

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU024984.D
 Acq On : 27 Jun 2018 22:55
 Operator : MD/SY
 Sample : VU0627MBSD03
 Misc : 5.00g/10mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Quant Time: Jun 28 02:31:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	179076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	278295	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	253629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149830	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	143217	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	4.89	113	114090	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	7.57	98	386197	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
62) 4-Bromofluorobenzene	10.31	95	157796	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	36971	16.494 ug/l	95
3) Chloromethane	1.33	50	40957	17.885 ug/l	98
4) Vinyl Chloride	1.40	62	43772	18.535 ug/l	100
5) Bromomethane	1.62	94	28195	24.697 ug/l	96
6) Chloroethane	1.70	64	27537	20.240 ug/l	98
7) Trichlorofluoromethane	1.89	101	71966	19.968 ug/l	99
8) Diethyl Ether	2.10	74	27742	21.548 ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41889	18.734 ug/l	97
10) Methyl Iodide	2.41	142	46747	27.380 ug/l	99
11) Tert butyl alcohol	2.82	59	67184	94.491 ug/l	100
12) 1,1-Dichloroethene	2.29	96	38898	19.077 ug/l	93
13) Acrolein	2.19	56	19666	52.672 ug/l	94
14) Allyl chloride	2.60	41	69863	18.453 ug/l	95
15) Acrylonitrile	2.94	53	137389	99.316 ug/l	98
16) Acetone	2.32	43	129821	82.648 ug/l	97
17) Carbon Disulfide	2.48	76	112299	17.200 ug/l	99
18) Methyl Acetate	2.62	43	79225	23.527 ug/l	98
19) Methyl tert-butyl Ether	3.00	73	155406	20.276 ug/l	95
20) Methylene Chloride	2.70	84	49381	20.036 ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	43172	19.223 ug/l	95
22) Diisopropyl ether	3.57	45	148427	19.777 ug/l	92
23) Vinyl Acetate	3.53	43	620663	92.319 ug/l	99
24) 1,1-Dichloroethane	3.45	63	86334	19.996 ug/l	99
25) 2-Butanone	4.26	43	196116	92.951 ug/l	97
26) 2,2-Dichloropropane	4.23	77	67902	16.563 ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	51616	19.991 ug/l	99
28) Bromochloromethane	4.55	49	37579	19.761 ug/l	87
29) Tetrahydrofuran	4.63	42	125559	96.097 ug/l	96
30) Chloroform	4.68	83	90154	20.630 ug/l	99
31) Cyclohexane	5.00	56	79783	19.609 ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	82254	20.355 ug/l	96
36) 1,1-Dichloropropene	5.14	75	63227	19.334 ug/l	98
37) Ethyl Acetate	4.38	43	71272	19.996 ug/l	98
38) Carbon Tetrachloride	5.14	117	70564	19.622 ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	78304	19.188	ug/l	94
40) Benzene	5.39	78	188162	20.193	ug/l	99
41) Methacrylonitrile	4.55	41	41320	21.502	ug/l	99
42) 1,2-Dichloroethane	5.41	62	75689	21.327	ug/l	100
43) Isopropyl Acetate	5.55	43	115663	18.773	ug/l	98
44) Trichloroethene	6.19	130	50137	18.906	ug/l	98
45) 1,2-Dichloropropane	6.44	63	50734	20.405	ug/l	95
46) Dibromomethane	6.56	93	35476	20.314	ug/l	94
47) Bromodichloromethane	6.76	83	68265	19.630	ug/l	100
48) Methyl methacrylate	6.63	41	60842	20.280	ug/l	97
49) 1,4-Dioxane	6.62	88	27113	462.132	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	377904	97.633	ug/l	97
52) Toluene	7.64	92	118298	19.733	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	72262	18.503	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	74836	17.983	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	48908	20.070	ug/l	98
56) Ethyl methacrylate	8.02	69	78234	19.181	ug/l	100
57) 1,3-Dichloropropane	8.25	76	82581	20.089	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	41246	26.396	ug/l	96
59) 2-Hexanone	8.36	43	295898	93.638	ug/l	99
60) Dibromochloromethane	8.48	129	54644	17.982	ug/l	100
61) 1,2-Dibromoethane	8.59	107	53368	19.676	ug/l	99
64) Tetrachloroethene	8.23	164	50577	20.979	ug/l	98
65) Chlorobenzene	9.12	112	136339	21.042	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	50837	20.652	ug/l	97
67) Ethyl Benzene	9.25	91	234334	20.630	ug/l	99
68) m/p-Xylenes	9.38	106	182054	41.739	ug/l	97
69) o-Xylene	9.78	106	91964	21.304	ug/l	95
70) Styrene	9.80	104	141291	19.918	ug/l	99
71) Bromoform	9.96	173	42297	18.078	ug/l #	98
73) Isopropylbenzene	10.17	105	243090	21.132	ug/l	100
74) N-amyl acetate	10.01	43	100985	18.456	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	79874	20.721	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	95436	28.931	ug/l	81
77) Bromobenzene	10.45	156	61429	21.094	ug/l	94
78) n-propylbenzene	10.59	91	271953	20.069	ug/l	98
79) 2-Chlorotoluene	10.66	91	167848	21.004	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	207039	20.765	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	95436	66.959	ug/l #	100
82) 4-Chlorotoluene	10.78	91	191198	20.557	ug/l	100
83) tert-Butylbenzene	11.10	119	206336	21.514	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	207640	20.435	ug/l	100
85) sec-Butylbenzene	11.33	105	243325	20.268	ug/l	99
86) p-Isopropyltoluene	11.48	119	215679	20.059	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	108627	20.190	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	109138	20.153	ug/l	99
89) n-Butylbenzene	11.89	91	166374	17.429	ug/l	97
90) Hexachloroethane	12.15	117	37468	17.863	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	113195	21.004	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20993	19.737	ug/l	99

