

Data File : VU030609.D
Acq On : 02 Apr 2019 18:58
Operator : JC/SP
Sample : VSTDIC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Quant Time: Apr 03 01:53:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U040219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Apr 03 01:47:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	35350	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	12895	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	11806	0.82	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	25600	1.921 ug/l	95
3) Chloromethane	1.32	50	32415	2.146 ug/l	100
4) Vinyl Chloride	1.40	62	30041	2.253 ug/l	98
5) Bromomethane	1.63	94	13095	1.782 ug/l	98
6) Chloroethane	1.70	64	17218	2.252 ug/l	93
7) Trichlorofluoromethane	1.88	101	34127	2.005 ug/l	92
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	16947	1.860 ug/l	99
9) 1,1-Dichloroethene	2.28	96	17348	1.930 ug/l	96
10) Iodomethane	2.41	142	20621	2.454 ug/l	99
11) Allyl Chloride	2.59	41	37462	2.680 ug/l	100
12) Acrylonitrile	2.94	53	10718	5.059 ug/l	96
13) Acetone	2.32	43	27644	14.792 ug/l	97
14) Carbon Disulfide	2.47	76	61978	1.967 ug/l	100
15) Methylene Chloride	2.70	84	23475	2.174 ug/l	90
16) trans-1,2-Dichloroethene	2.98	96	19275	1.867 ug/l	98
17) 1,1-Dichloroethane	3.44	63	40032	2.209 ug/l	98
18) 2-Butanone	4.28	43	32550	12.497 ug/l	98
19) Cyclohexane	4.98	56	28127	1.811 ug/l	89
20) Methylcyclohexane	6.41	83	24589	1.509 ug/l	93
21) 2,2-Dichloropropane	4.22	77	31833	2.109 ug/l	96
22) cis-1,2-Dichloroethene	4.22	96	19757	1.720 ug/l	95
23) Diethyl Ether	2.10	59	17927	2.523 ug/l	94
24) tert-Butyl Alcohol	2.83	59	20284	25.794 ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	53369	2.262 ug/l	100
26) Bromochloromethane	4.55	128	8892	1.777 ug/l	99
27) Chloroform	4.67	83	37374	1.992 ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	31108	2.028 ug/l	98
29) 1,1-Dichloropropene	5.13	75	25509	1.830 ug/l	98
30) Carbon Tetrachloride	5.13	117	26770	1.959 ug/l	96
31) Isopropyl Ether	3.58	45	63797	2.404 ug/l	97
32) Ethyl-t-butyl ether	4.07	59	51201	2.084 ug/l	98
33) Tert-Amyl methyl ether	5.58	73	41884	1.899 ug/l	98
34) Propionitrile	4.34	54	8314	11.683 ug/l #	94
35) Benzene	5.38	78	79272	1.945 ug/l	99
36) 1,2-Dichloroethane	5.40	62	25822	2.282 ug/l	97
37) Trichloroethene	6.18	130	18040	1.583 ug/l	89
38) 1,2-Dichloropropane	6.43	63	22120	2.085 ug/l	94
39) Methacrylonitrile	4.56	41	8195	2.575 ug/l	92
40) Methyl acrylate	4.43	55	9980	2.067 ug/l #	87
41) Tetrahydrofuran	4.66	42	9357	5.330 ug/l	92
42) 1-Chlorobutane	5.06	56	38238	2.028 ug/l	91

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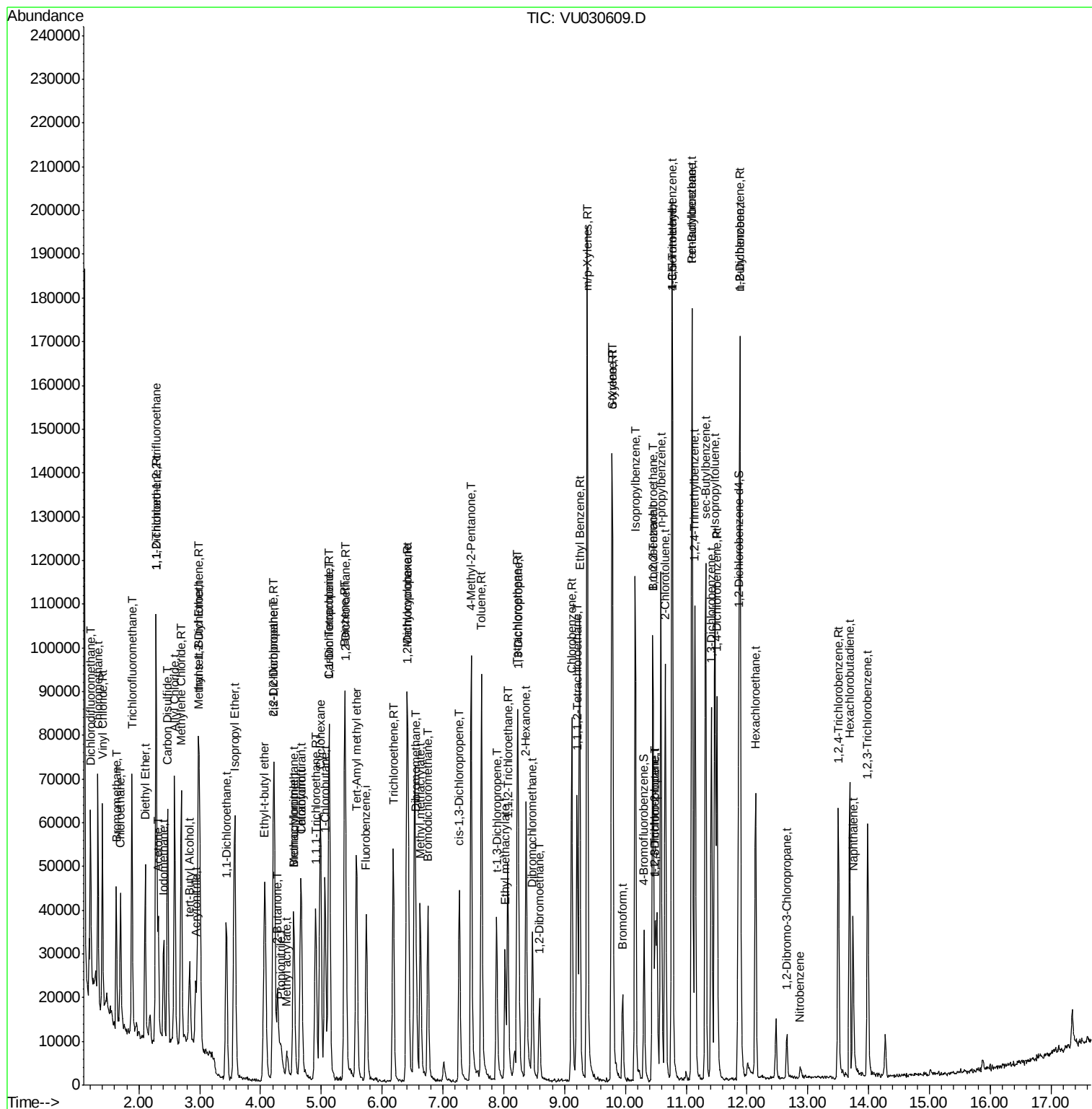
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	10436	1.930	ug/l	97
44) Bromodichloromethane	6.76	83	27364	2.103	ug/l	96
45) 4-Methyl-2-Pentanone	7.46	43	73089	12.480	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	23823	11.156	ug/l #	56
47) Methyl methacrylate	6.63	69	18521	3.983	ug/l	96
48) Ethyl methacrylate	8.02	69	16925	1.964	ug/l	98
49) Toluene	7.63	92	43118	1.780	ug/l	94
50) t-1,3-Dichloropropene	7.88	75	23641	2.035	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	27913	1.929	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	14931	1.965	ug/l	98
53) 1,3-Dichloropropane	8.24	76	25988	2.014	ug/l	98
54) 2-Hexanone	8.37	43	48215	11.603	ug/l	95
55) Dibromochloromethane	8.47	129	17361	1.922	ug/l	93
56) 1,2-Dibromoethane	8.59	107	13191	1.820	ug/l	92
58) Tetrachloroethene	8.22	164	16707	1.626	ug/l	96
59) Chlorobenzene	9.12	112	45074	1.650	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	17641	1.811	ug/l	98
61) Pentachloroethane	11.10	117	13860	1.844	ug/l	98
62) Hexachloroethane	12.14	117	12910	1.733	ug/l	98
63) Ethyl Benzene	9.25	91	74814	1.647	ug/l	100
64) m/p-Xylenes	9.37	106	53381	3.038	ug/l	97
65) o-Xylene	9.77	106	26633	1.546	ug/l	96
66) Styrene	9.79	104	43778	1.540	ug/l	98
67) Bromoform	9.96	173	9487	1.851	ug/l	99
69) Isopropylbenzene	10.16	105	70668	1.564	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.45	83	20429	2.150	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	23823	3.329	ug/l #	79
72) Bromobenzene	10.45	156	18798	1.610	ug/l	95
73) n-propylbenzene	10.58	120	17858	1.408	ug/l	91
74) 2-Chlorotoluene	10.66	126	18013	1.618	ug/l	91
75) 1,3,5-Trimethylbenzene	10.77	105	59208	1.541	ug/l	99
76) 4-Chlorotoluene	10.77	126	17128	1.510	ug/l	96
77) tert-Butylbenzene	11.10	119	58390	1.561	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	59815	1.530	ug/l	100
79) sec-Butylbenzene	11.32	105	76897	1.530	ug/l	100
80) Nitrobenzene	12.88	77	2365	11.859	ug/l #	79
81) p-Isopropyltoluene	11.47	119	59873	1.433	ug/l	98
82) 1,3-Dichlorobenzene	11.41	146	35541	1.514	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	34540	1.463	ug/l	98
84) n-Butylbenzene	11.89	91	59872	1.511	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	33009	1.508	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3326	2.401	ug/l	85
87) 1,2,4-Trichlorobenzene	13.50	180	18946	1.226	ug/l	94
88) Hexachlorobutadiene	13.69	225	11497	1.361	ug/l	97
89) Naphthalene	13.74	128	32781	1.343	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	18876	1.334	ug/l	100

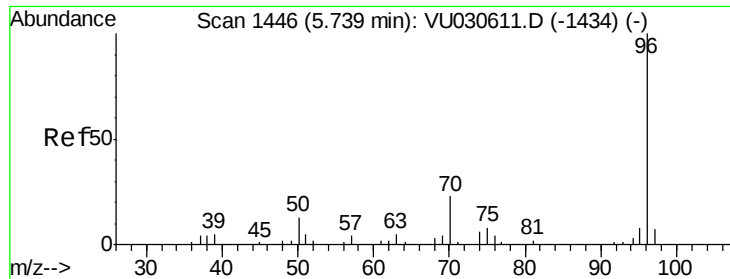
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 96 Resp: 35350

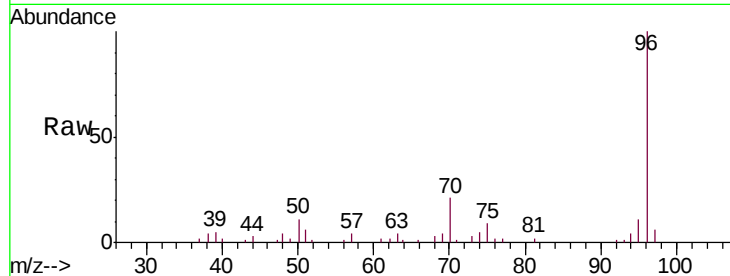
Ion Ratio Lower Upper

96 100

70 21.0 18.5 27.7

95 8.9 0.0 0.0#

97 5.8 0.0 0.0#

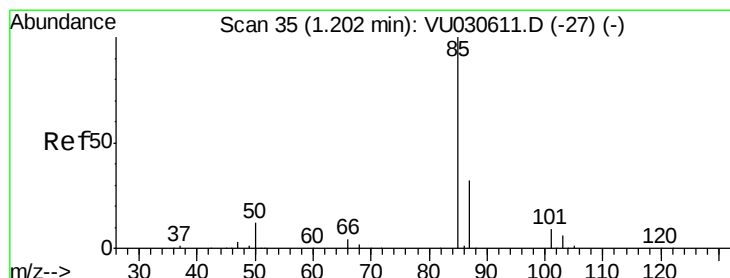
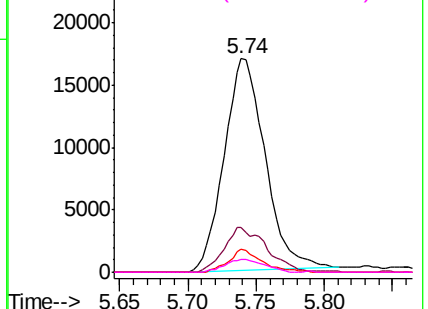
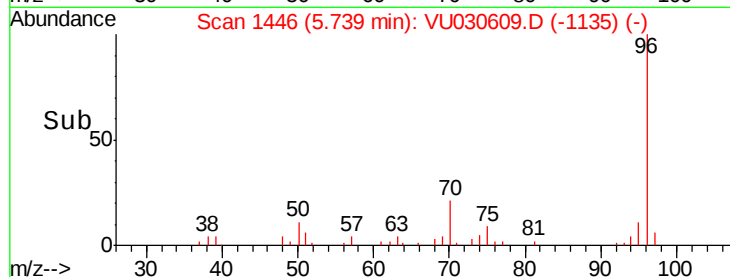


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 1.921 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU030609.D

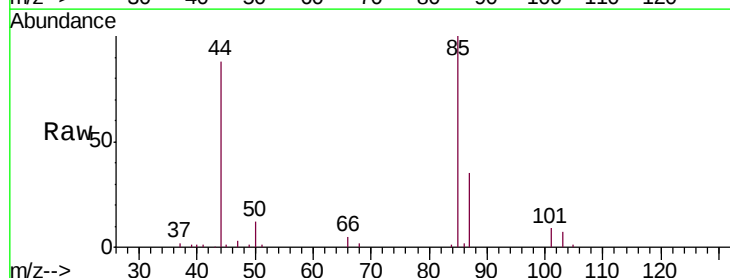
Acq: 02 Apr 2019 18:58

Tgt Ion: 85 Resp: 25600

Ion Ratio Lower Upper

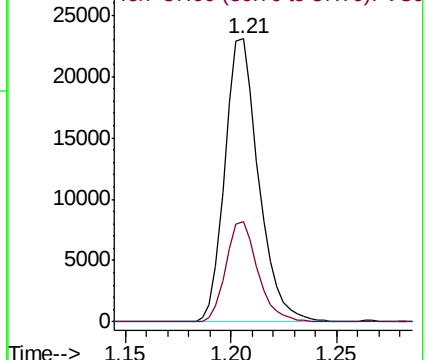
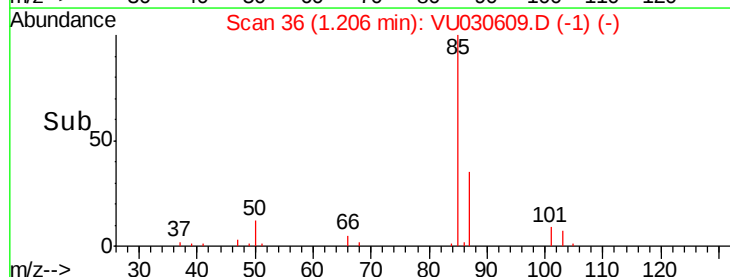
85 100

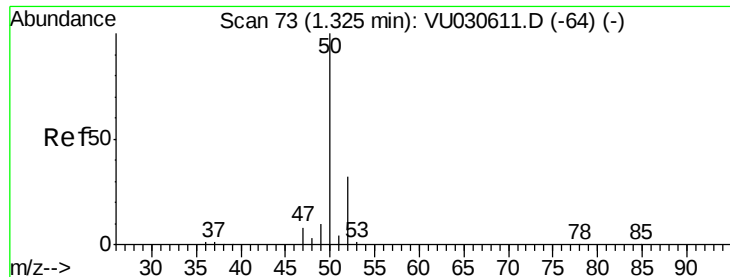
87 35.2 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 2.146 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

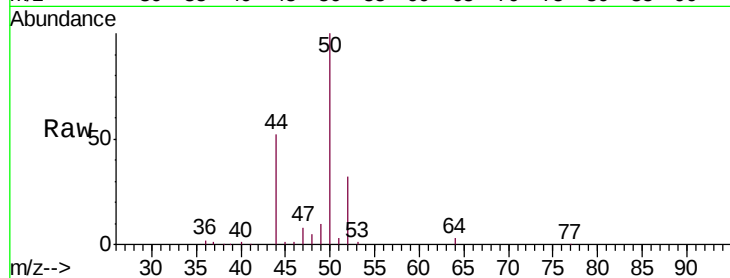
VSTDIC002

Tgt Ion: 50 Resp: 32415

Ion Ratio Lower Upper

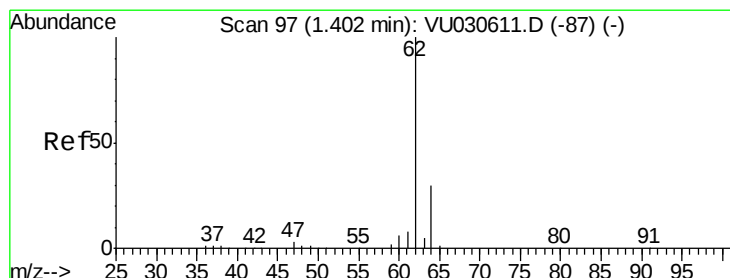
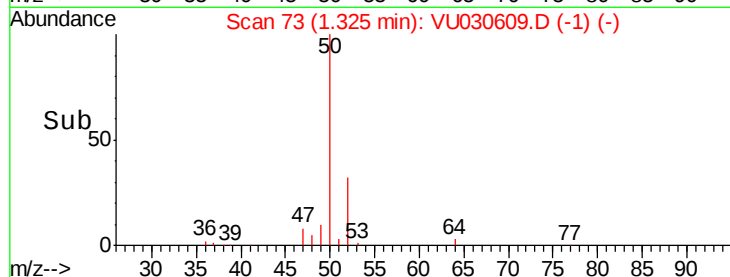
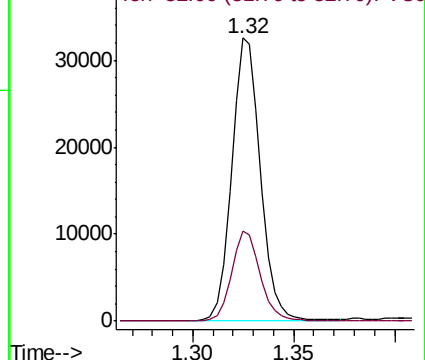
50 100

52 31.8 25.5 38.3



Abundance Ion 50.00 (49.70 to 50.70): VU030611.D (-64) (-)

Ion 52.00 (51.70 to 52.70): VU030611.D (-64) (-)



#4

Vinyl Chloride

Concen: 2.253 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU030609.D

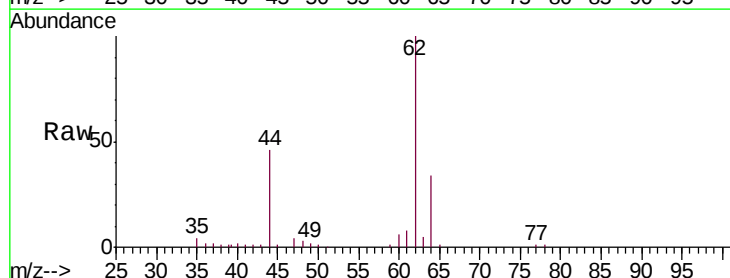
Acq: 02 Apr 2019 18:58

Tgt Ion: 62 Resp: 30041

Ion Ratio Lower Upper

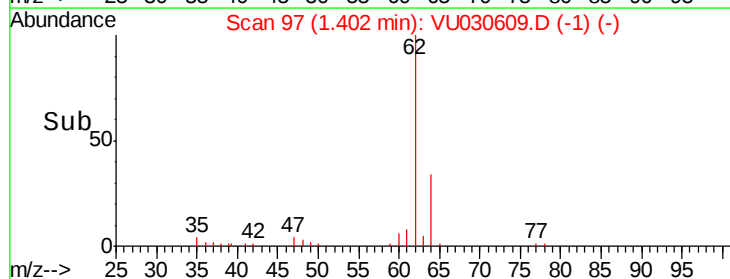
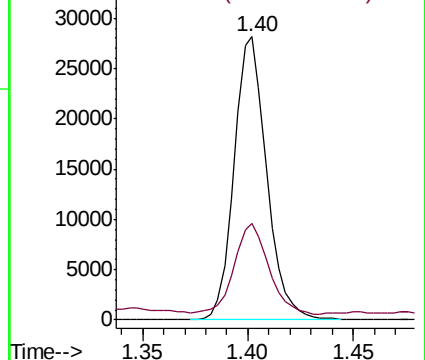
62 100

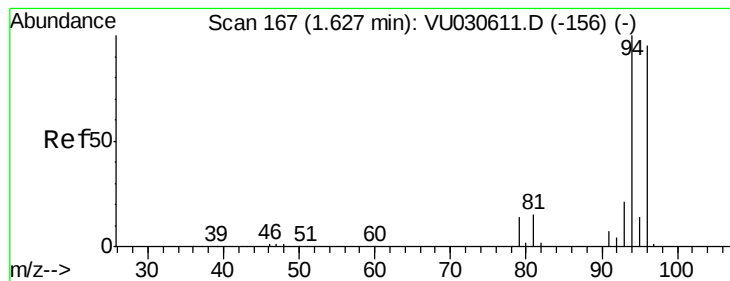
64 31.3 24.3 36.5



Abundance Ion 62.00 (61.70 to 62.70): VU030611.D (-87) (-)

Ion 64.00 (63.70 to 64.70): VU030611.D (-87) (-)





#5

Bromomethane

Concen: 1.782 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

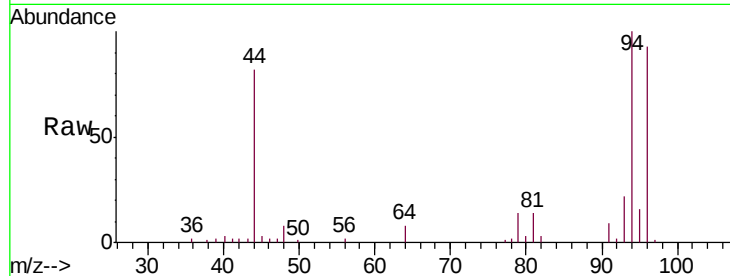
VSTDIC002

Tgt Ion: 94 Resp: 13095

Ion Ratio Lower Upper

94 100

96 93.3 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VU030611.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU030611.D (-156) (-)

12000

10000

8000

6000

4000

2000

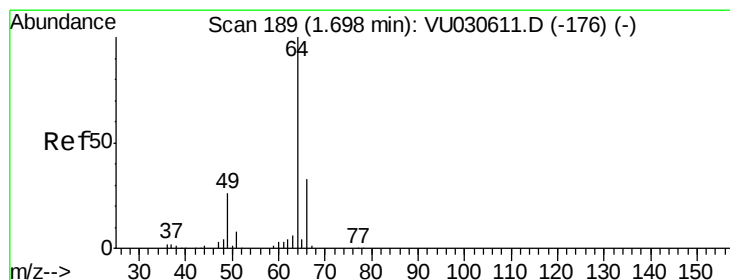
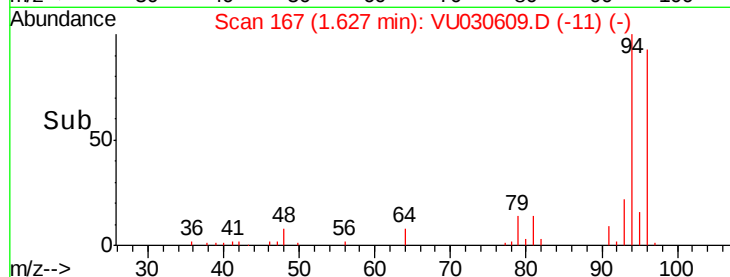
0

1.60

1.63

1.65

Time-->



#6

Chloroethane

Concen: 2.252 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU030609.D

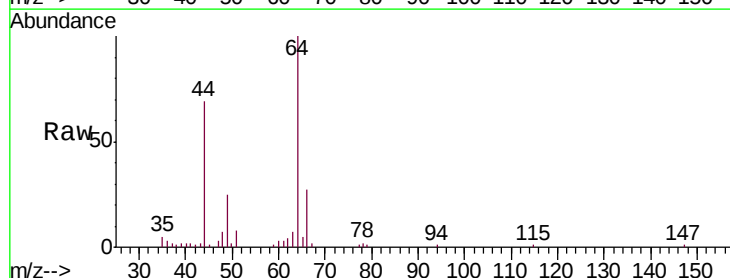
Acq: 02 Apr 2019 18:58

Tgt Ion: 64 Resp: 17218

Ion Ratio Lower Upper

64 100

66 28.6 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU030611.D (-176) (-)

Ion 66.00 (65.70 to 66.70): VU030611.D (-176) (-)

15000

10000

5000

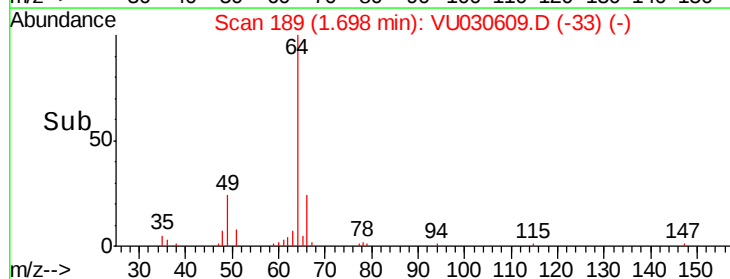
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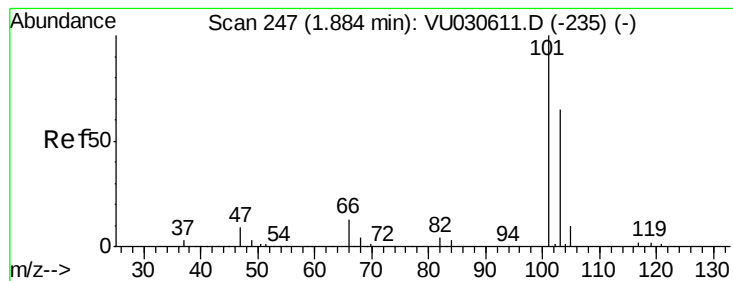
1.65

1.70

1.75

Time-->



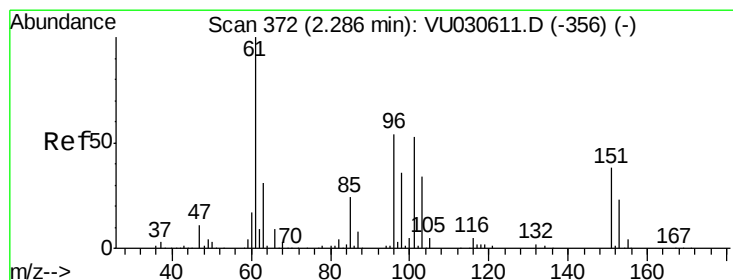
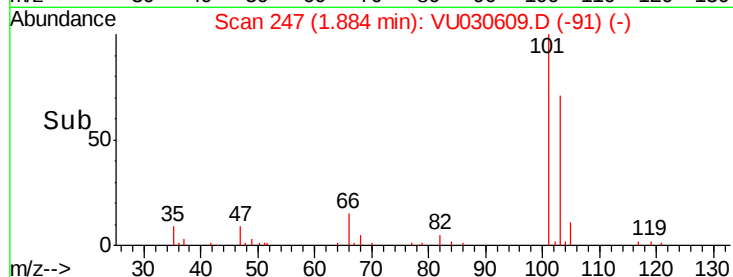
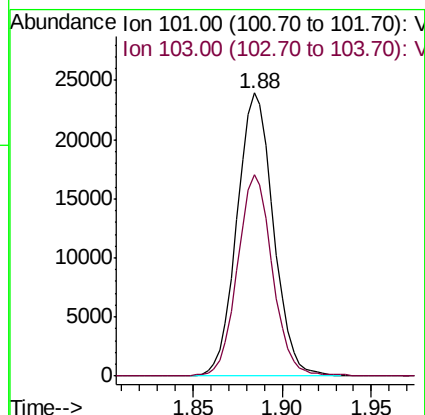
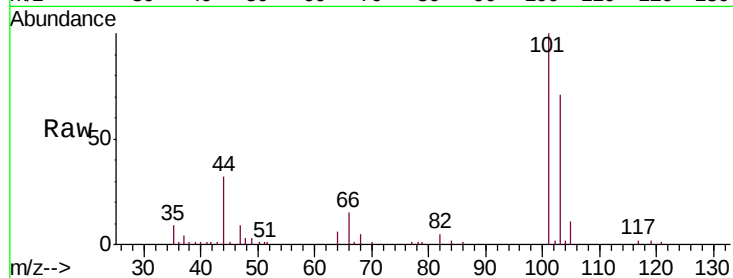


#7

Trichlorofluoromethane
 Concen: 2.005 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
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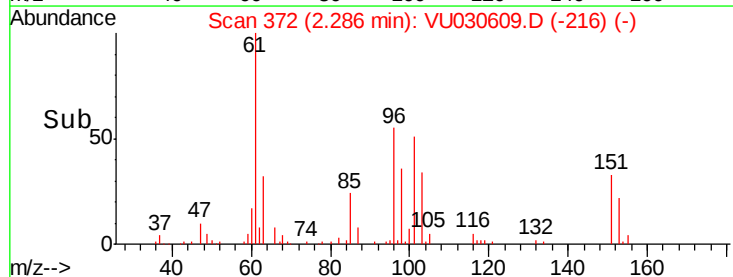
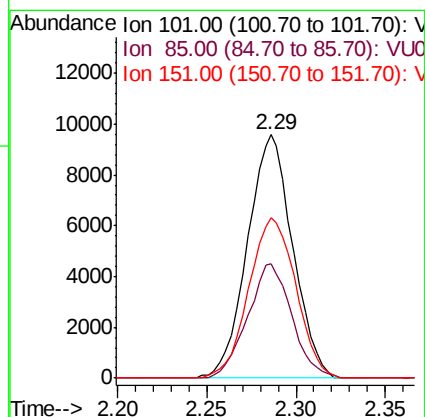
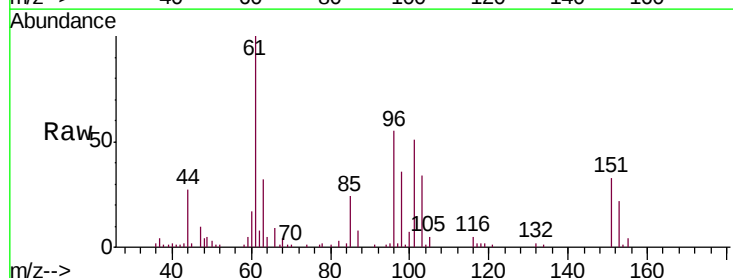
Tgt Ion:101 Resp: 34127
 Ion Ratio Lower Upper
 101 100
 103 71.3 51.8 77.6

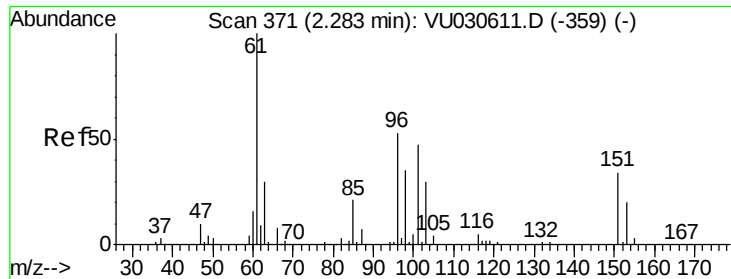


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.860 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion:101 Resp: 16947
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.5 54.7
 151 68.6 55.7 83.5





