299680

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 93.314 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.02 min

Lab File: VU034444.D

Acq: 10 Sep 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0910WBSD01

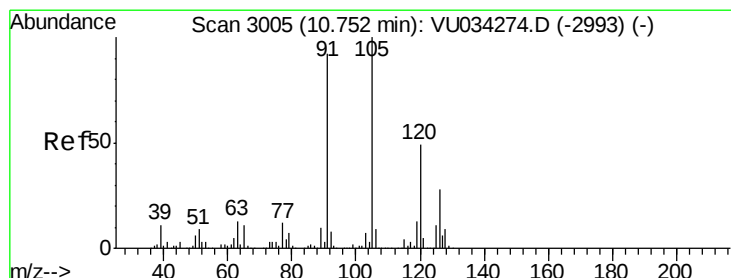
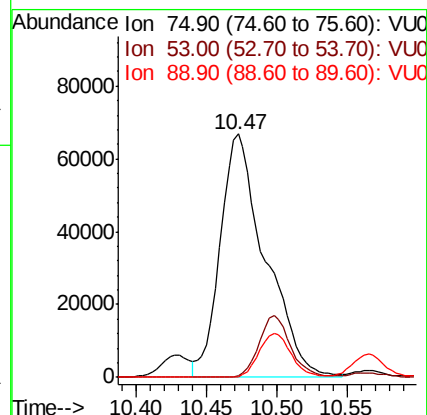
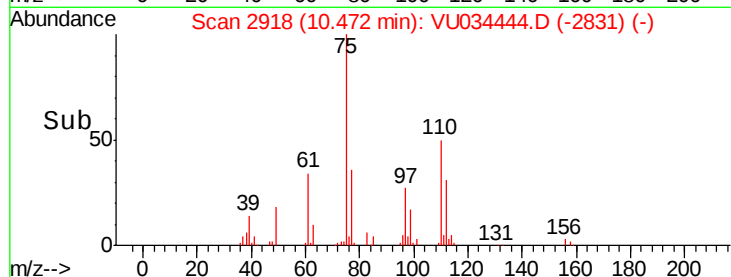
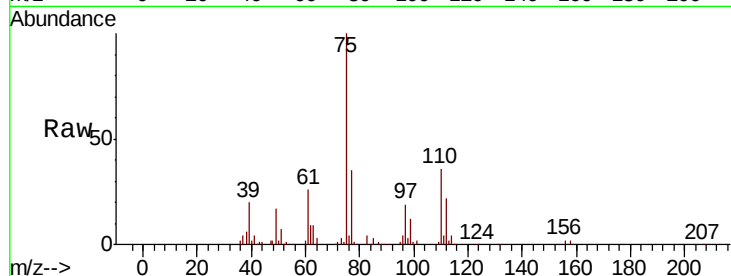
Tgt Ion: 75 Resp: 147679

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 21.778 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034444.D

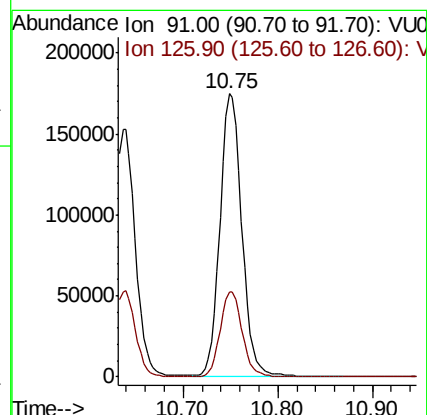
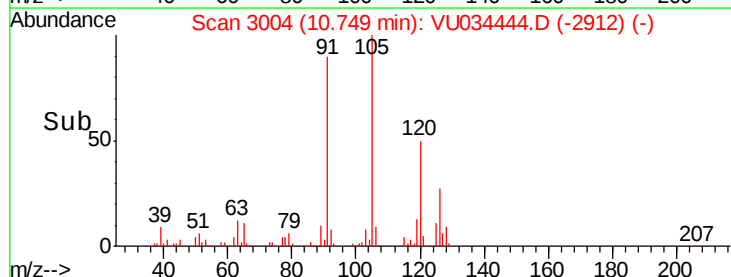
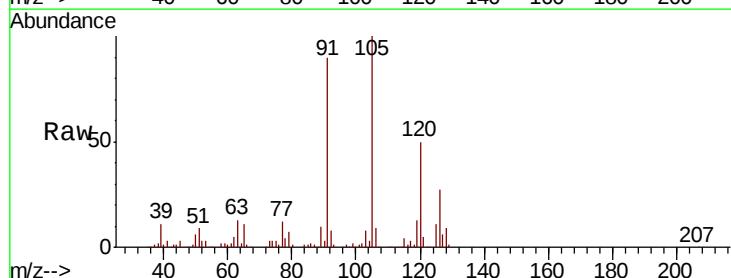
Acq: 10 Sep 2019 12:29

