

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061318\
 Data File : VU024503.D
 Acq On : 13 Jun 2018 13:05
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 13 13:24:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:15:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	195580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	311868	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	299176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	187056	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	314073	81.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	162.22%	
35) Dibromofluoromethane	4.89	113	254696	79.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.04%	
50) Toluene-d8	7.57	98	932408	77.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.78%	
62) 4-Bromofluorobenzene	10.31	95	374746	85.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	171.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	230228	77.66	ug/l	100
3) Chloromethane	1.33	50	221992	64.26	ug/l	99
4) Vinyl Chloride	1.40	62	242722	63.12	ug/l	98
5) Bromomethane	1.61	94	131557	62.25	ug/l	98
6) Chloroethane	1.69	64	141311	54.32	ug/l	99
7) Trichlorofluoromethane	1.88	101	361651	69.25	ug/l	99
8) Diethyl Ether	2.10	74	130767	62.64	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.28	101	222248	76.46	ug/l	98
10) Methyl Iodide	2.41	142	217703	118.12	ug/l	99
11) Tert butyl alcohol	2.83	59	347956	473.00	ug/l	99
12) 1,1-Dichloroethene	2.28	96	211583	77.70	ug/l	94
13) Acrolein	2.19	56	194279	253.71	ug/l	99
14) Allyl chloride	2.59	41	385677	83.48	ug/l	97
15) Acrylonitrile	2.94	53	736096	374.64	ug/l	99
16) Acetone	2.32	43	793100	320.80	ug/l	99
17) Carbon Disulfide	2.48	76	675699	80.65	ug/l	99
18) Methyl Acetate	2.62	43	350833	71.41	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	796449	93.07	ug/l	96
20) Methylene Chloride	2.70	84	242153	71.28	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	230492	78.89	ug/l	97
22) Diisopropyl ether	3.57	45	779368	83.72	ug/l	98
23) Vinyl Acetate	3.53	43	3547887	518.57	ug/l	99
24) 1,1-Dichloroethane	3.45	63	448293	76.92	ug/l	99
25) 2-Butanone	4.26	43	1126583	381.08	ug/l	97
26) 2,2-Dichloropropane	4.23	77	418809	94.25	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	267096	84.13	ug/l	100
28) Bromochloromethane	4.55	49	203492	95.34	ug/l	89
29) Tetrahydrofuran	4.63	42	672106	398.40	ug/l	97
30) Chloroform	4.68	83	452996	76.71	ug/l	99
31) Cyclohexane	5.00	56	412430	71.36	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	416490	87.69	ug/l	96
36) 1,1-Dichloropropene	5.14	75	344413	77.38	ug/l	98
37) Ethyl Acetate	4.38	43	400888	80.34	ug/l	97
38) Carbon Tetrachloride	5.14	117	383033	90.38	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	420908	87.53	ug/l	95
40) Benzene	5.39	78	984314	73.38	ug/l	99
41) Methacrylonitrile	4.54	41	217154	77.65	ug/l	98
42) 1,2-Dichloroethane	5.41	62	373948	72.79	ug/l	100
43) Isopropyl Acetate	5.55	43	653324	85.97	ug/l	98
44) Trichloroethene	6.19	130	277256	79.32	ug/l	98
45) 1,2-Dichloropropane	6.44	63	263974	73.22	ug/l	99
46) Dibromomethane	6.56	93	187960	78.75	ug/l	98
47) Bromodichloromethane	6.76	83	373188	80.81	ug/l	99
48) Methyl methacrylate	6.63	41	318712	85.54	ug/l	98
49) 1,4-Dioxane	6.62	88	119671	1522.51	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	2051613	374.17	ug/l	99
52) Toluene	7.64	92	633526	79.58	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	432910	90.15	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	446031	85.12	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	252909	74.05	ug/l	99
56) Ethyl methacrylate	8.02	69	435195	97.77	ug/l	99
57) 1,3-Dichloropropane	8.25	76	433449	73.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	865437	378.03	ug/l	96
59) 2-Hexanone	8.36	43	1683447	383.76	ug/l	99
60) Dibromochloromethane	8.48	129	316738	91.40	ug/l	100
61) 1,2-Dibromoethane	8.59	107	284733	79.71	ug/l	99
64) Tetrachloroethene	8.23	164	265873	89.40	ug/l	99
65) Chlorobenzene	9.12	112	717250	82.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	268812	89.95	ug/l	97
67) Ethyl Benzene	9.25	91	1237463	88.15	ug/l	97
68) m/p-Xylenes	9.38	106	964415	180.35	ug/l	97
69) o-Xylene	9.78	106	477305	96.84	ug/l	94
70) Styrene	9.80	104	796335	94.89	ug/l	98
71) Bromoform	9.96	173	263429	102.13	ug/l	# 100
73) Isopropylbenzene	10.17	105	1268995	98.40	ug/l	98
74) N-amyl acetate	10.01	43	626772	107.38	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	428904	76.68	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	547927	139.66	ug/l	82
77) Bromobenzene	10.45	156	325578	91.18	ug/l	97
78) n-propylbenzene	10.59	91	1511726	94.55	ug/l	97
79) 2-Chlorotoluene	10.66	91	882619	90.95	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	1097973	100.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	547927	296.27	ug/l	# 100
82) 4-Chlorotoluene	10.78	91	1042536	92.60	ug/l	99
83) tert-Butylbenzene	11.10	119	1063086	99.86	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	1139797	103.14	ug/l	99
85) sec-Butylbenzene	11.33	105	1350654	101.05	ug/l	98
86) p-Isopropyltoluene	11.48	119	1209844	102.42	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	621206	90.51	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	624804	86.97	ug/l	99
89) n-Butylbenzene	11.89	91	1120305	96.39	ug/l	97
90) Hexachloroethane	12.15	117	234761	110.86	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	609339	88.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	125520	109.94	ug/l	95

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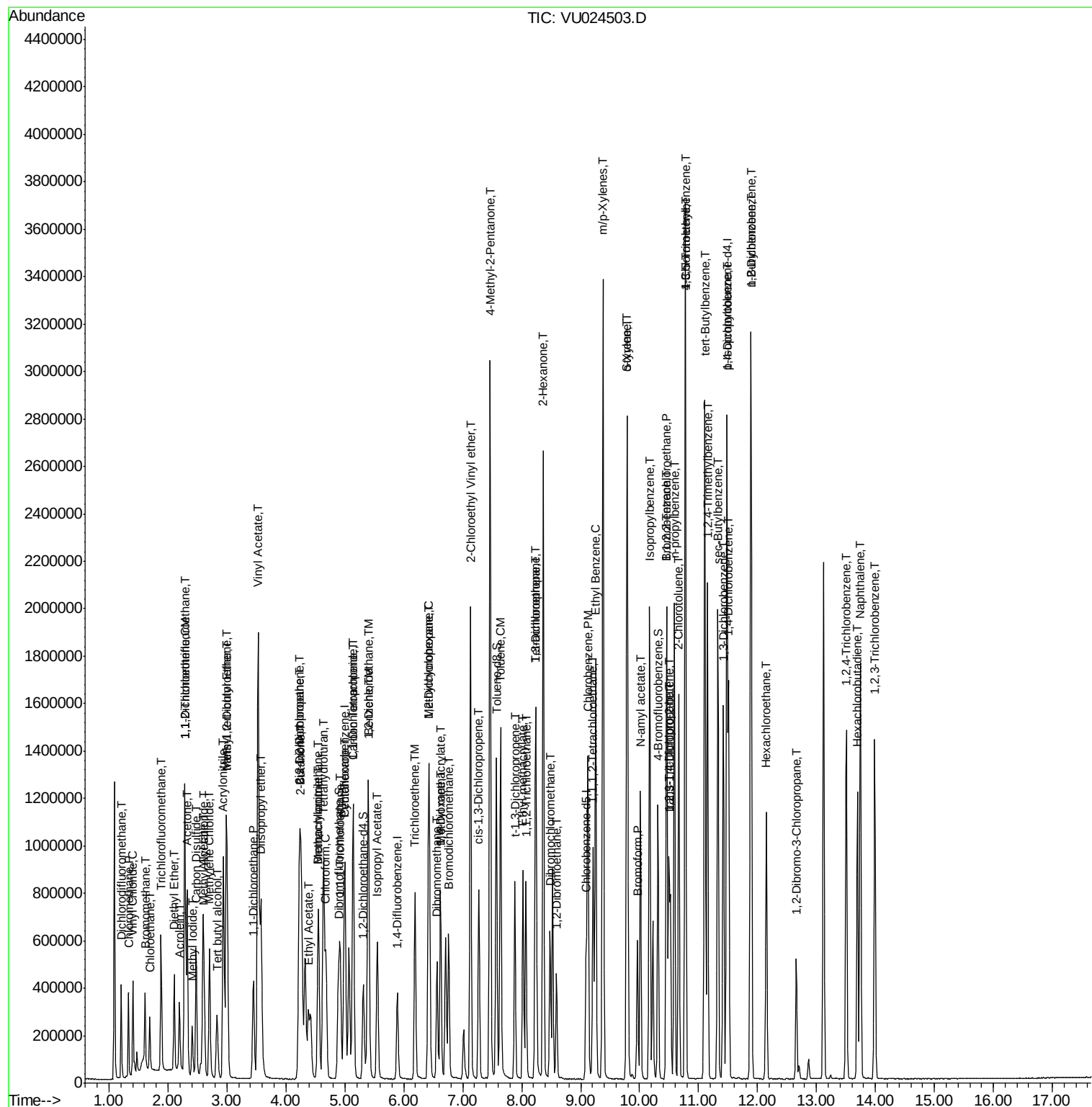
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	441586	108.93	ug/l	99
94) Hexachlorobutadiene	13.70	225	219655	91.22	ug/l	98
95) Naphthalene	13.74	128	1363320	122.99	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	440487	107.53	ug/l	99

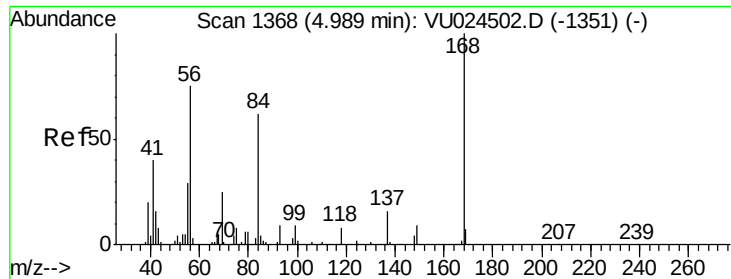
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

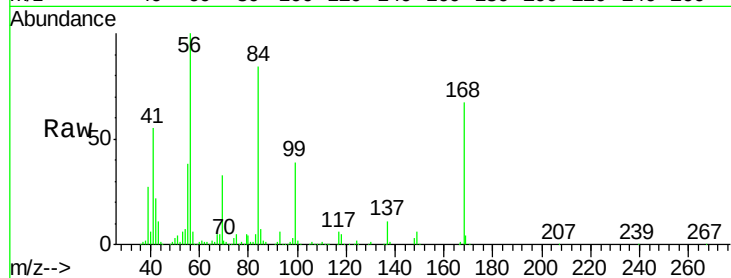
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 195580

Ion Ratio Lower Upper

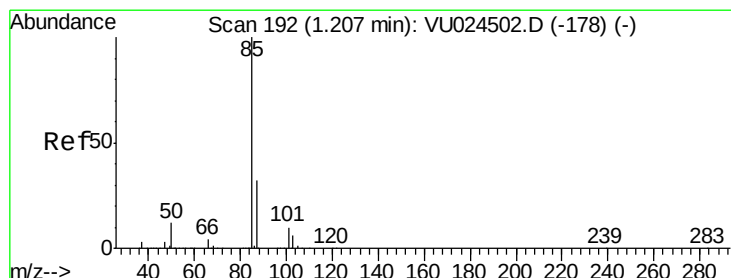
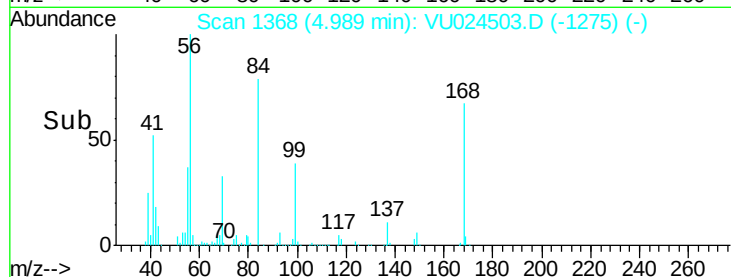
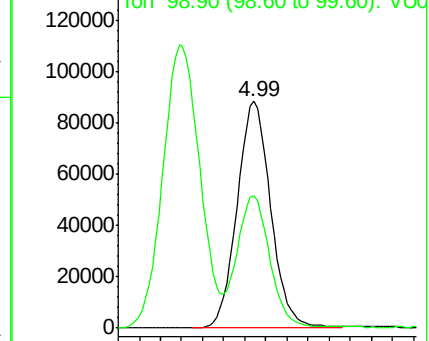
168 100

99 57.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 77.66 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024503.D

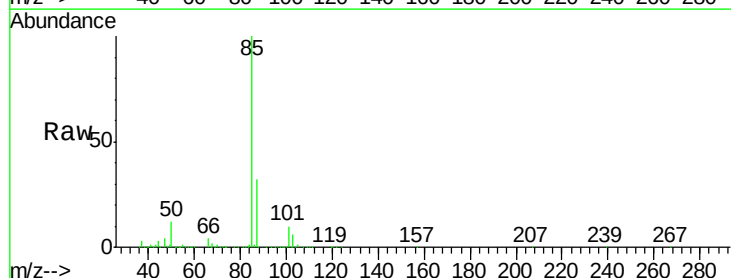
Acq: 13 Jun 2018 13:05

Tgt Ion: 85 Resp: 230228

Ion Ratio Lower Upper

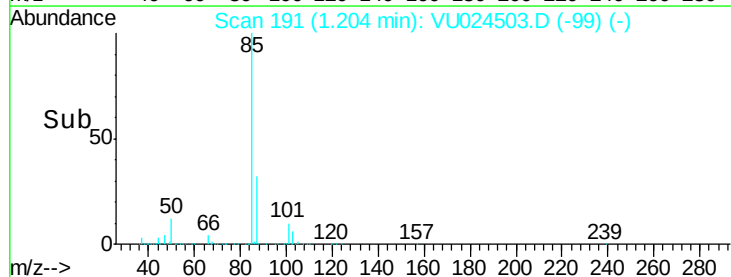
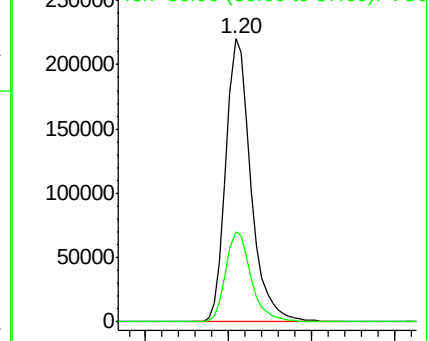
85 100

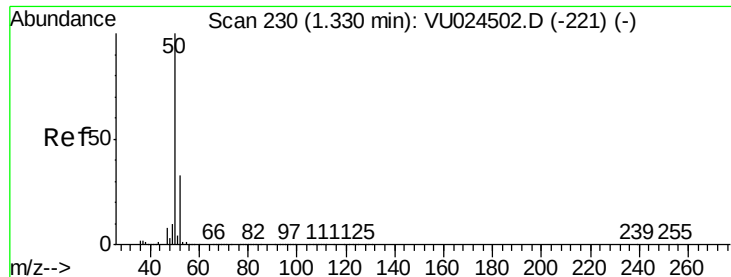
87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 64.26 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

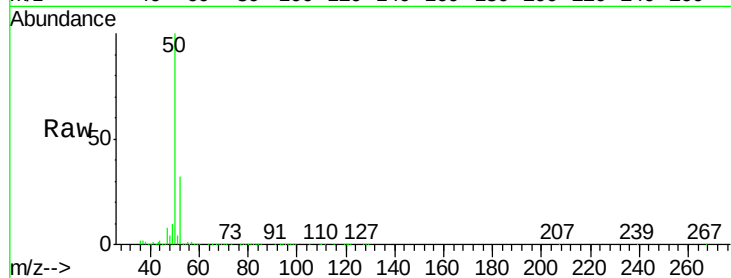
VSTDIC100

Tgt Ion: 50 Resp: 221992

Ion Ratio Lower Upper

50 100

52 32.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024503.D (-137) (-)

1.33

250000

200000

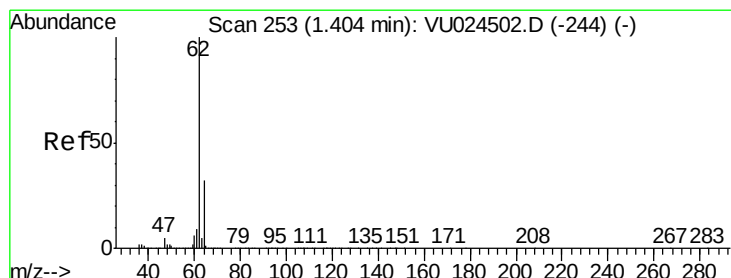
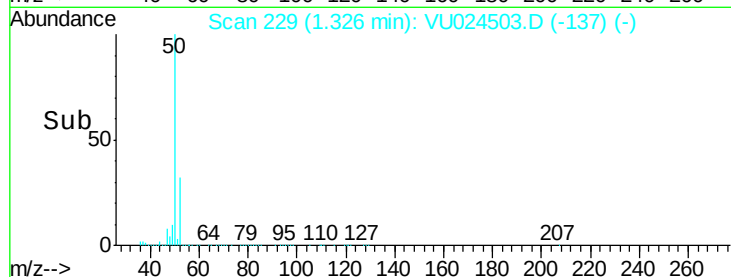
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 63.12 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024503.D

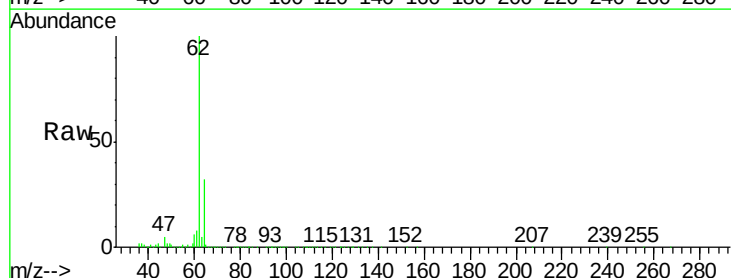
Acq: 13 Jun 2018 13:05

Tgt Ion: 62 Resp: 242722

Ion Ratio Lower Upper

62 100

64 32.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024503.D (-160) (-)

1.40

250000

200000

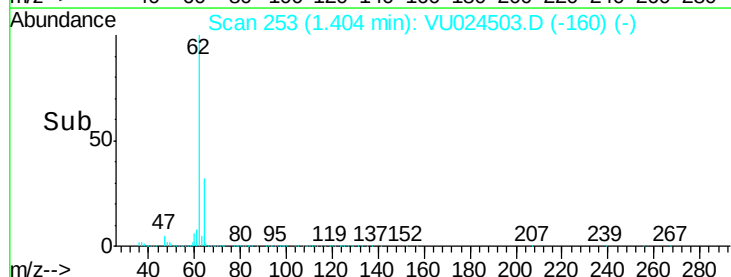
150000

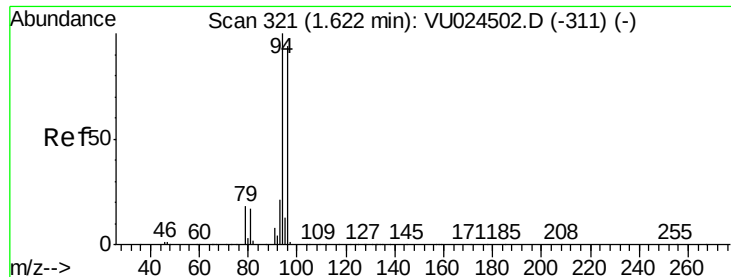
100000

50000

0

Time-->





#5

Bromomethane

Concen: 62.25 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

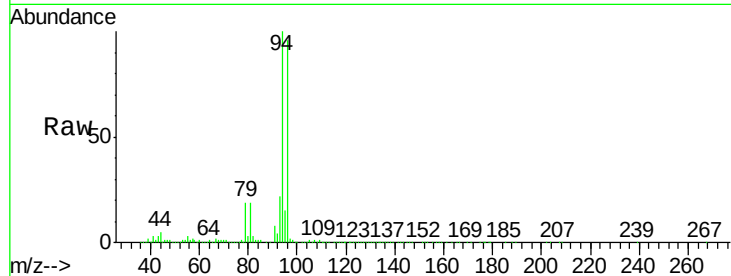
VSTDIC100

Tgt Ion: 94 Resp: 131557

Ion Ratio Lower Upper

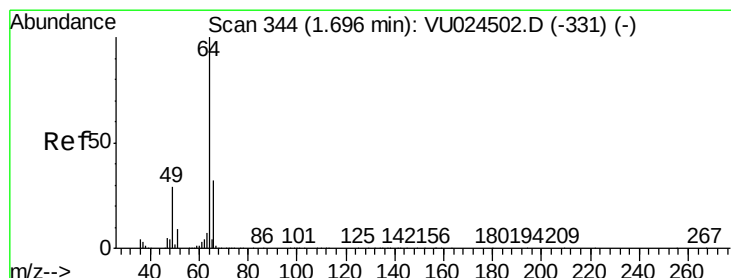
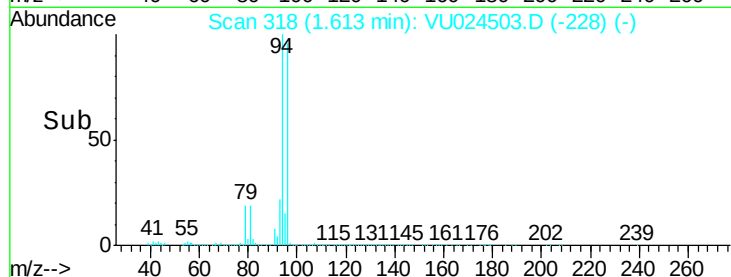
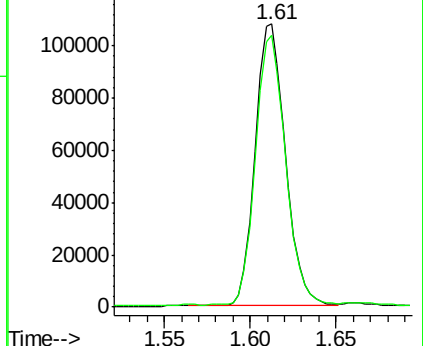
94 100

96 95.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 54.32 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU024503.D

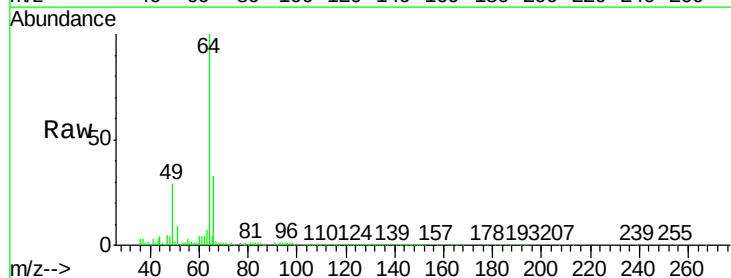
Acq: 13 Jun 2018 13:05

Tgt Ion: 64 Resp: 141311

Ion Ratio Lower Upper

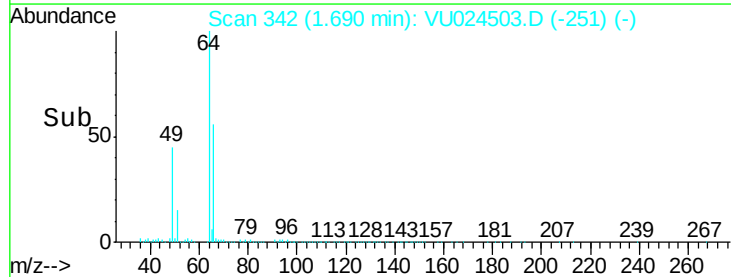
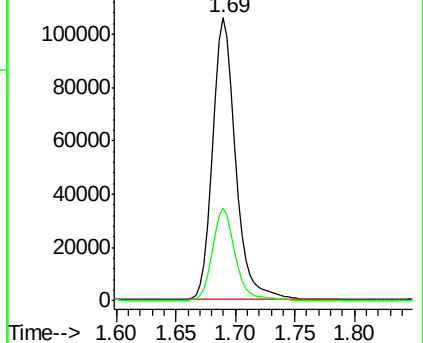
64 100

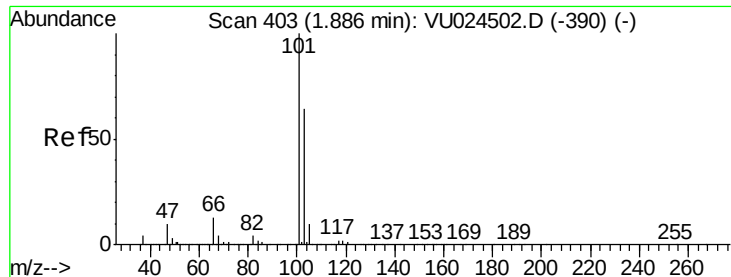
66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 69.25 ug/l

RT: 1.88 min Scan# 402

Delta R.T. -0.00 min

Lab File: VU024503.D

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Instrument :

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ClientSampleId :

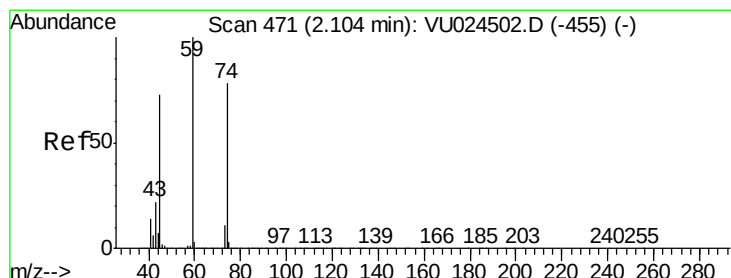
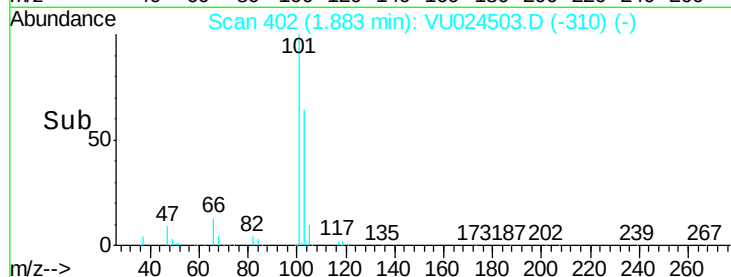
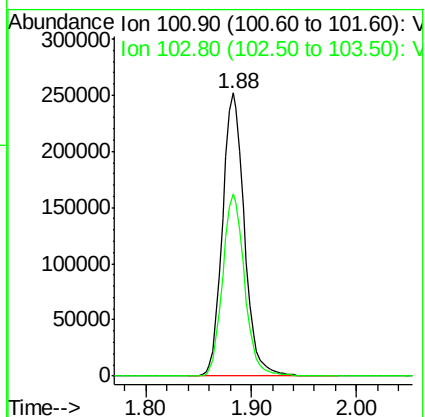
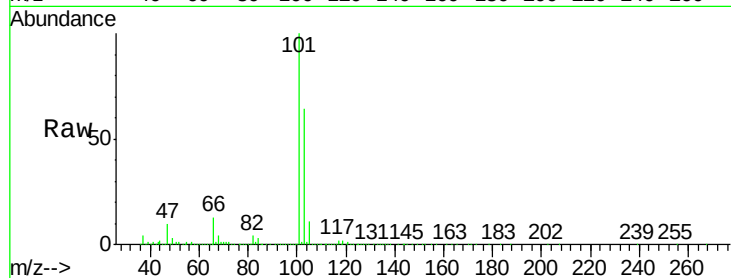
VSTDIC100

Tgt Ion:101 Resp: 361651

Ion Ratio Lower Upper

101 100

103 64.4 52.3 78.5



#8

Diethyl Ether

Concen: 62.64 ug/l

RT: 2.10 min Scan# 471

Delta R.T. -0.00 min

Lab File: VU024503.D

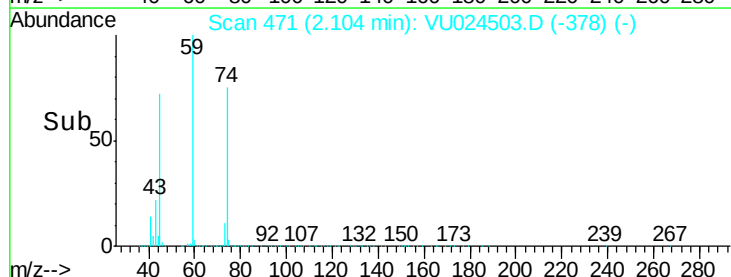
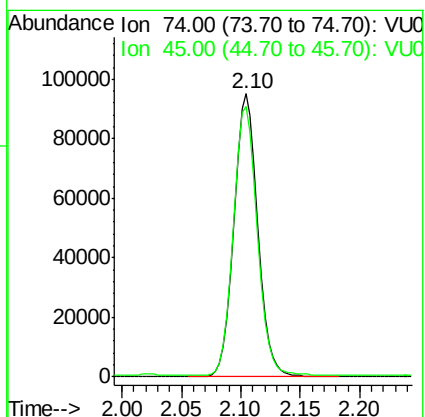
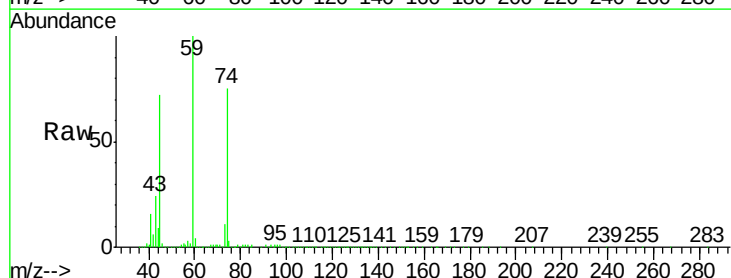
Acq: 13 Jun 2018 13:05

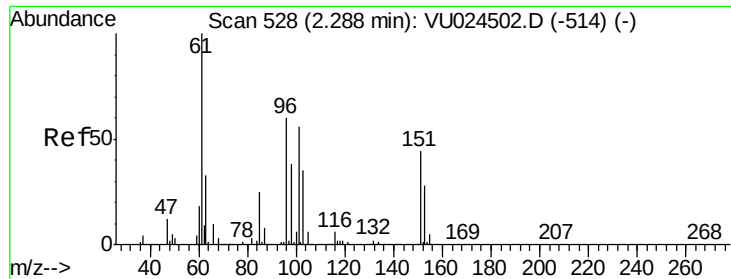
Tgt Ion: 74 Resp: 130767

Ion Ratio Lower Upper

74 100

45 96.2 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 76.46 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

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VSTDIC100

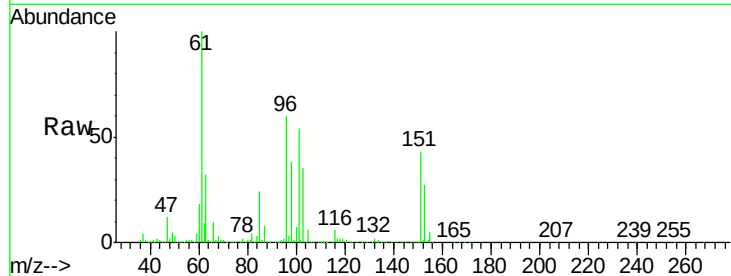
Tgt Ion:101 Resp: 222248

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

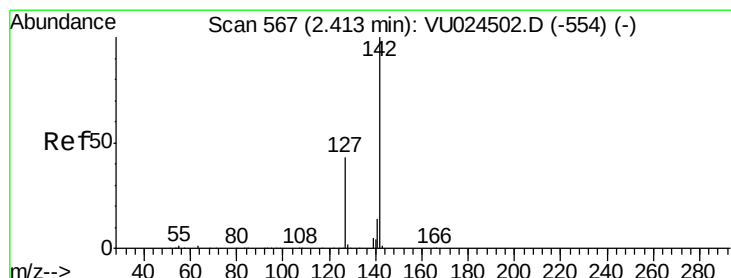
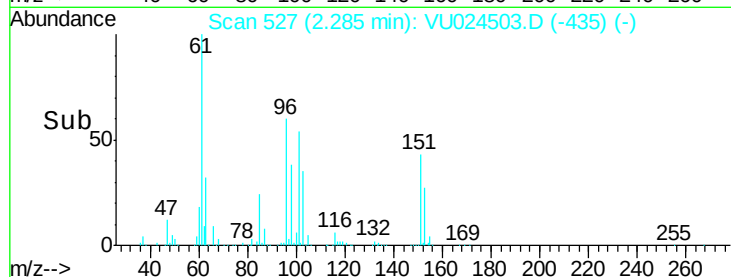
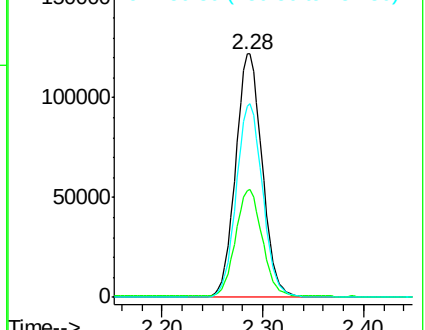
151 79.3 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 118.12 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