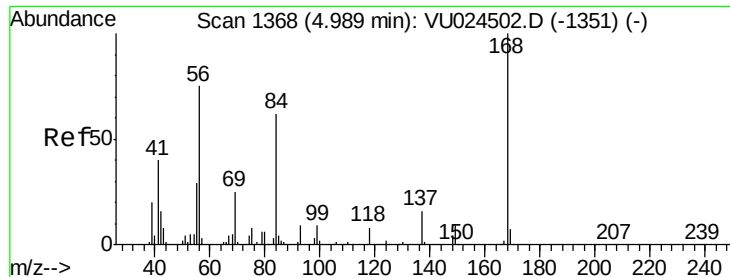
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
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MSVOA_U
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	70075	21.057	ug/l	98
94) Hexachlorobutadiene	13.70	225	38285	20.439	ug/l	99
95) Naphthalene	13.74	128	240114	22.178	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	74212	22.380	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

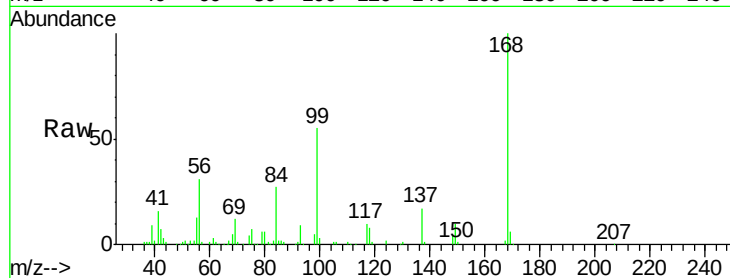
VU0627MBSD04

Tgt Ion:168 Resp: 179076

Ion Ratio Lower Upper

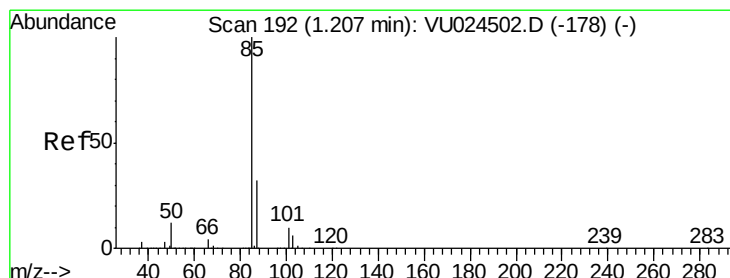
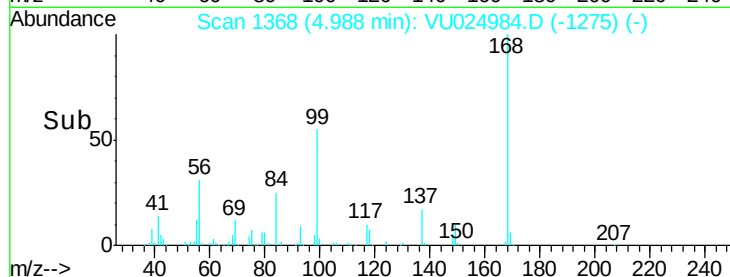
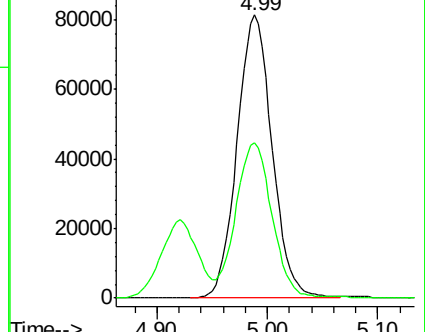
168 100

99 54.3 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: 16.494 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024984.D

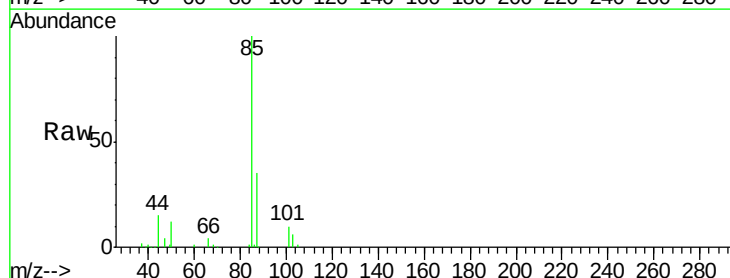
Acq: 27 Jun 2018 22:55

Tgt Ion: 85 Resp: 36971

Ion Ratio Lower Upper

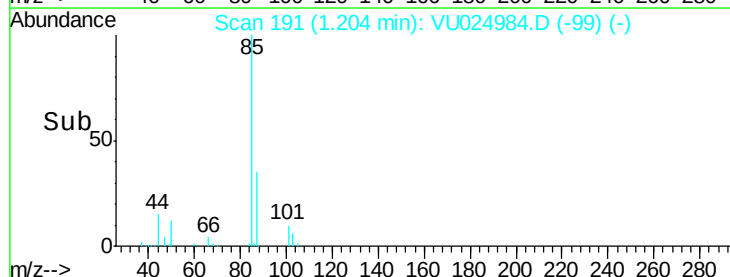
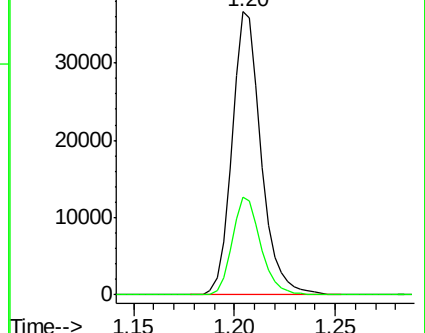
85 100