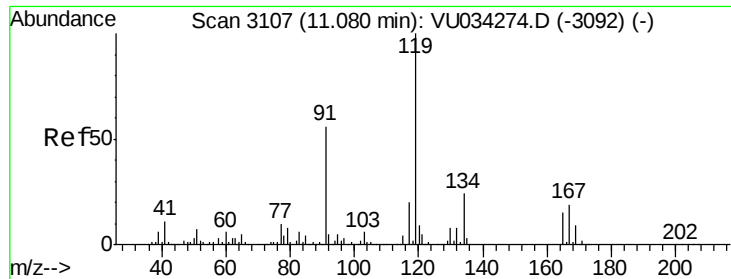
Tgt Ion: 91 Resp: 280231

Ion Ratio Lower Upper

91 100

126 30.7 15.3 45.8

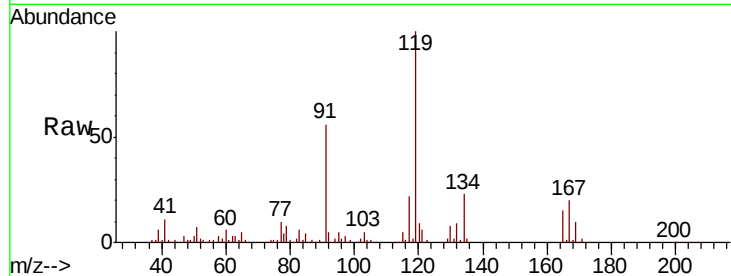




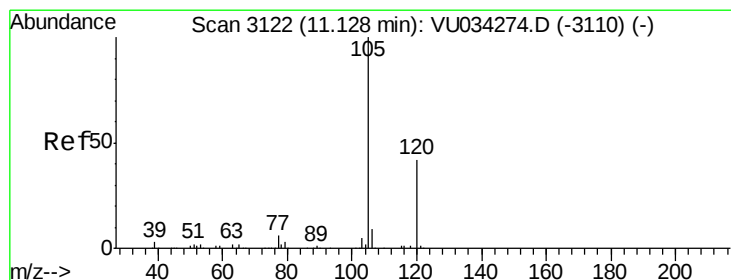
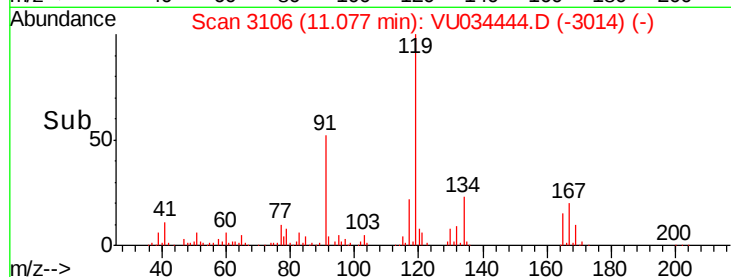
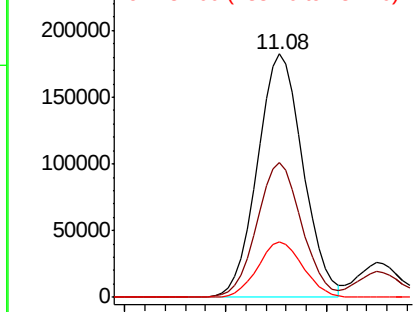
#83
 tert-Butylbenzene
 Concen: 21.608 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

Tgt Ion:119 Resp: 286864
 Ion Ratio Lower Upper
 119 100
 91 54.3 27.8 83.4
 134 22.7 11.7 35.0

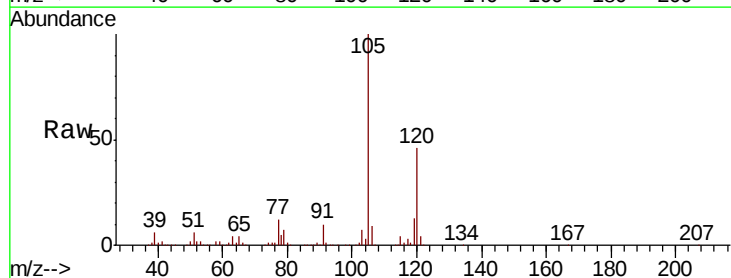


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

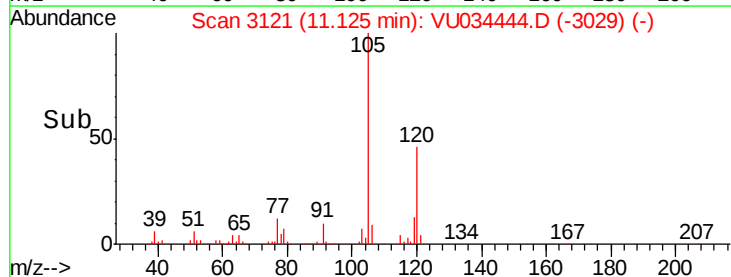
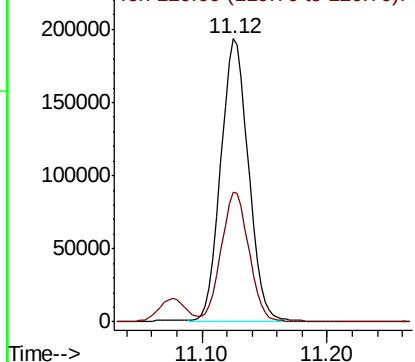