#9

1,1-Dichloroethene

Concen: 1.930 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

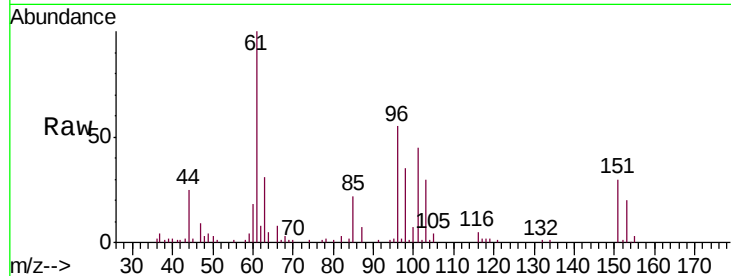
Tgt Ion: 96 Resp: 17348

Ion Ratio Lower Upper

96 100

61 181.7 0.0 564.0

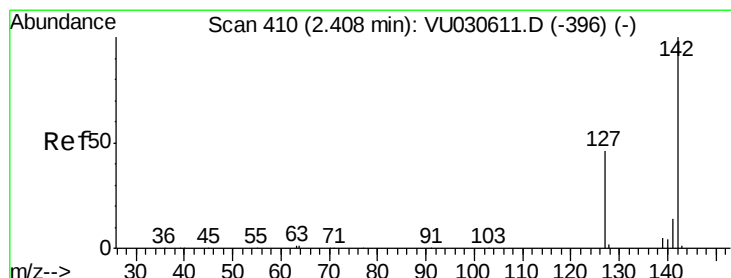
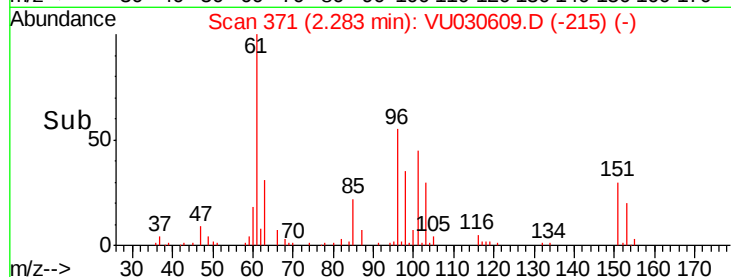
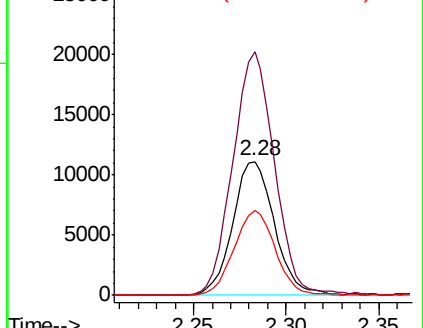
98 63.1 0.0 132.2



Abundance Ion 96.00 (95.70 to 96.70): VU030611.D (-359) (-)

Ion 61.00 (60.70 to 61.70): VU030611.D (-359) (-)

Ion 98.00 (97.70 to 98.70): VU030611.D (-359) (-)



#10

Iodomethane

Concen: 2.454 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU030609.D

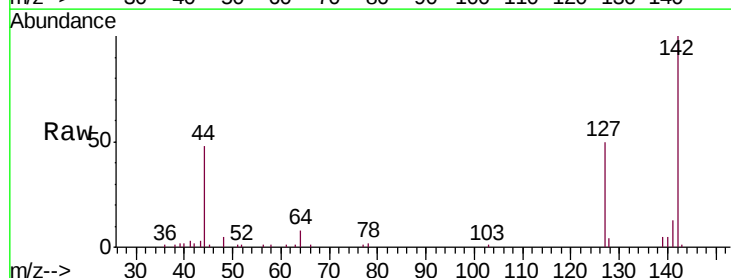
Acq: 02 Apr 2019 18:58

Tgt Ion: 142 Resp: 20621

Ion Ratio Lower Upper

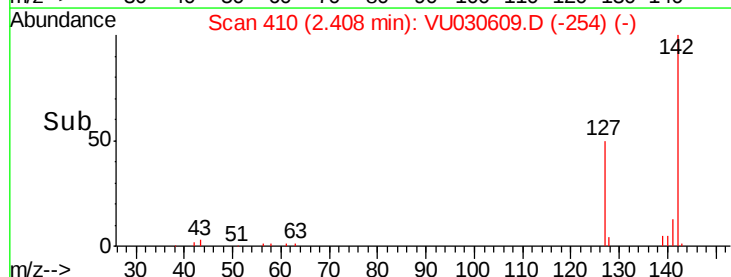
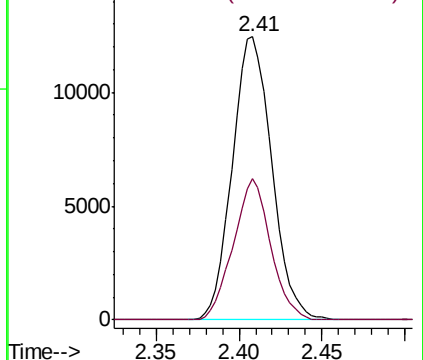
142 100

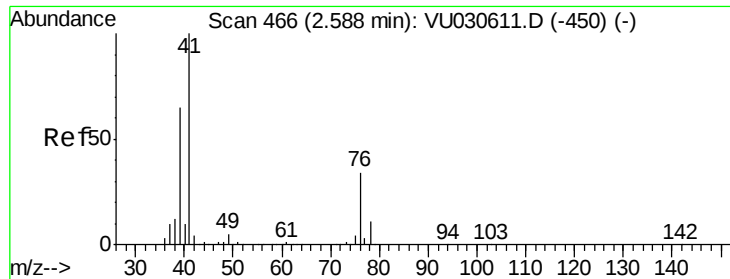
127 46.7 36.9 55.3



Abundance Ion 142.00 (141.70 to 142.70): VU030611.D (-396) (-)

Ion 127.00 (126.70 to 127.70): VU030611.D (-396) (-)

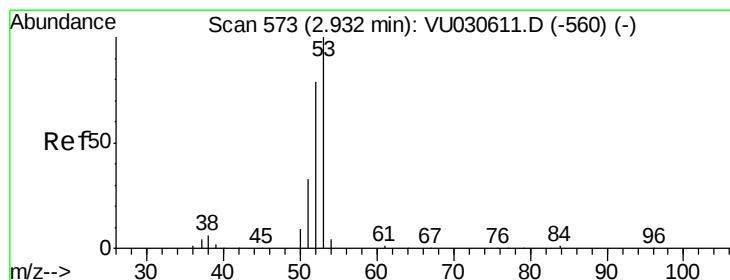
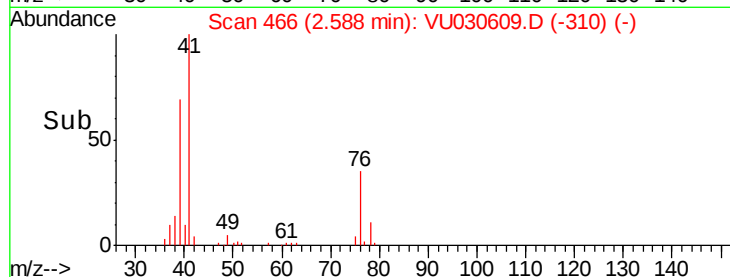
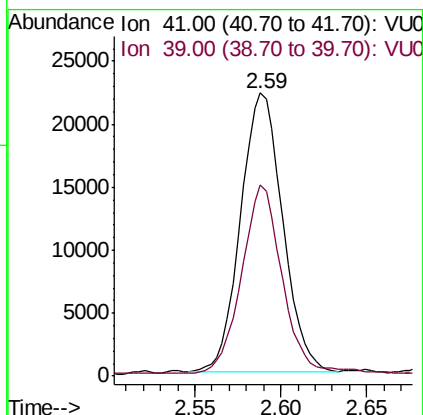
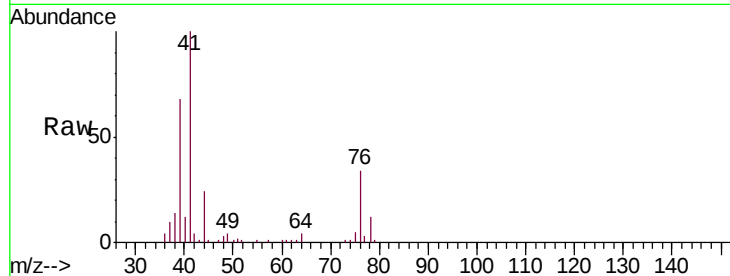




#11
 Allyl Chloride
 Concen: 2.680 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

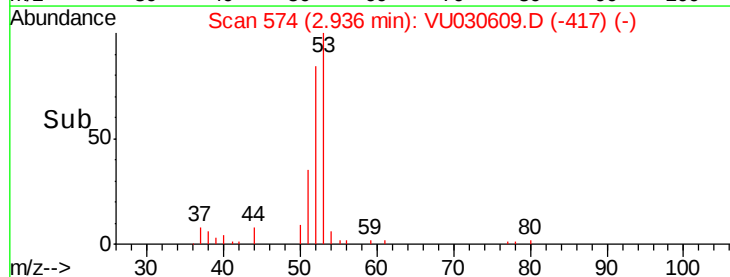
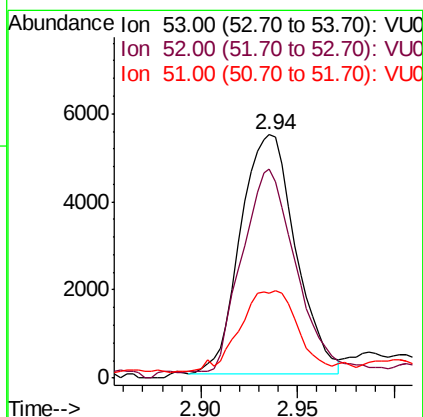
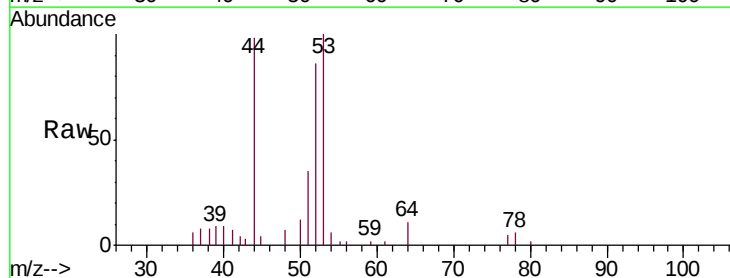
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

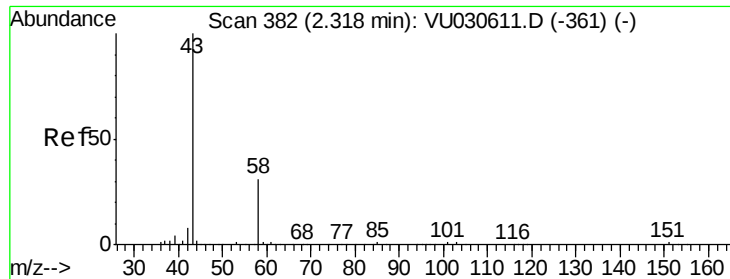
Tgt Ion: 41 Resp: 37462
 Ion Ratio Lower Upper
 41 100
 39 65.3 52.2 78.4



#12
 Acrylonitrile
 Concen: 5.059 ug/l
 RT: 2.94 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion: 53 Resp: 10718
 Ion Ratio Lower Upper
 53 100
 52 87.3 66.2 99.2
 51 35.0 27.3 40.9





#13

Acetone

Concen: 14.792 ug/l

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

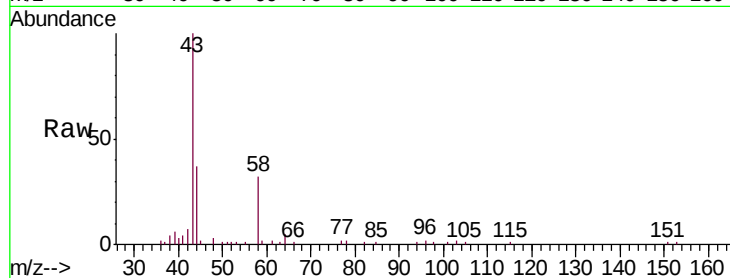
VSTDIC002

Tgt Ion: 43 Resp: 27644

Ion Ratio Lower Upper

43 100

58 32.7 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VU030611.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU030611.D (-361) (-)

2.32

15000

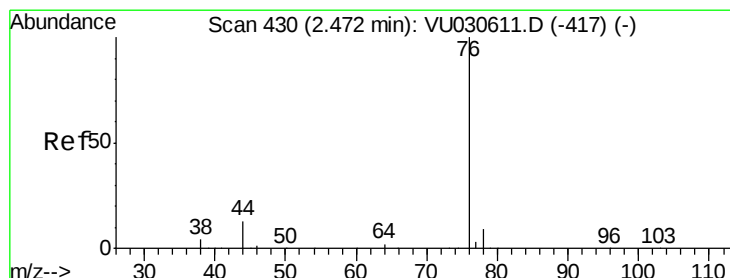
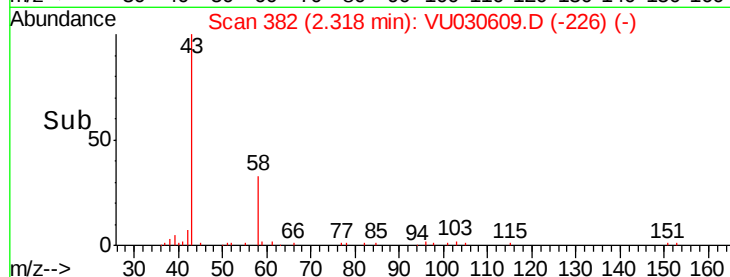
10000

5000

0

2.25 2.30 2.35 2.40

Time-->



#14

Carbon Disulfide

Concen: 1.967 ug/l

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VU030609.D

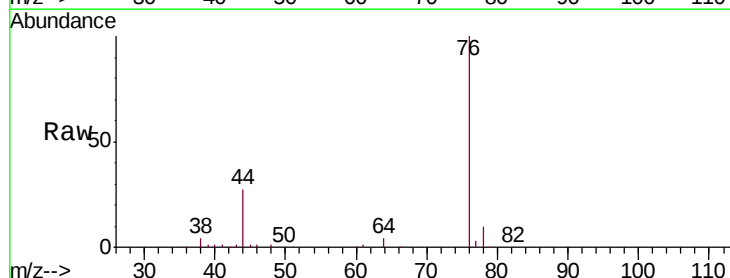
Acq: 02 Apr 2019 18:58

Tgt Ion: 76 Resp: 61978

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU030611.D (-417) (-)

Ion 78.00 (77.70 to 78.70): VU030611.D (-417) (-)

2.47

40000

30000

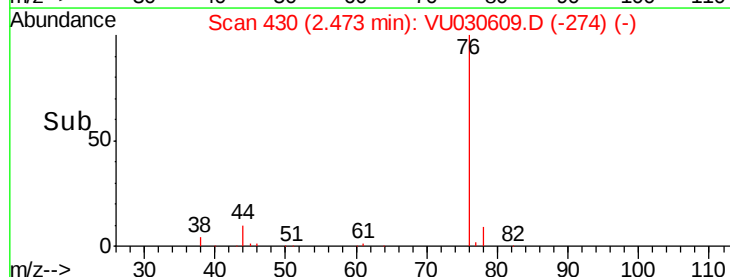
20000

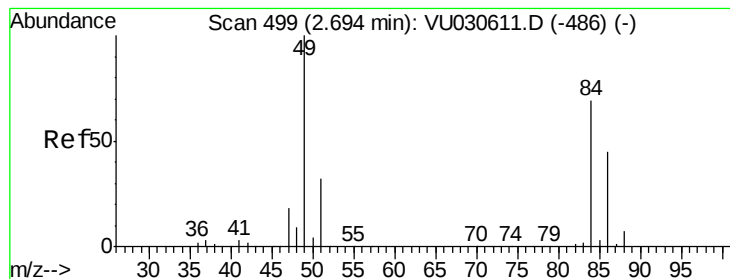
10000

0

2.40 2.45 2.50 2.55

Time-->





#15

Methylene Chloride

Concen: 2.174 ug/l

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 84 Resp: 23475

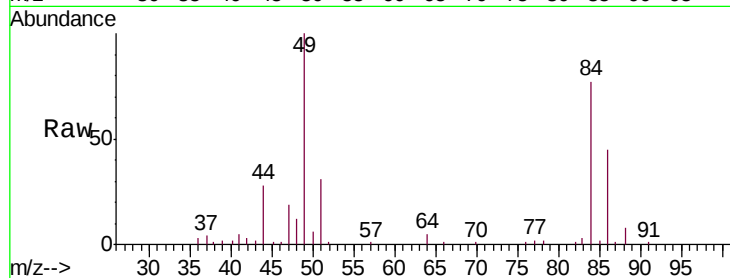
Ion Ratio Lower Upper

84 100

49 130.3 115.4 173.2

51 41.0 0.0 93.4

86 58.7 52.2 78.4



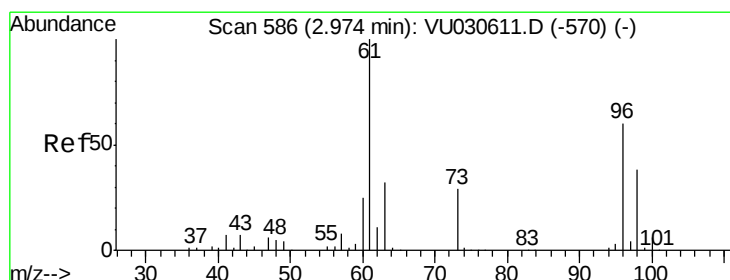
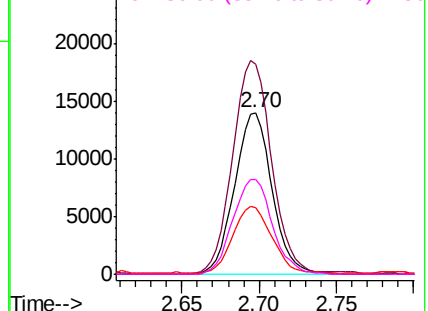
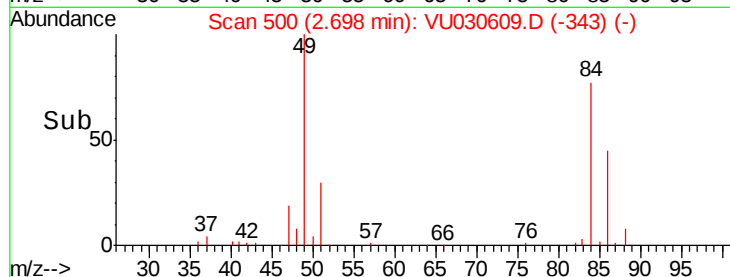
Abundance

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: 1.867 ug/l

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

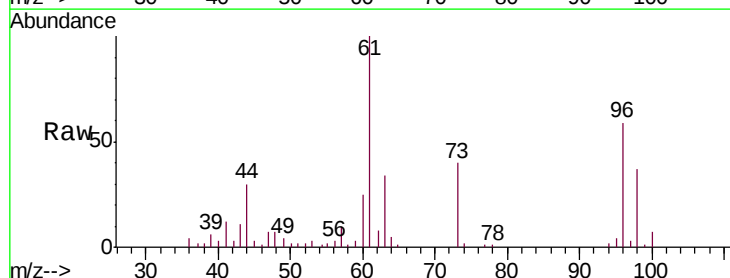
Tgt Ion: 96 Resp: 19275

Ion Ratio Lower Upper

96 100

61 168.3 132.2 198.4

98 62.1 50.2 75.4

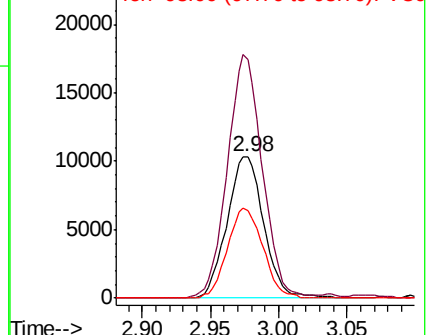
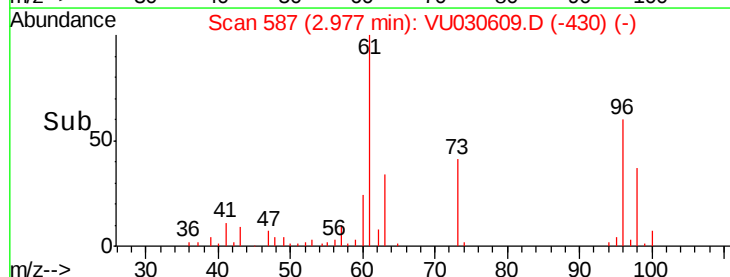


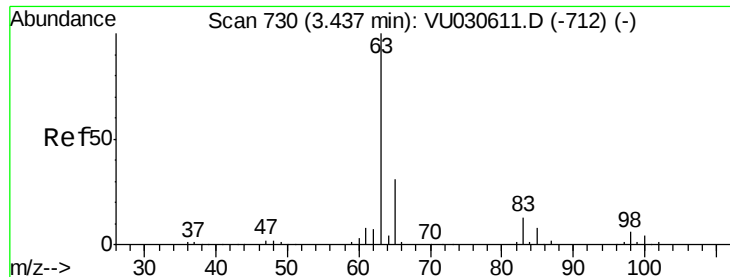
Abundance

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

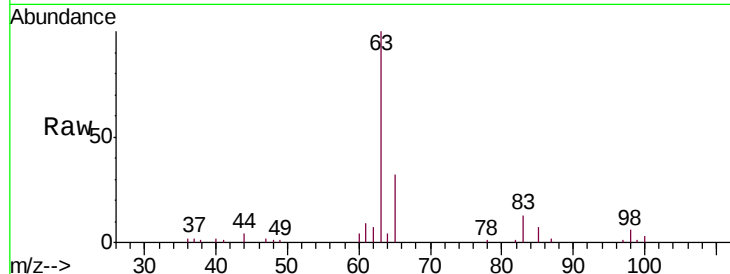




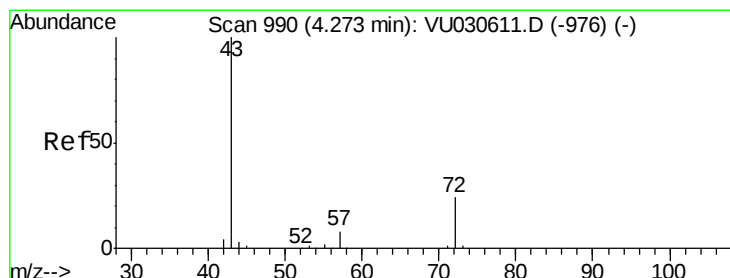
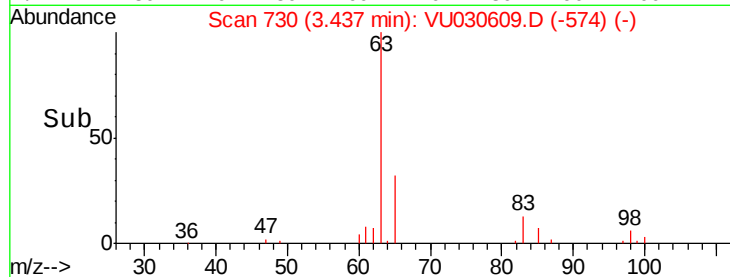
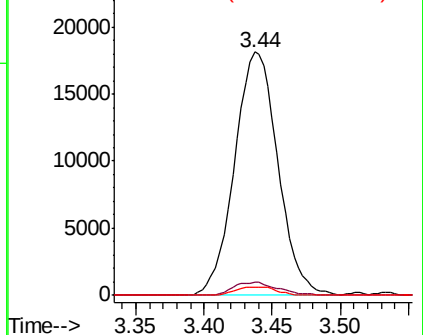
#17
 1,1-Dichloroethane
 Concen: 2.209 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion: 63 Resp: 40032
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.0 9.0
 100 3.1 2.0 5.8

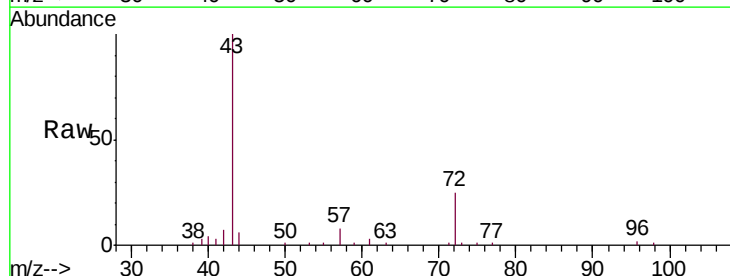


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

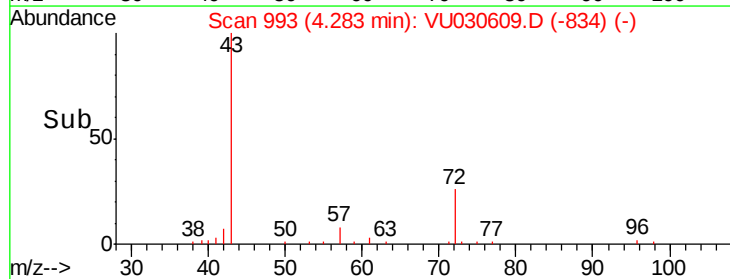
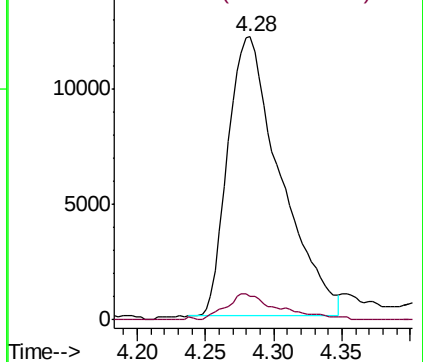


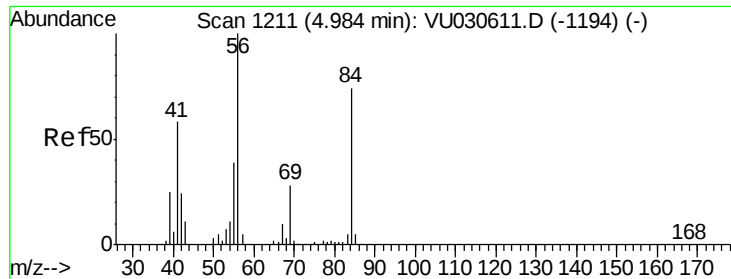
#18
 2-Butanone
 Concen: 12.497 ug/l
 RT: 4.28 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion: 43 Resp: 32550
 Ion Ratio Lower Upper
 43 100
 57 7.4 0.0 16.4



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

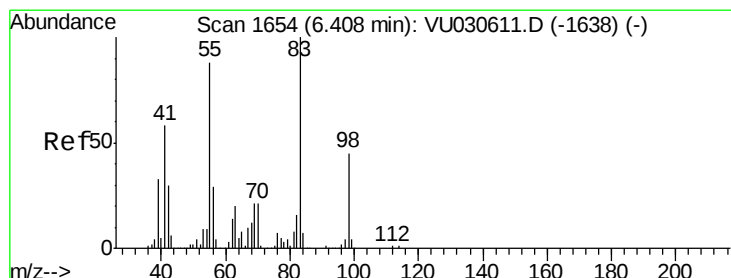
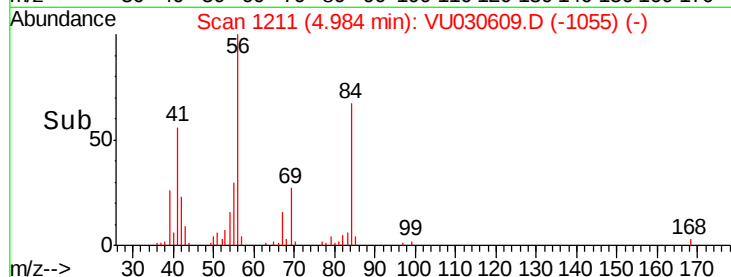
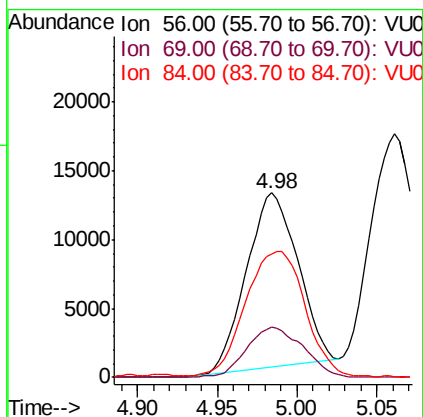
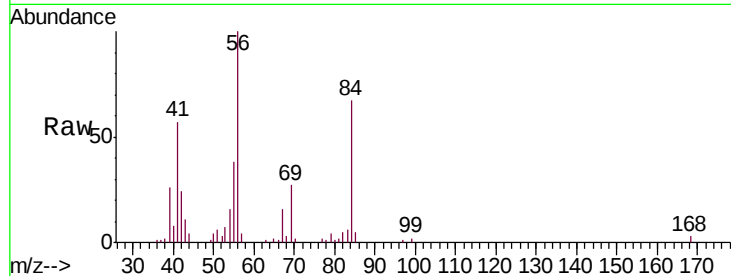




#19
Cyclohexane
Concen: 1.811 ug/l
RT: 4.98 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

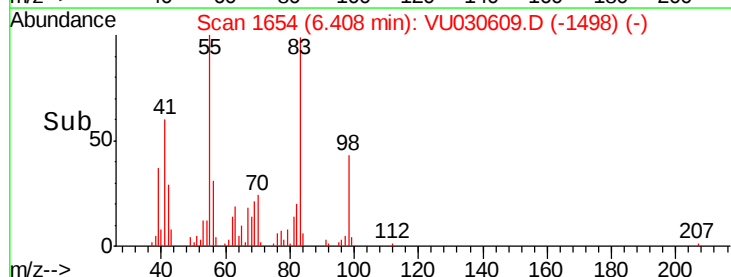
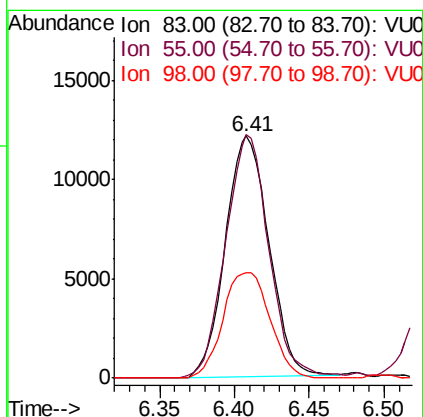
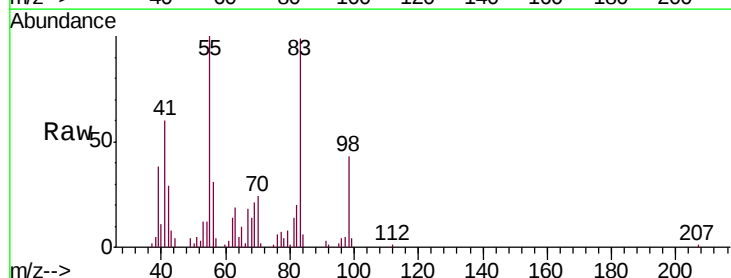
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

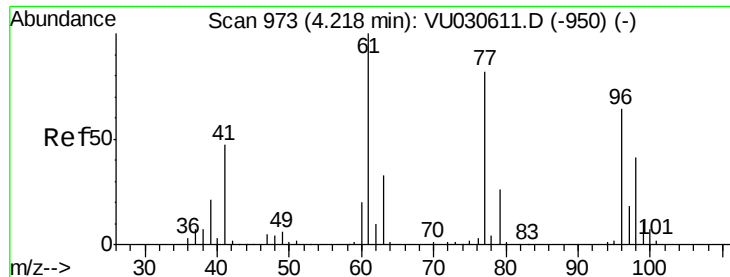
Tgt Ion: 56 Resp: 28127
Ion Ratio Lower Upper
56 100
69 31.3 22.1 33.1
84 82.7 58.1 87.1