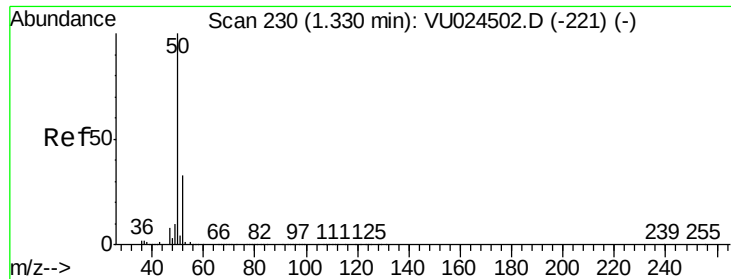
87 34.6 16.1 48.2



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: 17.885 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

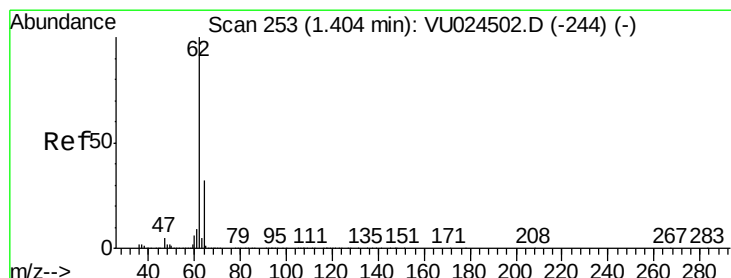
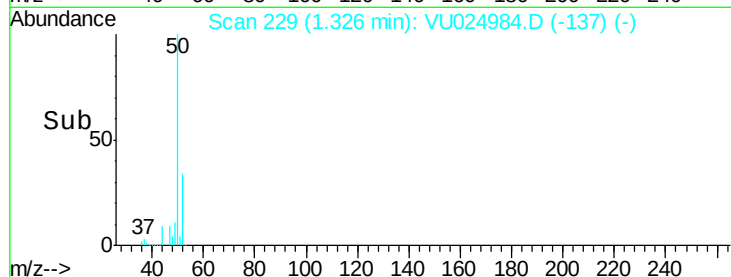
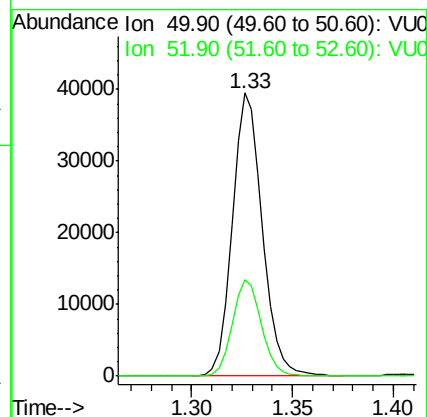
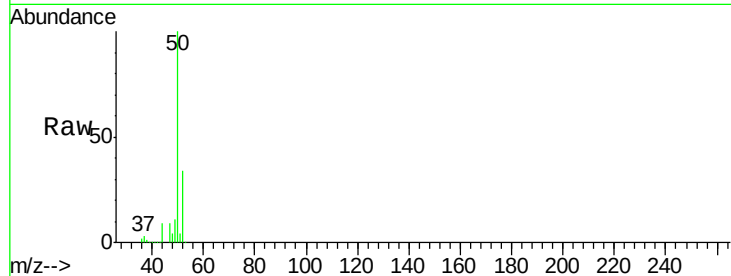
VU0627MBSD04

Tgt Ion: 50 Resp: 40957

Ion Ratio Lower Upper

50 100

52 34.2 26.4 39.6



#4

Vinyl Chloride

Concen: 18.535 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024984.D

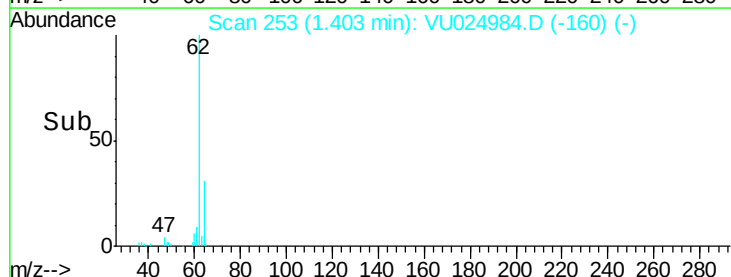
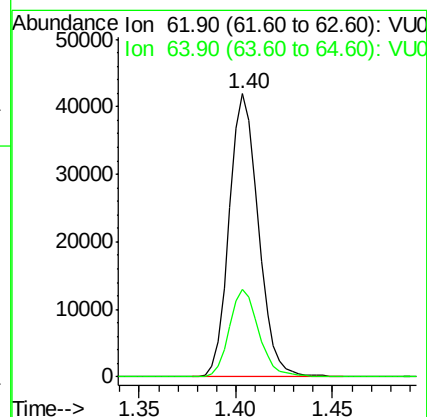
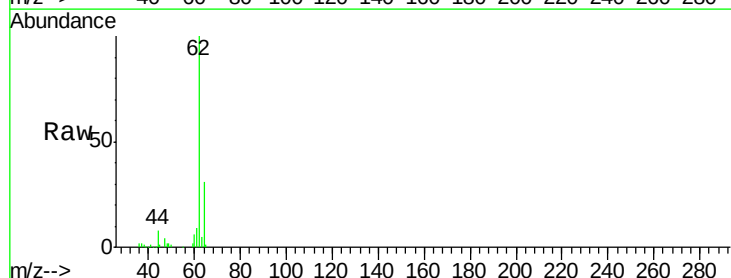
Acq: 27 Jun 2018 22:55