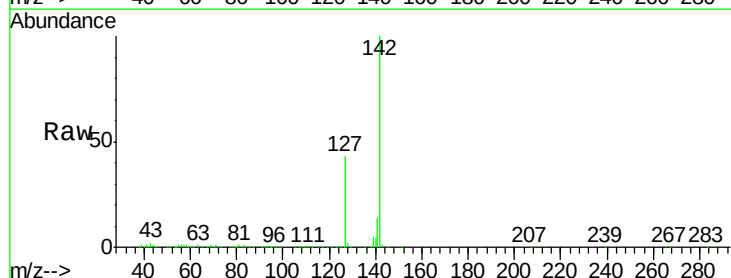
Tgt Ion:142 Resp: 217703

Ion Ratio Lower Upper

142 100

127 43.8 35.6 53.4

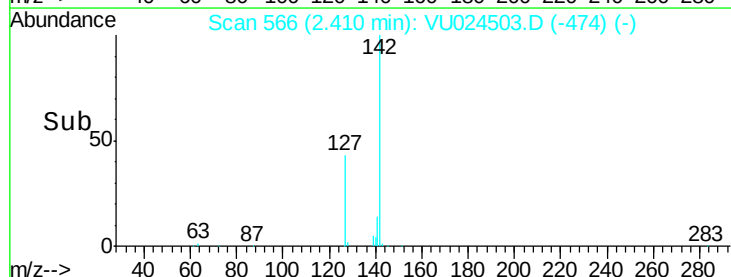
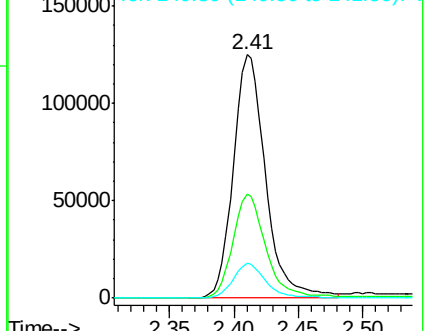
141 14.5 11.7 17.5

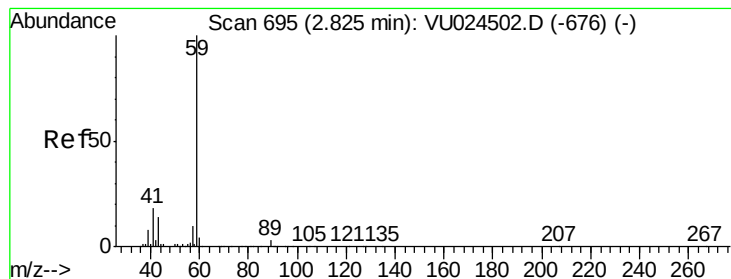


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



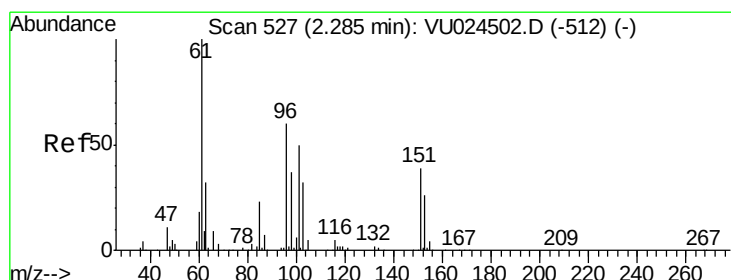
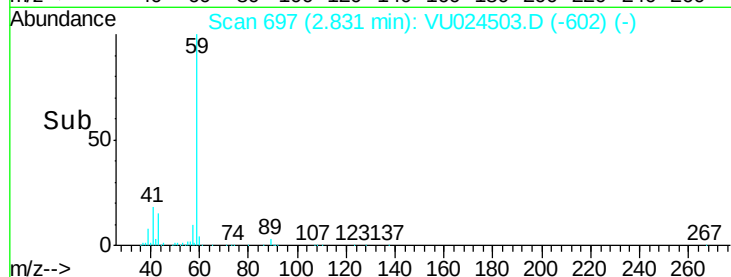
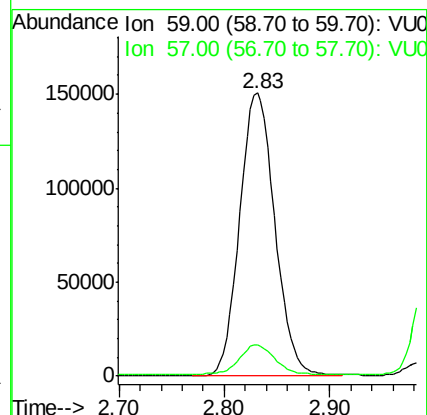
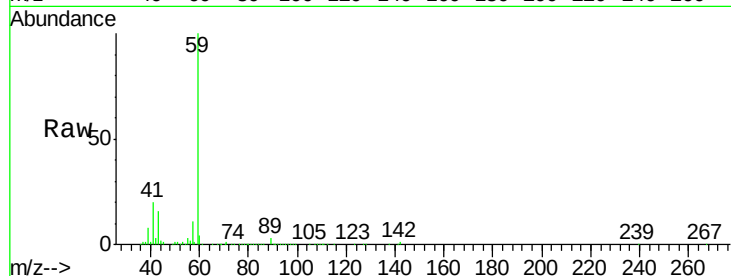


#11

Tert butyl alcohol
Concen: 473.00 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

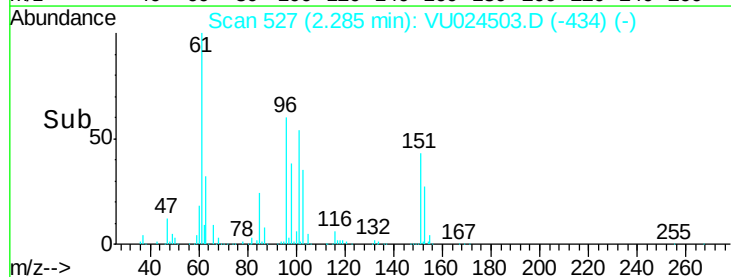
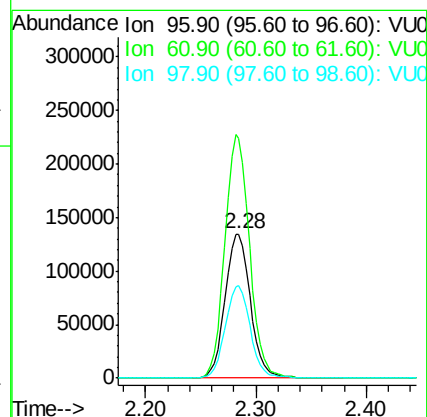
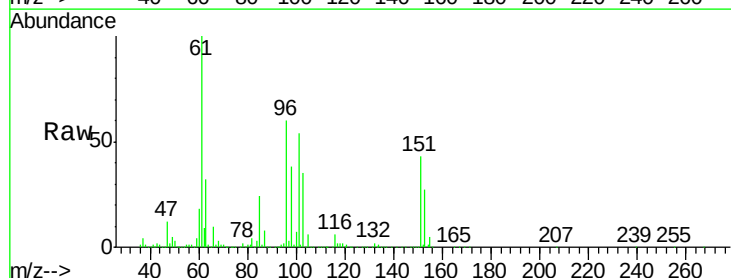
Tgt Ion: 59 Resp: 347956
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

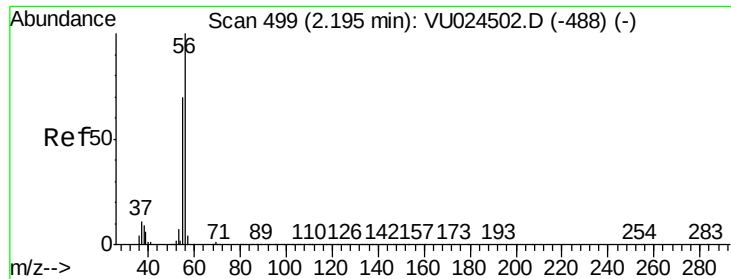


#12

1,1-Dichloroethene
Concen: 77.70 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion: 96 Resp: 211583
Ion Ratio Lower Upper
96 100
61 166.9 141.7 212.5
98 63.9 51.6 77.4

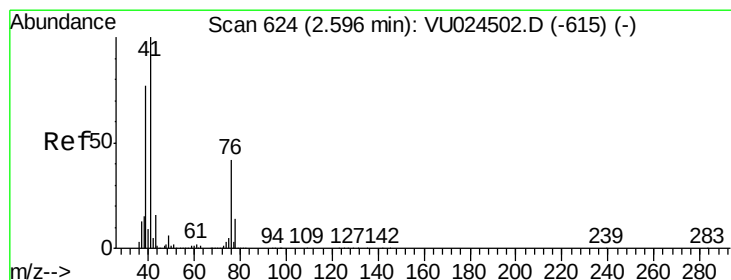
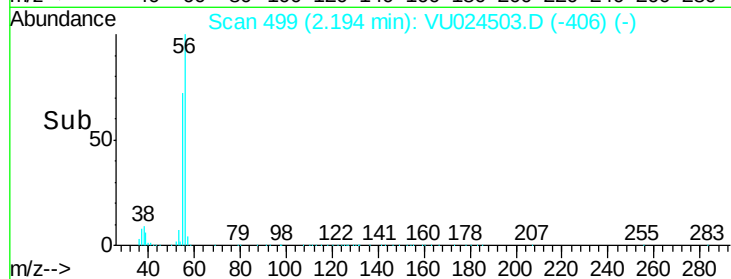
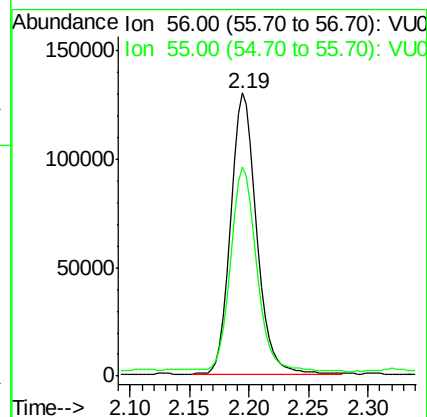
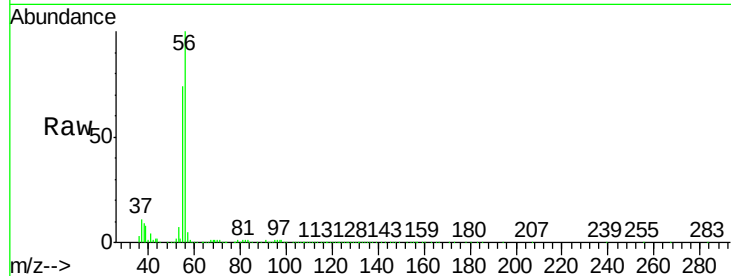




#13
Acrolein
Concen: 253.71 ug/l
RT: 2.19 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

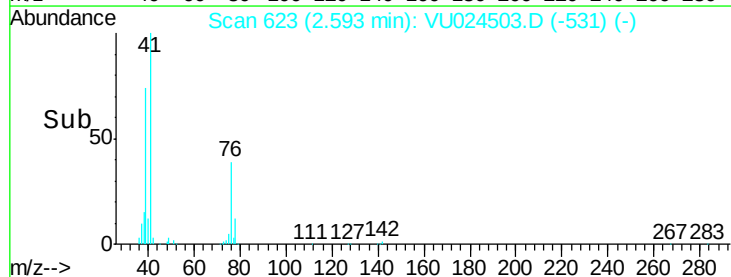
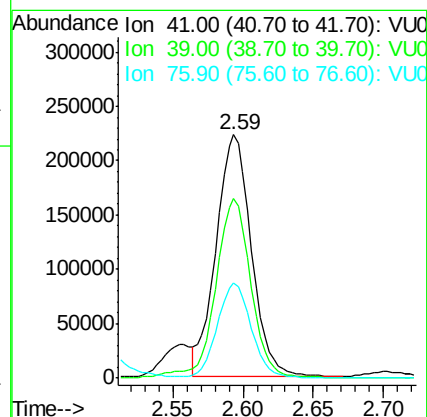
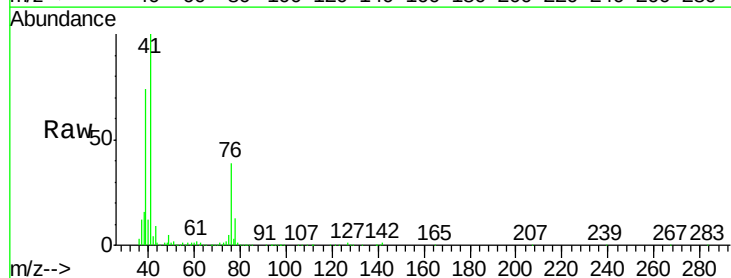
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

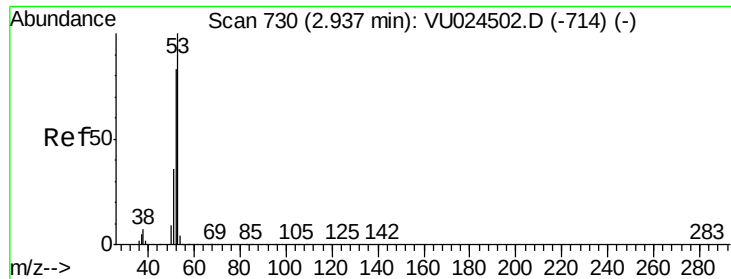
Tgt Ion: 56 Resp: 194279
Ion Ratio Lower Upper
56 100
55 72.3 58.4 87.6



#14
Allyl chloride
Concen: 83.48 ug/l
RT: 2.59 min Scan# 623
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion: 41 Resp: 385677
Ion Ratio Lower Upper
41 100
39 73.6 61.6 92.4
76 37.7 29.7 44.5





#15

Acrylonitrile

Concen: 374.64 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

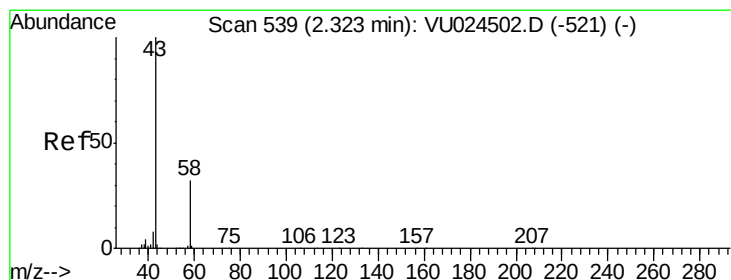
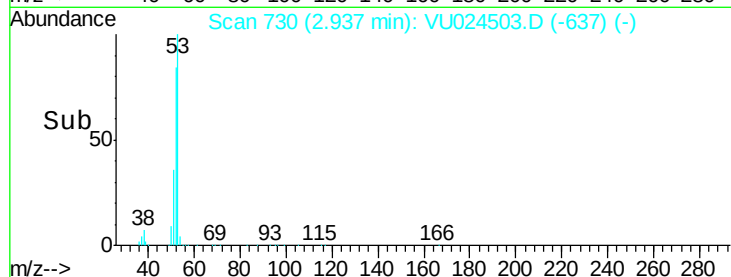
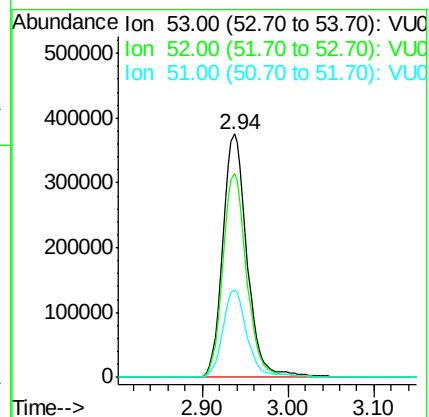
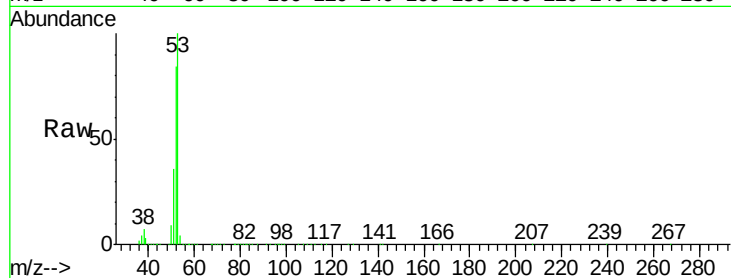
Tgt Ion: 53 Resp: 736096

Ion Ratio Lower Upper

53 100

52 83.0 67.1 100.7

51 36.3 28.4 42.6



#16

Acetone

Concen: 320.80 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024503.D

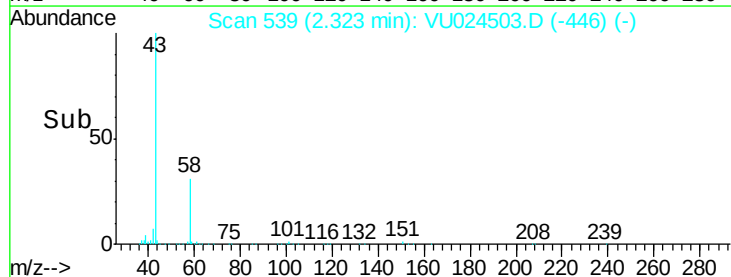
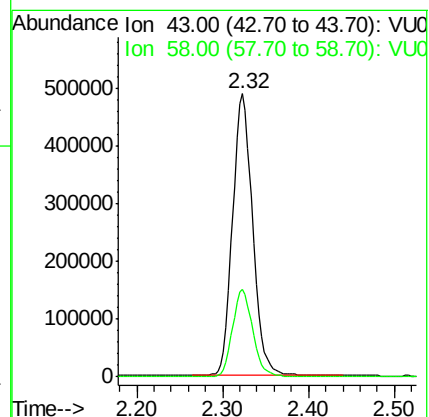
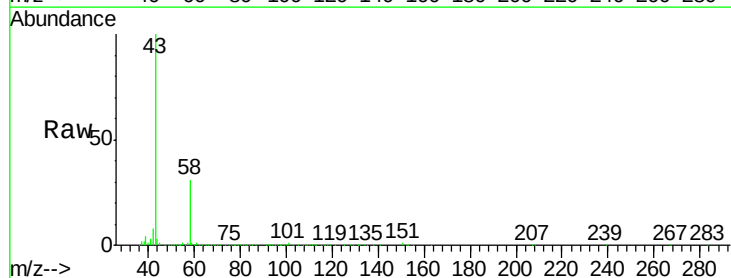
Acq: 13 Jun 2018 13:05

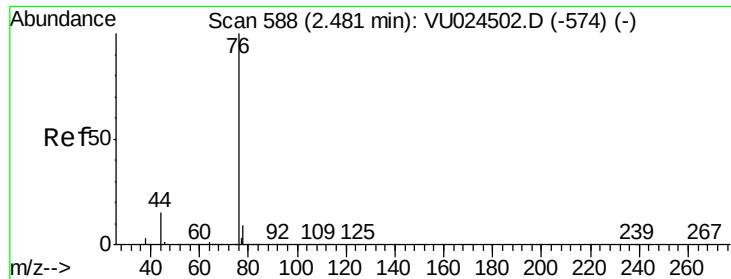
Tgt Ion: 43 Resp: 793100

Ion Ratio Lower Upper

43 100

58 30.8 24.4 36.6

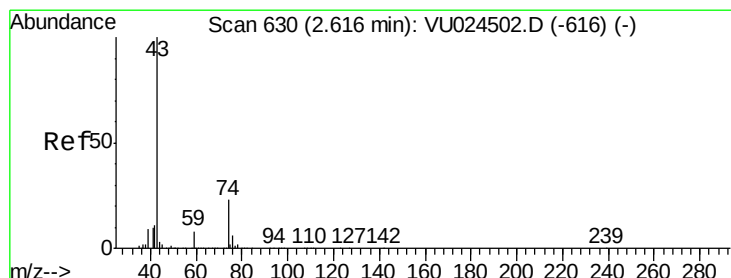
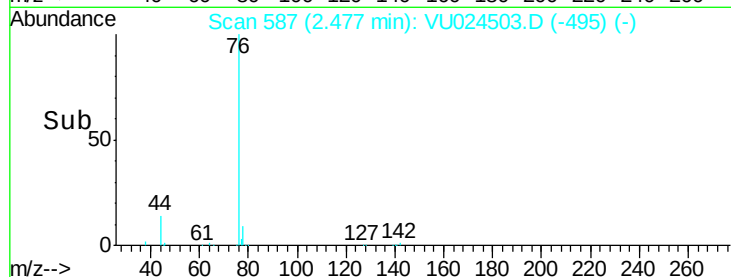
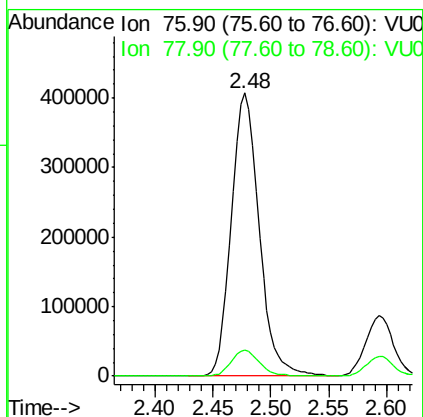
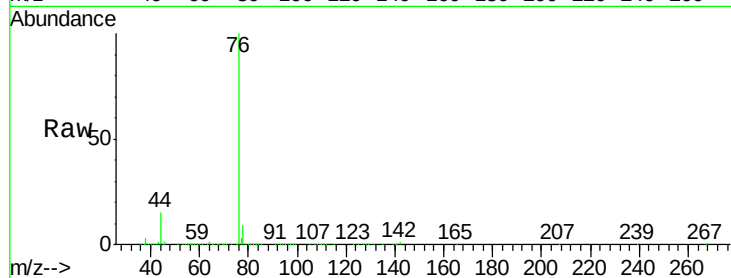




#17
Carbon Disulfide
Concen: 80.65 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

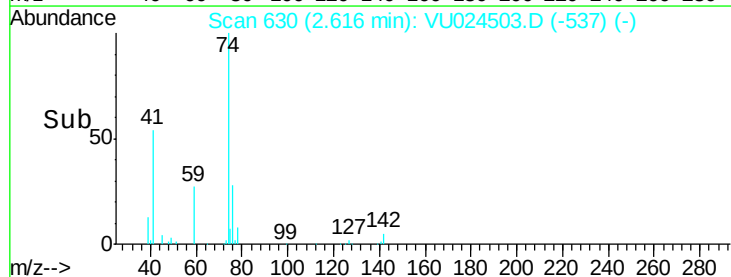
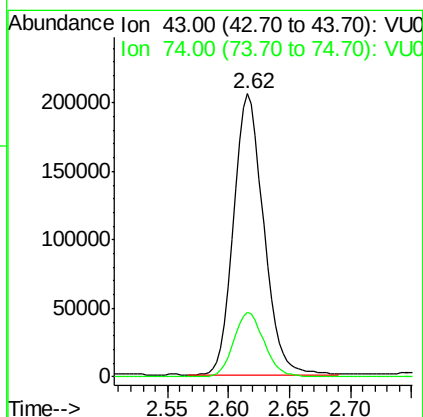
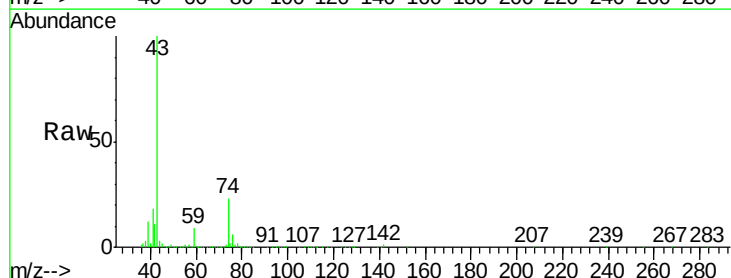
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

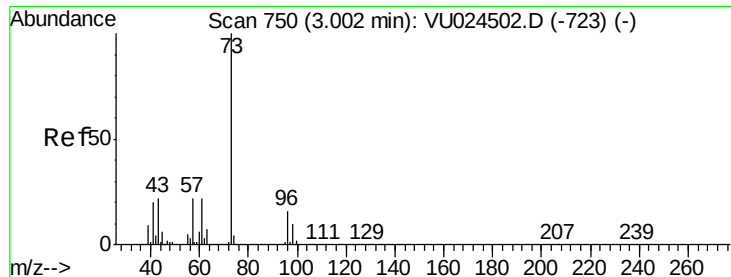
Tgt Ion: 76 Resp: 675699
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 71.41 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion: 43 Resp: 350833
Ion Ratio Lower Upper
43 100
74 23.5 18.0 27.0





#19

Methyl tert-butyl Ether

Concen: 93.07 ug/l

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

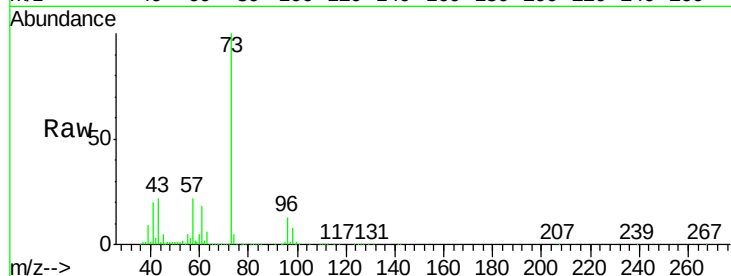
VSTDIC100

Tgt Ion: 73 Resp: 796449

Ion Ratio Lower Upper

73 100

57 21.7 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU024503.D (-657) (-)

Ion 57.00 (56.70 to 57.70): VU024503.D (-657) (-)

3.00

400000

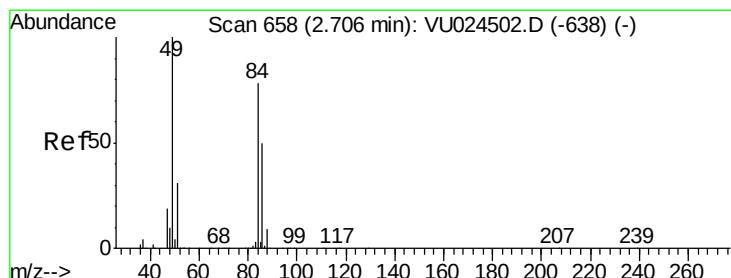
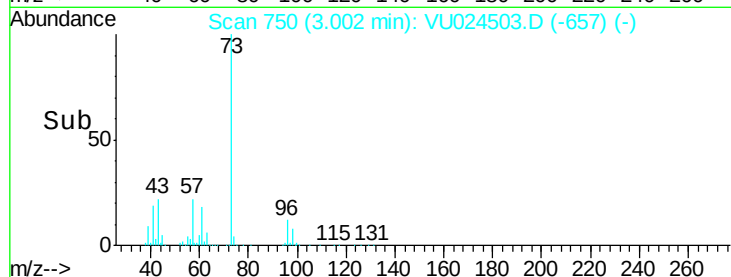
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 71.28 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Tgt Ion: 84 Resp: 242153

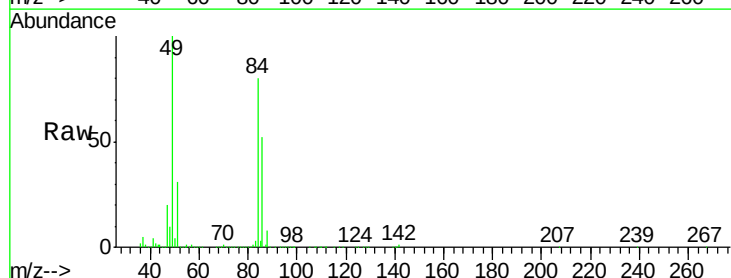
Ion Ratio Lower Upper

84 100

49 125.6 103.8 155.8

51 38.2 32.0 48.0

86 64.9 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU024503.D (-565) (-)

Ion 48.90 (48.60 to 49.60): VU024503.D (-565) (-)

Ion 50.90 (50.60 to 51.60): VU024503.D (-565) (-)

Ion 85.90 (85.60 to 86.60): VU024503.D (-565) (-)

250000

200000

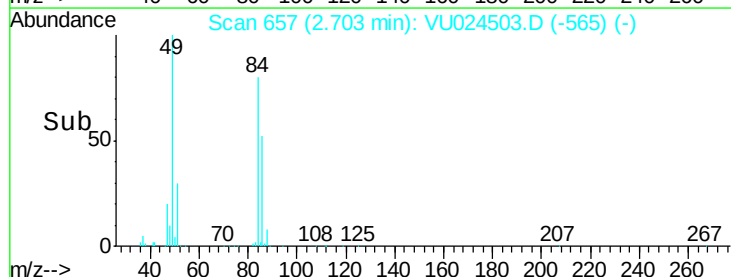
150000

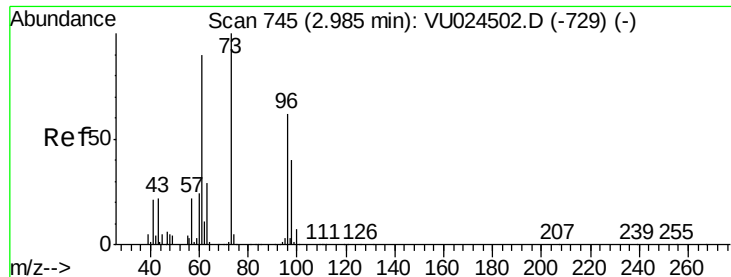
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 78.89 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

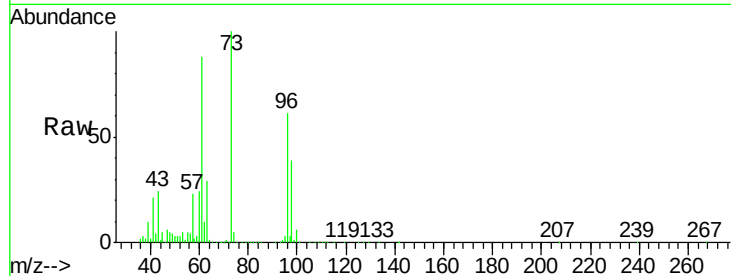
Tgt Ion: 96 Resp: 230492

Ion Ratio Lower Upper

96 100

61 143.8 119.4 179.0

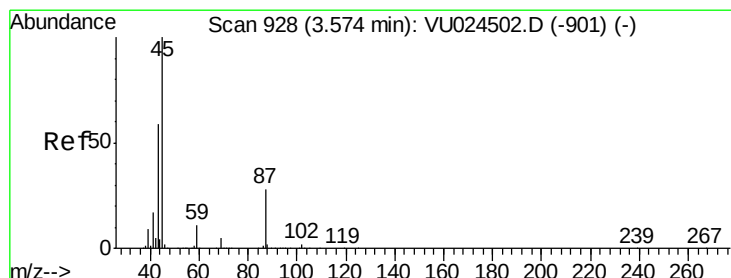
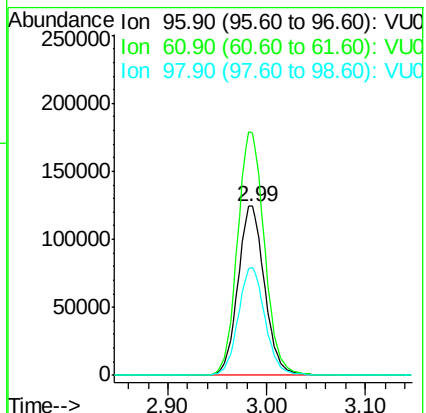
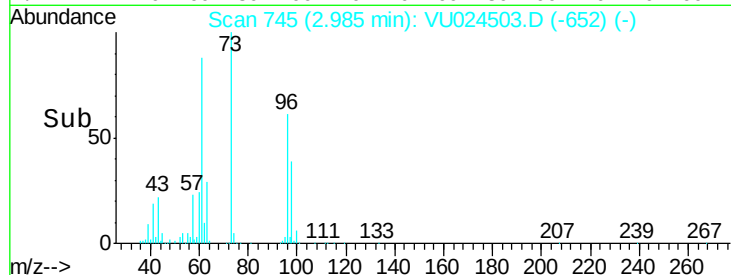
98 63.7 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024503.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU024503.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU024503.D (-652) (-)