#20
Methylcyclohexane
Concen: 1.509 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

Tgt Ion: 83 Resp: 24589
Ion Ratio Lower Upper
83 100
55 98.2 71.8 107.8
98 47.3 35.5 53.3

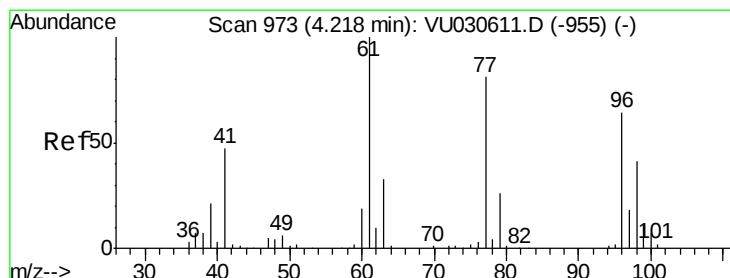
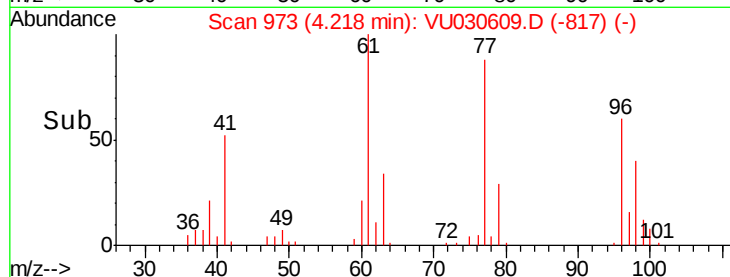
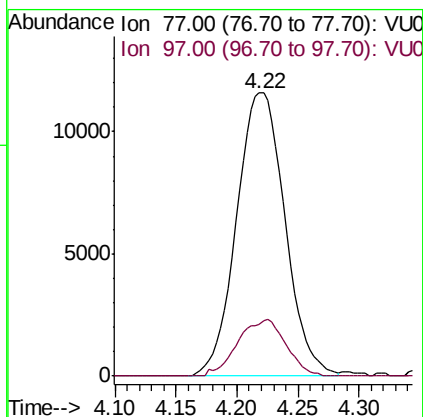
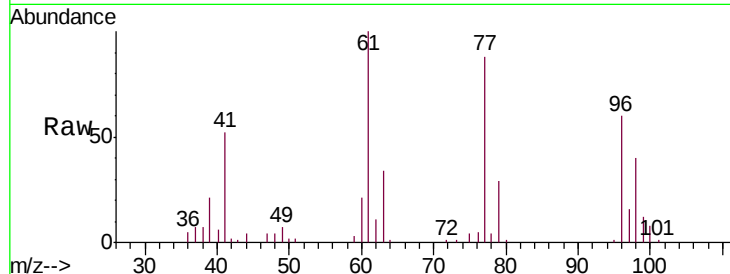




#21
 2,2-Dichloropropane
 Concen: 2.109 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

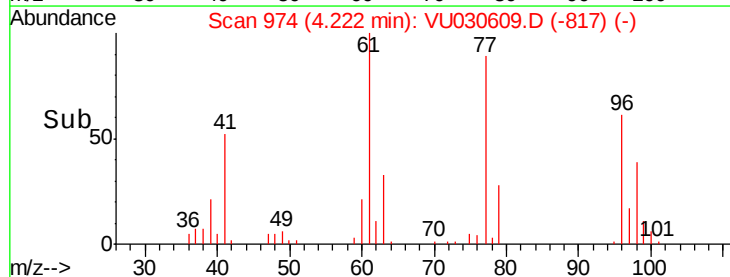
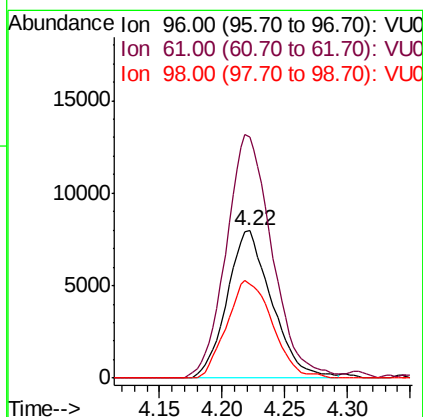
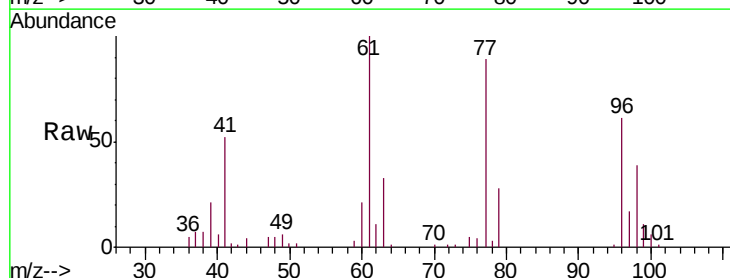
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

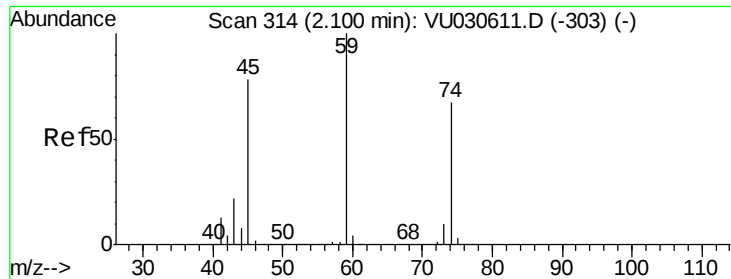
Tgt Ion: 77 Resp: 31833
 Ion Ratio Lower Upper
 77 100
 97 20.0 17.4 26.0



#22
 cis-1,2-Dichloroethene
 Concen: 1.720 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion: 96 Resp: 19757
 Ion Ratio Lower Upper
 96 100
 61 168.7 0.0 406.0
 98 67.4 31.7 95.1

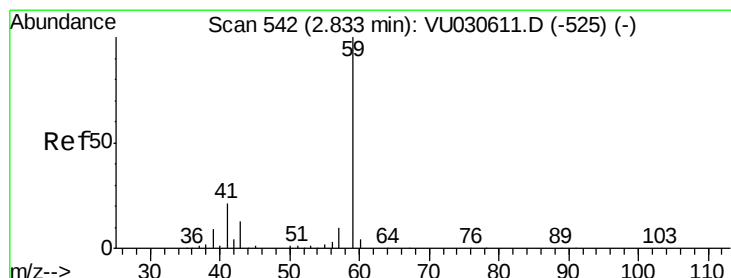
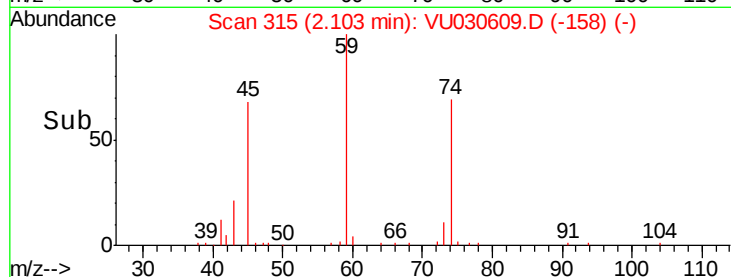
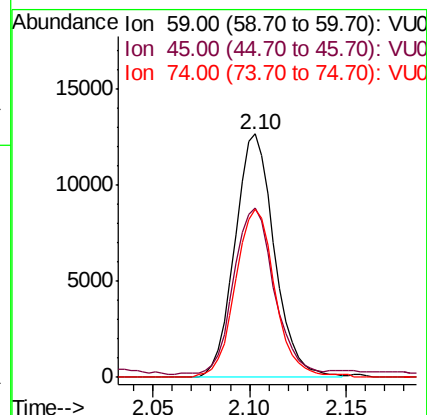
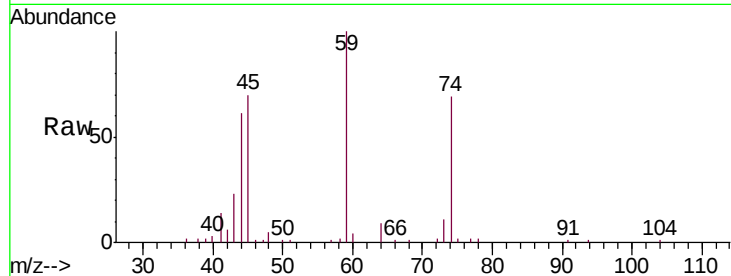




#23
Diethyl Ether
Concen: 2.523 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

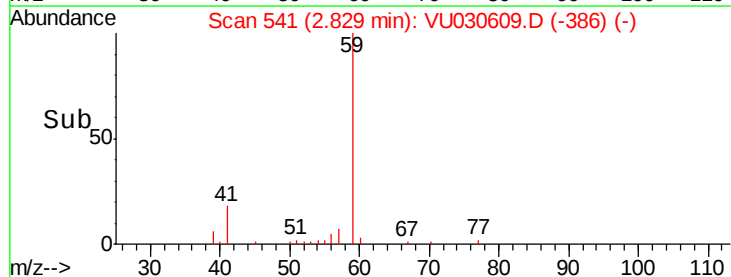
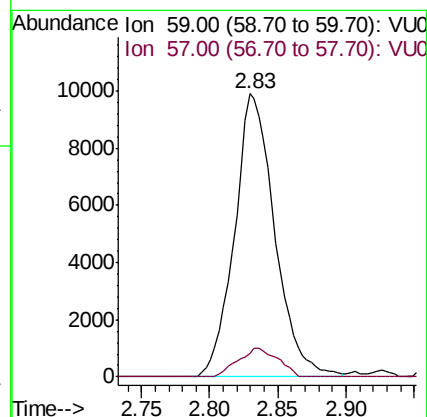
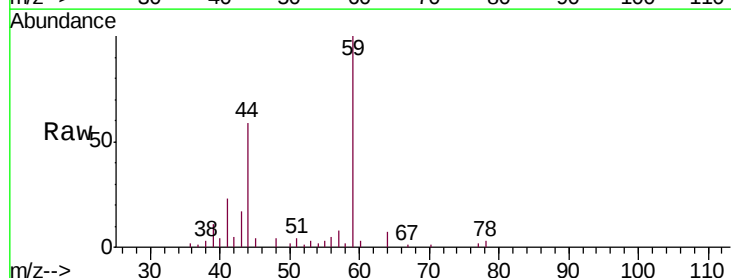
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

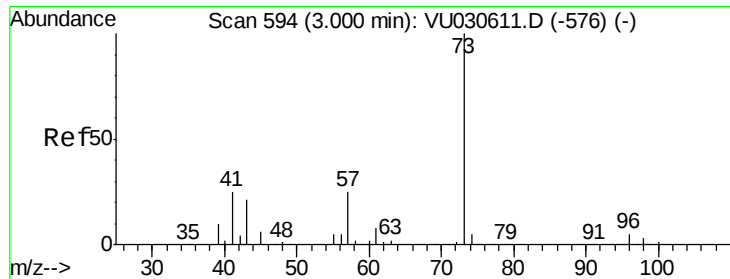
Tgt Ion: 59 Resp: 17927
Ion Ratio Lower Upper
59 100
45 69.8 62.7 94.1
74 69.2 54.3 81.5



#24
tert-Butyl Alcohol
Concen: 25.794 ug/l
RT: 2.83 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

Tgt Ion: 59 Resp: 20284
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4





#25

Methyl tert-Butyl Ether

Concen: 2.262 ug/l

RT: 3.00 min Scan# 594

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

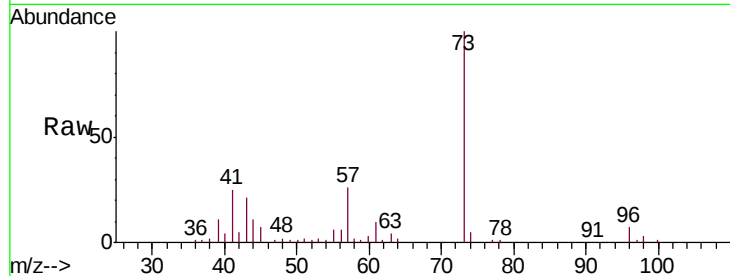
VSTDIC002

Tgt Ion: 73 Resp: 53369

Ion Ratio Lower Upper

73 100

43 21.5 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VU030611.D (-576) (-)

Ion 43.00 (42.70 to 43.70): VU030611.D (-576) (-)

Time-->

2.90 2.95 3.00 3.05 3.10

25000

20000

15000

10000

5000

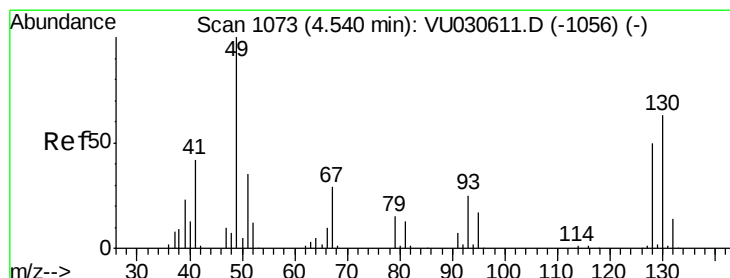
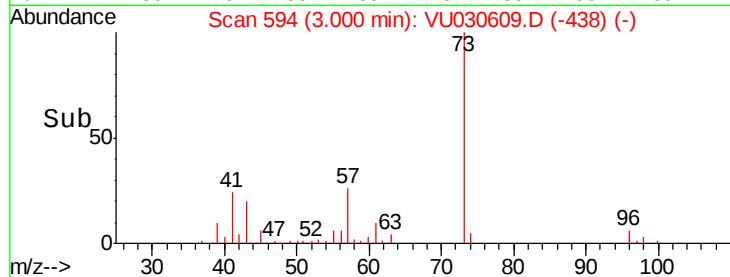
0

3.00

2.90 2.95 3.00 3.05 3.10

Time-->

2.90 2.95 3.00 3.05 3.10



#26

Bromochloromethane

Concen: 1.777 ug/l

RT: 4.55 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

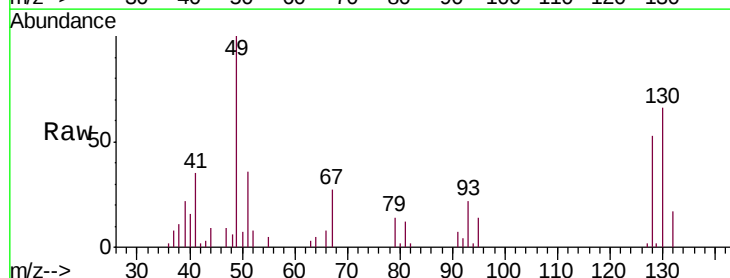
Tgt Ion: 128 Resp: 8892

Ion Ratio Lower Upper

128 100

49 204.6 0.0 404.8

130 123.5 100.2 150.2



Abundance Ion 128.00 (127.70 to 128.70): VU030611.D (-1056) (-)

Ion 49.00 (48.70 to 49.70): VU030611.D (-1056) (-)

Ion 130.00 (129.70 to 130.70): VU030611.D (-1056) (-)

Time-->

4.50 4.55 4.60

10000

8000

6000

4000

2000

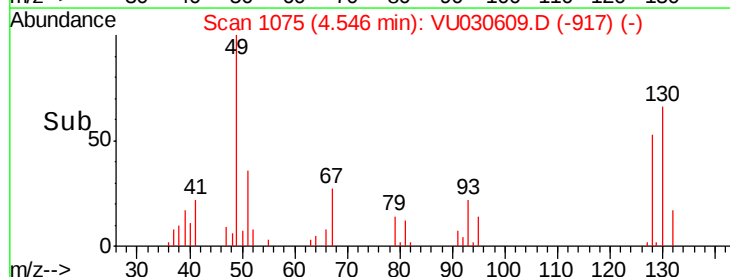
0

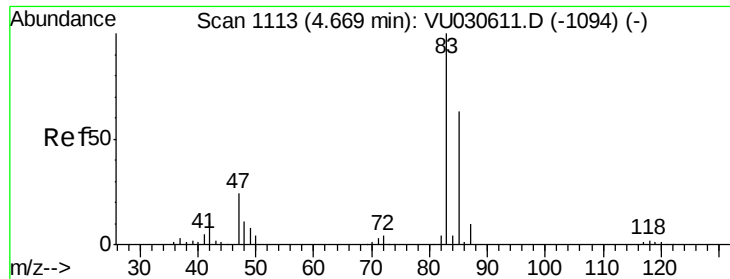
4.55

4.50 4.55 4.60

Time-->

4.50 4.55 4.60

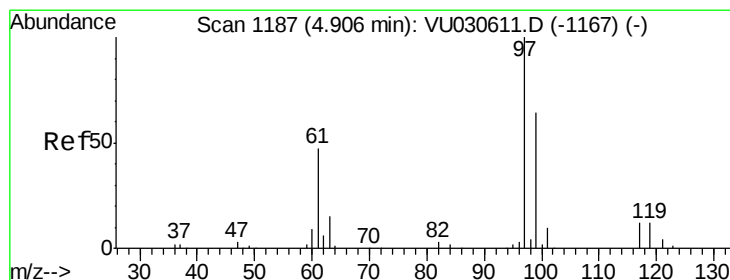
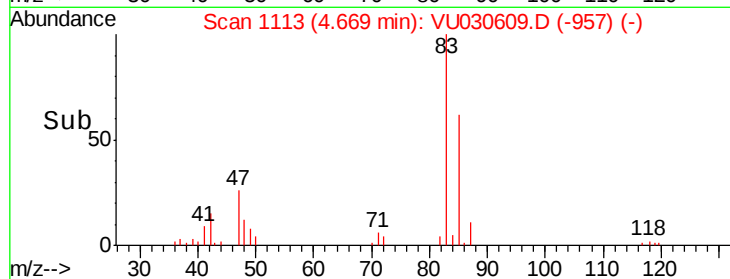
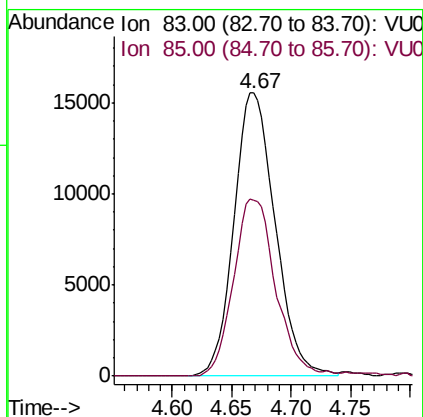
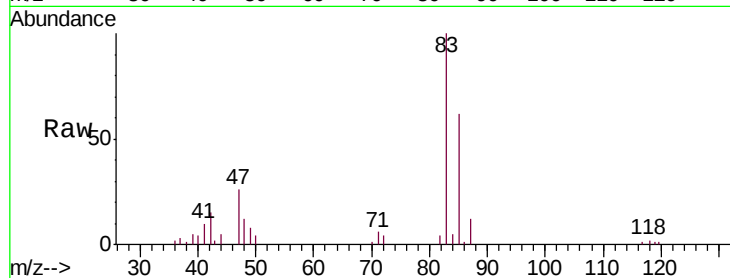




#27
Chloroform
Concen: 1.992 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

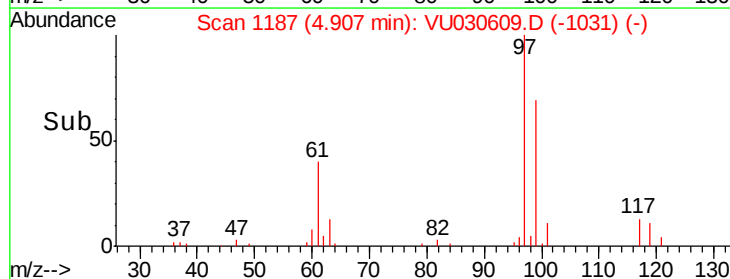
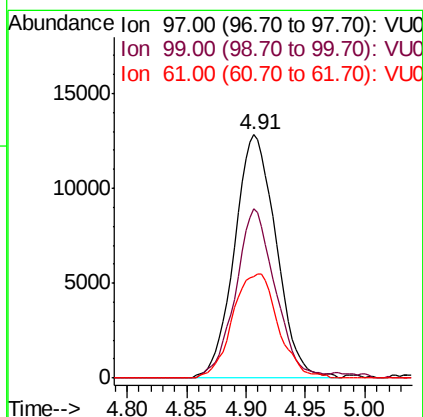
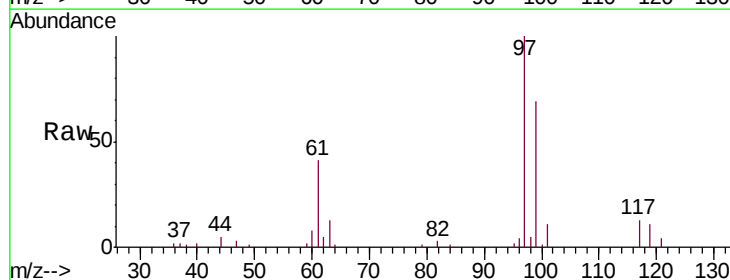
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

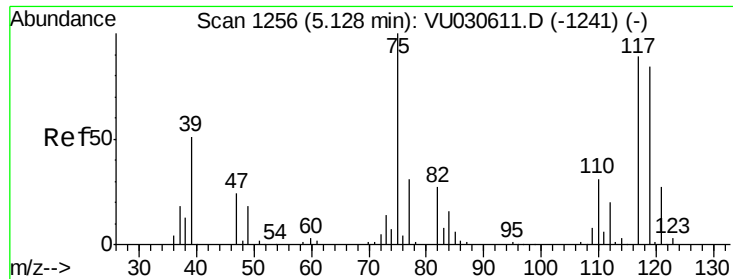
Tgt Ion: 83 Resp: 37374
Ion Ratio Lower Upper
83 100
85 62.1 0.0 126.0



#28
1,1,1-Trichloroethane
Concen: 2.028 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

Tgt Ion: 97 Resp: 31108
Ion Ratio Lower Upper
97 100
99 66.2 31.9 95.9
61 46.7 23.4 70.0

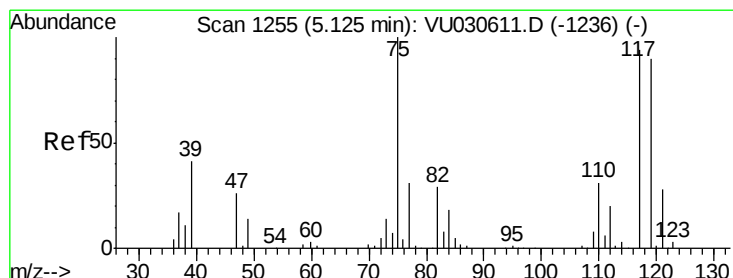
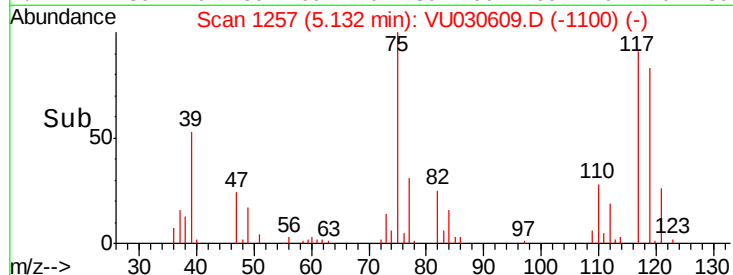
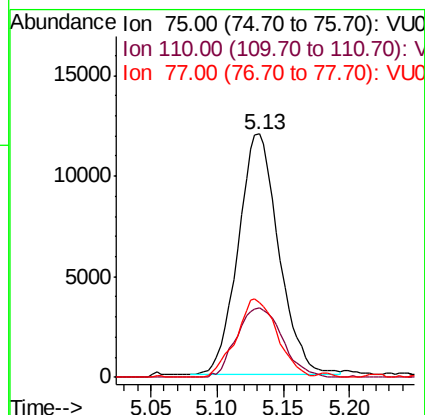
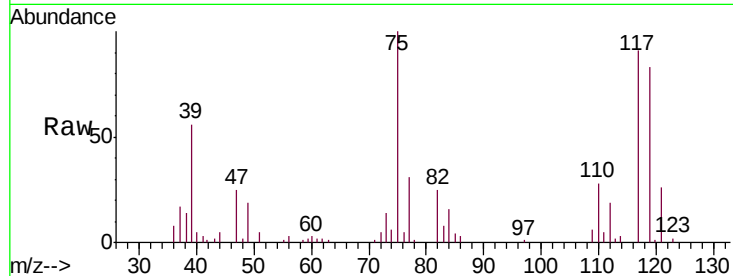




#29
1,1-Dichloropropene
Concen: 1.830 ug/l
RT: 5.13 min Scan# 1257
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

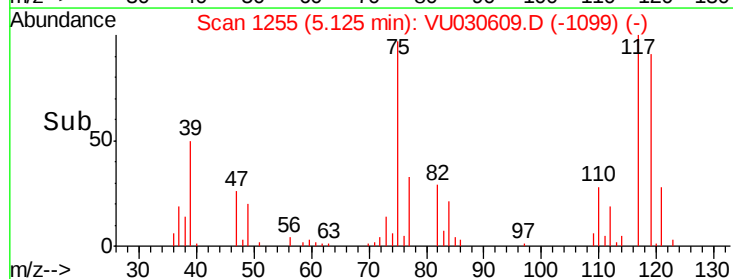
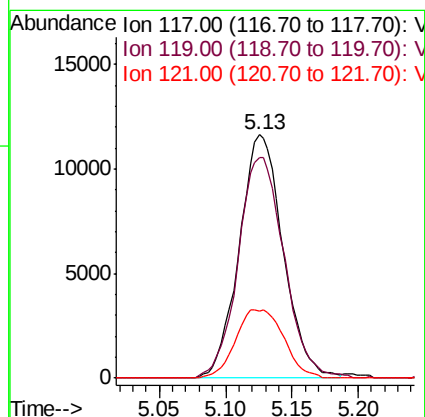
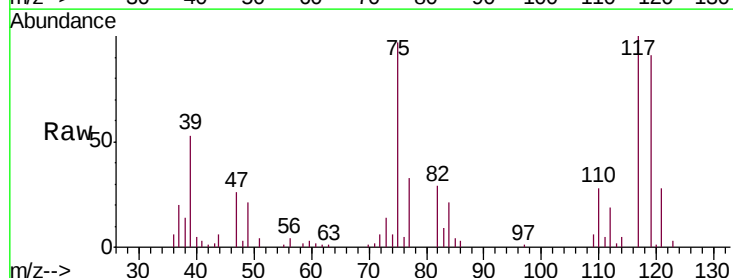
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

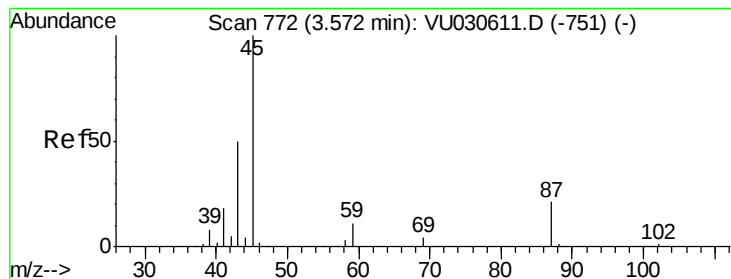
Tgt Ion: 75 Resp: 25509
Ion Ratio Lower Upper
75 100
110 32.4 16.2 48.5
77 32.8 24.6 36.8



#30
Carbon Tetrachloride
Concen: 1.959 ug/l
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

Tgt Ion: 117 Resp: 26770
Ion Ratio Lower Upper
117 100
119 90.6 75.9 113.9
121 27.7 24.2 36.2





#31

Isopropyl Ether

Concen: 2.404 ug/l

RT: 3.58 min Scan# 773

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

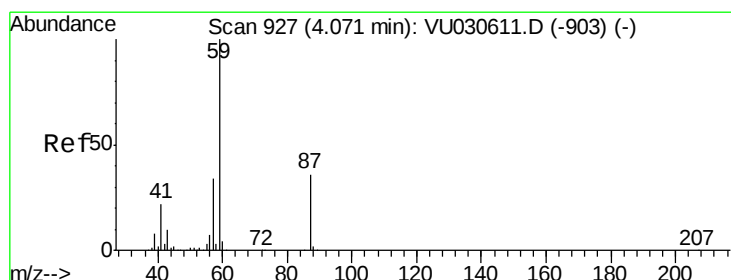
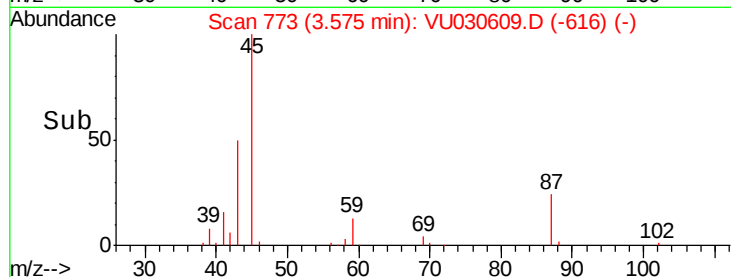
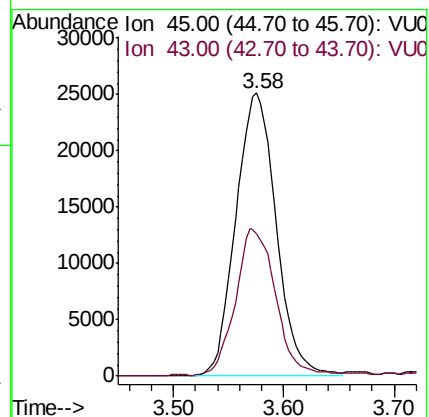
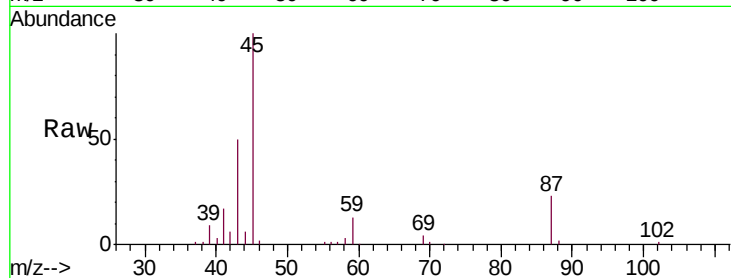
VSTDIC002

Tgt Ion: 45 Resp: 63797

Ion Ratio Lower Upper

45 100

43 52.0 25.0 75.0



#32

Ethyl-t-butyl ether

Concen: 2.084 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU030609.D

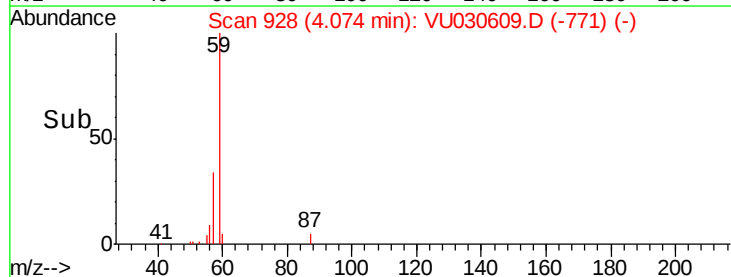
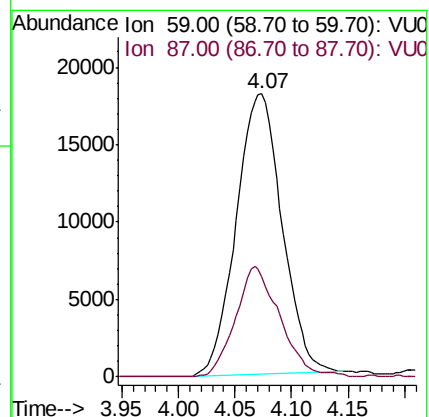
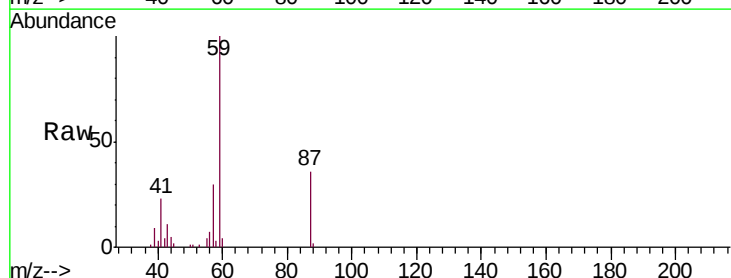
Acq: 02 Apr 2019 18:58