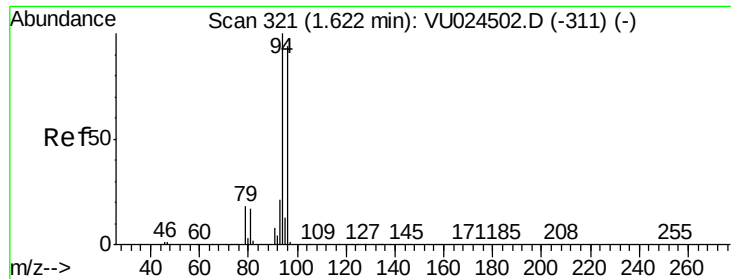
Tgt Ion: 62 Resp: 43772

Ion Ratio Lower Upper

62 100

64 31.0 24.8 37.2





#5

Bromomethane

Concen: 24.697 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

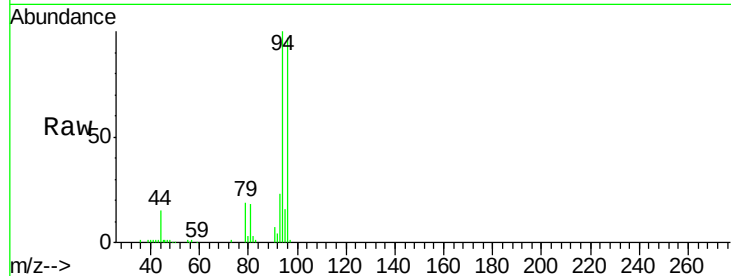
VU0627MBSD04

Tgt Ion: 94 Resp: 28195

Ion Ratio Lower Upper

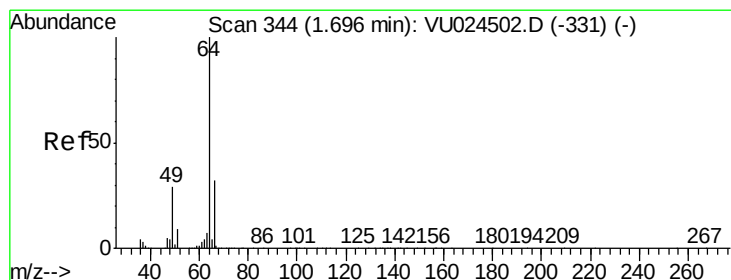
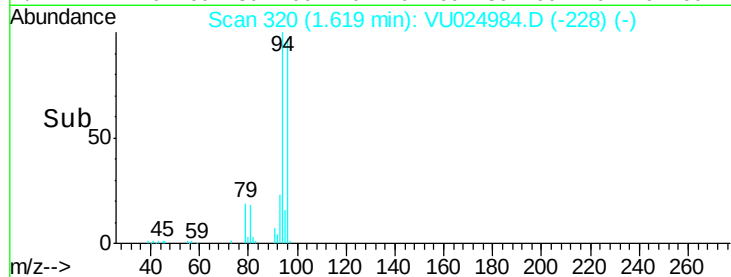
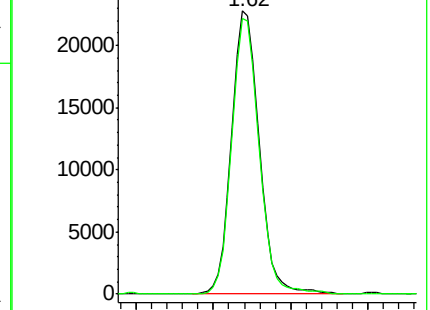
94 100

96 97.3 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: 20.240 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024984.D

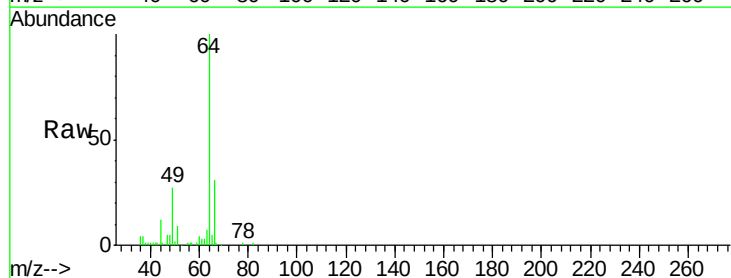
Acq: 27 Jun 2018 22:55

Tgt Ion: 64 Resp: 27537

Ion Ratio Lower Upper

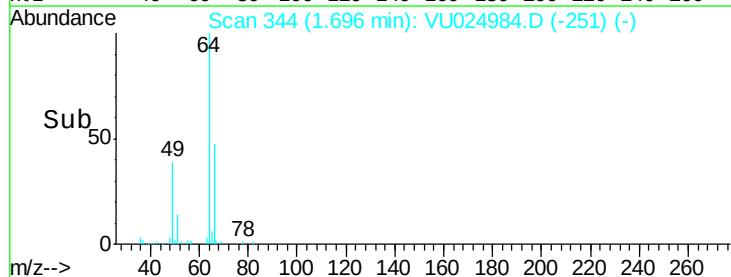
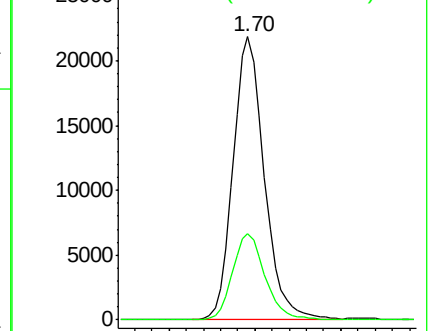
64 100

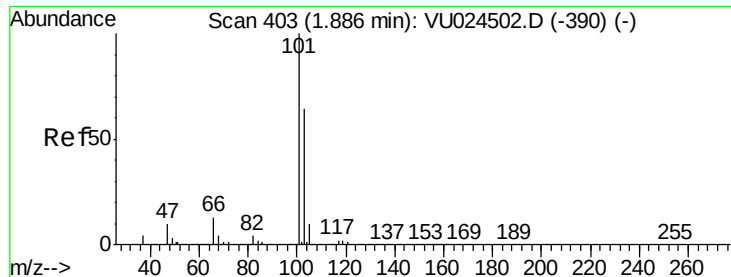
66 30.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