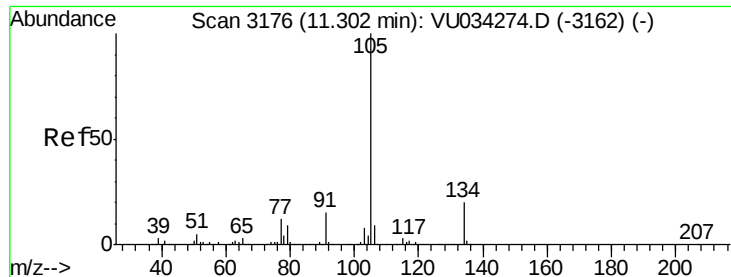
#84
 1,2,4-Trimethylbenzene
 Concen: 22.141 ug/l
 RT: 11.12 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion:105 Resp: 295771
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.8



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

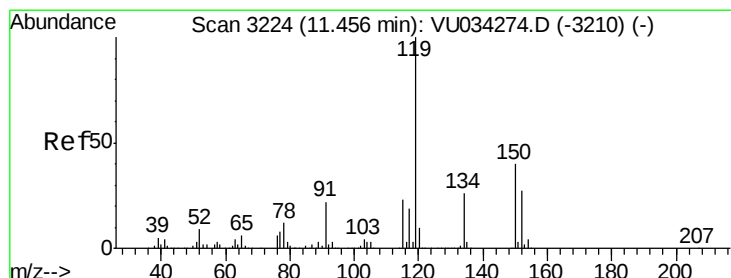
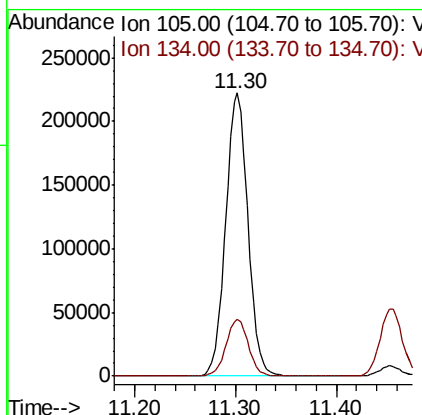
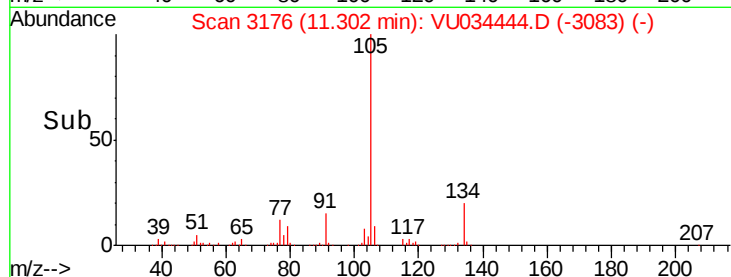
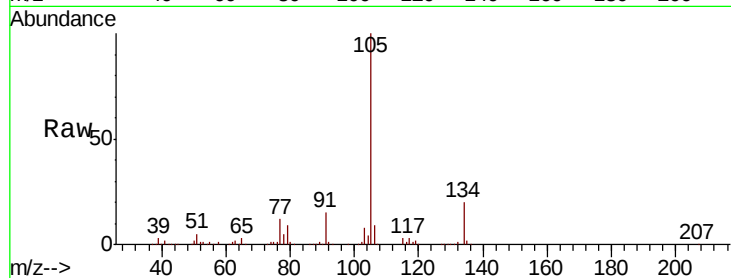




#85
 sec-Butylbenzene
 Concen: 21.814 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

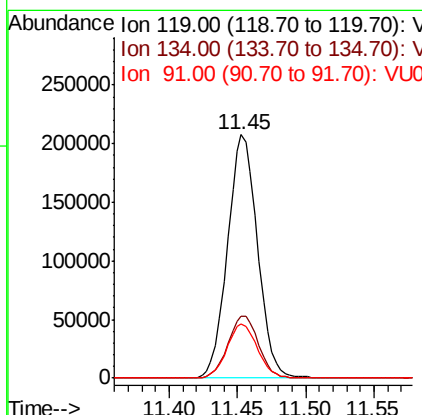
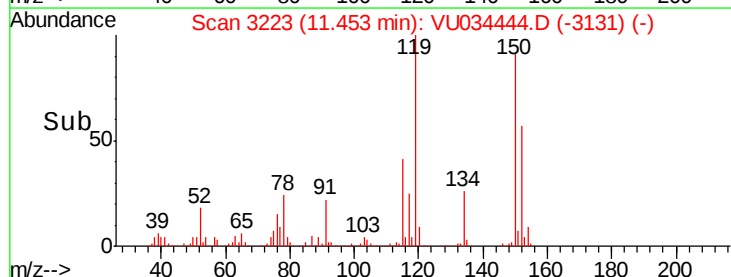
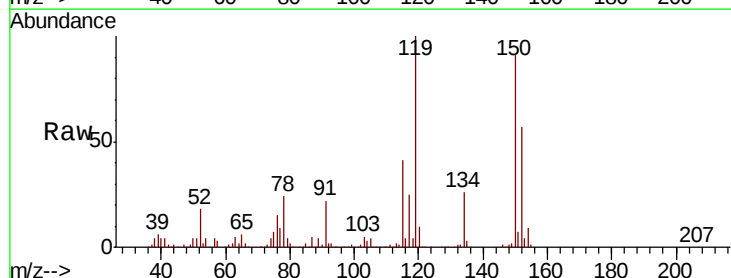
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

