

Data File : VU029999.D

Acq On : 12 Mar 2019 09:50

Operator : JC/SP

Sample : VSTDIC0.5

Misc : 25.0mL/MSVOA_U/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Quant Time: Mar 13 04:03:59 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Wed Mar 13 04:00:32 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	61503	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	24127	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	25229	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	12556	0.557 ug/l	99
3) Chloromethane	1.33	50	13807	0.540 ug/l	93
4) Vinyl Chloride	1.40	62	11692	0.533 ug/l	93
5) Bromomethane	1.63	94	7633	0.609 ug/l	95
6) Chloroethane	1.70	64	6365	0.503 ug/l	91
7) Trichlorofluoromethane	1.88	101	15715	0.552 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	8672	0.560 ug/l	98
9) 1,1-Dichloroethene	2.28	96	8308	0.541 ug/l	96
10) Iodomethane	2.41	142	6076	0.457 ug/l	97
11) Allyl Chloride	2.59	41	12167	0.561 ug/l	94
12) Acrylonitrile	2.93	53	3672	1.105 ug/l #	91
13) Acetone	2.32	43	9929	3.432 ug/l	96
14) Carbon Disulfide	2.48	76	30491	0.570 ug/l #	94
15) Methylene Chloride	2.69	84	11223	0.614 ug/l	94
16) trans-1,2-Dichloroethene	2.98	96	9476	0.535 ug/l	98
17) 1,1-Dichloroethane	3.44	63	15999	0.534 ug/l	98
18) 2-Butanone	4.28	43	10734	2.680 ug/l	97
19) Cyclohexane	4.98	56	11352	0.444 ug/l #	82
20) Methylcyclohexane	6.41	83	14876	0.525 ug/l	96
21) 2,2-Dichloropropane	4.22	77	14129	0.561 ug/l	95
22) cis-1,2-Dichloroethene	4.22	96	10380	0.527 ug/l	99
23) Diethyl Ether	2.10	59	6238	0.544 ug/l #	89
24) tert-Butyl Alcohol	2.83	59	6918	5.638 ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	20756	0.536 ug/l #	90
26) Bromochloromethane	4.54	128	4587	0.532 ug/l	96
27) Chloroform	4.67	83	18410	0.584 ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	13479	0.520 ug/l	97
29) 1,1-Dichloropropene	5.13	75	12662	0.536 ug/l	97
31) Isopropyl Ether	3.57	45	22988	0.545 ug/l	97
32) Ethyl-t-butyl ether	4.06	59	21369	0.526 ug/l	98
33) Tert-Amyl methyl ether	5.58	73	18722	0.504 ug/l	99
34) Propionitrile	4.33	54	1080	0.950 ug/l #	65
35) Benzene	5.39	78	36102	0.523 ug/l	97
36) 1,2-Dichloroethane	5.41	62	10221	0.553 ug/l	98
37) Trichloroethene	6.18	130	11079	0.557 ug/l	94
38) 1,2-Dichloropropane	6.43	63	9062	0.516 ug/l	95
39) Methacrylonitrile	4.55	41	2591	0.532 ug/l #	83
40) Methyl acrylate	4.44	55	3830	0.498 ug/l #	87
41) Tetrahydrofuran	4.65	42	3183	1.182 ug/l #	89
42) 1-Chlorobutane	5.06	56	16246	0.525 ug/l	96
43) Dibromomethane	6.56	93	4814	0.530 ug/l	98

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Quant Time: Mar 13 04:03:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	6.76	83	11269	0.520	ug/l #	94
45) 4-Methyl-2-Pentanone	7.46	43	22730	2.532	ug/l	97
46) t-1,4-Dichloro-2-butene	10.49	75	5367	1.538	ug/l #	72
47) Methyl methacrylate	6.63	69	7186	0.944	ug/l	92
48) Ethyl methacrylate	8.02	69	6078	0.423	ug/l	82
49) Toluene	7.64	92	20521	0.493	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	9108	0.469	ug/l	95
51) cis-1,3-Dichloropropene	7.27	75	12305	0.504	ug/l	95
52) 1,1,2-Trichloroethane	8.07	97	6524	0.508	ug/l	94
53) 1,3-Dichloropropane	8.24	76	10887	0.507	ug/l	95
54) 2-Hexanone	8.37	43	17662	2.731	ug/l	94
55) Dibromochloromethane	8.47	129	7846	0.508	ug/l	98
56) 1,2-Dibromoethane	8.58	107	6441	0.521	ug/l	94
58) Tetrachloroethene	8.22	164	9649	0.534	ug/l	97
59) Chlorobenzene	9.12	112	24396	0.513	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	9226	0.549	ug/l	97
61) Pentachloroethane	11.10	117	6651	0.513	ug/l	94
62) Hexachloroethane	12.14	117	6708	0.514	ug/l	92
63) Ethyl Benzene	9.25	91	38530	0.493	ug/l	96
64) m/p-Xylenes	9.37	106	29020	0.944	ug/l	98
65) o-Xylene	9.77	106	14550	0.483	ug/l	98
66) Styrene	9.79	104	22287	0.451	ug/l	99
67) Bromoform	9.96	173	4262	0.483	ug/l	93
69) Isopropylbenzene	10.16	105	38450	0.489	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	8278	0.523	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	5367	0.457	ug/l #	95
72) Bromobenzene	10.45	156	10247	0.497	ug/l	97
73) n-propylbenzene	10.58	120	10490	0.471	ug/l	96
74) 2-Chlorotoluene	10.66	126	9622	0.493	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	31267	0.467	ug/l	100
76) 4-Chlorotoluene	10.77	126	9791	0.491	ug/l	90
77) tert-Butylbenzene	11.10	119	31332	0.478	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	31525	0.463	ug/l	99
79) sec-Butylbenzene	11.32	105	40729	0.464	ug/l	100
80) Nitrobenzene	12.89	77	296	1.001	ug/l #	39
81) p-Isopropyltoluene	11.47	119	33410	0.454	ug/l	97
82) 1,3-Dichlorobenzene	11.42	146	21213	0.510	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	21864	0.523	ug/l	97
84) n-Butylbenzene	11.89	91	32033	0.466	ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	20024	0.517	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.65	75	1138	0.499	ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	14321	0.512	ug/l	96
88) Hexachlorobutadiene	13.69	225	7856	0.518	ug/l	97
89) Naphthalene	13.75	128	19009	0.434	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	12605	0.498	ug/l	96

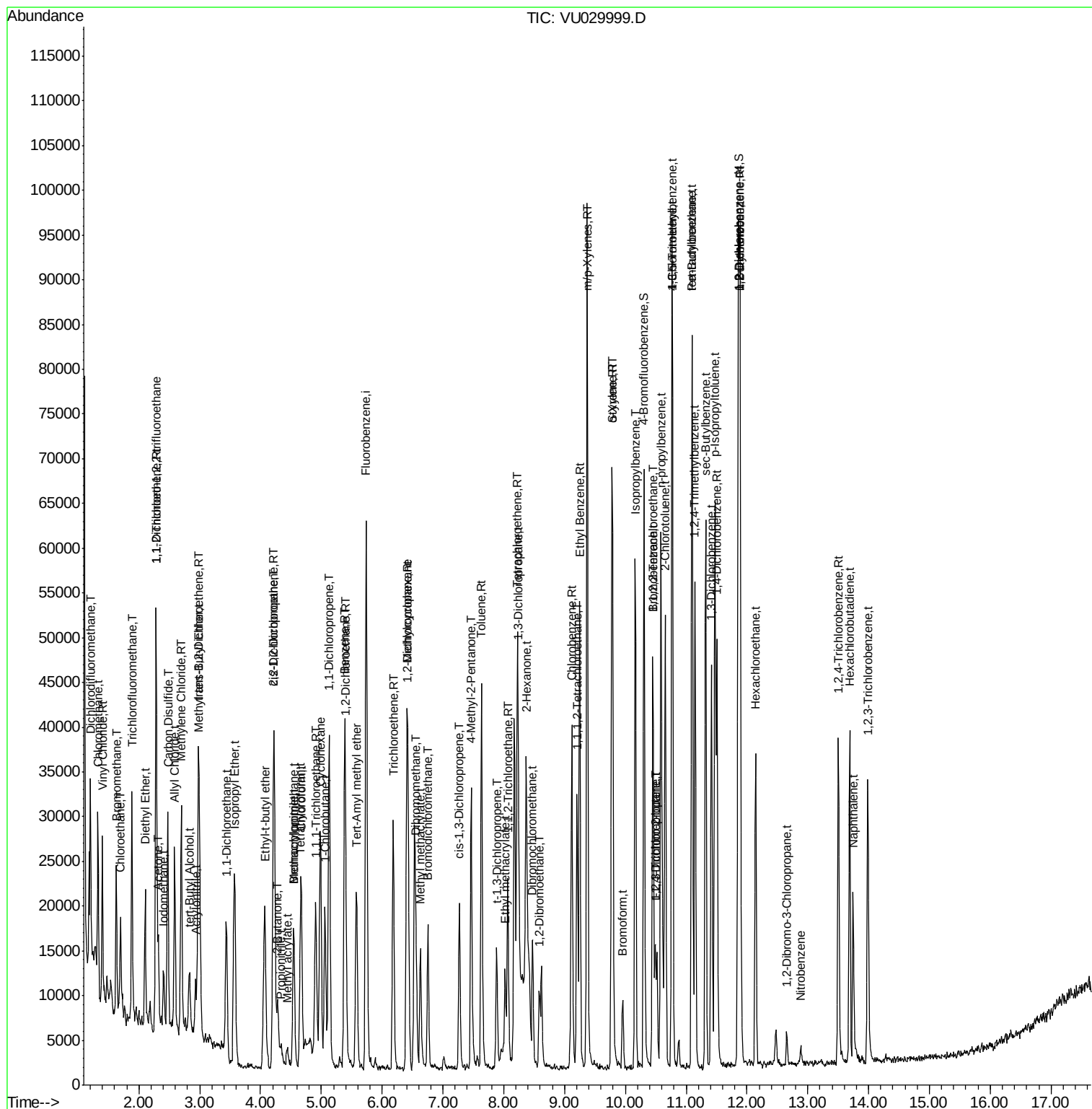
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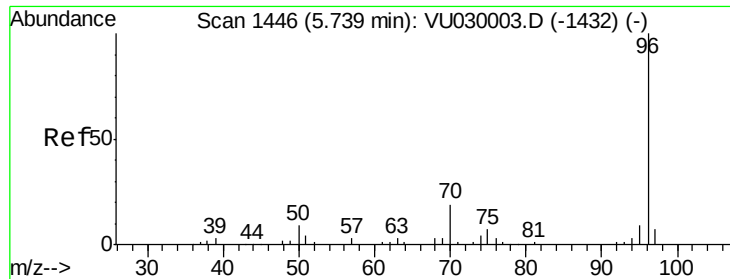
Data File : VU029999.D

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Acq On       : 12 Mar 2019   09:50
Operator     : JC/SP
Sample       : VSTDICC0.5
Misc         : 25.0mL/MSV0A_U/WATER
ALS Vial     : 2      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Quant Time: Mar 13 04:03:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 96 Resp: 61503

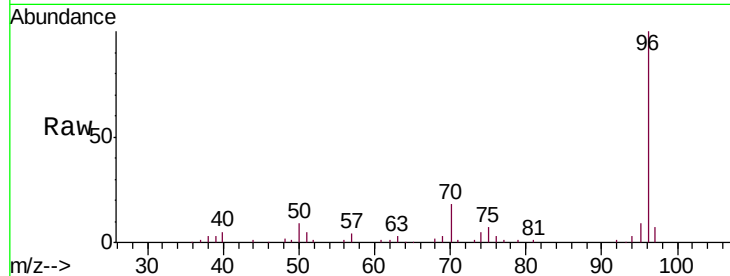
Ion Ratio Lower Upper

96 100

70 18.7 15.5 23.3

95 9.2 6.6 9.8

97 6.9 0.0 0.0#

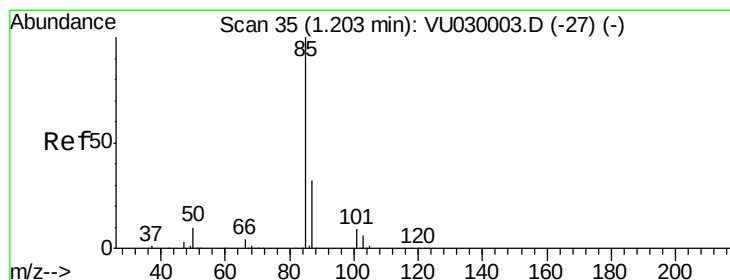
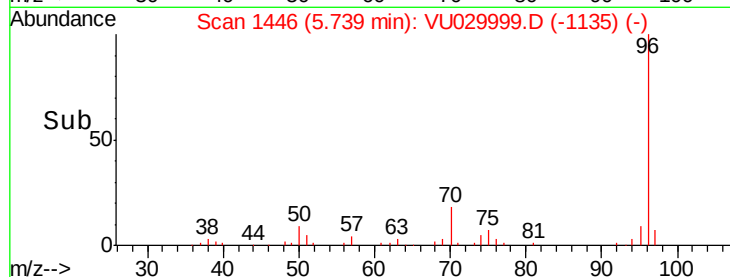
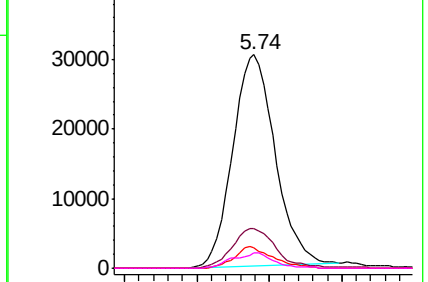


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 0.557 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU029999.D

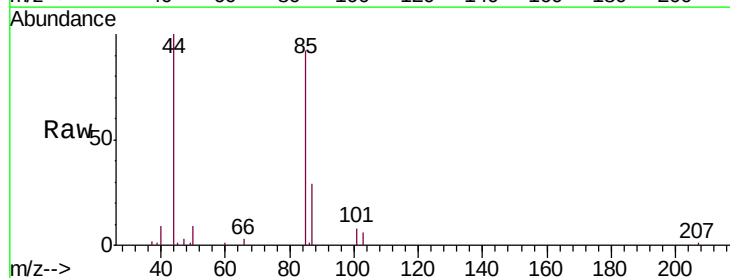
Acq: 12 Mar 2019 09:50

Tgt Ion: 85 Resp: 12556

Ion Ratio Lower Upper

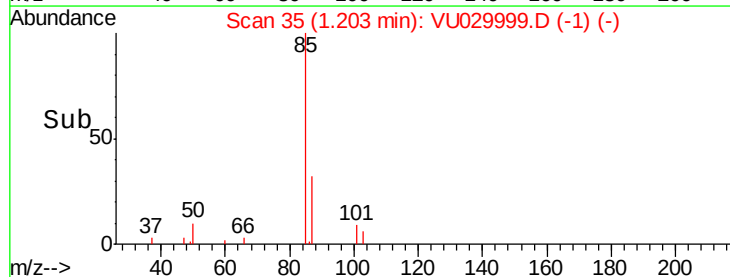
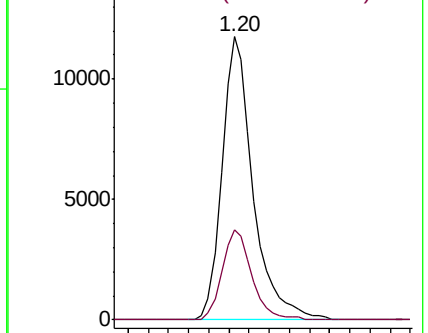
85 100

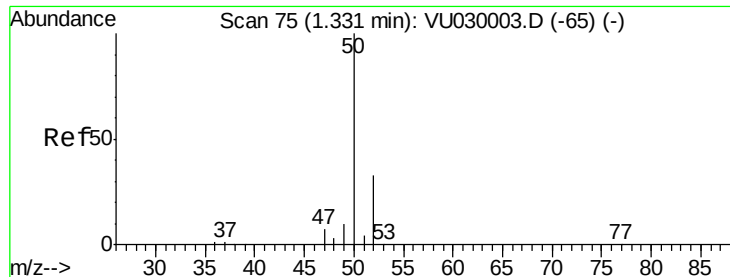
87 31.8 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 0.540 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

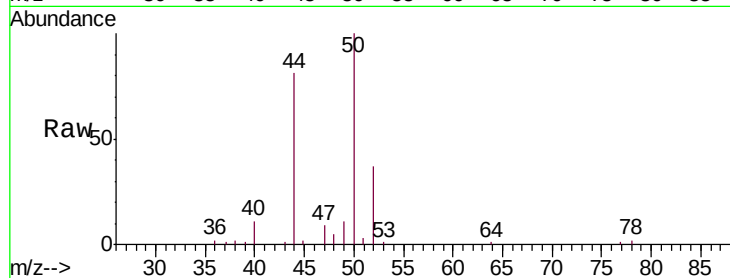
VSTDIC0.5

Tgt Ion: 50 Resp: 13807

Ion Ratio Lower Upper

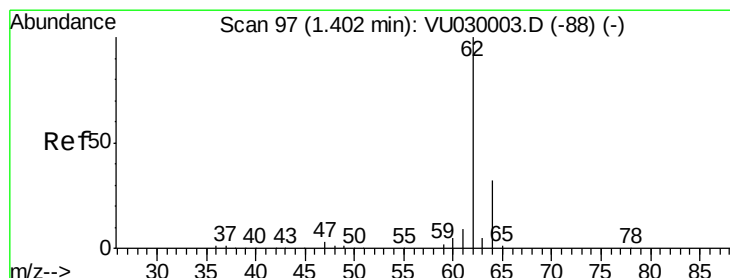
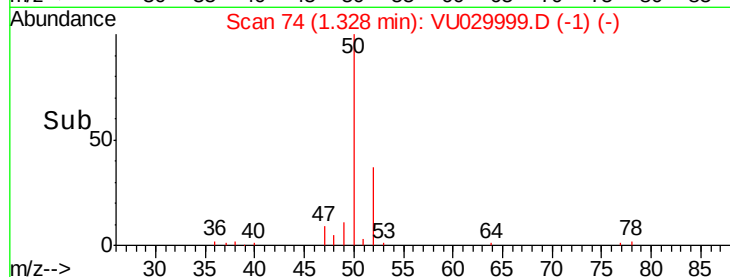
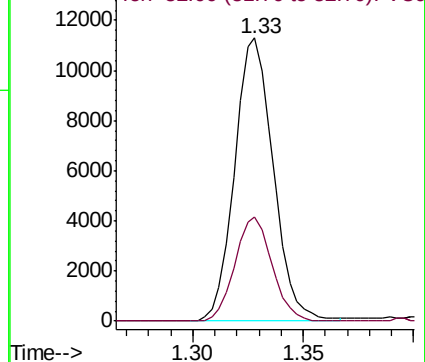
50 100

52 36.7 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 0.533 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU029999.D

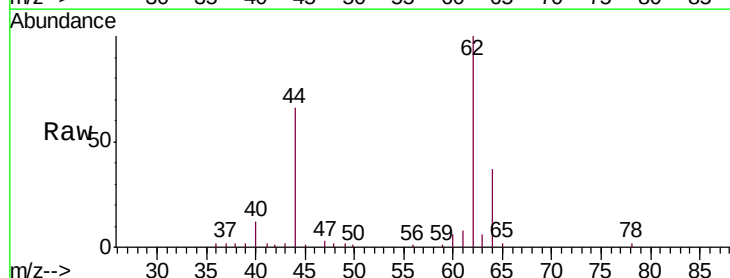
Acq: 12 Mar 2019 09:50

Tgt Ion: 62 Resp: 11692

Ion Ratio Lower Upper

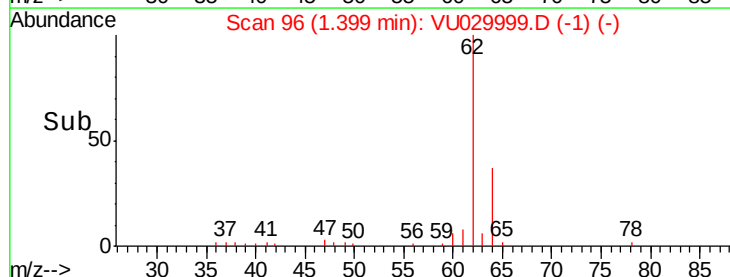
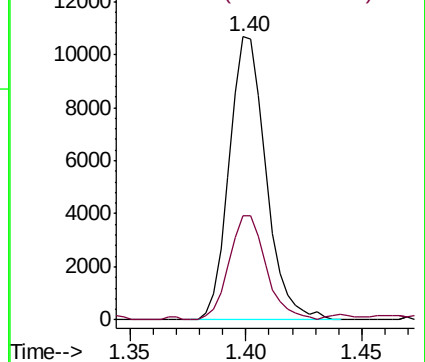
62 100

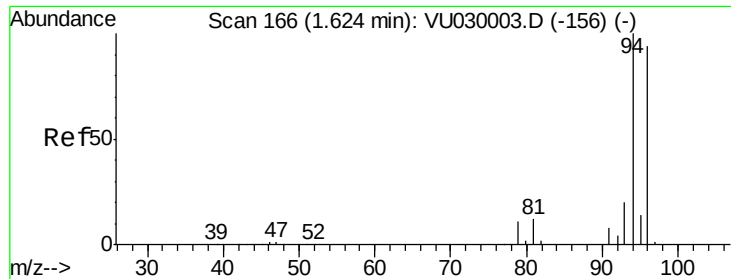
64 36.6 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

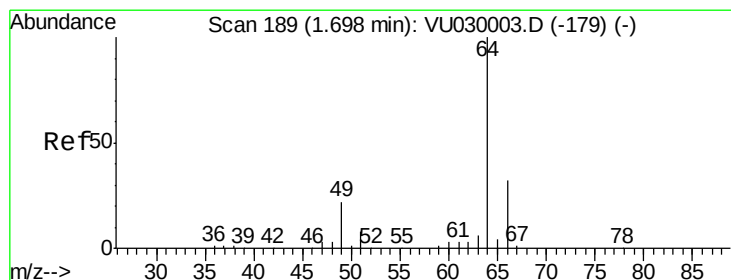
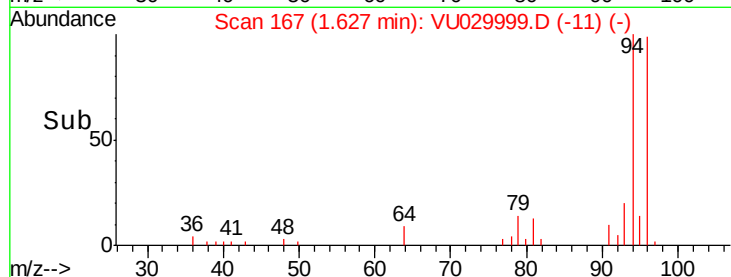
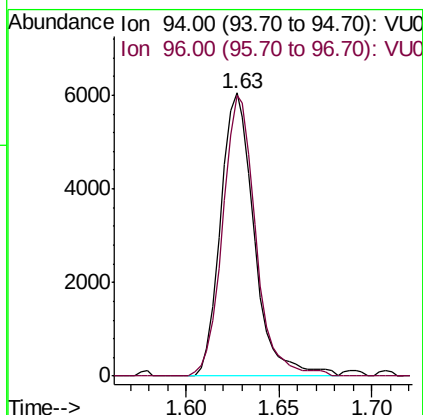
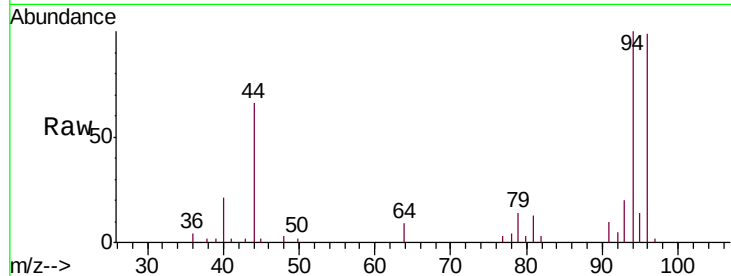




#5
Bromomethane
Concen: 0.609 ug/l
RT: 1.63 min Scan# 167
Delta R.T. 0.00 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

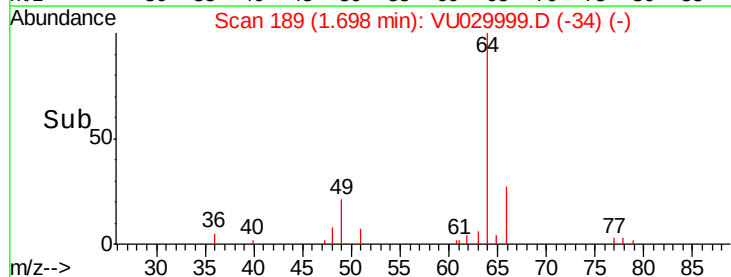
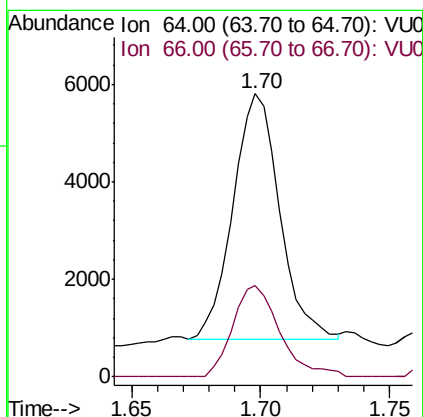
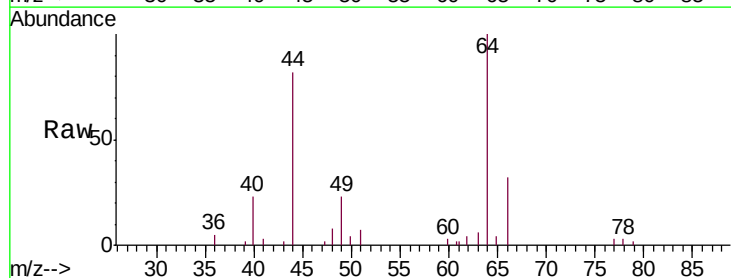
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

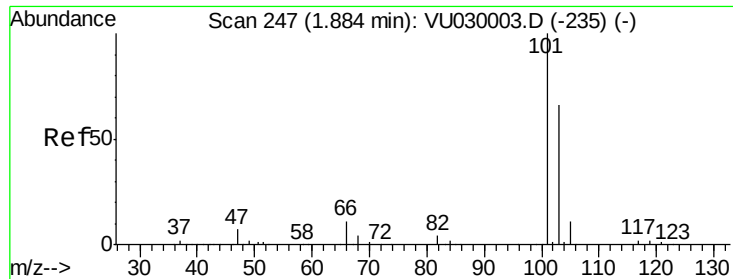
Tgt Ion: 94 Resp: 7633
Ion Ratio Lower Upper
94 100
96 99.1 75.2 112.8



#6
Chloroethane
Concen: 0.503 ug/l
RT: 1.70 min Scan# 189
Delta R.T. -0.00 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

Tgt Ion: 64 Resp: 6365
Ion Ratio Lower Upper
64 100
66 37.1 25.8 38.6





#7

Trichlorofluoromethane

Concen: 0.552 ug/l

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

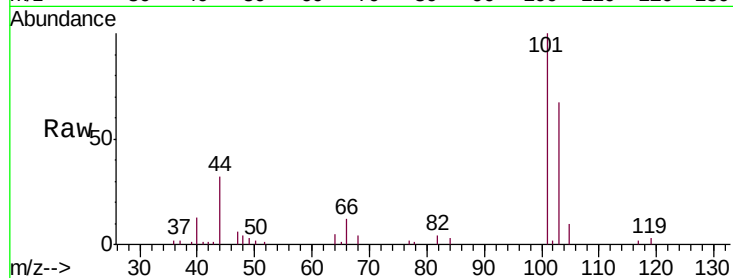
VSTDIC0.5

Tgt Ion:101 Resp: 15715

Ion Ratio Lower Upper

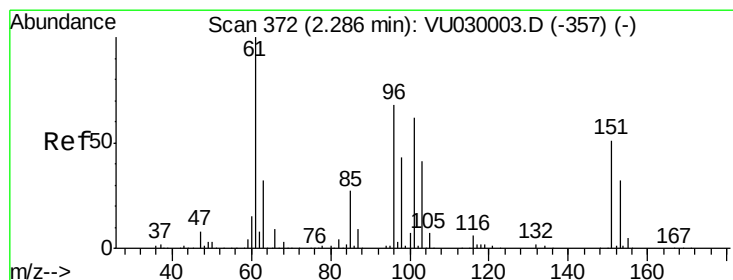
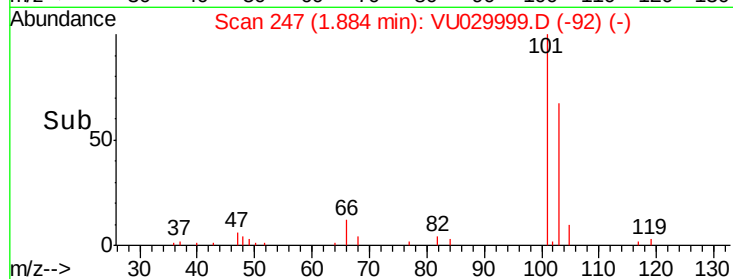
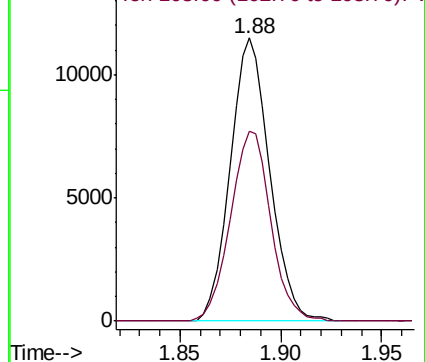
101 100

103 67.0 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.560 ug/l

RT: 2.29 min Scan# 372

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

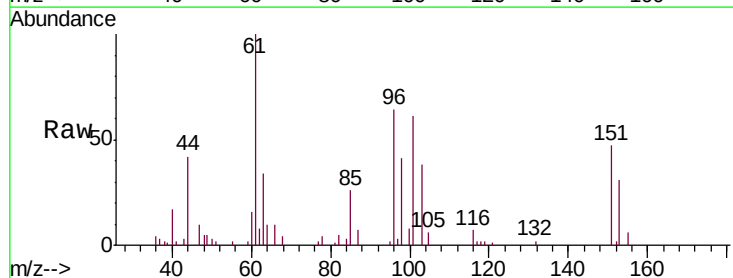
Tgt Ion:101 Resp: 8672

Ion Ratio Lower Upper

101 100

85 42.6 33.6 50.4

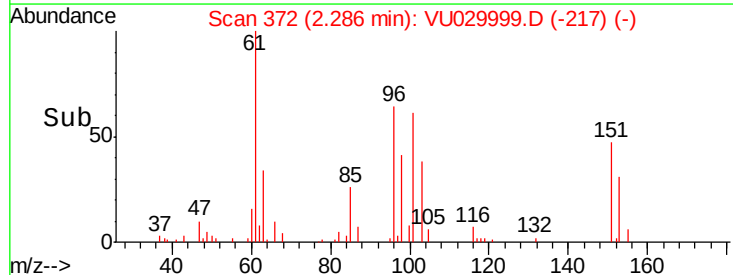
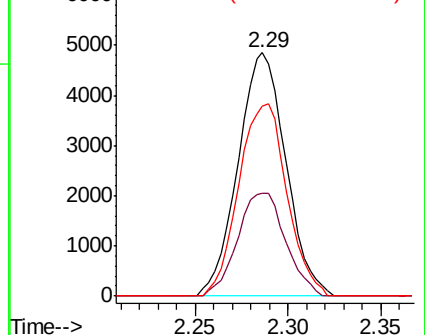
151 79.6 65.0 97.4