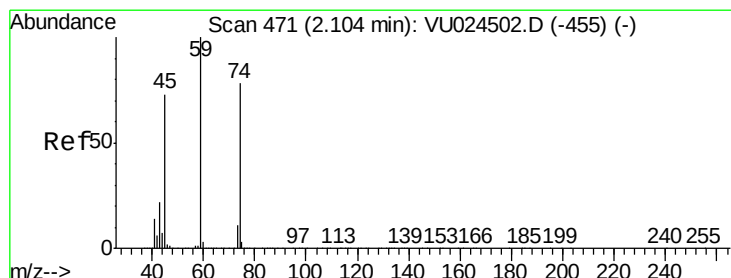
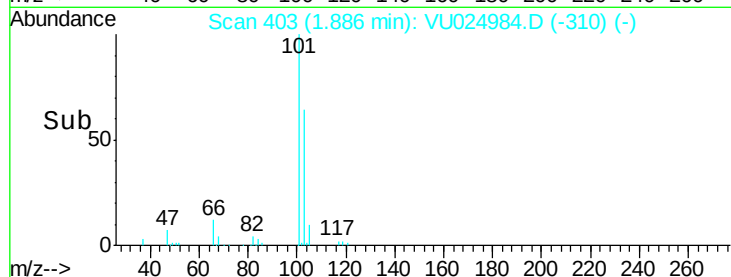
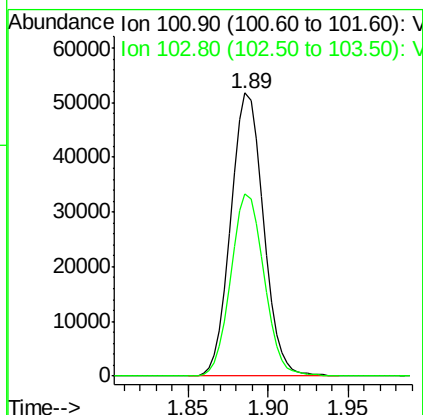
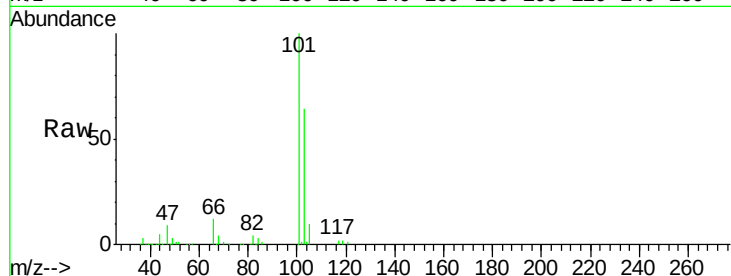


#7

Trichlorofluoromethane
 Concen: 19.968 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

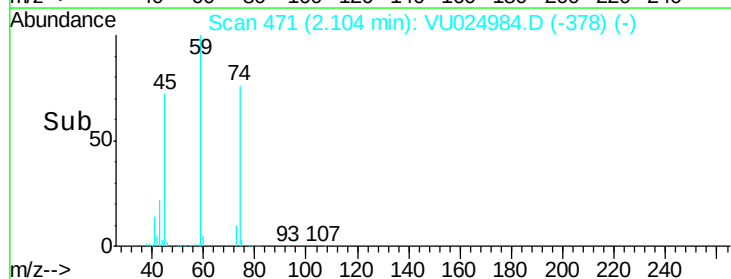
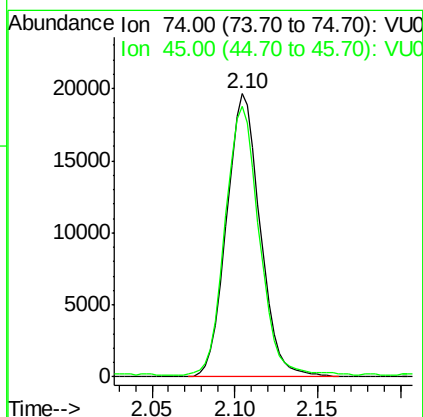
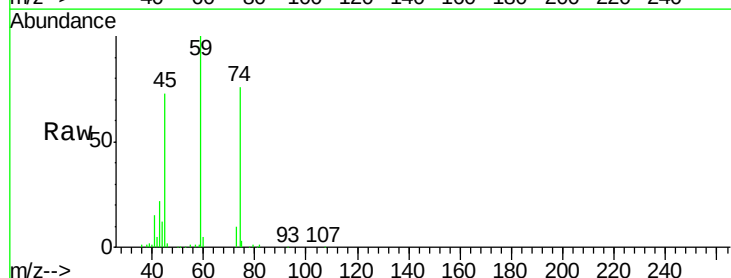
Tgt Ion:101 Resp: 71966
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5

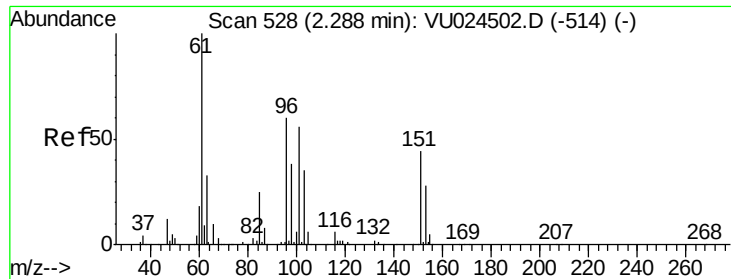


#8

Diethyl Ether
 Concen: 21.548 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion: 74 Resp: 27742
 Ion Ratio Lower Upper
 74 100
 45 96.2 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.734 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