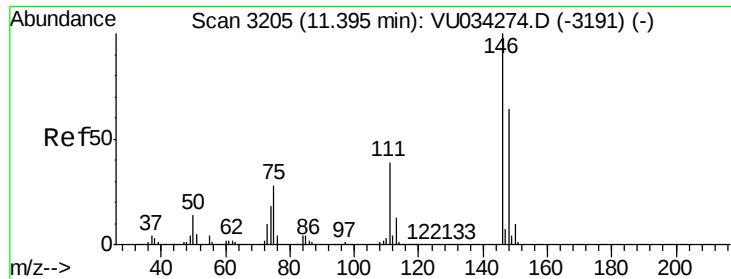
Tgt Ion:105 Resp: 341892
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 21.797 ug/l
 RT: 11.45 min Scan# 3223
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion:119 Resp: 315304
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.7 11.2 33.6

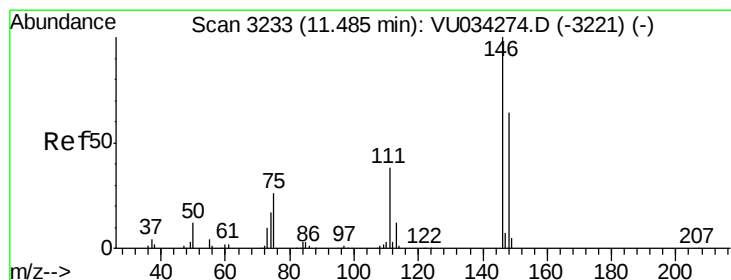
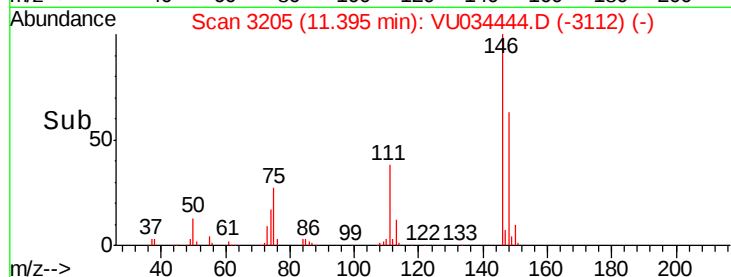
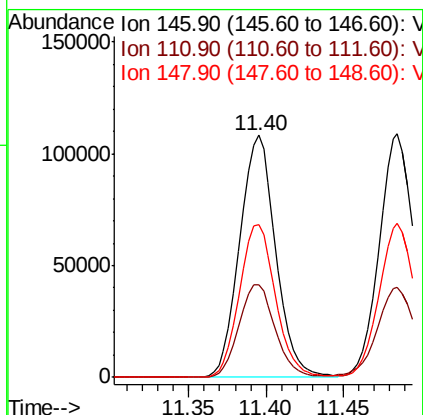
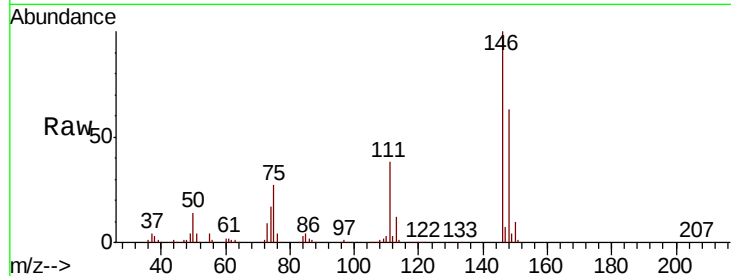




#87
 1,3-Dichlorobenzene
 Concen: 21.709 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

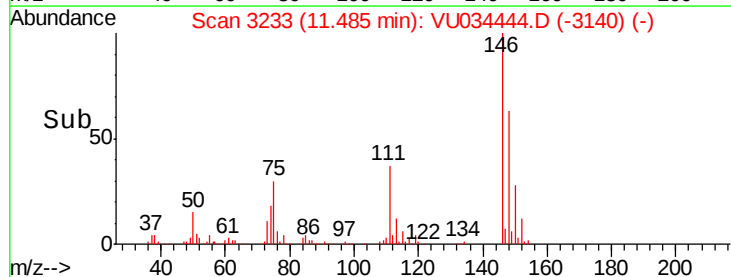
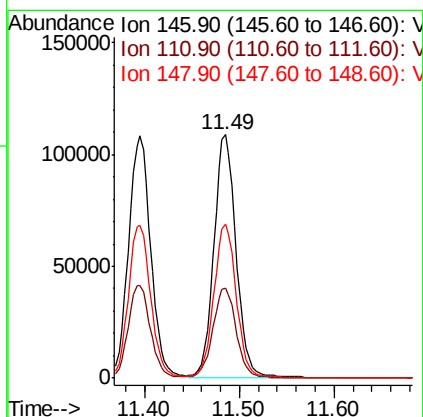
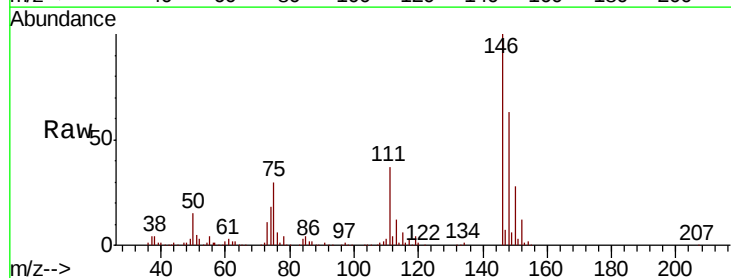
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