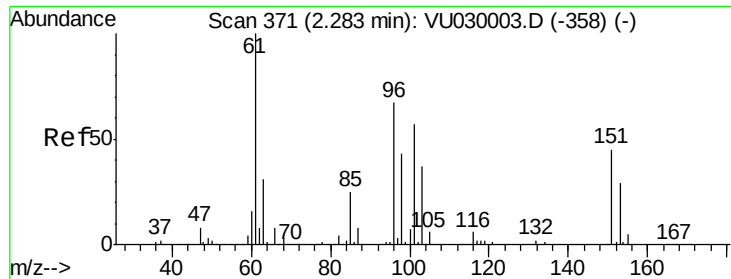


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 0.541 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

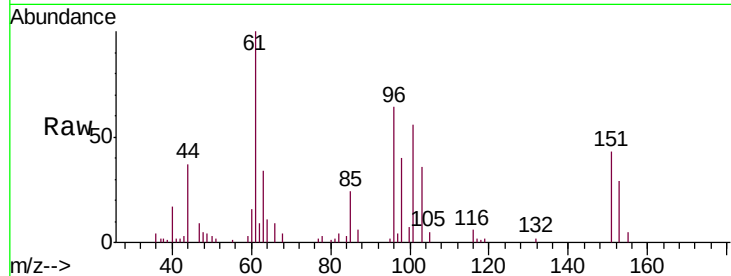
Tgt Ion: 96 Resp: 8308

Ion Ratio Lower Upper

96 100

61 155.7 0.0 447.0

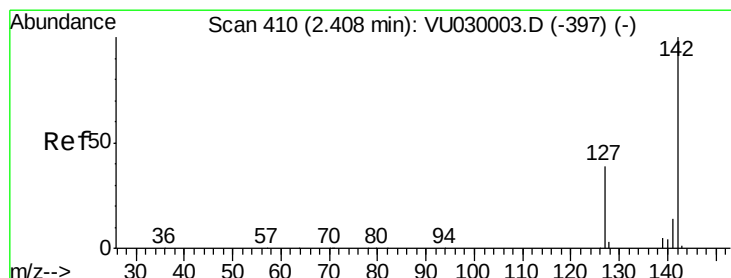
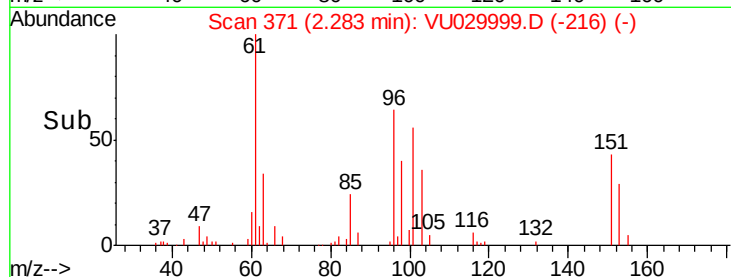
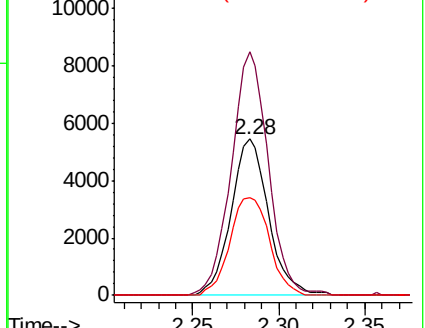
98 62.6 0.0 129.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 0.457 ug/l

RT: 2.41 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU029999.D

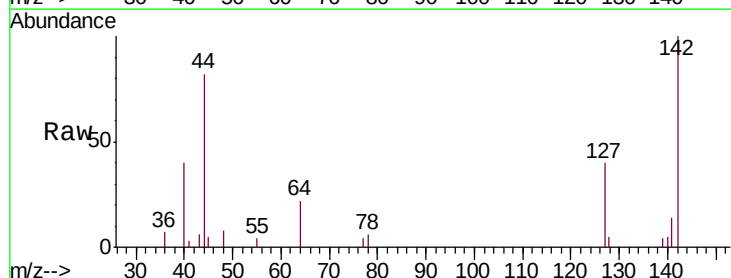
Acq: 12 Mar 2019 09:50

Tgt Ion: 142 Resp: 6076

Ion Ratio Lower Upper

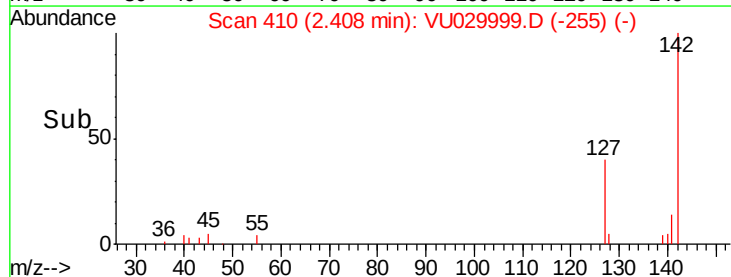
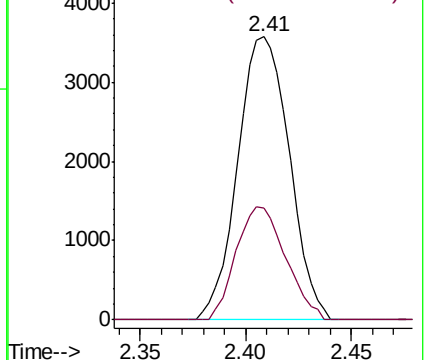
142 100

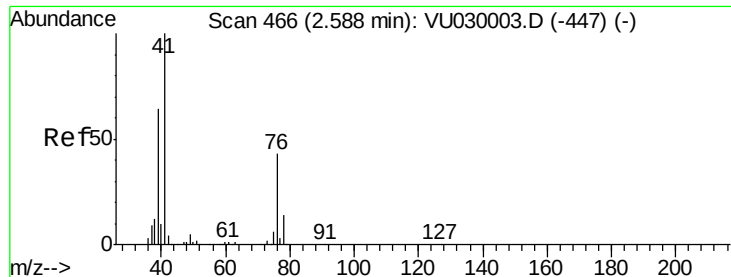
127 38.2 32.2 48.4



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

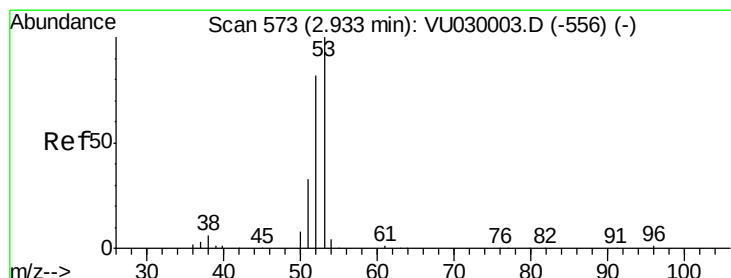
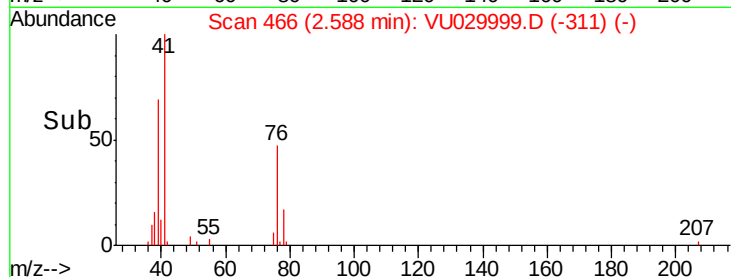
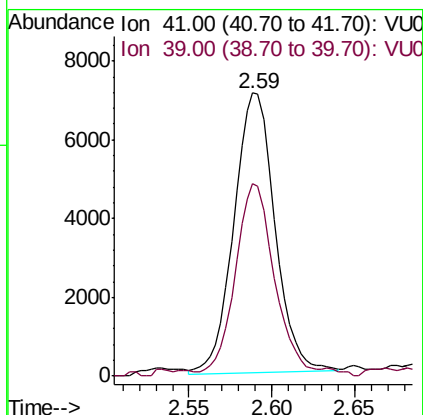
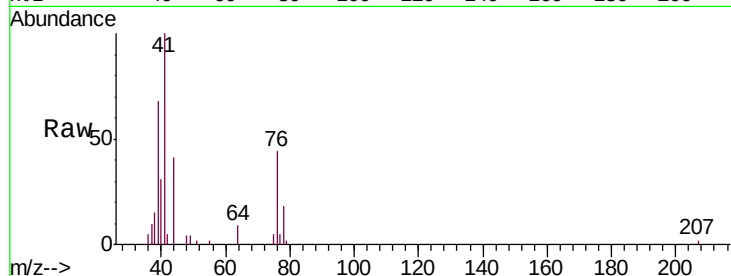




#11
 Allyl Chloride
 Concen: 0.561 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

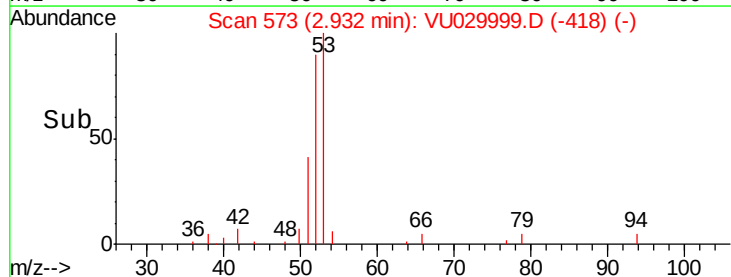
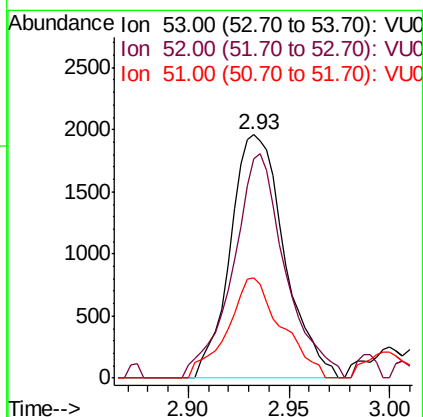
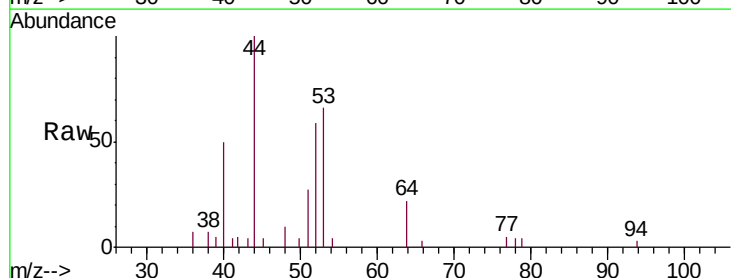
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

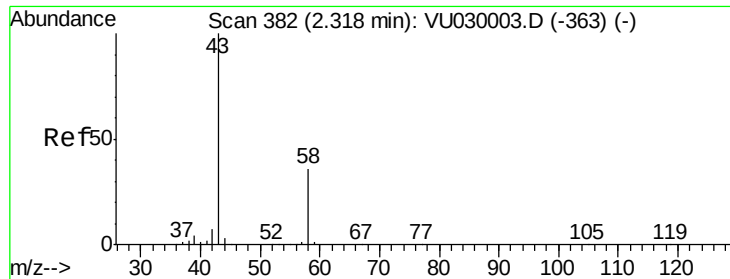
Tgt Ion: 41 Resp: 12167
 Ion Ratio Lower Upper
 41 100
 39 67.9 50.8 76.2



#12
 Acrylonitrile
 Concen: 1.105 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Tgt Ion: 53 Resp: 3672
 Ion Ratio Lower Upper
 53 100
 52 89.5 66.3 99.5
 51 41.2 26.9 40.3#





#13

Acetone

Concen: 3.432 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

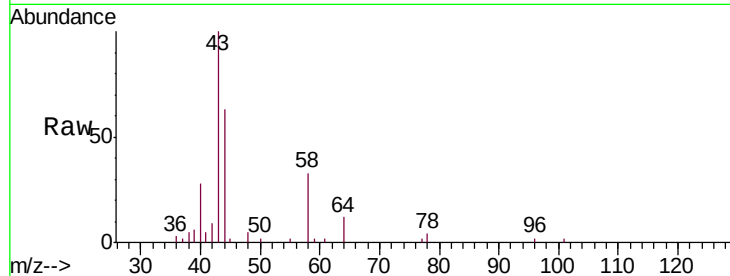
VSTDIC0.5

Tgt Ion: 43 Resp: 9929

Ion Ratio Lower Upper

43 100

58 33.2 28.6 43.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

6000

5000

4000

3000

2000

1000

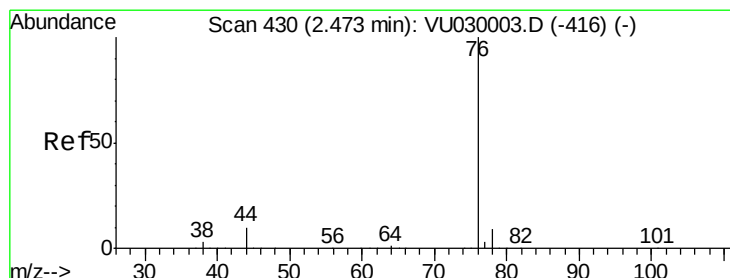
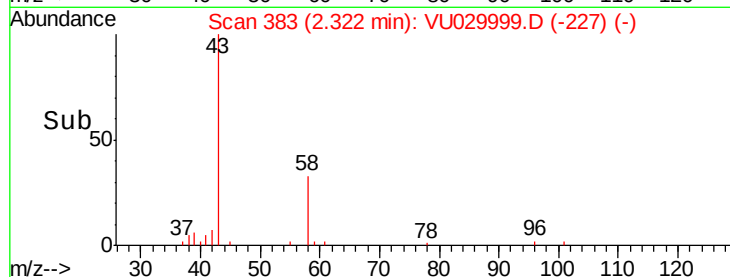
0

Time-->

2.20

2.30

2.40



#14

Carbon Disulfide

Concen: 0.570 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU029999.D

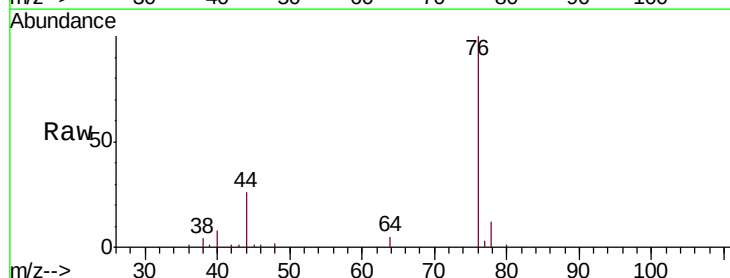
Acq: 12 Mar 2019 09:50

Tgt Ion: 76 Resp: 30491

Ion Ratio Lower Upper

76 100

78 11.6 7.4 11.2#



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

20000

15000

10000

5000

0

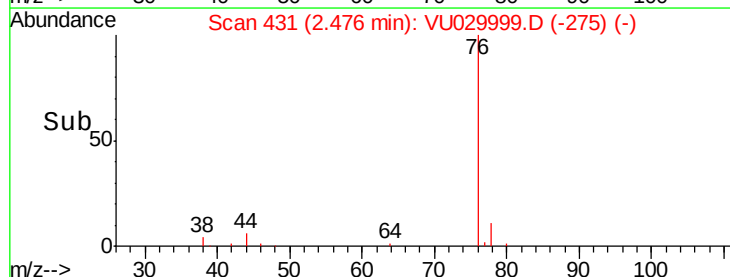
Time-->

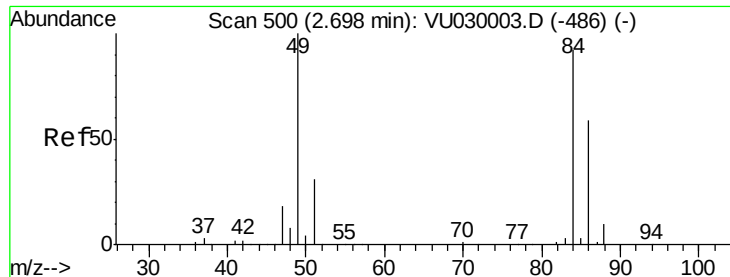
2.40

2.45

2.50

2.55





#15

Methylene Chloride

Concen: 0.614 ug/l

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 84 Resp: 11223

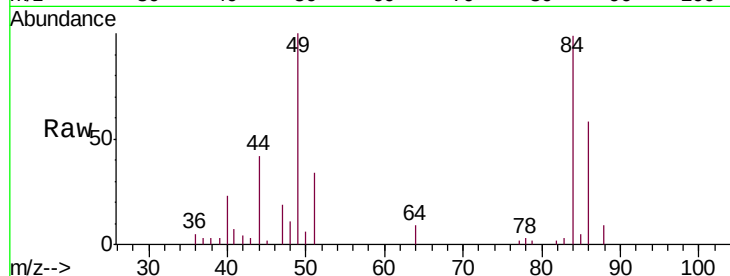
Ion Ratio Lower Upper

84 100

49 101.0 86.5 129.7

51 34.0 0.0 66.8

86 59.0 51.2 76.8

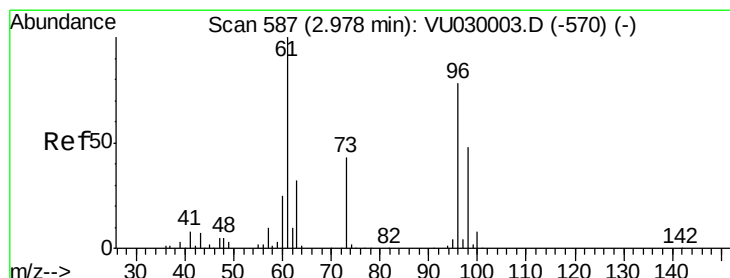
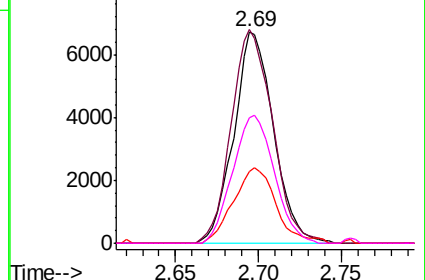
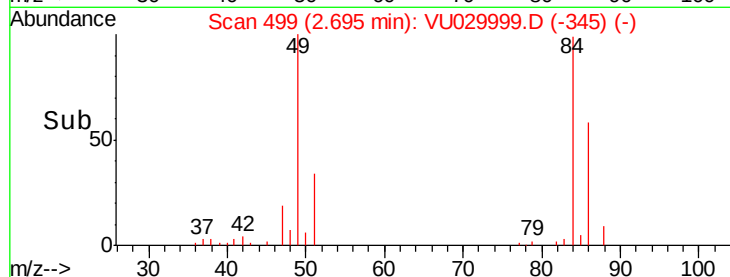


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 0.535 ug/l

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

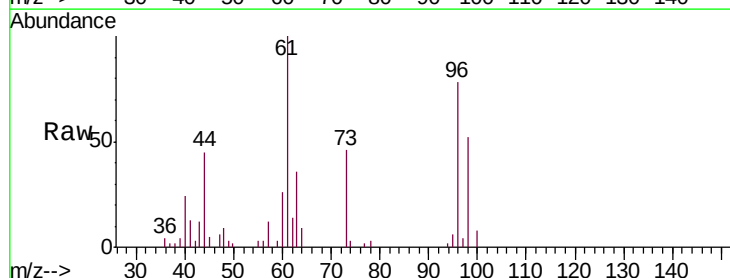
Tgt Ion: 96 Resp: 9476

Ion Ratio Lower Upper

96 100

61 127.5 103.0 154.6

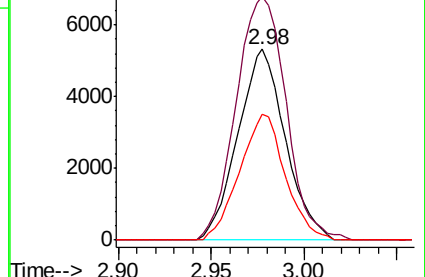
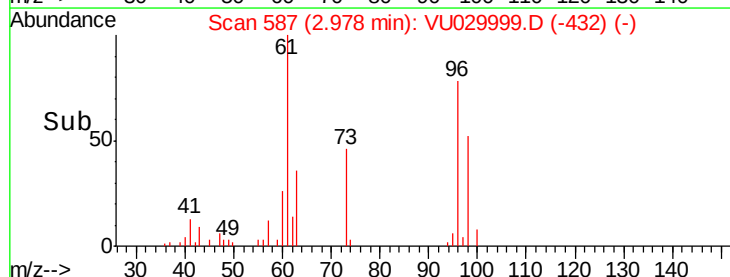
98 65.9 49.5 74.3

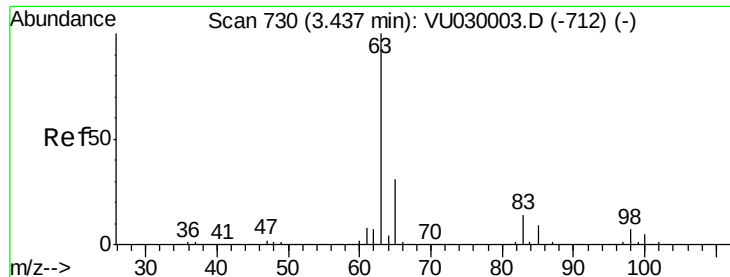


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 0.534 ug/l

RT: 3.44 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

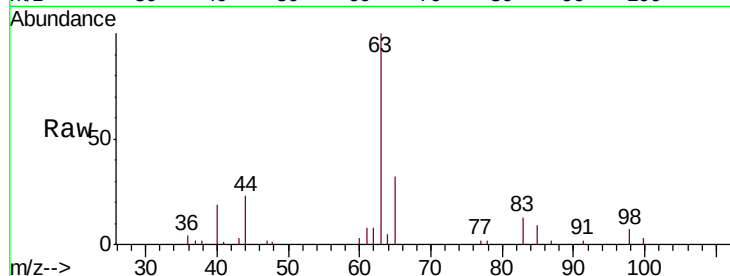
Tgt Ion: 63 Resp: 15999

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

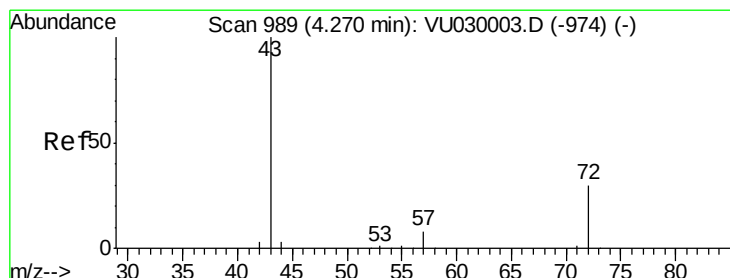
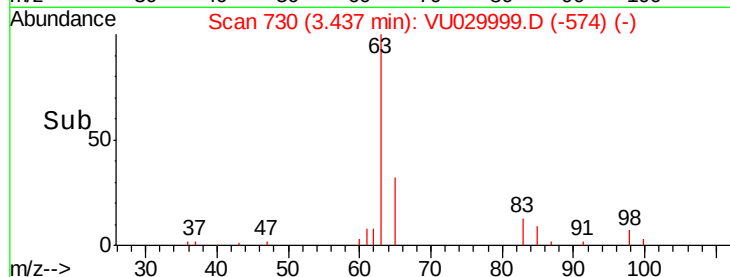
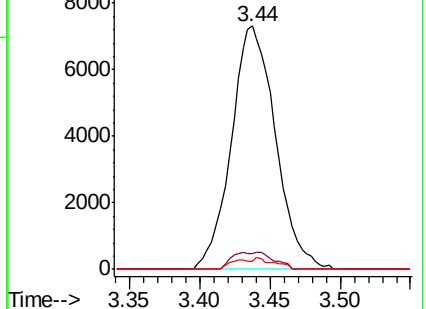
100 3.1 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VU030003.D (-712) (-)

Ion 98.00 (97.70 to 98.70): VU030003.D (-712) (-)

Ion 100.00 (99.70 to 100.70): VU030003.D (-712) (-)



#18

2-Butanone

Concen: 2.680 ug/l

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VU029999.D

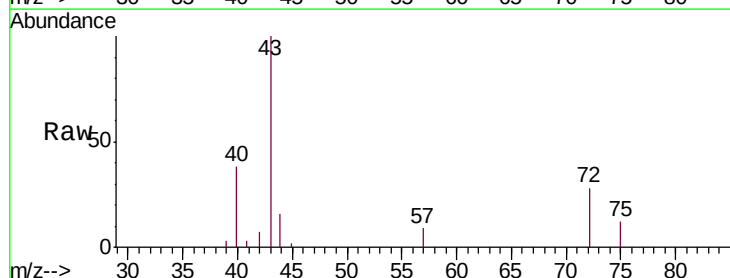
Acq: 12 Mar 2019 09:50

Tgt Ion: 43 Resp: 10734

Ion Ratio Lower Upper

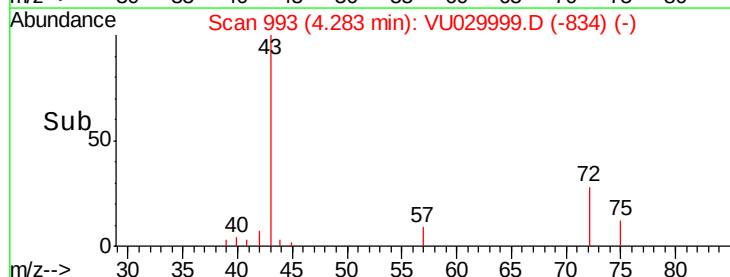
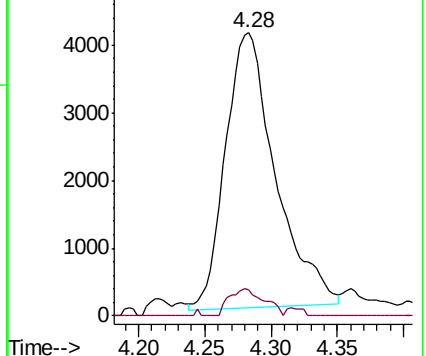
43 100

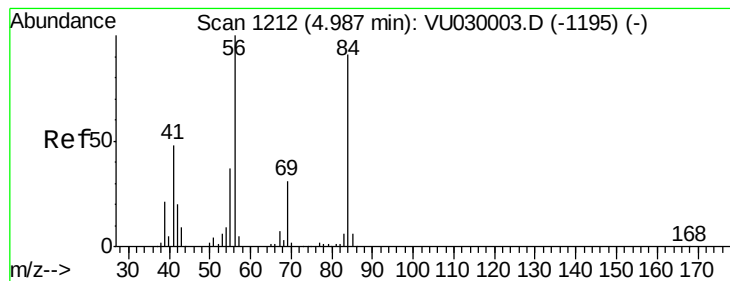
57 9.5 0.0 16.8



Abundance Ion 43.00 (42.70 to 43.70): VU030003.D (-974) (-)

Ion 57.00 (56.70 to 57.70): VU030003.D (-974) (-)





#19

Cyclohexane

Concen: 0.444 ug/l

RT: 4.98 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

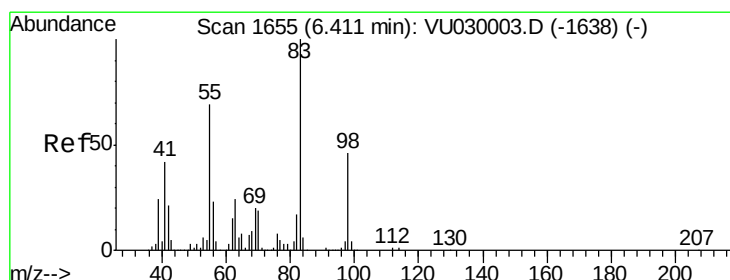
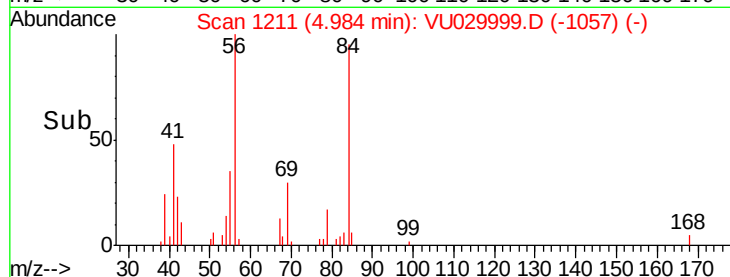
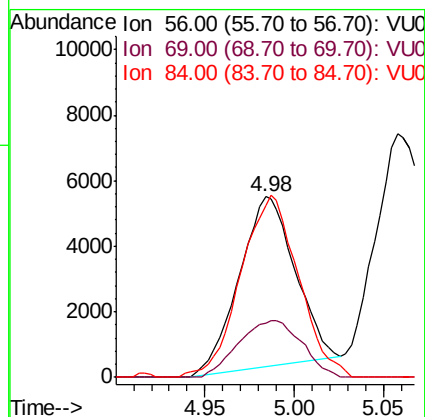
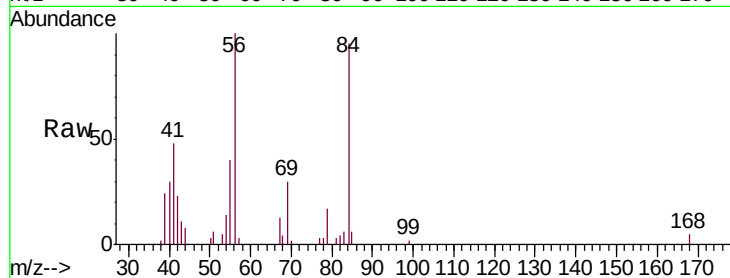
Tgt Ion: 56 Resp: 11352

Ion Ratio Lower Upper

56 100

69 37.8 25.7 38.5

84 110.9 72.9 109.3#



#20

Methylcyclohexane

Concen: 0.525 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

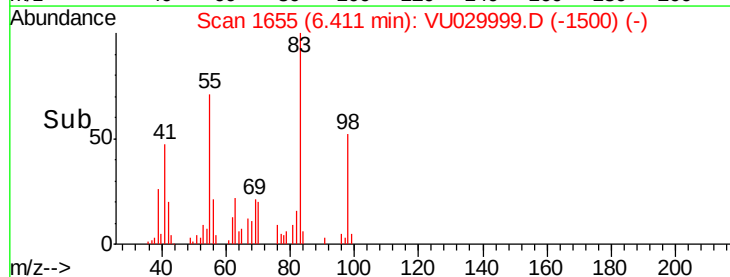
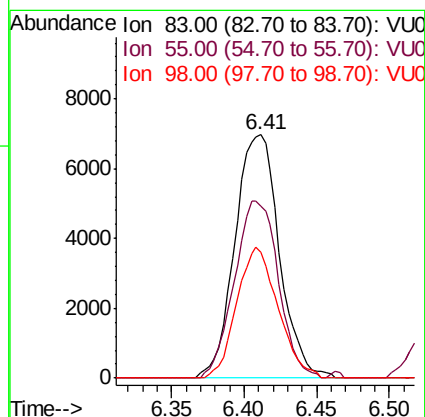
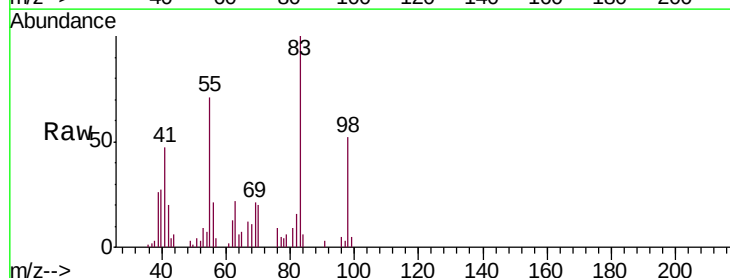
Tgt Ion: 83 Resp: 14876