#22

Diisopropyl ether

Concen: 83.72 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Tgt Ion: 45 Resp: 779368

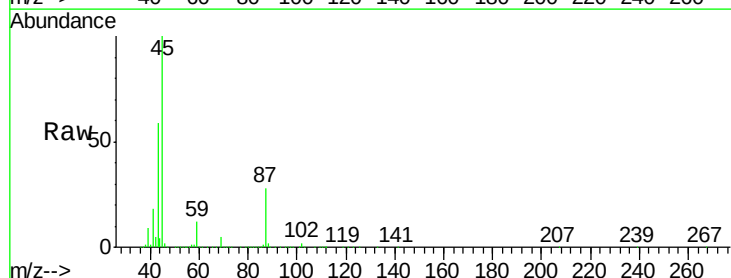
Ion Ratio Lower Upper

45 100

43 58.6 45.8 68.6

87 27.6 20.6 31.0

59 11.7 9.4 14.0

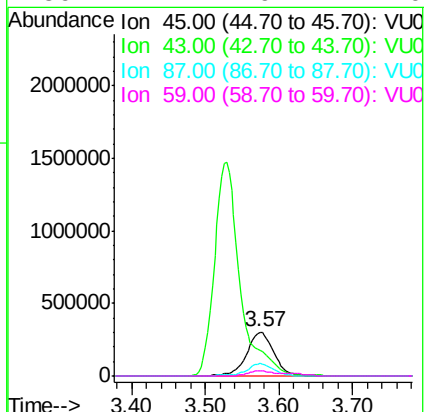
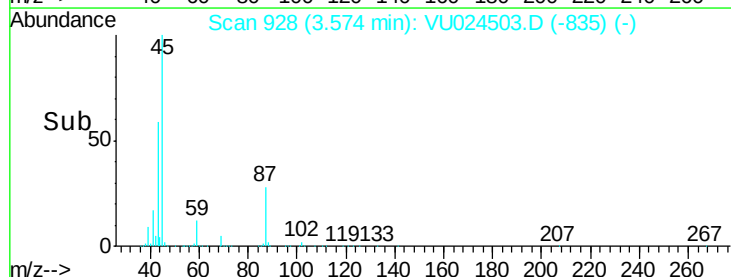


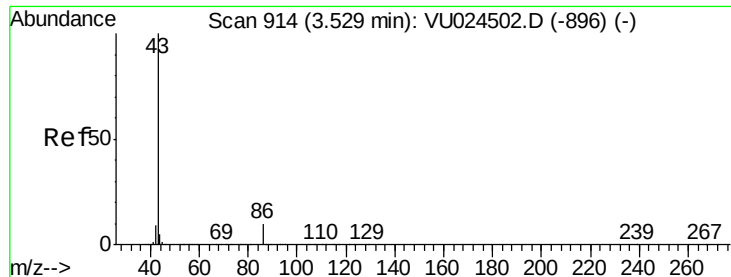
Abundance Ion 45.00 (44.70 to 45.70): VU024503.D (-835) (-)

Ion 43.00 (42.70 to 43.70): VU024503.D (-835) (-)

Ion 87.00 (86.70 to 87.70): VU024503.D (-835) (-)

Ion 59.00 (58.70 to 59.70): VU024503.D (-835) (-)





#23

Vinyl Acetate

Concen: 518.57 ug/l

RT: 3.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

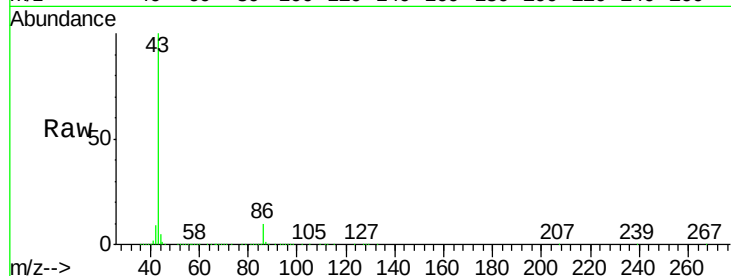
VSTDIC100

Tgt Ion: 43 Resp: 3547887

Ion Ratio Lower Upper

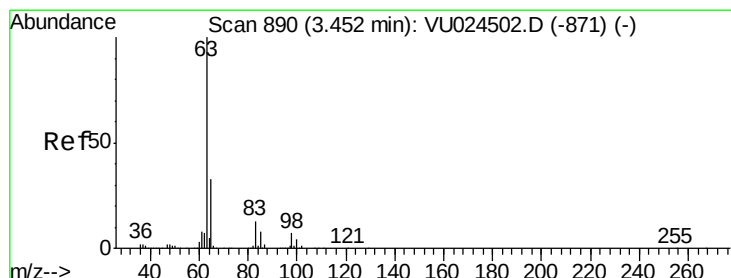
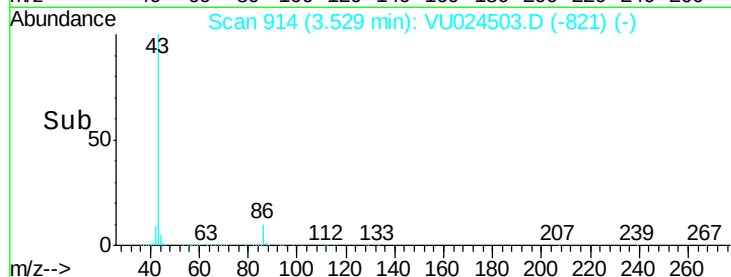
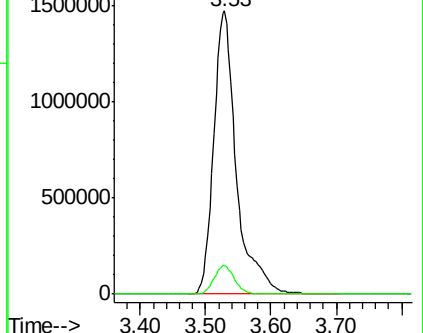
43 100

86 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU024503.D (-821) (-)

Ion 86.00 (85.70 to 86.70): VU024503.D (-821) (-)



#24

1,1-Dichloroethane

Concen: 76.92 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

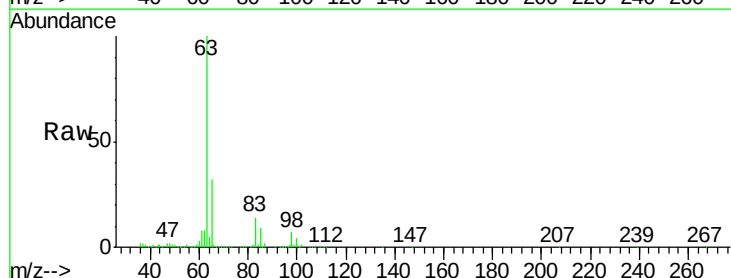
Tgt Ion: 63 Resp: 448293

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

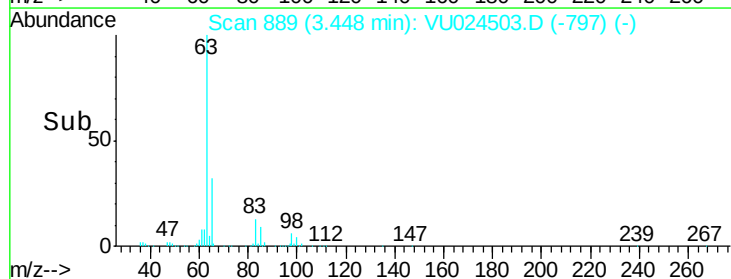
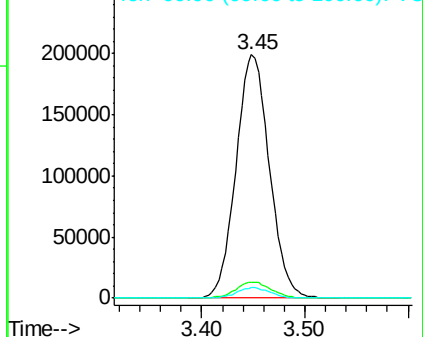
100 4.2 1.8 5.5

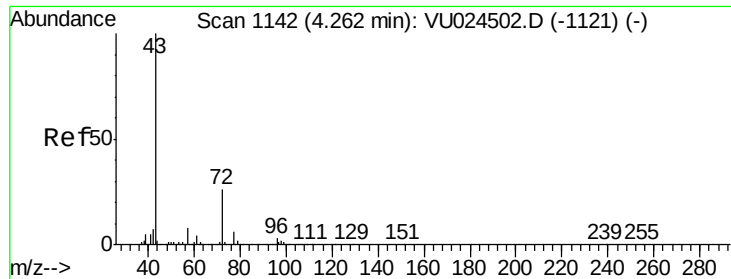


Abundance Ion 62.90 (62.60 to 63.60): VU024503.D (-797) (-)

Ion 97.90 (97.60 to 98.60): VU024503.D (-797) (-)

Ion 99.90 (99.60 to 100.60): VU024503.D (-797) (-)





#25

2-Butanone

Concen: 381.08 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

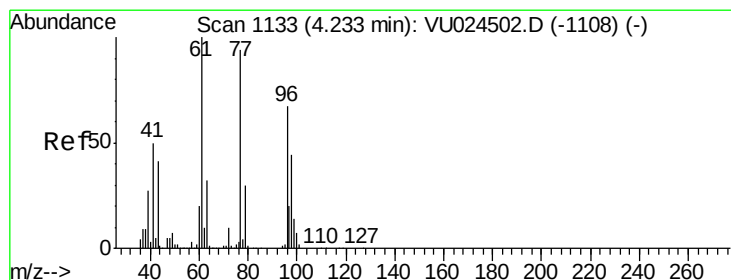
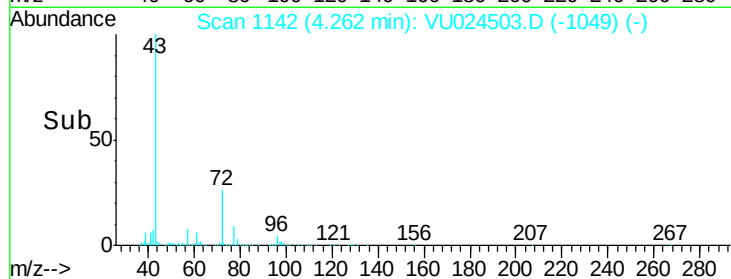
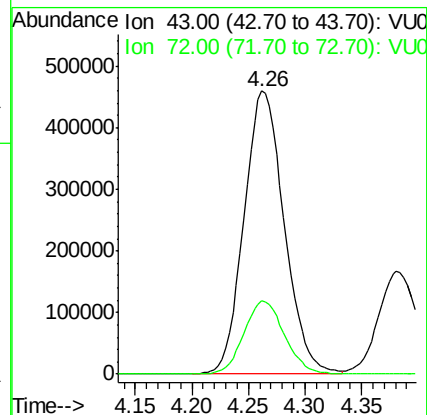
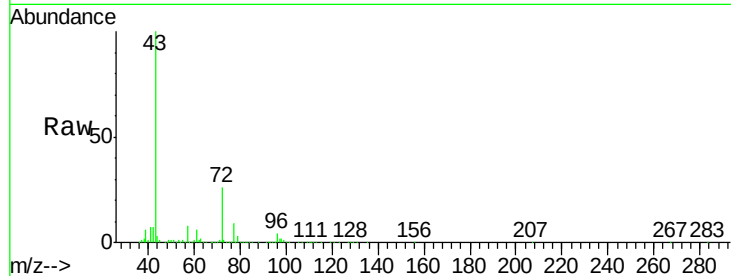
VSTDIC100

Tgt Ion: 43 Resp: 1126583

Ion Ratio Lower Upper

43 100

72 25.8 19.6 29.4



#26

2,2-Dichloropropane

Concen: 94.25 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024503.D

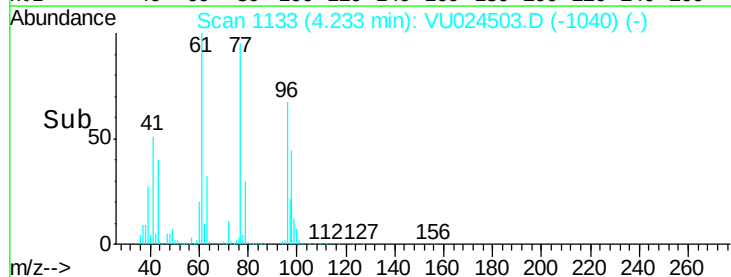
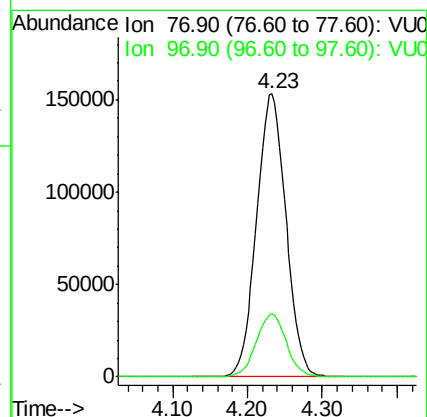
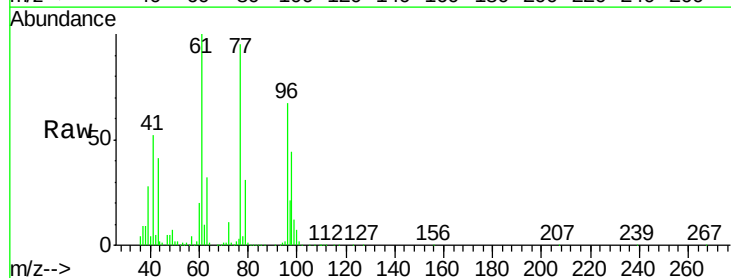
Acq: 13 Jun 2018 13:05

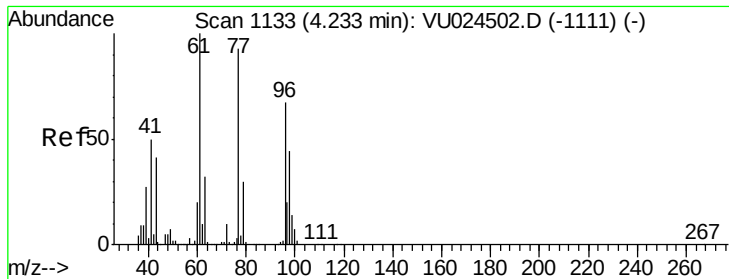
Tgt Ion: 77 Resp: 418809

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 84.13 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

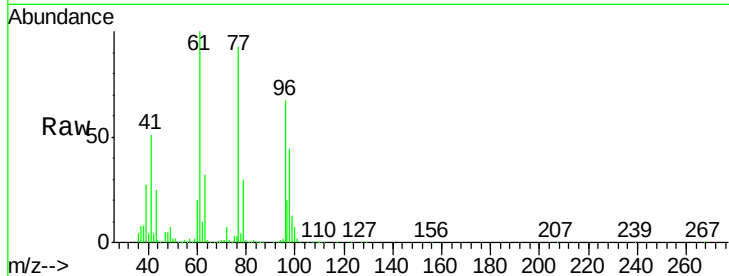
Tgt Ion: 96 Resp: 267096

Ion Ratio Lower Upper

96 100

61 153.6 0.0 306.6

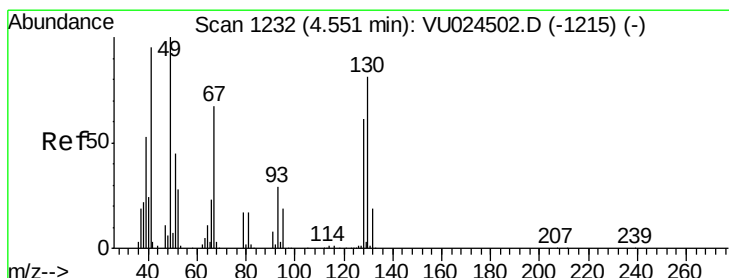
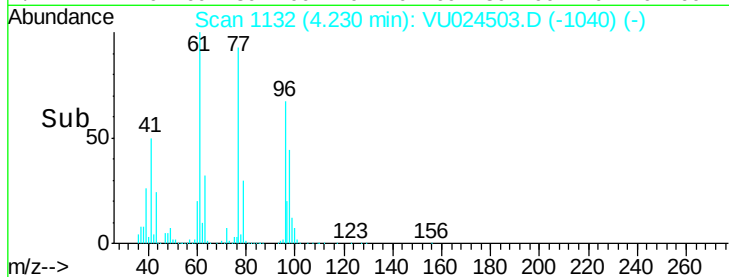
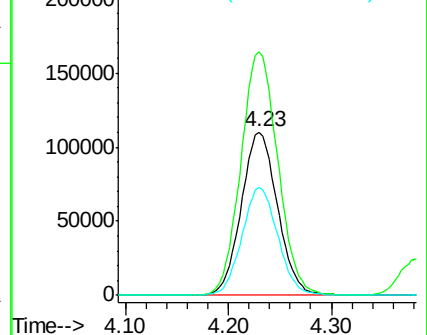
98 65.3 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 95.34 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

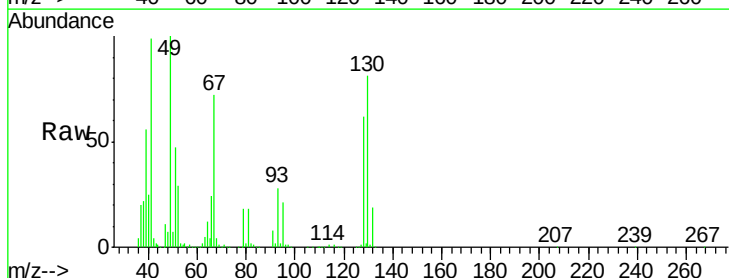
Tgt Ion: 49 Resp: 203492

Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

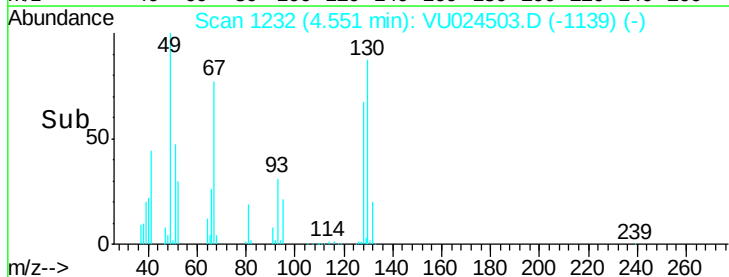
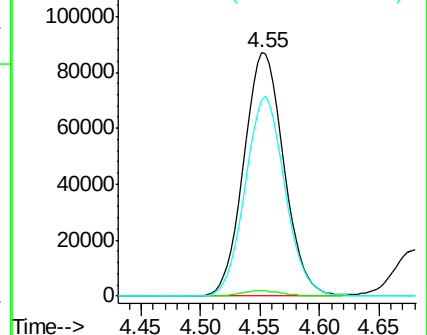
130 81.4 57.8 86.6

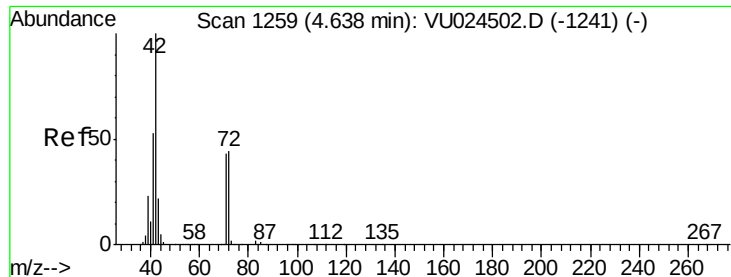


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 398.40 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

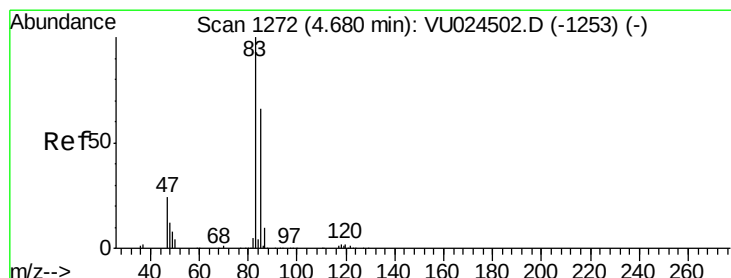
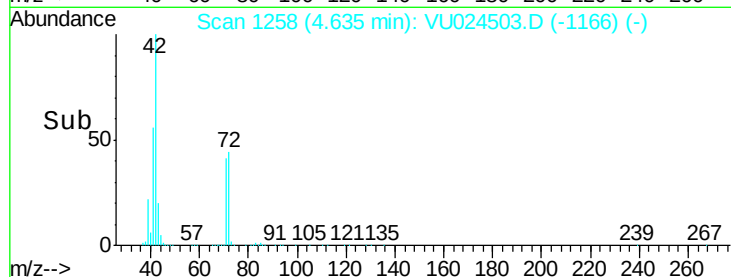
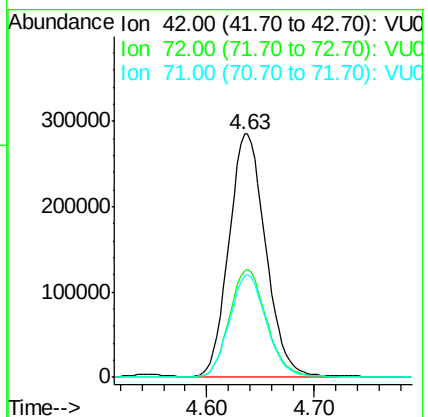
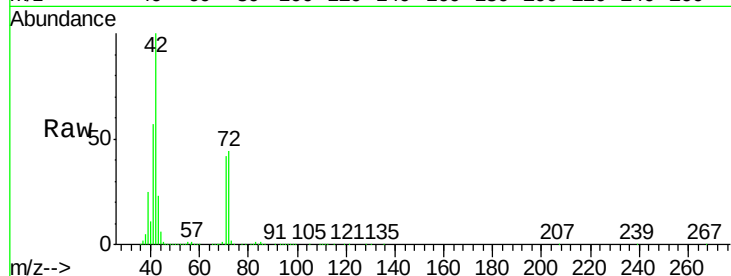
Tgt Ion: 42 Resp: 672106

Ion Ratio Lower Upper

42 100

72 45.3 34.5 51.7

71 42.2 32.2 48.4



#30

Chloroform

Concen: 76.71 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VU024503.D

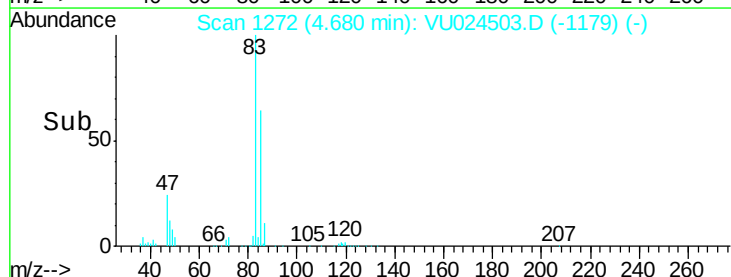
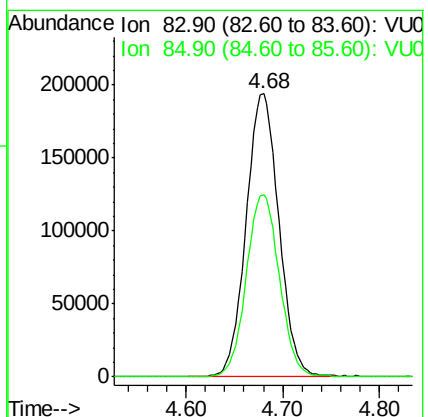
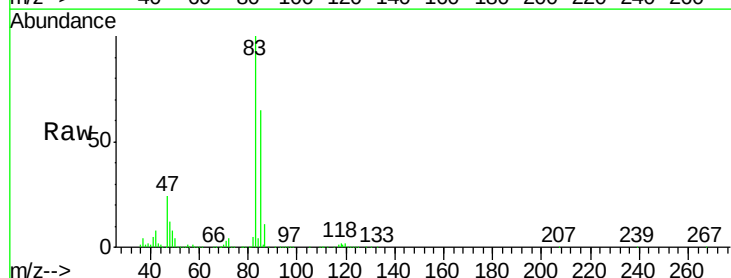
Acq: 13 Jun 2018 13:05

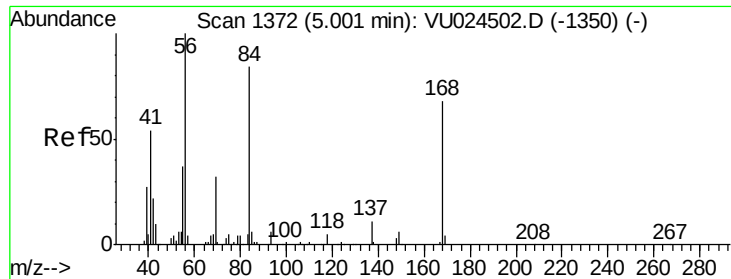
Tgt Ion: 83 Resp: 452996

Ion Ratio Lower Upper

83 100

85 64.6 52.4 78.6

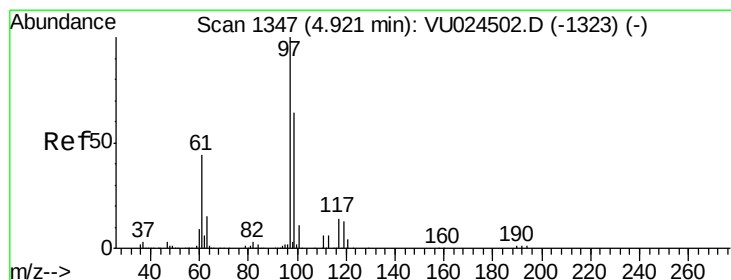
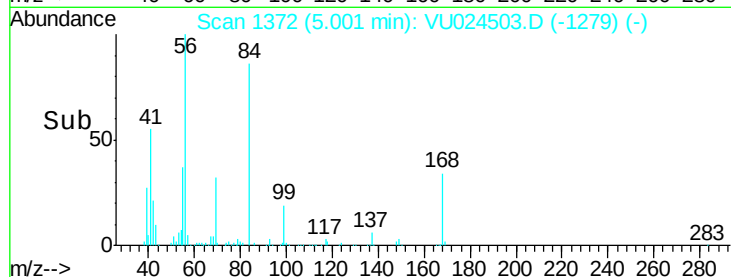
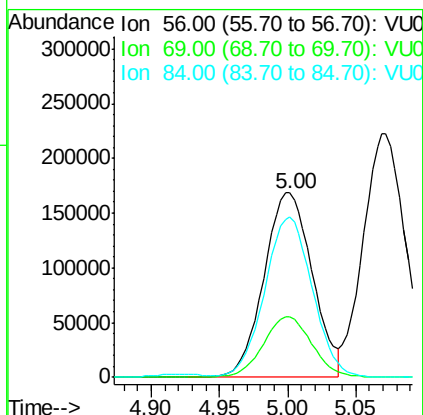
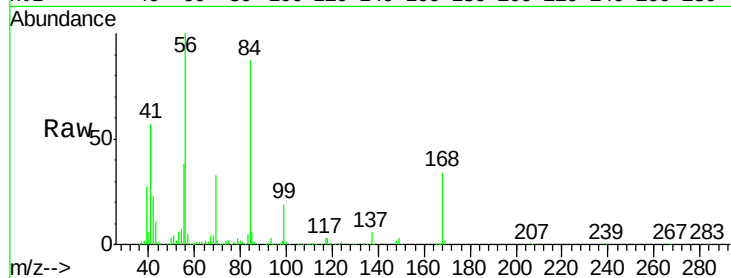




#31
Cyclohexane
Concen: 71.36 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

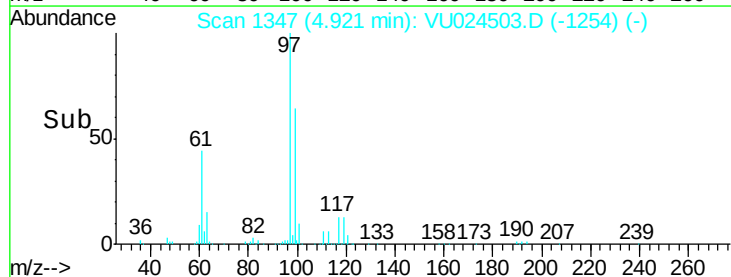
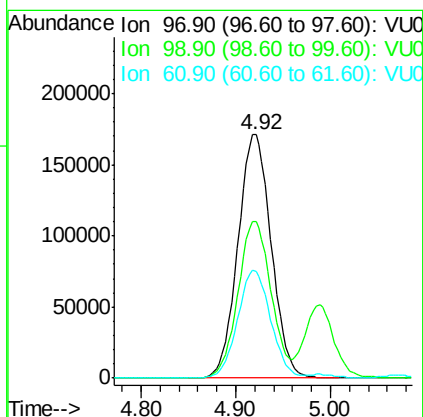
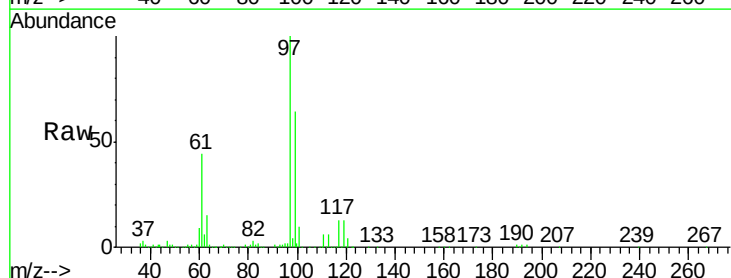
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

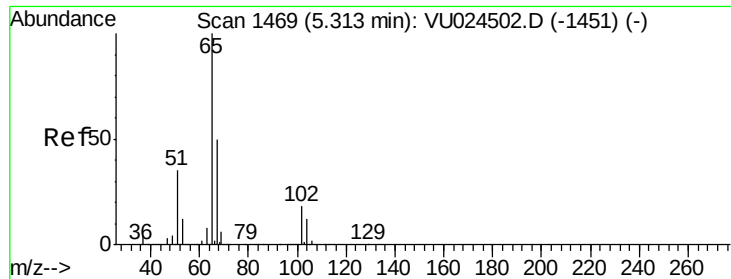
Tgt Ion: 56 Resp: 412430
Ion Ratio Lower Upper
56 100
69 32.4 24.8 37.2
84 85.5 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 87.69 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion: 97 Resp: 416490
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 44.3 39.4 59.0

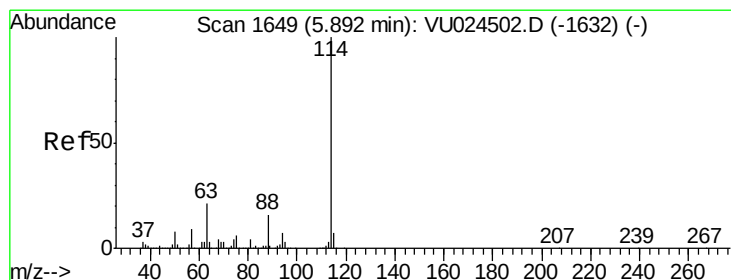
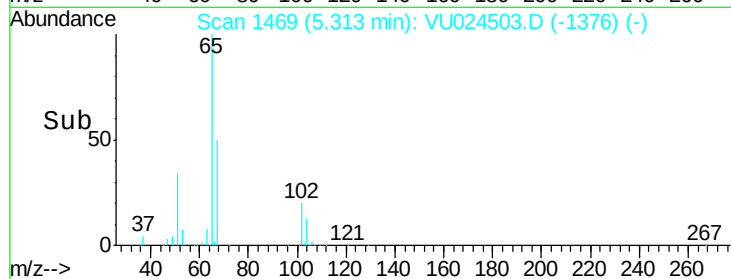
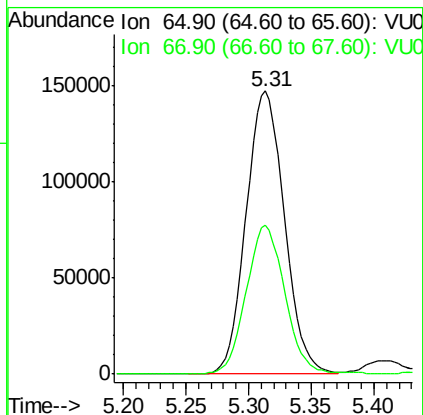
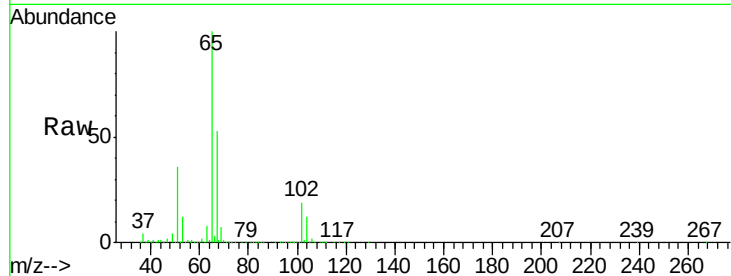