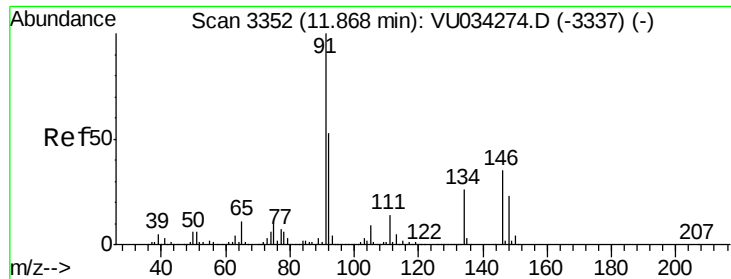
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.5	58.5
148	63.2	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.944 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.3
148	63.5	32.0	96.0

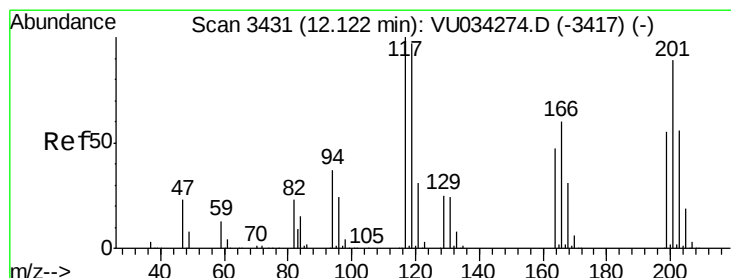
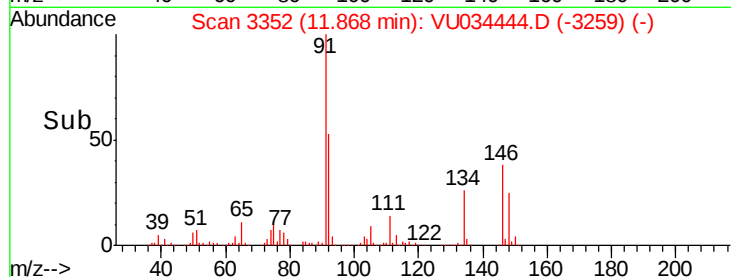
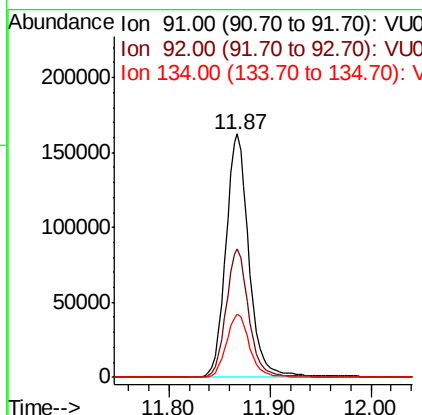
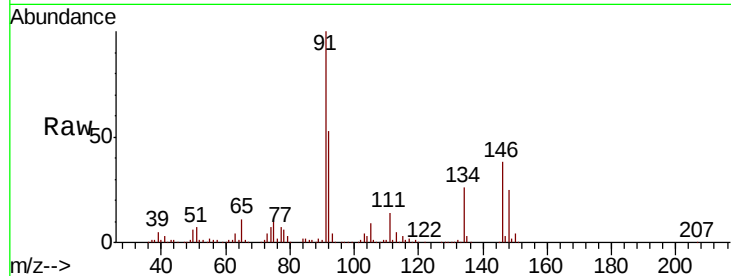




#89
n-Butylbenzene
Concen: 20.714 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

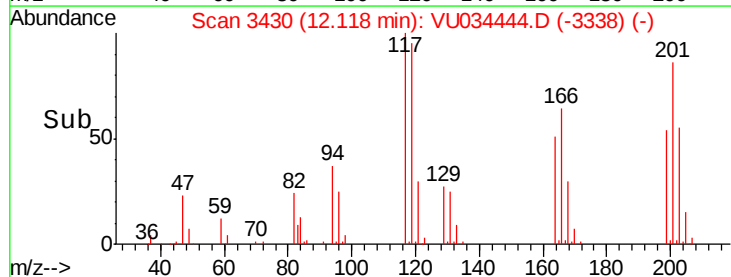
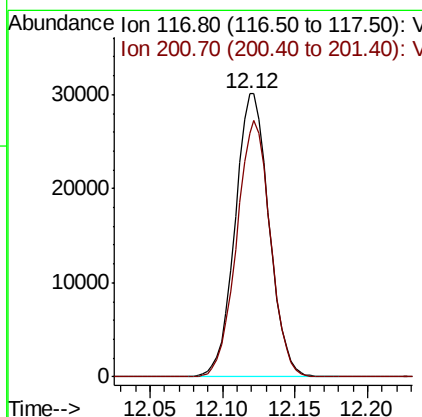
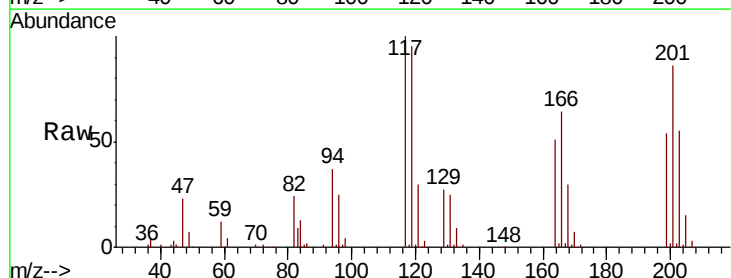
Instrument :
MSVOA_U
ClientSampleId :
VU0910WBSD01