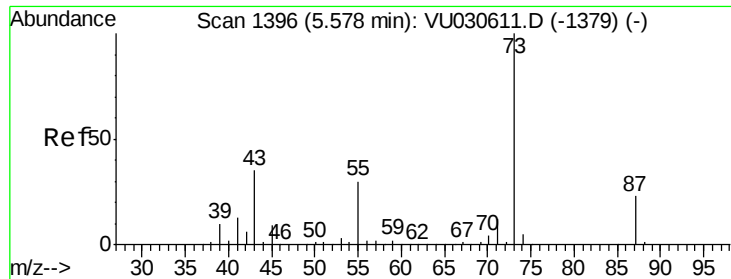
Tgt Ion: 59 Resp: 51201

Ion Ratio Lower Upper

59 100

87 38.2 29.5 44.3

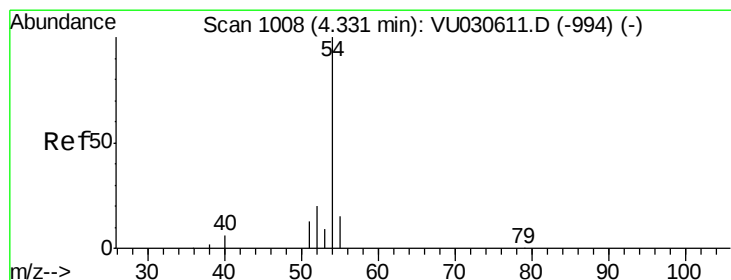
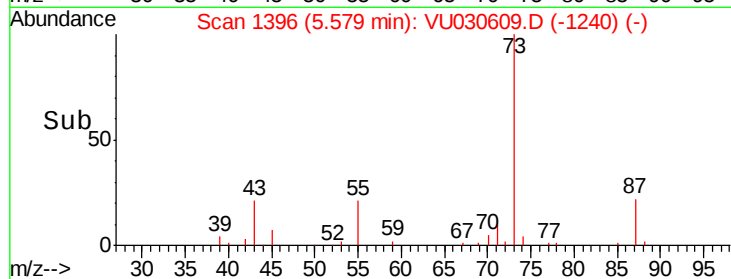
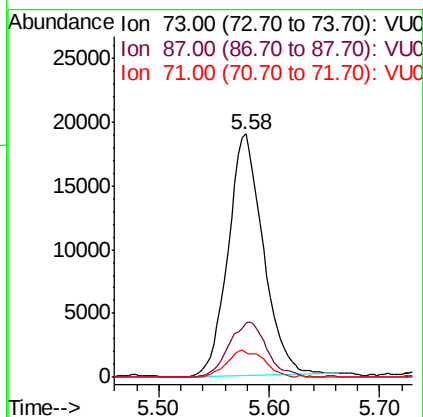
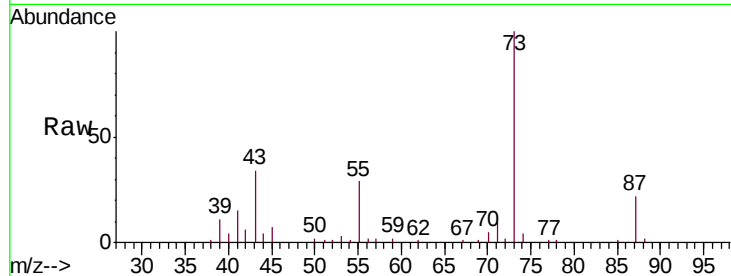




#33
 Tert-Amyl methyl ether
 Concen: 1.899 ug/l
 RT: 5.58 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

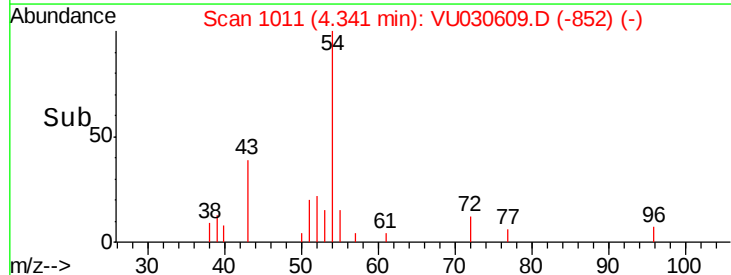
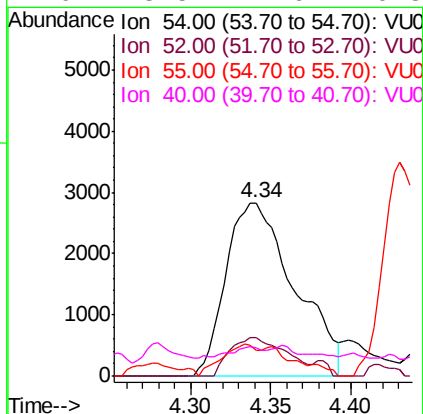
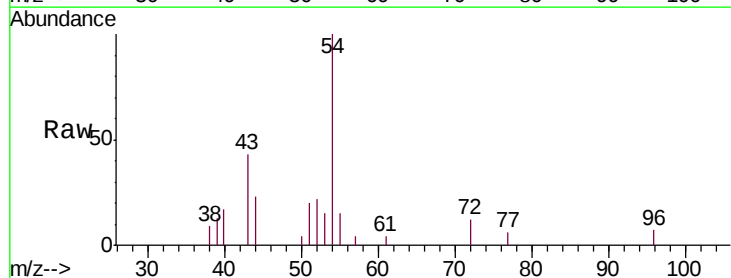
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

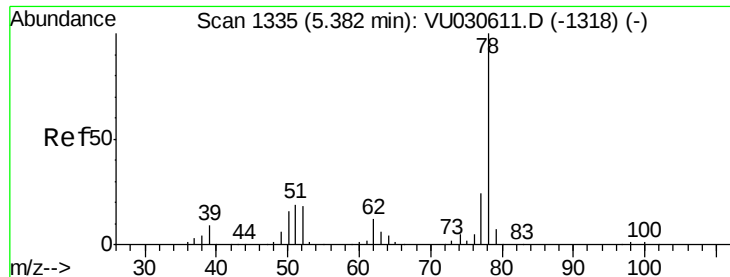
Tgt Ion: 73 Resp: 41884
 Ion Ratio Lower Upper
 73 100
 87 24.7 18.7 28.1
 71 11.9 9.4 14.0



#34
 Propionitrile
 Concen: 11.683 ug/l
 RT: 4.34 min Scan# 1011
 Delta R.T. 0.01 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion: 54 Resp: 8314
 Ion Ratio Lower Upper
 54 100
 52 17.8 15.3 22.9
 55 9.9 11.4 17.0#
 40 3.5 4.6 6.8#





#35

Benzene

Concen: 1.945 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

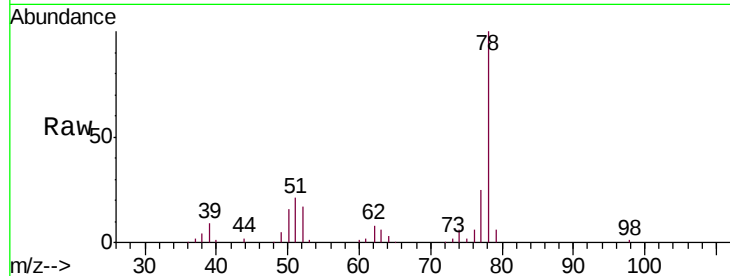
VSTDIC002

Tgt Ion: 78 Resp: 79272

Ion Ratio Lower Upper

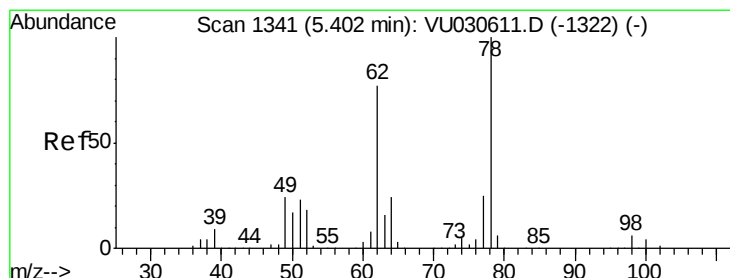
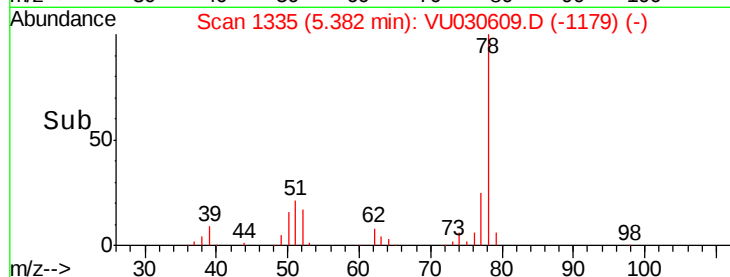
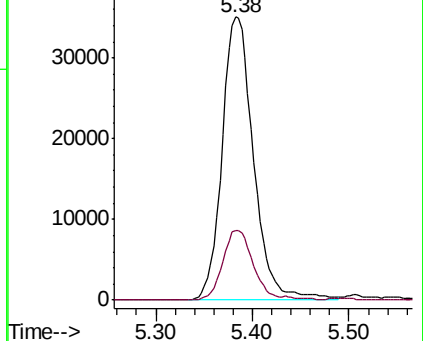
78 100

77 24.7 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU030611.D (-1318) (-)

Ion 77.00 (76.70 to 77.70): VU030609.D (-1179) (-)



#36

1,2-Dichloroethane

Concen: 2.282 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VU030609.D

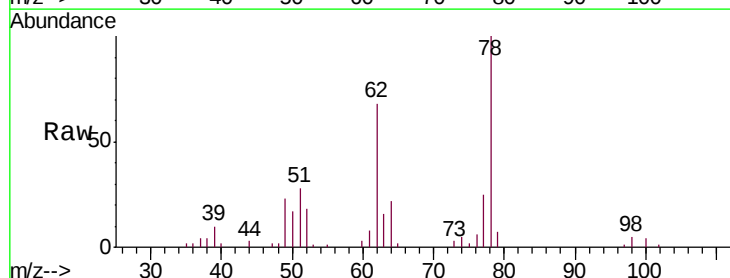
Acq: 02 Apr 2019 18:58

Tgt Ion: 62 Resp: 25822

Ion Ratio Lower Upper

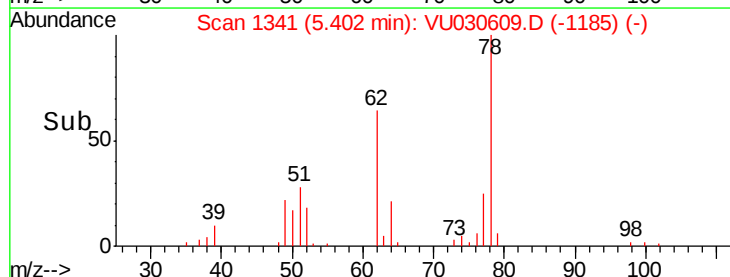
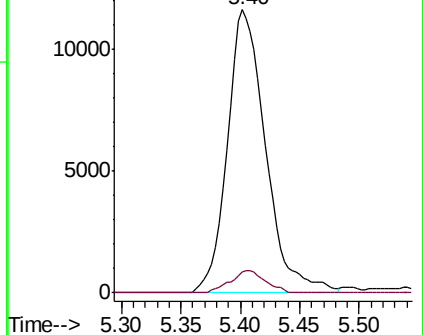
62 100

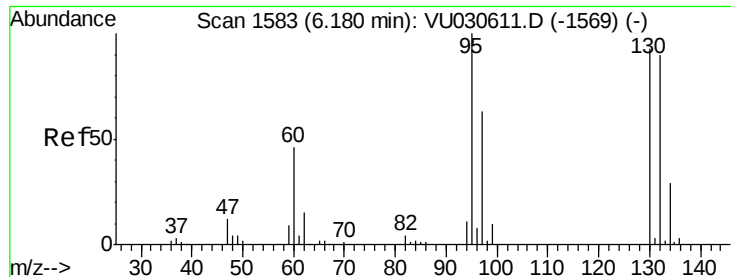
98 7.2 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU030611.D (-1322) (-)

Ion 98.00 (97.70 to 98.70): VU030609.D (-1185) (-)

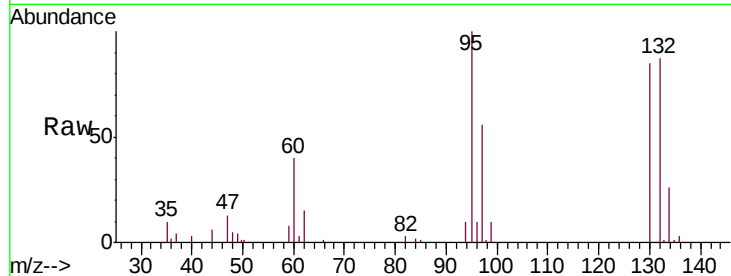




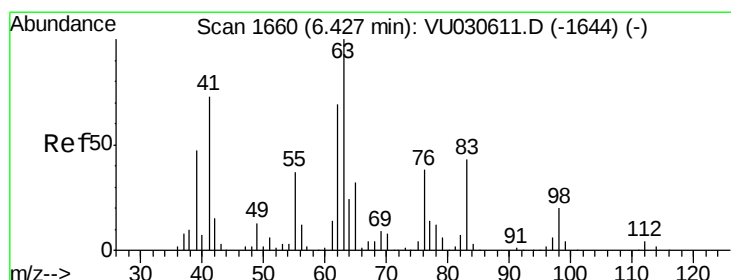
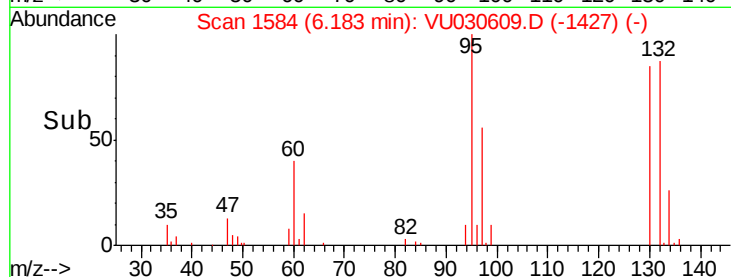
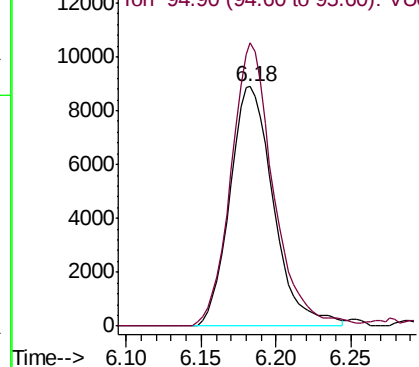
#37
 Trichloroethene
 Concen: 1.583 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion: 130 Resp: 18040
 Ion Ratio Lower Upper
 130 100
 95 118.1 85.7 128.5

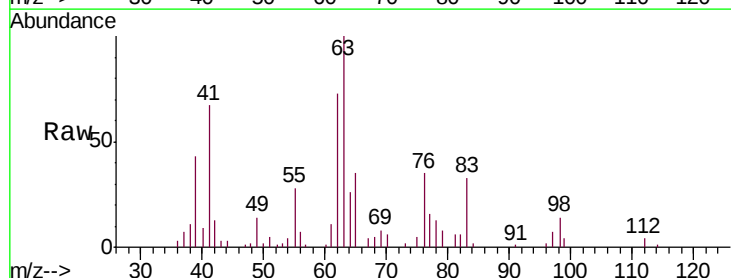


Abundance Ion 129.90 (129.60 to 130.60): VU030611.D (-1569) (-)
 Ion 94.90 (94.60 to 95.60): VU030611.D (-1569) (-)

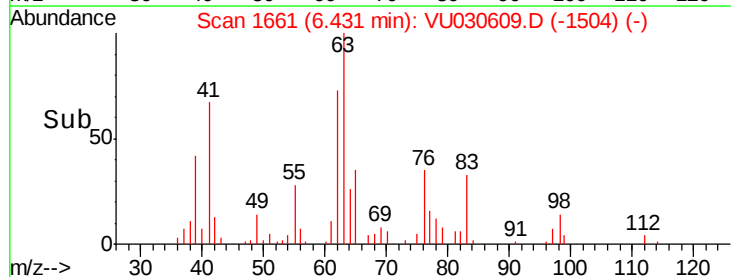
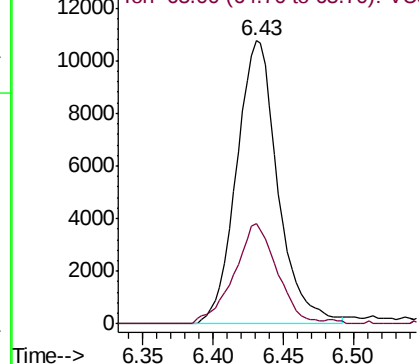


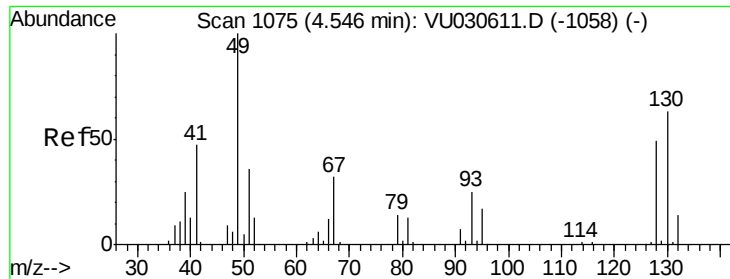
#38
 1,2-Dichloropropane
 Concen: 2.085 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion: 63 Resp: 22120
 Ion Ratio Lower Upper
 63 100
 65 35.4 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU030611.D (-1644) (-)
 Ion 65.00 (64.70 to 65.70): VU030611.D (-1644) (-)

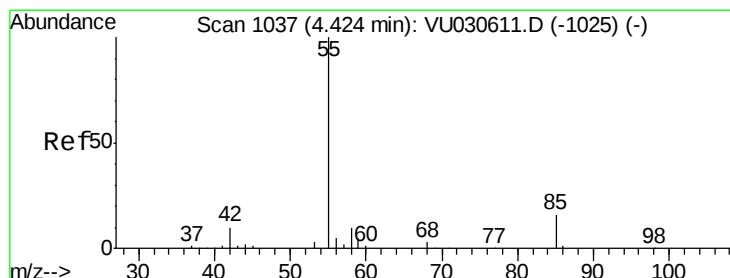
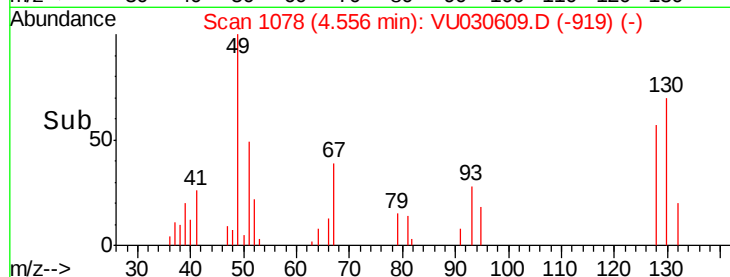
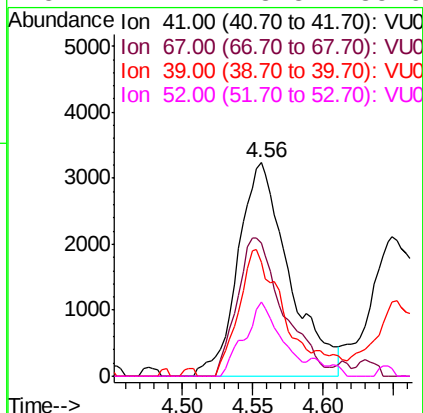
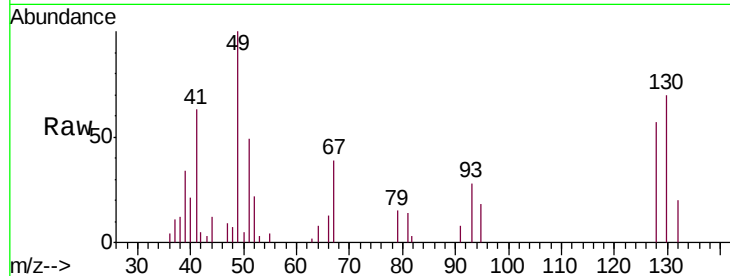




#39
Methacrylonitrile
Concen: 2.575 ug/l
RT: 4.56 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

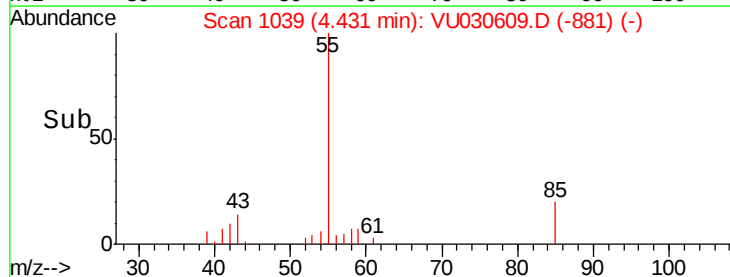
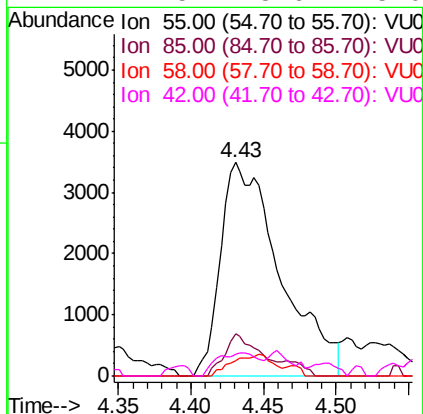
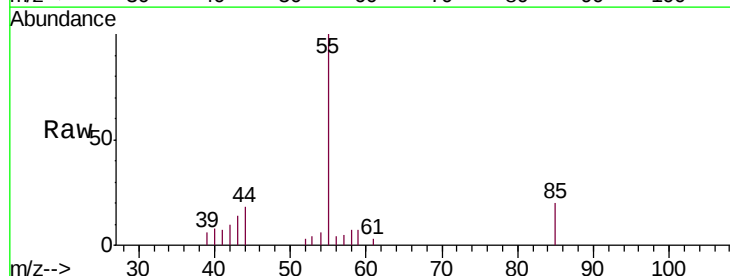
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

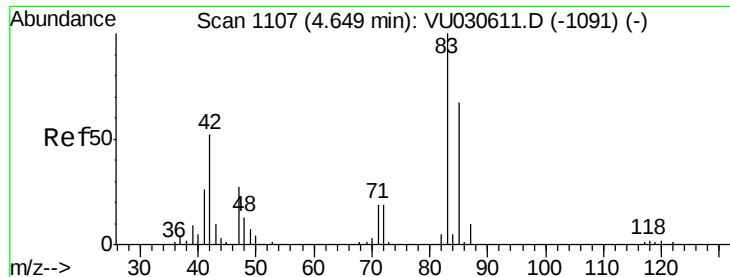
Tgt Ion:	41	Resp:	8195
Ion	Ratio	Lower	Upper
41	100		
67	58.5	54.1	81.1
39	49.7	41.7	62.5
52	24.7	23.8	35.6



#40
Methyl acrylate
Concen: 2.067 ug/l
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

Tgt Ion:	55	Resp:	9980
Ion	Ratio	Lower	Upper
55	100		
85	11.7	12.5	18.7#
58	0.0	7.5	11.3#
42	7.5	8.6	13.0#





#41

Tetrahydrofuran

Concen: 5.330 ug/l

RT: 4.66 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

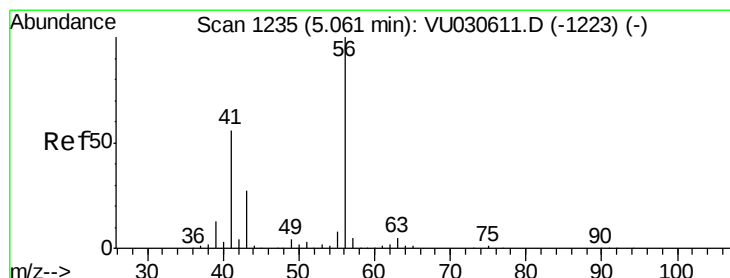
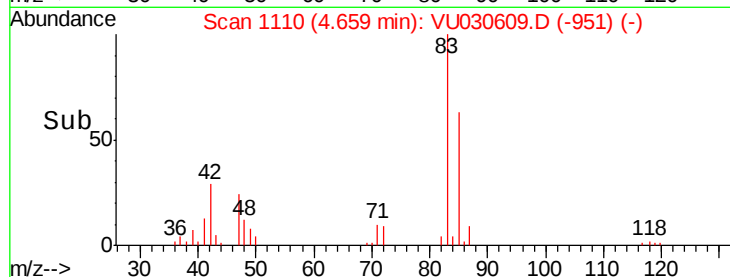
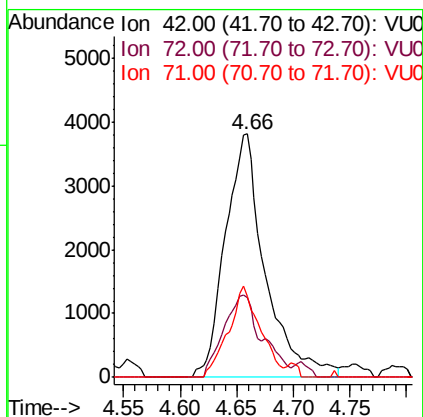
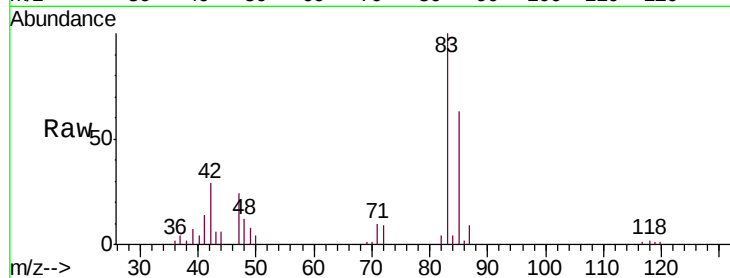
Tgt Ion: 42 Resp: 9357

Ion Ratio Lower Upper

42 100

72 32.8 29.8 44.8

71 29.8 27.7 41.5



#42

1-Chlorobutane

Concen: 2.028 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VU030609.D

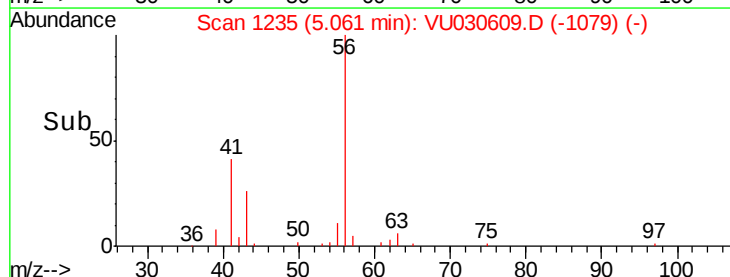
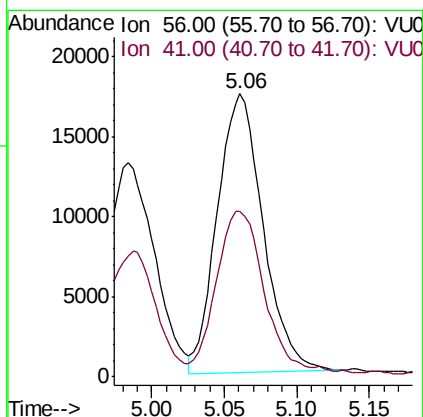
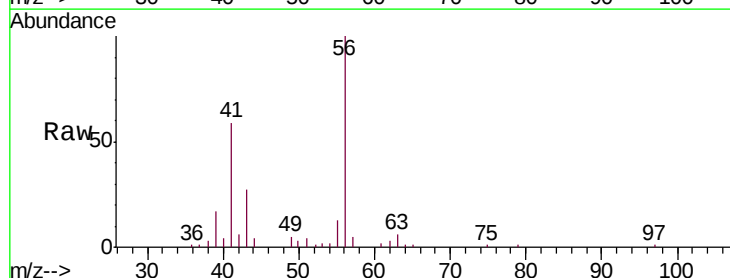
Acq: 02 Apr 2019 18:58

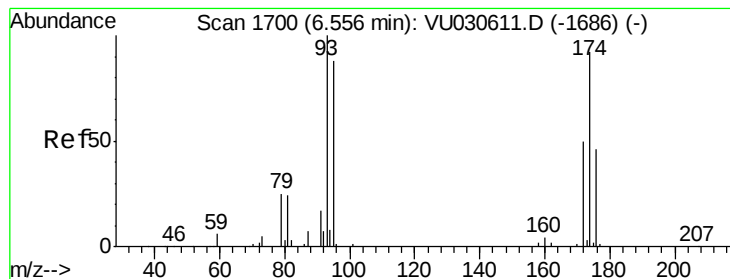
Tgt Ion: 56 Resp: 38238

Ion Ratio Lower Upper

56 100

41 61.4 27.6 82.8





#43

Dibromomethane

Concen: 1.930 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

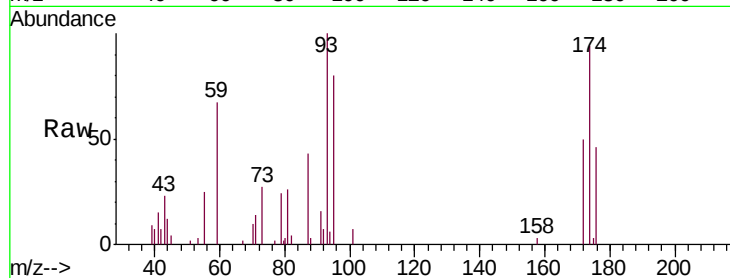
Tgt Ion: 93 Resp: 10436

Ion Ratio Lower Upper

93 100

95 83.3 65.7 98.5

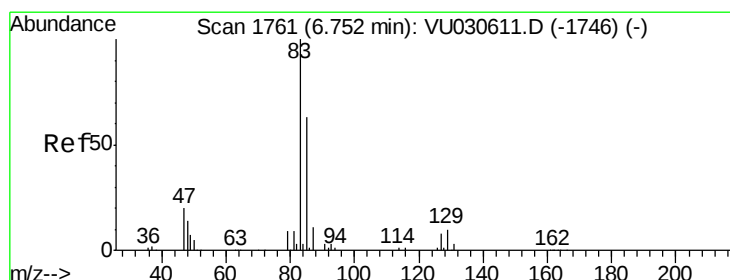
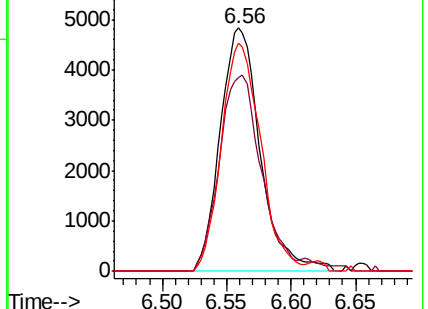
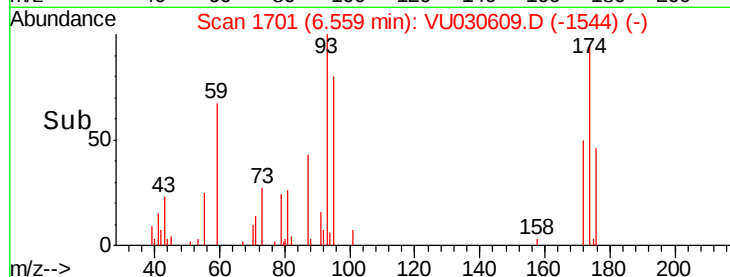
174 91.7 70.3 105.5