#33
 1,2-Dichloroethane-d4
 Concen: 81.11 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

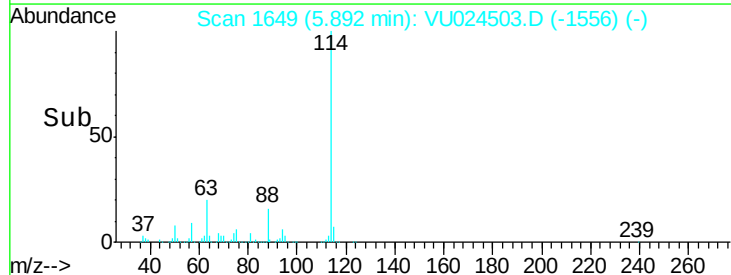
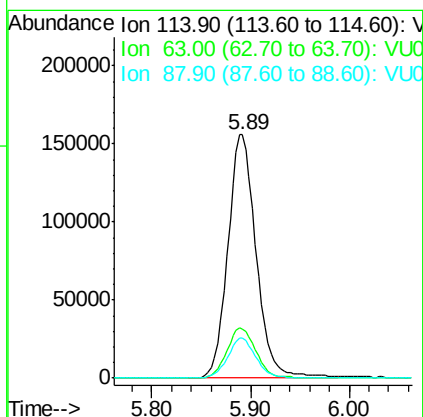
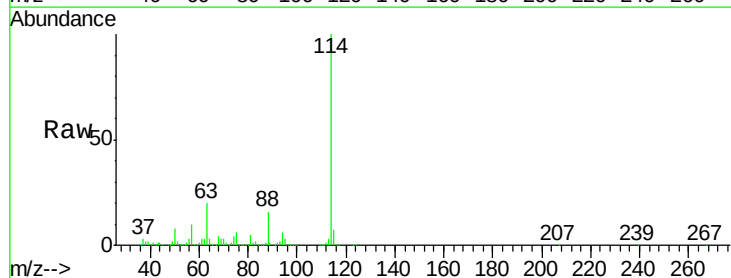
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

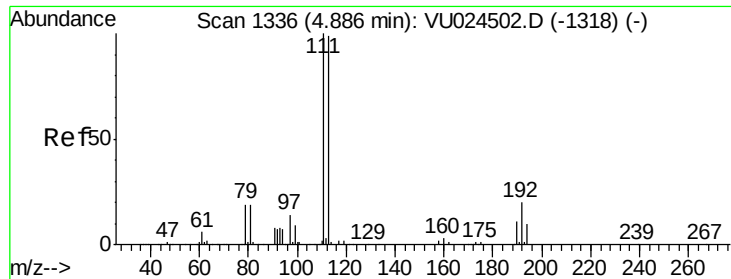
Tgt Ion: 65 Resp: 314073
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

Tgt Ion: 114 Resp: 311868
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.4
 88 16.4 0.0 31.0

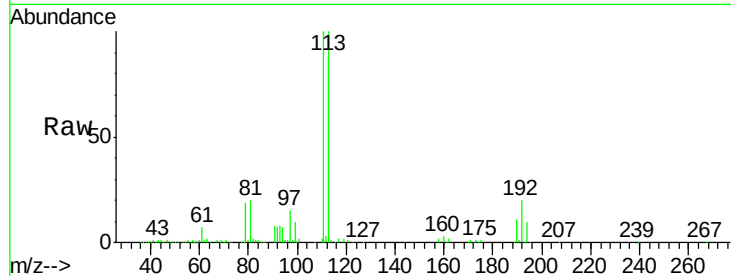




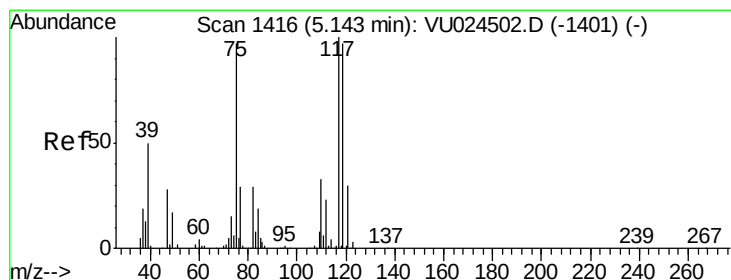
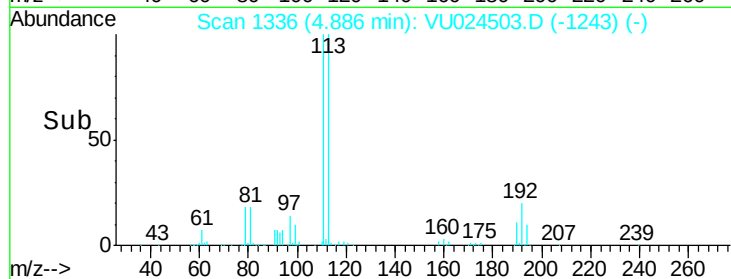
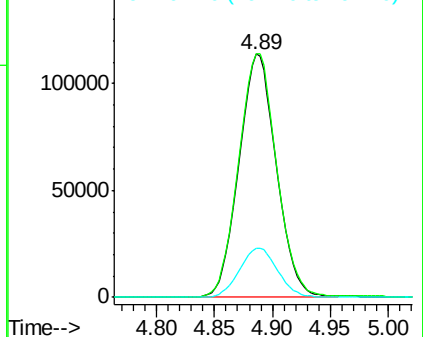
#35
 Dibromofluoromethane
 Concen: 79.52 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	20.8	16.2	24.4

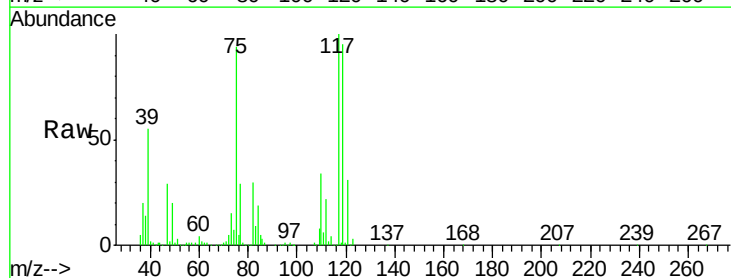


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

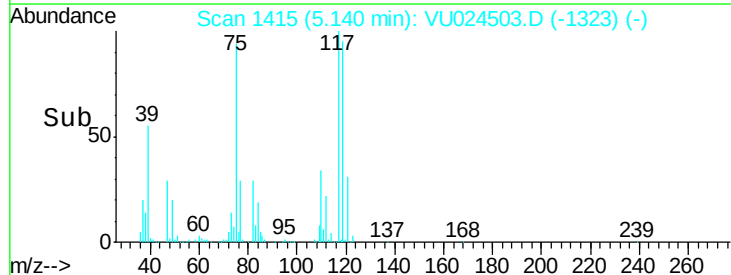
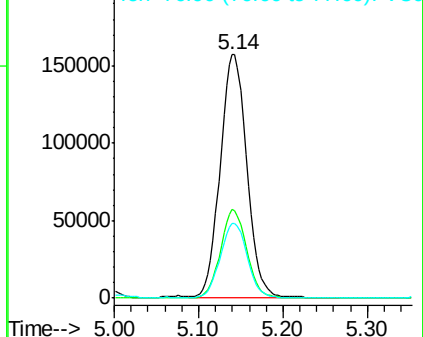


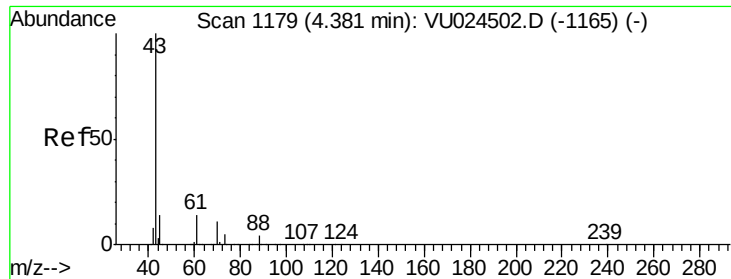
#36
 1,1-Dichloropropene
 Concen: 77.38 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.0	50.9
77	30.4	24.2	36.4



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

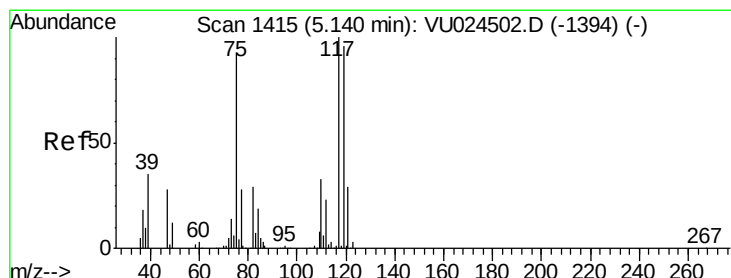
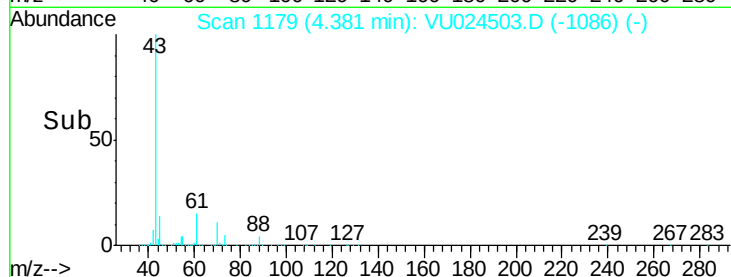
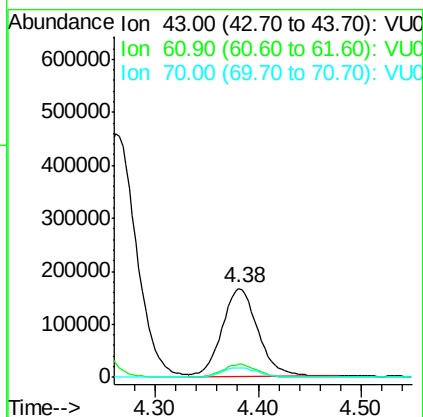
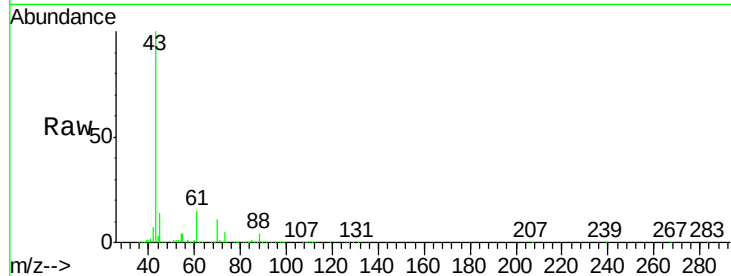




#37
 Ethyl Acetate
 Concen: 80.34 ug/l
 RT: 4.38 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

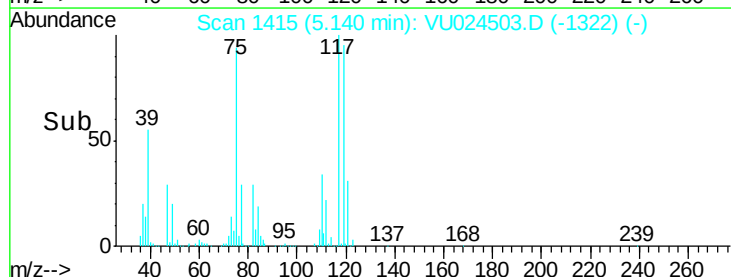
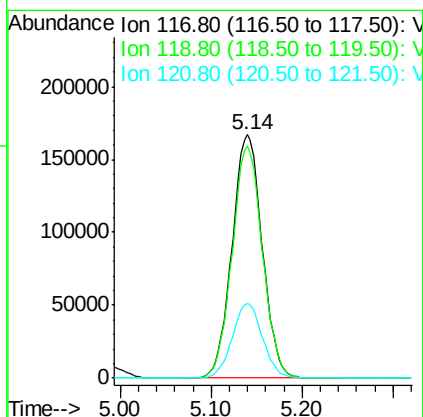
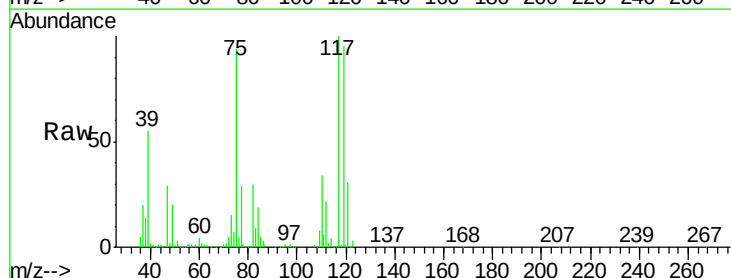
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

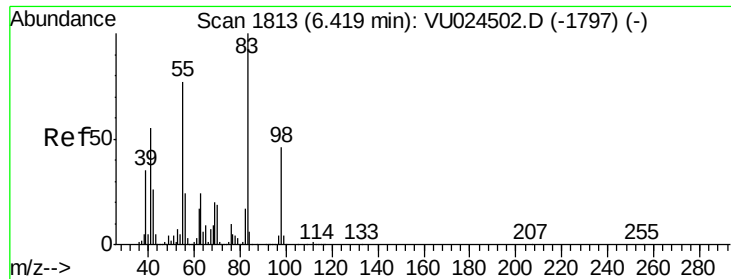
Tgt Ion: 43 Resp: 400888
 Ion Ratio Lower Upper
 43 100
 61 14.4 10.5 15.7
 70 10.6 7.4 11.2



#38
 Carbon Tetrachloride
 Concen: 90.38 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

Tgt Ion: 117 Resp: 383033
 Ion Ratio Lower Upper
 117 100
 119 95.2 76.1 114.1
 121 30.7 23.7 35.5

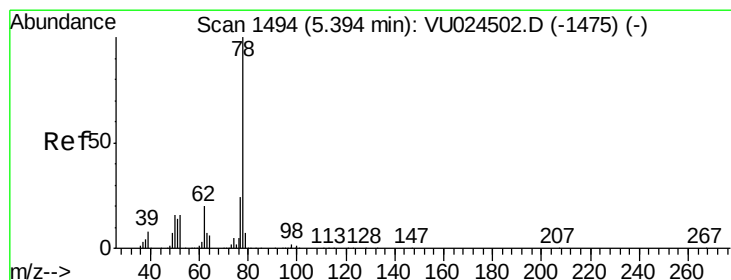
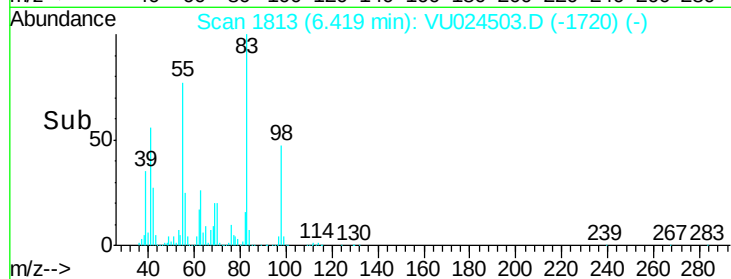
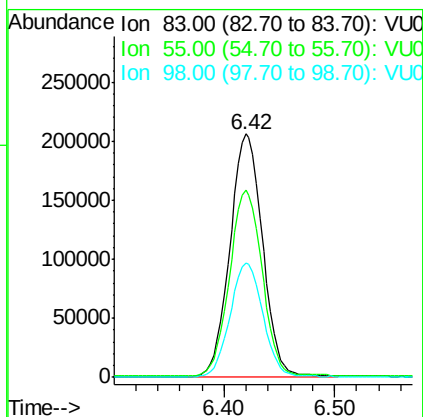
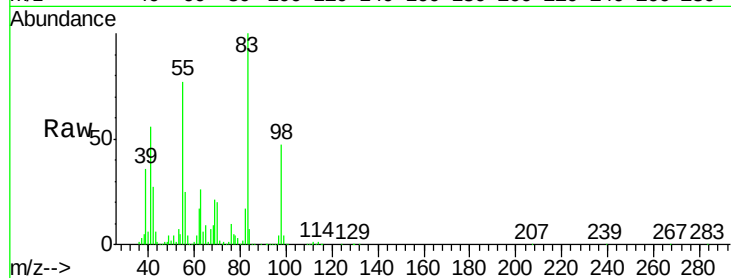




#39
Methylcyclohexane
Concen: 87.53 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

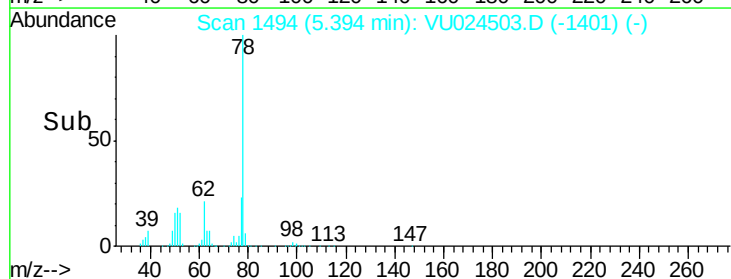
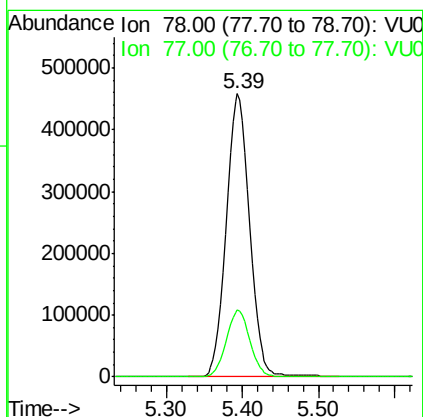
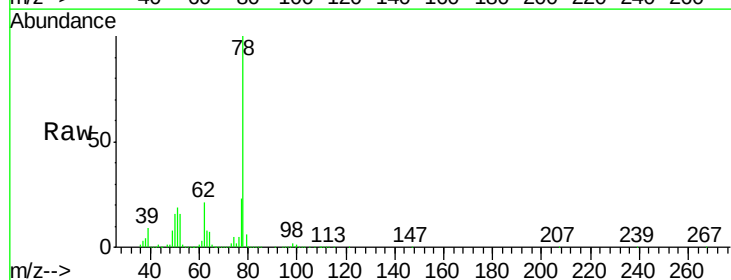
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

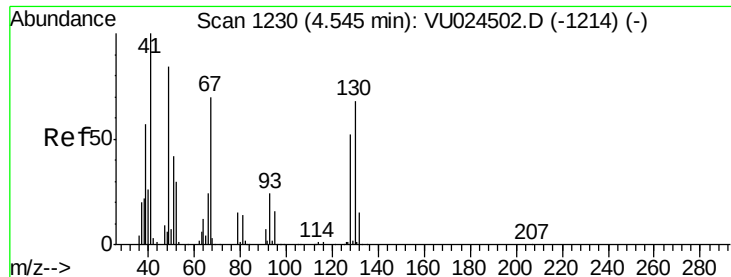
Tgt Ion: 83 Resp: 420908
Ion Ratio Lower Upper
83 100
55 76.6 65.8 98.6
98 47.0 36.7 55.1



#40
Benzene
Concen: 73.38 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion: 78 Resp: 984314
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8

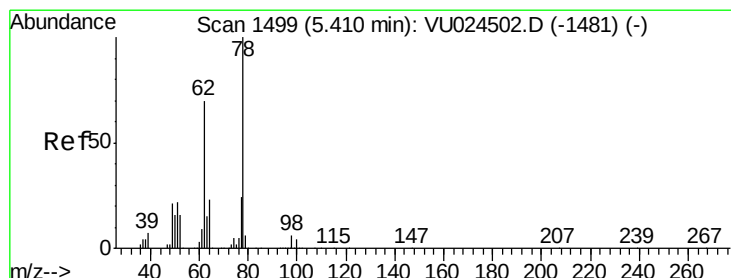
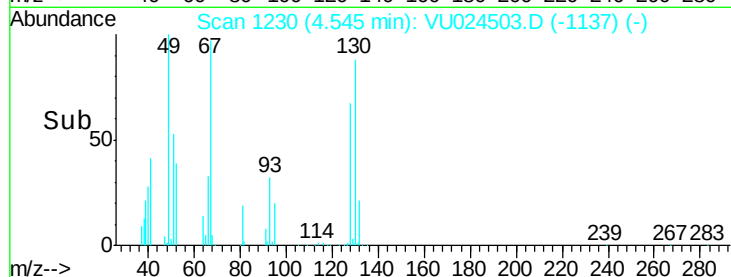
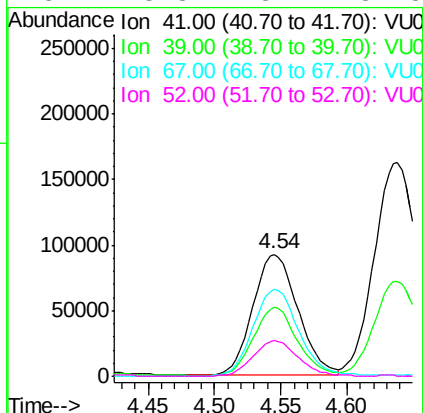
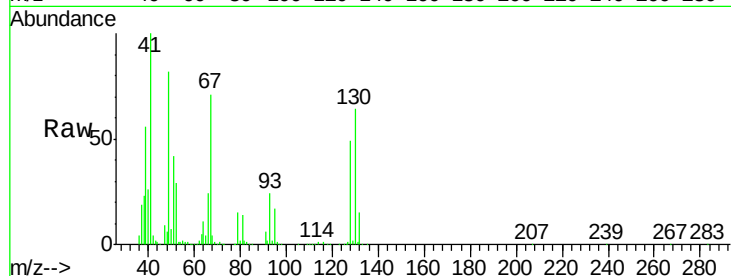




#41
Methacrylonitrile
Concen: 77.65 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

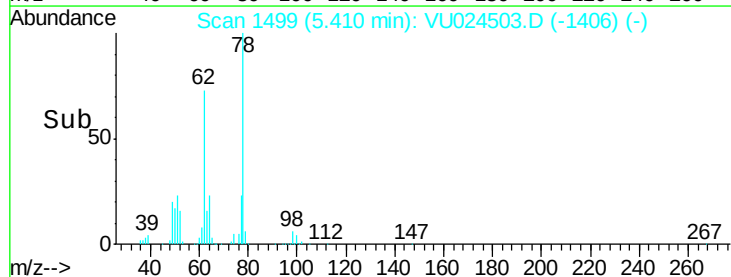
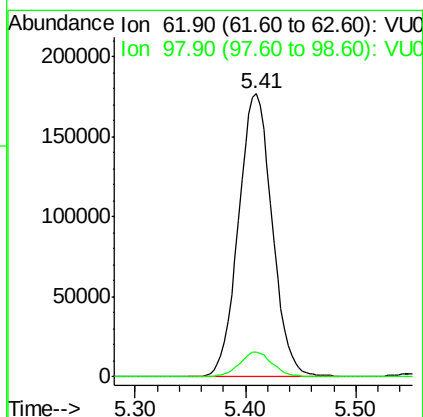
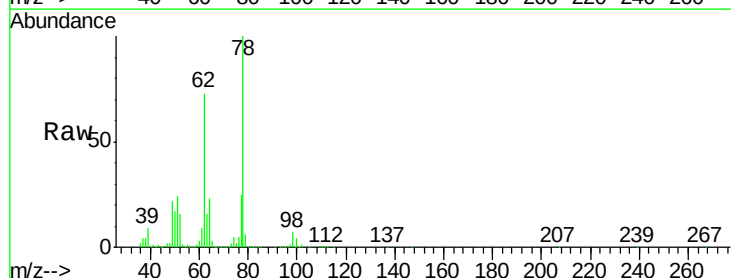
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

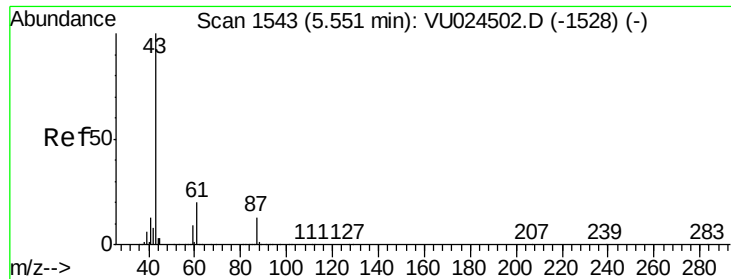
Tgt Ion:	41	Resp:	217154
Ion	Ratio	Lower	Upper
41	100		
39	55.5	43.8	65.6
67	72.6	56.3	84.5
52	28.8	23.2	34.8



#42
1,2-Dichloroethane
Concen: 72.79 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion:	62	Resp:	373948
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 85.97 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

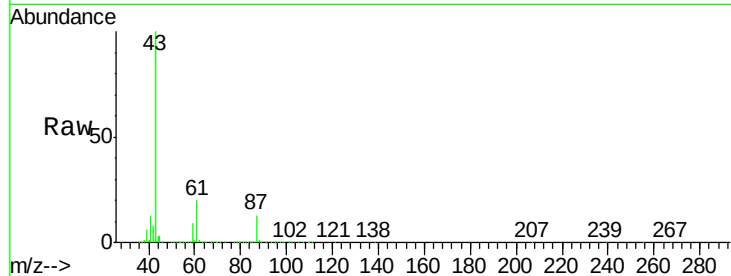
Tgt Ion: 43 Resp: 653324

Ion Ratio Lower Upper

43 100

61 20.0 15.4 23.0

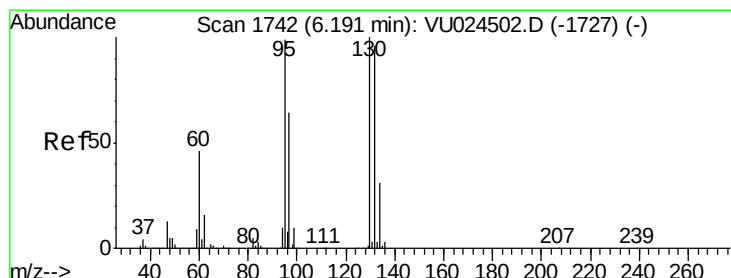
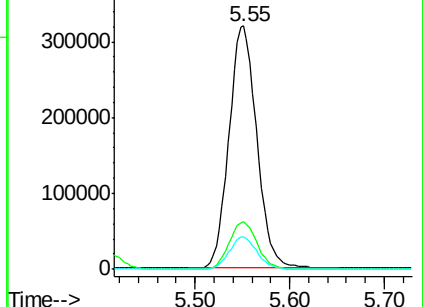
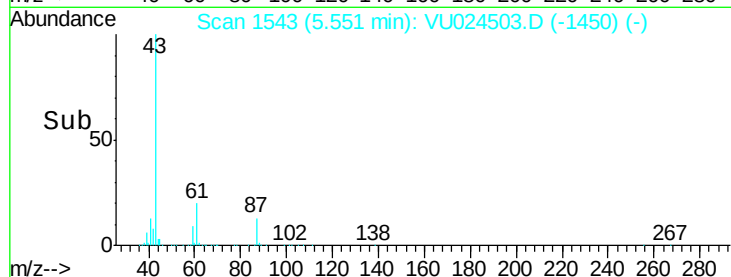
87 13.4 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VU024503.D (-1450) (-)

Ion 61.00 (60.70 to 61.70): VU024503.D (-1450) (-)

Ion 87.00 (86.70 to 87.70): VU024503.D (-1450) (-)



#44

Trichloroethene

Concen: 79.32 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024503.D

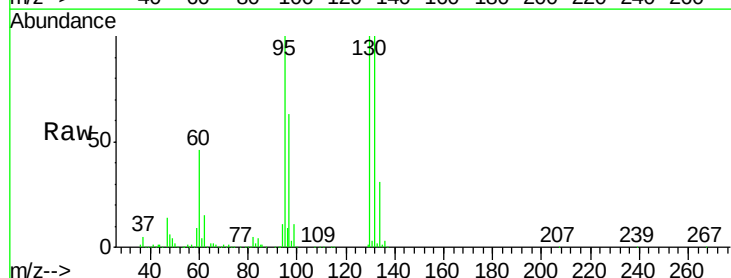
Acq: 13 Jun 2018 13:05

Tgt Ion: 130 Resp: 277256

Ion Ratio Lower Upper

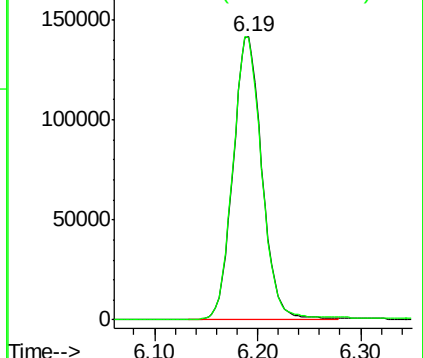
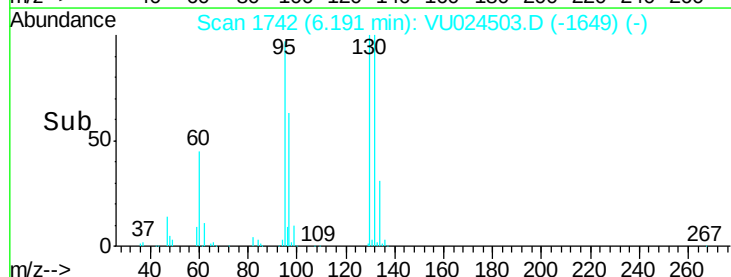
130 100

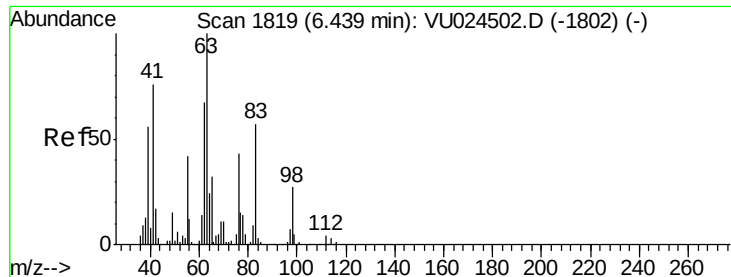
95 99.4 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024503.D (-1649) (-)

Ion 94.90 (94.60 to 95.60): VU024503.D (-1649) (-)





#45

1,2-Dichloropropane

Concen: 73.22 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

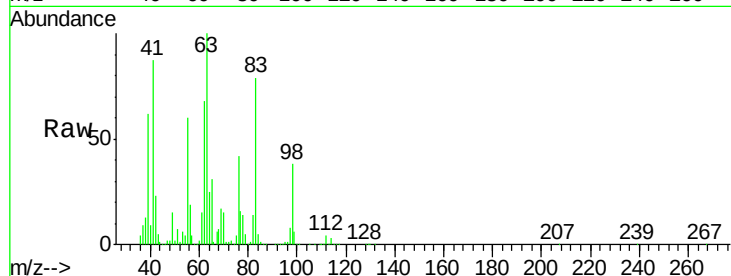
VSTDIC100

Tgt Ion: 63 Resp: 263974

Ion Ratio Lower Upper

63 100

65 31.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0

6.44

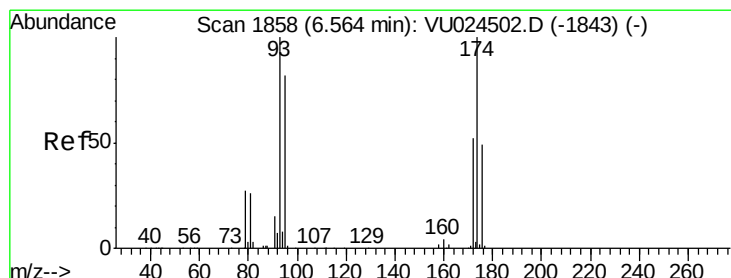
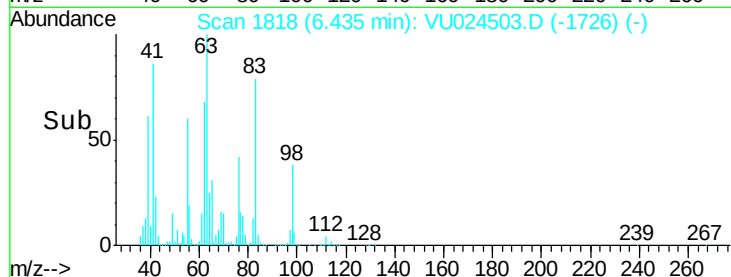
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 78.75 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