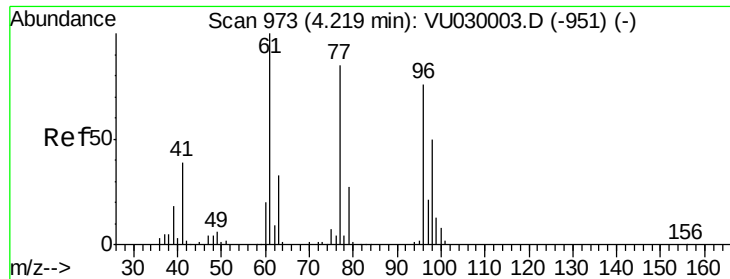
Ion Ratio Lower Upper

83 100

55 72.0 55.6 83.4

98 50.0 37.4 56.0

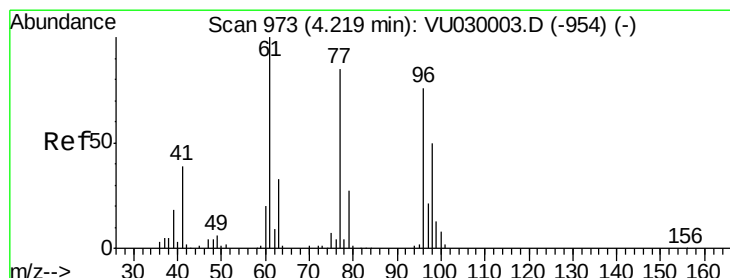
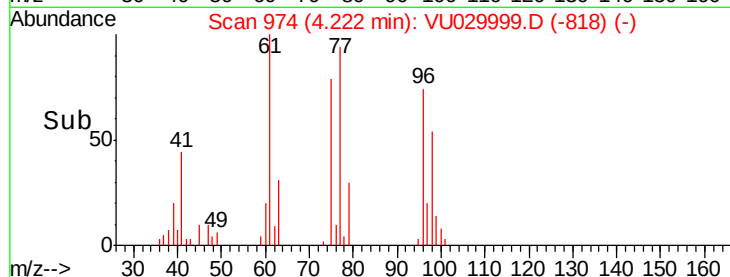
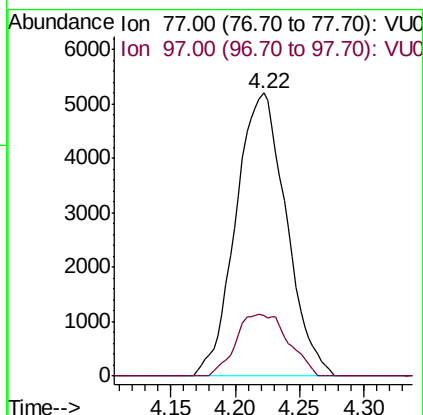
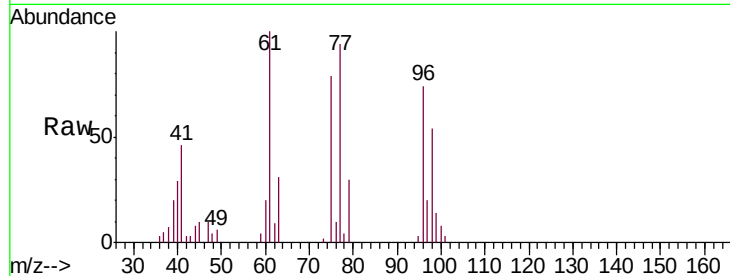




#21
 2,2-Dichloropropane
 Concen: 0.561 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

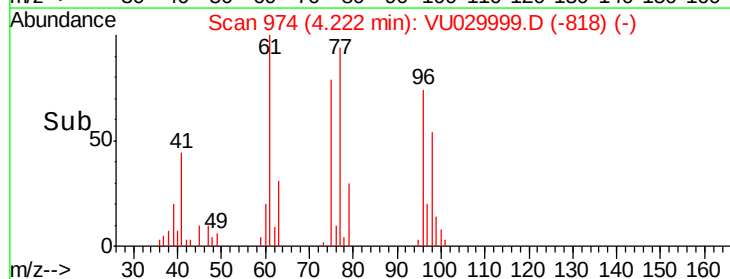
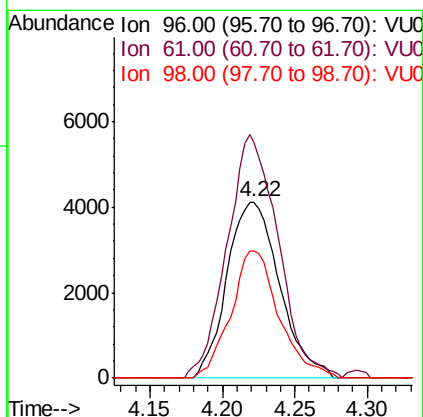
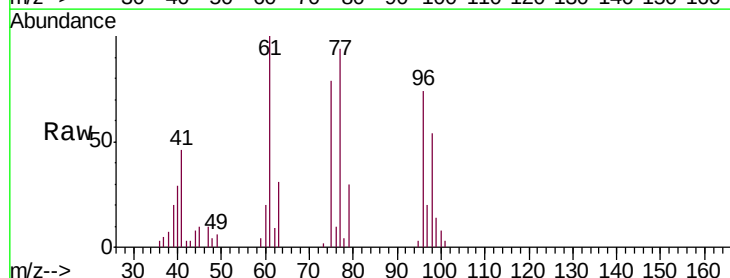
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

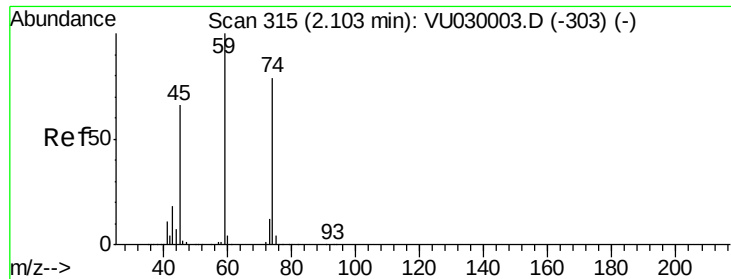
Tgt Ion: 77 Resp: 14129
 Ion Ratio Lower Upper
 77 100
 97 22.7 20.2 30.4



#22
 cis-1,2-Dichloroethene
 Concen: 0.527 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Tgt Ion: 96 Resp: 10380
 Ion Ratio Lower Upper
 96 100
 61 134.3 0.0 335.8
 98 66.3 32.6 97.7





#23

Diethyl Ether

Concen: 0.544 ug/l

RT: 2.10 min Scan# 315

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

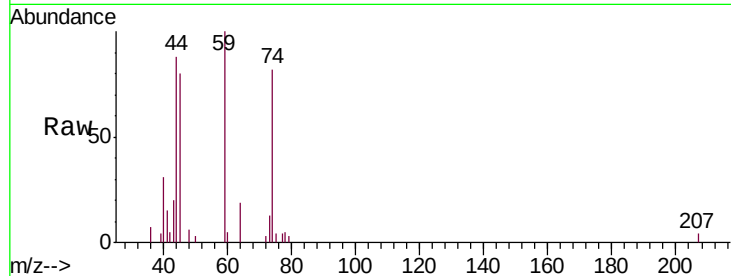
Tgt Ion: 59 Resp: 6238

Ion Ratio Lower Upper

59 100

45 80.1 52.3 78.5#

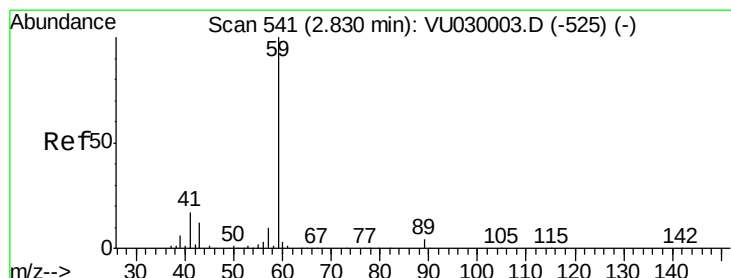
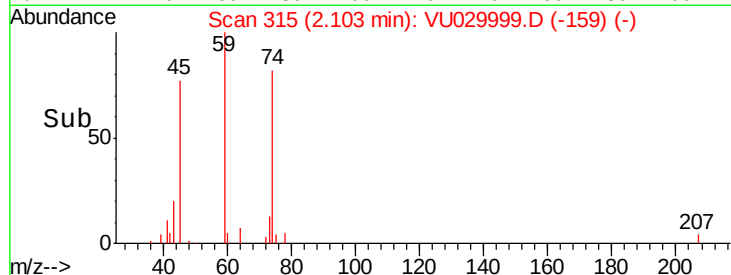
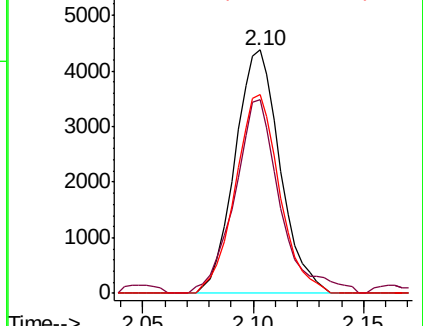
74 79.9 61.1 91.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 5.638 ug/l

RT: 2.83 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU029999.D

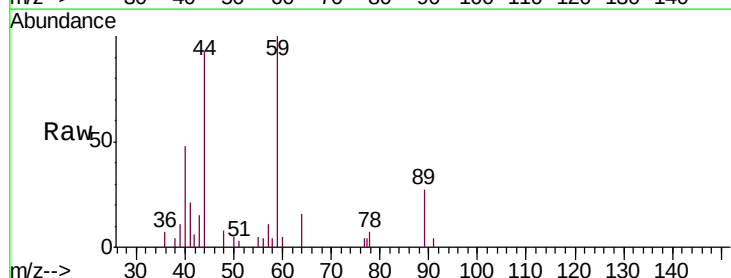
Acq: 12 Mar 2019 09:50

Tgt Ion: 59 Resp: 6918

Ion Ratio Lower Upper

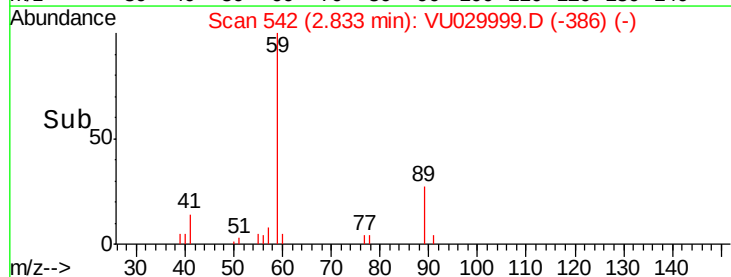
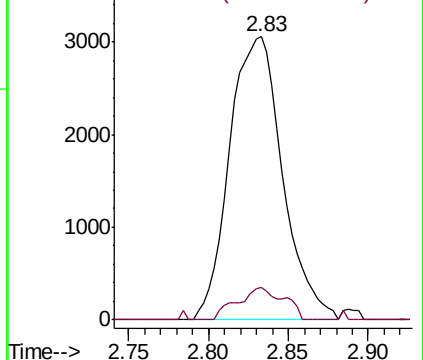
59 100

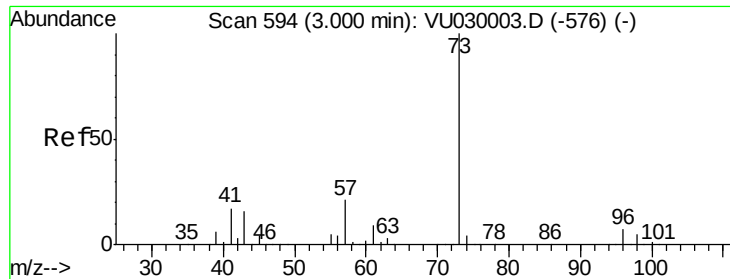
57 9.9 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 0.536 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

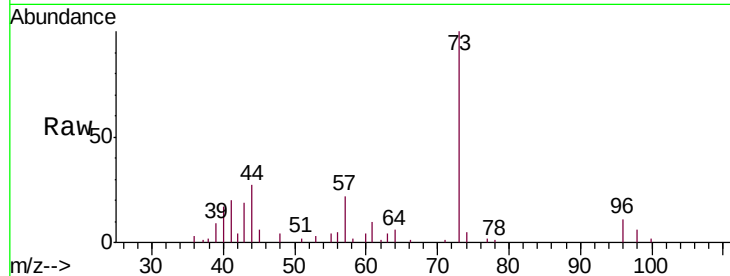
VSTDIC0.5

Tgt Ion: 73 Resp: 20756

Ion Ratio Lower Upper

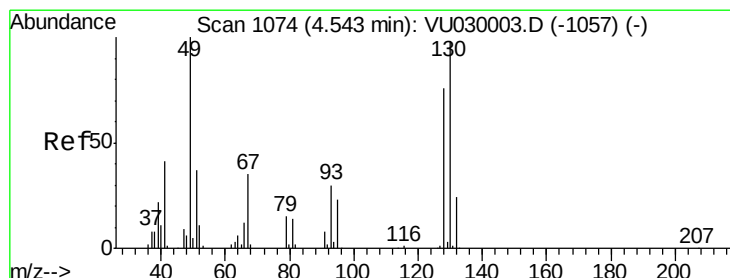
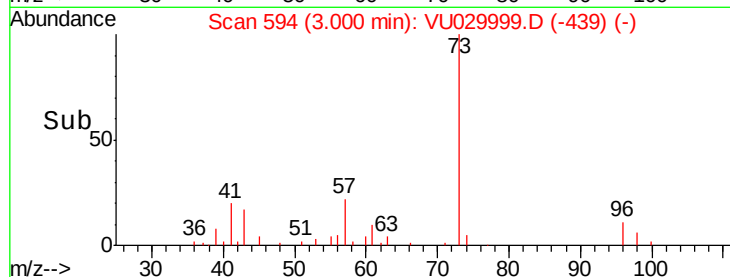
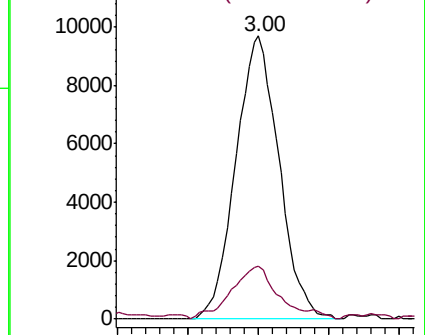
73 100

43 20.7 13.1 19.7#



Abundance Ion 73.00 (72.70 to 73.70): VU030003.D (-576) (-)

Ion 43.00 (42.70 to 43.70): VU030003.D (-576) (-)



#26

Bromochloromethane

Concen: 0.532 ug/l

RT: 4.54 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

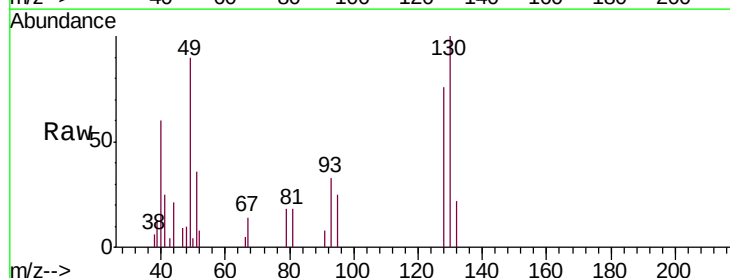
Tgt Ion: 128 Resp: 4587

Ion Ratio Lower Upper

128 100

49 136.8 0.0 270.4

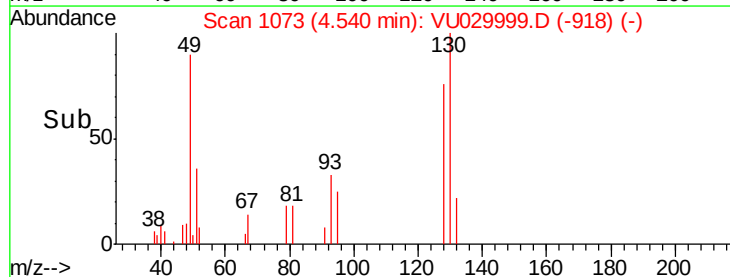
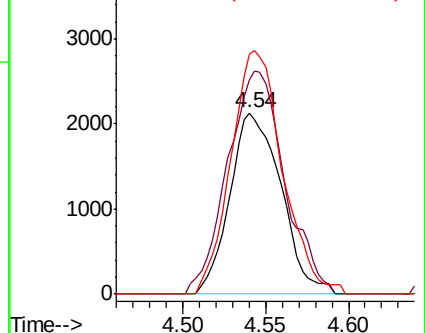
130 135.6 102.6 153.8

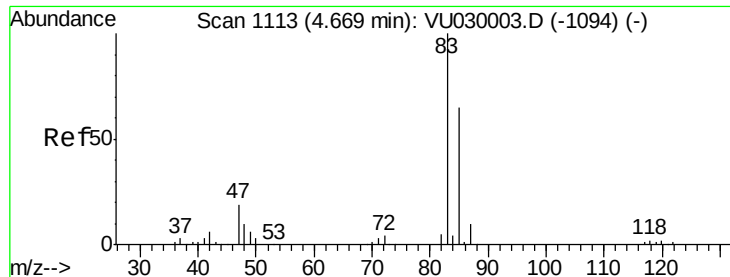


Abundance Ion 128.00 (127.70 to 128.70): VU030003.D (-1057) (-)

Ion 49.00 (48.70 to 49.70): VU030003.D (-1057) (-)

Ion 130.00 (129.70 to 130.70): VU030003.D (-1057) (-)

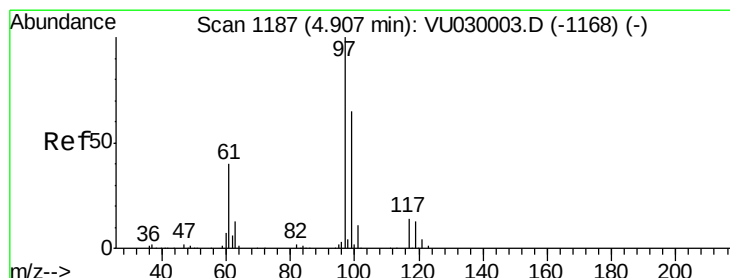
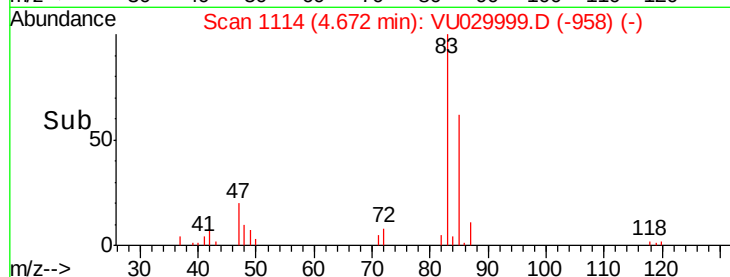
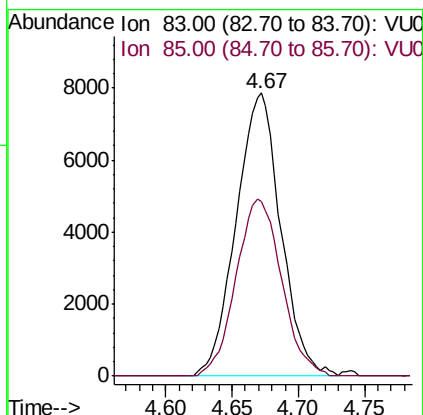
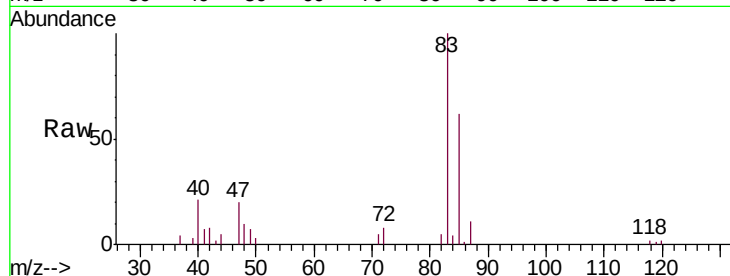




#27
Chloroform
Concen: 0.584 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

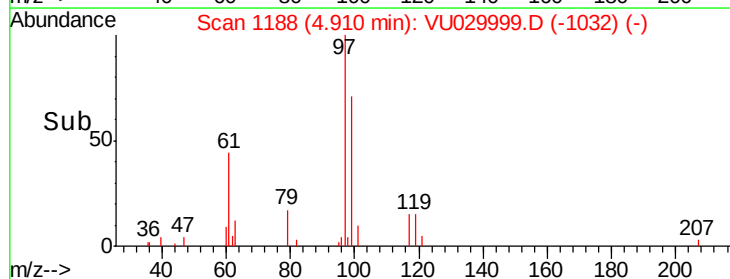
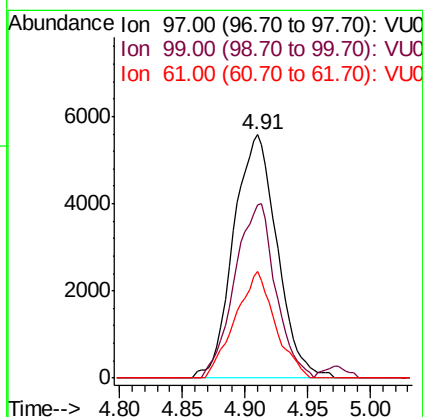
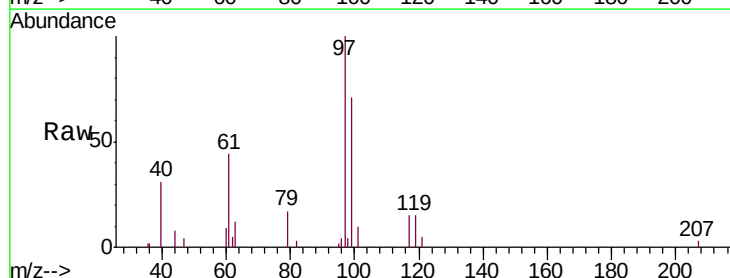
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

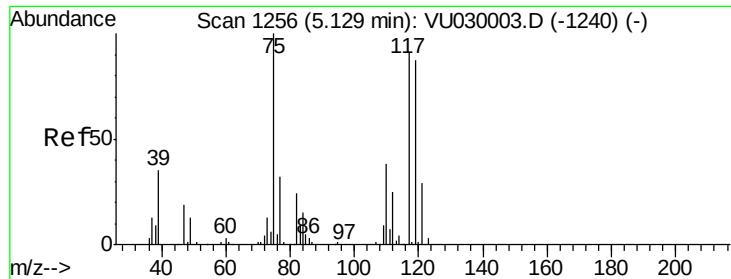
Tgt Ion: 83 Resp: 18410
Ion Ratio Lower Upper
83 100
85 61.9 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 0.520 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

Tgt Ion: 97 Resp: 13479
Ion Ratio Lower Upper
97 100
99 67.4 32.4 97.0
61 40.1 20.4 61.2





#29

1,1-Dichloropropene

Concen: 0.536 ug/l

RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

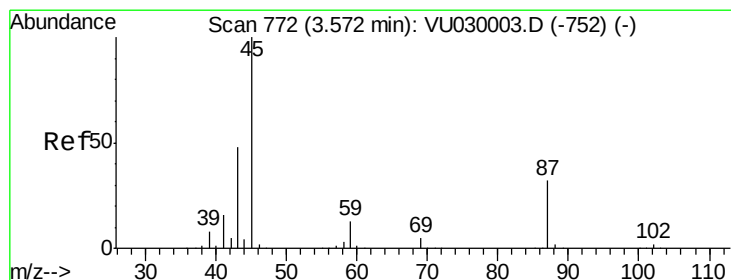
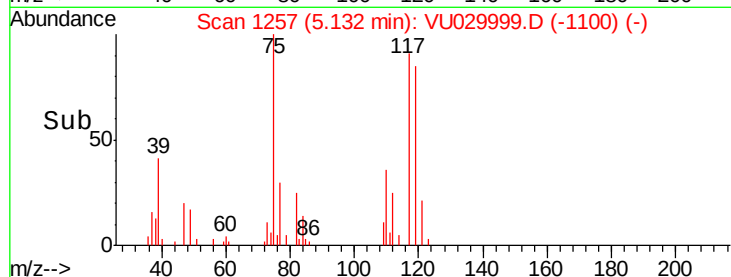
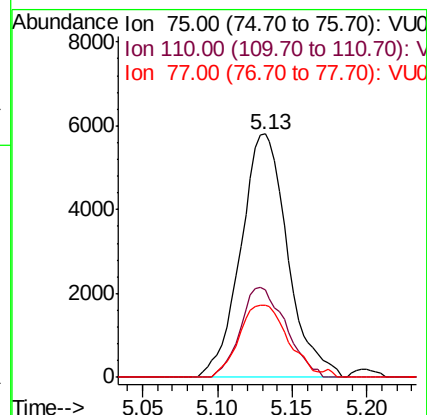
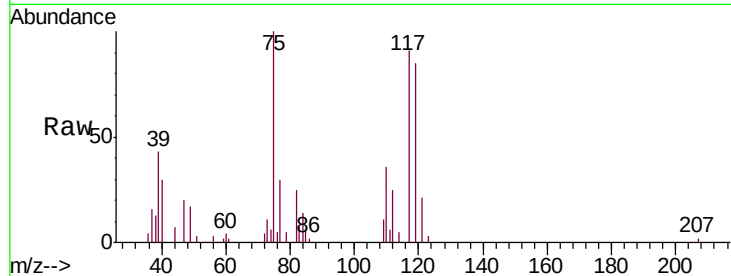
Tgt Ion: 75 Resp: 12662

Ion Ratio Lower Upper

75 100

110 35.7 19.1 57.3

77 30.7 25.2 37.8



#31

Isopropyl Ether

Concen: 0.545 ug/l

RT: 3.57 min Scan# 772

Delta R.T. -0.00 min

Lab File: VU029999.D

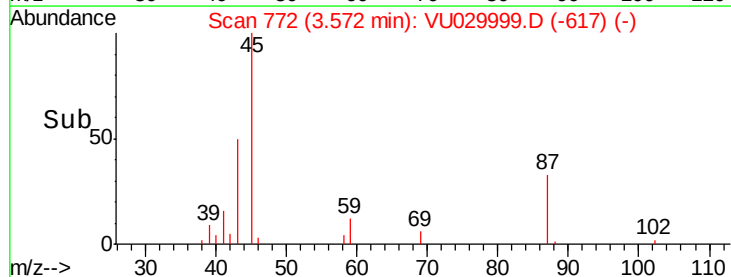
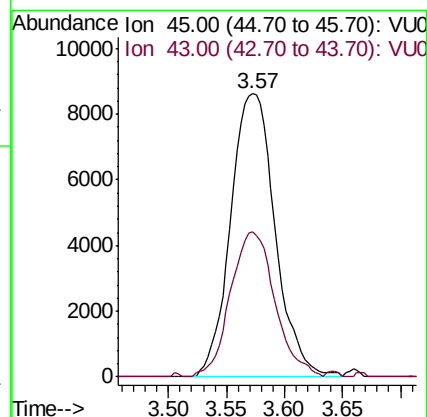
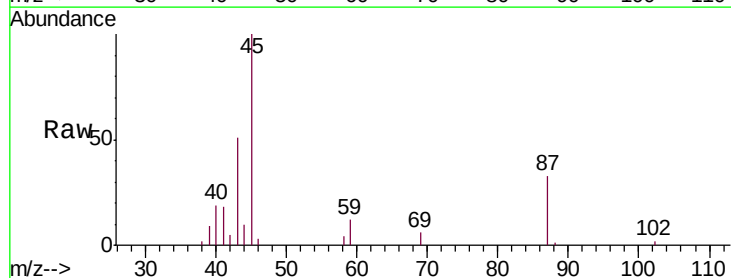
Acq: 12 Mar 2019 09:50

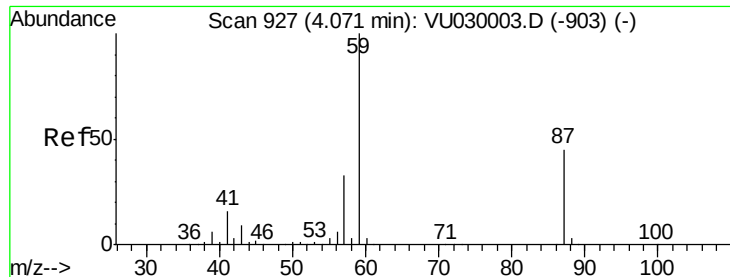
Tgt Ion: 45 Resp: 22988

Ion Ratio Lower Upper

45 100

43 51.3 24.5 73.5





#32

Ethyl-t-butyl ether

Concen: 0.526 ug/l

RT: 4.06 min Scan# 925

Delta R.T. -0.01 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

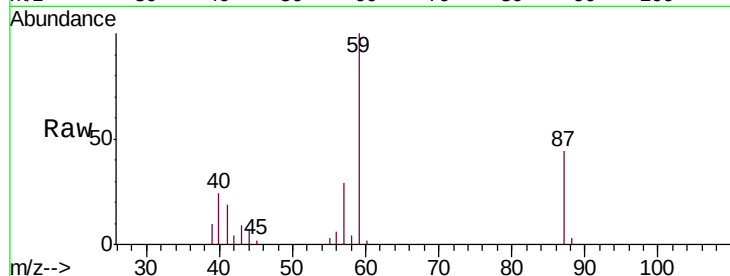
VSTDIC0.5

Tgt Ion: 59 Resp: 21369

Ion Ratio Lower Upper

59 100

87 43.8 36.2 54.4



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

4.06

8000

6000

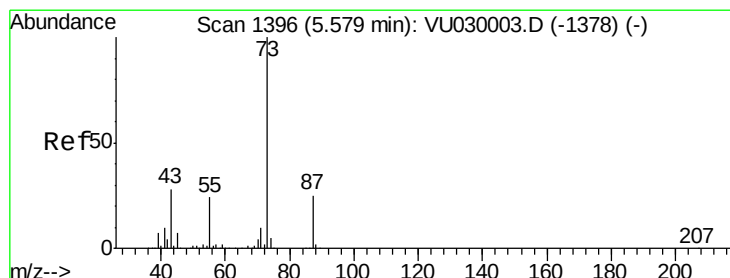
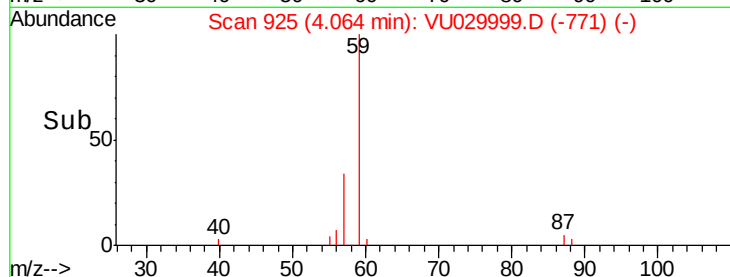
4000