Abundance Ion 93.00 (92.70 to 93.70): VU030611.D (-1686) (-)

Ion 95.00 (94.70 to 95.70): VU030611.D (-1686) (-)

Ion 174.00 (173.70 to 174.70): VU030611.D (-1686) (-)



#44

Bromodichloromethane

Concen: 2.103 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

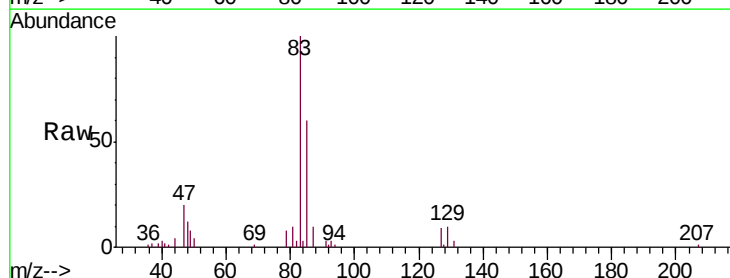
Tgt Ion: 83 Resp: 27364

Ion Ratio Lower Upper

83 100

85 59.7 50.6 76.0

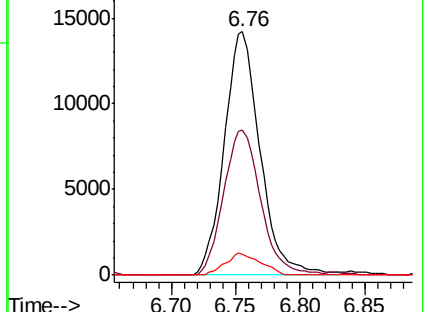
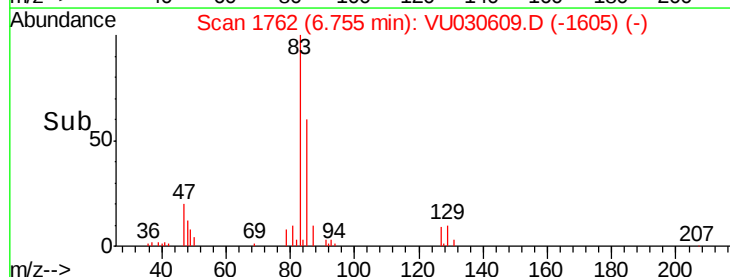
127 8.5 6.6 10.0

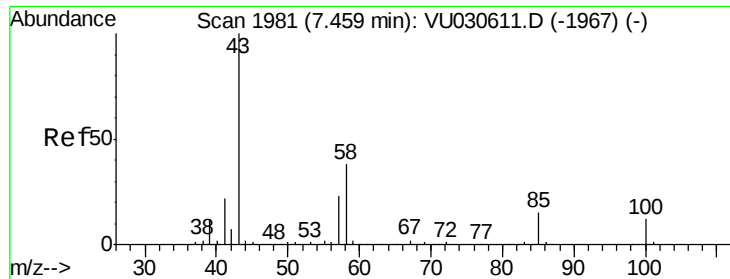


Abundance Ion 83.00 (82.70 to 83.70): VU030611.D (-1746) (-)

Ion 85.00 (84.70 to 85.70): VU030611.D (-1746) (-)

Ion 127.00 (126.70 to 127.70): VU030611.D (-1746) (-)

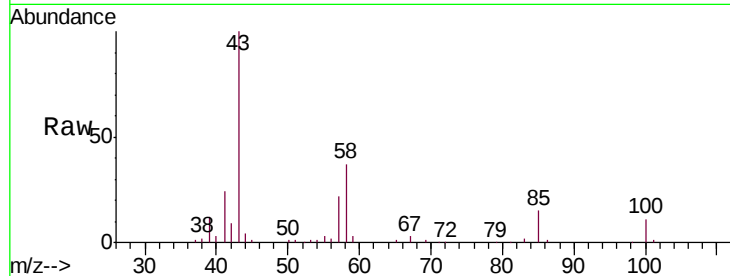




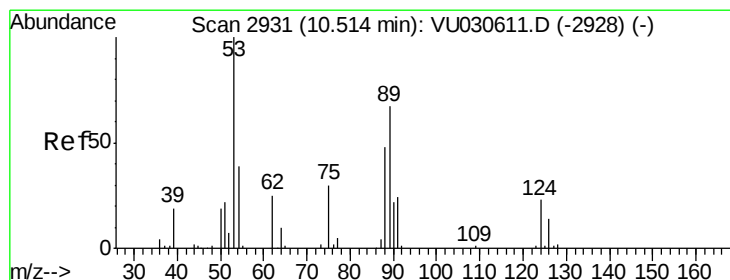
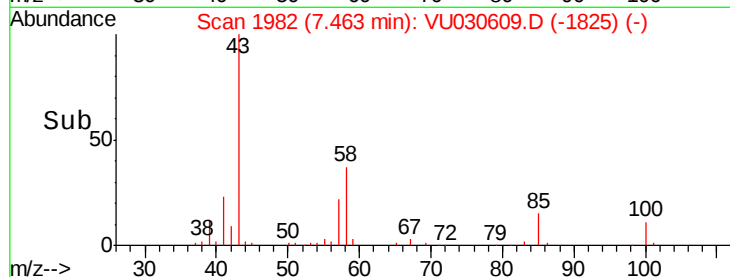
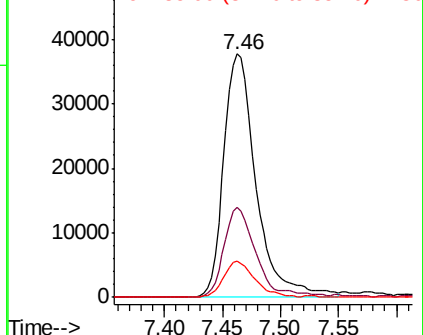
#45
4-Methyl-2-Pentanone
Concen: 12.480 ug/l
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 73089
Ion Ratio Lower Upper
43 100
58 36.6 18.6 55.8
85 14.3 11.6 17.4

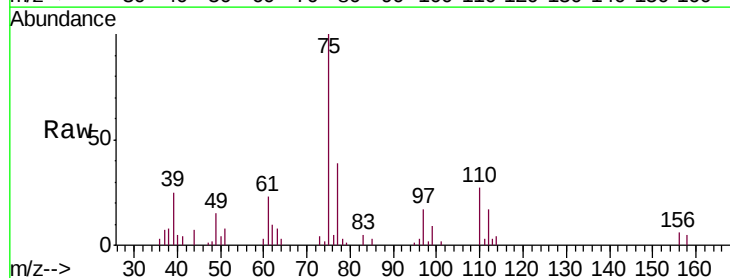


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

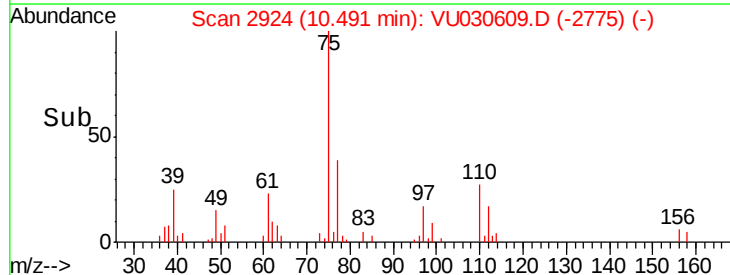
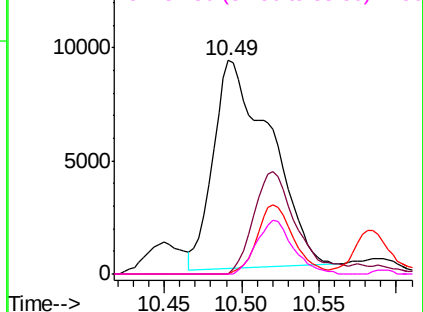


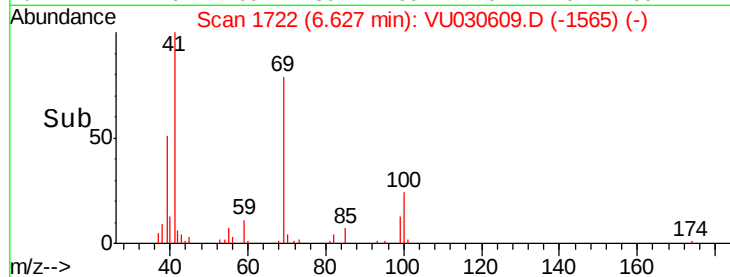
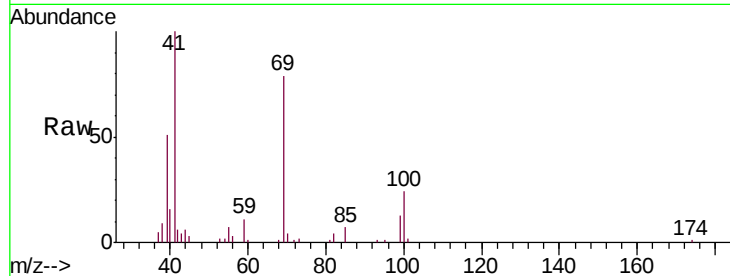
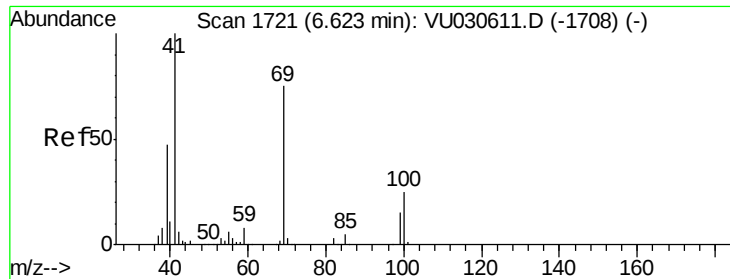
#46
t-1,4-Dichloro-2-butene
Concen: 11.156 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

Tgt Ion: 75 Resp: 23823
Ion Ratio Lower Upper
75 100
53 36.4 64.3 96.5#
89 21.2 40.8 61.2#
88 16.5 30.2 45.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0





#47

Methyl methacrylate

Concen: 3.983 ug/l

RT: 6.63 min Scan# 1722

Delta R.T. 0.00 min

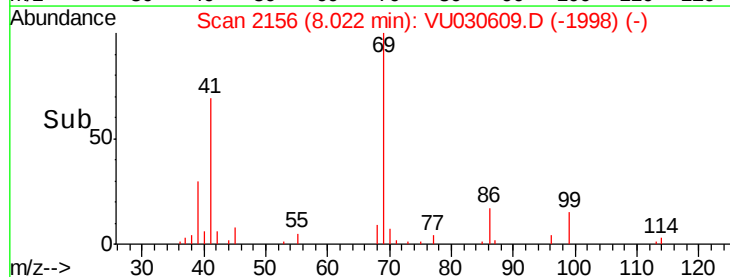
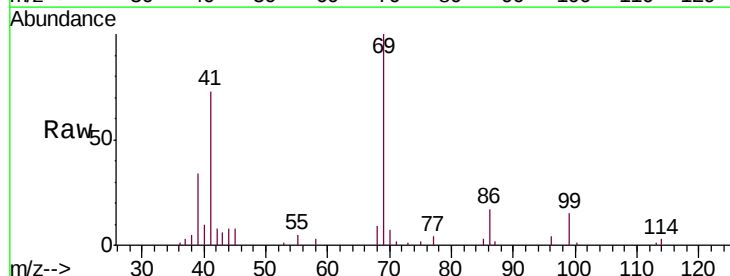
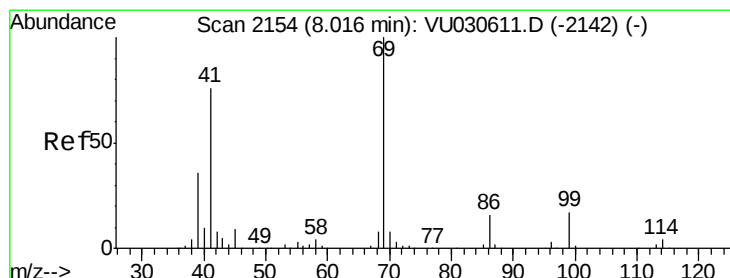
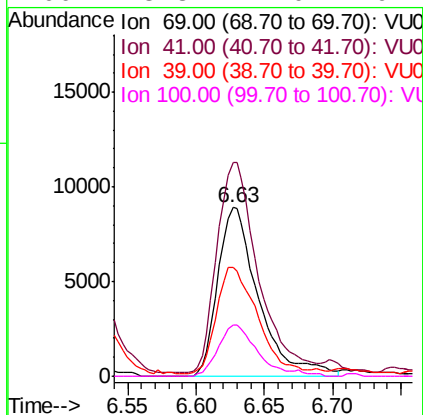
Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 69 Resp: 18521

Ion	Ratio	Lower	Upper
69	100		
41	127.3	0.0	263.2
39	63.5	50.7	76.1
100	28.3	27.0	40.4



#48

Ethyl methacrylate

Concen: 1.964 ug/l

RT: 8.02 min Scan# 2156

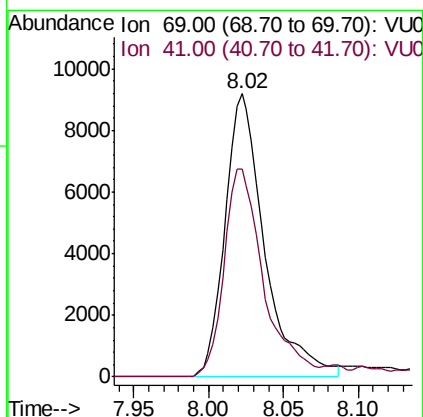
Delta R.T. 0.01 min

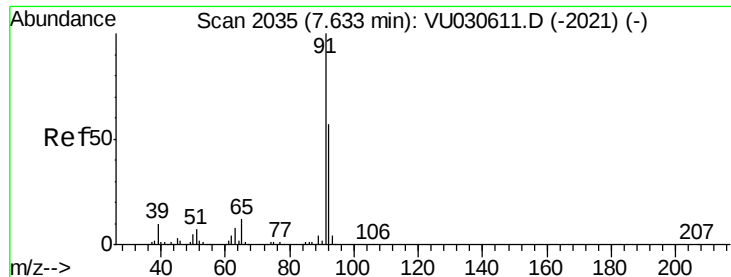
Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Tgt Ion: 69 Resp: 16925

Ion	Ratio	Lower	Upper
69	100		
41	73.2	37.3	111.9





#49

Toluene

Concen: 1.780 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

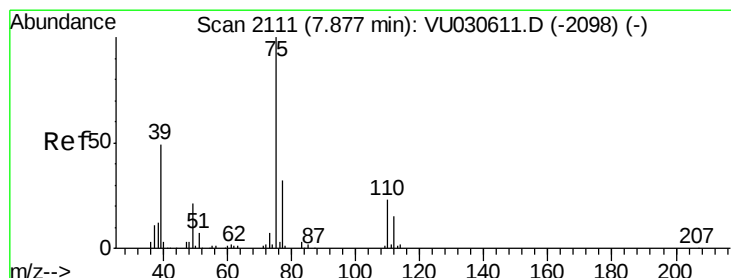
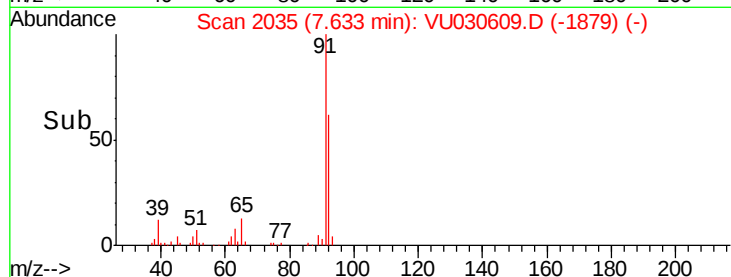
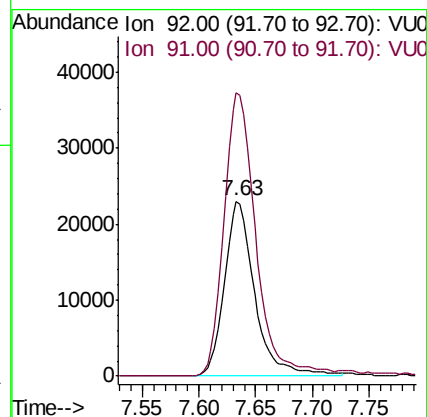
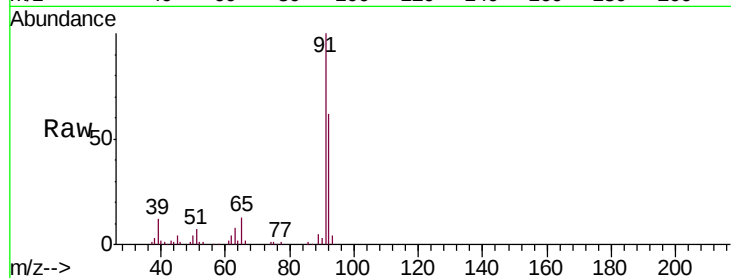
VSTDIC002

Tgt Ion: 92 Resp: 43118

Ion Ratio Lower Upper

92 100

91 169.7 142.1 213.1



#50

t-1,3-Dichloropropene

Concen: 2.035 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU030609.D

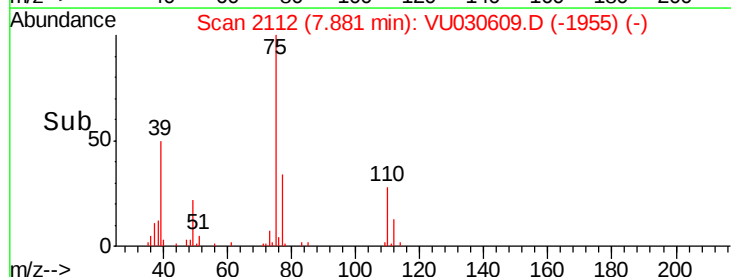
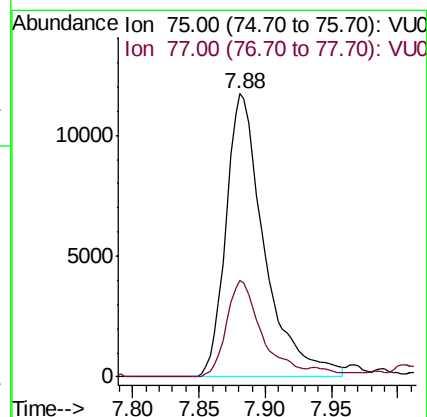
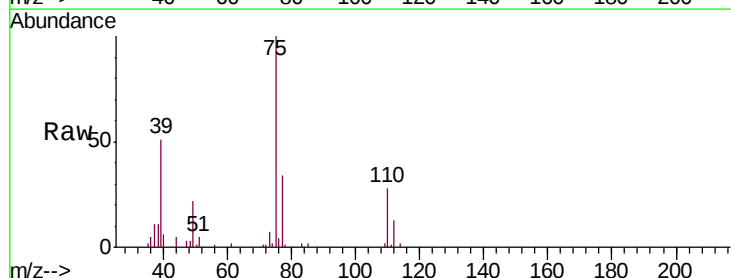
Acq: 02 Apr 2019 18:58

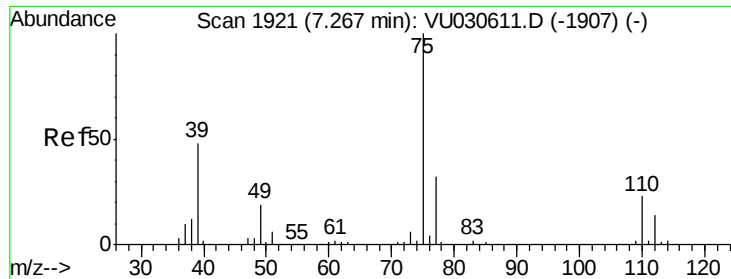
Tgt Ion: 75 Resp: 23641

Ion Ratio Lower Upper

75 100

77 34.1 25.4 38.0



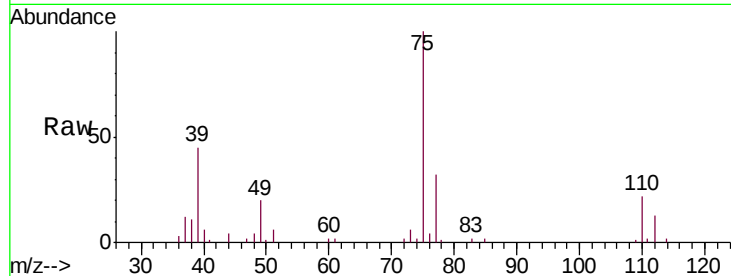


#51

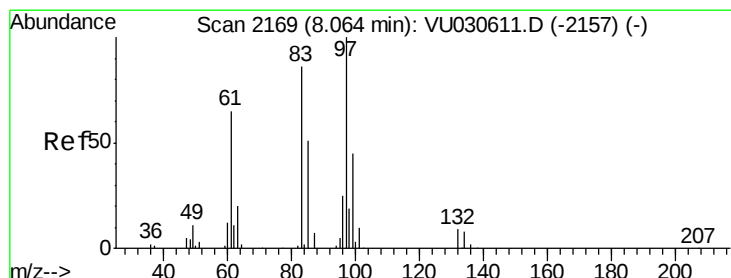
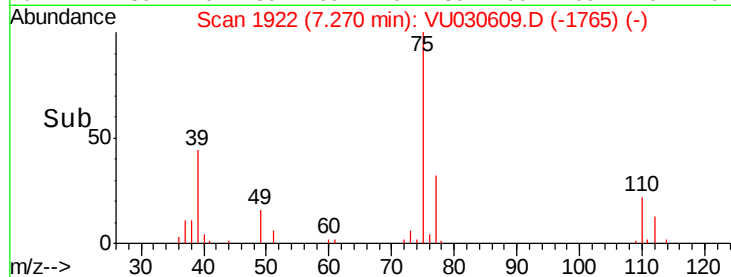
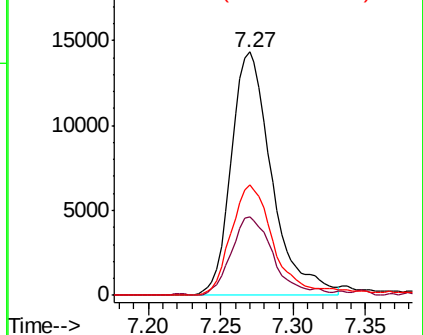
cis-1,3-Dichloropropene
 Concen: 1.929 ug/l
 RT: 7.27 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion: 75 Resp: 27913
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0
 39 45.4 38.5 57.7



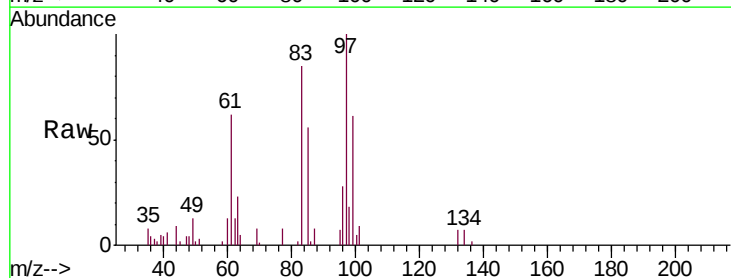
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



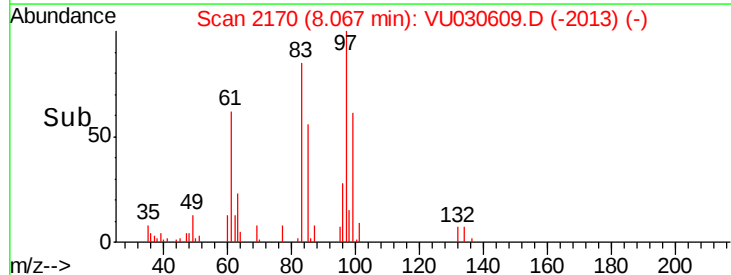
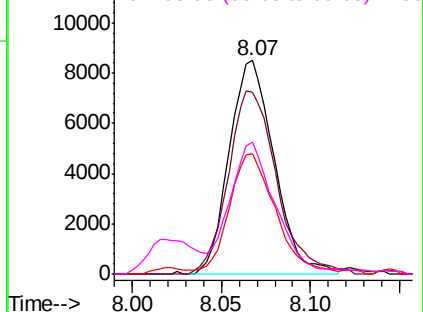
#52

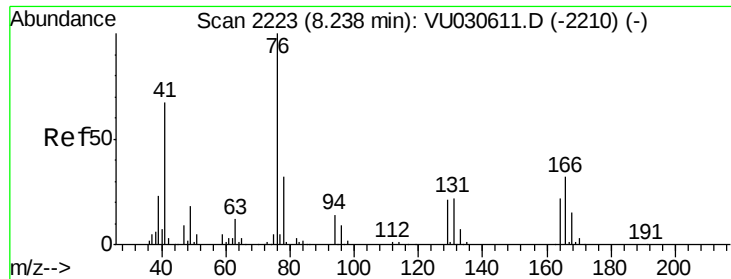
1,1,2-Trichloroethane
 Concen: 1.965 ug/l
 RT: 8.07 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion: 97 Resp: 14931
 Ion Ratio Lower Upper
 97 100
 83 85.0 68.6 103.0
 85 54.7 41.8 62.8
 99 59.0 48.3 72.5



Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

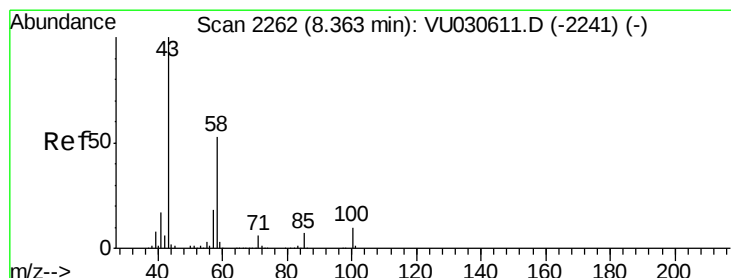
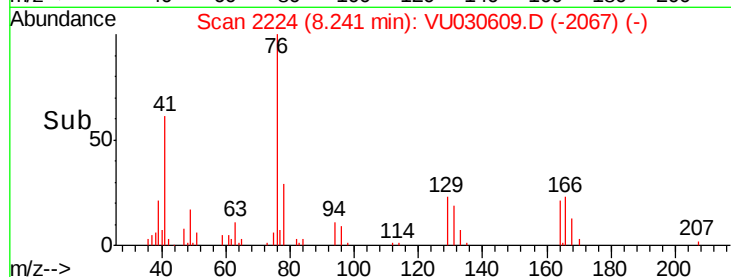
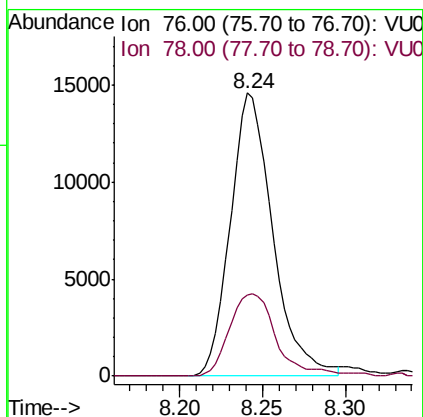
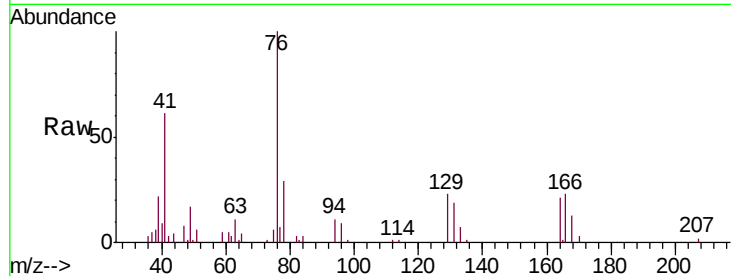




#53
 1,3-Dichloropropane
 Concen: 2.014 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

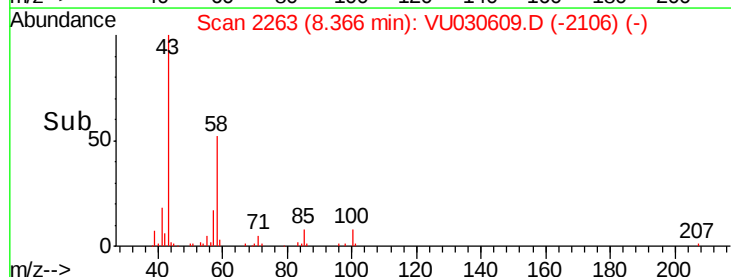
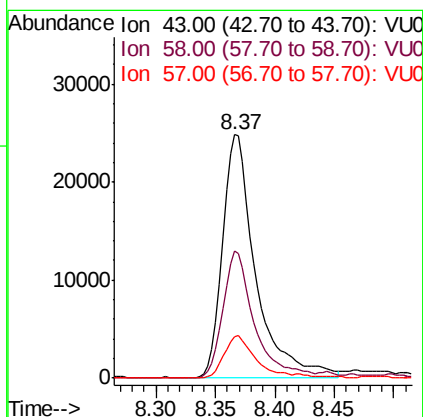
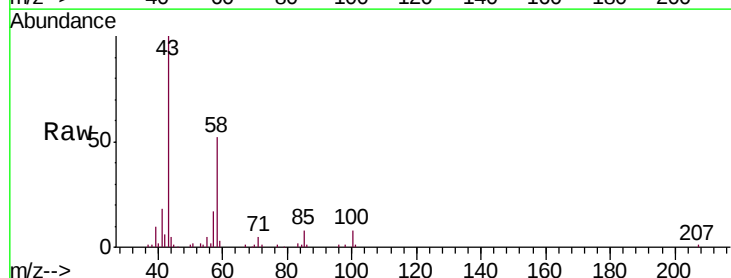
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

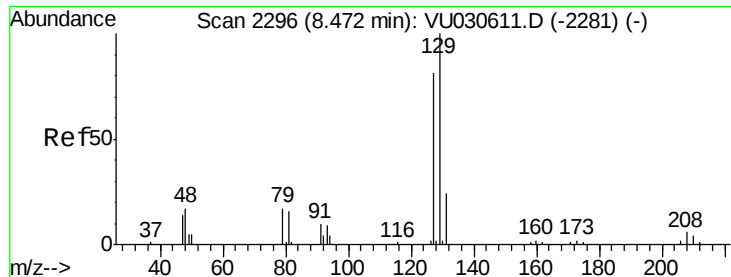
Tgt Ion: 76 Resp: 25988
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8



#54
 2-Hexanone
 Concen: 11.603 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion: 43 Resp: 48215
 Ion Ratio Lower Upper
 43 100
 58 49.2 33.1 73.1
 57 16.9 0.0 38.1