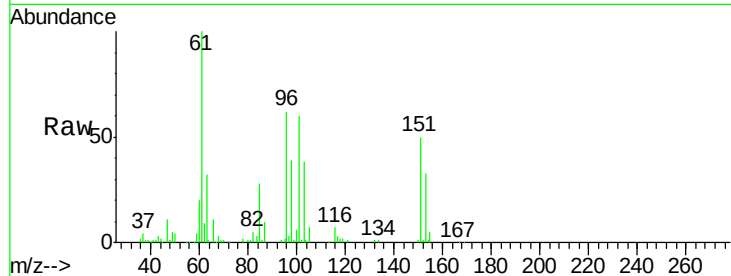
Tgt Ion:101 Resp: 41889

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

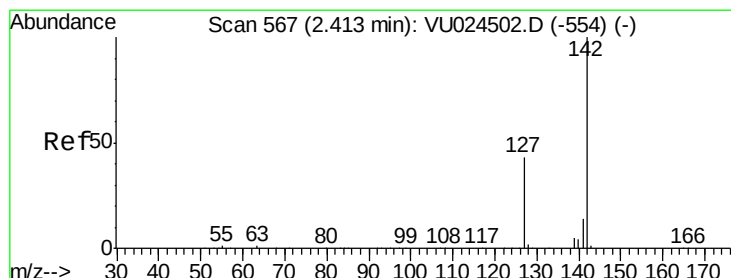
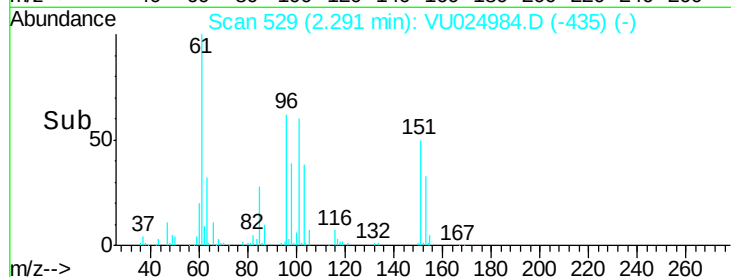
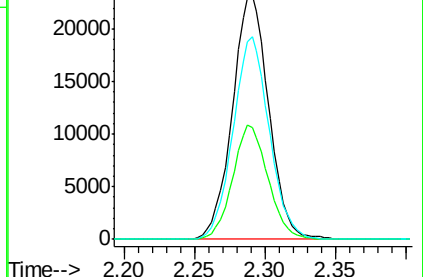
151 82.4 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 27.380 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

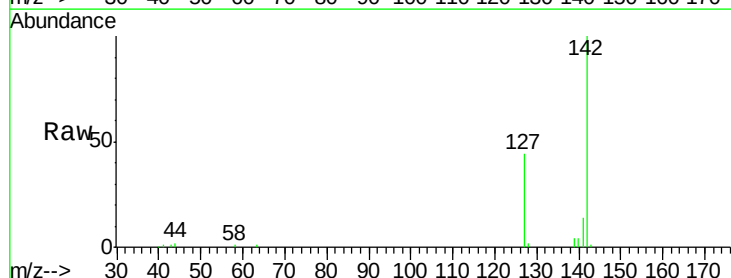
Tgt Ion:142 Resp: 46747

Ion Ratio Lower Upper

142 100

127 45.2 35.6 53.4

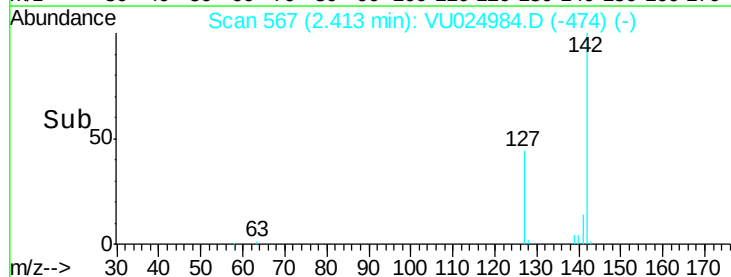
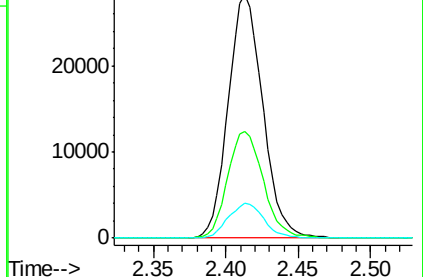
141 14.6 11.7 17.5

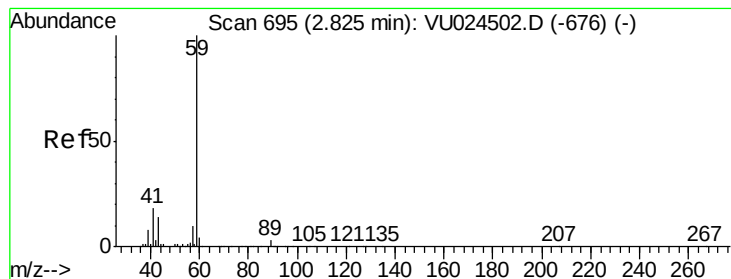


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.491 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