2000

0

Time-->

3.95 4.00 4.05 4.10 4.15



#33

Tert-Amyl methyl ether

Concen: 0.504 ug/l

RT: 5.58 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

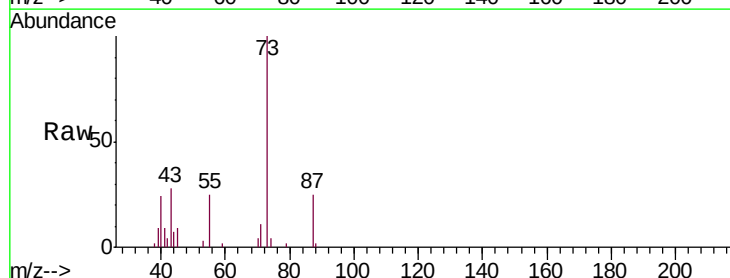
Tgt Ion: 73 Resp: 18722

Ion Ratio Lower Upper

73 100

87 23.9 19.7 29.5

71 10.9 8.6 13.0



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

10000

8000

6000

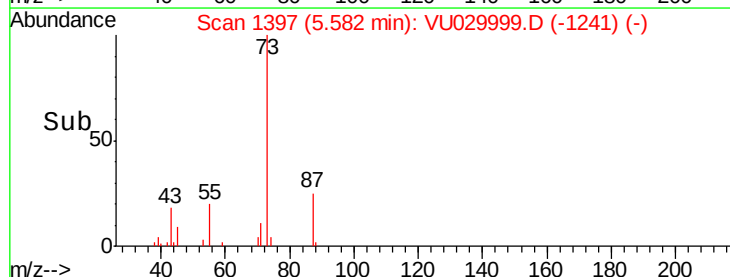
4000

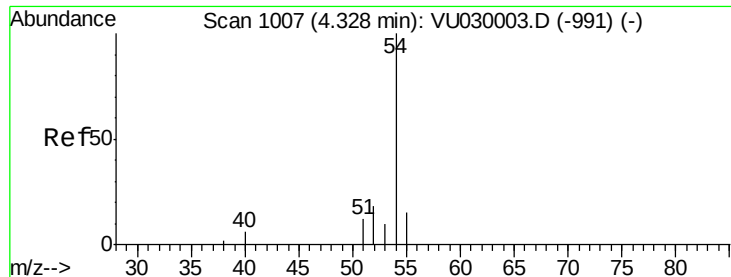
2000

0

Time-->

5.50 5.55 5.60 5.65

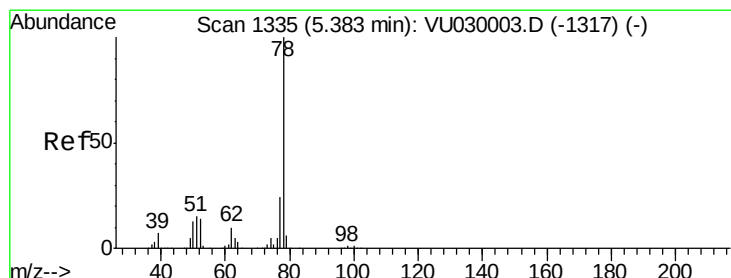
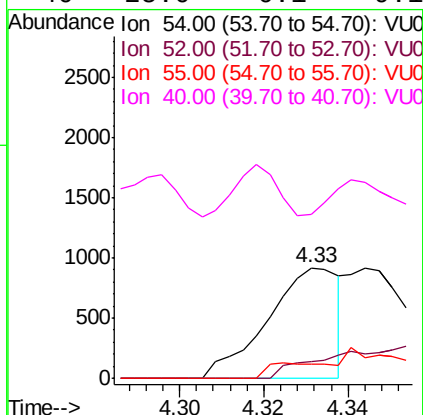
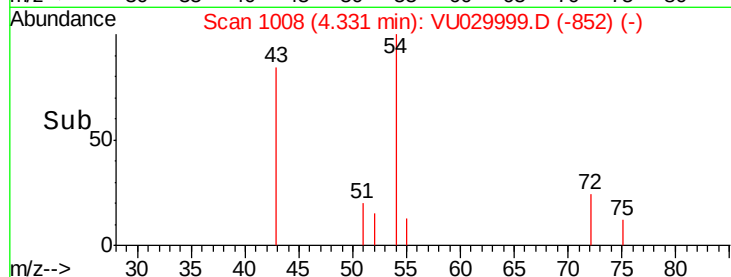
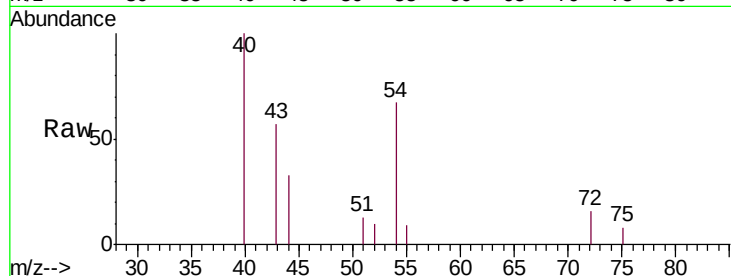




#34
 Propionitrile
 Concen: 0.950 ug/l
 RT: 4.33 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

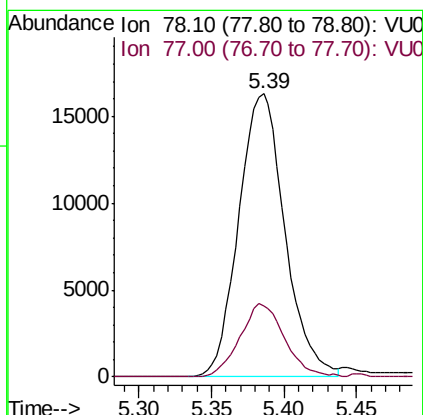
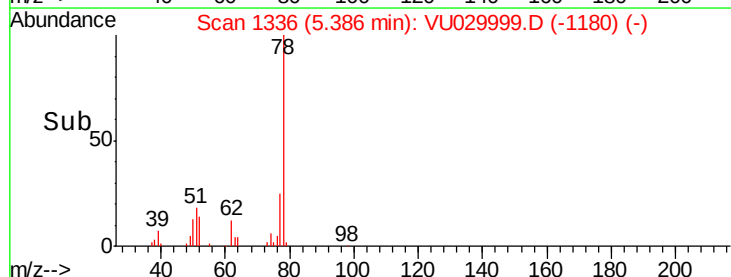
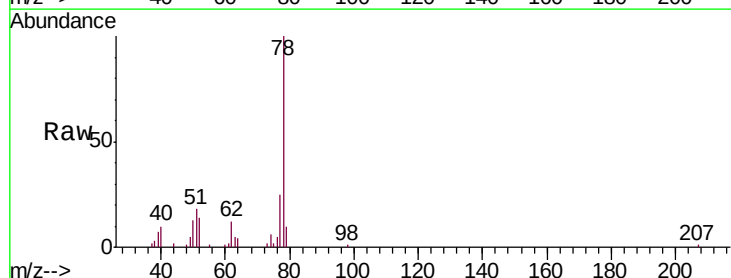
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

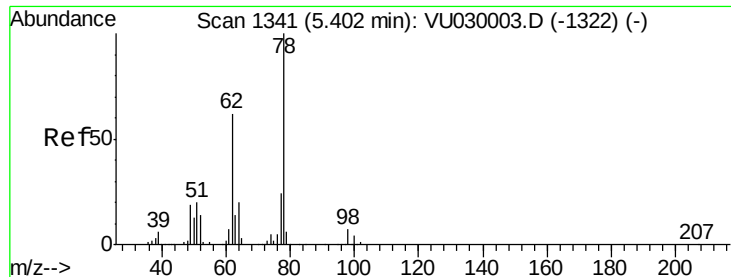
Tgt Ion:	54	Resp:	1080
Ion	Ratio	Lower	Upper
54	100		
52	0.0	15.8	23.6#
55	22.9	12.5	18.7#
40	25.0	6.1	9.1#



#35
 Benzene
 Concen: 0.523 ug/l
 RT: 5.39 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Tgt Ion:	78	Resp:	36102
Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.9	28.3

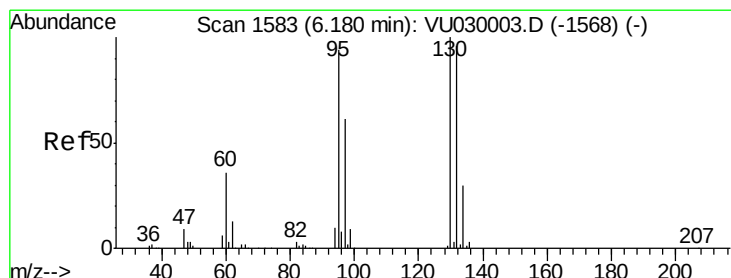
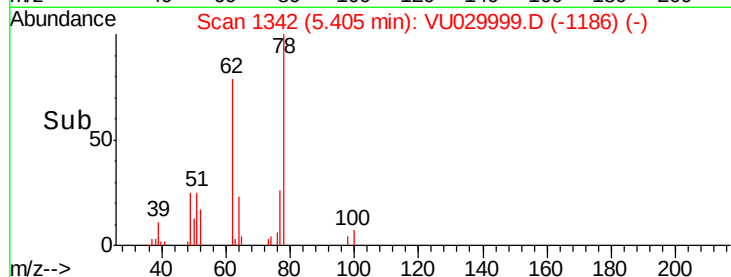
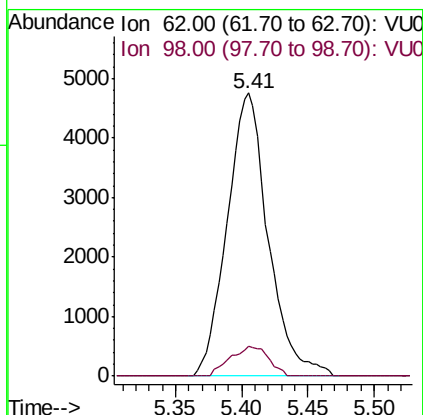
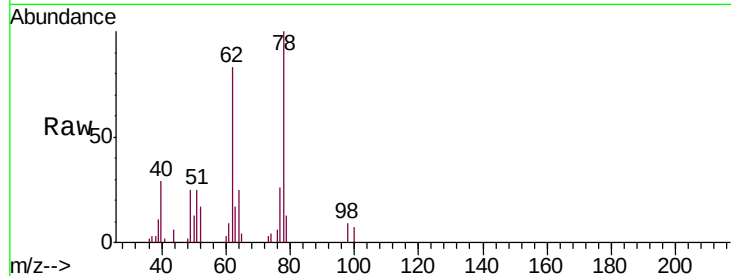




#36
 1,2-Dichloroethane
 Concen: 0.553 ug/l
 RT: 5.41 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

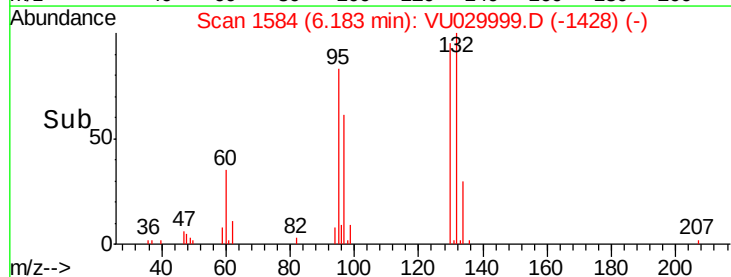
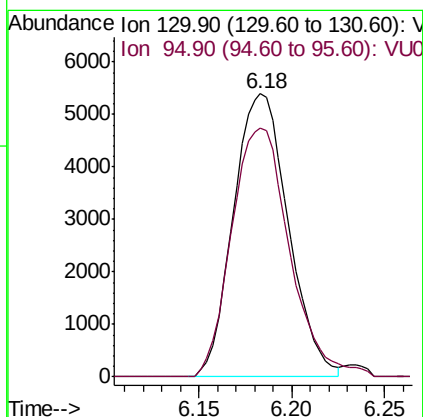
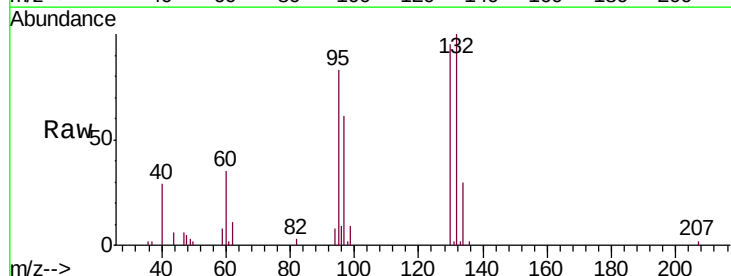
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

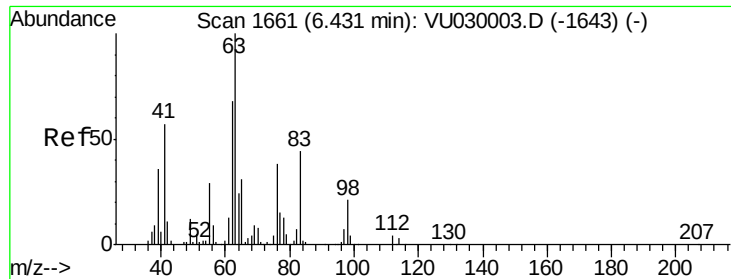
Tgt Ion: 62 Resp: 10221
 Ion Ratio Lower Upper
 62 100
 98 9.9 8.4 12.6



#37
 Trichloroethene
 Concen: 0.557 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Tgt Ion: 130 Resp: 11079
 Ion Ratio Lower Upper
 130 100
 95 87.8 75.2 112.8

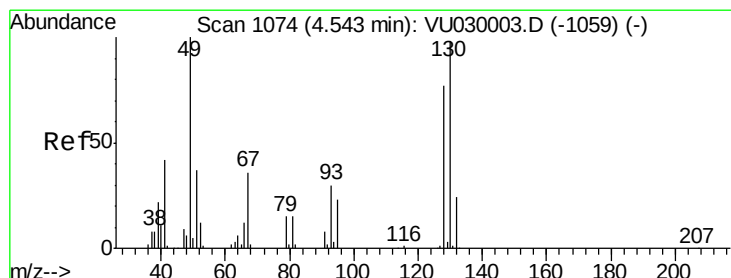
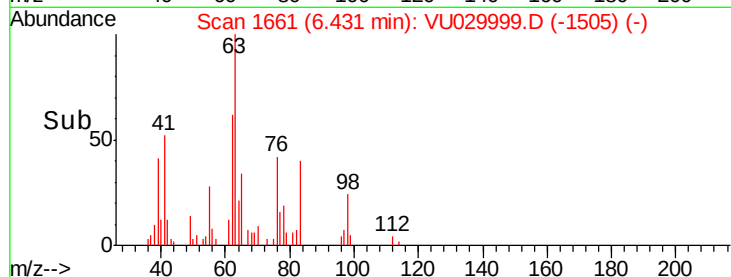
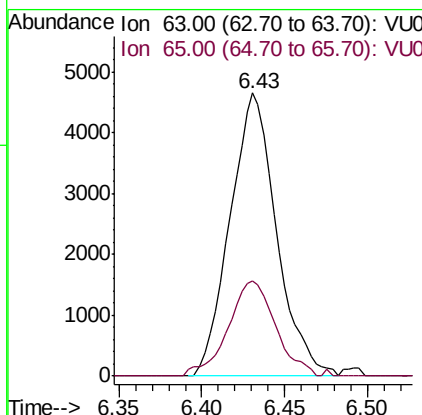
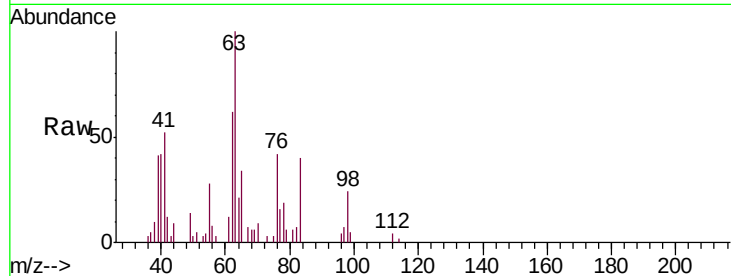




#38
 1,2-Dichloropropane
 Concen: 0.516 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

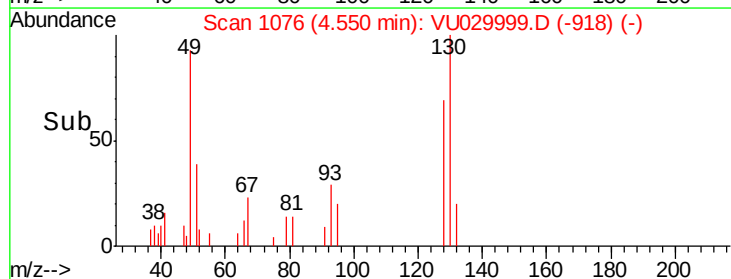
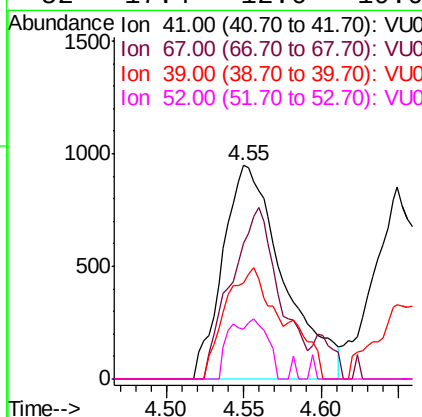
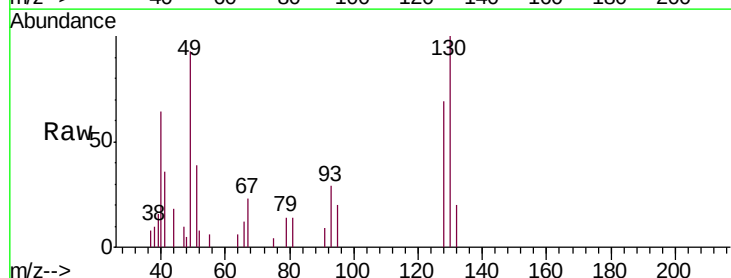
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

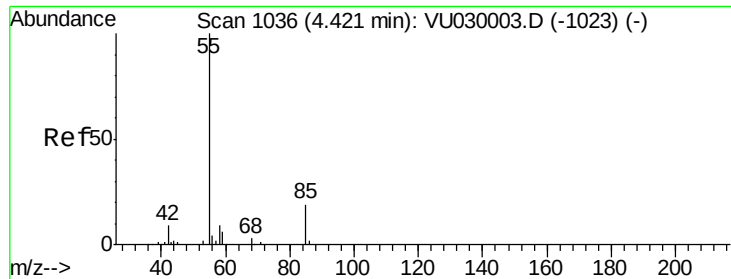
Tgt Ion: 63 Resp: 9062
 Ion Ratio Lower Upper
 63 100
 65 33.8 24.9 37.3



#39
 Methacrylonitrile
 Concen: 0.532 ug/l
 RT: 4.55 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Tgt Ion: 41 Resp: 2591
 Ion Ratio Lower Upper
 41 100
 67 63.9 71.4 107.0#
 39 50.1 41.9 62.9
 52 17.4 12.6 19.0

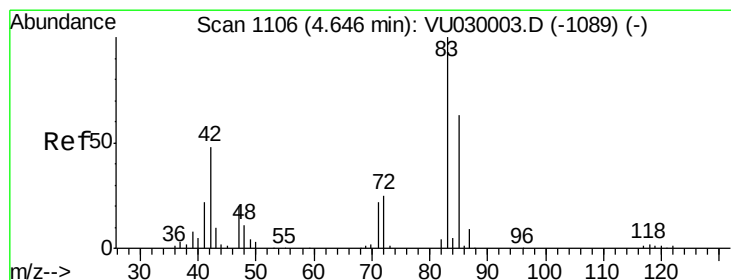
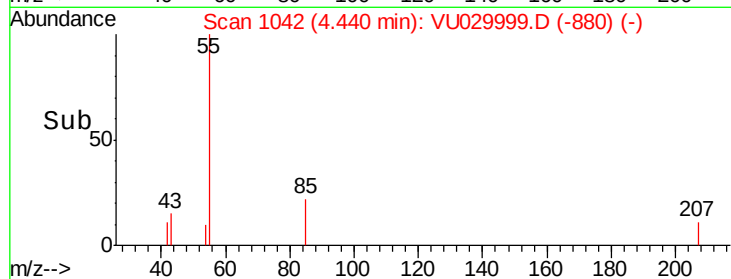
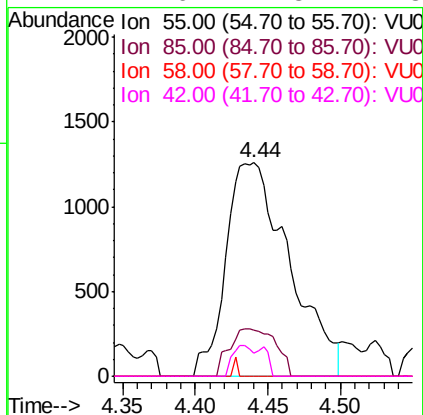
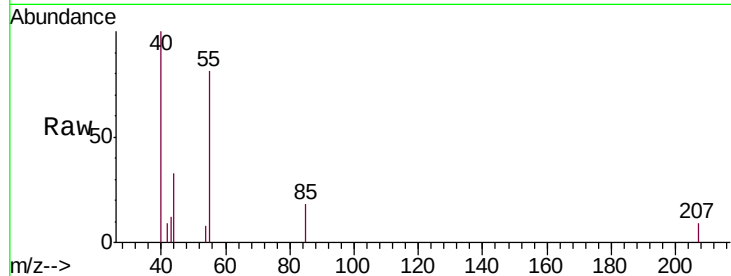




#40
Methyl acrylate
Concen: 0.498 ug/l
RT: 4.44 min Scan# 1042
Delta R.T. 0.02 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

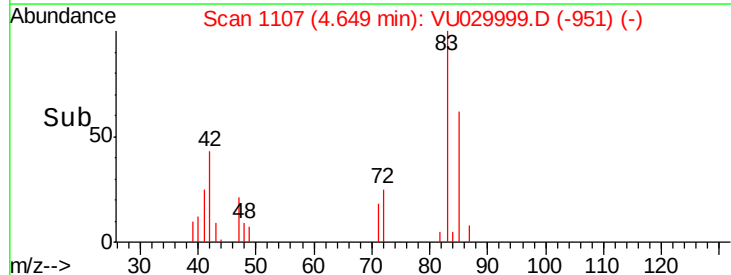
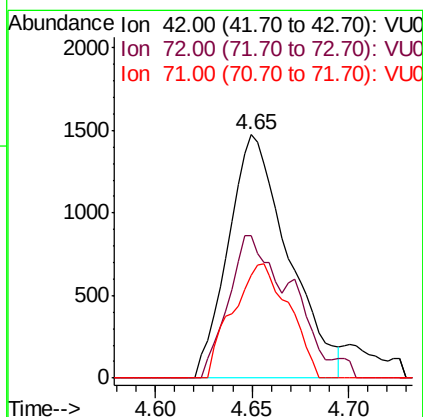
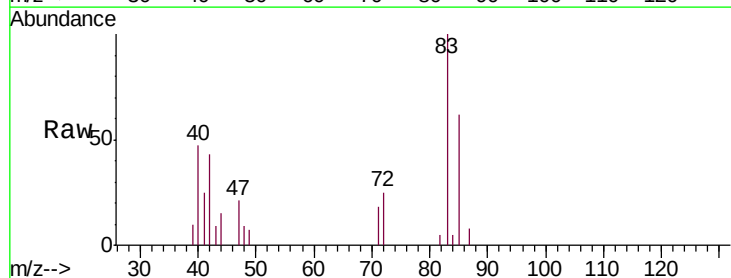
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

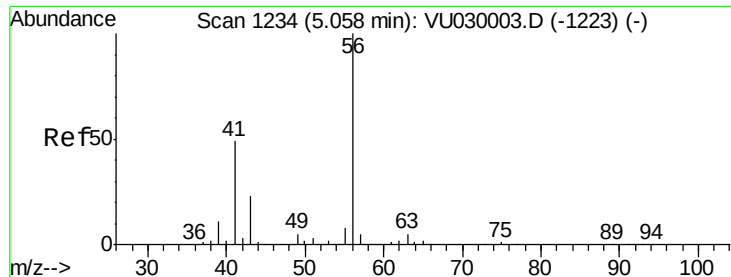
Tgt Ion:	55	Resp:	3830
Ion	Ratio	Lower	Upper
55	100		
85	16.1	16.2	24.2#
58	0.6	7.0	10.6#
42	4.6	7.8	11.8#



#41
Tetrahydrofuran
Concen: 1.182 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

Tgt Ion:	42	Resp:	3183
Ion	Ratio	Lower	Upper
42	100		
72	44.1	44.9	67.3#
71	44.3	37.8	56.8

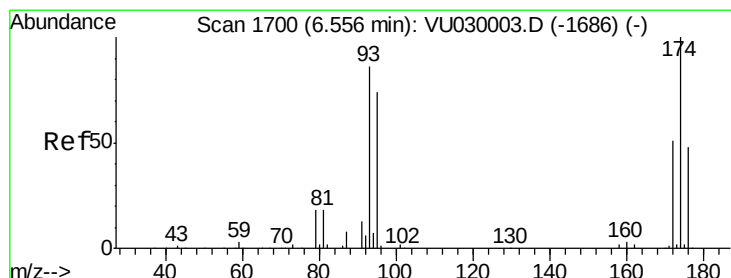
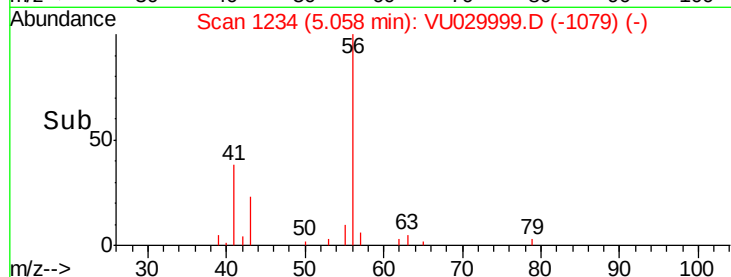
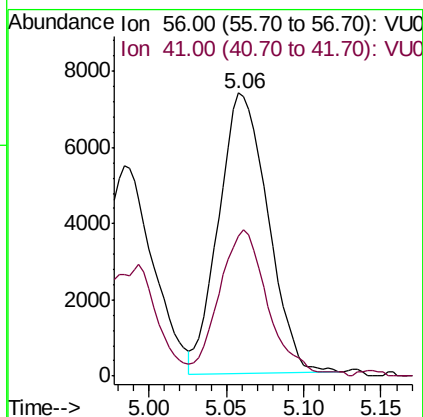
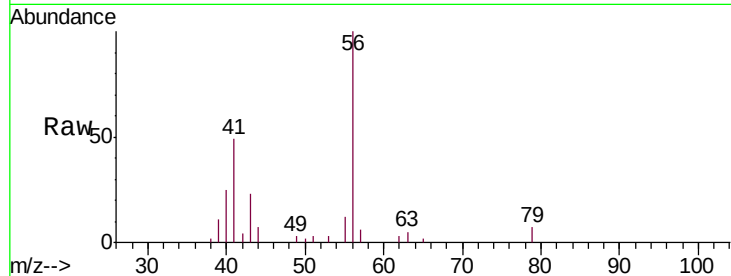




#42
1-Chlorobutane
Concen: 0.525 ug/l
RT: 5.06 min Scan# 1234
Delta R.T. -0.00 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

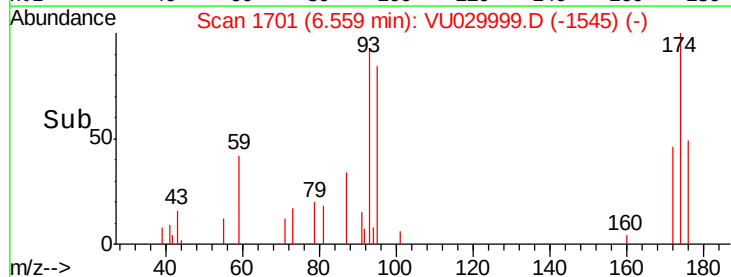
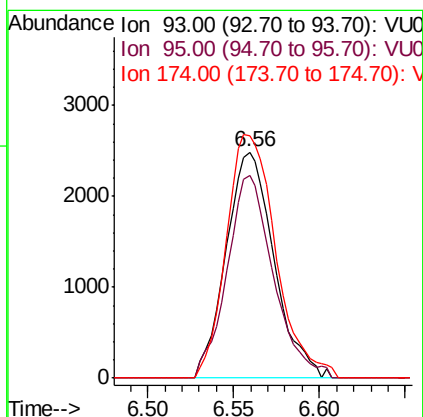
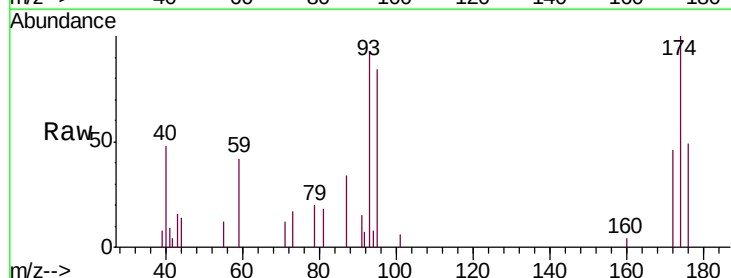
Instrument :
MSVOA_U
ClientSampled :
VSTDIC0.5

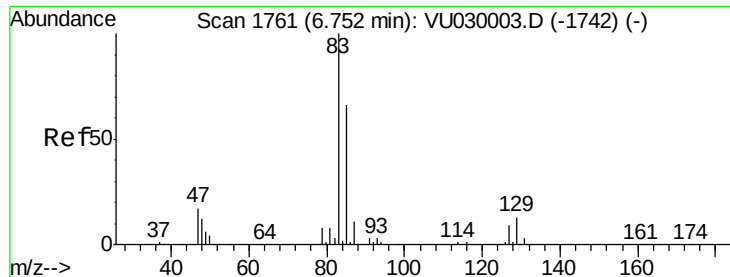
Tgt Ion: 56 Resp: 16246
Ion Ratio Lower Upper
56 100
41 52.0 24.7 74.1



#43
Dibromomethane
Concen: 0.530 ug/l
RT: 6.56 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

Tgt Ion: 93 Resp: 4814
Ion Ratio Lower Upper
93 100
95 86.7 68.6 102.8
174 111.5 91.8 137.8