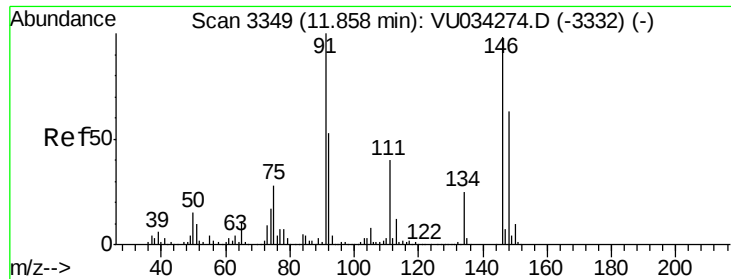
Tgt Ion: 91 Resp: 260399
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.4
134 25.9 13.2 39.6



#90
Hexachloroethane
Concen: 21.142 ug/l
RT: 12.12 min Scan# 3430
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Tgt Ion: 117 Resp: 48930
Ion Ratio Lower Upper
117 100
201 89.7 44.1 132.4

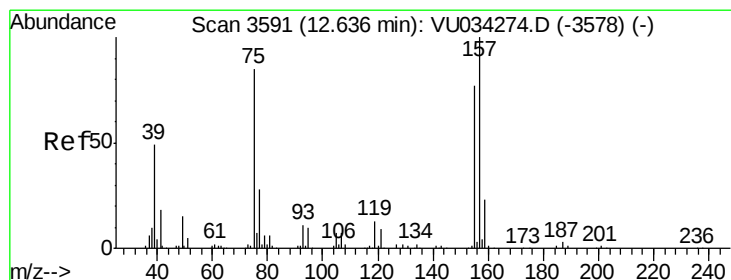
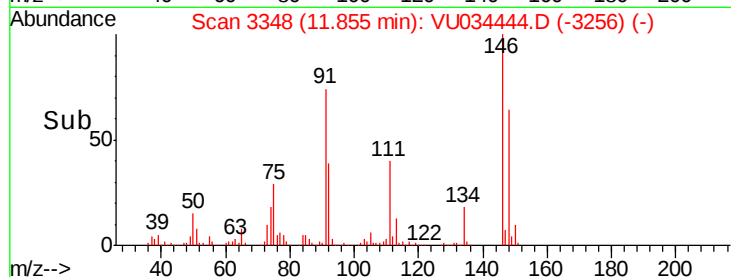
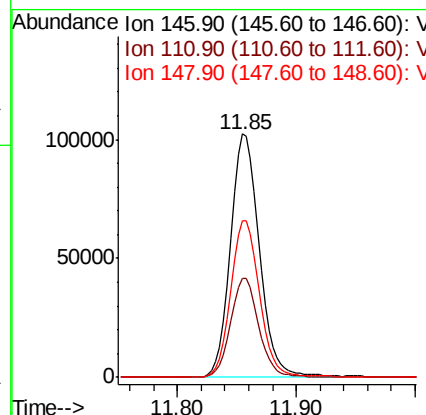
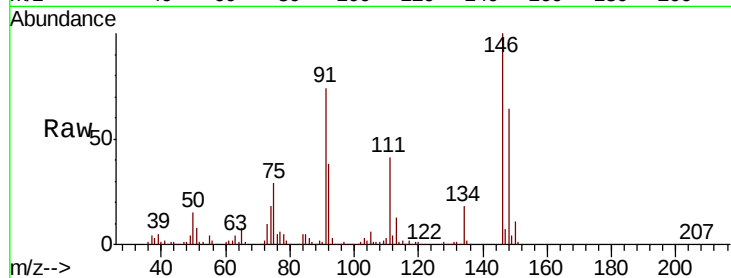




#91
 1,2-Dichlorobenzene
 Concen: 21.589 ug/l
 RT: 11.85 min Scan# 3348
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

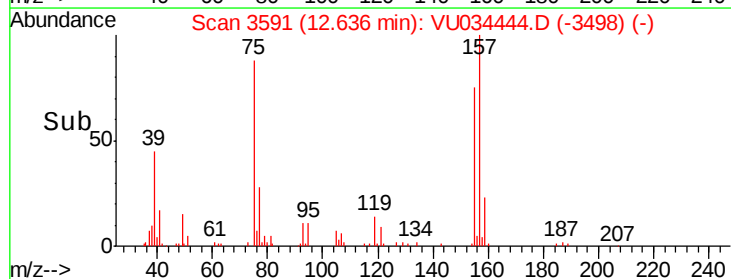
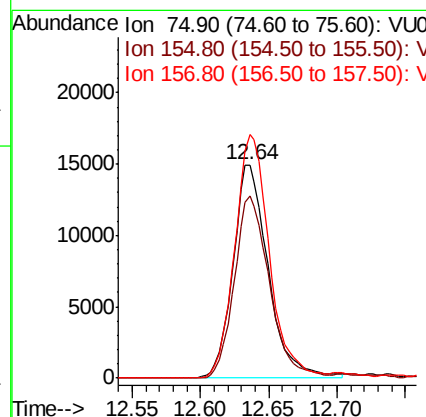
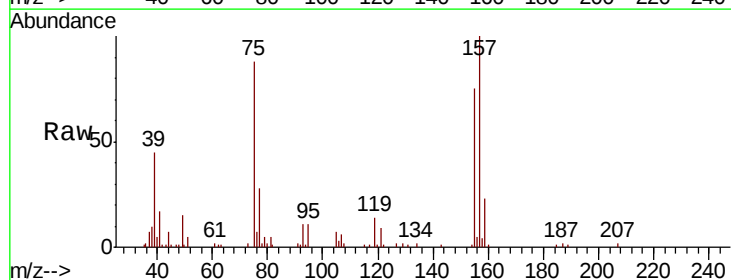
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