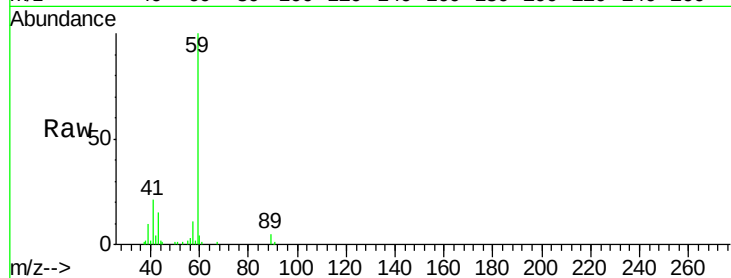
VU0627MBSD04

Tgt Ion: 59 Resp: 67184

Ion Ratio Lower Upper

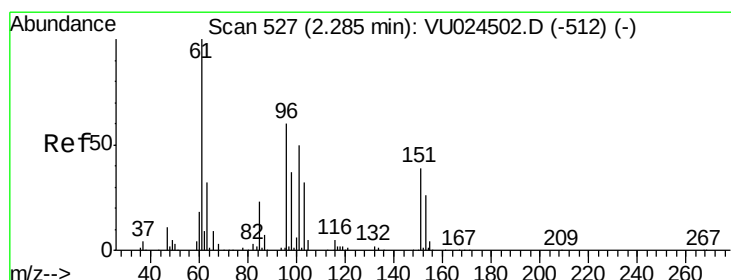
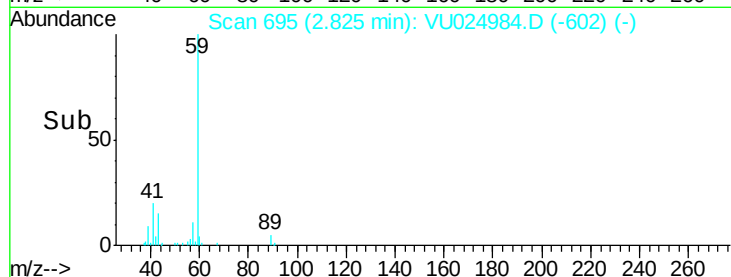
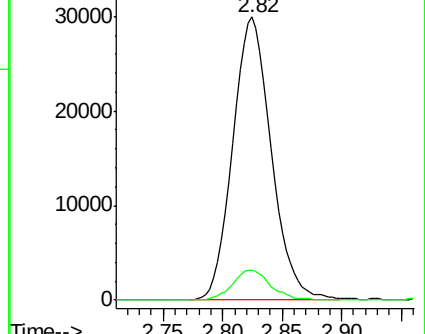
59 100

57 10.4 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#12

1,1-Dichloroethene

Concen: 19.077 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

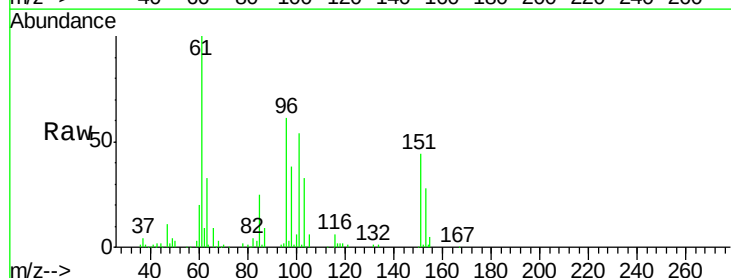
Tgt Ion: 96 Resp: 38898

Ion Ratio Lower Upper

96 100

61 164.1 141.7 212.5

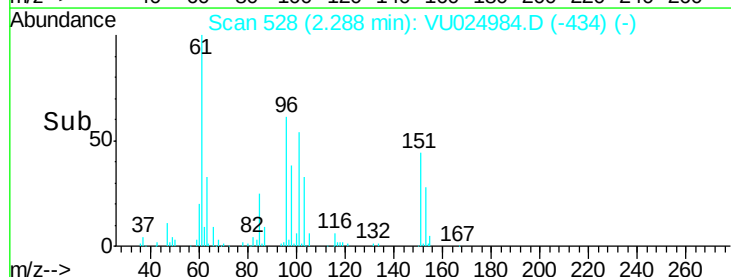
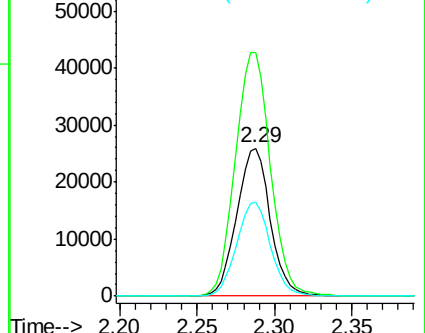
98 63.2 51.6 77.4