#44

Bromodichloromethane

Concen: 0.520 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

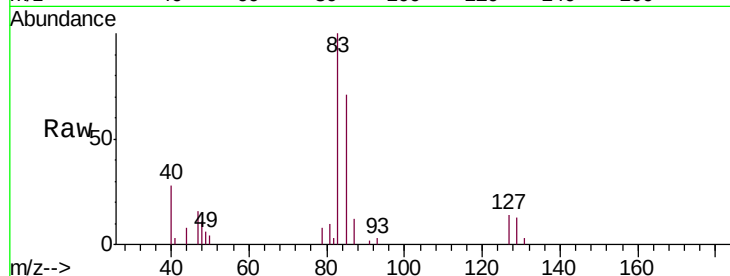
Tgt Ion: 83 Resp: 11269

Ion Ratio Lower Upper

83 100

85 71.0 53.2 79.8

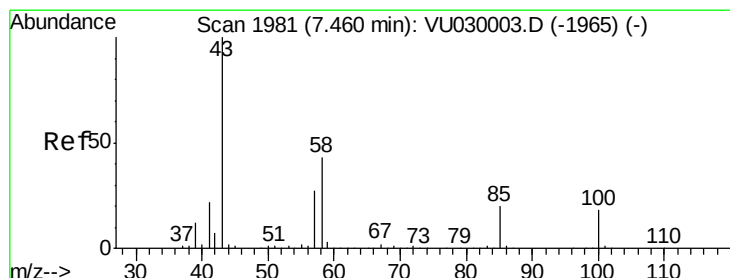
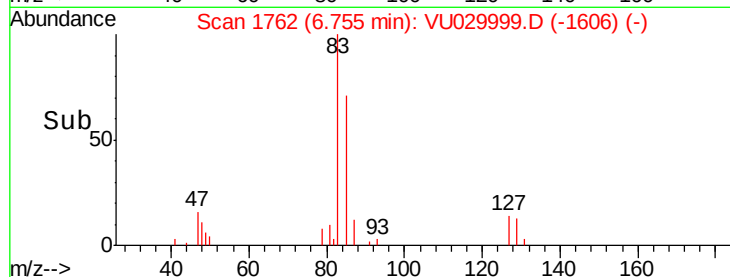
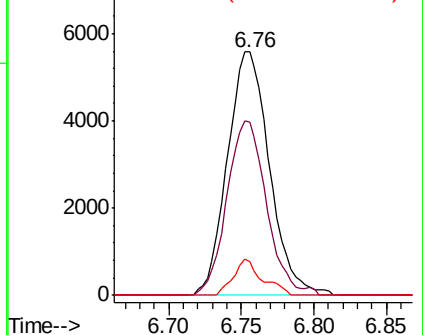
127 13.7 7.4 11.0#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V



#45

4-Methyl-2-Pentanone

Concen: 2.532 ug/l

RT: 7.46 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

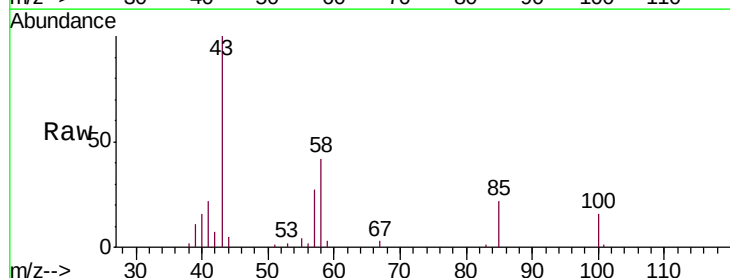
Tgt Ion: 43 Resp: 22730

Ion Ratio Lower Upper

43 100

58 42.0 21.6 64.6

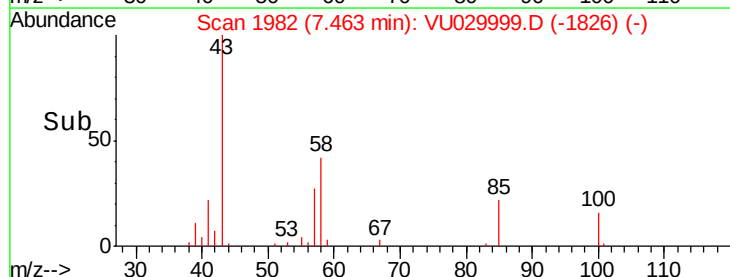
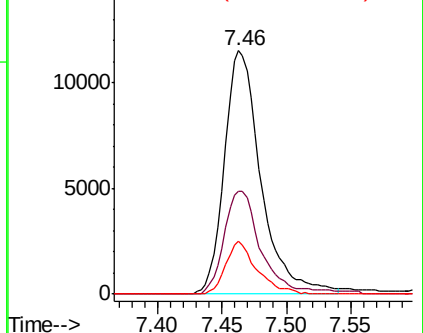
85 18.5 16.3 24.5

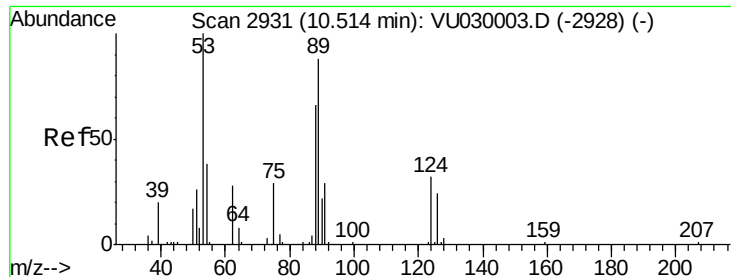


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

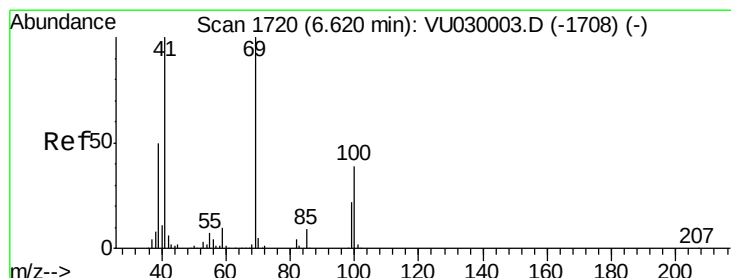
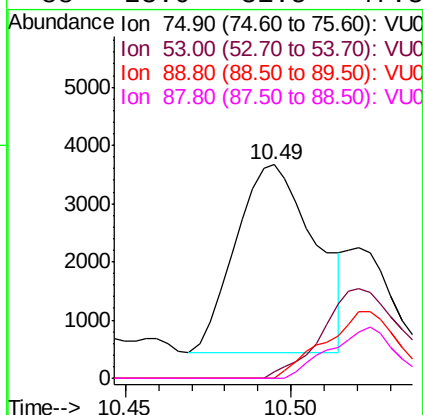
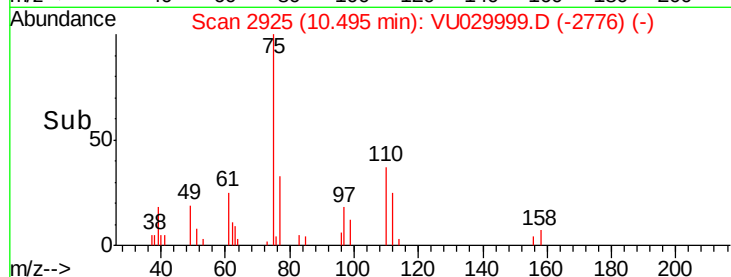
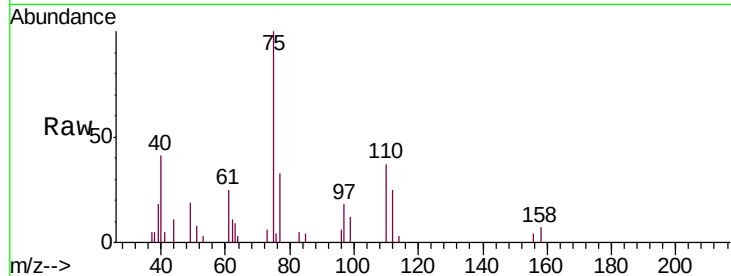




#46
t-1,4-Dichloro-2-butene
Concen: 1.538 ug/l
RT: 10.49 min Scan# 2925
Delta R.T. -0.02 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

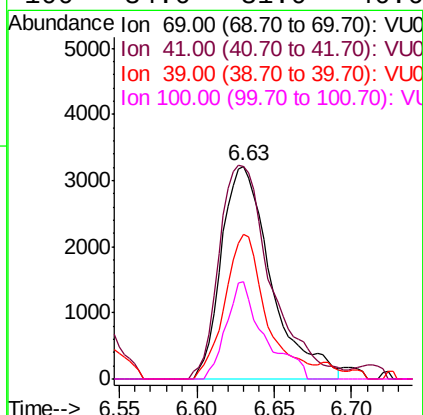
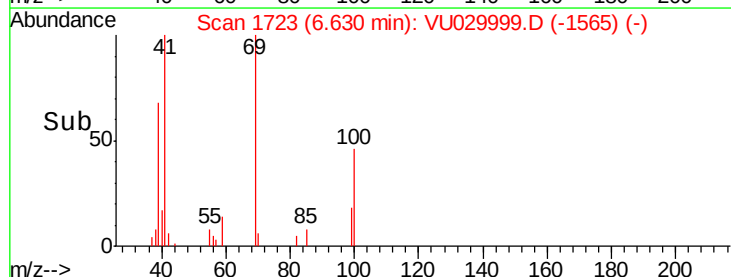
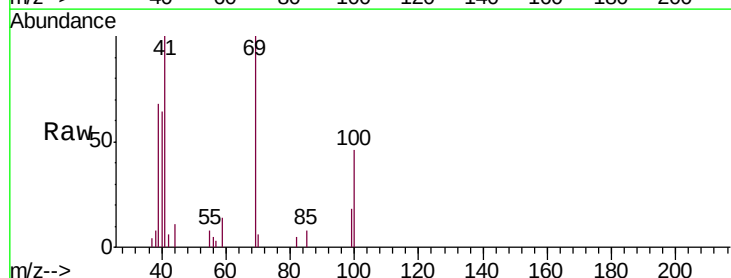
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

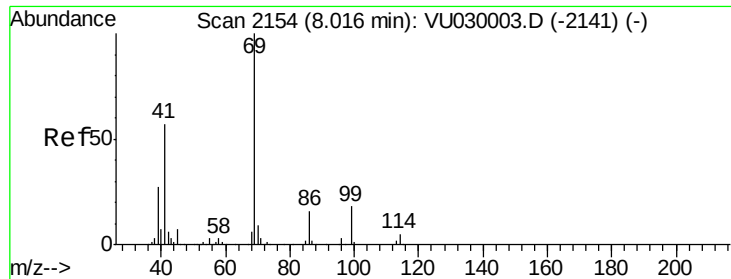
Tgt Ion: 75 Resp: 5367
Ion Ratio Lower Upper
75 100
53 49.2 57.0 85.6#
89 32.8 43.6 65.4#
88 23.0 31.5 47.3#



#47
Methyl methacrylate
Concen: 0.944 ug/l
RT: 6.63 min Scan# 1723
Delta R.T. 0.01 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

Tgt Ion: 69 Resp: 7186
Ion Ratio Lower Upper
69 100
41 105.4 0.0 197.8
39 57.1 40.2 60.4
100 34.6 31.0 46.6

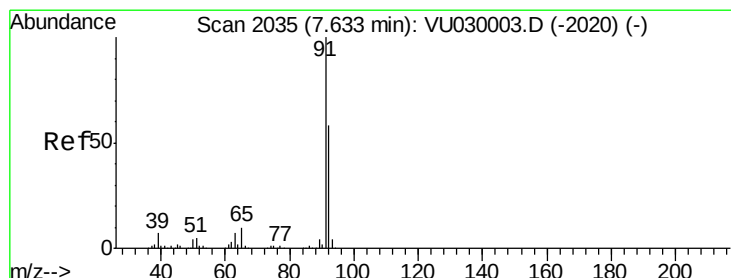
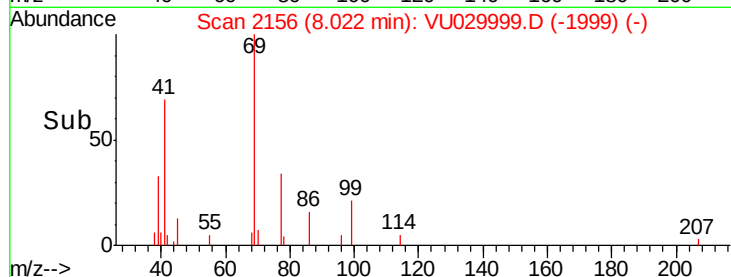
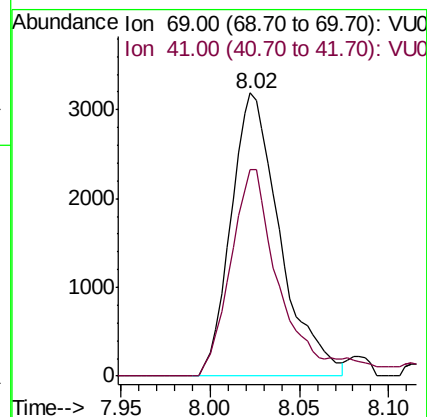
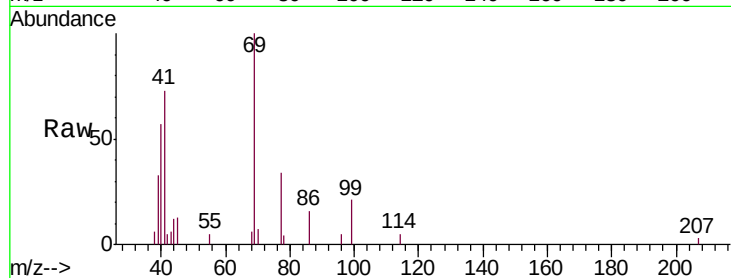




#48
Ethyl methacrylate
Concen: 0.423 ug/l
RT: 8.02 min Scan# 2156
Delta R.T. 0.01 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

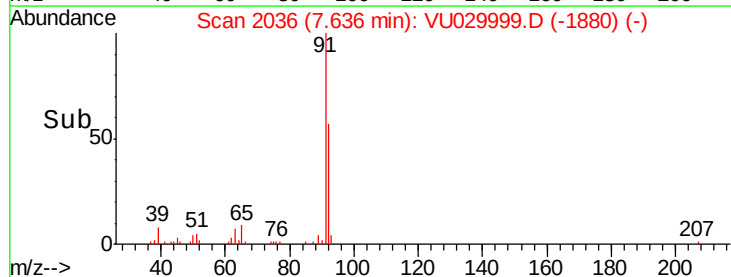
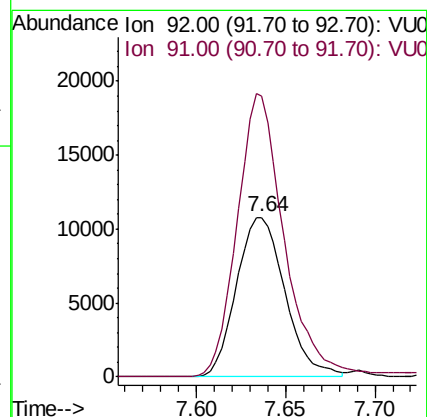
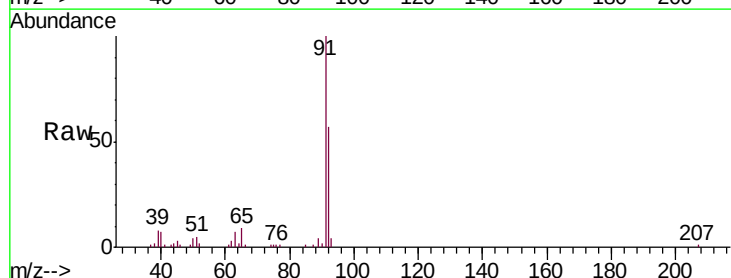
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

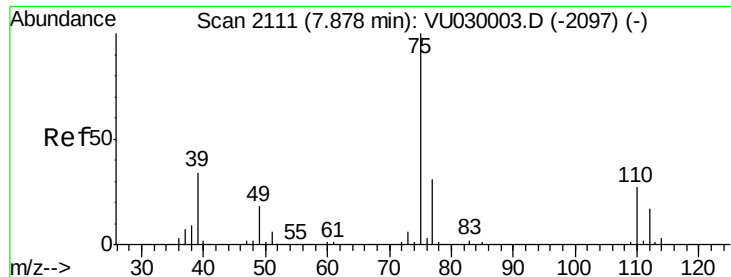
Tgt Ion: 69 Resp: 6078
Ion Ratio Lower Upper
69 100
41 69.3 28.1 84.4



#49
Toluene
Concen: 0.493 ug/l
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

Tgt Ion: 92 Resp: 20521
Ion Ratio Lower Upper
92 100
91 172.5 140.1 210.1

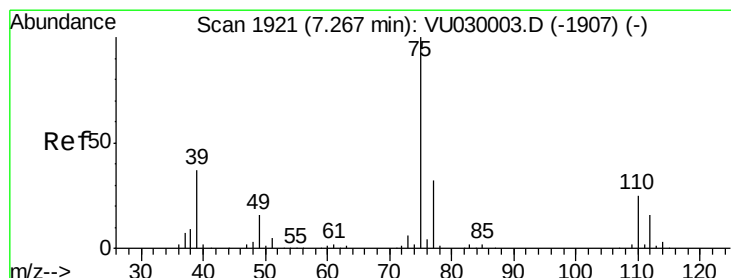
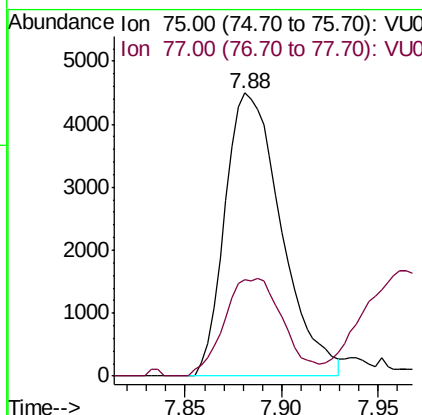
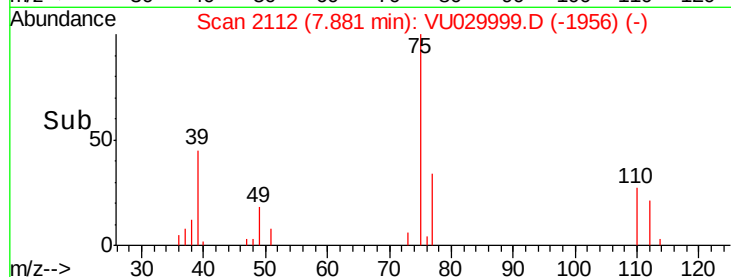
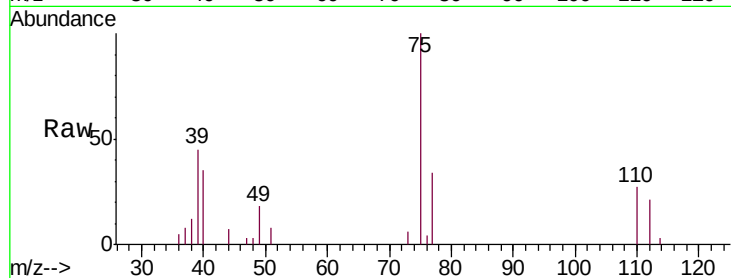




#50
 t-1,3-Dichloropropene
 Concen: 0.469 ug/l
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

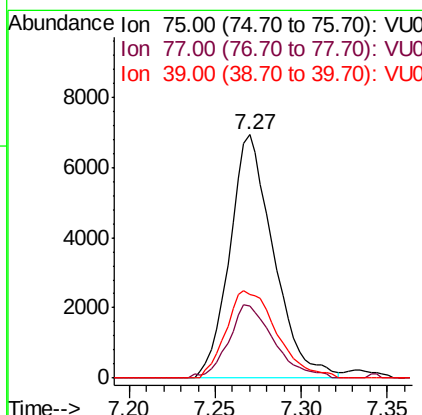
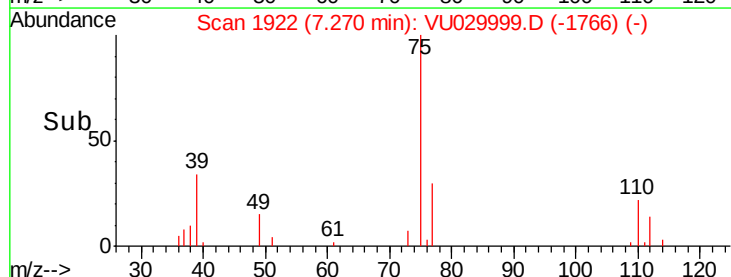
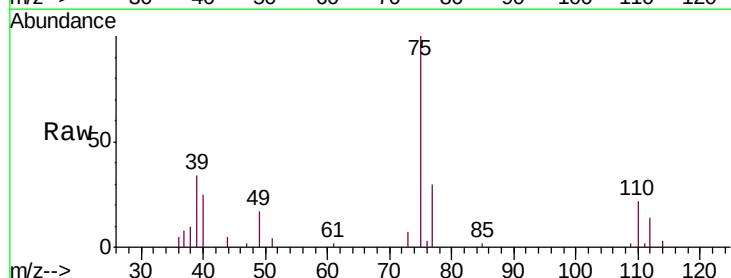
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

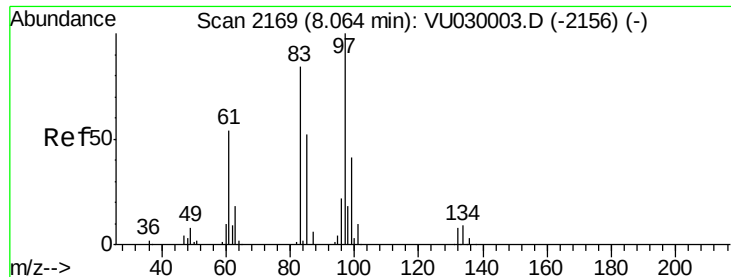
Tgt Ion: 75 Resp: 9108
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.1 37.7



#51
 cis-1,3-Dichloropropene
 Concen: 0.504 ug/l
 RT: 7.27 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Tgt Ion: 75 Resp: 12305
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.0 39.0
 39 34.4 29.5 44.3

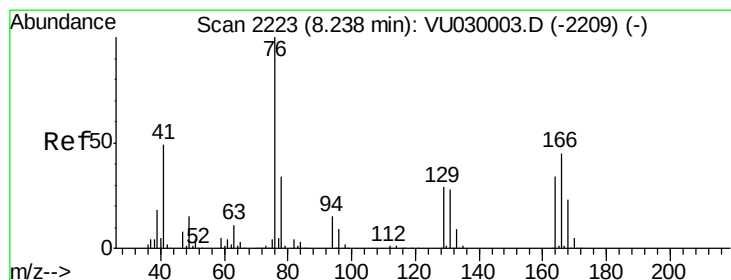
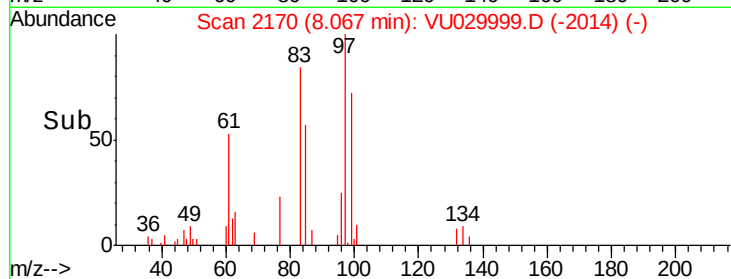
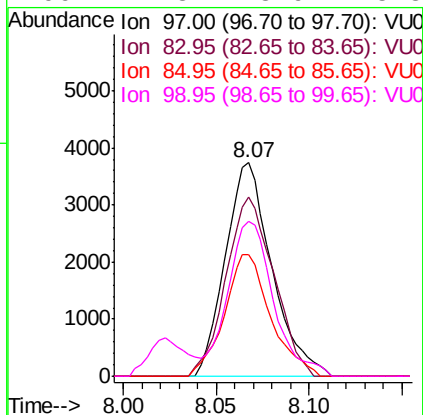
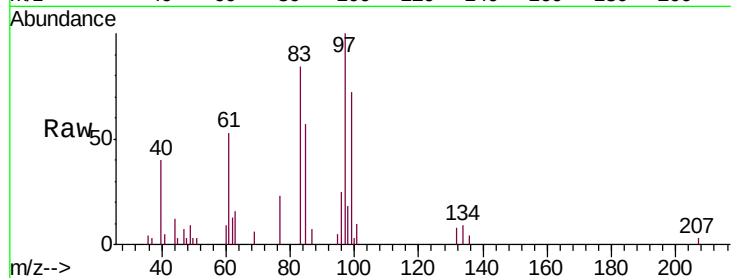




#52
 1,1,2-Trichloroethane
 Concen: 0.508 ug/l
 RT: 8.07 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

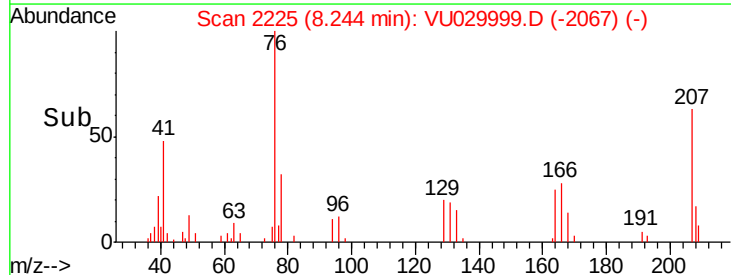
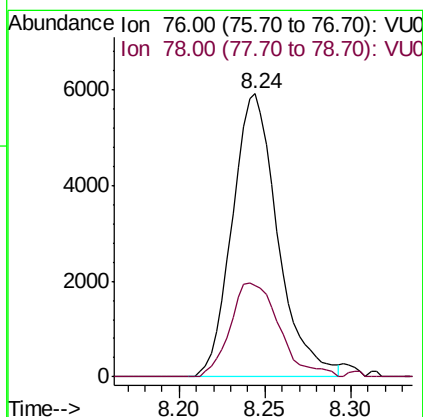
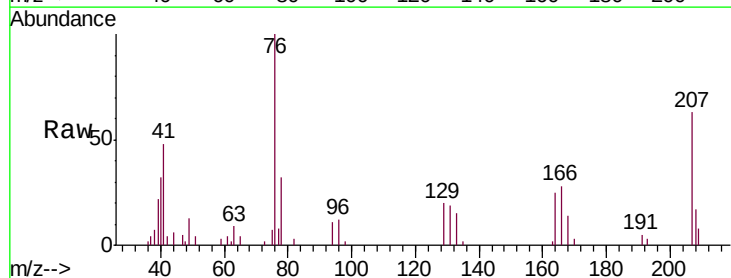
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

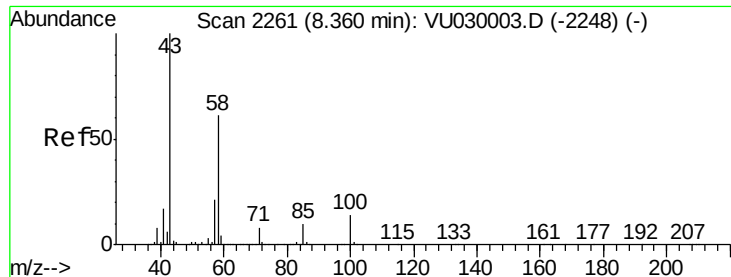
Tgt Ion: 97 Resp: 6524
 Ion Ratio Lower Upper
 97 100
 83 83.7 67.4 101.0
 85 56.7 42.6 64.0
 99 72.3 48.9 73.3



#53
 1,3-Dichloropropane
 Concen: 0.507 ug/l
 RT: 8.24 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Tgt Ion: 76 Resp: 10887
 Ion Ratio Lower Upper
 76 100
 78 35.7 26.4 39.6

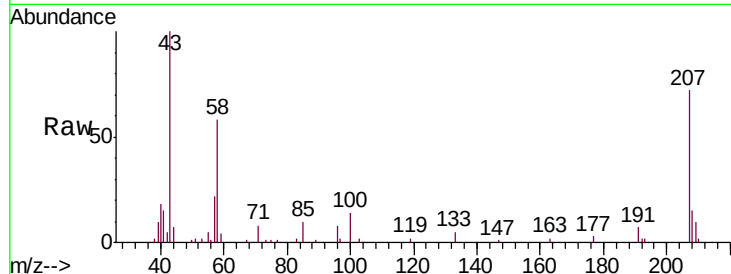




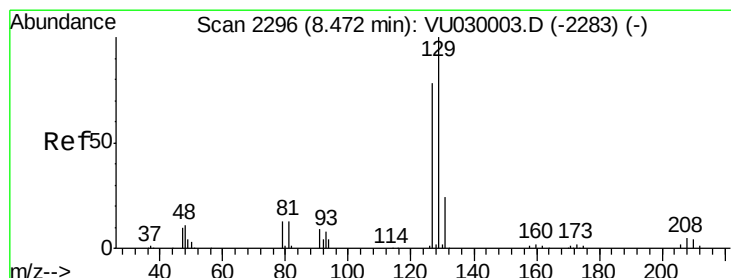
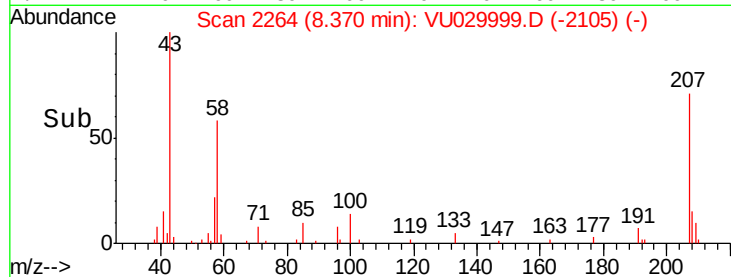
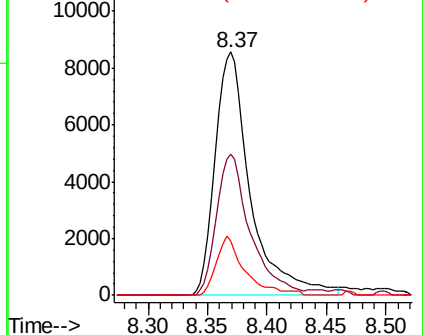
#54
2-Hexanone
Concen: 2.731 ug/l
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 17662
Ion Ratio Lower Upper
43 100
58 55.2 40.3 80.3
57 19.1 0.6 40.6

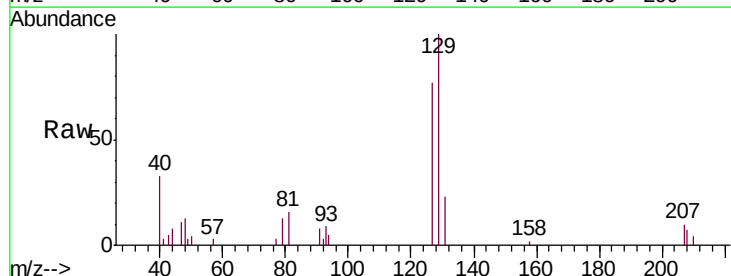


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

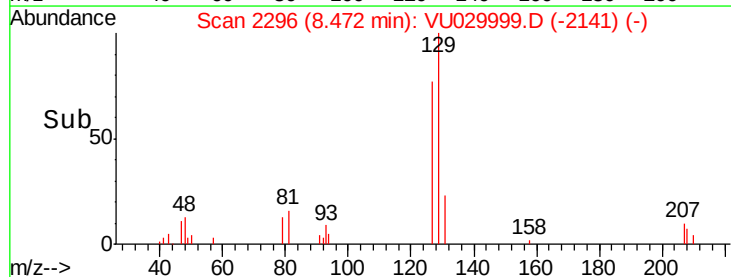
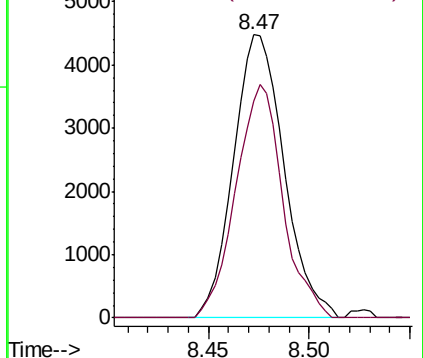