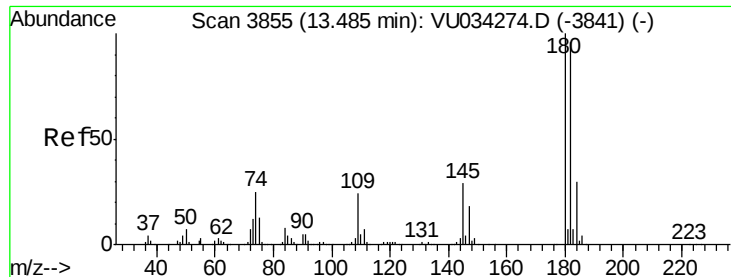
Tgt Ion:146 Resp: 171773
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 64.9 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.746 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion: 75 Resp: 26845
 Ion Ratio Lower Upper
 75 100
 155 84.8 44.6 134.0
 157 111.9 58.2 174.6

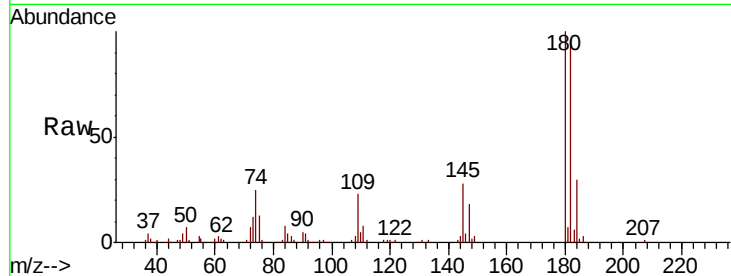




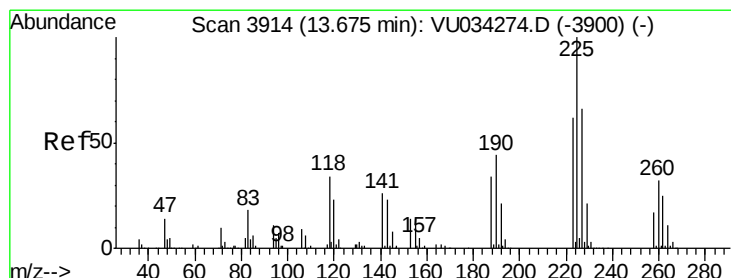
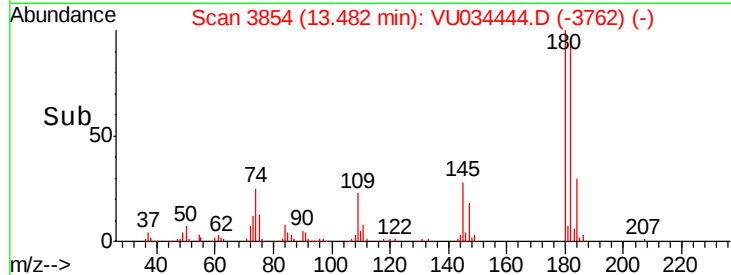
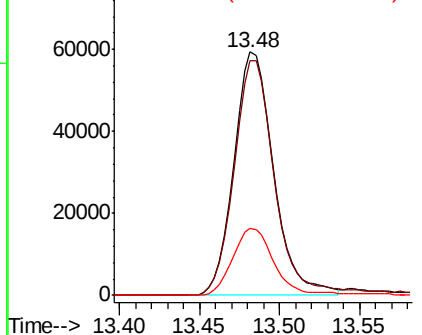
#93
 1,2,4-Trichlorobenzene
 Concen: 19.662 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0910WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	47.9	143.8
145	28.9	14.4	43.0