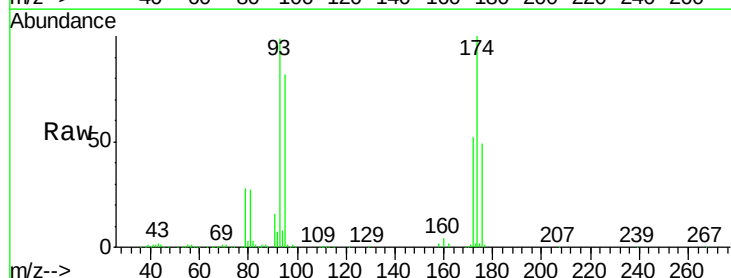
Tgt Ion: 93 Resp: 187960

Ion Ratio Lower Upper

93 100

95 82.7 65.5 98.3

174 102.1 78.7 118.1



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

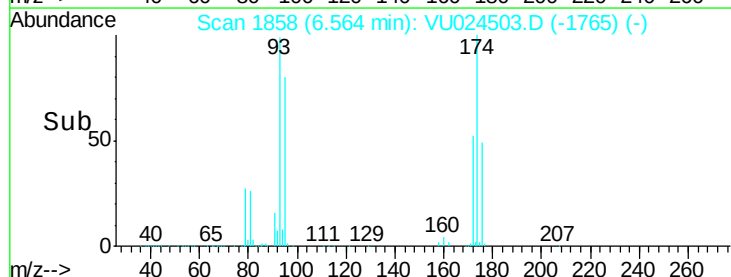
Ion 173.70 (173.40 to 174.40): V

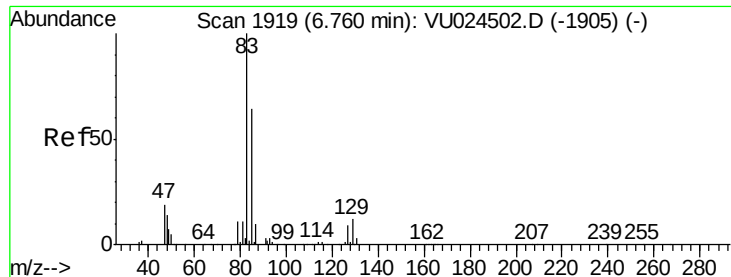
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 80.81 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

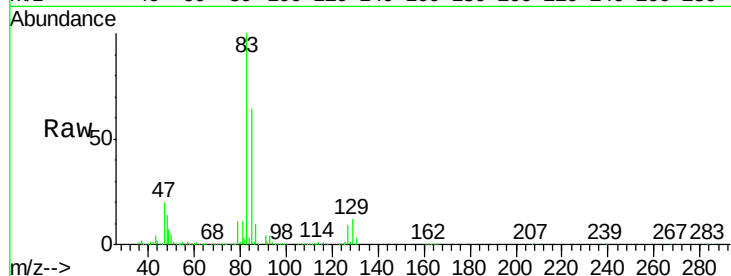
Tgt Ion: 83 Resp: 373188

Ion Ratio Lower Upper

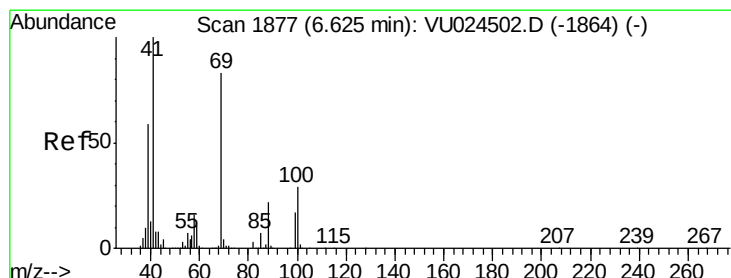
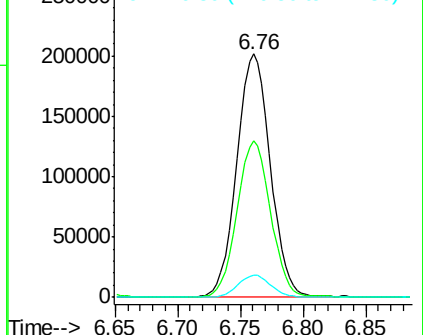
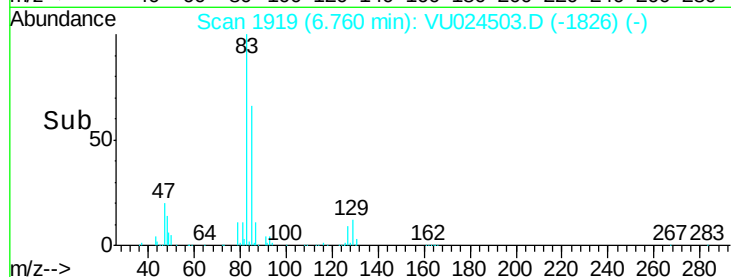
83 100

85 64.2 51.9 77.9

127 9.2 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU024503.D (-1826) (-)



#48

Methyl methacrylate

Concen: 85.54 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

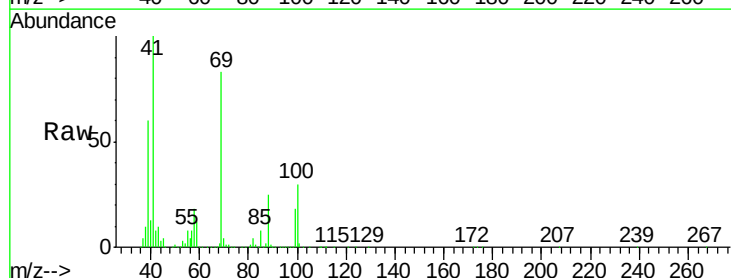
Tgt Ion: 41 Resp: 318712

Ion Ratio Lower Upper

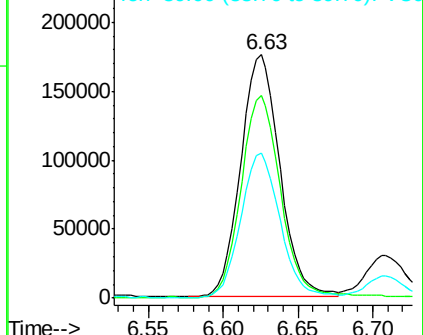
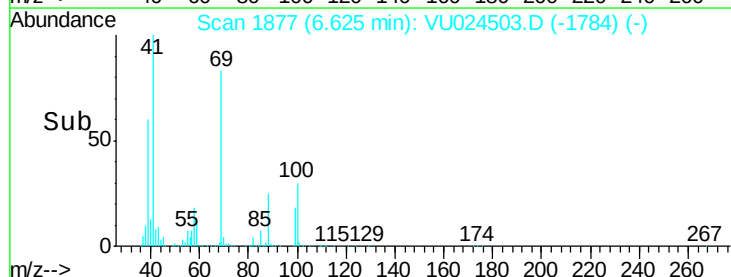
41 100

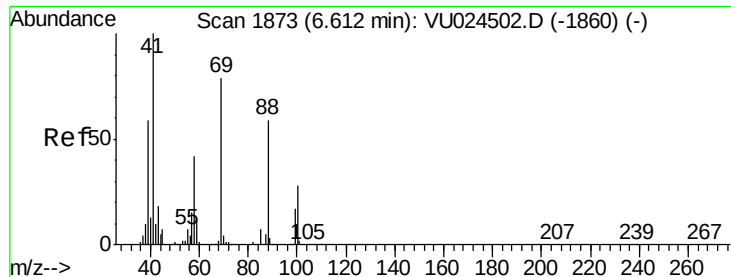
69 85.0 67.3 100.9

39 59.8 46.5 69.7



Abundance Ion 41.00 (40.70 to 41.70): VU024503.D (-1784) (-)

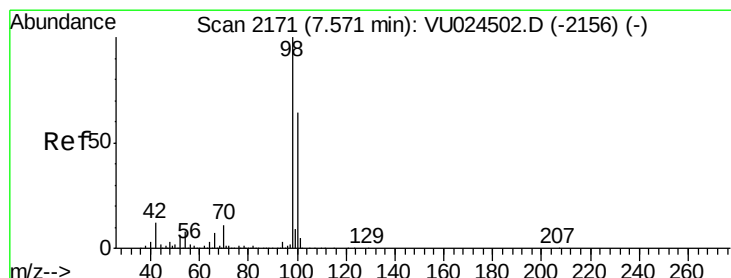
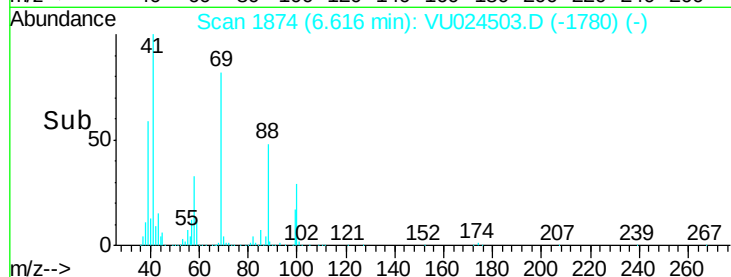
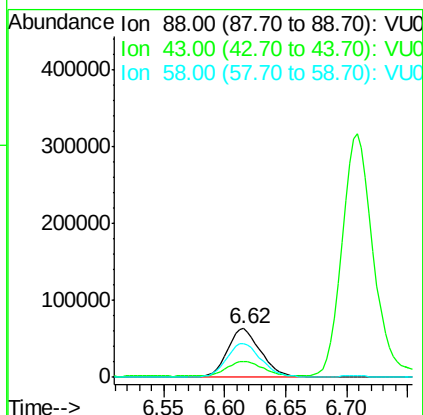
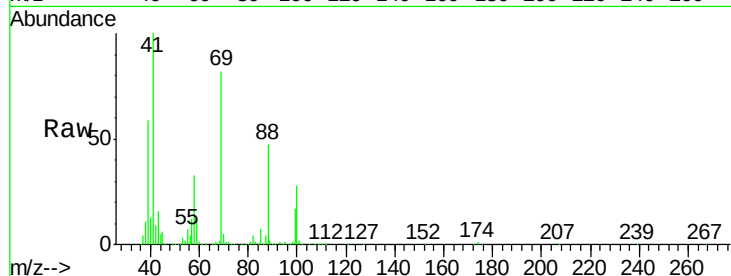




#49
1,4-Dioxane
Concen: 1522.51 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

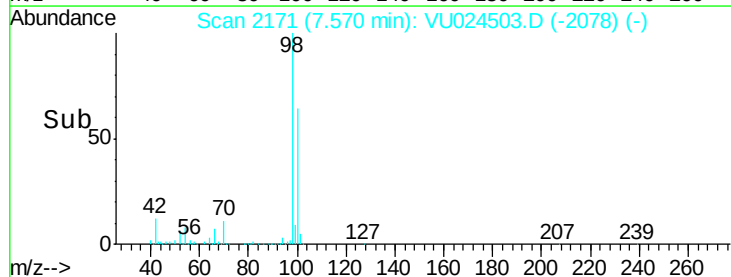
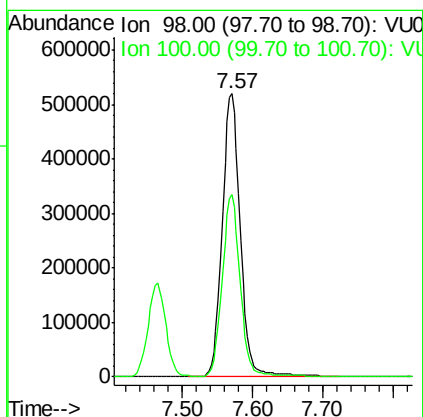
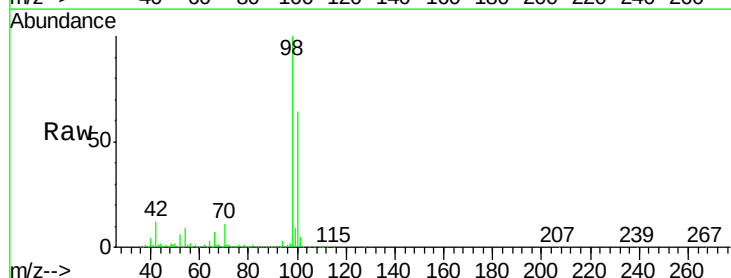
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

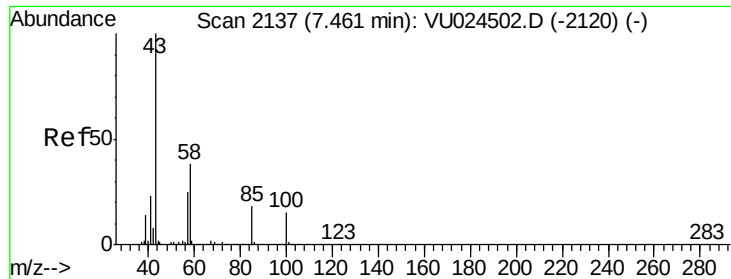
Tgt Ion: 88 Resp: 119671
Ion Ratio Lower Upper
88 100
43 33.5 28.6 42.8
58 71.6 58.2 87.4



#50
Toluene-d8
Concen: 77.89 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion: 98 Resp: 932408
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7

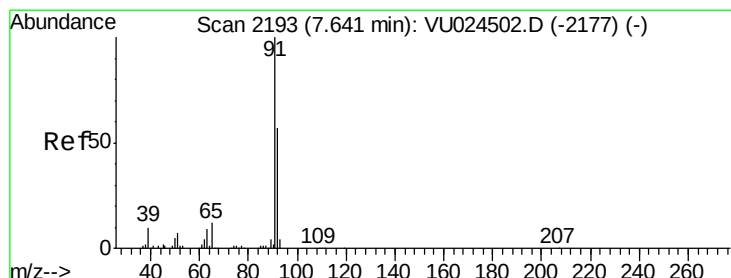
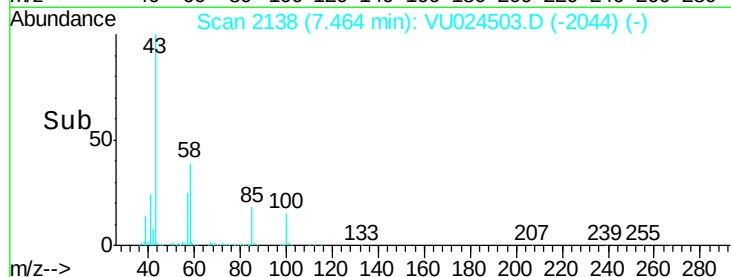
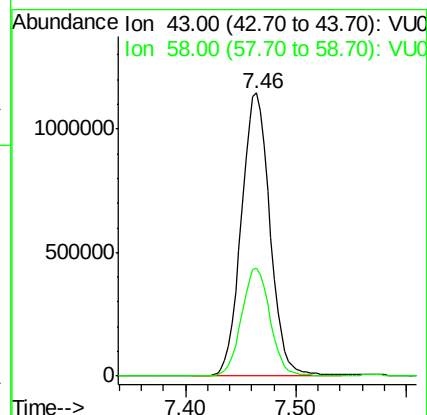
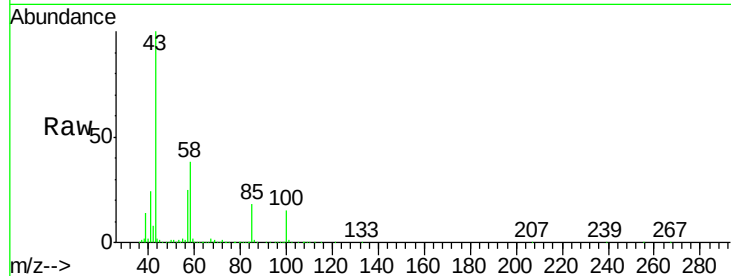




#51
 4-Methyl-2-Pentanone
 Concen: 374.17 ug/l
 RT: 7.46 min Scan# 2138
 Delta R.T. 0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

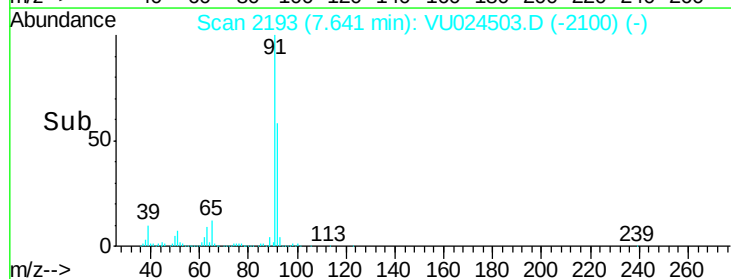
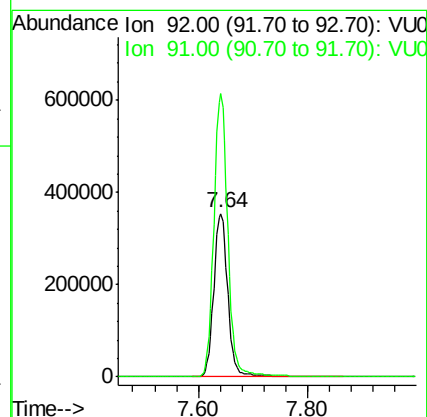
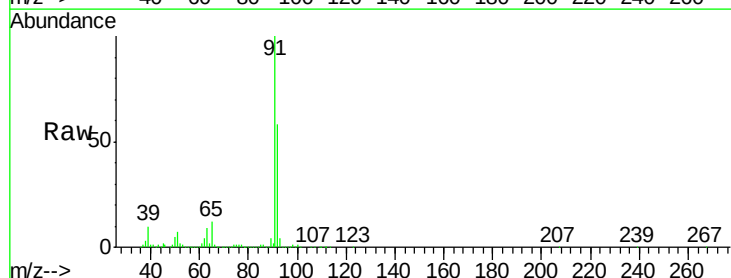
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

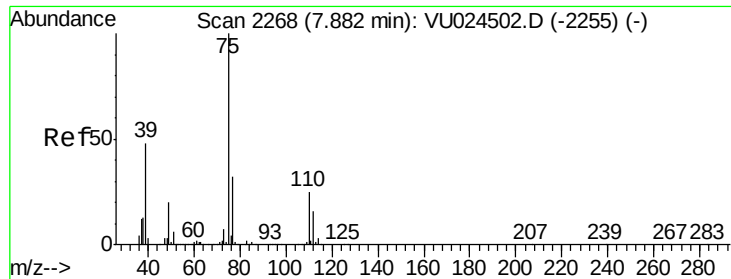
Tgt Ion: 43 Resp: 2051613
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.0 45.0



#52
 Toluene
 Concen: 79.58 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

Tgt Ion: 92 Resp: 633526
 Ion Ratio Lower Upper
 92 100
 91 172.4 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 90.15 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

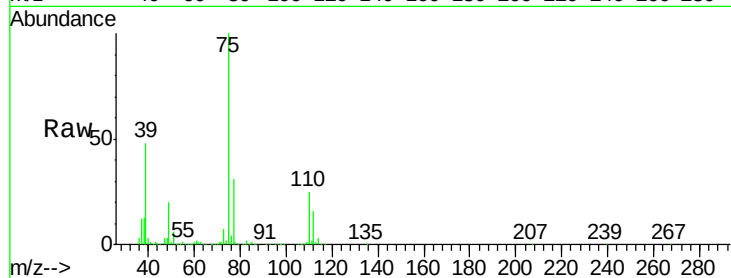
VSTDIC100

Tgt Ion: 75 Resp: 432910

Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

250000

200000

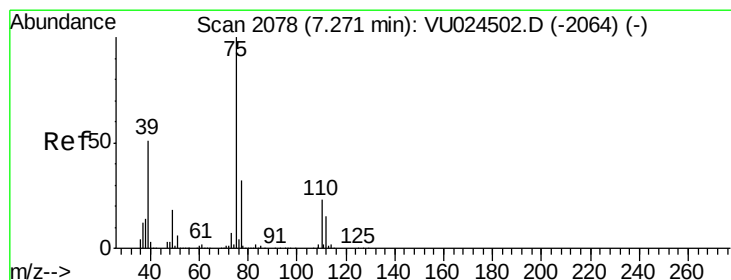
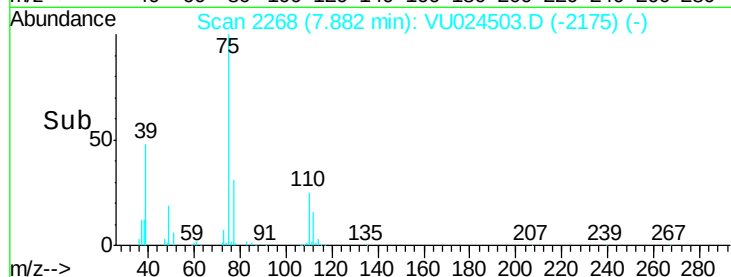
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 85.12 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

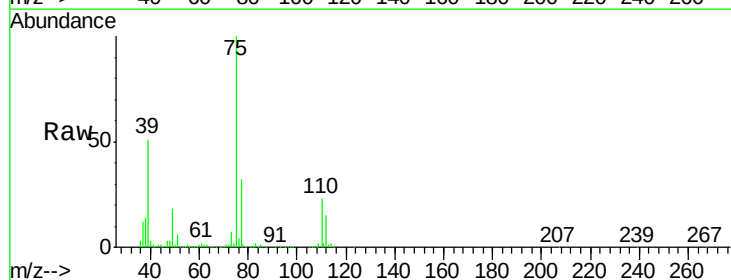
Tgt Ion: 75 Resp: 446031

Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8

39 50.5 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

7.27

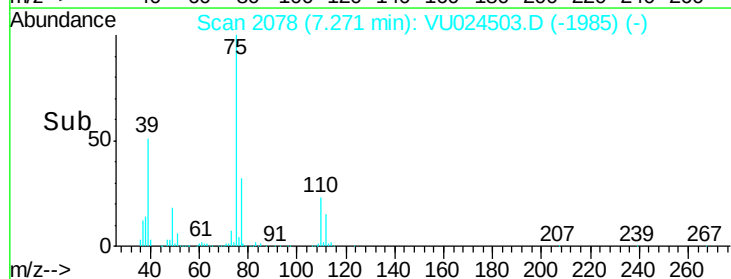
300000

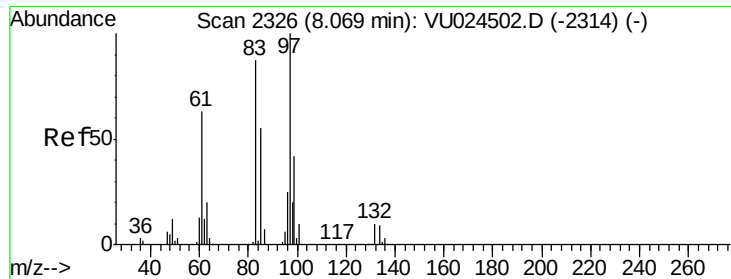
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 74.05 ug/l

RT: 8.07 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 252909

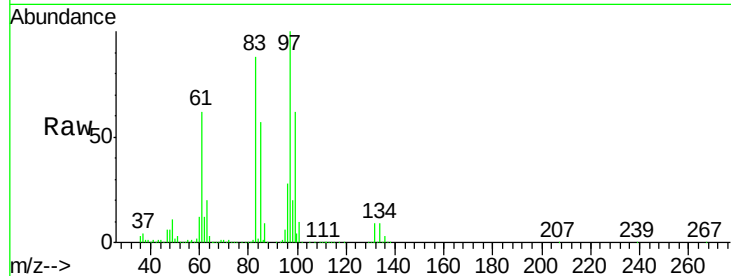
Ion Ratio Lower Upper

97 100

83 87.5 70.5 105.7

85 57.3 46.4 69.6

99 62.3 50.2 75.2

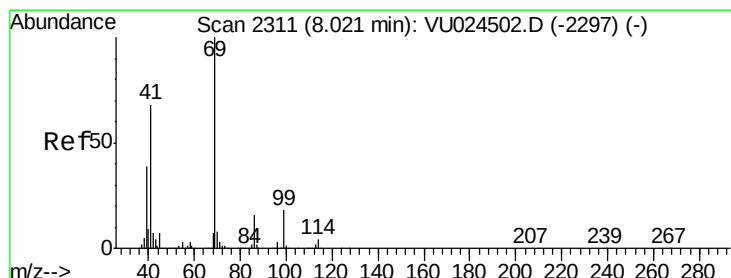
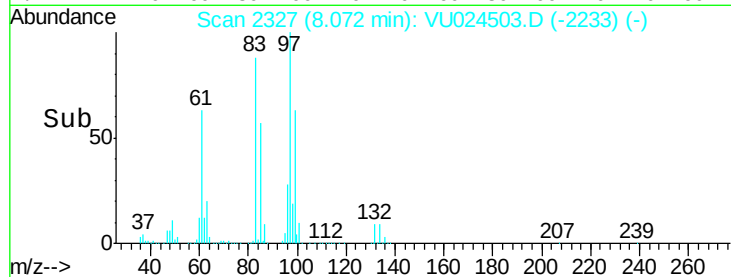
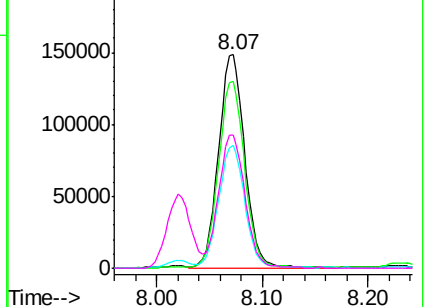


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 97.77 ug/l

RT: 8.02 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

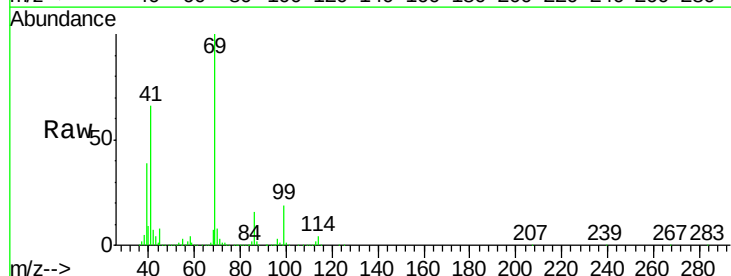
Tgt Ion: 69 Resp: 435195

Ion Ratio Lower Upper

69 100

41 67.3 54.1 81.1

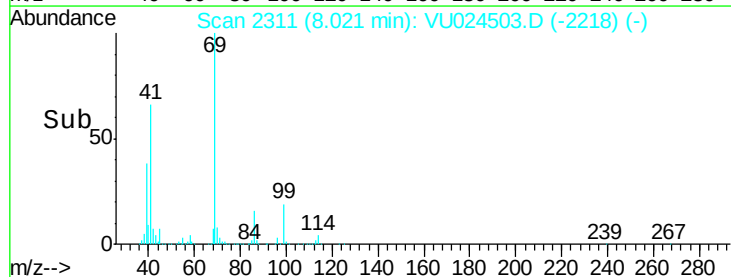
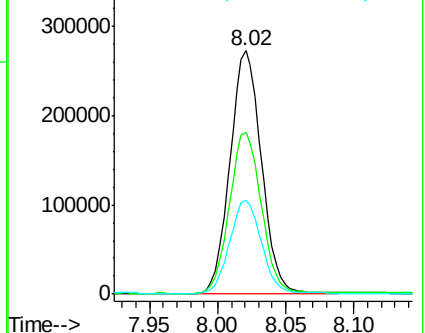
39 38.9 30.3 45.5

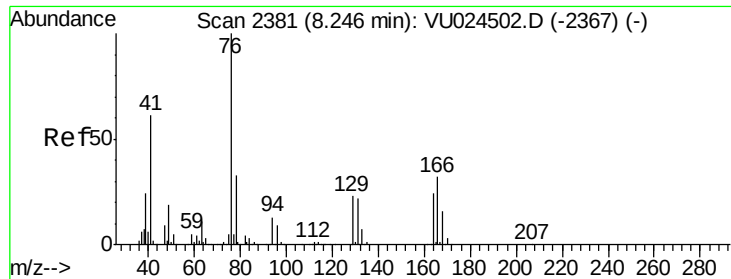


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

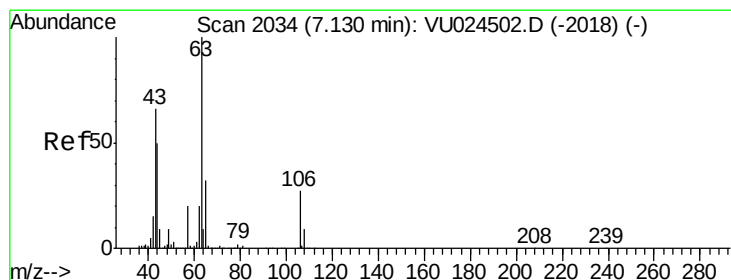
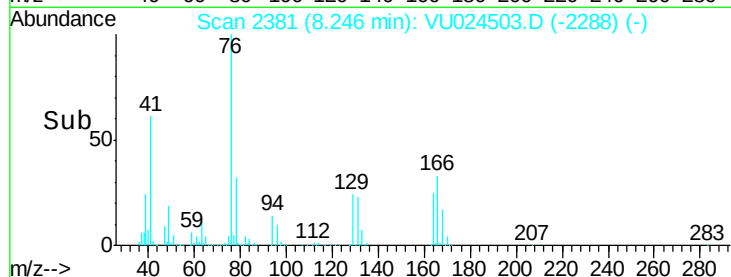
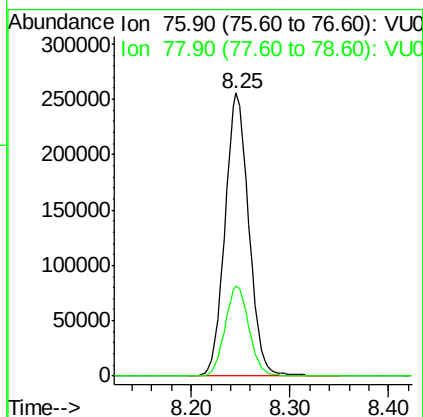
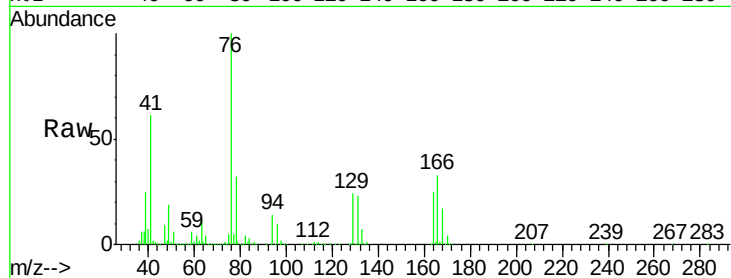




#57
 1,3-Dichloropropane
 Concen: 73.90 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

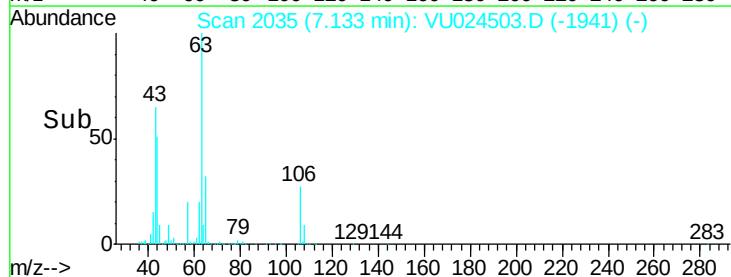
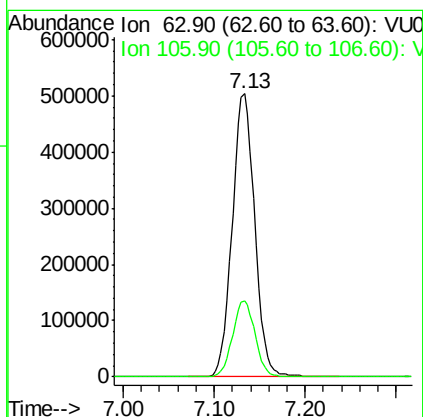
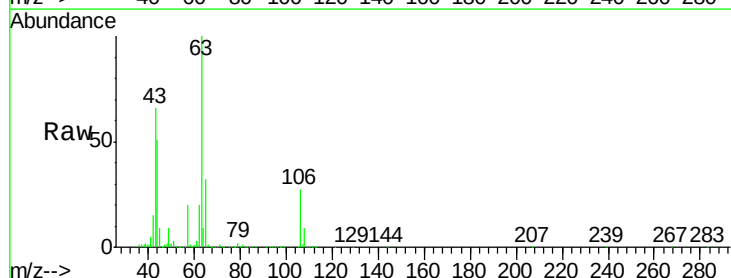
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