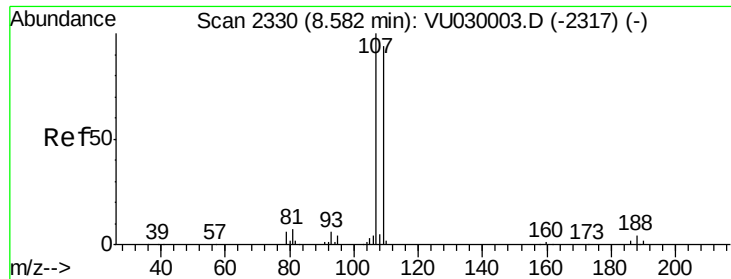
#55
Dibromochloromethane
Concen: 0.508 ug/l
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

Tgt Ion: 129 Resp: 7846
Ion Ratio Lower Upper
129 100
127 76.6 62.4 93.6



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





#56

1,2-Dibromoethane

Concen: 0.521 ug/l

RT: 8.58 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

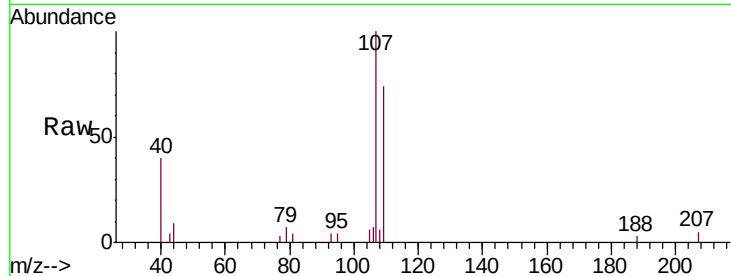
VSTDIC0.5

Tgt Ion: 107 Resp: 6441

Ion Ratio Lower Upper

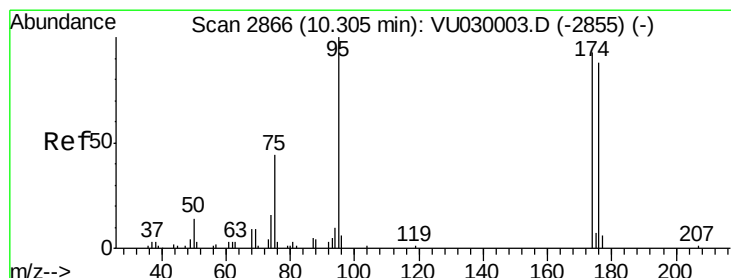
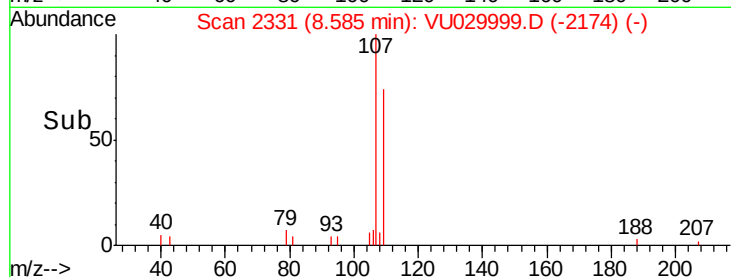
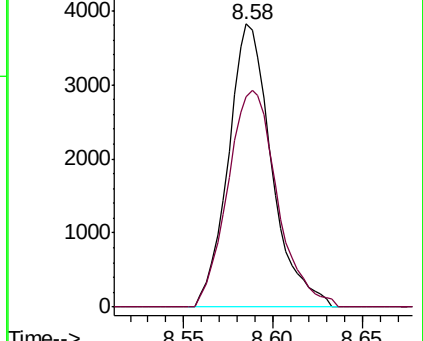
107 100

109 87.5 0.0 186.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#57

4-Bromofluorobenzene

Concen: 0.521 ug/l

RT: 10.31 min Scan# 2866

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

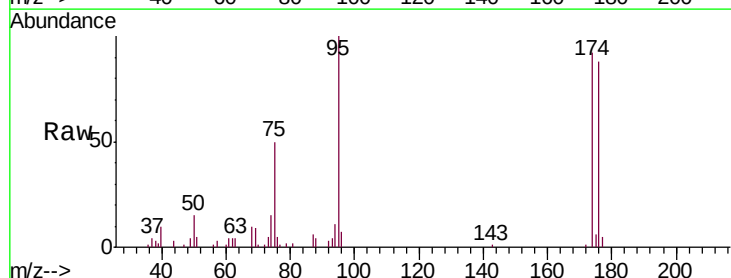
Tgt Ion: 95 Resp: 24127

Ion Ratio Lower Upper

95 100

174 90.7 78.1 117.1

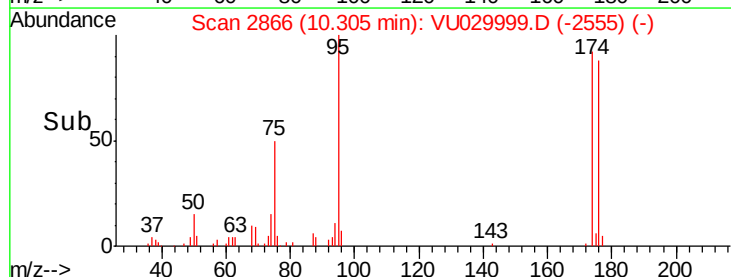
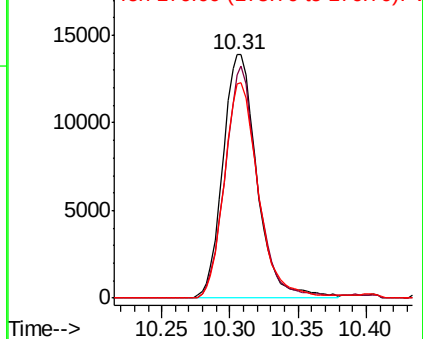
176 88.0 70.8 106.2

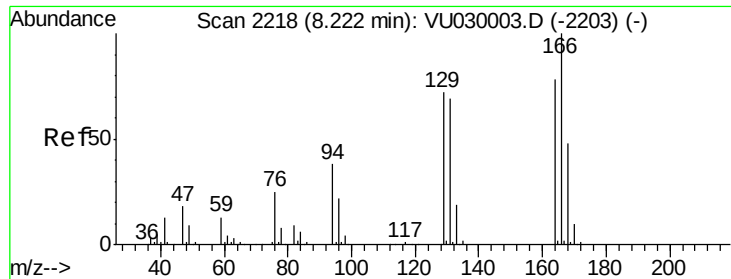


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#58

Tetrachloroethene

Concen: 0.534 ug/l

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion:164 Resp: 9649

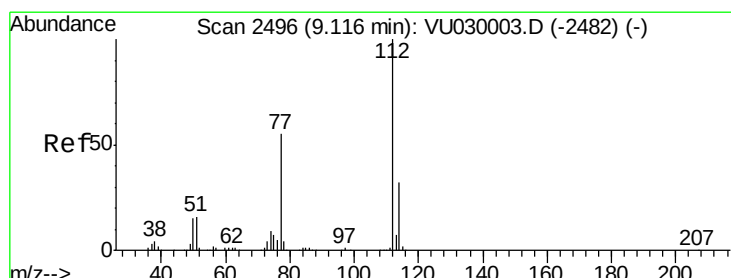
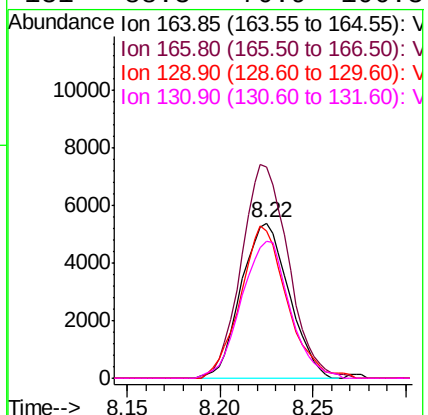
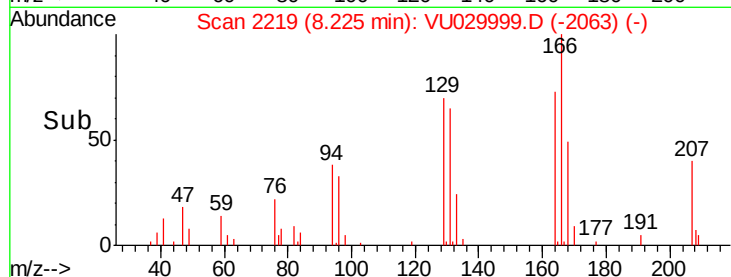
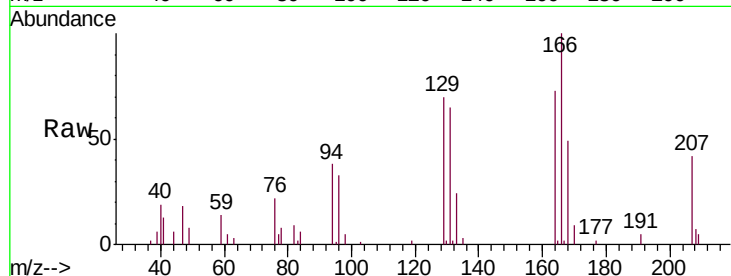
Ion Ratio Lower Upper

164 100

166 136.1 103.2 154.8

129 95.2 74.5 111.7

131 88.3 70.9 106.3



#59

Chlorobenzene

Concen: 0.513 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU029999.D

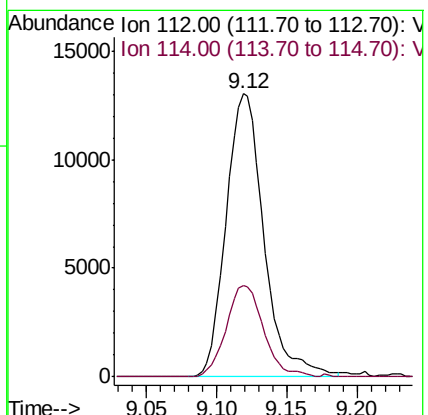
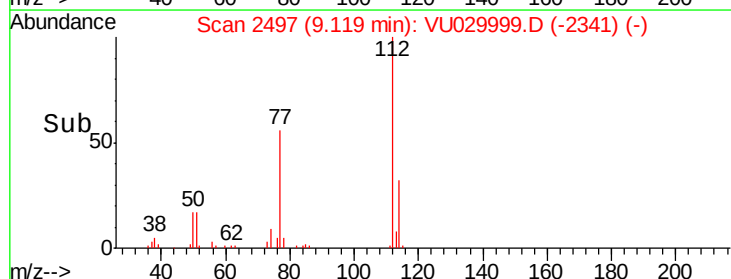
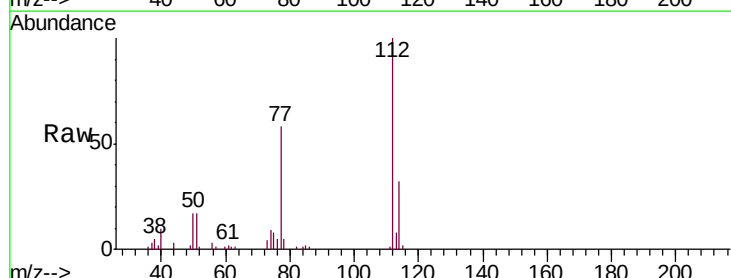
Acq: 12 Mar 2019 09:50

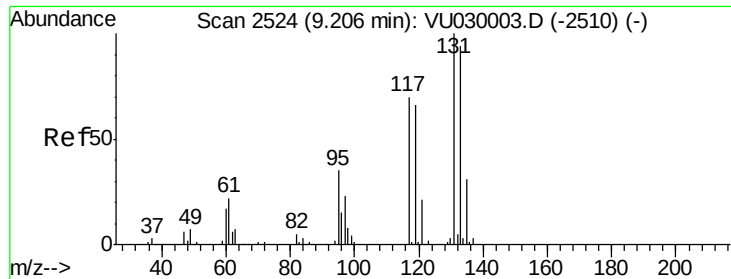
Tgt Ion:112 Resp: 24396

Ion Ratio Lower Upper

112 100

114 32.5 25.6 38.4





#60

1,1,1,2-Tetrachloroethane

Concen: 0.549 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

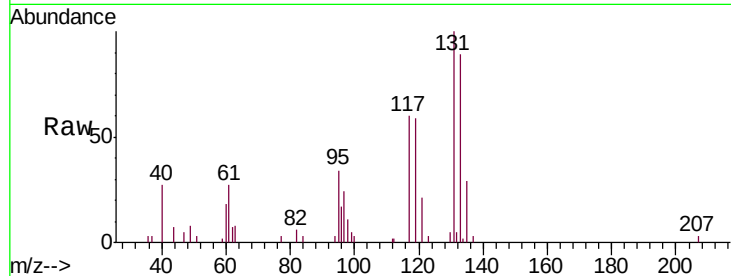
Tgt Ion:131 Resp: 9226

Ion Ratio Lower Upper

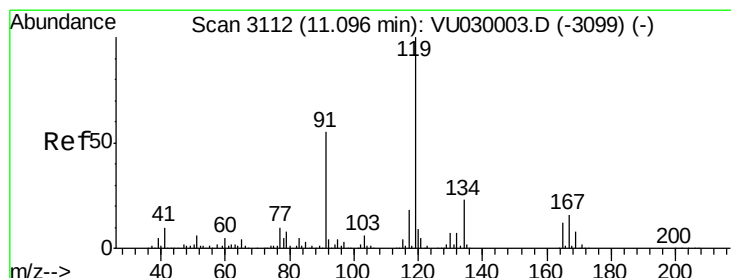
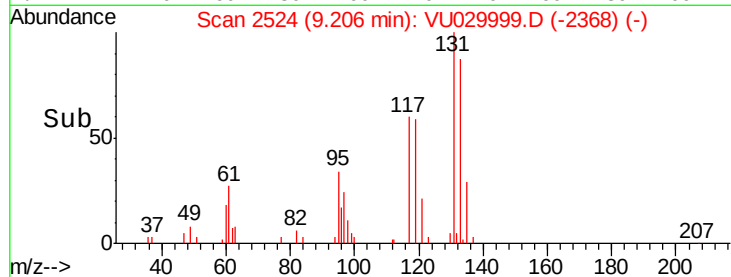
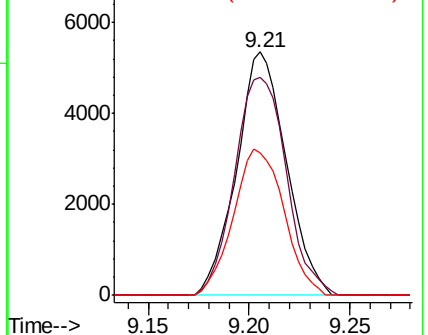
131 100

133 93.4 75.6 113.4

119 61.1 53.3 79.9



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#61

Pentachloroethane

Concen: 0.513 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU029999.D

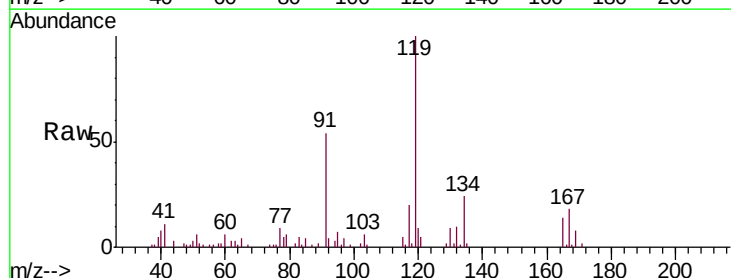
Acq: 12 Mar 2019 09:50

Tgt Ion:117 Resp: 6651

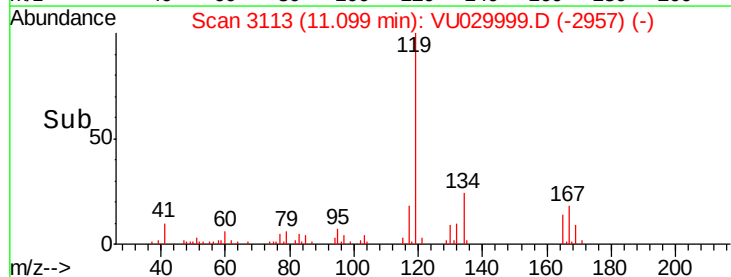
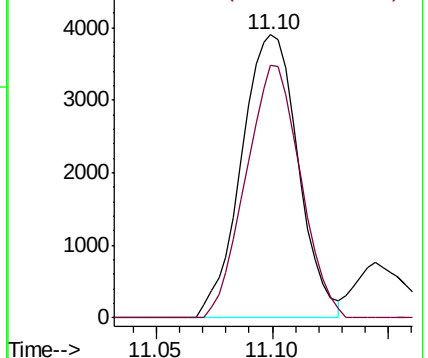
Ion Ratio Lower Upper

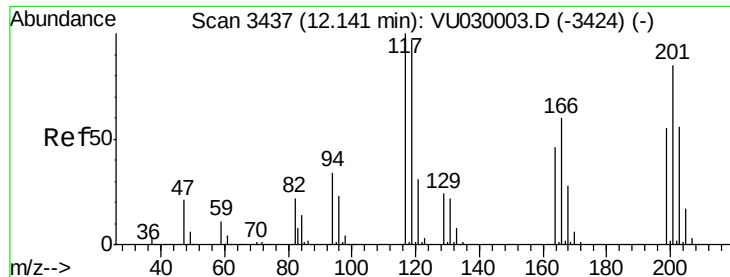
117 100

167 85.7 73.1 109.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 166.70 (166.40 to 167.40): V





#62

Hexachloroethane

Concen: 0.514 ug/l

RT: 12.14 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

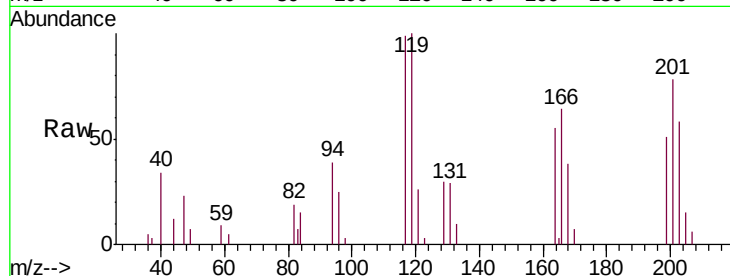
VSTDIC0.5

Tgt Ion:117 Resp: 6708

Ion Ratio Lower Upper

117 100

201 79.1 69.5 104.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

12.14

4000

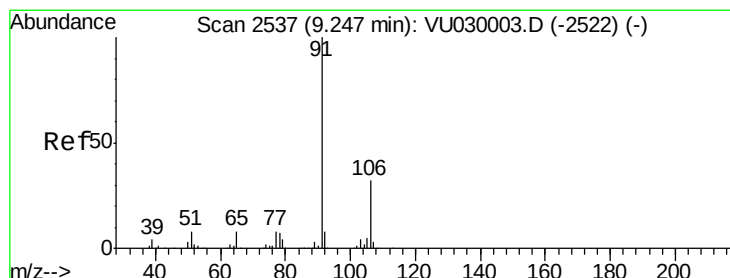
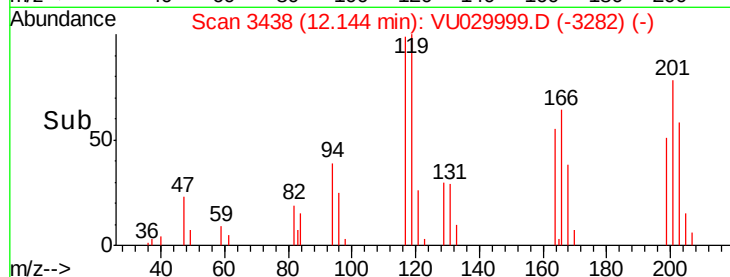
3000

2000

1000

0

Time--> 12.10 12.15 12.20



#63

Ethyl Benzene

Concen: 0.493 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU029999.D

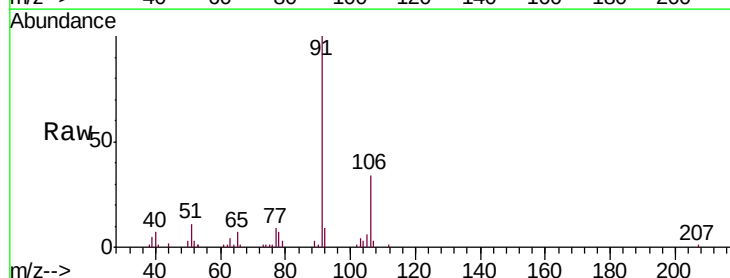
Acq: 12 Mar 2019 09:50

Tgt Ion: 91 Resp: 38530

Ion Ratio Lower Upper

91 100

106 34.3 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

40000

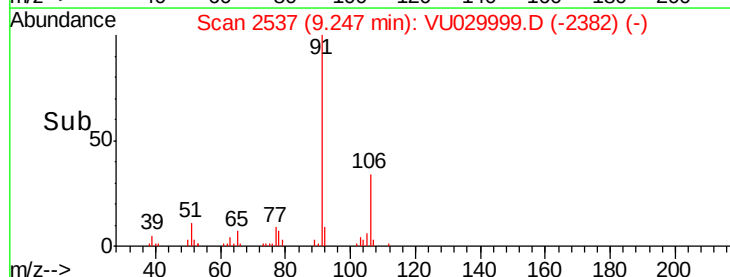
30000

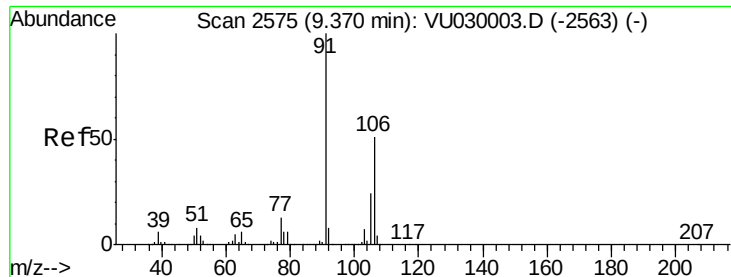
20000

10000

0

Time--> 9.20 9.25 9.30 9.35





#64

m/p-Xylenes

Concen: 0.944 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

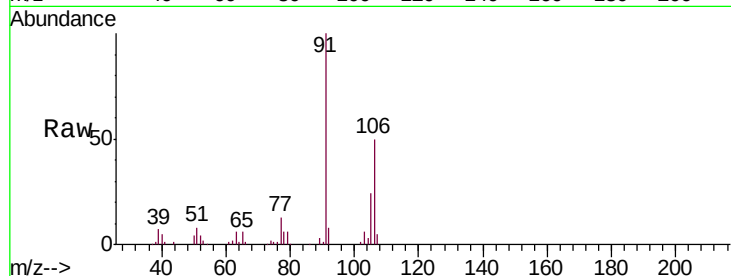
VSTDIC0.5

Tgt Ion:106 Resp: 29020

Ion Ratio Lower Upper

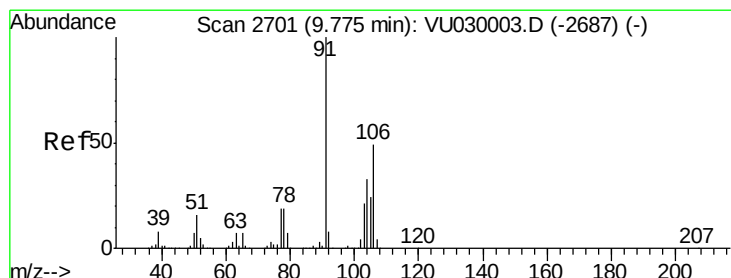
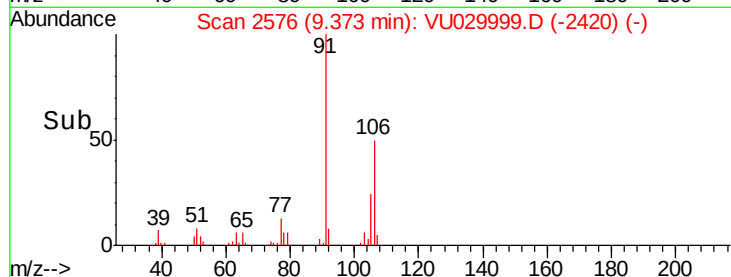
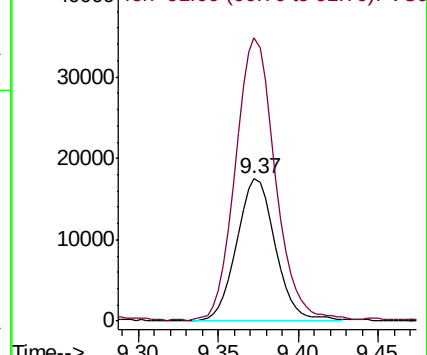
106 100

91 201.1 157.9 236.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#65

o-Xylene

Concen: 0.483 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU029999.D

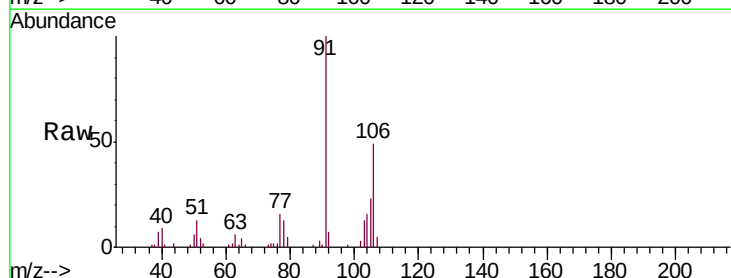
Acq: 12 Mar 2019 09:50

Tgt Ion:106 Resp: 14550

Ion Ratio Lower Upper

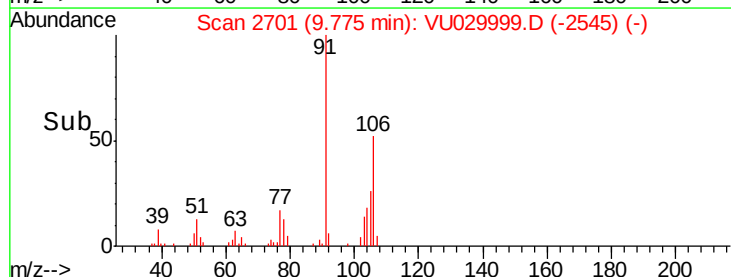
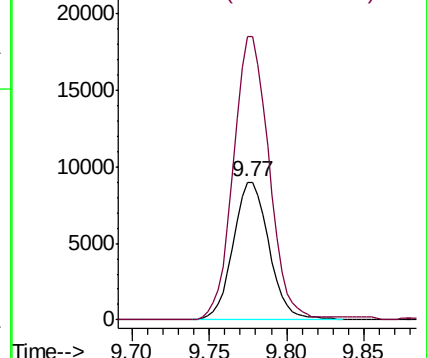
106 100

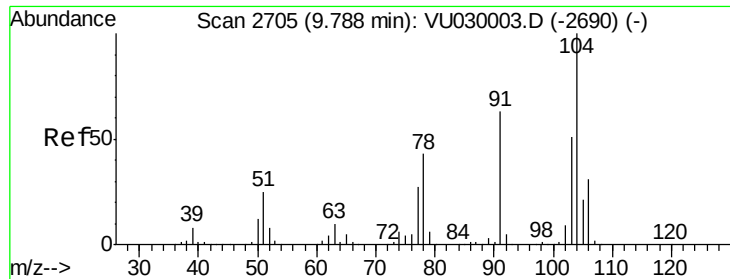
91 203.9 103.2 309.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

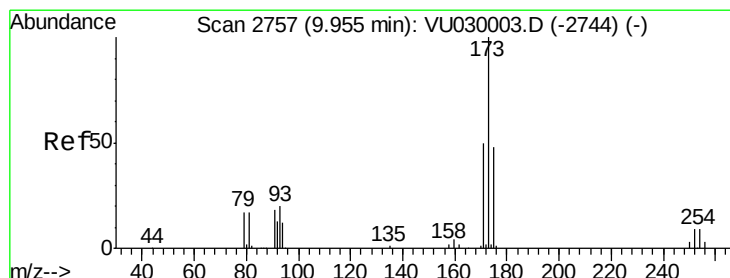
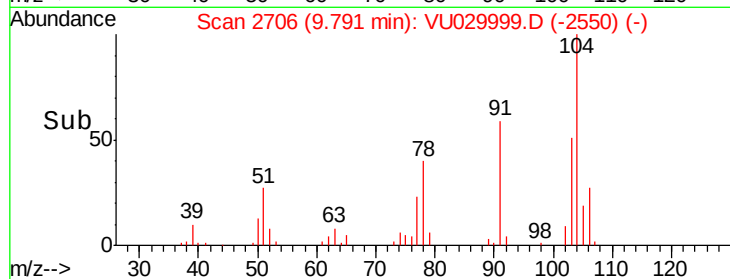
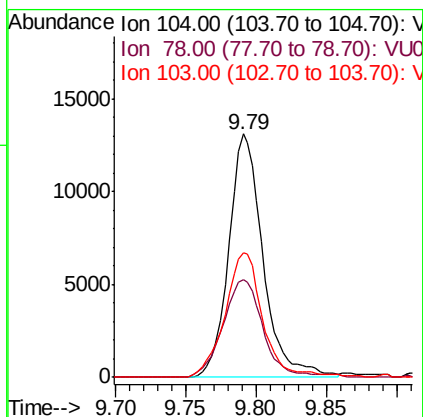
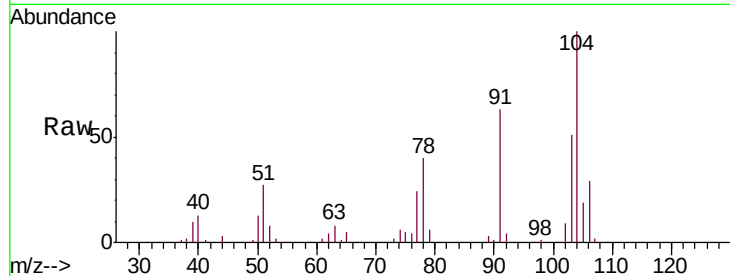




#66
Styrene
 Concen: 0.451 ug/l
 RT: 9.79 min Scan# 2706
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

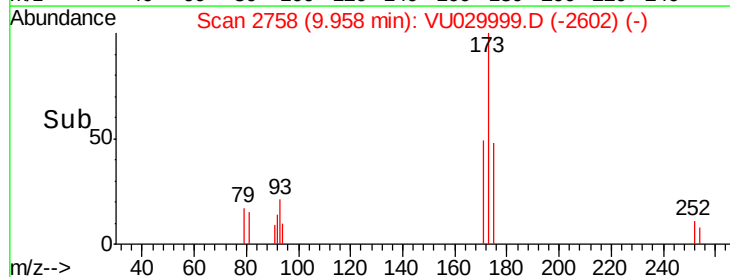
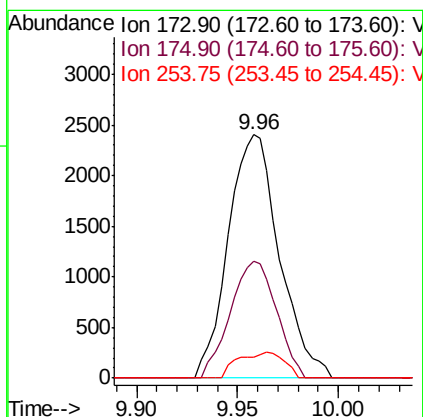
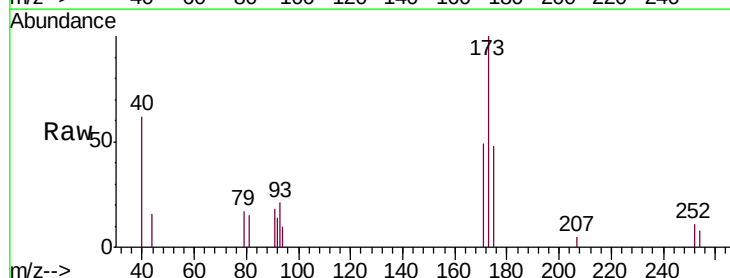
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