#55

Dibromochloromethane

Concen: 1.922 ug/l

RT: 8.47 min Scan# 2296

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

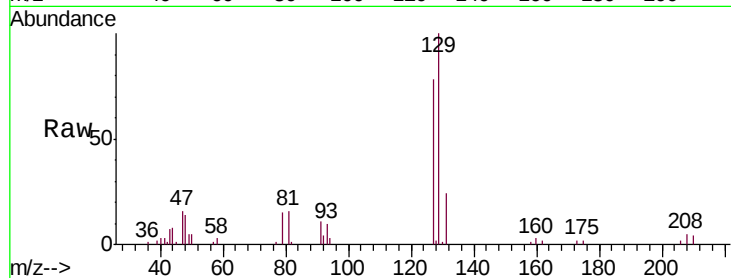
VSTDIC002

Tgt Ion:129 Resp: 17361

Ion Ratio Lower Upper

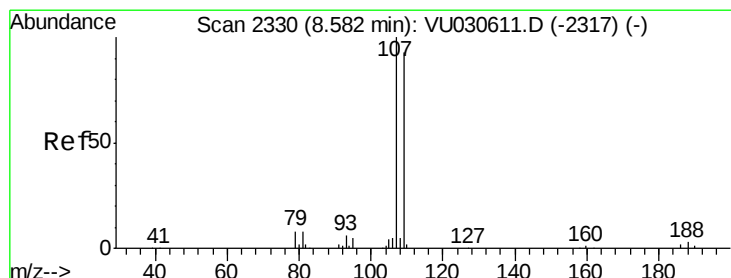
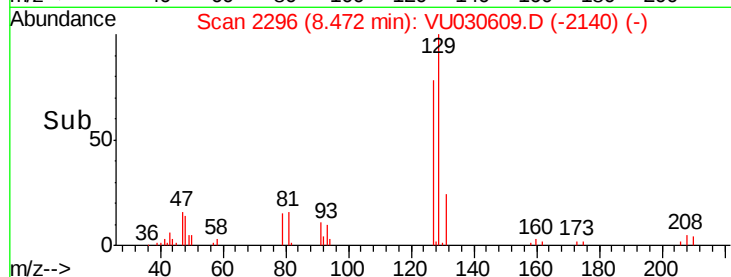
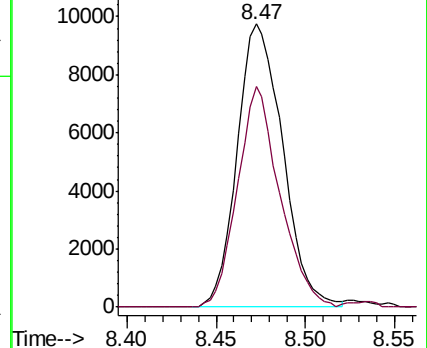
129 100

127 72.2 62.8 94.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.820 ug/l

RT: 8.59 min Scan# 2332

Delta R.T. 0.01 min

Lab File: VU030609.D

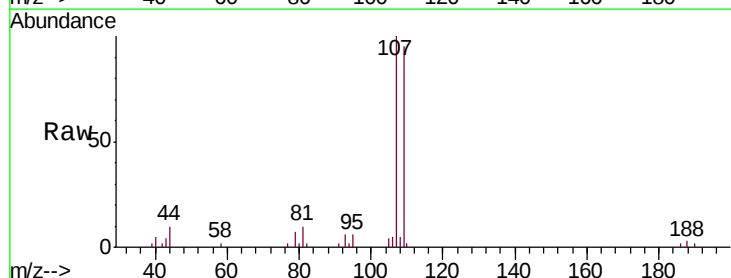
Acq: 02 Apr 2019 18:58

Tgt Ion:107 Resp: 13191

Ion Ratio Lower Upper

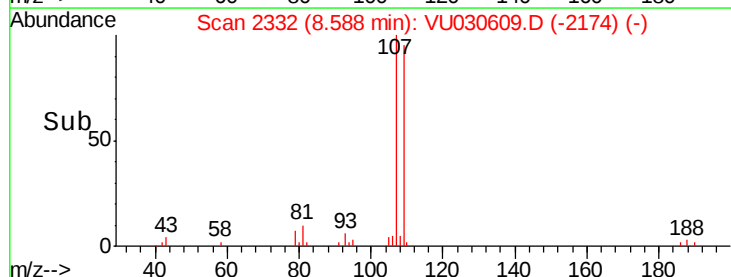
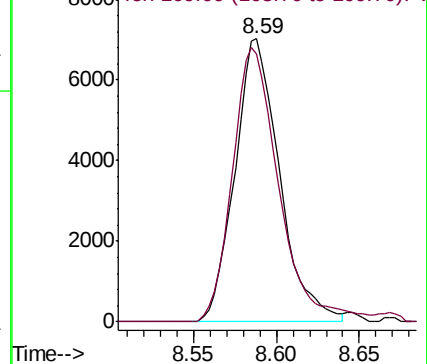
107 100

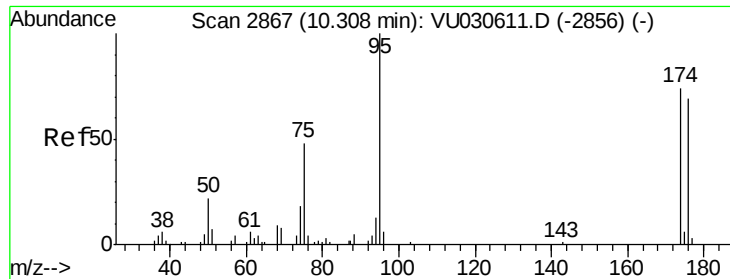
109 100.8 0.0 187.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

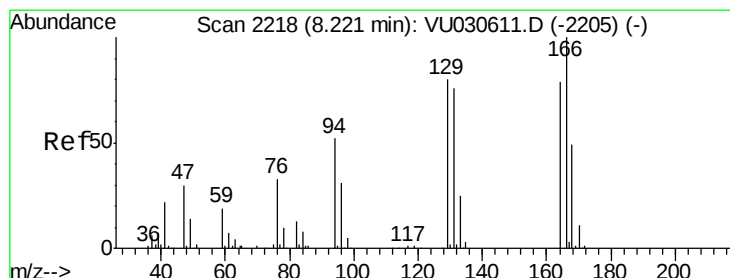
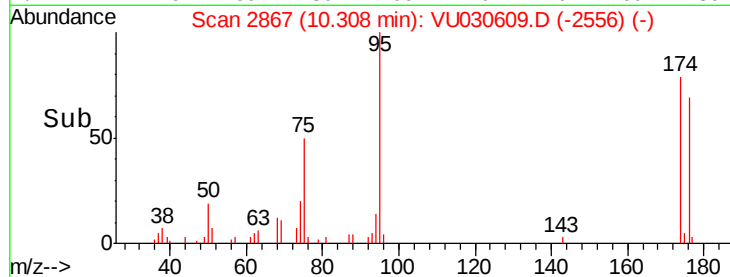
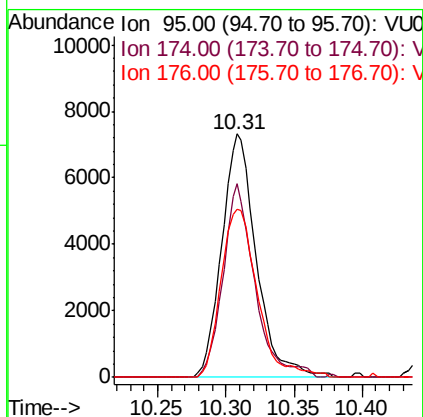
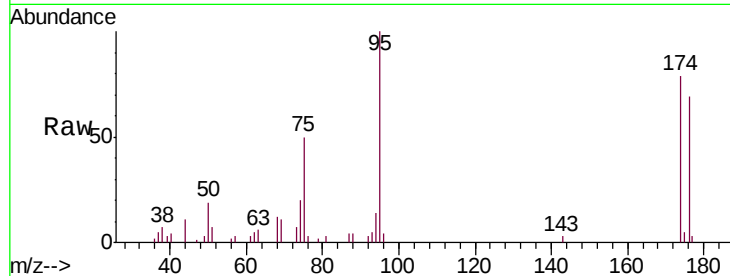




#57
 4-Bromofluorobenzene
 Concen: 1.820 ug/l
 RT: 10.31 min Scan# 2867
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

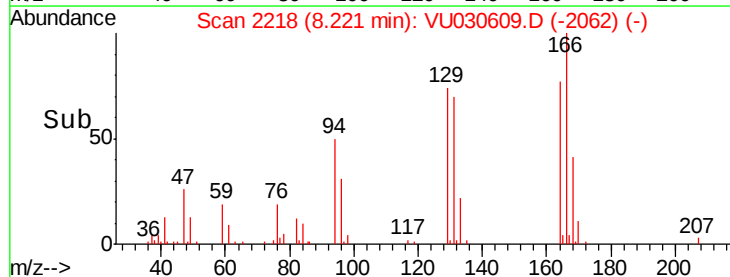
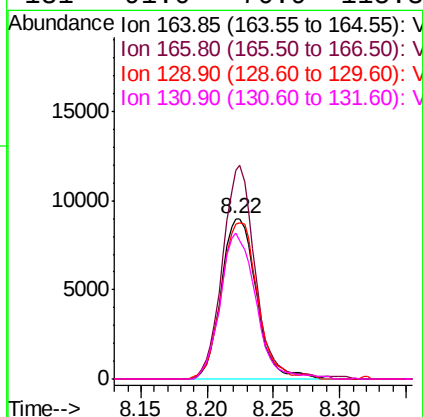
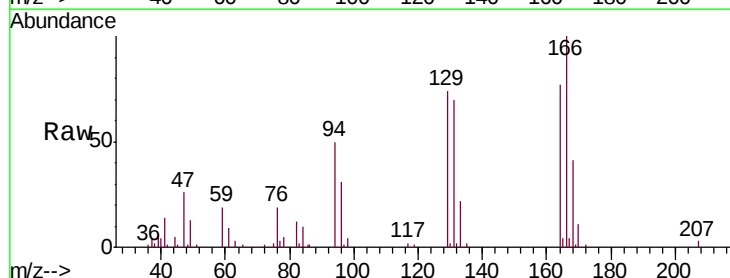
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

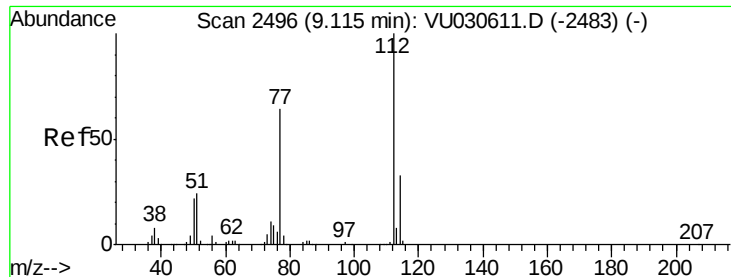
Tgt Ion: 95 Resp: 12895
 Ion Ratio Lower Upper
 95 100
 174 72.5 59.1 88.7
 176 72.8 55.7 83.5



#58
 Tetrachloroethene
 Concen: 1.626 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion: 164 Resp: 16707
 Ion Ratio Lower Upper
 164 100
 166 130.2 101.0 151.4
 129 96.3 80.6 120.8
 131 91.0 76.9 115.3





#59

Chlorobenzene

Concen: 1.650 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

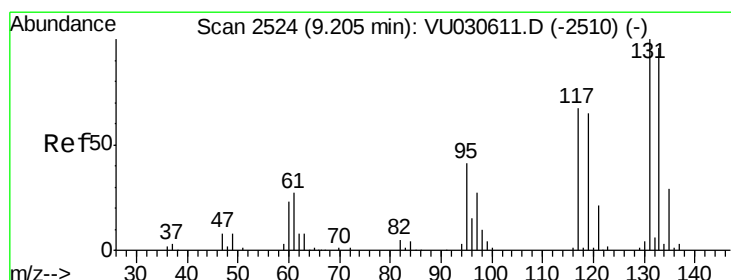
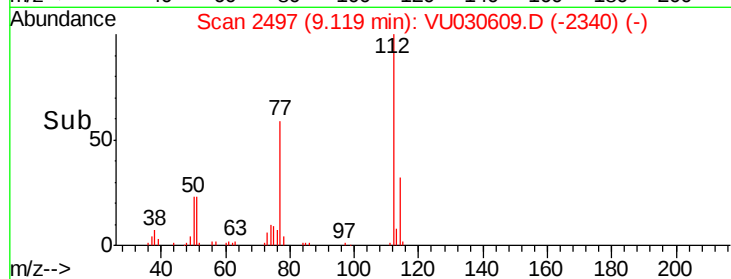
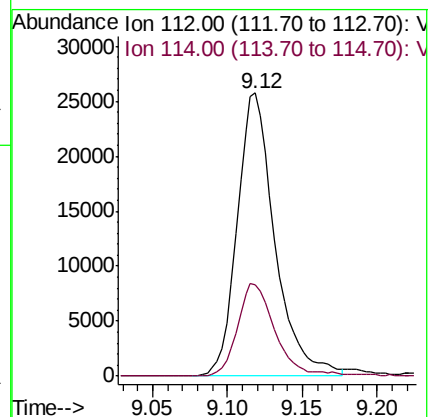
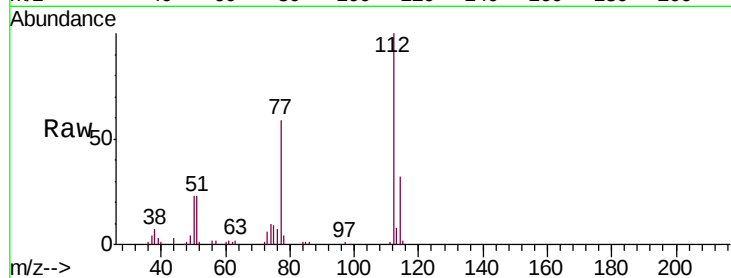
VSTDIC002

Tgt Ion:112 Resp: 45074

Ion Ratio Lower Upper

112 100

114 32.5 26.2 39.4



#60

1,1,1,2-Tetrachloroethane

Concen: 1.811 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

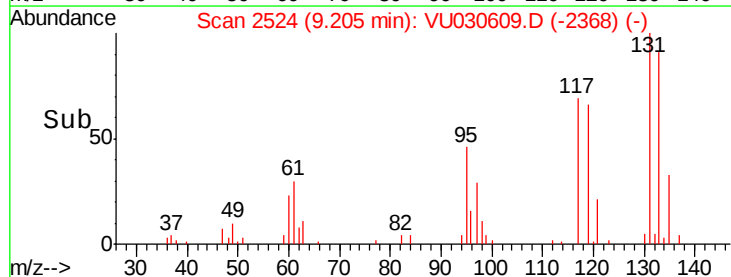
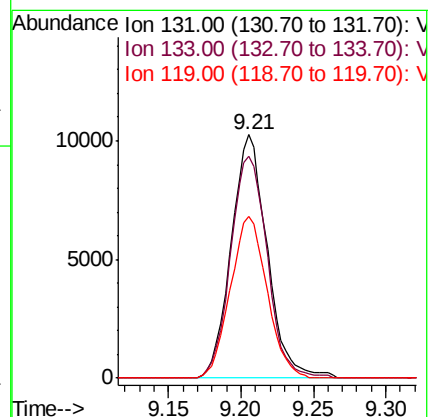
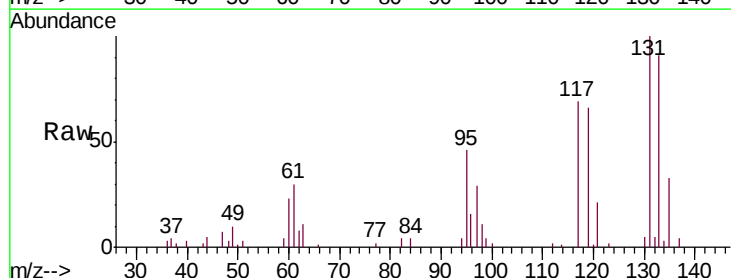
Tgt Ion:131 Resp: 17641

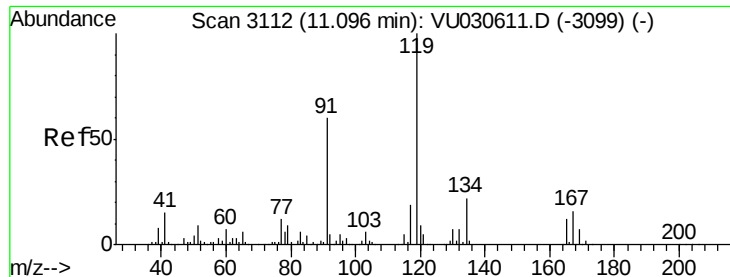
Ion Ratio Lower Upper

131 100

133 92.5 75.0 112.6

119 67.7 52.2 78.2

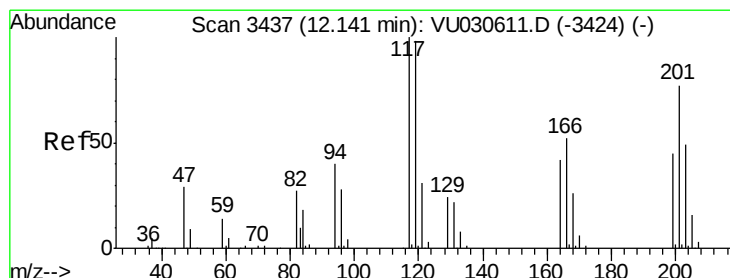
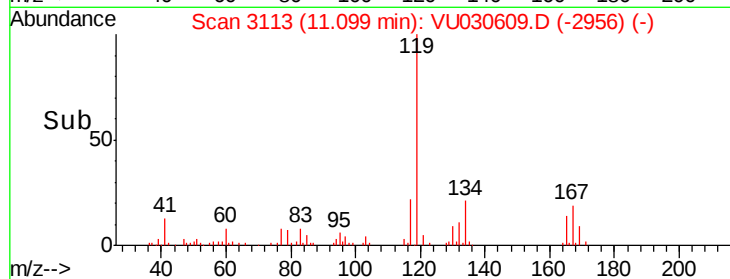
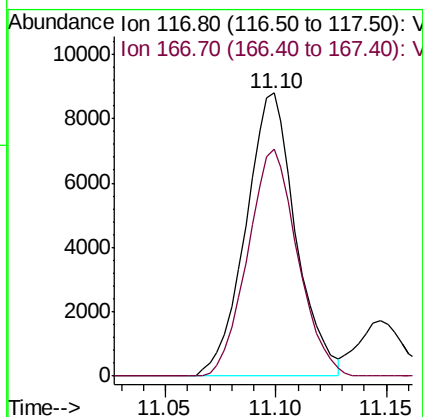
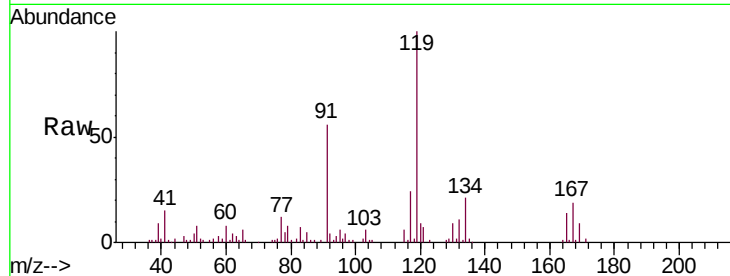




#61
 Pentachloroethane
 Concen: 1.844 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

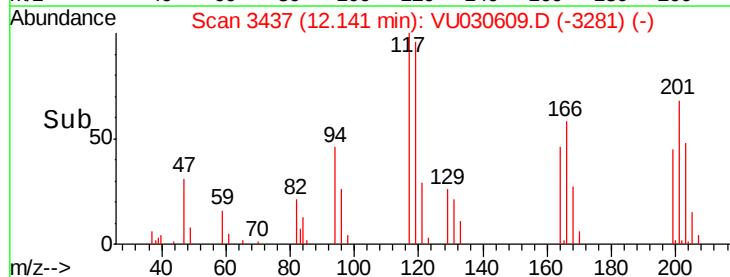
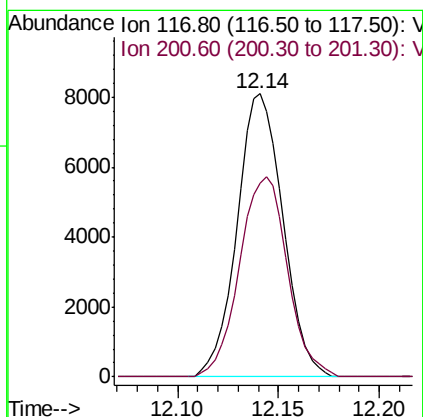
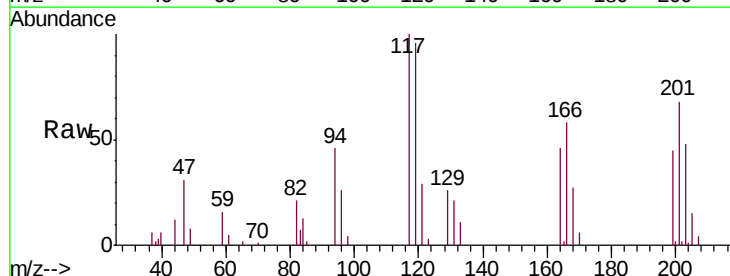
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

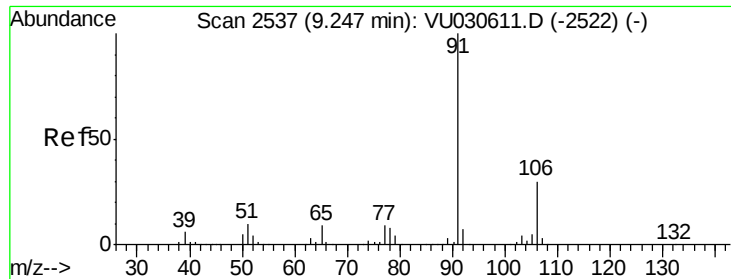
Tgt Ion:117 Resp: 13860
 Ion Ratio Lower Upper
 117 100
 167 80.1 65.6 98.4



#62
 Hexachloroethane
 Concen: 1.733 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion:117 Resp: 12910
 Ion Ratio Lower Upper
 117 100
 201 73.9 60.5 90.7

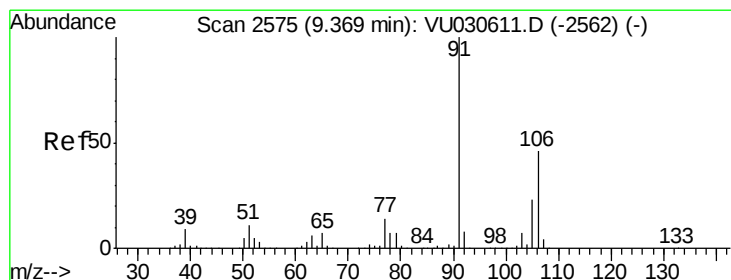
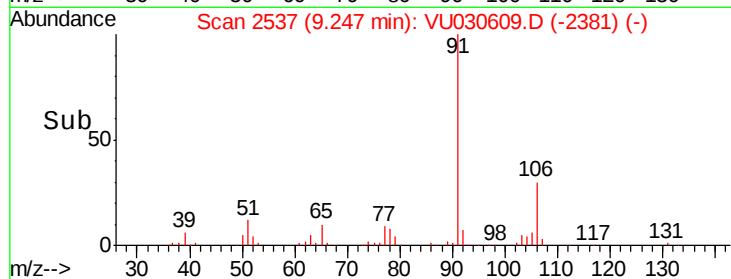
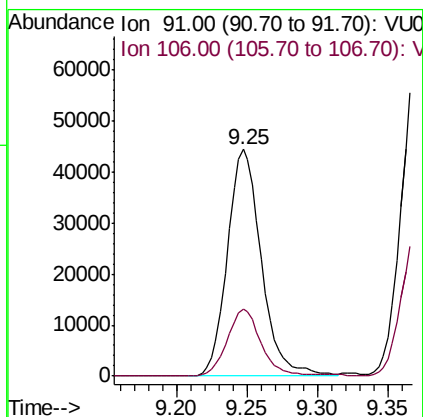
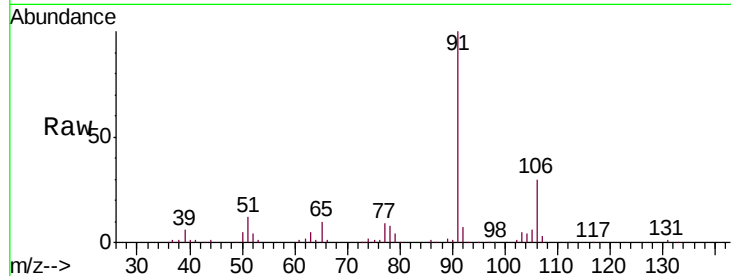




#63
Ethyl Benzene
Concen: 1.647 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

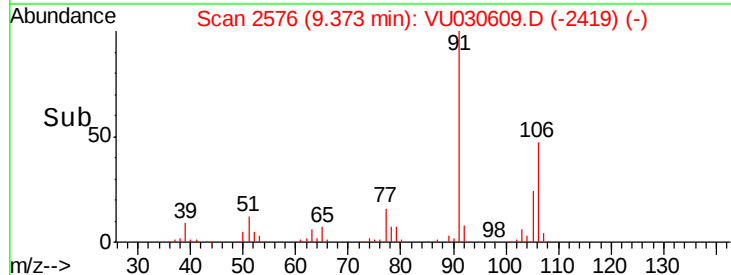
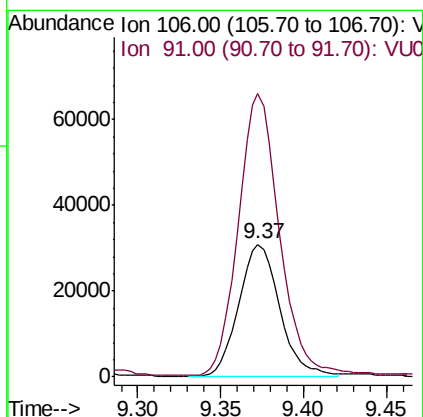
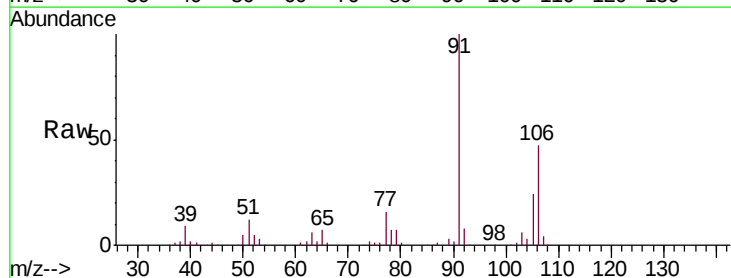
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

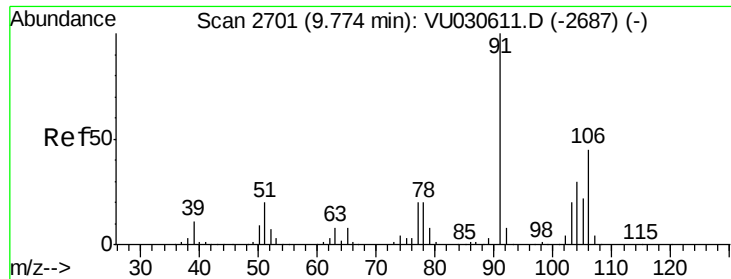
Tgt Ion: 91 Resp: 74814
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5



#64
m/p-Xylenes
Concen: 3.038 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

Tgt Ion: 106 Resp: 53381
Ion Ratio Lower Upper
106 100
91 212.8 173.8 260.8

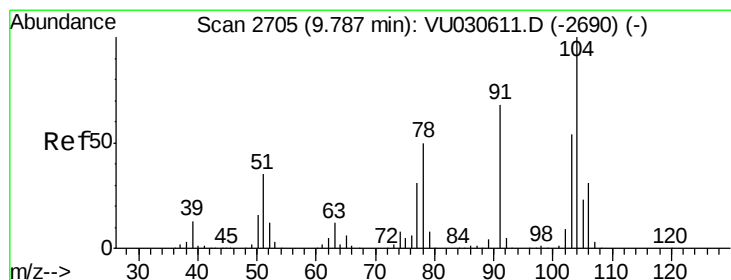
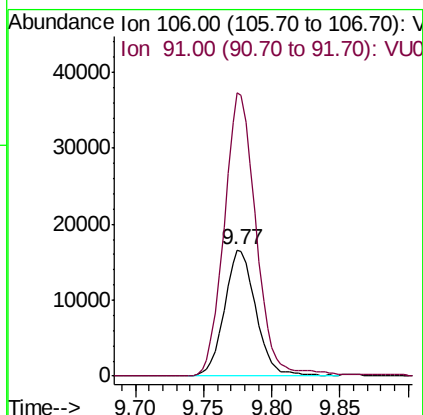
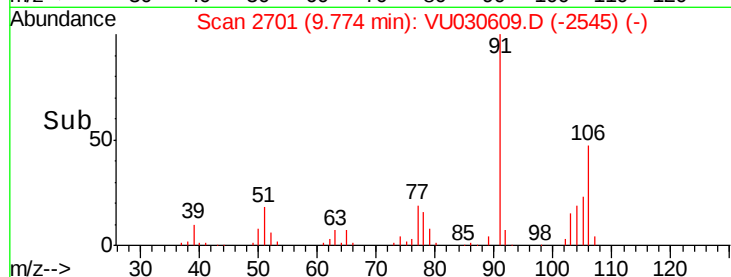
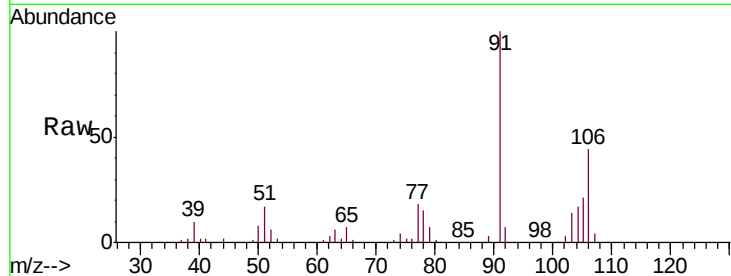




#65
o-Xylene
Concen: 1.546 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

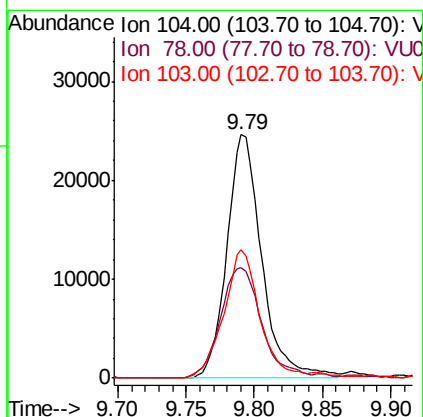
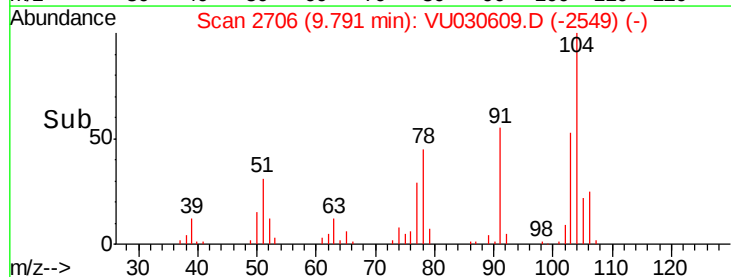
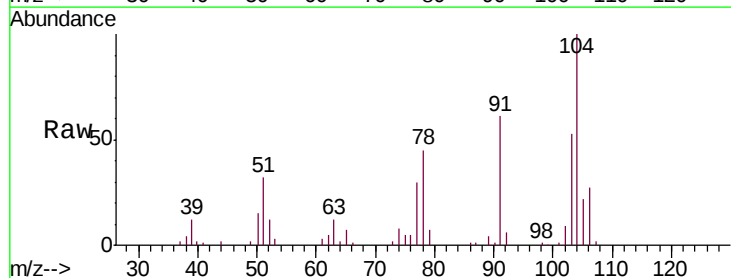
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

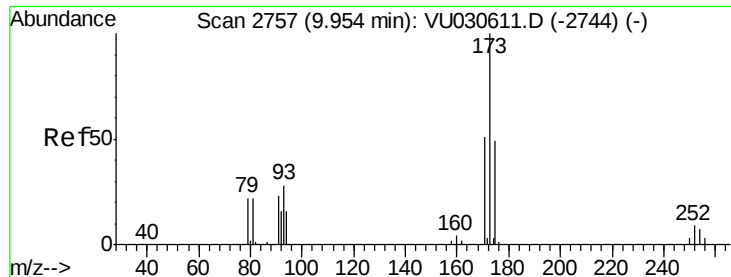
Tgt Ion:106 Resp: 26633
Ion Ratio Lower Upper
106 100
91 229.4 111.8 335.3