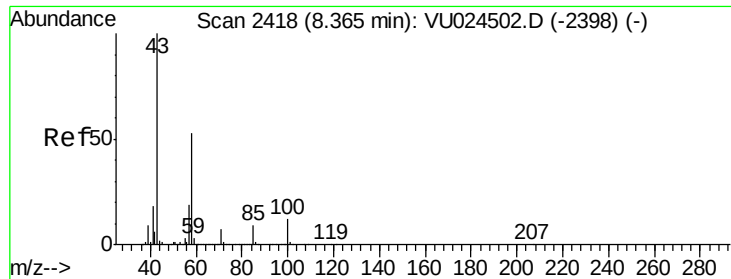
Tgt Ion: 76 Resp: 433449
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 378.03 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

Tgt Ion: 63 Resp: 865437
 Ion Ratio Lower Upper
 63 100
 106 27.0 20.2 30.2





#59

2-Hexanone

Concen: 383.76 ug/l

RT: 8.36 min Scan# 2418

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

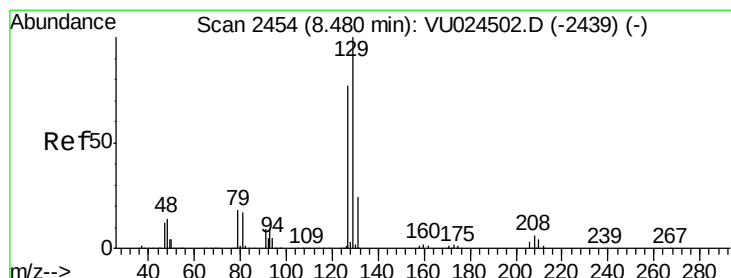
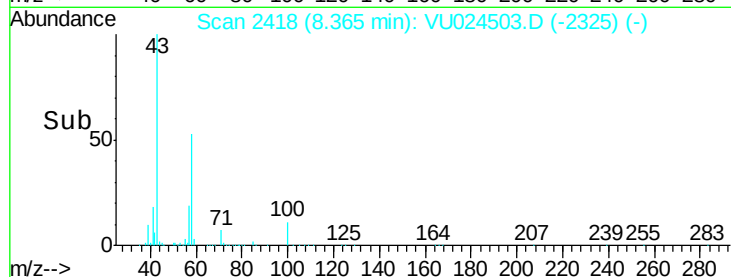
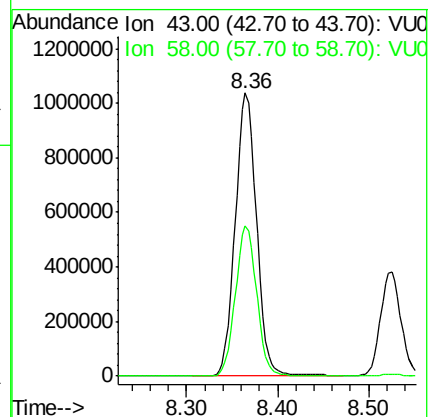
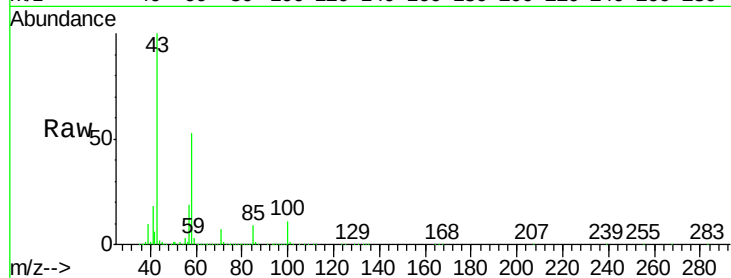
VSTDIC100

Tgt Ion: 43 Resp: 1683447

Ion Ratio Lower Upper

43 100

58 53.4 26.4 79.0



#60

Dibromochloromethane

Concen: 91.40 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU024503.D

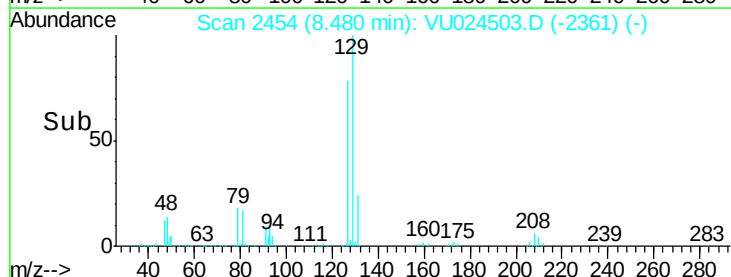
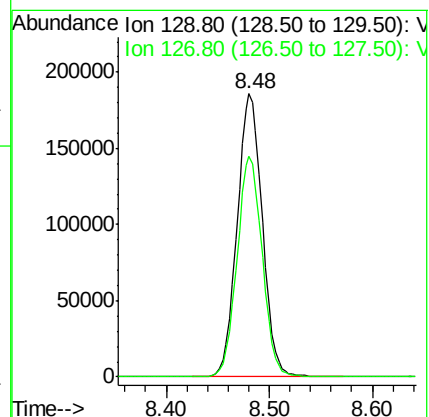
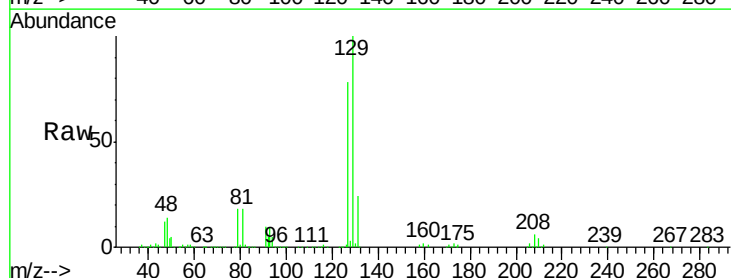
Acq: 13 Jun 2018 13:05

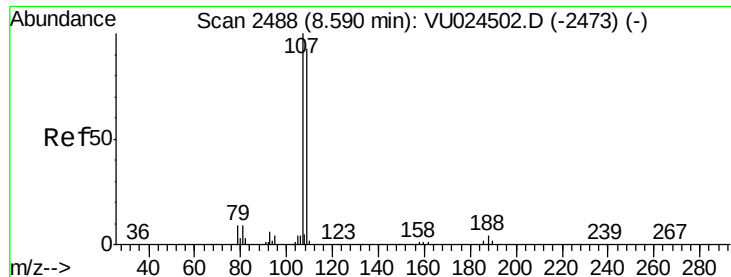
Tgt Ion: 129 Resp: 316738

Ion Ratio Lower Upper

129 100

127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 79.71 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

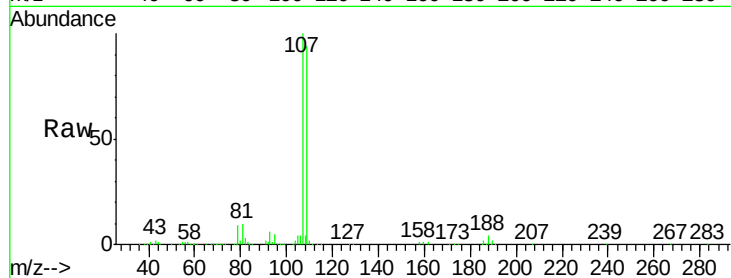
VSTDIC100

Tgt Ion: 107 Resp: 284733

Ion Ratio Lower Upper

107 100

109 93.7 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

200000

150000

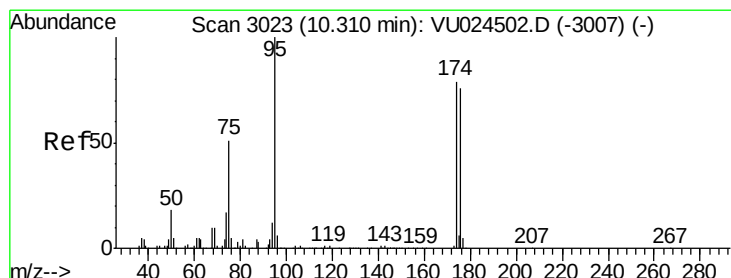
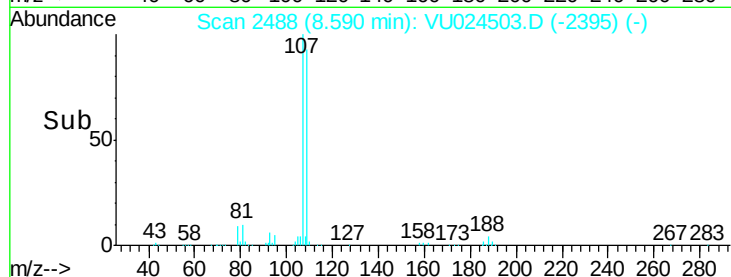
100000

50000

0

8.50 8.60 8.70

Time-->



#62

4-Bromofluorobenzene

Concen: 85.90 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

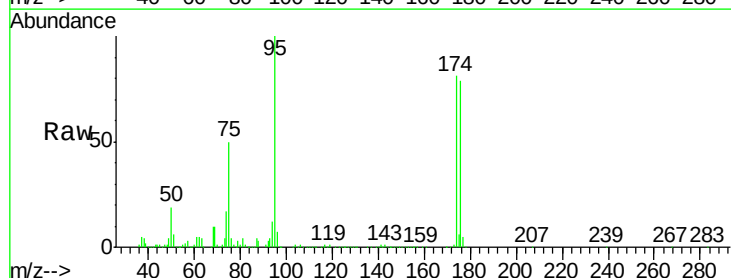
Tgt Ion: 95 Resp: 374746

Ion Ratio Lower Upper

95 100

174 81.7 0.0 165.8

176 78.9 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

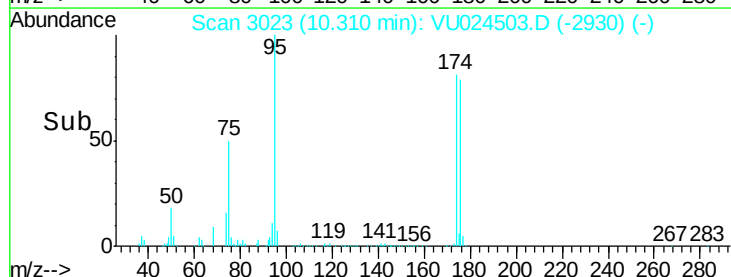
100000

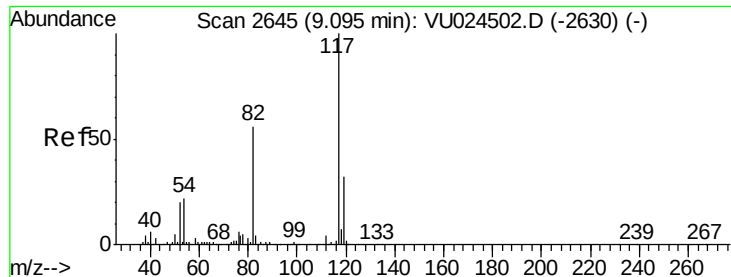
50000

0

10.20 10.30 10.40

Time-->

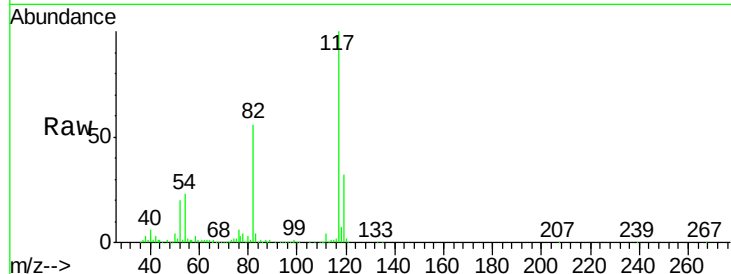




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.3	66.5
119	31.8	25.4	38.2

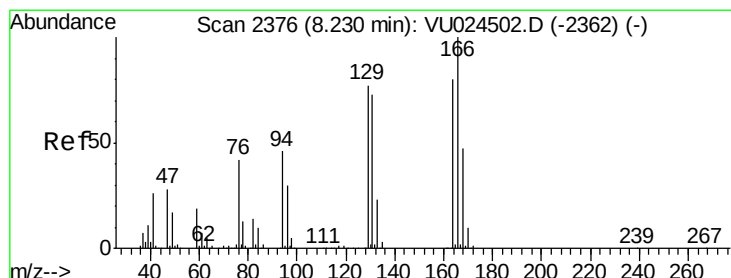
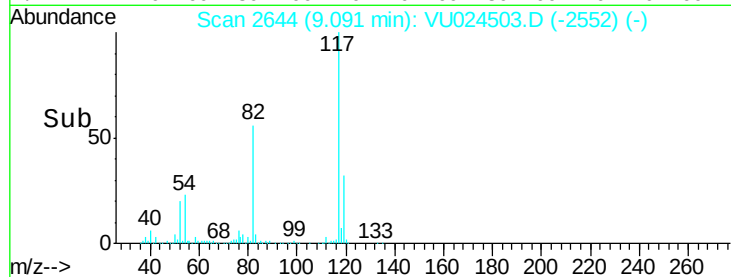
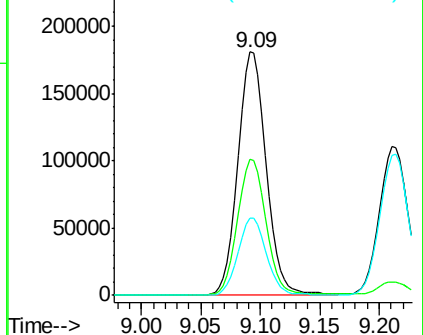


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 89.40 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.7	152.5
129	95.1	76.9	115.3
131	92.8	74.9	112.3

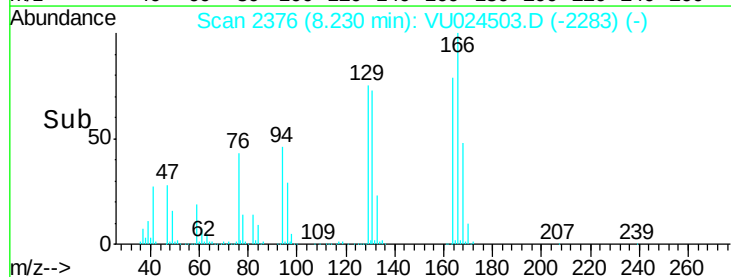
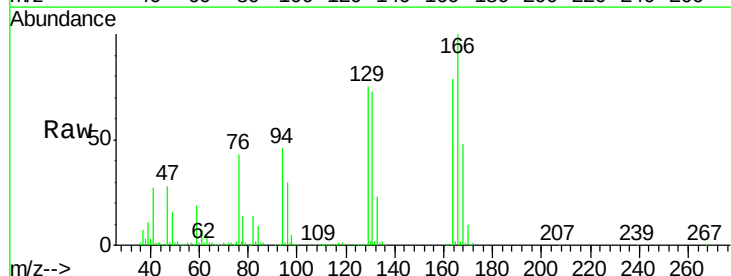
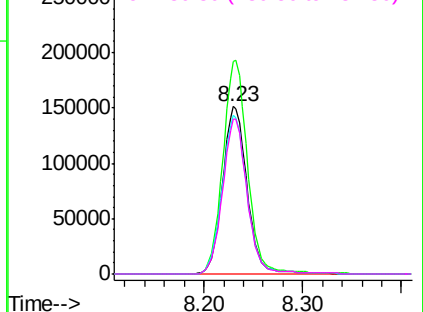
Abundance

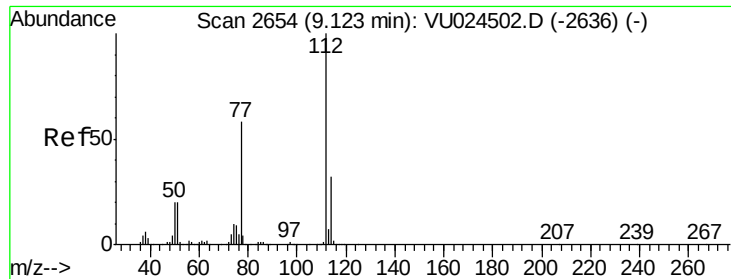
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

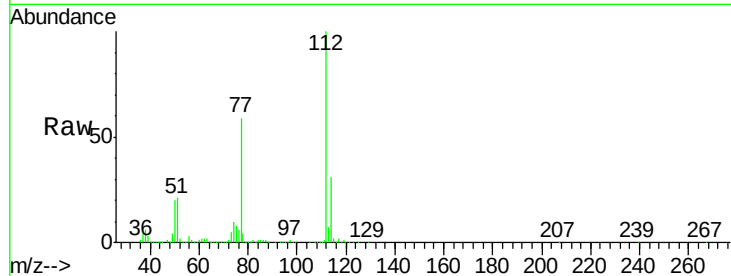




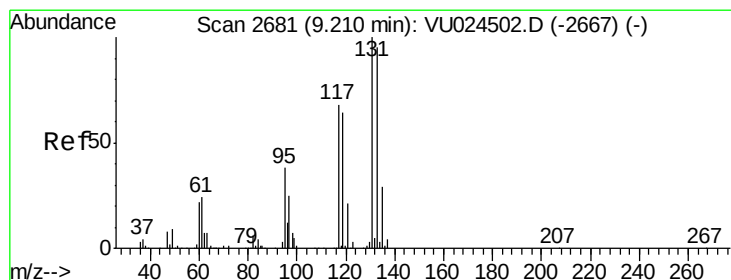
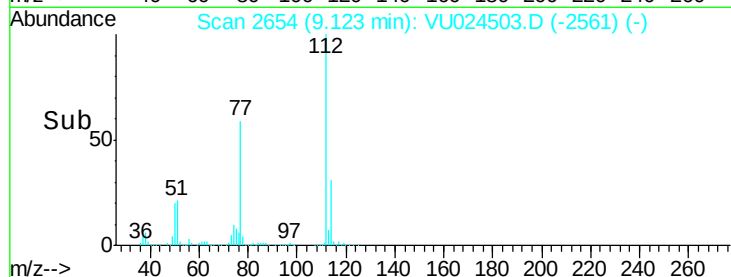
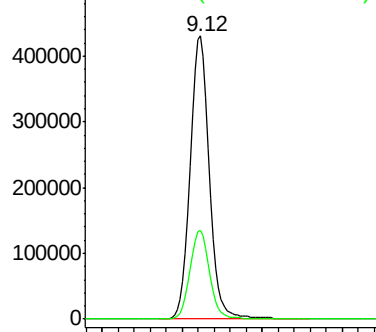
#65
Chlorobenzene
Concen: 82.38 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 717250
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4

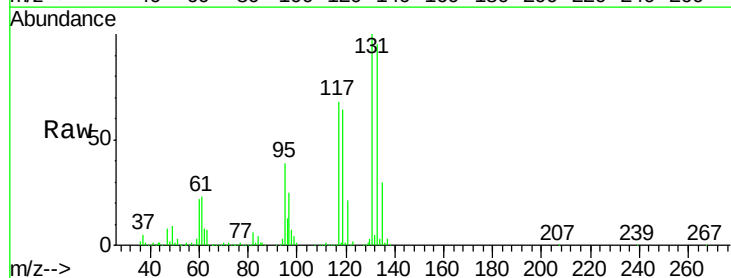


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

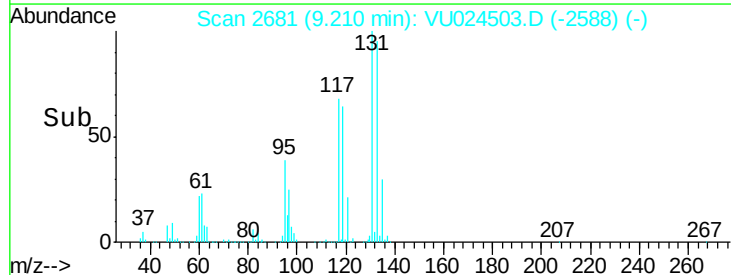
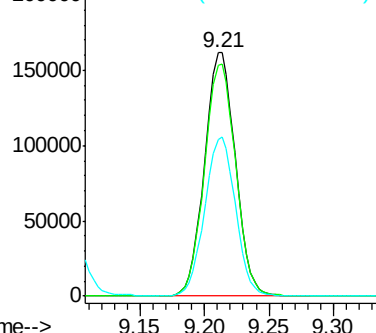


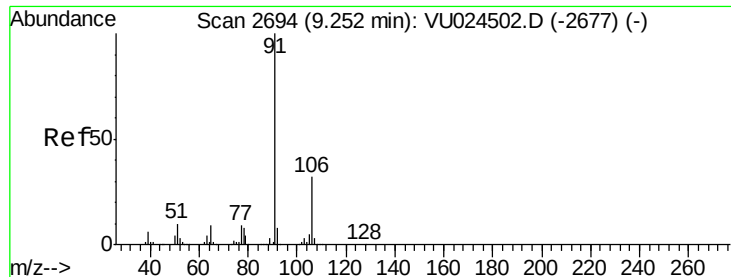
#66
1,1,1,2-Tetrachloroethane
Concen: 89.95 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion:131 Resp: 268812
Ion Ratio Lower Upper
131 100
133 96.7 46.9 140.8
119 64.8 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

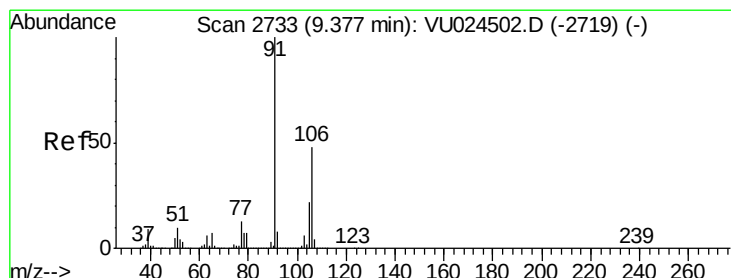
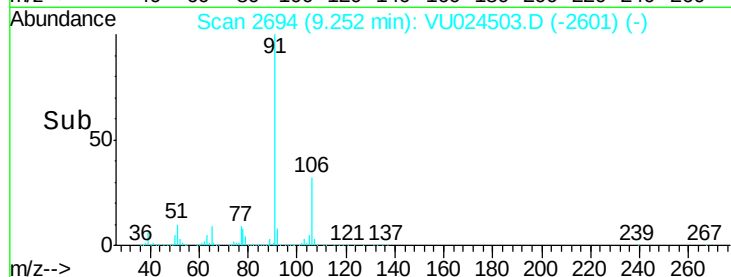
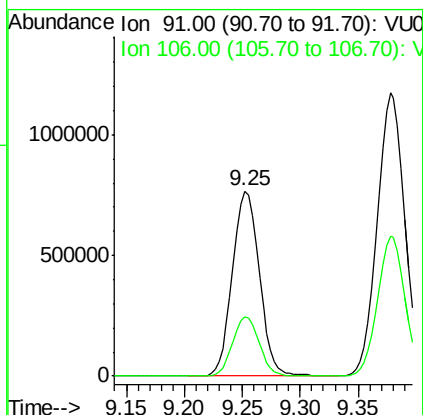
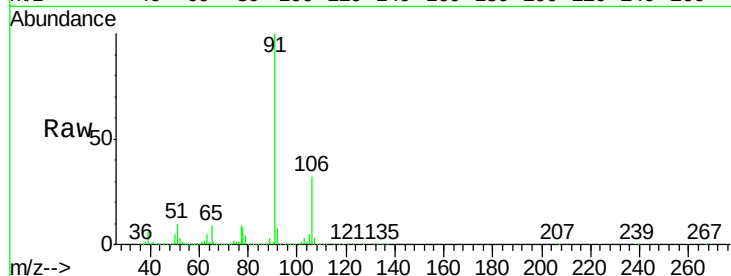




#67
 Ethyl Benzene
 Concen: 88.15 ug/l
 RT: 9.25 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

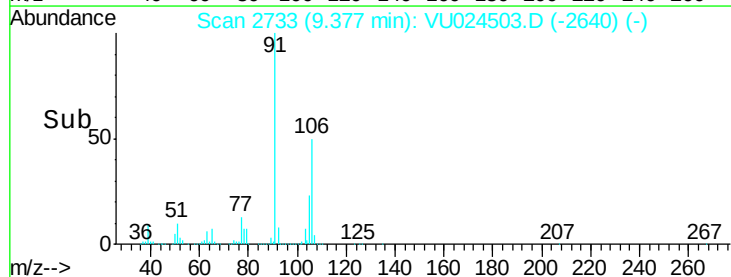
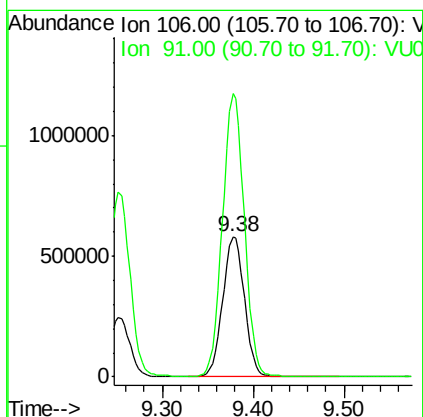
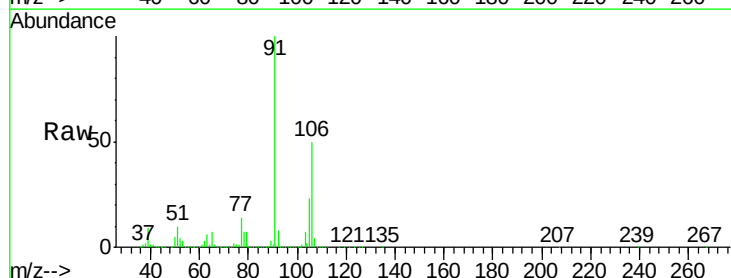
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

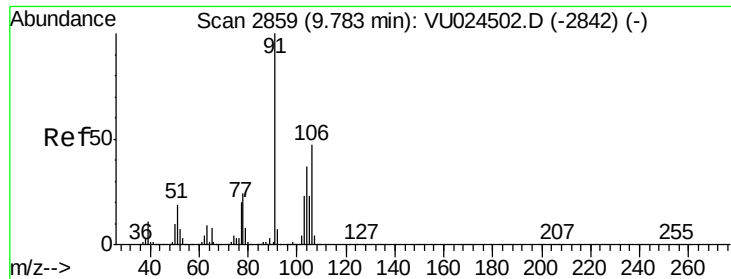
Tgt Ion: 91 Resp: 1237463
 Ion Ratio Lower Upper
 91 100
 106 32.2 24.2 36.4



#68
 m/p-Xylenes
 Concen: 180.35 ug/l
 RT: 9.38 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

Tgt Ion: 106 Resp: 964415
 Ion Ratio Lower Upper
 106 100
 91 202.8 166.5 249.7

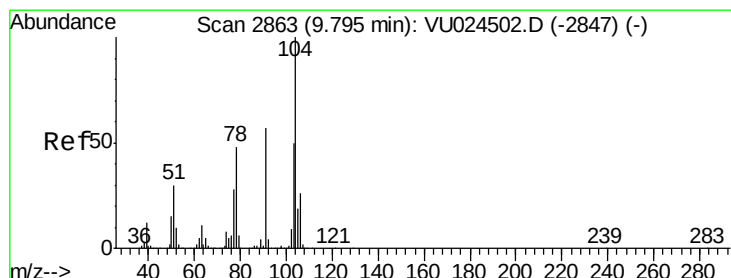
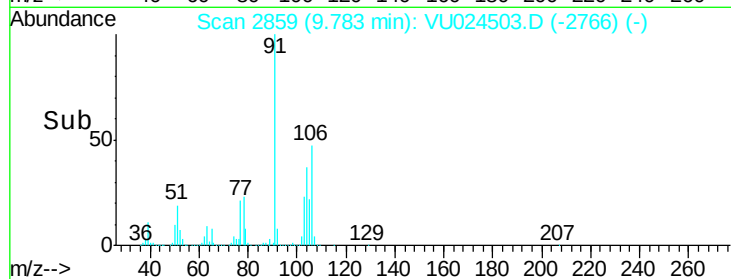
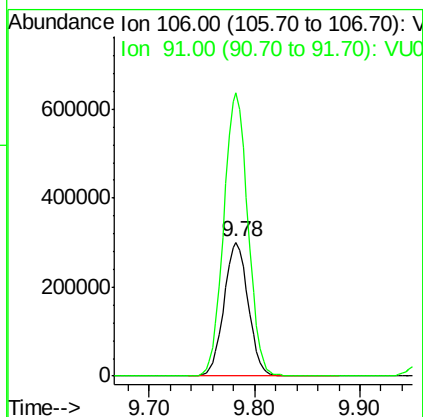
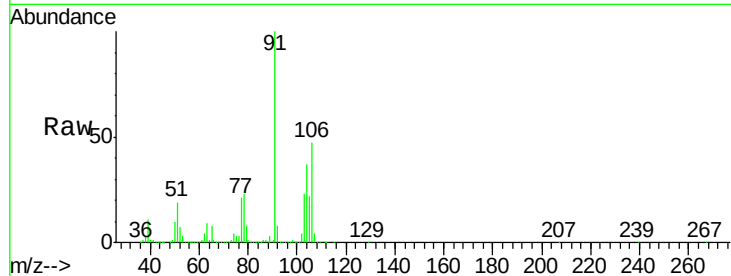




#69
o-Xylene
Concen: 96.84 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

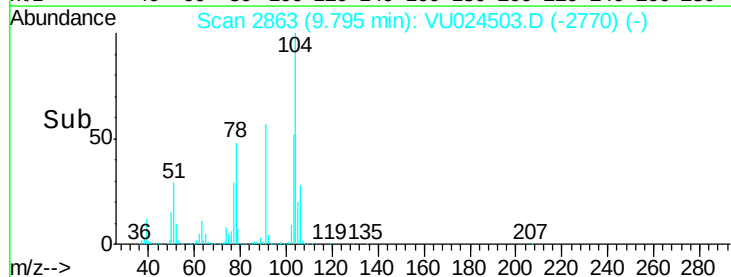
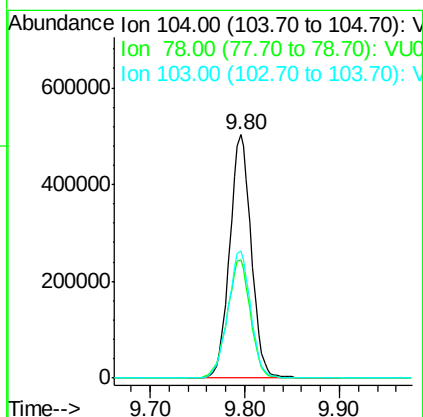
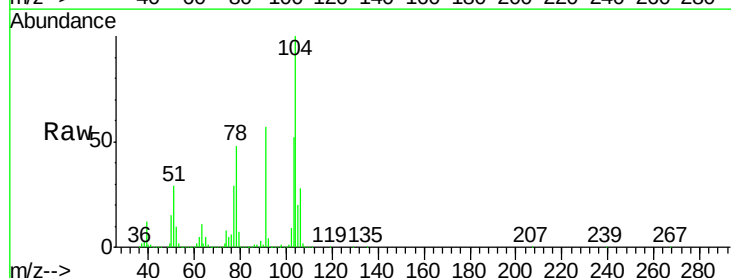
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

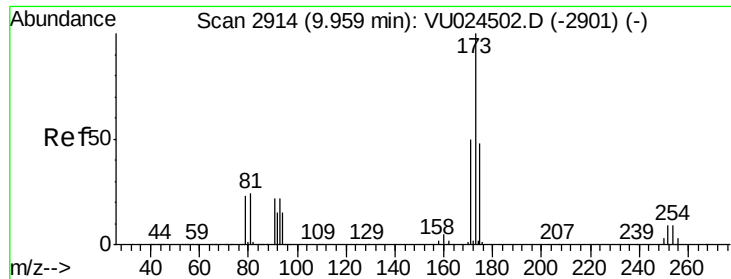
Tgt Ion:106 Resp: 477305
Ion Ratio Lower Upper
106 100
91 211.3 110.7 331.9



#70
Styrene
Concen: 94.89 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion:104 Resp: 796335
Ion Ratio Lower Upper
104 100
78 52.4 40.6 60.8
103 55.2 44.7 67.1