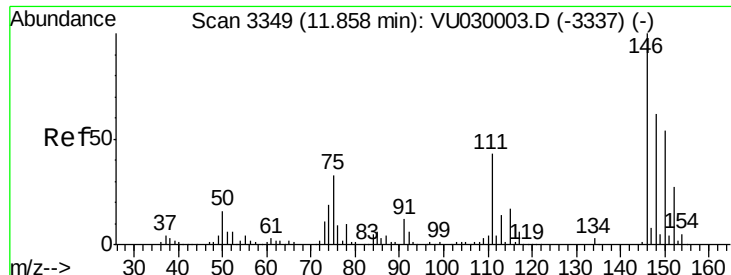
Tgt Ion:104 Resp: 22287
 Ion Ratio Lower Upper
 104 100
 78 46.4 37.0 55.4
 103 56.3 43.8 65.6



#67
Bromoform
 Concen: 0.483 ug/l
 RT: 9.96 min Scan# 2758
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Tgt Ion:173 Resp: 4262
 Ion Ratio Lower Upper
 173 100
 175 43.4 39.0 58.4
 254 9.5 7.0 10.4

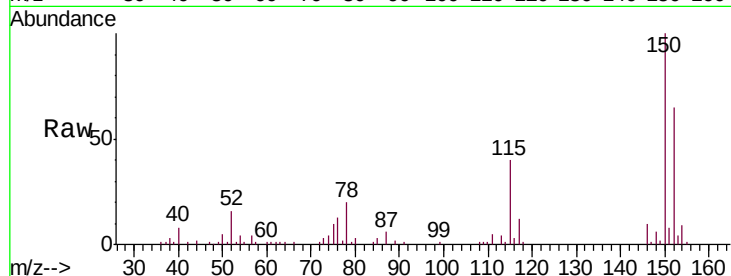




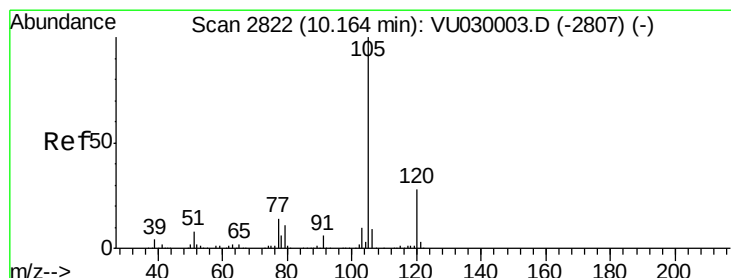
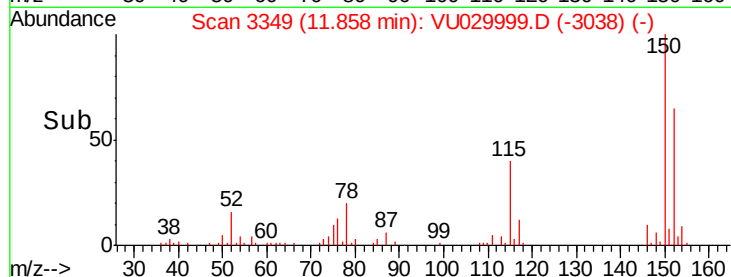
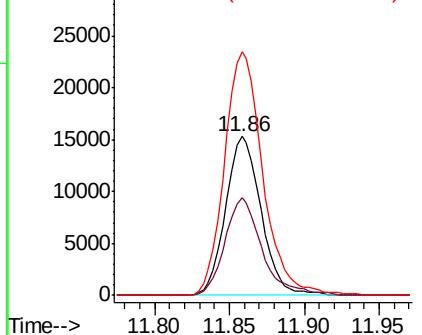
#68
 1,2-Dichlorobenzene-d4
 Concen: 0.483 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:152 Resp: 25229
 Ion Ratio Lower Upper
 152 100
 115 64.7 0.0 126.8
 150 165.6 0.0 634.2

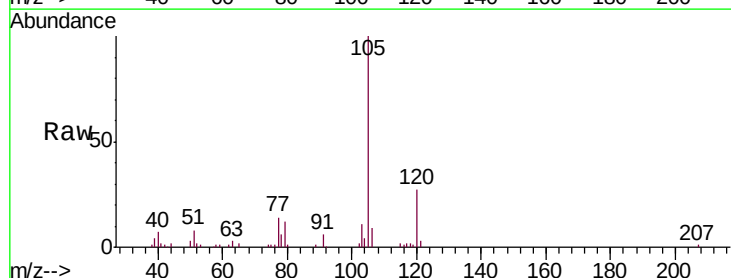


Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V

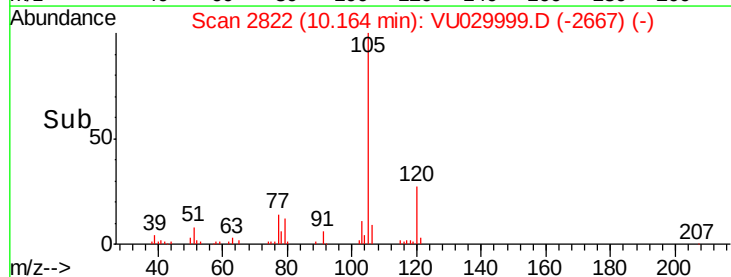
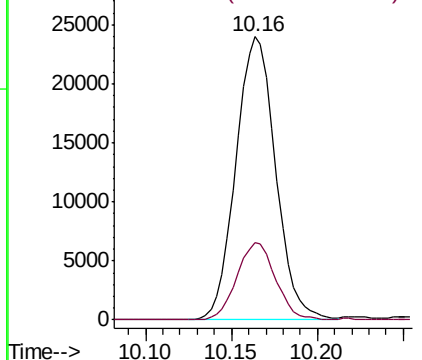


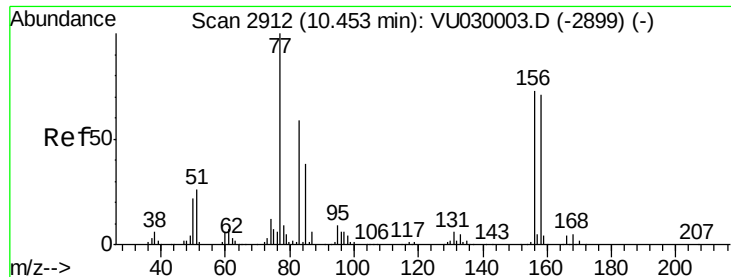
#69
 Isopropylbenzene
 Concen: 0.489 ug/l
 RT: 10.16 min Scan# 2822
 Delta R.T. -0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Tgt Ion:105 Resp: 38450
 Ion Ratio Lower Upper
 105 100
 120 26.3 13.5 40.5



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





#70

1,1,2,2-Tetrachloroethane

Concen: 0.523 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampled :

VSTDIC0.5

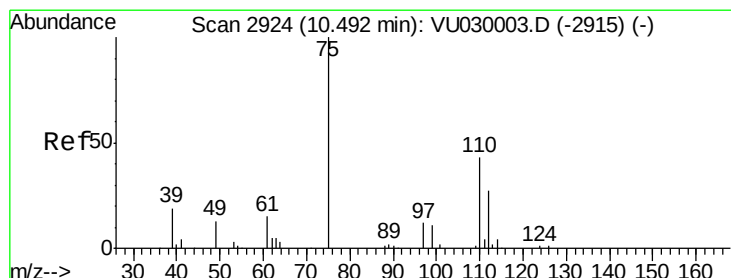
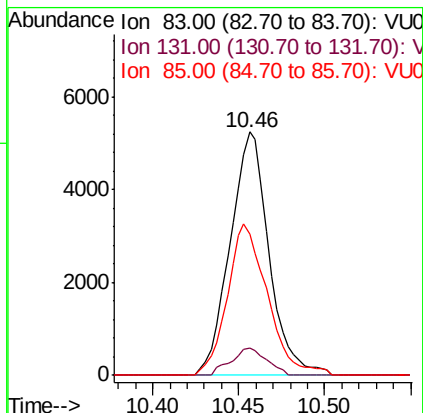
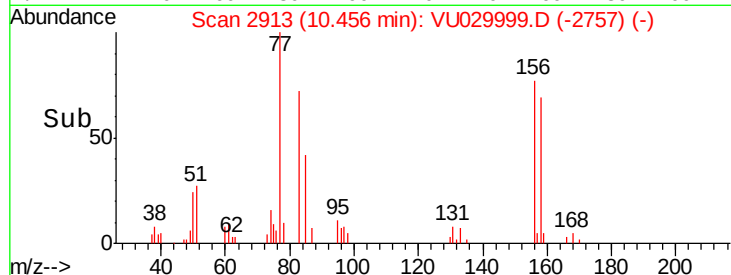
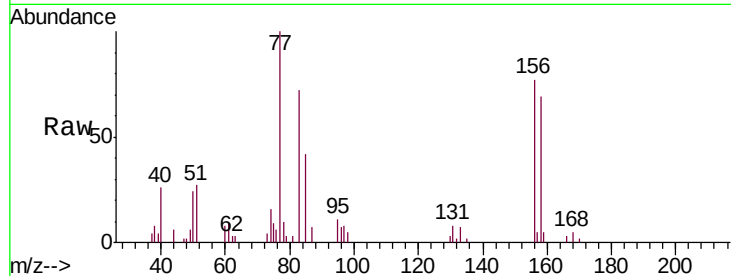
Tgt Ion: 83 Resp: 8278

Ion Ratio Lower Upper

83 100

131 10.1 8.4 12.6

85 64.2 52.6 78.8



#71

1,2,3-Trichloropropane

Concen: 0.457 ug/l

RT: 10.49 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Tgt Ion: 75 Resp: 5367

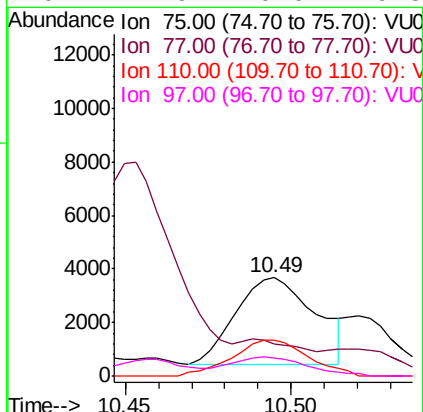
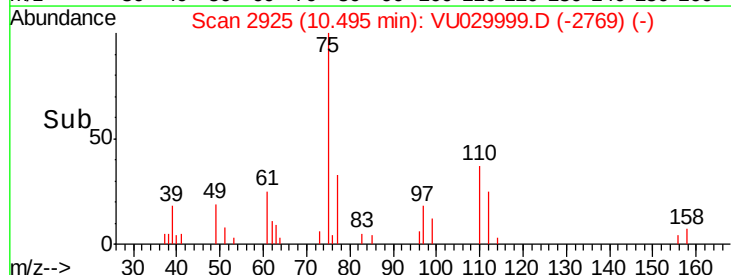
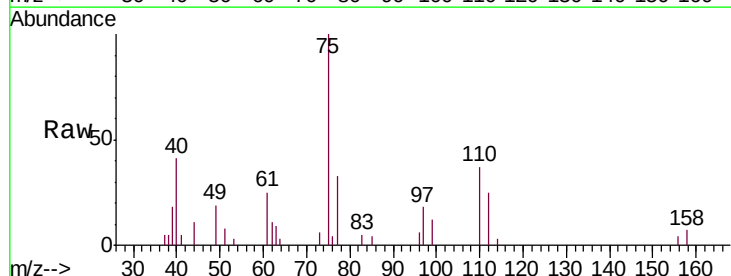
Ion Ratio Lower Upper

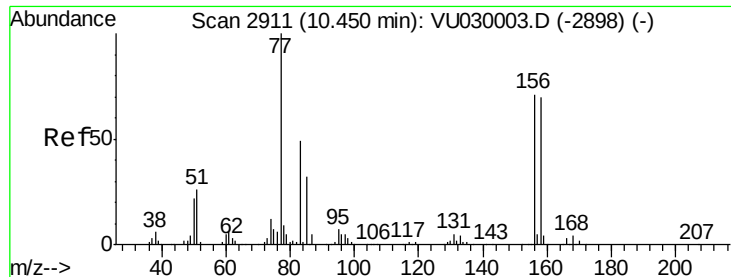
75 100

77 0.0 0.0 16.8

110 39.5 0.0 76.8

97 21.9 0.0 40.8





#72

Bromobenzene

Concen: 0.497 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

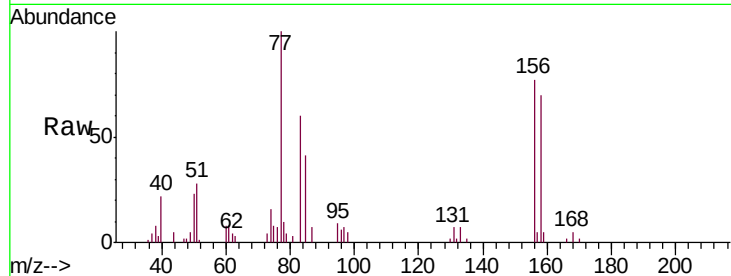
Tgt Ion:156 Resp: 10247

Ion Ratio Lower Upper

156 100

77 139.5 0.0 278.6

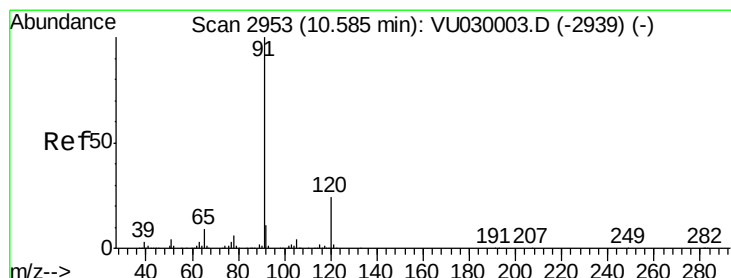
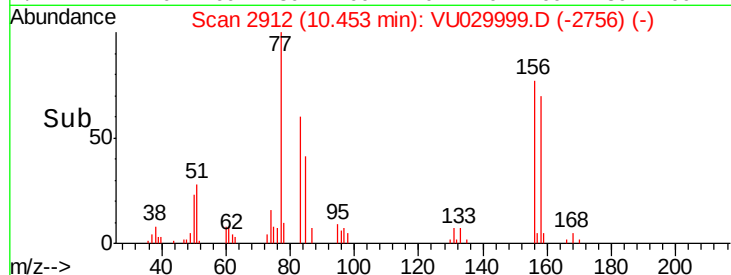
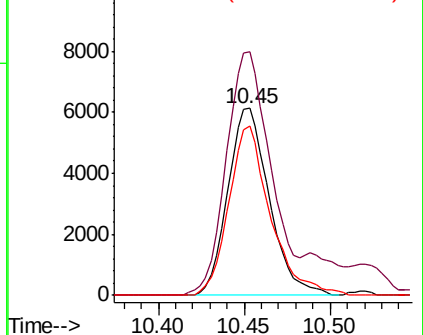
158 91.1 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#73

n-propylbenzene

Concen: 0.471 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029999.D

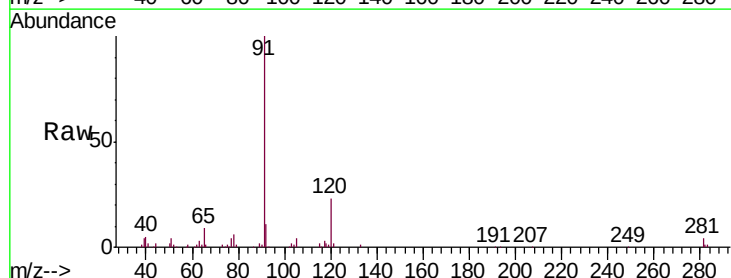
Acq: 12 Mar 2019 09:50

Tgt Ion:120 Resp: 10490

Ion Ratio Lower Upper

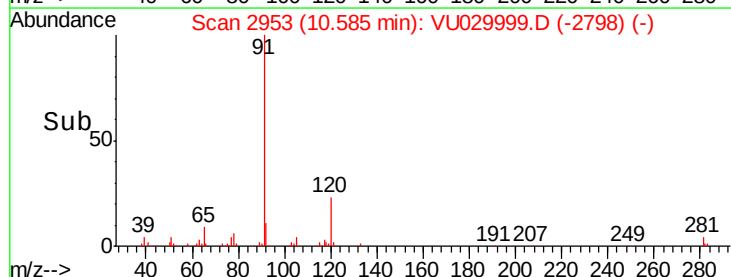
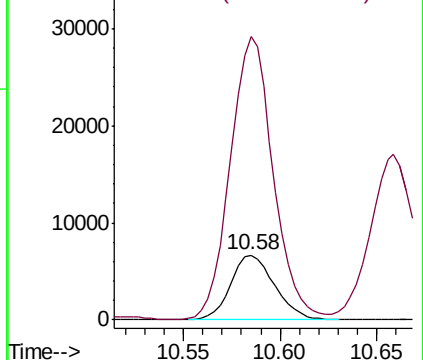
120 100

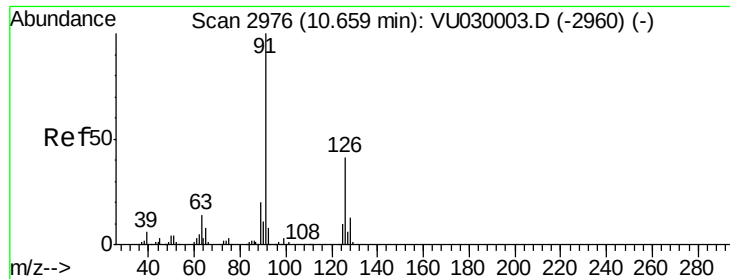
91 430.1 335.4 503.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 0.493 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

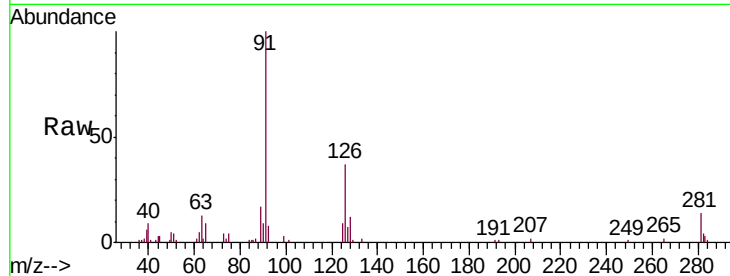
VSTDIC0.5

Tgt Ion:126 Resp: 9622

Ion Ratio Lower Upper

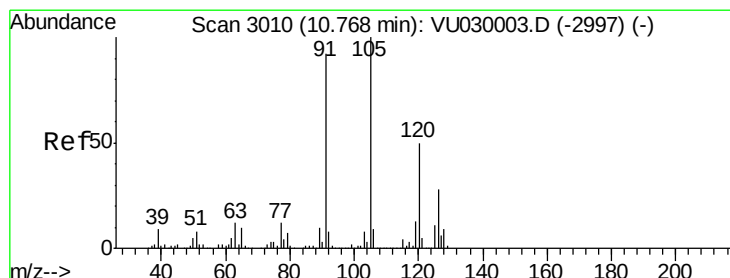
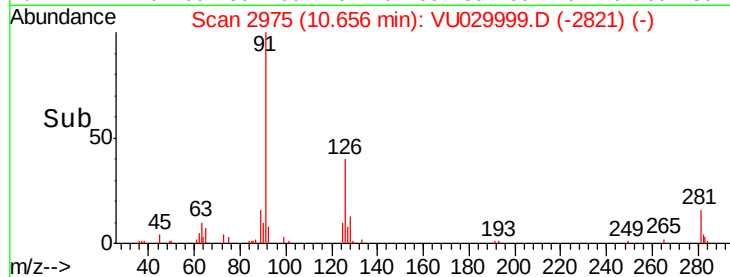
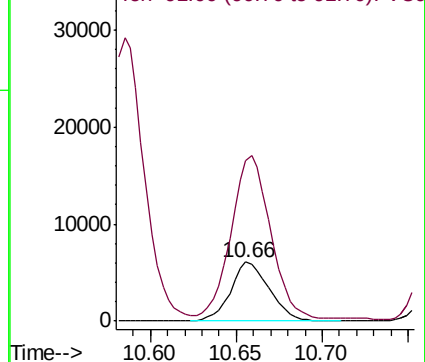
126 100

91 281.8 0.0 561.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 0.467 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029999.D

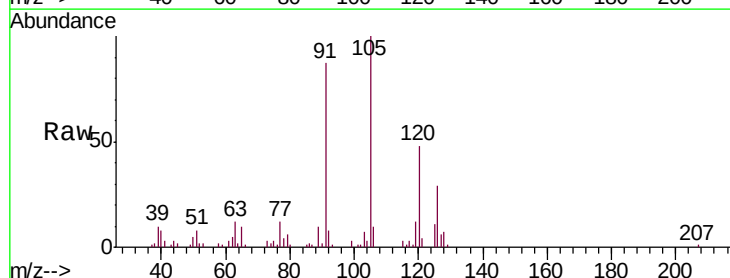
Acq: 12 Mar 2019 09:50

Tgt Ion:105 Resp: 31267

Ion Ratio Lower Upper

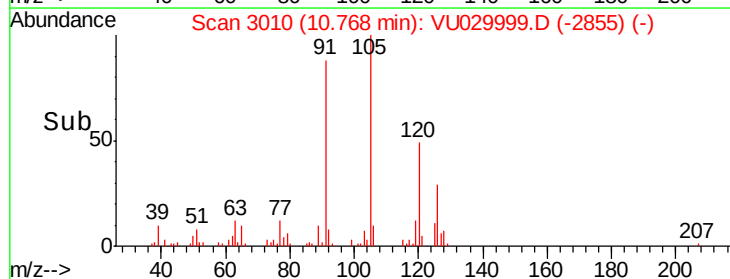
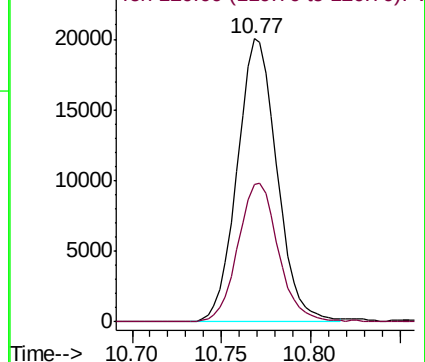
105 100

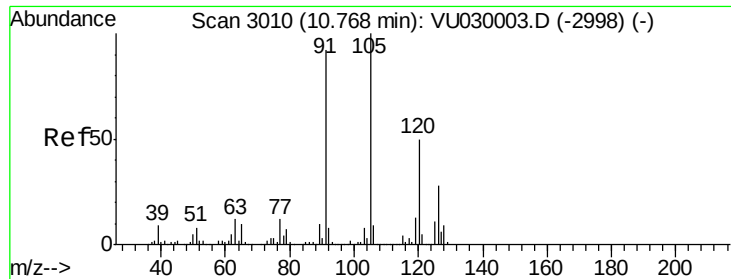
120 49.5 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

4-Chlorotoluene

Concen: 0.491 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

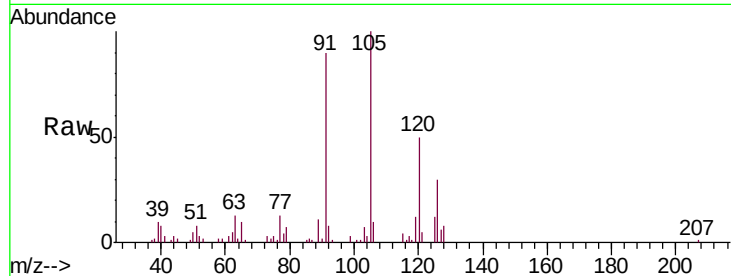
VSTDIC0.5

Tgt Ion:126 Resp: 9791

Ion Ratio Lower Upper

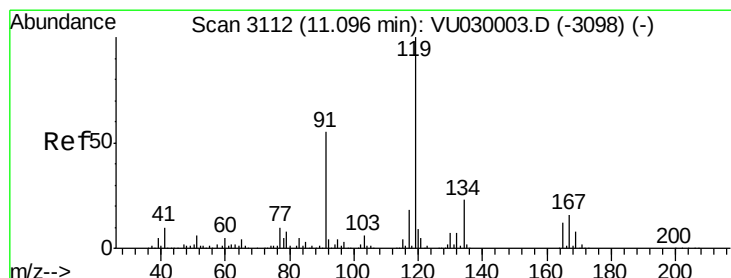
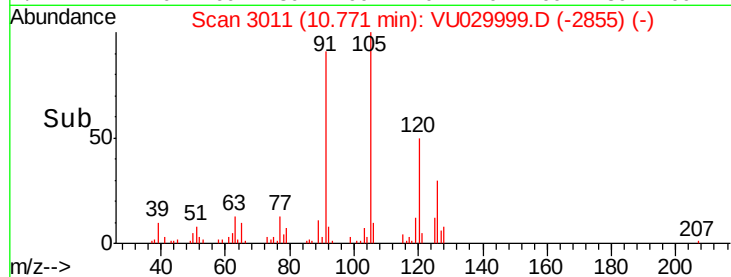
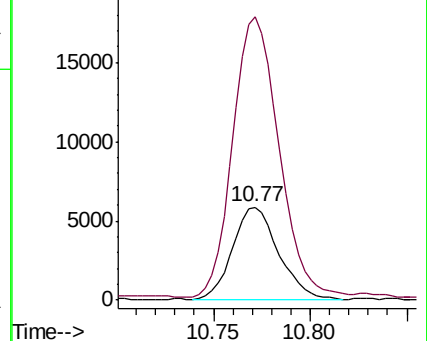
126 100

91 300.1 0.0 641.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#77

tert-Butylbenzene

Concen: 0.478 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

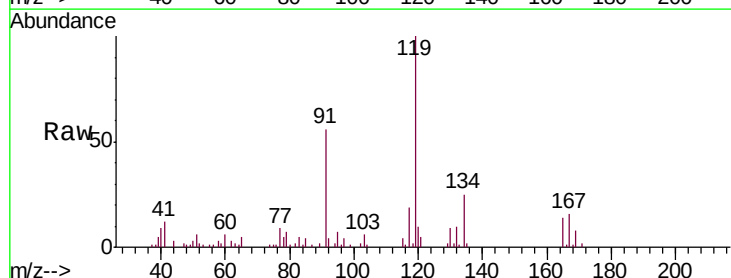
Tgt Ion:119 Resp: 31332

Ion Ratio Lower Upper

119 100

91 54.8 27.6 82.8

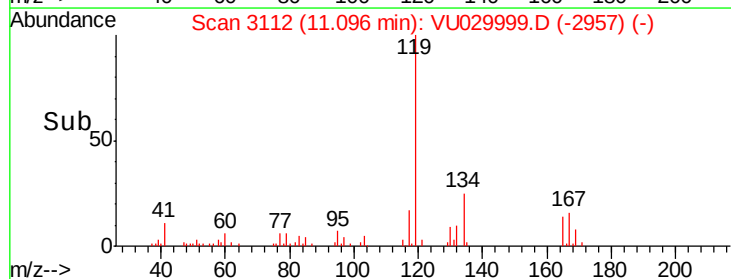
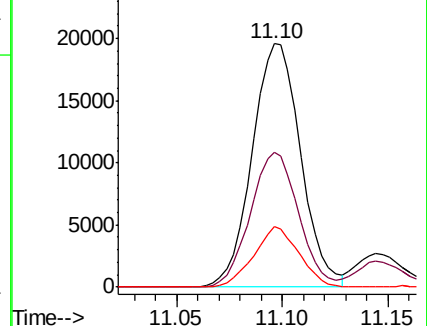
134 23.0 18.7 28.1

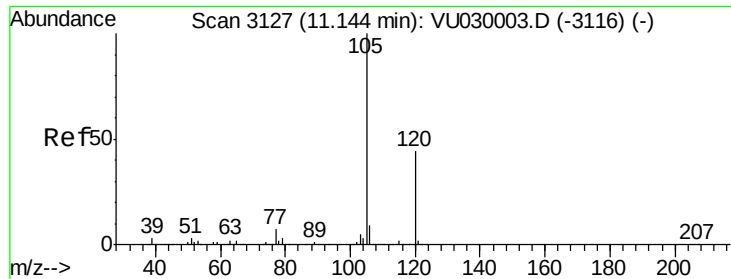


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V

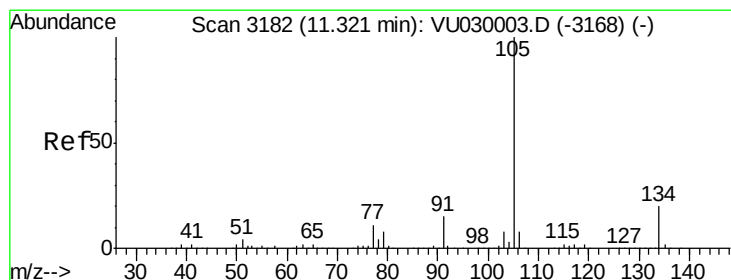
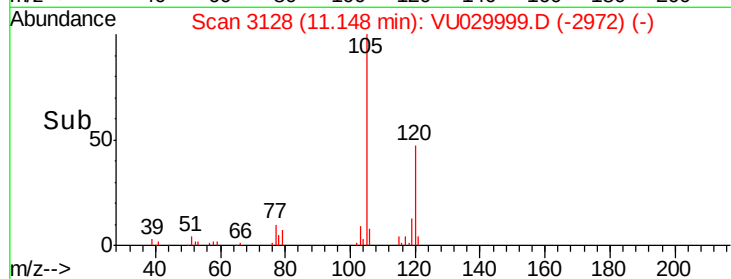
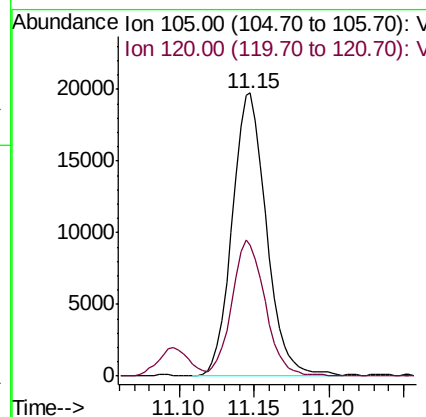
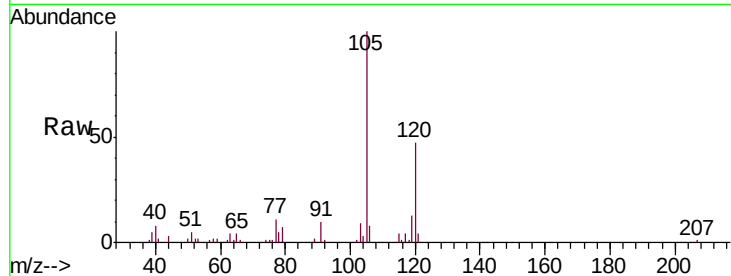




#78
 1,2,4-Trimethylbenzene
 Concen: 0.463 ug/l
 RT: 11.15 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