#66
Styrene
Concen: 1.540 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

Tgt Ion:104 Resp: 43778
Ion Ratio Lower Upper
104 100
78 53.3 43.0 64.6
103 54.1 45.6 68.4

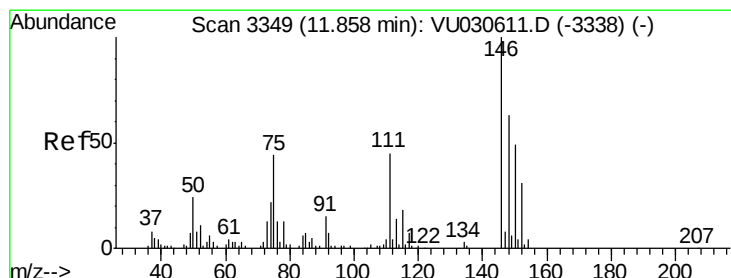
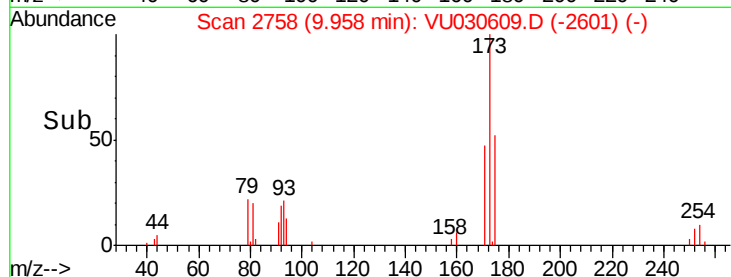
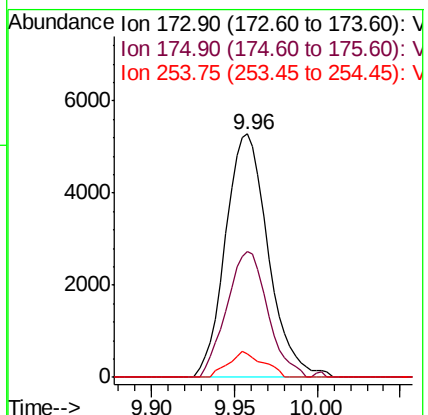
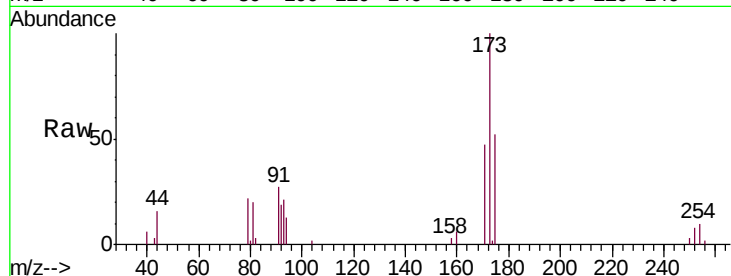




#67
 Bromoform
 Concen: 1.851 ug/l
 RT: 9.96 min Scan# 2758
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

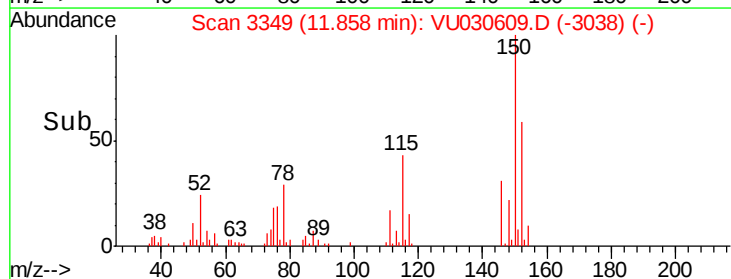
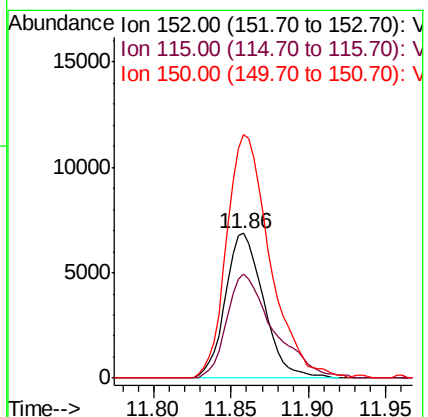
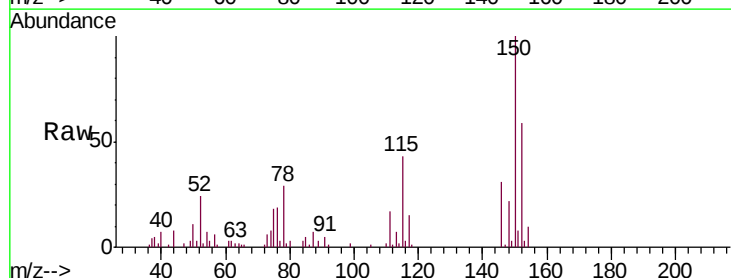
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

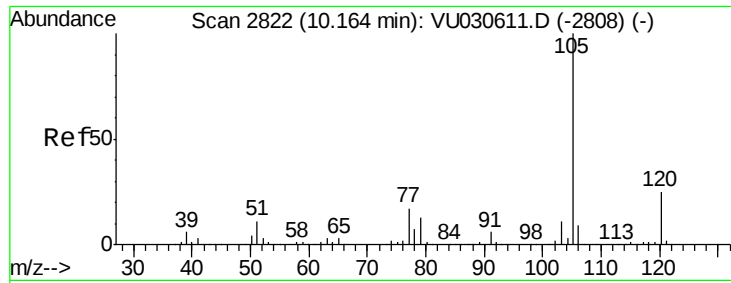
Tgt Ion:173 Resp: 9487
 Ion Ratio Lower Upper
 173 100
 175 49.6 39.2 58.8
 254 8.6 6.4 9.6



#68
 1,2-Dichlorobenzene-d4
 Concen: 1.851 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion:152 Resp: 11806
 Ion Ratio Lower Upper
 152 100
 115 87.8 0.0 122.4
 150 189.8 0.0 595.2





#69

Isopropylbenzene

Concen: 1.564 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

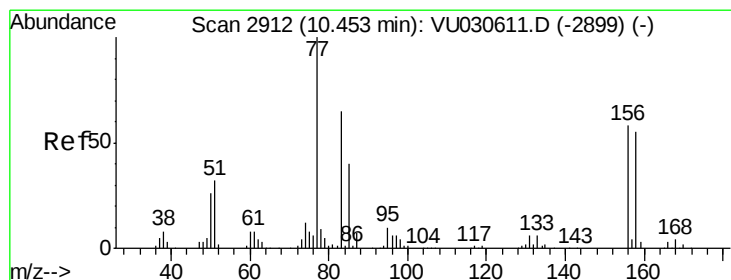
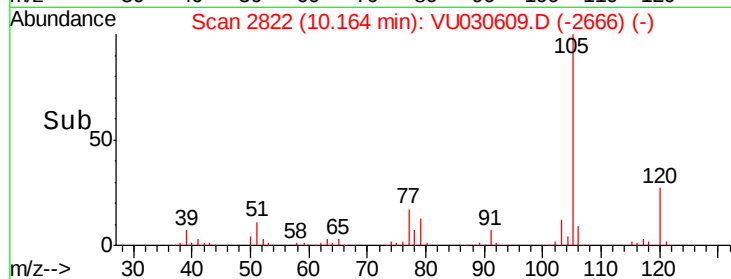
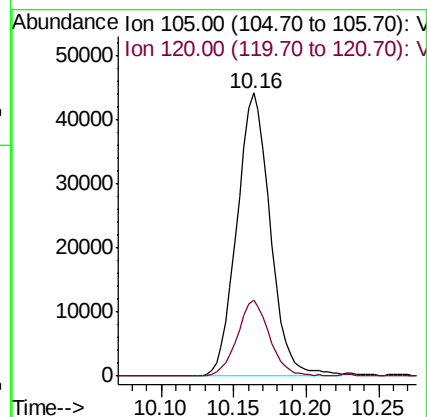
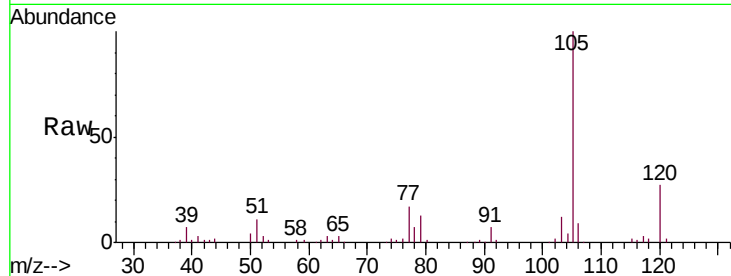
VSTDIC002

Tgt Ion:105 Resp: 70668

Ion Ratio Lower Upper

105 100

120 25.9 12.5 37.5



#70

1,1,2,2-Tetrachloroethane

Concen: 2.150 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

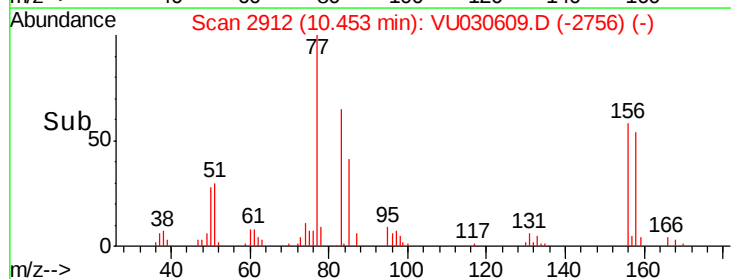
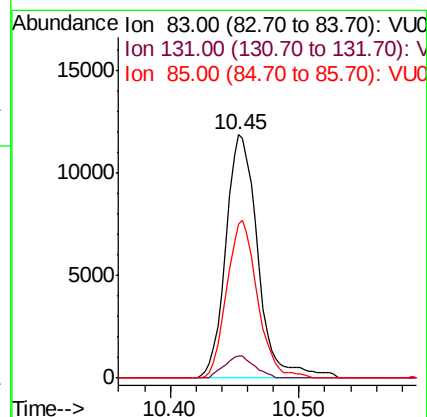
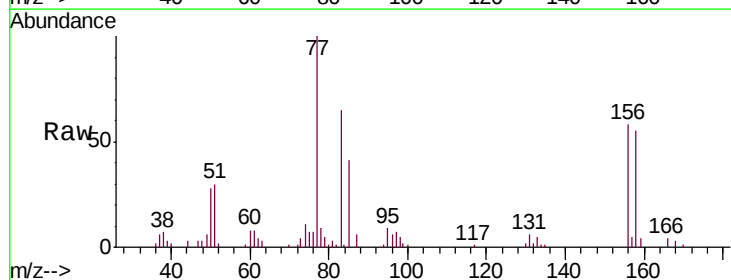
Tgt Ion: 83 Resp: 20429

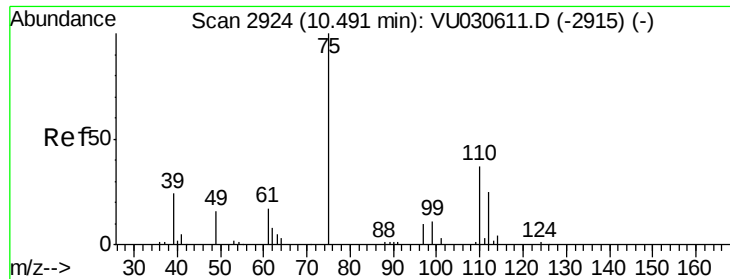
Ion Ratio Lower Upper

83 100

131 8.6 7.5 11.3

85 62.0 50.0 75.0

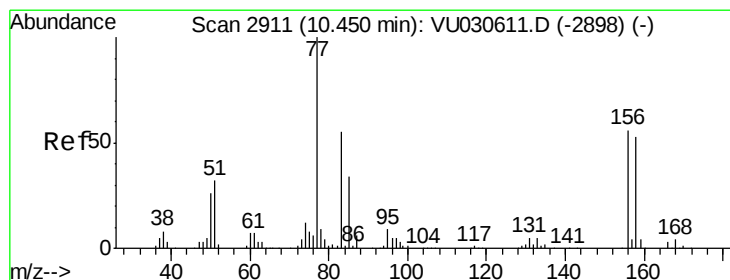
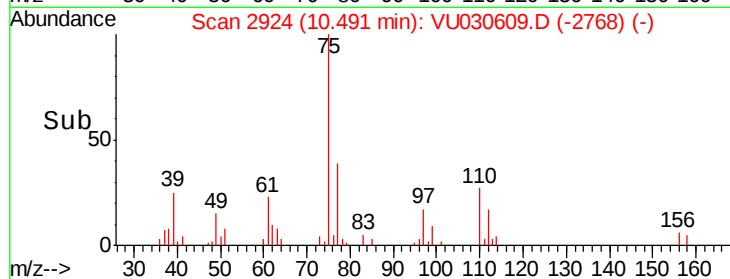
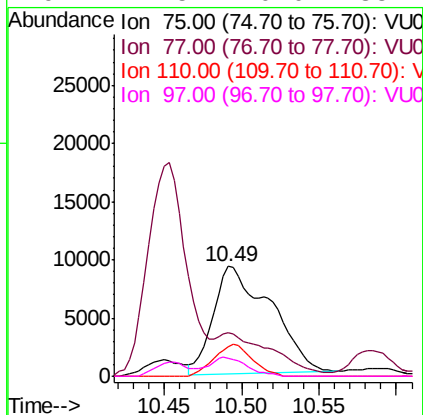
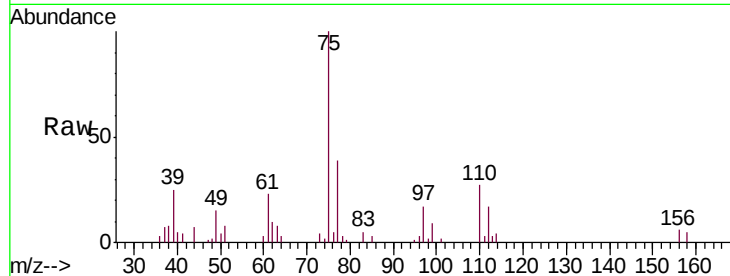




#71
 1,2,3-Trichloropropane
 Concen: 3.329 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

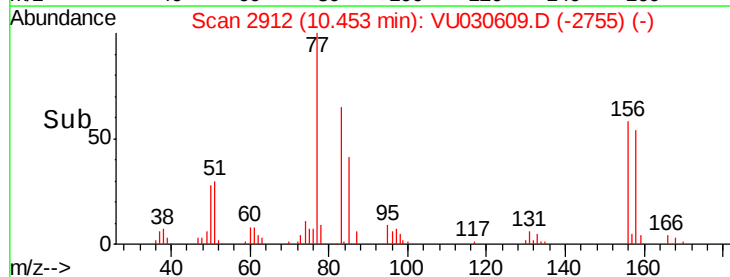
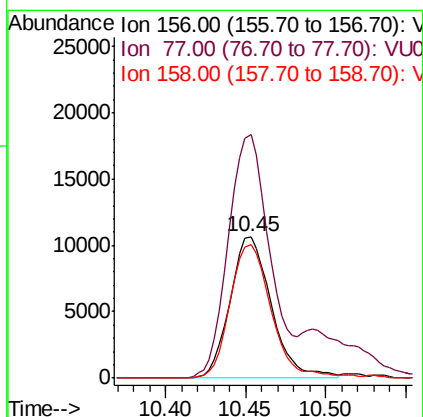
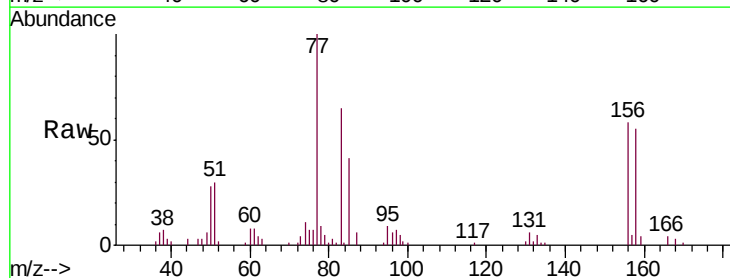
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

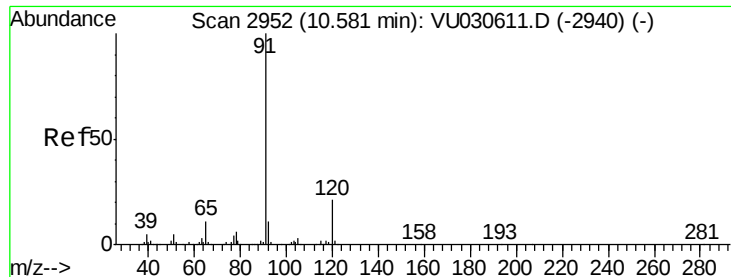
Tgt Ion:	75	Resp:	23823
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	19.7	0.0	67.8
97	11.5	0.0	35.2



#72
 Bromobenzene
 Concen: 1.610 ug/l
 RT: 10.45 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion:	156	Resp:	18798
Ion	Ratio	Lower	Upper
156	100		
77	173.4	0.0	362.2
158	93.4	0.0	192.4

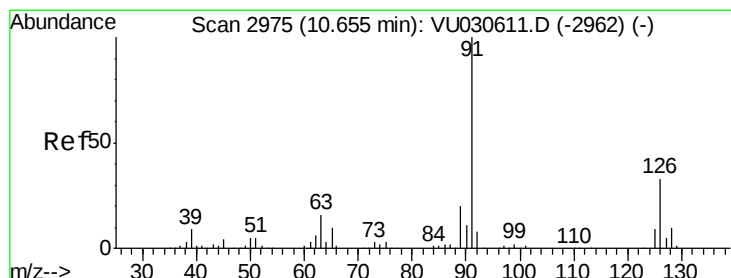
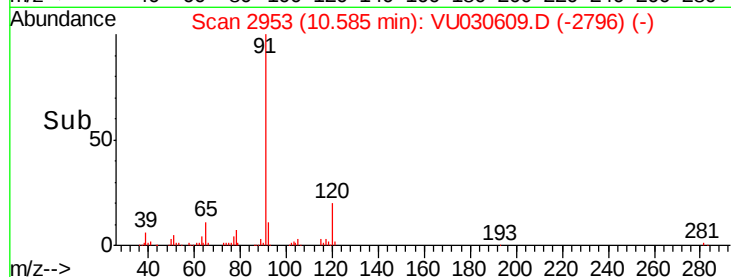
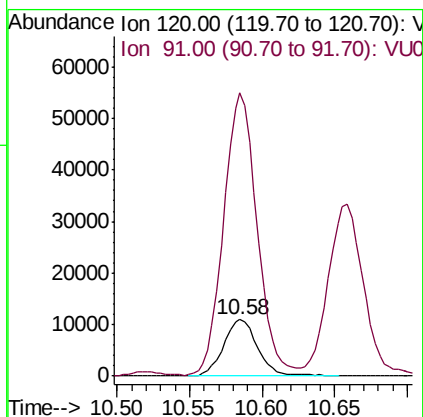
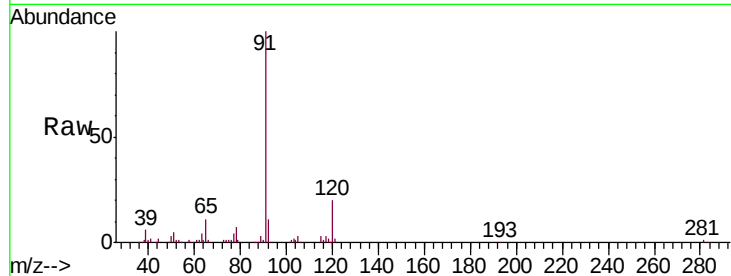




#73
n-propylbenzene
Concen: 1.408 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

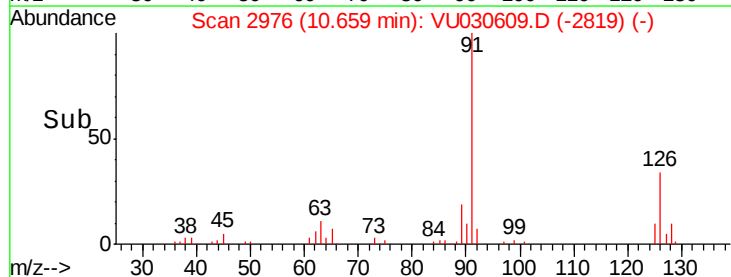
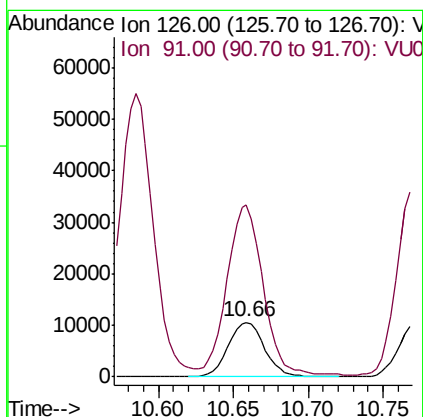
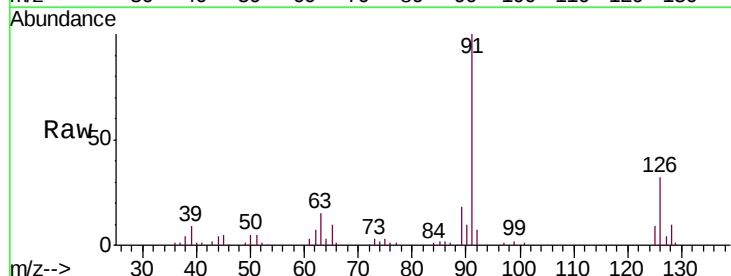
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

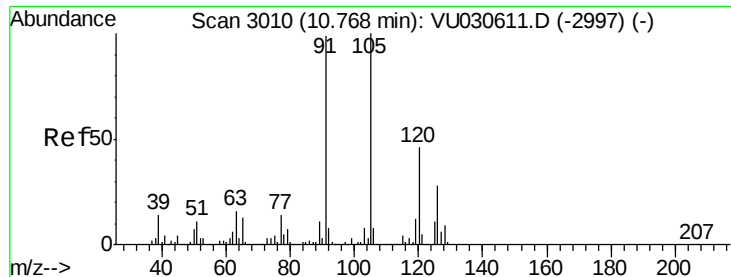
Tgt Ion:120 Resp: 17858
Ion Ratio Lower Upper
120 100
91 488.9 373.0 559.4



#74
2-Chlorotoluene
Concen: 1.618 ug/l
RT: 10.66 min Scan# 2976
Delta R.T. 0.00 min
Lab File: VU030609.D
Acq: 02 Apr 2019 18:58

Tgt Ion:126 Resp: 18013
Ion Ratio Lower Upper
126 100
91 303.5 0.0 643.6





#75

1,3,5-Trimethylbenzene

Concen: 1.541 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

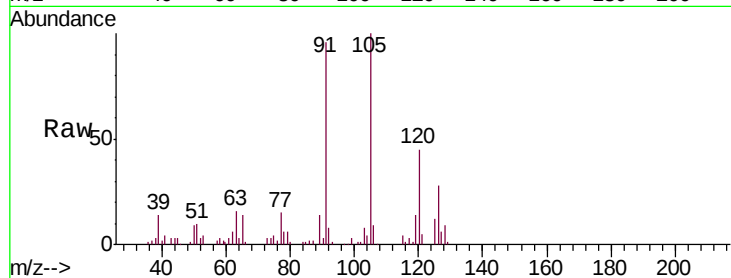
VSTDIC002

Tgt Ion:105 Resp: 59208

Ion Ratio Lower Upper

105 100

120 45.5 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

40000

30000

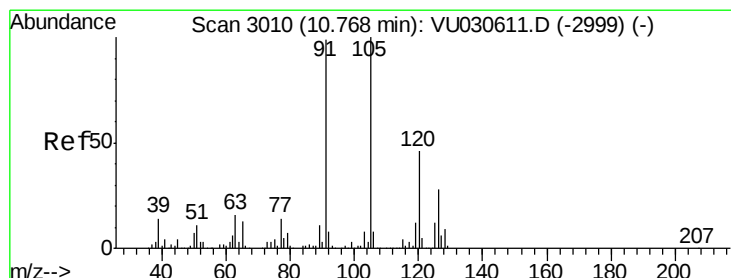
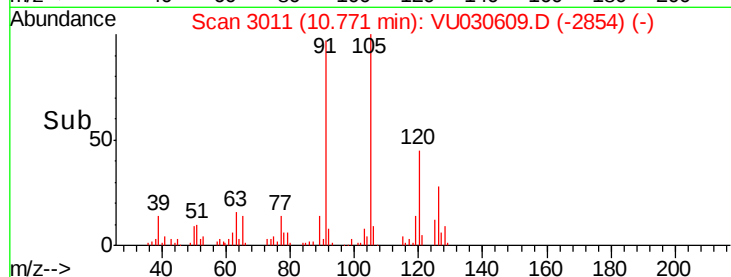
20000

10000

0

Time-->

10.70 10.75 10.80 10.85



#76

4-Chlorotoluene

Concen: 1.510 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU030609.D

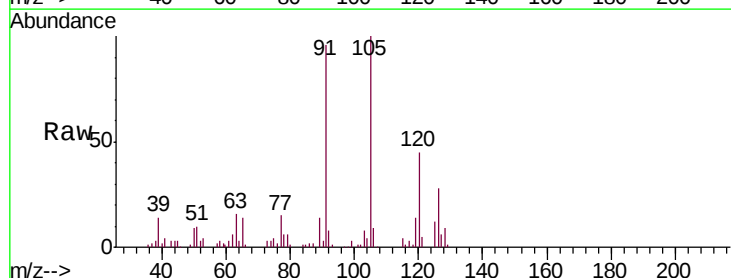
Acq: 02 Apr 2019 18:58

Tgt Ion:126 Resp: 17128

Ion Ratio Lower Upper

126 100

91 354.2 0.0 724.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.77

40000

30000

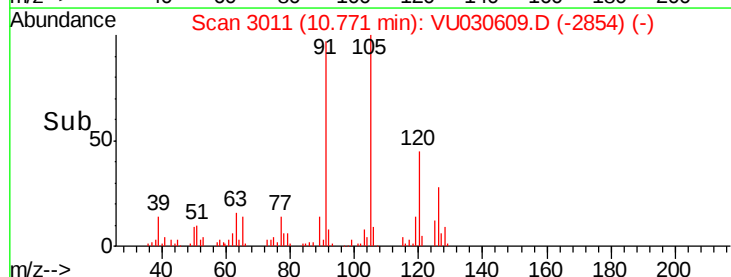
20000

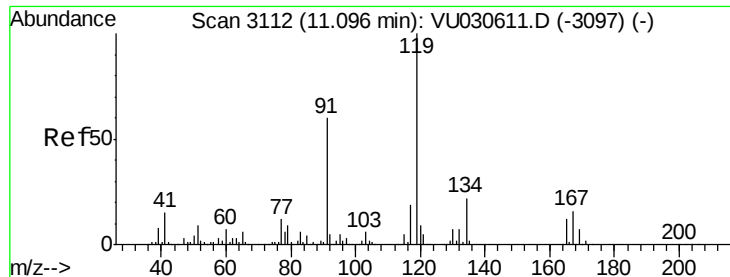
10000

0

Time-->

10.70 10.75 10.80 10.85

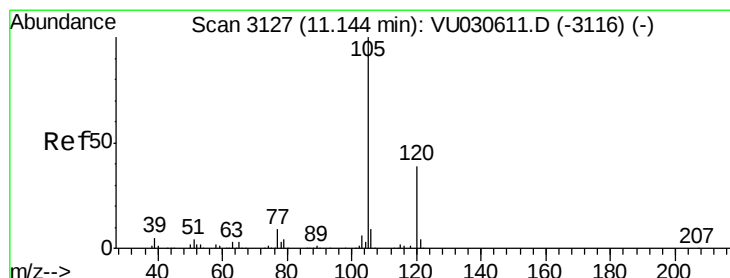
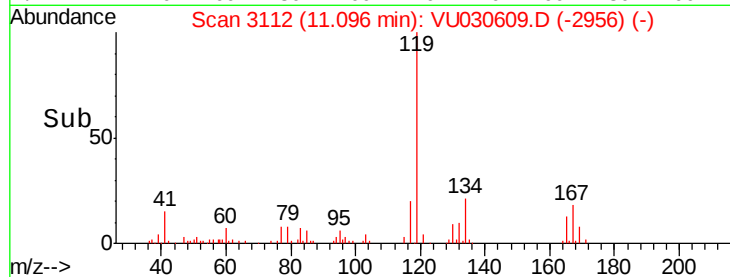
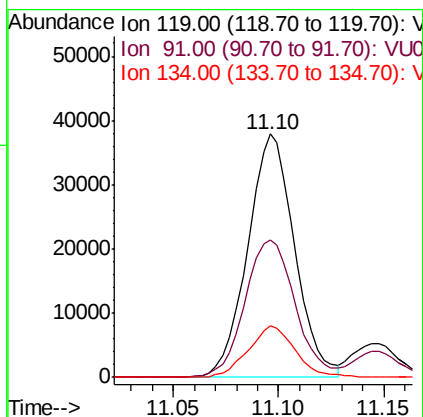
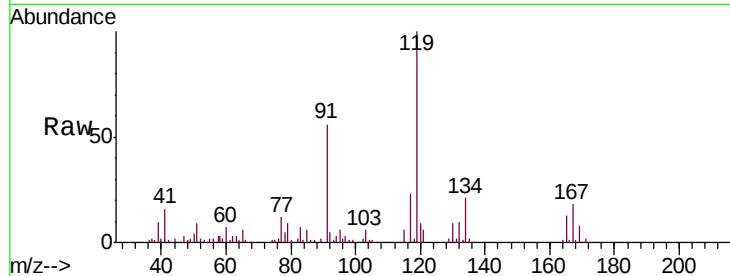




#77
 tert-Butylbenzene
 Concen: 1.561 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

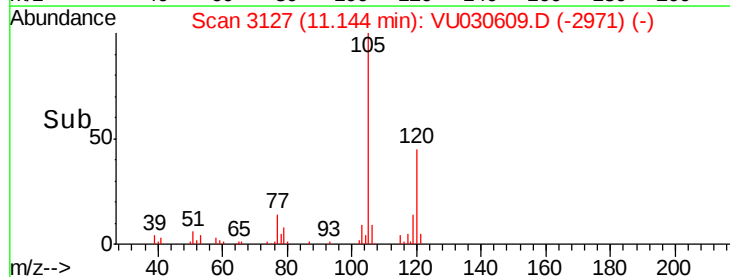
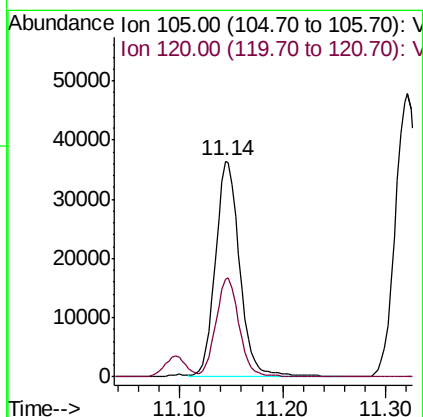
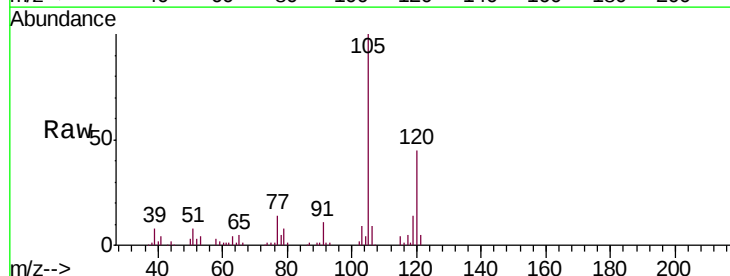
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