#71

Bromoform

Concen: 102.13 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

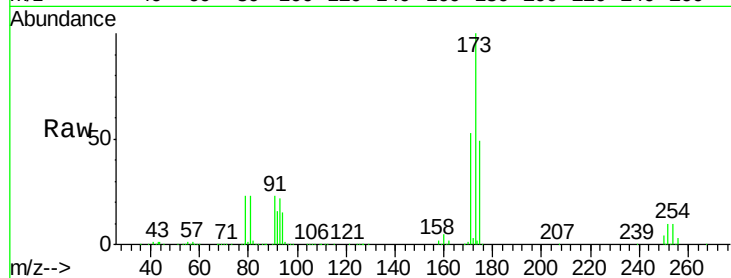
Tgt Ion:173 Resp: 263429

Ion Ratio Lower Upper

173 100

175 49.4 24.6 74.0

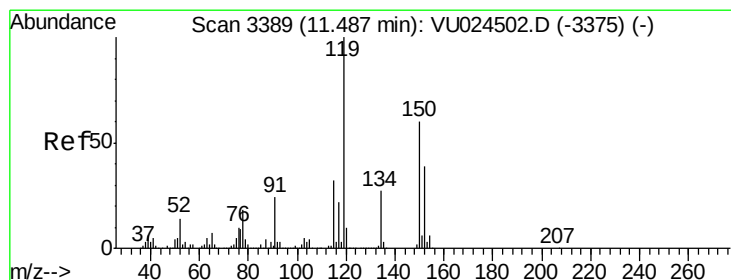
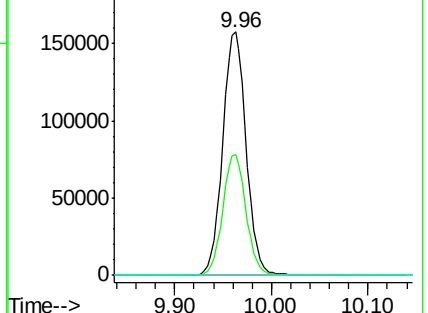
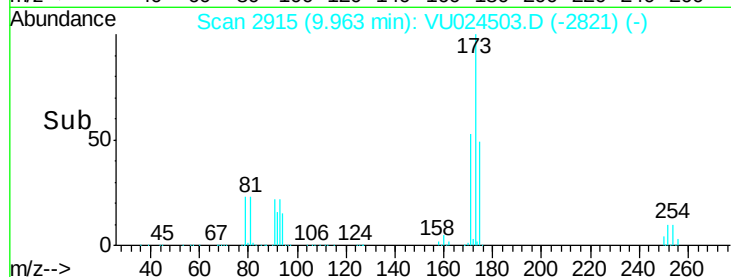
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

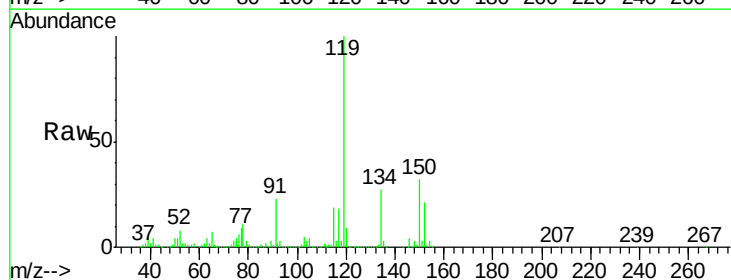
Tgt Ion:152 Resp: 187056

Ion Ratio Lower Upper

152 100

115 105.8 43.0 129.0

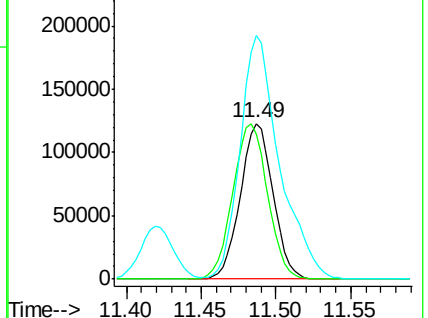
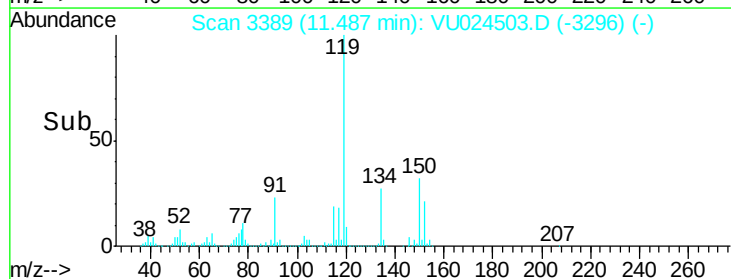
150 188.6 0.0 354.0

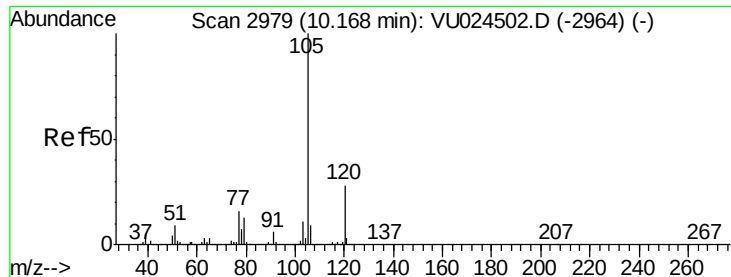


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 98.40 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

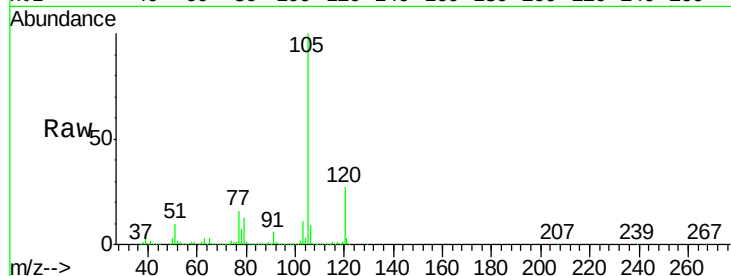
VSTDIC100

Tgt Ion:105 Resp: 1268995

Ion Ratio Lower Upper

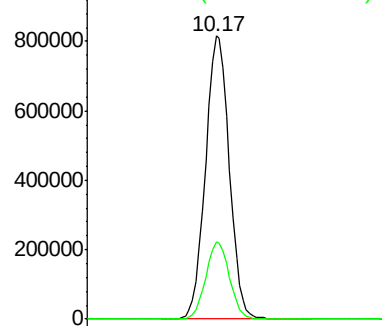
105 100

120 27.2 13.2 39.6

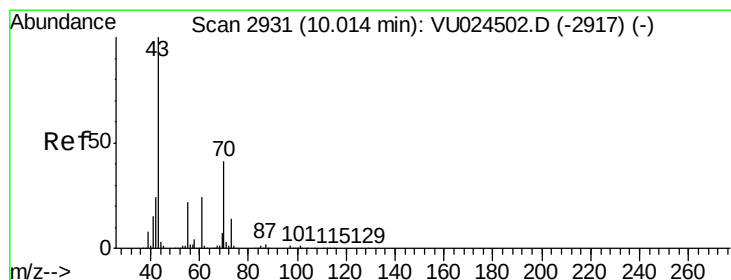
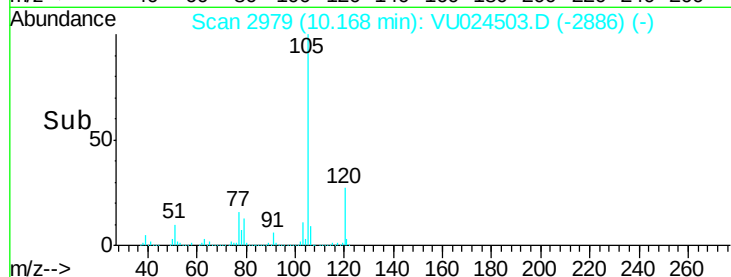


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 107.38 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Tgt Ion: 43 Resp: 626772

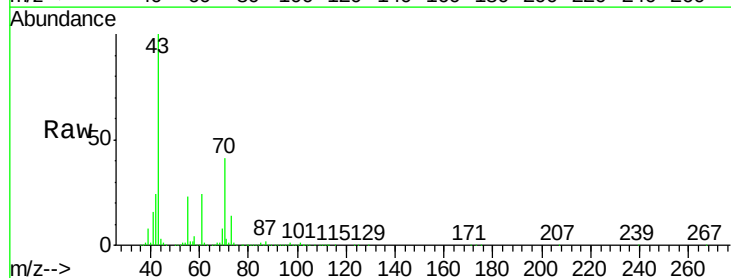
Ion Ratio Lower Upper

43 100

70 40.7 32.2 48.4

55 22.2 20.5 30.7

61 24.2 18.7 28.1

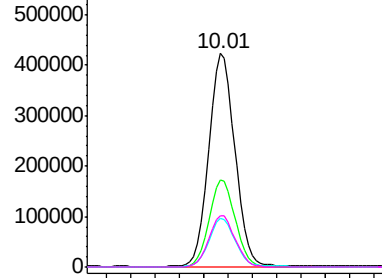


Abundance Ion 43.00 (42.70 to 43.70): VU0

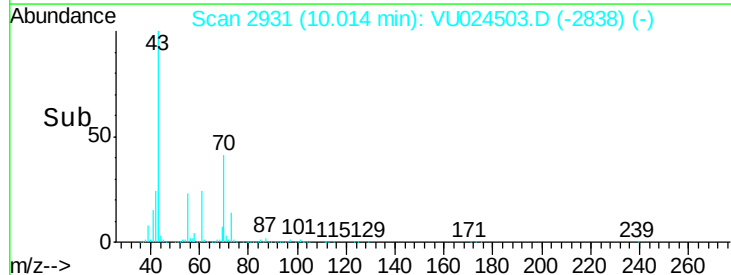
Ion 70.00 (69.70 to 70.70): VU0

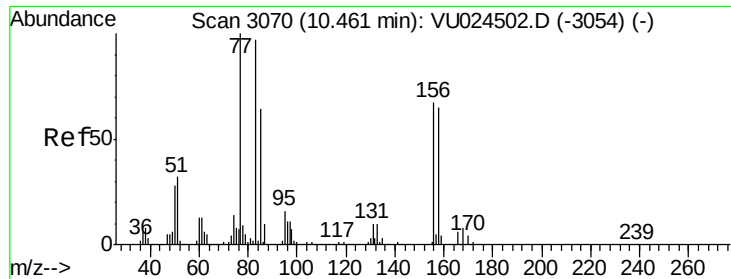
Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 76.68 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

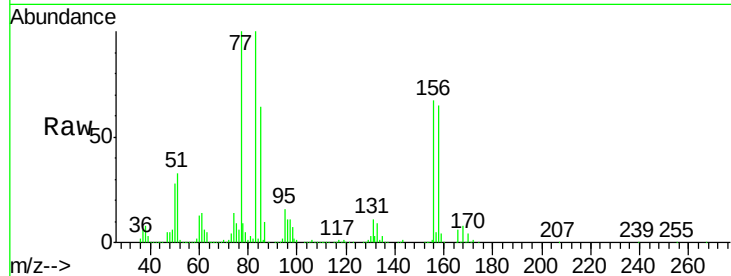
Tgt Ion: 83 Resp: 428904

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

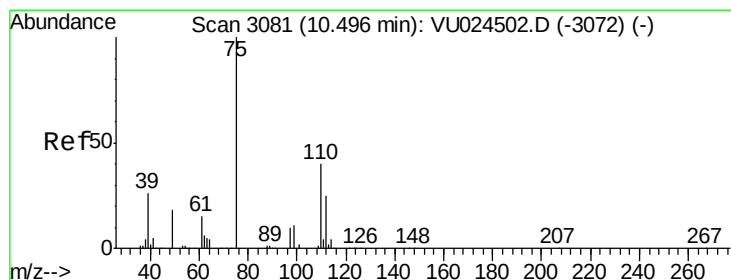
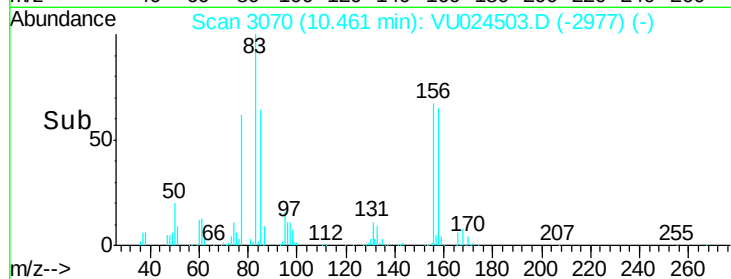
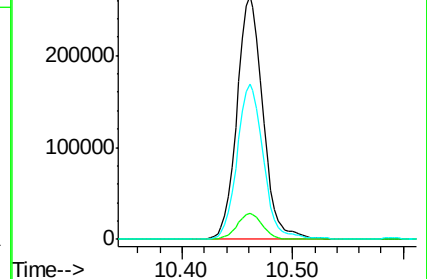
85 64.8 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024503.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024503.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024503.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 139.66 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024503.D

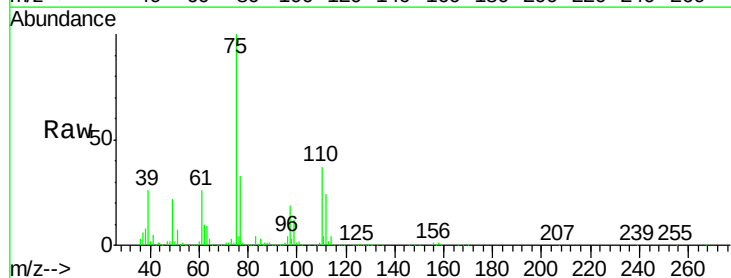
Acq: 13 Jun 2018 13:05

Tgt Ion: 75 Resp: 547927

Ion Ratio Lower Upper

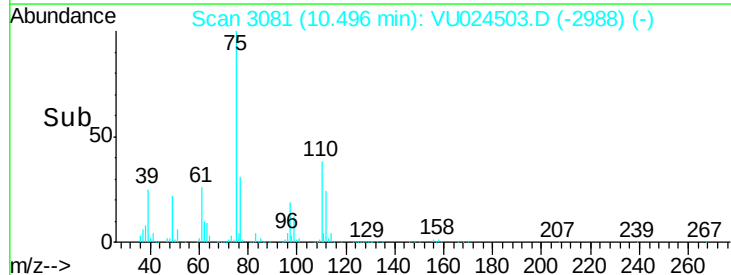
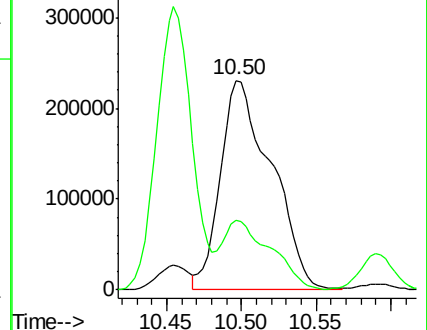
75 100

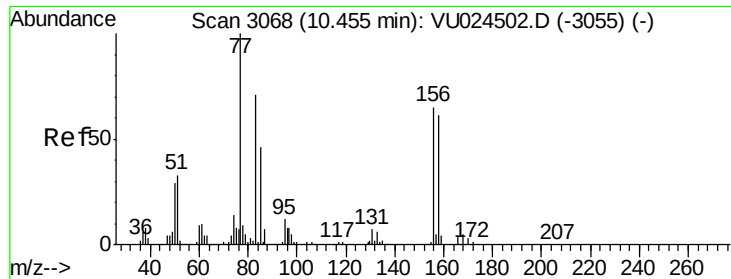
77 30.4 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024503.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024503.D (-2988) (-)

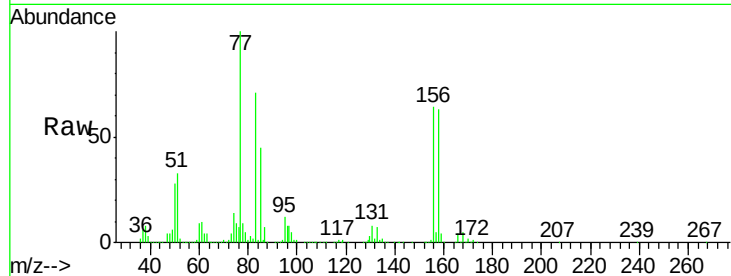




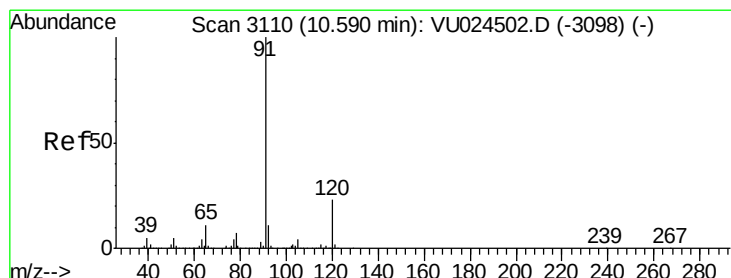
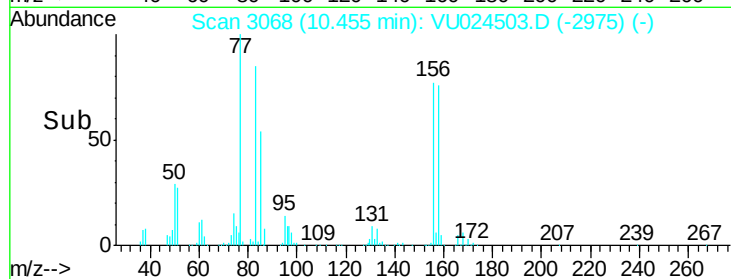
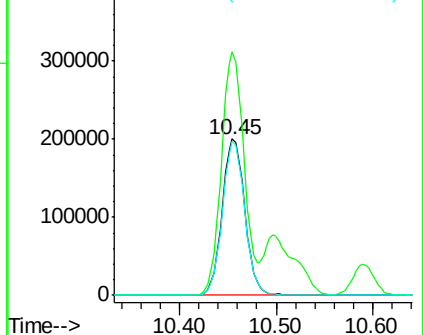
#77
Bromobenzene
Concen: 91.18 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 325578
Ion Ratio Lower Upper
156 100
77 155.6 80.5 241.3
158 97.4 48.2 144.6

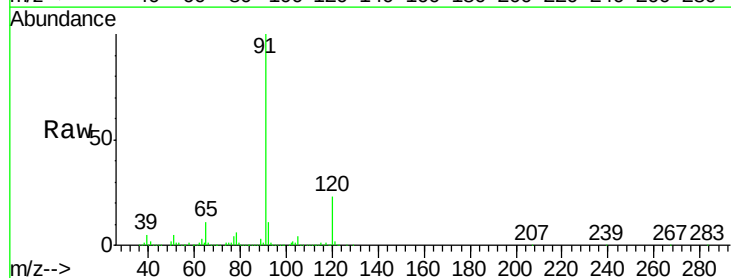


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VU0
Ion 157.80 (157.50 to 158.50): V

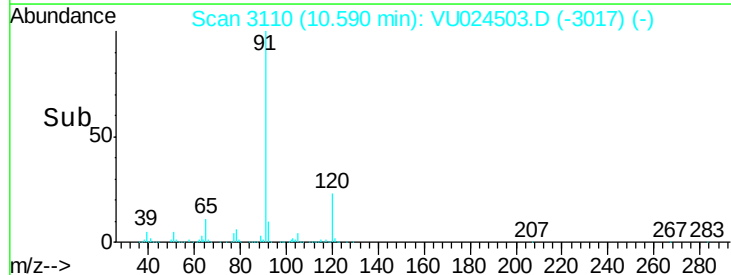
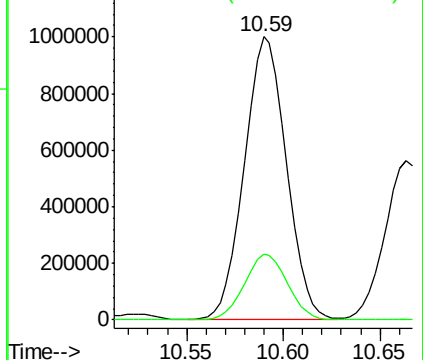


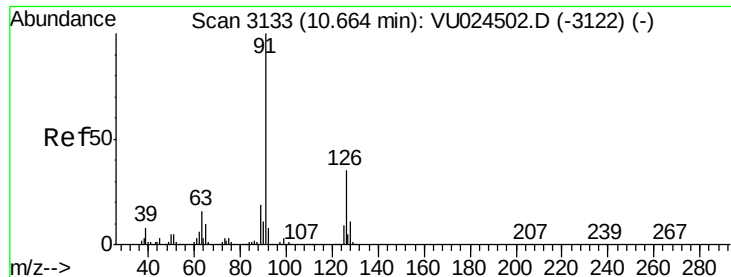
#78
n-propylbenzene
Concen: 94.55 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion: 91 Resp: 1511726
Ion Ratio Lower Upper
91 100
120 23.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 90.95 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024503.D

Acq: 13 Jun 2018 13:05

Instrument :

MSVOA_U

ClientSampleId :

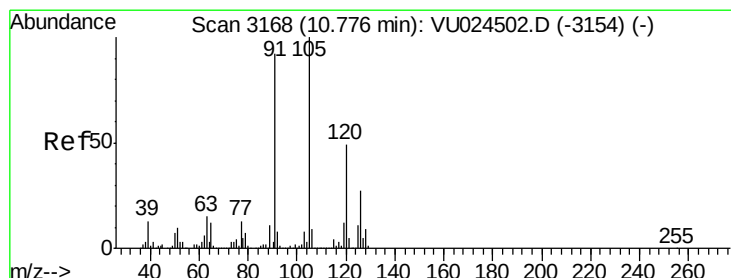
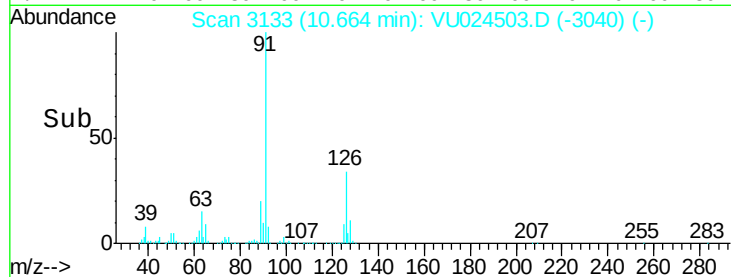
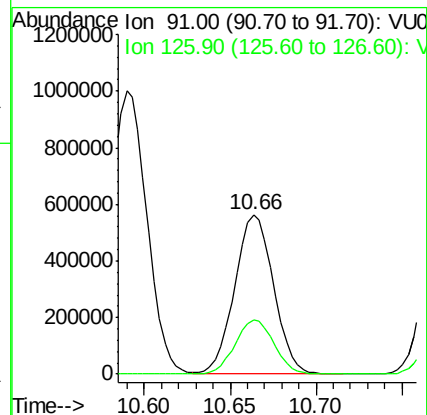
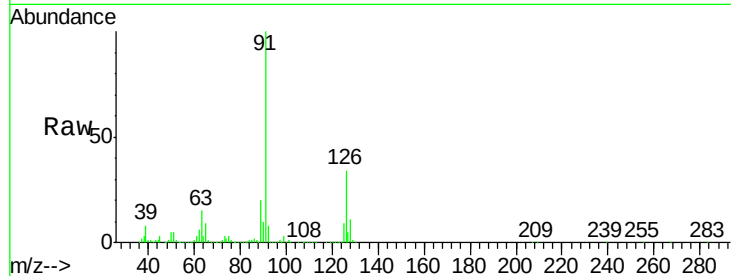
VSTDIC100

Tgt Ion: 91 Resp: 882619

Ion Ratio Lower Upper

91 100

126 34.6 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 100.40 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024503.D

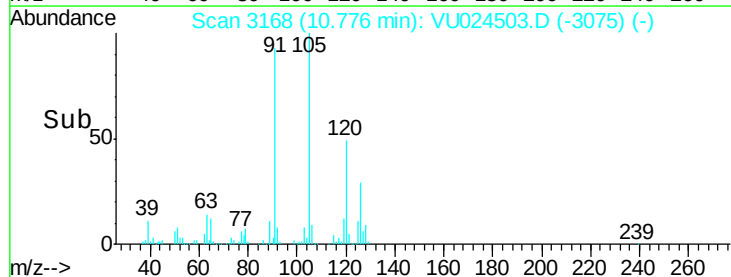
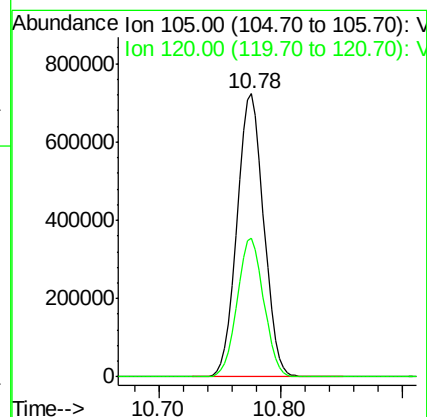
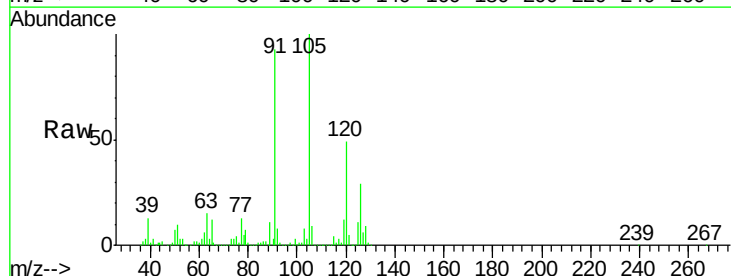
Acq: 13 Jun 2018 13:05

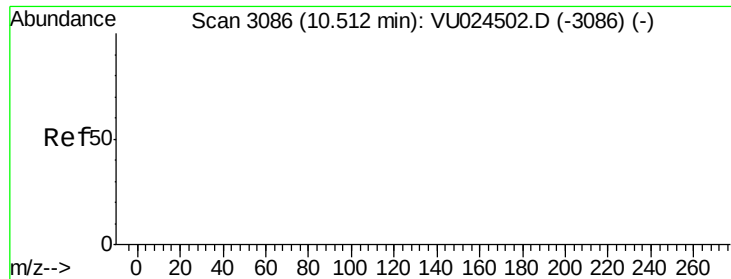
Tgt Ion: 105 Resp: 1097973

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2

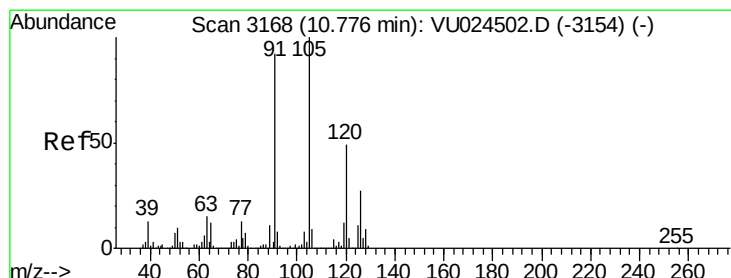
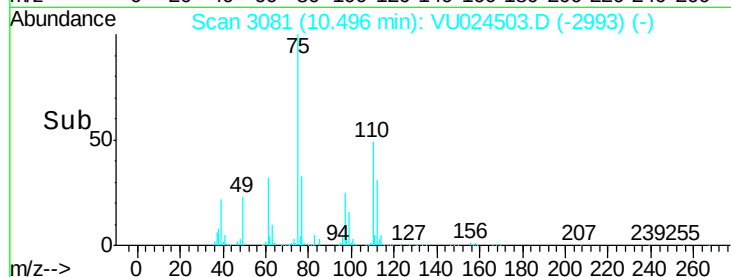
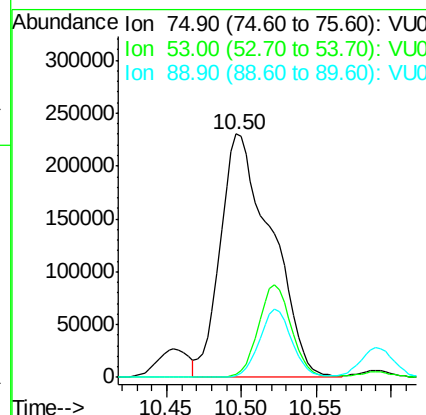
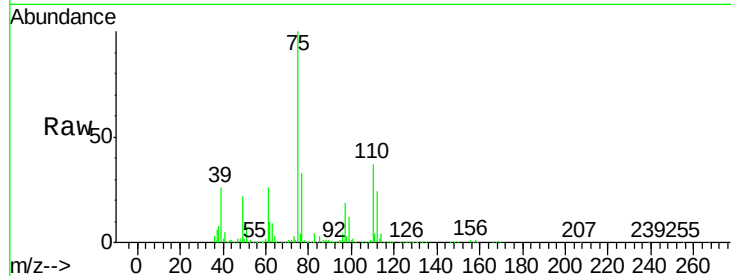




#81
trans-1,4-Dichloro-2-butene
Concen: 296.27 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

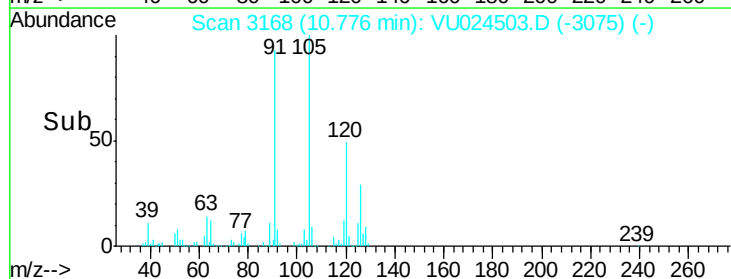
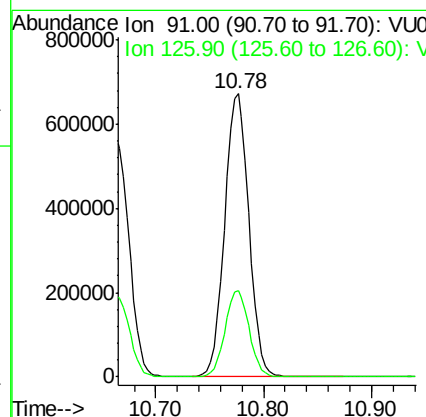
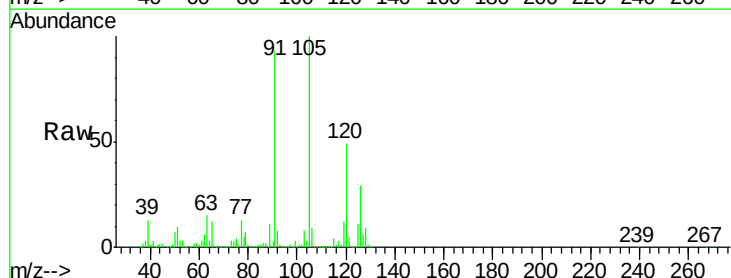
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

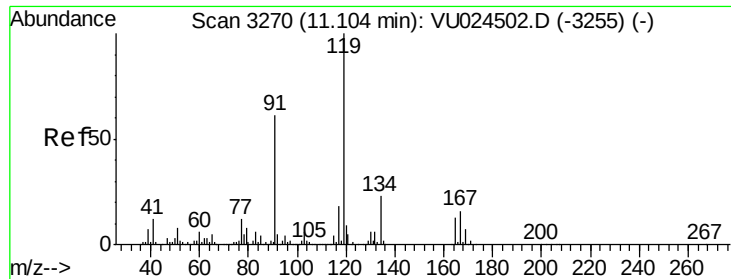
Tgt Ion: 75 Resp: 547927
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 92.60 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion: 91 Resp: 1042536
Ion Ratio Lower Upper
91 100
126 30.4 14.9 44.9

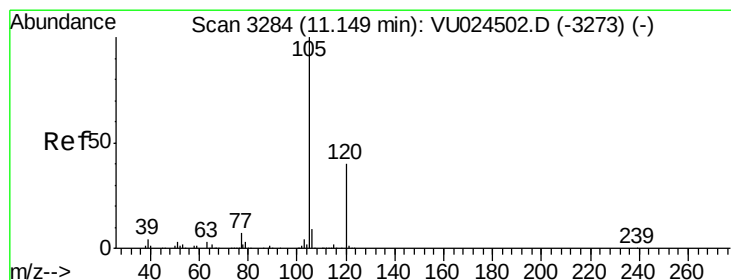
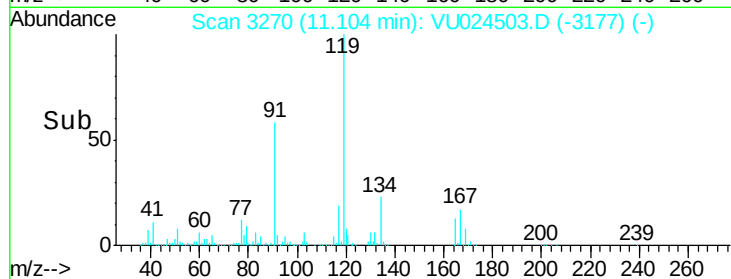
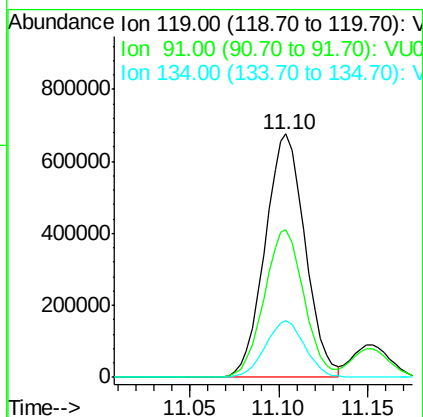
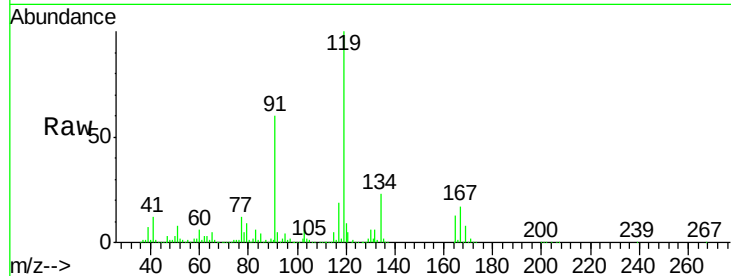