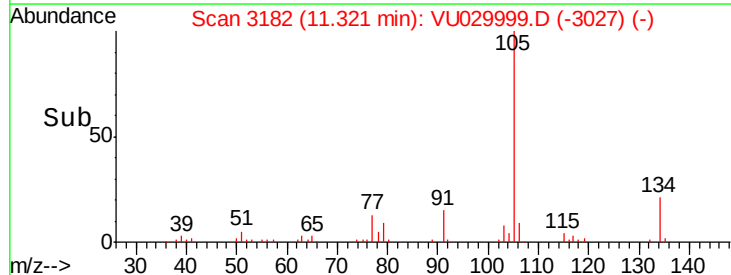
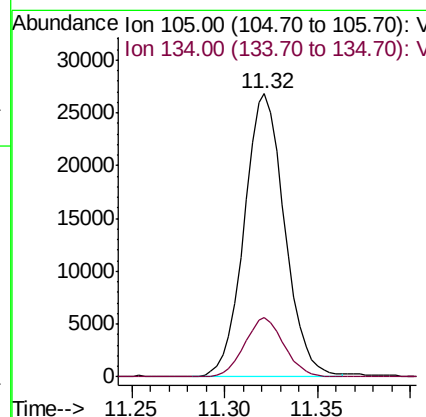
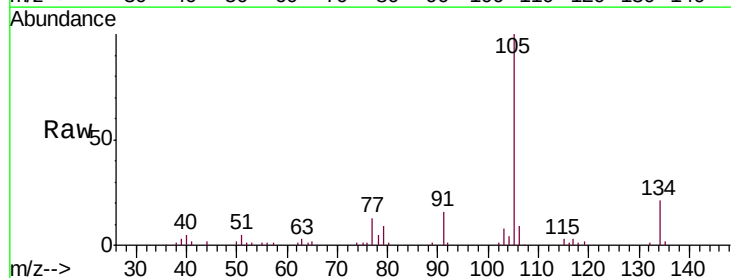
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

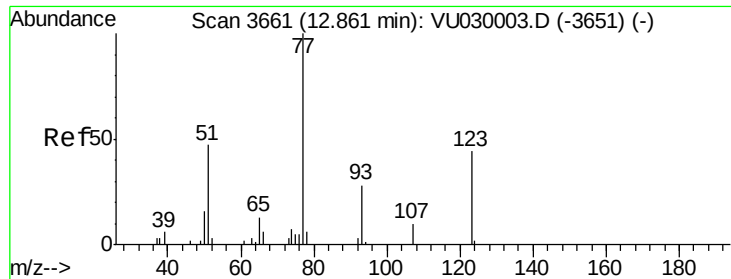
Tgt Ion:105 Resp: 31525
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.5 70.6



#79
 sec-Butylbenzene
 Concen: 0.464 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Tgt Ion:105 Resp: 40729
 Ion Ratio Lower Upper
 105 100
 134 20.3 16.1 24.1

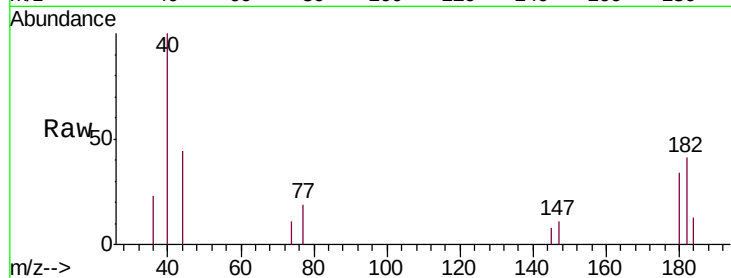




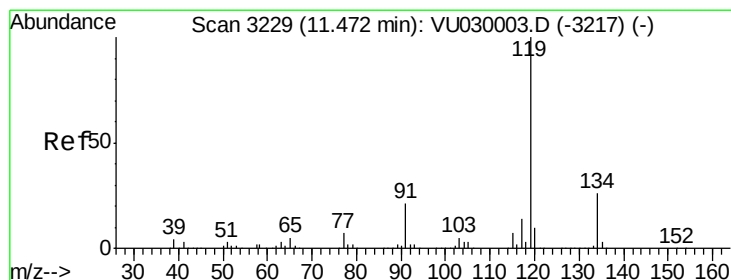
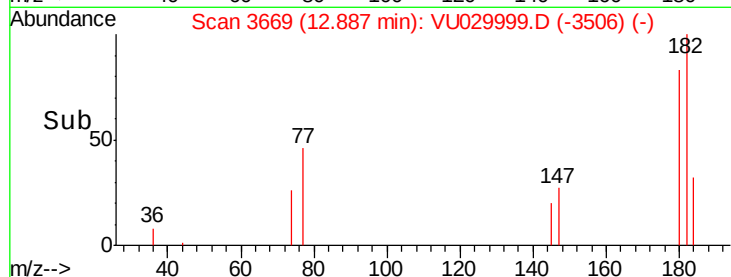
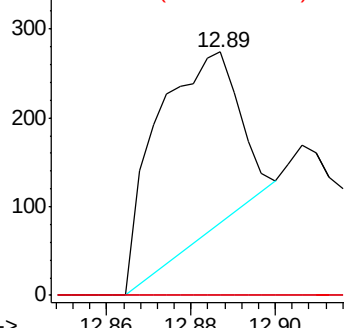
#80
Nitrobenzene
Concen: 1.001 ug/l
RT: 12.89 min Scan# 3669
Delta R.T. 0.03 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 77 Resp: 296
Ion Ratio Lower Upper
77 100
123 0.0 19.9 70.5#
65 0.0 10.8 13.8#

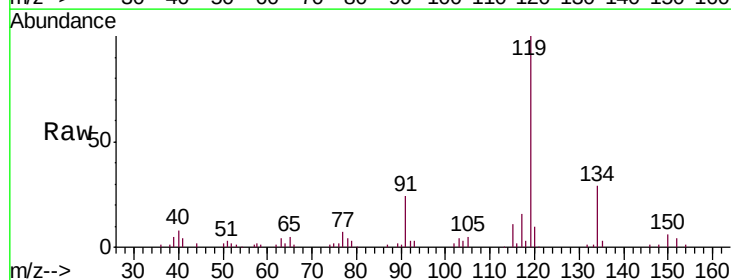


Abundance Ion 77.00 (76.70 to 77.70): VU0
Ion 123.00 (122.70 to 123.70): V
Ion 65.00 (64.70 to 65.70): VU0

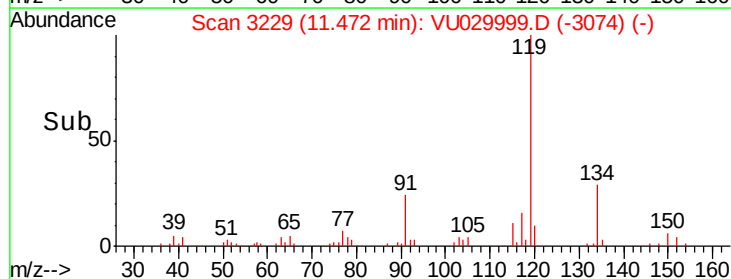
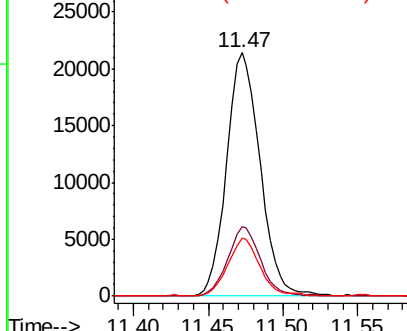


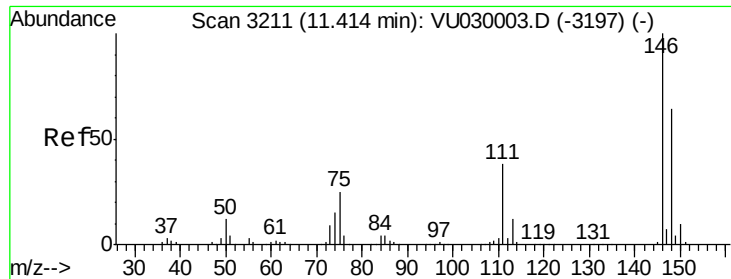
#81
p-Isopropyltoluene
Concen: 0.454 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

Tgt Ion: 119 Resp: 33410
Ion Ratio Lower Upper
119 100
134 27.6 21.2 31.8
91 22.7 17.0 25.6



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

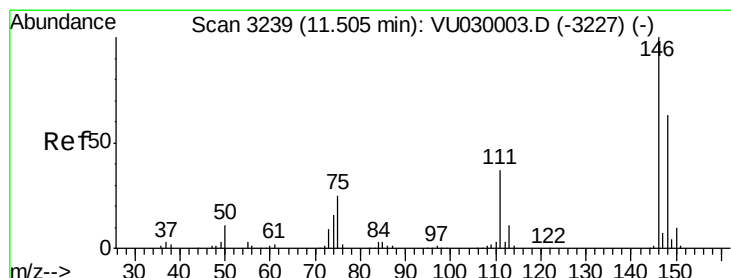
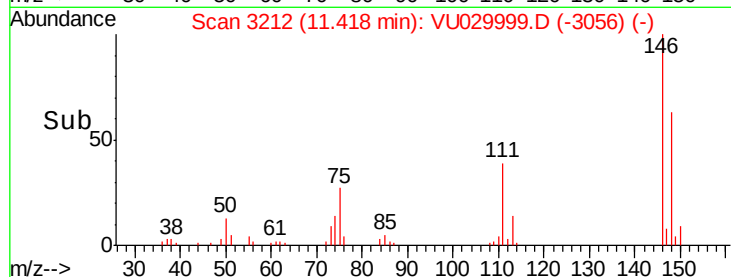
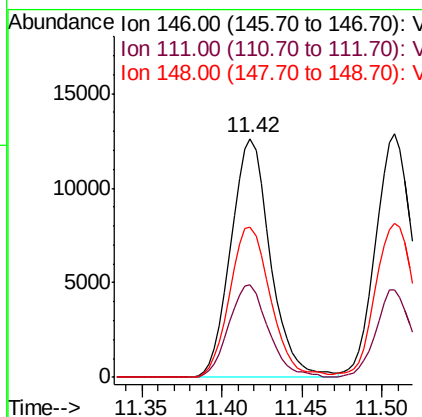
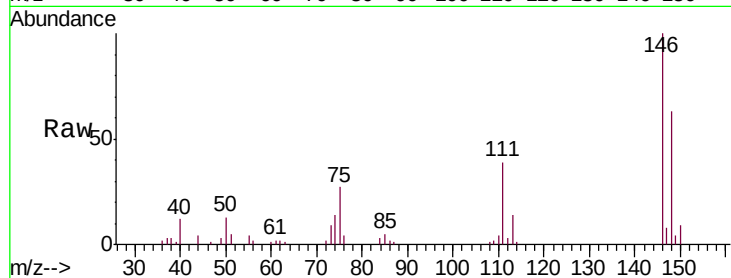




#82
 1,3-Dichlorobenzene
 Concen: 0.510 ug/l
 RT: 11.42 min Scan# 3212
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

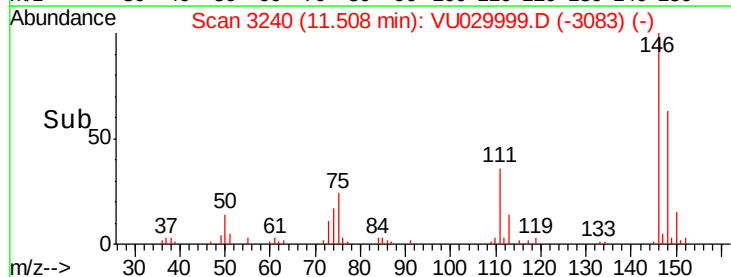
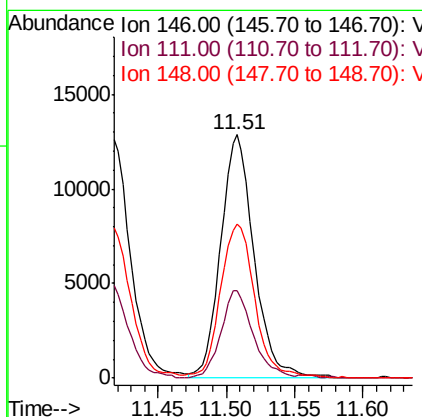
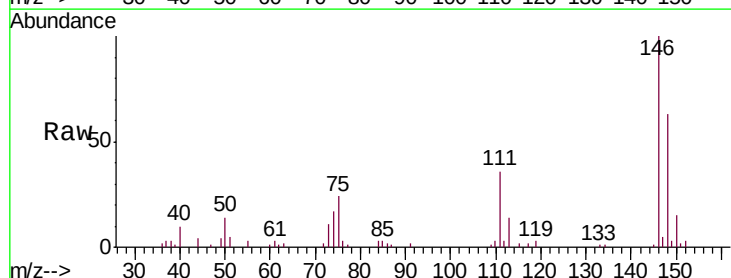
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

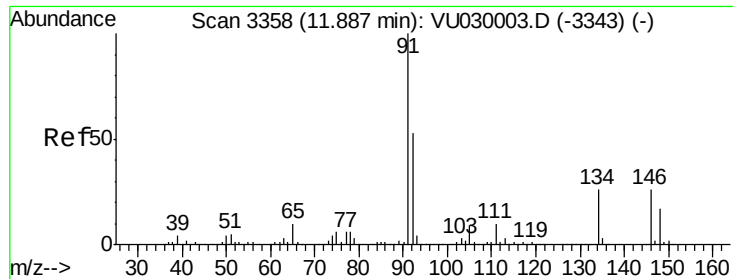
Tgt Ion:146 Resp: 21213
 Ion Ratio Lower Upper
 146 100
 111 38.8 30.3 45.5
 148 65.4 51.1 76.7



#83
 1,4-Dichlorobenzene
 Concen: 0.523 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Tgt Ion:146 Resp: 21864
 Ion Ratio Lower Upper
 146 100
 111 34.7 29.3 43.9
 148 65.6 50.6 76.0

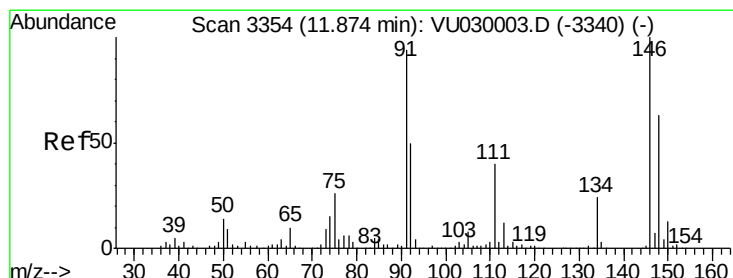
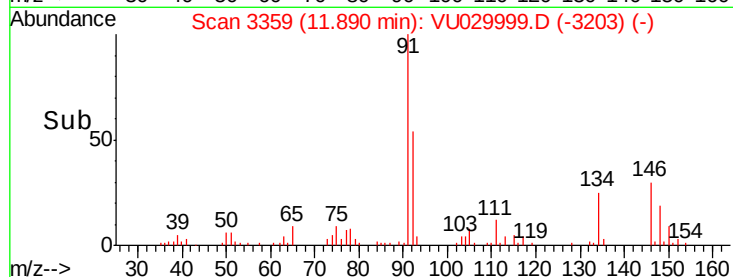
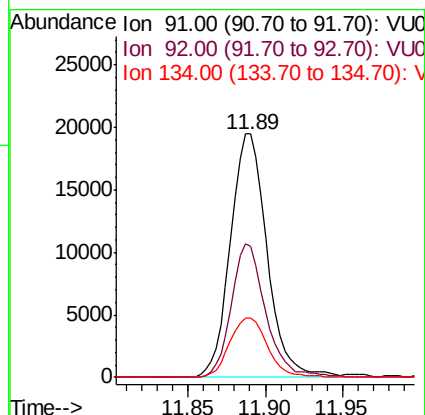
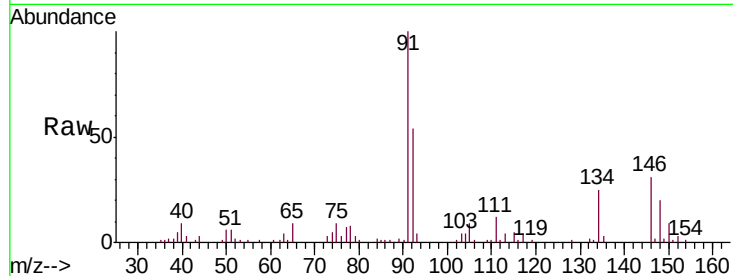




#84
n-Butylbenzene
Concen: 0.466 ug/l
RT: 11.89 min Scan# 3359
Delta R.T. 0.00 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

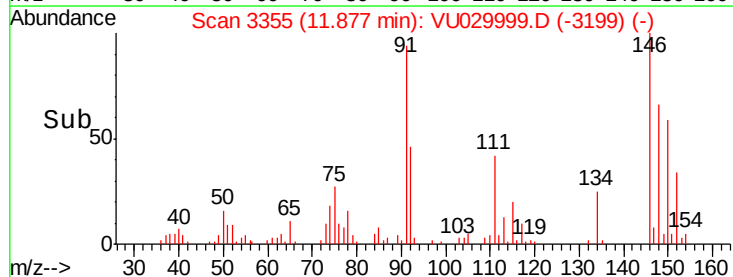
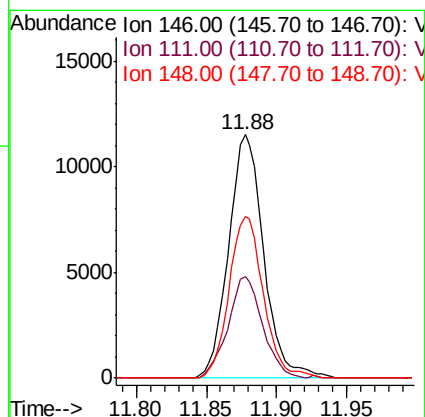
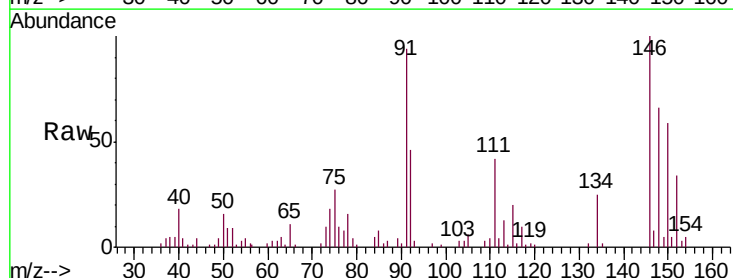
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

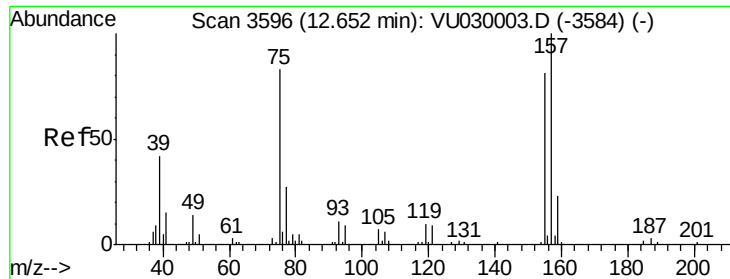
Tgt Ion: 91 Resp: 32033
Ion Ratio Lower Upper
91 100
92 51.2 42.4 63.6
134 25.2 21.4 32.0



#85
1,2-Dichlorobenzene
Concen: 0.517 ug/l
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU029999.D
Acq: 12 Mar 2019 09:50

Tgt Ion: 146 Resp: 20024
Ion Ratio Lower Upper
146 100
111 41.0 19.9 59.7
148 65.2 31.7 95.1

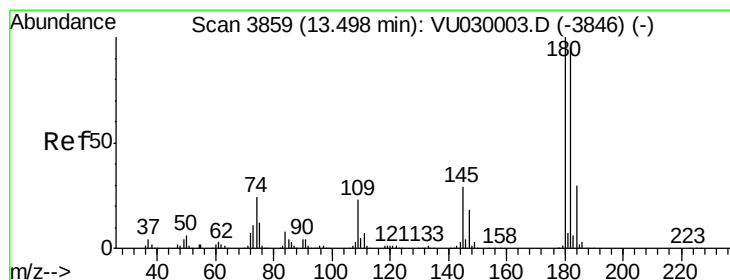
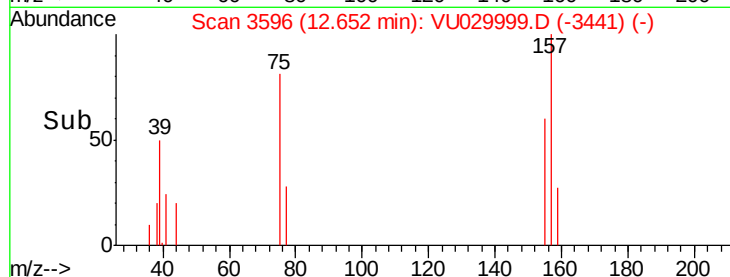
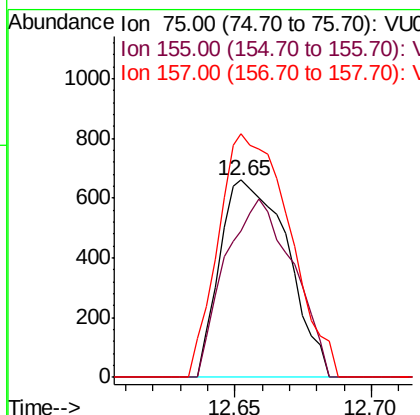
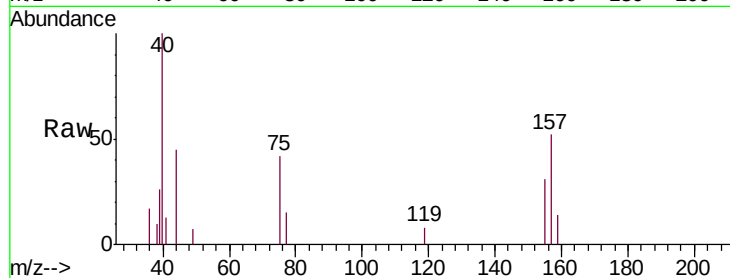




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.499 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

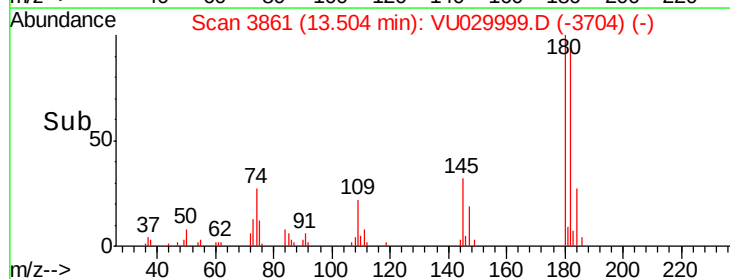
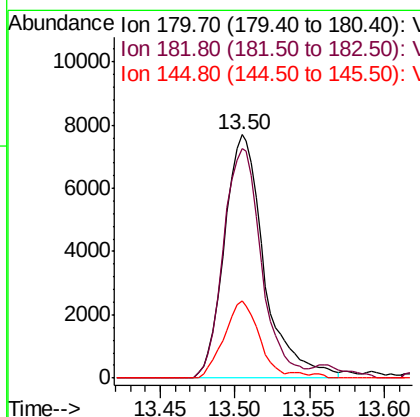
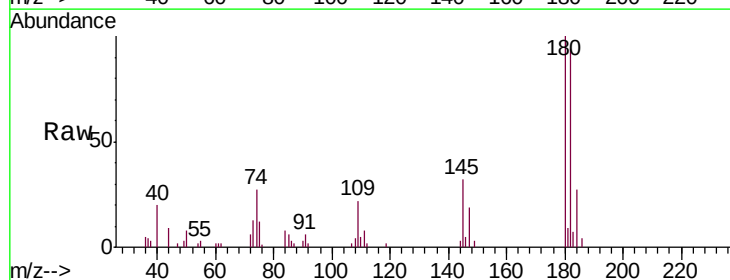
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

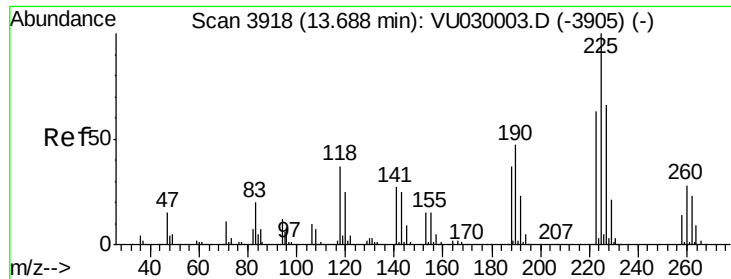
Tgt Ion: 75 Resp: 1138
 Ion Ratio Lower Upper
 75 100
 155 90.9 78.2 117.4
 157 130.1 97.2 145.8



#87
 1,2,4-Trichlorobenzene
 Concen: 0.512 ug/l
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.01 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Tgt Ion: 180 Resp: 14321
 Ion Ratio Lower Upper
 180 100
 182 90.0 76.2 114.2
 145 28.3 23.0 34.6





#88

Hexachlorobutadiene

Concen: 0.518 ug/l

RT: 13.69 min Scan# 3918

Delta R.T. -0.00 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

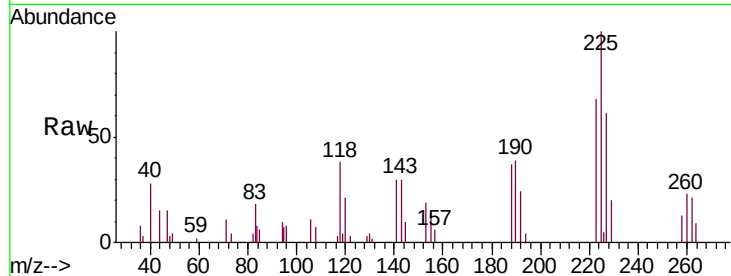
Tgt Ion:225 Resp: 7856

Ion Ratio Lower Upper

225 100

223 62.8 50.7 76.1

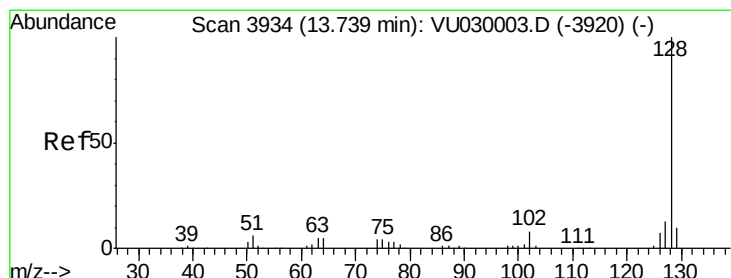
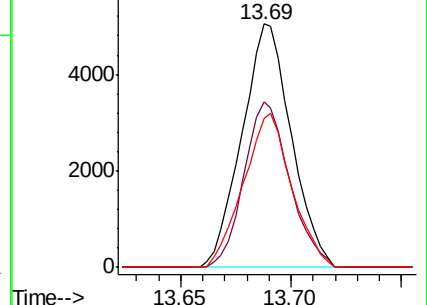
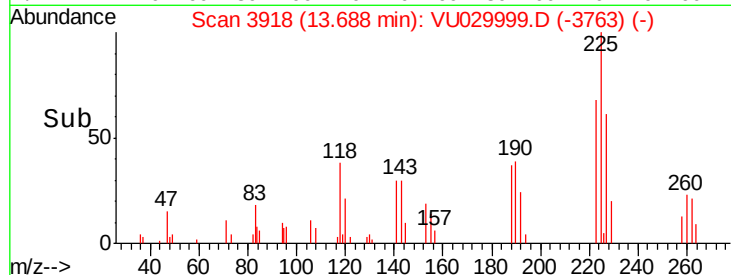
227 61.5 52.6 78.8



Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V



#89

Naphthalene

Concen: 0.434 ug/l

RT: 13.75 min Scan# 3936

Delta R.T. 0.01 min

Lab File: VU029999.D

Acq: 12 Mar 2019 09:50

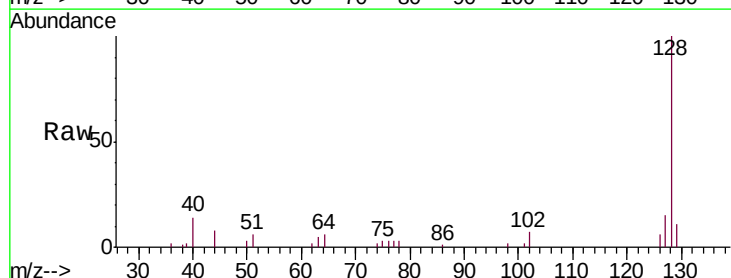
Tgt Ion:128 Resp: 19009

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

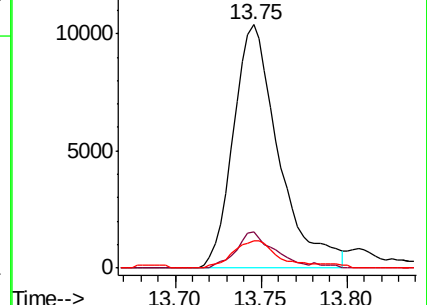
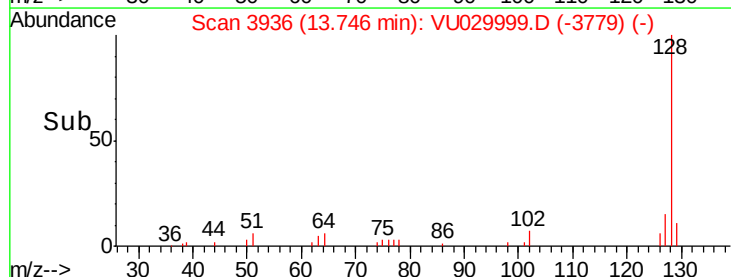
129 12.0 8.5 12.7

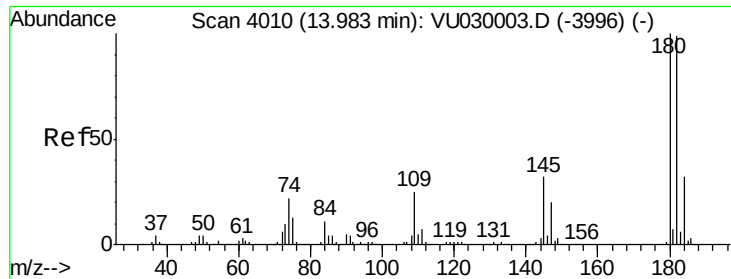


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

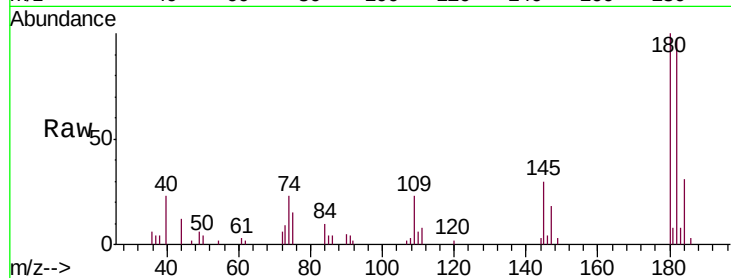




#90
 1,2,3-Trichlorobenzene
 Concen: 0.498 ug/l
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VU029999.D
 Acq: 12 Mar 2019 09:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:180 Resp: 12605
 Ion Ratio Lower Upper
 180 100
 182 101.2 77.6 116.4
 145 28.9 24.7 37.1



Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.70 (181.40 to 182.40): V
 Ion 144.80 (144.50 to 145.50): V