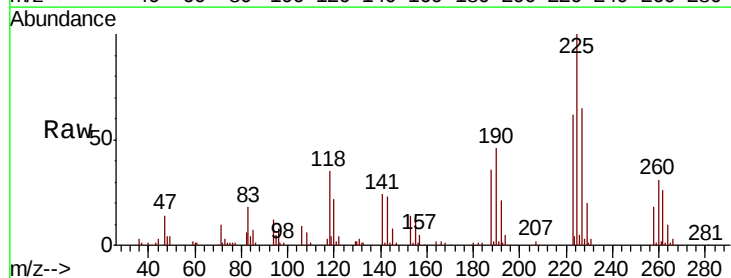


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

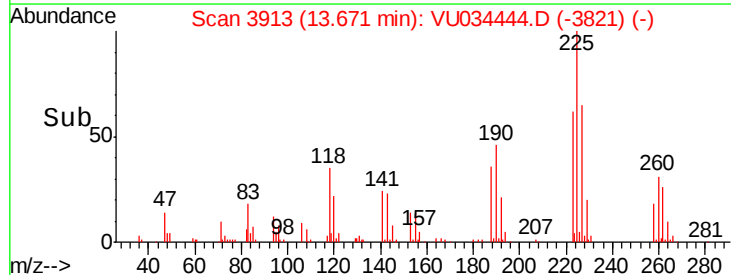
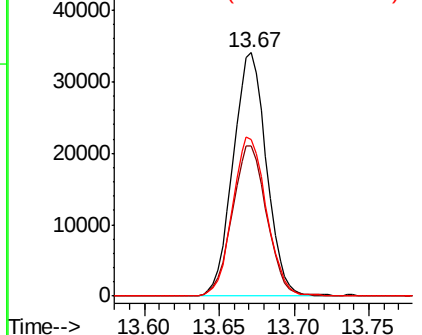


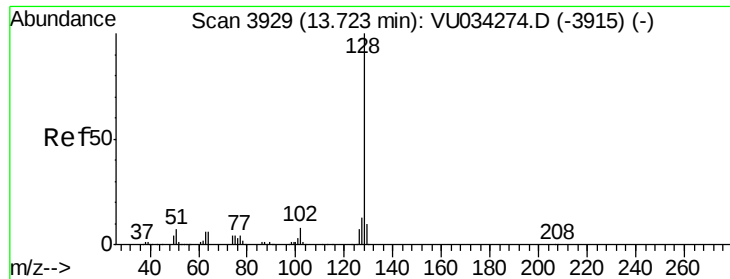
#94
 Hexachlorobutadiene
 Concen: 19.101 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034444.D
 Acq: 10 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.6	94.7
227	66.2	32.3	96.8



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

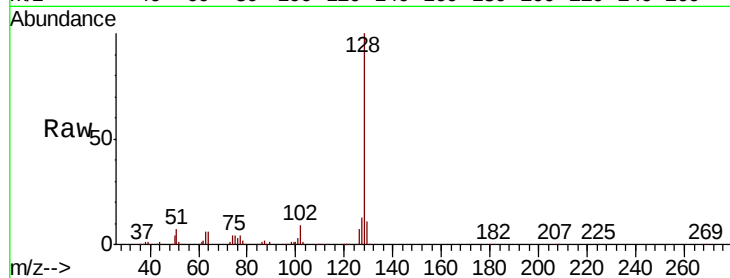




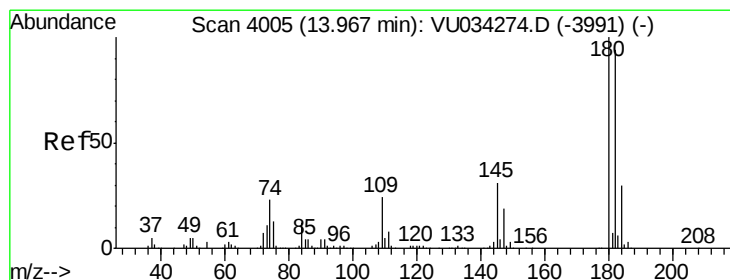
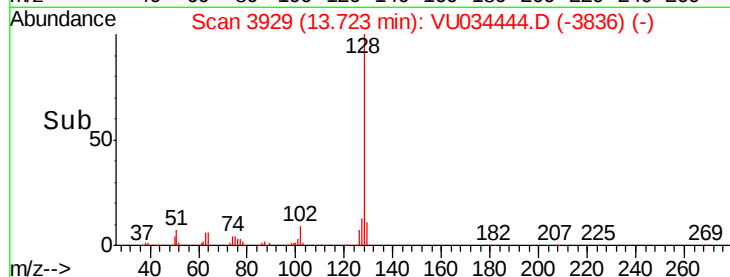
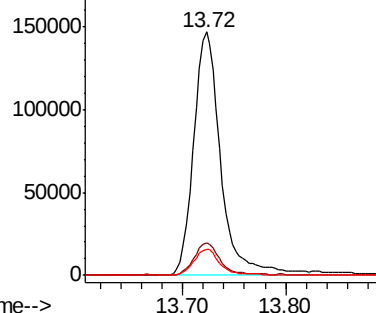
#95
Naphthalene
Concen: 19.307 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. -0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0910WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.0	8.4	12.6

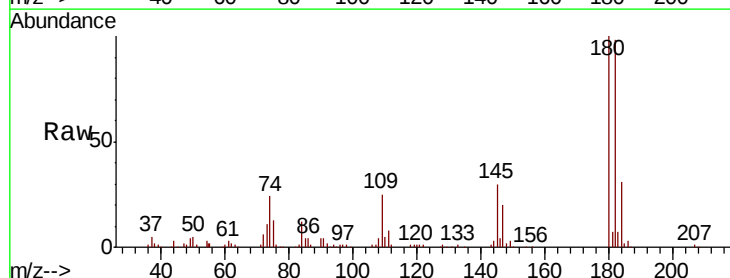


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.746 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. 0.00 min
Lab File: VU034444.D
Acq: 10 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.4	145.0
145	29.1	15.4	46.4



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