#83
 tert-Butylbenzene
 Concen: 99.86 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

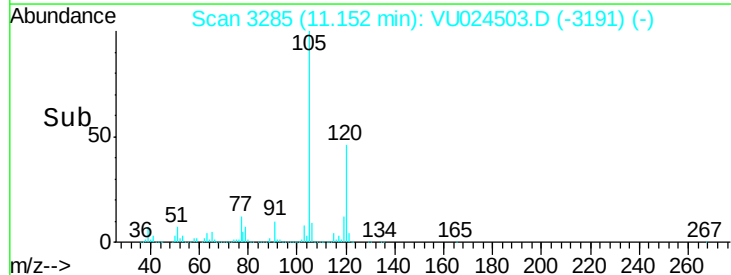
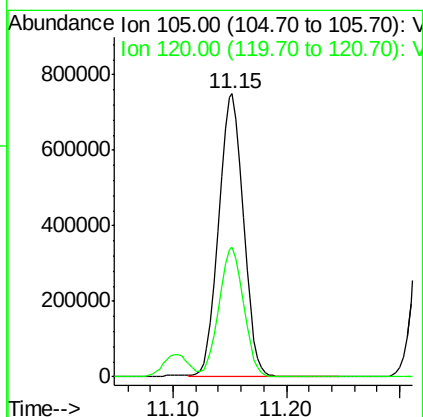
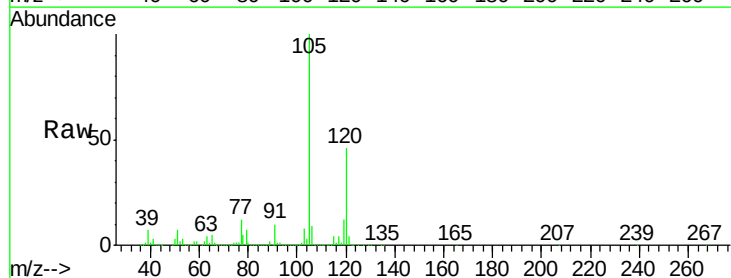
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

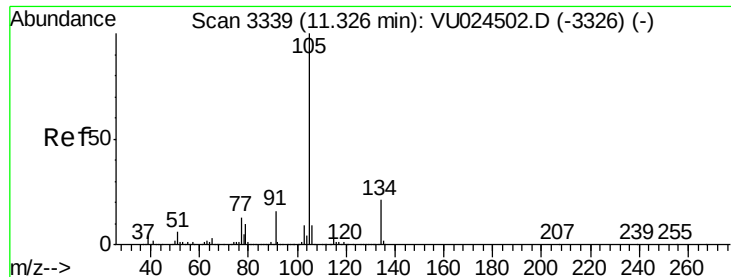
Tgt Ion:119 Resp: 1063086
 Ion Ratio Lower Upper
 119 100
 91 60.3 29.7 89.1
 134 22.9 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 103.14 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

Tgt Ion:105 Resp: 1139797
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.6 67.8

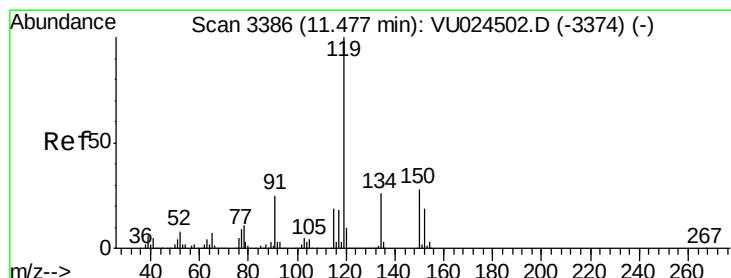
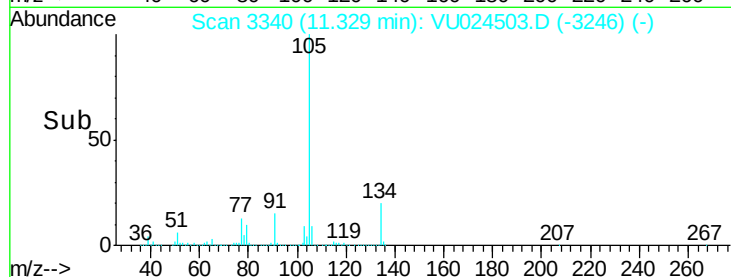
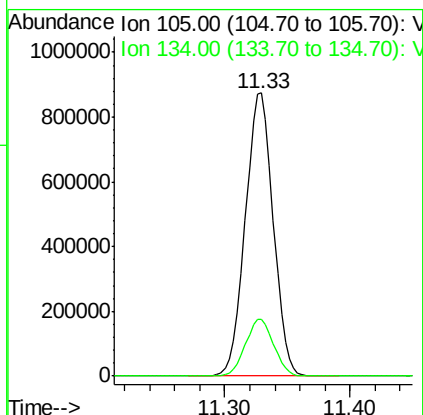
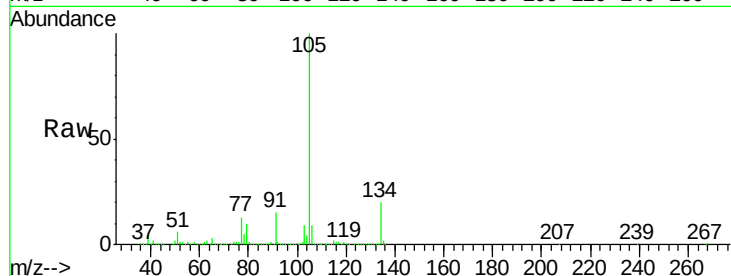




#85
 sec-Butylbenzene
 Concen: 101.05 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

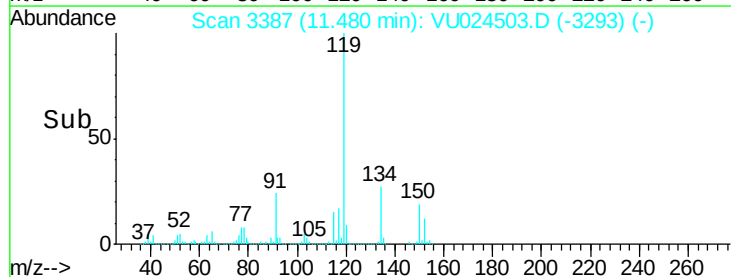
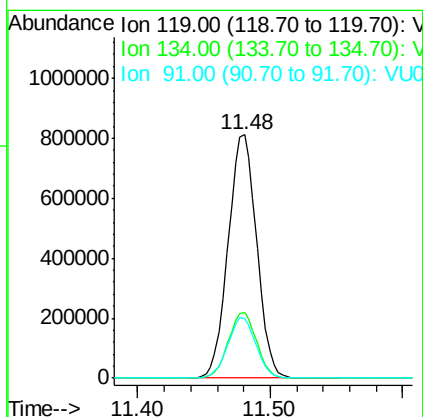
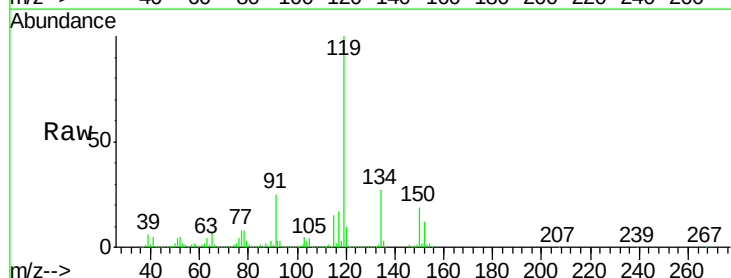
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

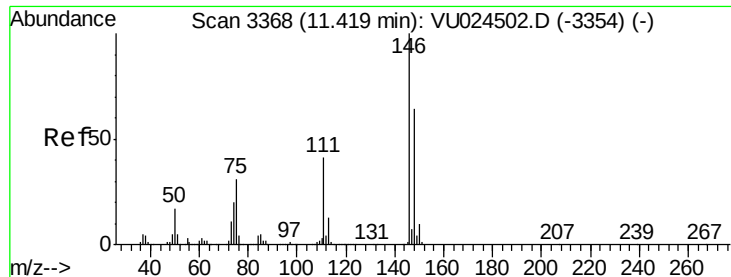
Tgt Ion:105 Resp: 1350654
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 102.42 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

Tgt Ion:119 Resp: 1209844
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.6
 91 24.5 12.0 36.1

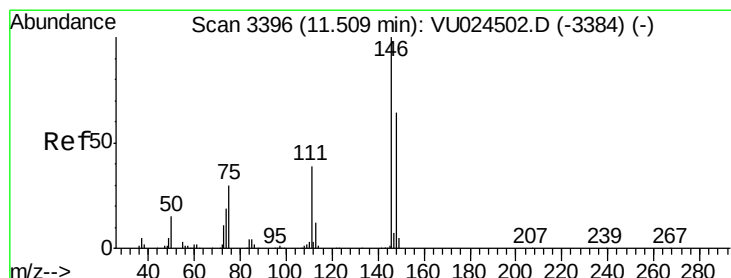
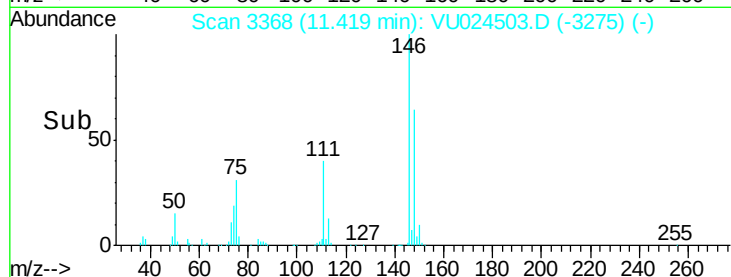
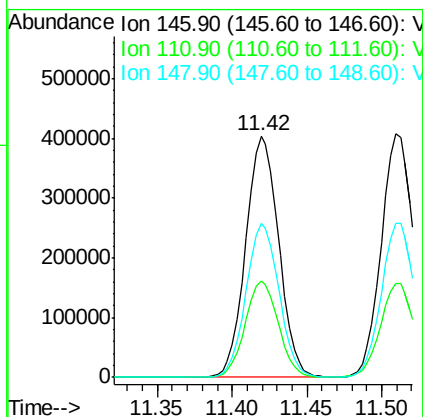
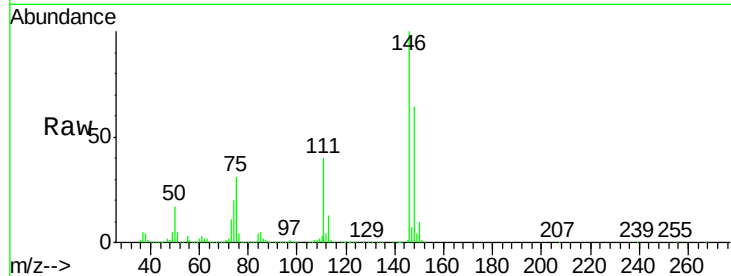




#87
 1,3-Dichlorobenzene
 Concen: 90.51 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

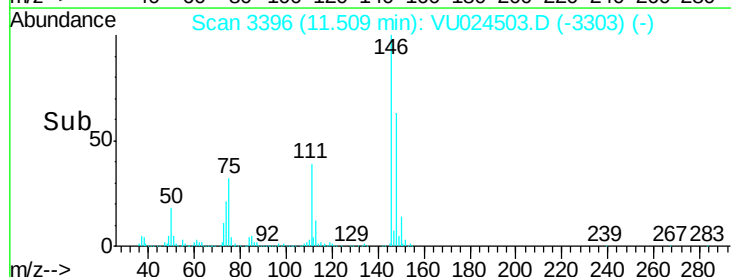
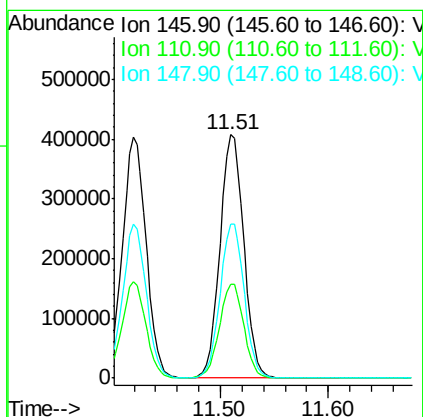
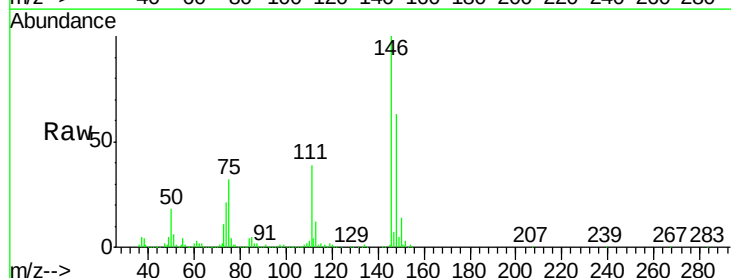
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

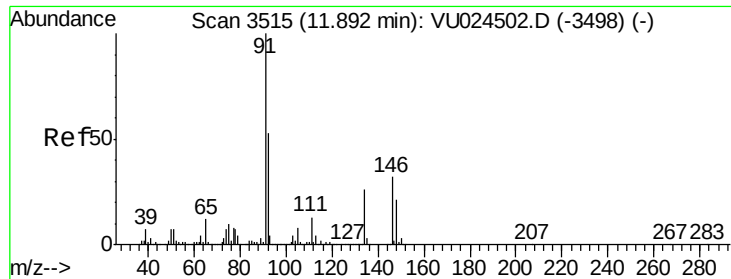
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	63.8	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 86.97 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	64.0	32.4	97.0

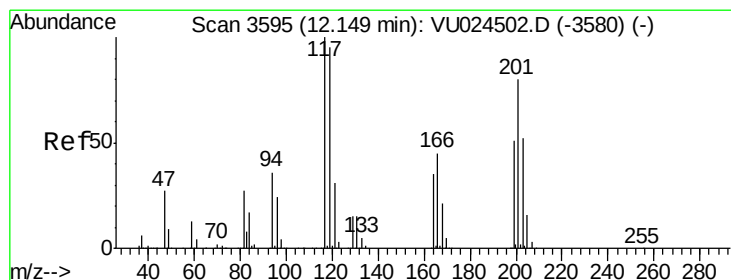
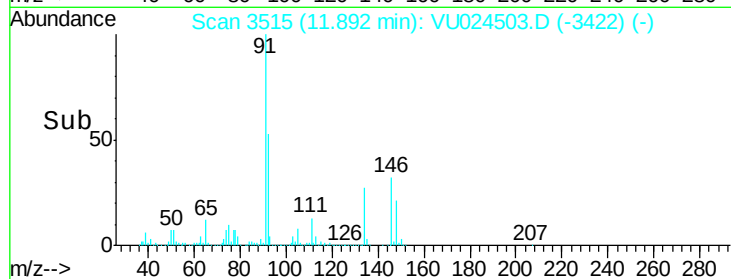
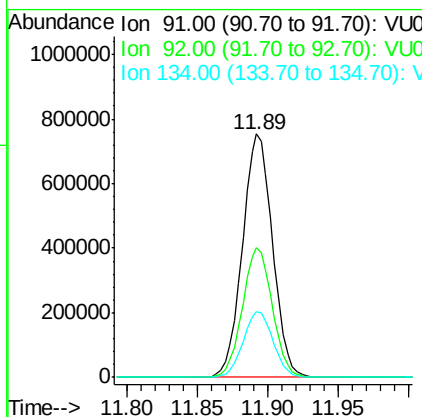
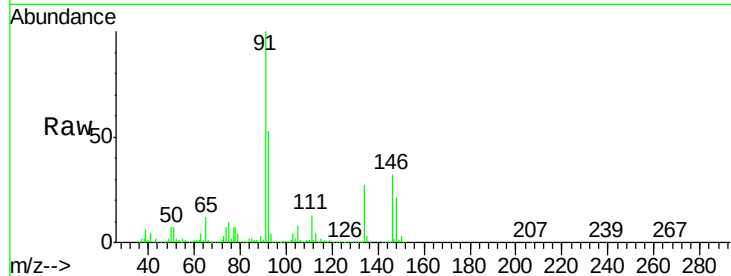




#89
n-Butylbenzene
Concen: 96.39 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

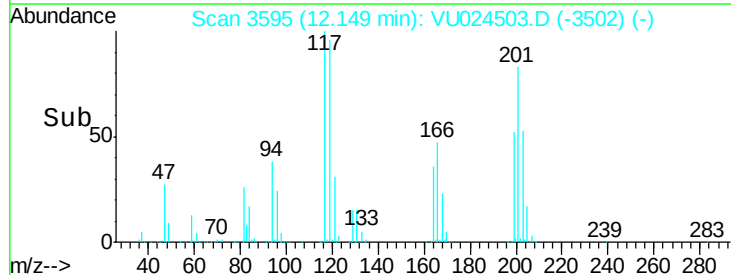
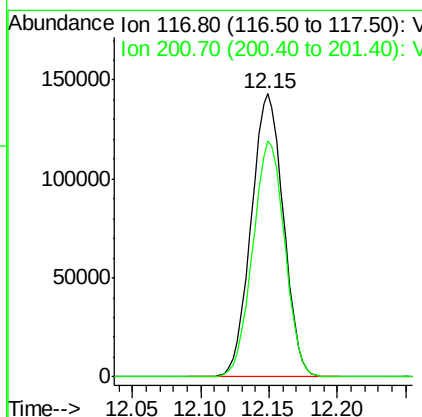
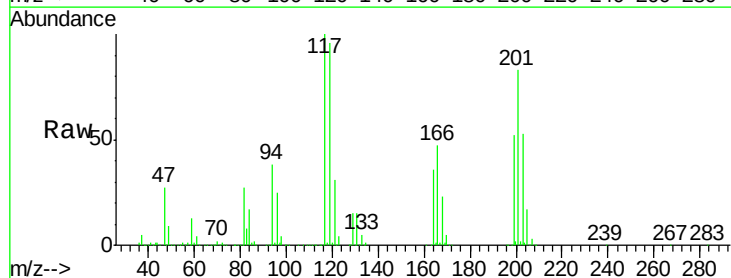
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

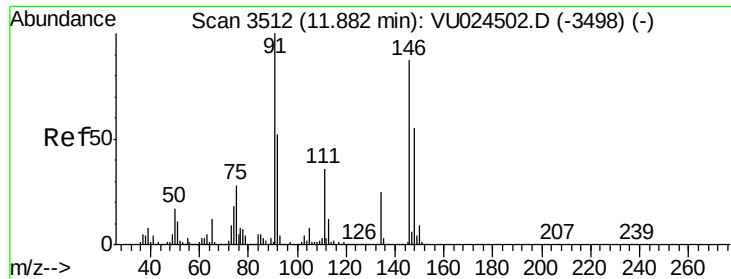
Tgt Ion: 91 Resp: 1120305
Ion Ratio Lower Upper
91 100
92 53.0 25.6 76.8
134 27.1 12.3 36.8



#90
Hexachloroethane
Concen: 110.86 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion: 117 Resp: 234761
Ion Ratio Lower Upper
117 100
201 82.6 41.1 123.3

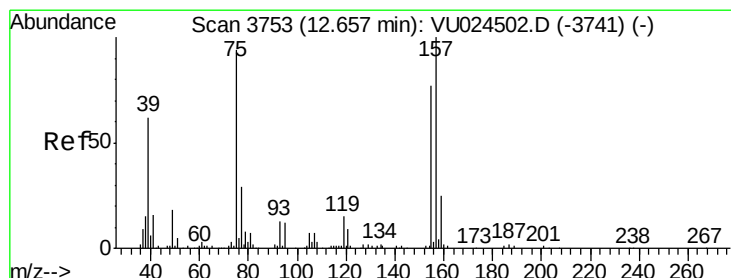
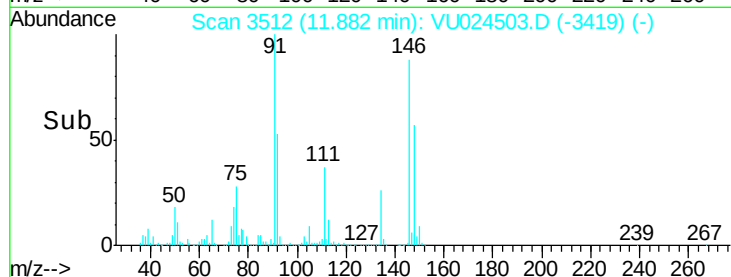
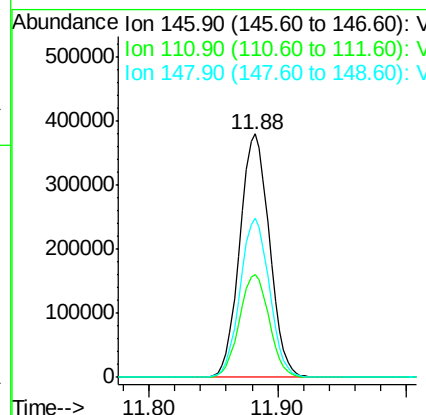
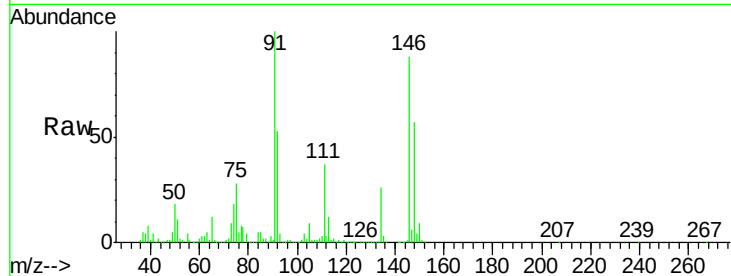




#91
 1,2-Dichlorobenzene
 Concen: 88.79 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

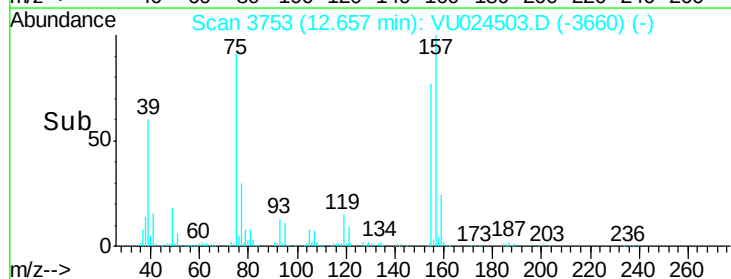
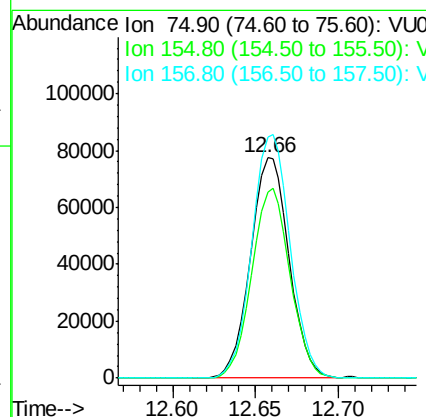
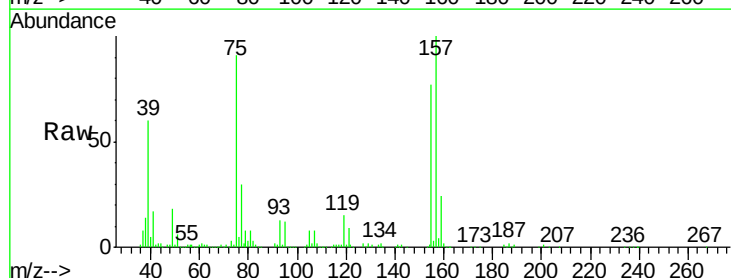
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

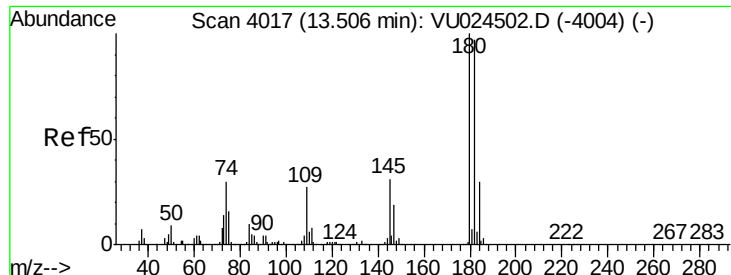
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.5	61.6
148	64.6	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 109.94 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	40.4	121.2
157	109.7	52.3	156.8

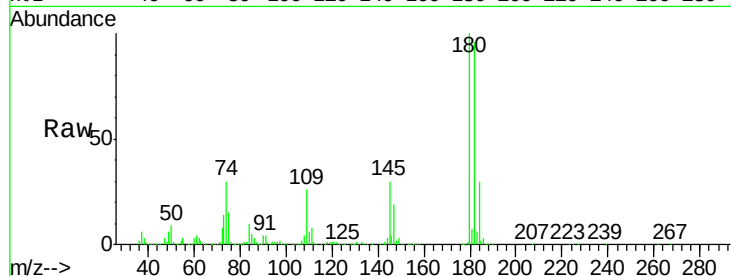




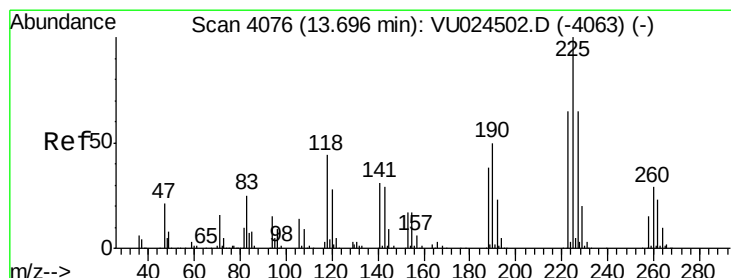
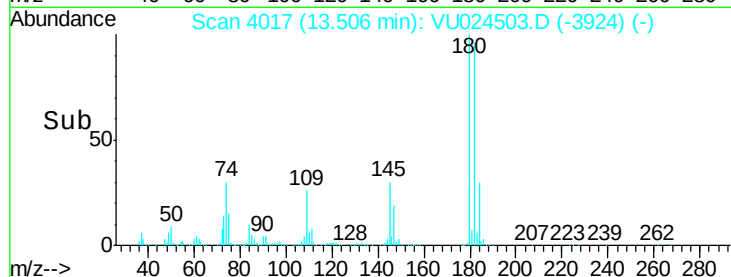
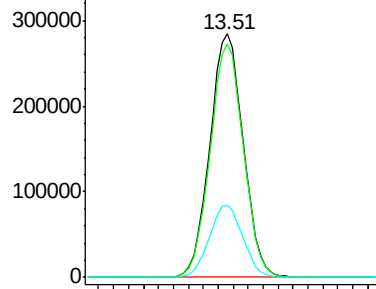
#93
 1,2,4-Trichlorobenzene
 Concen: 108.93 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 441586
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.0 144.2
 145 29.9 14.7 44.1

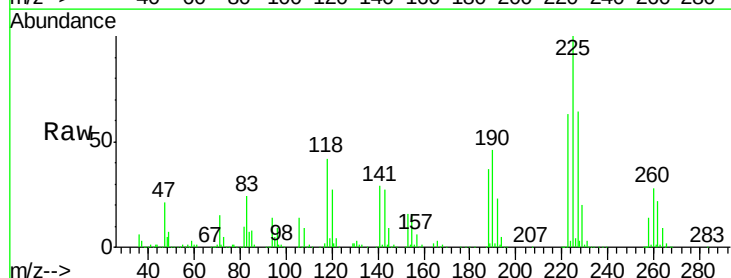


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

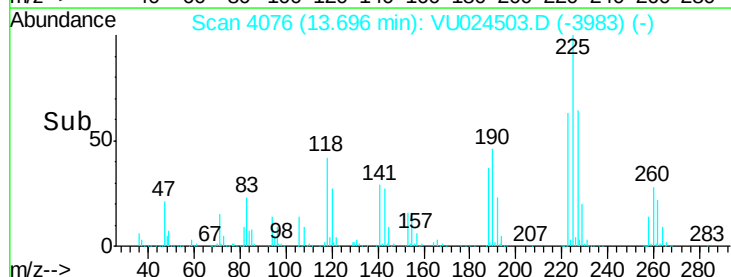
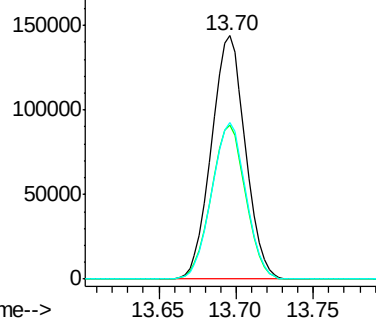


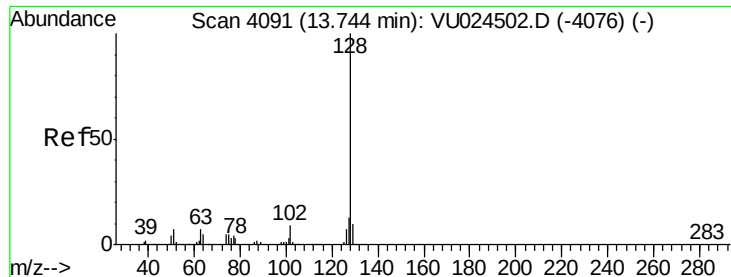
#94
 Hexachlorobutadiene
 Concen: 91.22 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024503.D
 Acq: 13 Jun 2018 13:05

Tgt Ion:225 Resp: 219655
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.3 93.8
 227 64.8 31.8 95.4



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

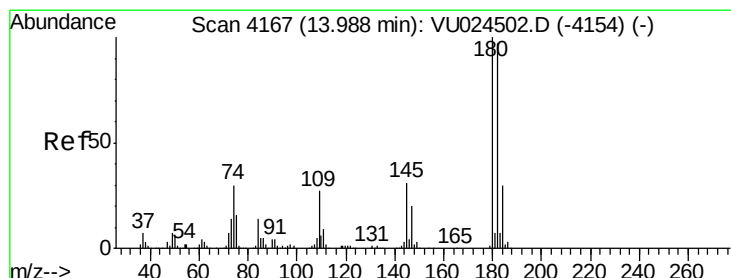
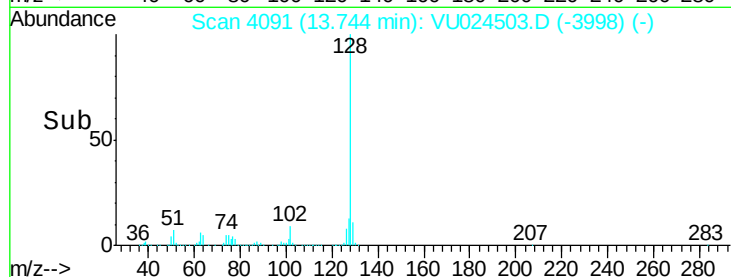
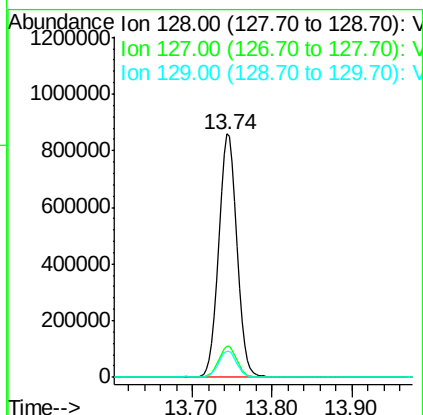
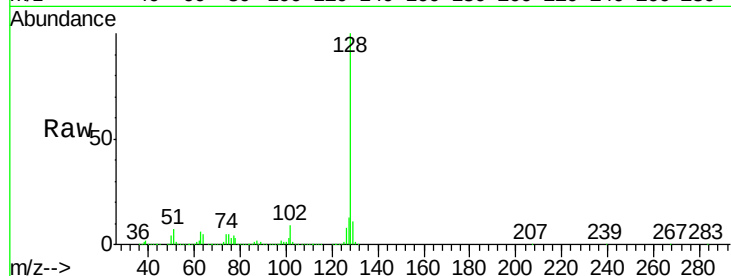




#95
Naphthalene
Concen: 122.99 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1363320
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 107.53 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU024503.D
Acq: 13 Jun 2018 13:05

Tgt Ion:180 Resp: 440487
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.7
145 31.8 15.4 46.1