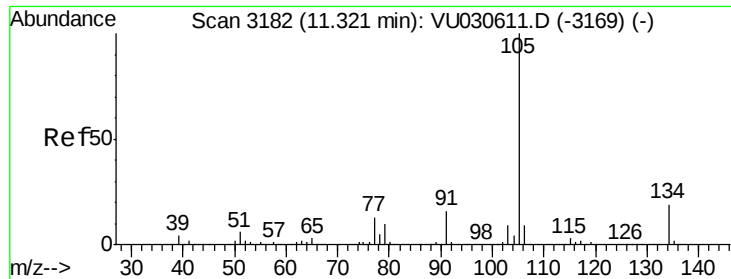
Tgt Ion:119 Resp: 58390
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.7 92.1
 134 21.2 17.5 26.3



#78
 1,2,4-Trimethylbenzene
 Concen: 1.530 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion:105 Resp: 59815
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.9 65.5

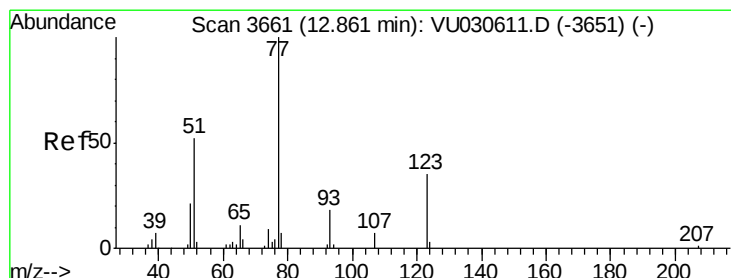
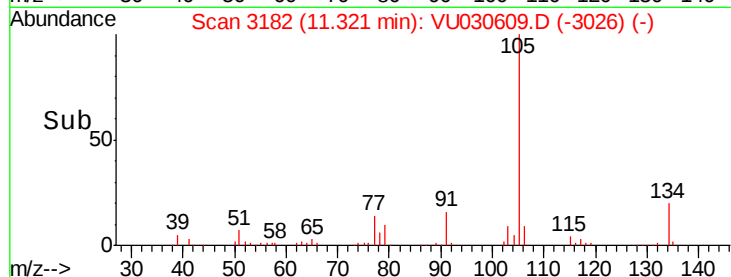
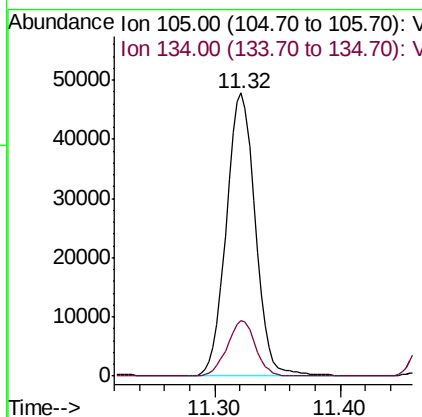
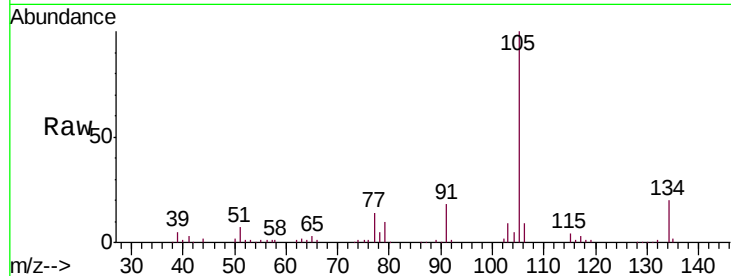




#79
 sec-Butylbenzene
 Concen: 1.530 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

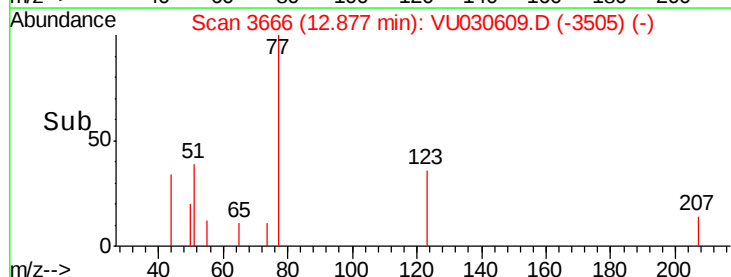
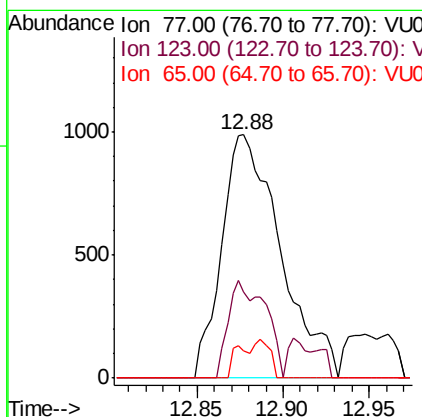
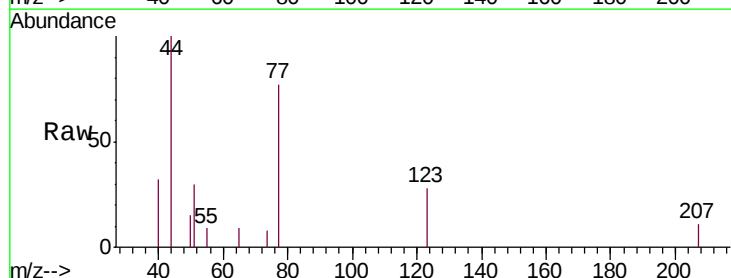
Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC002

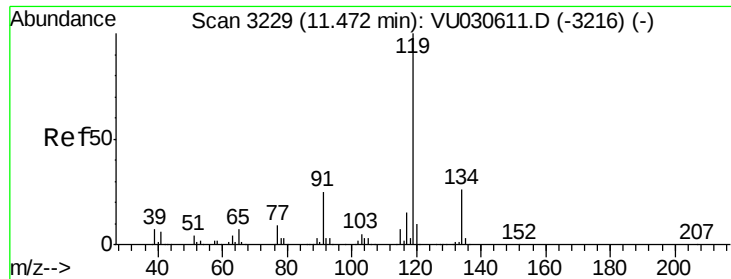
Tgt Ion: 105 Resp: 76897
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.0 22.6



#80
 Nitrobenzene
 Concen: 11.859 ug/l
 RT: 12.88 min Scan# 3666
 Delta R.T. 0.02 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion: 77 Resp: 2365
 Ion Ratio Lower Upper
 77 100
 123 25.3 16.5 58.5
 65 3.8 11.2 14.2#

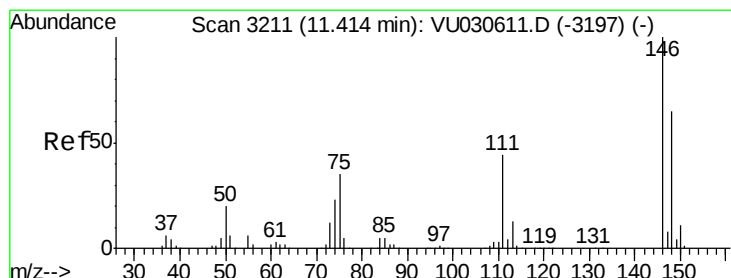
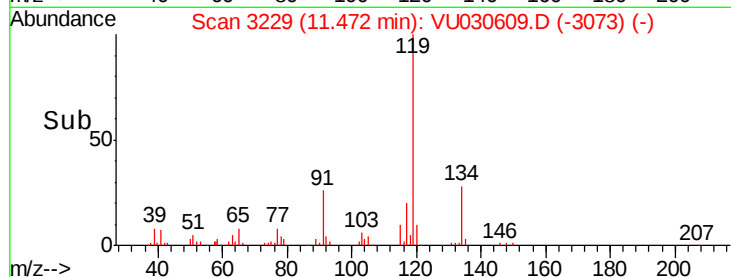
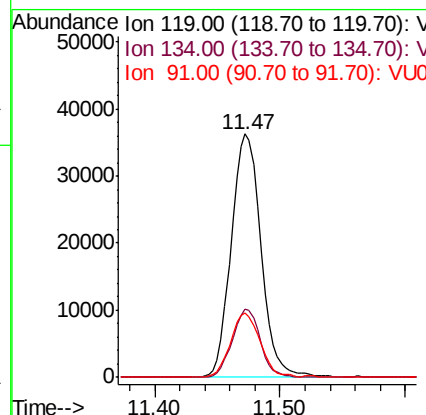
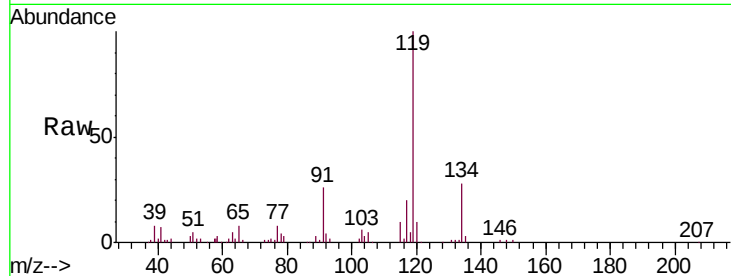




#81
 p-Isopropyltoluene
 Concen: 1.433 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

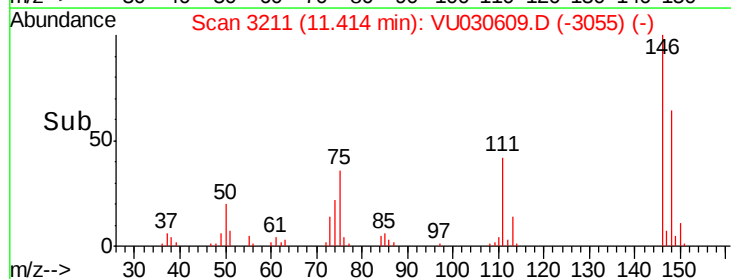
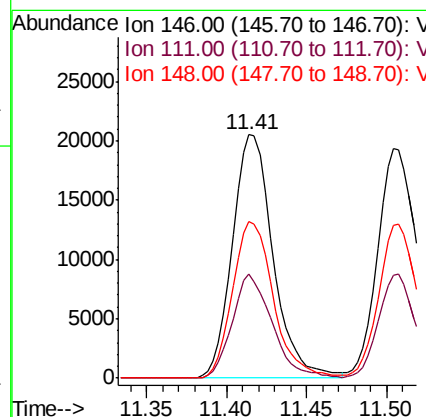
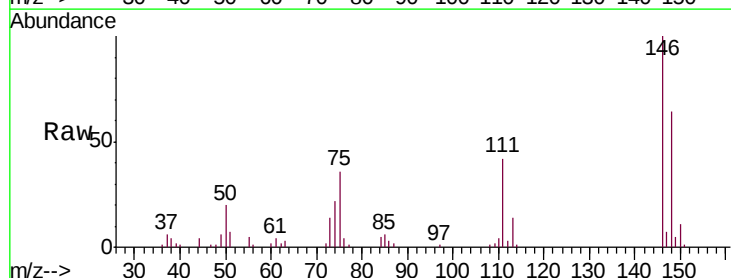
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

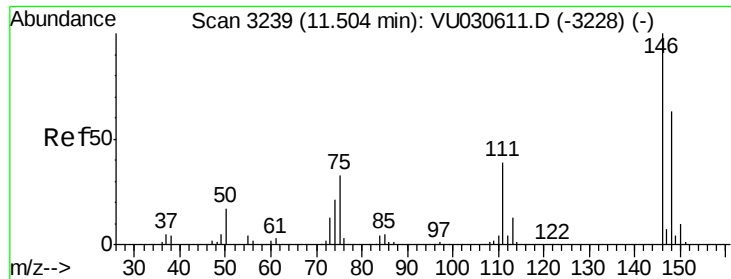
Tgt Ion:119 Resp: 59873
 Ion Ratio Lower Upper
 119 100
 134 26.2 20.3 30.5
 91 26.4 20.2 30.4



#82
 1,3-Dichlorobenzene
 Concen: 1.514 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion:146 Resp: 35541
 Ion Ratio Lower Upper
 146 100
 111 41.9 34.6 51.8
 148 64.7 51.3 76.9

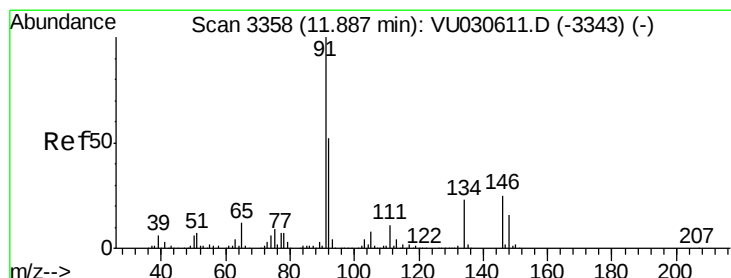
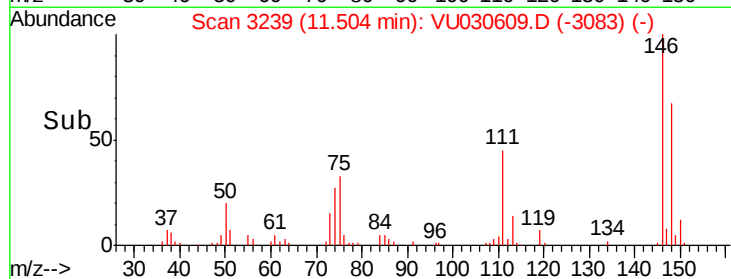
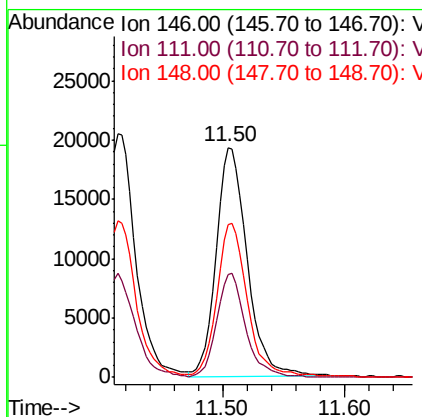
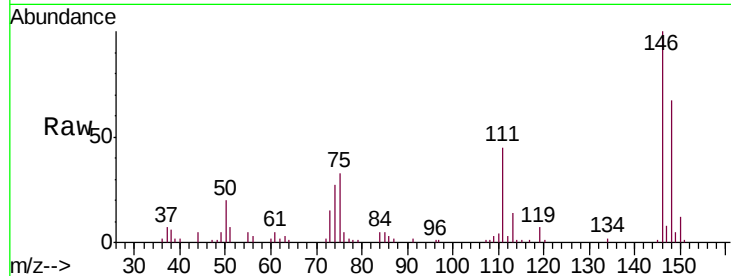




#83
 1,4-Dichlorobenzene
 Concen: 1.463 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

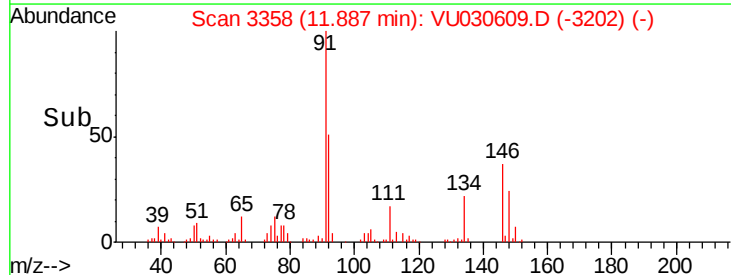
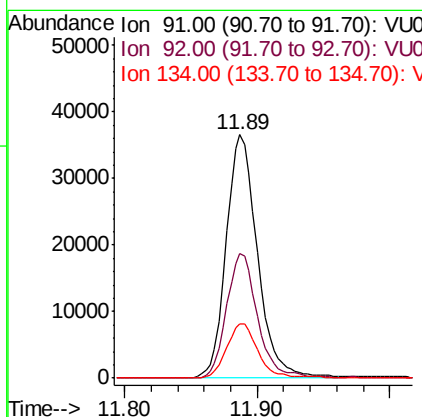
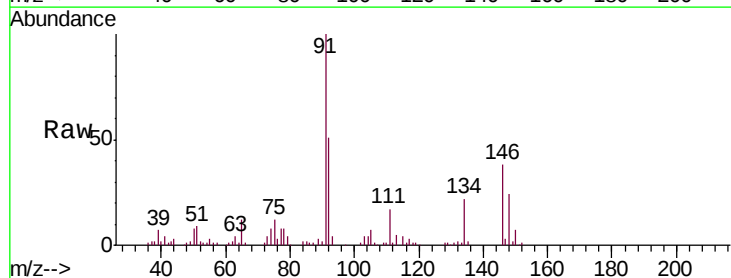
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

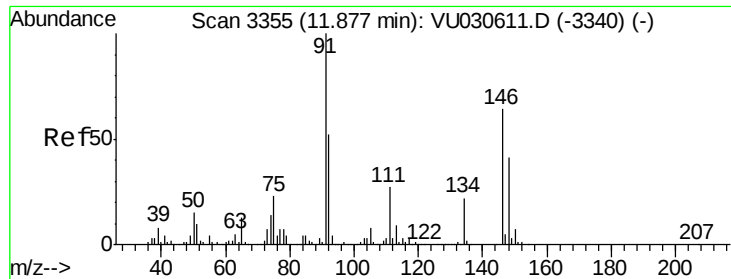
Tgt Ion: 146 Resp: 34540
 Ion Ratio Lower Upper
 146 100
 111 42.5 32.2 48.2
 148 65.0 51.0 76.6



#84
 n-Butylbenzene
 Concen: 1.511 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion: 91 Resp: 59872
 Ion Ratio Lower Upper
 91 100
 92 51.0 41.3 61.9
 134 22.6 18.2 27.4

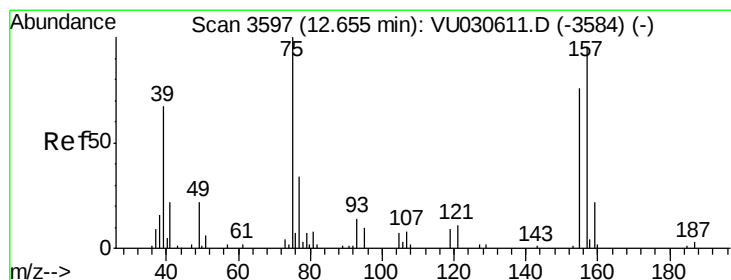
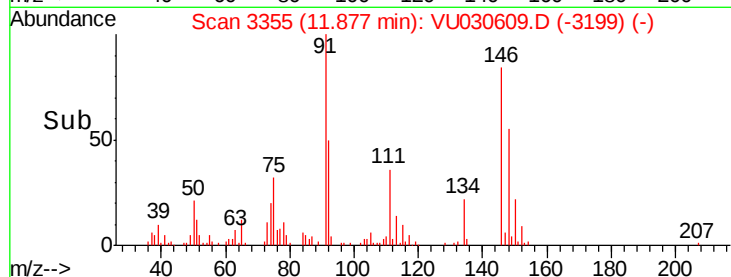
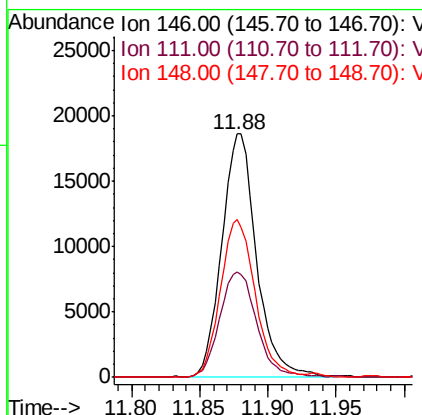
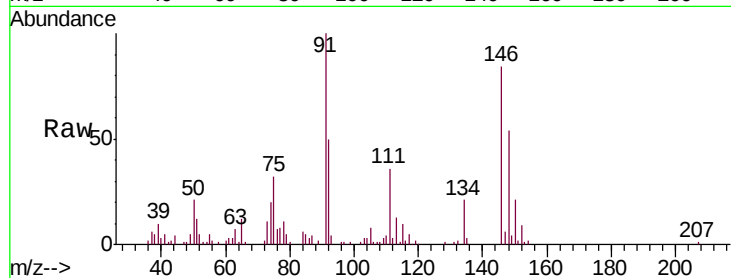




#85
 1,2-Dichlorobenzene
 Concen: 1.508 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

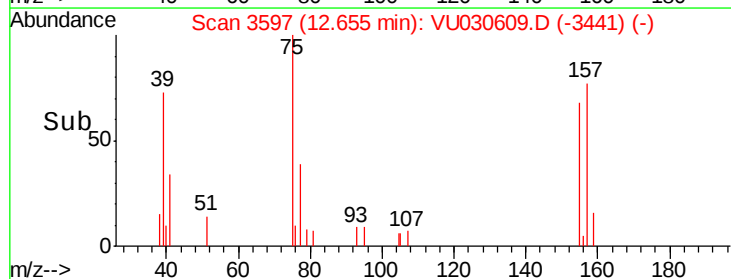
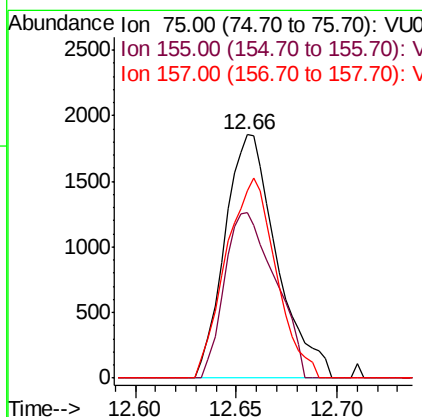
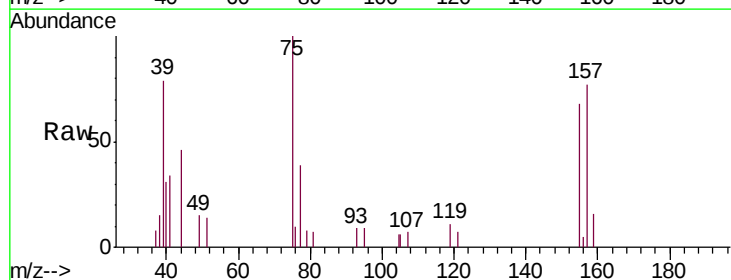
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

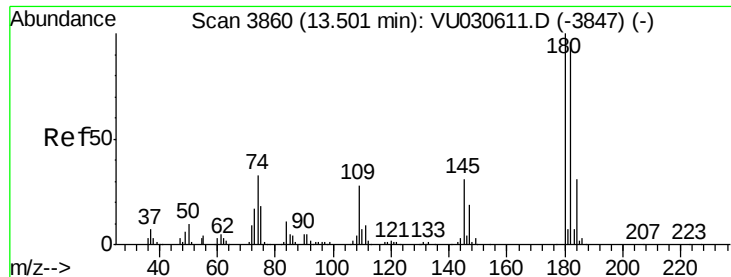
Tgt Ion: 146 Resp: 33009
 Ion Ratio Lower Upper
 146 100
 111 45.8 21.8 65.3
 148 64.7 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.401 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion: 75 Resp: 3326
 Ion Ratio Lower Upper
 75 100
 155 66.9 61.3 91.9
 157 79.6 77.4 116.0

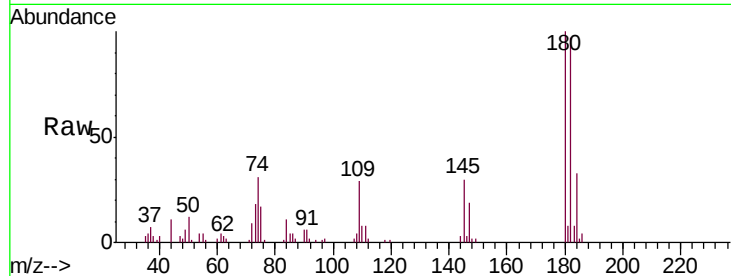




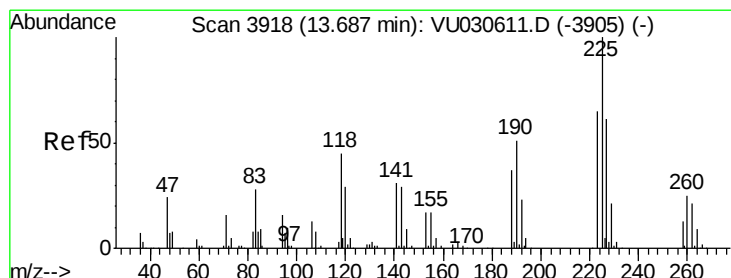
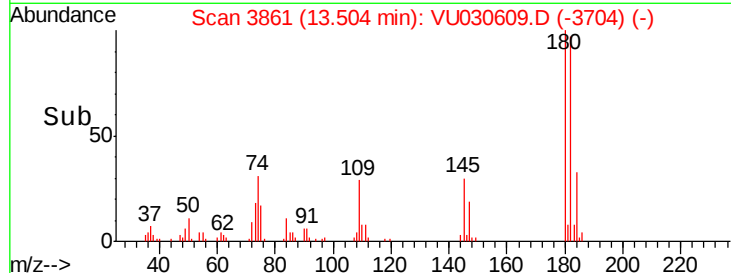
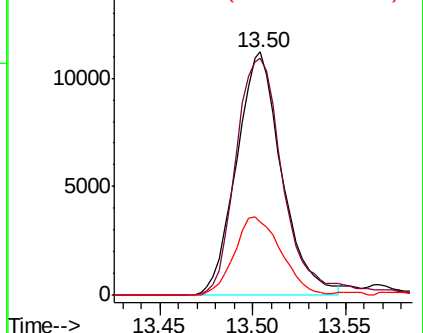
#87
 1,2,4-Trichlorobenzene
 Concen: 1.226 ug/l
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:180 Resp: 18946
 Ion Ratio Lower Upper
 180 100
 182 103.6 78.2 117.4
 145 33.5 24.4 36.6

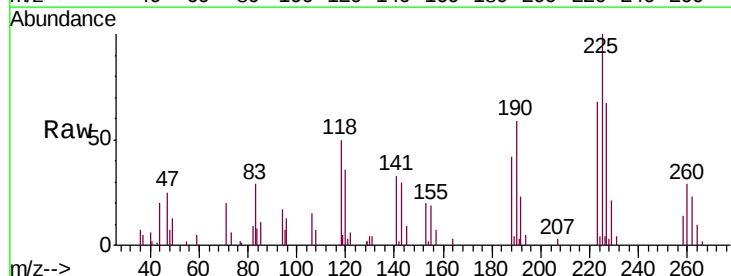


Abundance Ion 179.70 (179.40 to 180.40): V
 15000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

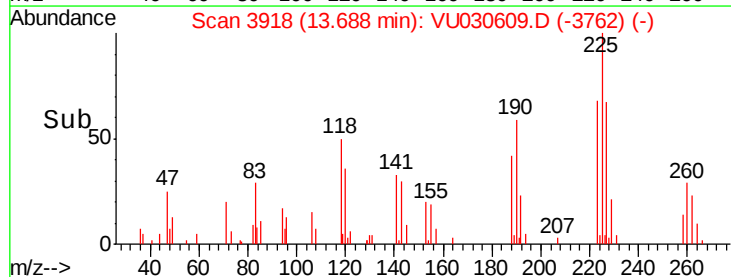
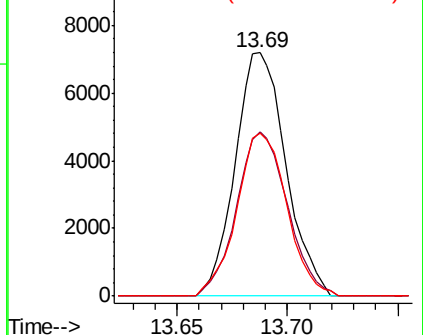


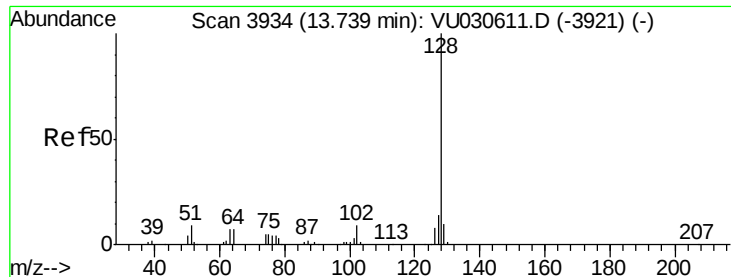
#88
 Hexachlorobutadiene
 Concen: 1.361 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VU030609.D
 Acq: 02 Apr 2019 18:58

Tgt Ion:225 Resp: 11497
 Ion Ratio Lower Upper
 225 100
 223 67.7 52.6 78.8
 227 66.3 50.5 75.7



Abundance Ion 224.60 (224.30 to 225.30): V
 10000 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.343 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

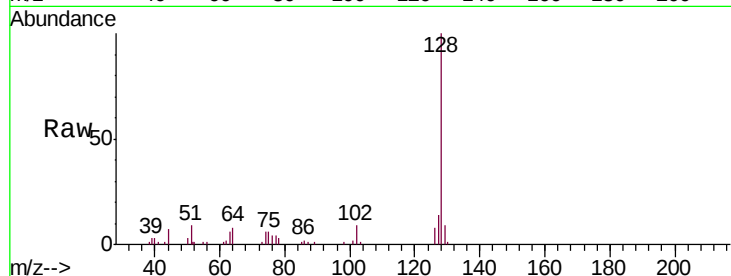
Tgt Ion:128 Resp: 32781

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

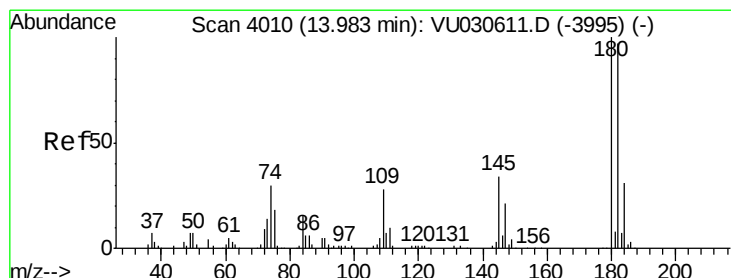
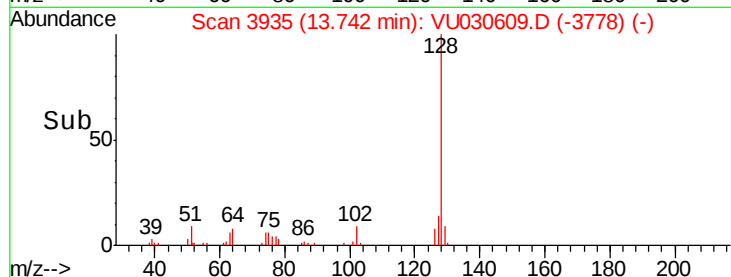
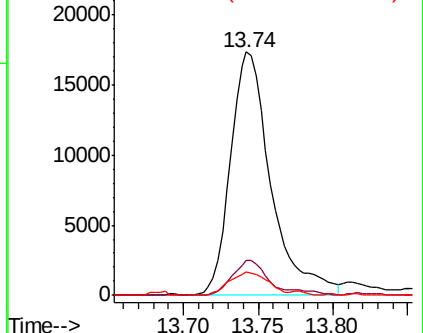
129 9.1 8.5 12.7



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: 1.334 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU030609.D

Acq: 02 Apr 2019 18:58

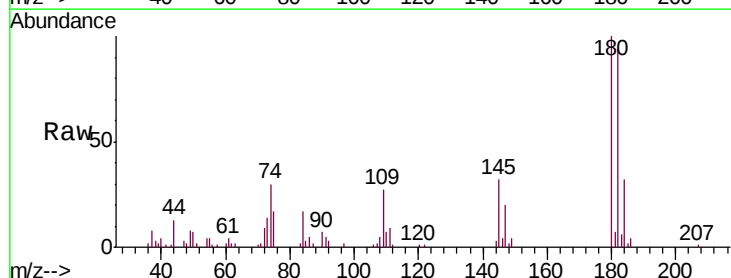
Tgt Ion:180 Resp: 18876

Ion Ratio Lower Upper

180 100

182 96.8 77.4 116.0

145 32.3 26.2 39.2



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