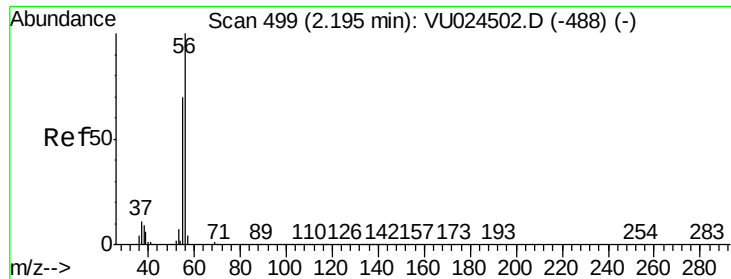


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#13

Acrolein

Concen: 52.672 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

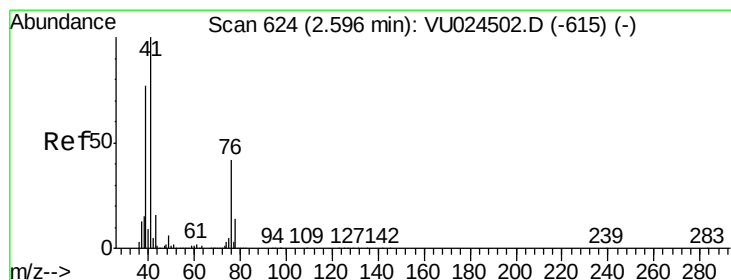
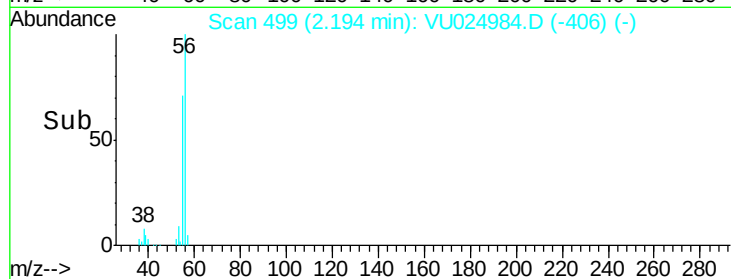
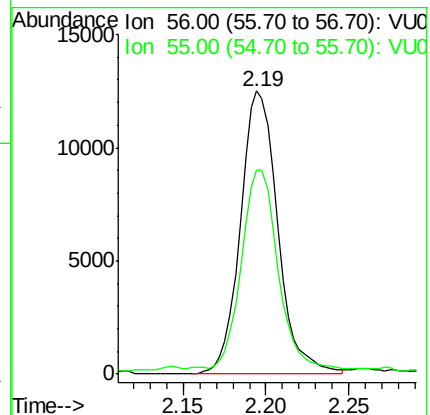
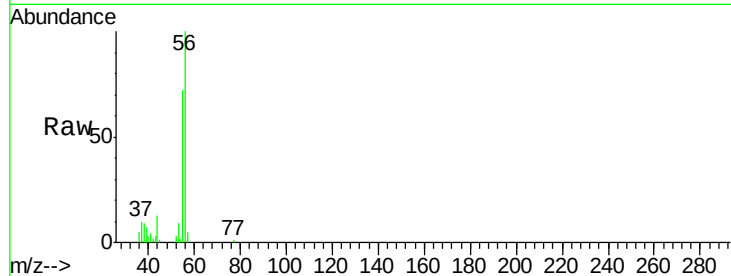
VU0627MBSD04

Tgt Ion: 56 Resp: 19666

Ion Ratio Lower Upper

56 100

55 67.8 58.4 87.6



#14

Allyl chloride

Concen: 18.453 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

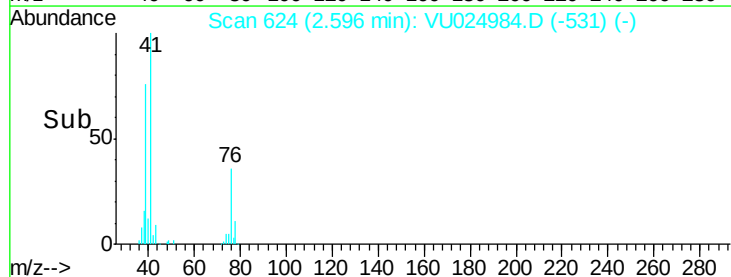
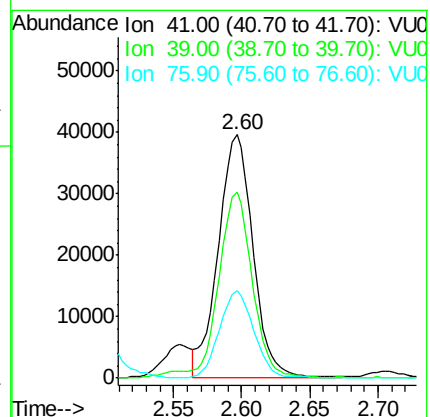
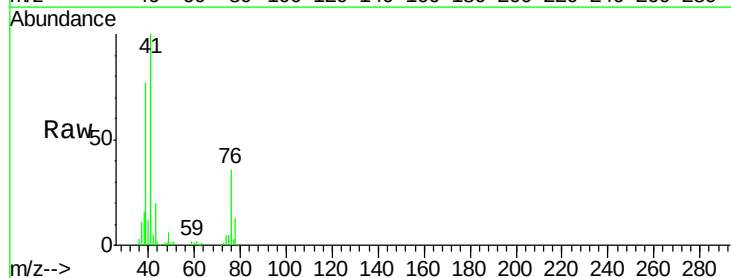
Tgt Ion: 41 Resp: 69863

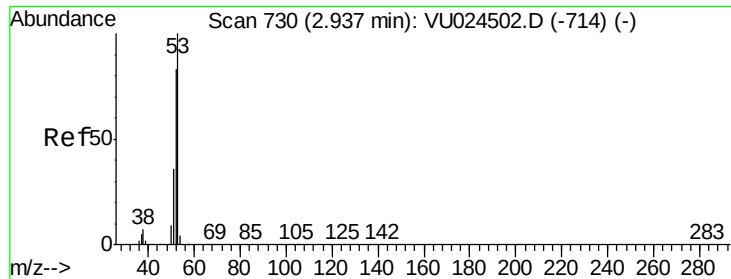
Ion Ratio Lower Upper

41 100

39 72.7 61.6 92.4

76 34.7 29.7 44.5





#15

Acrylonitrile

Concen: 99.316 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

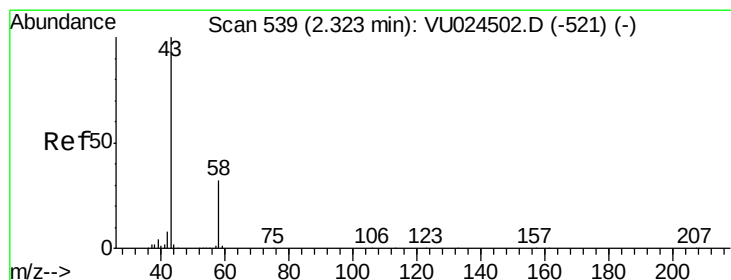
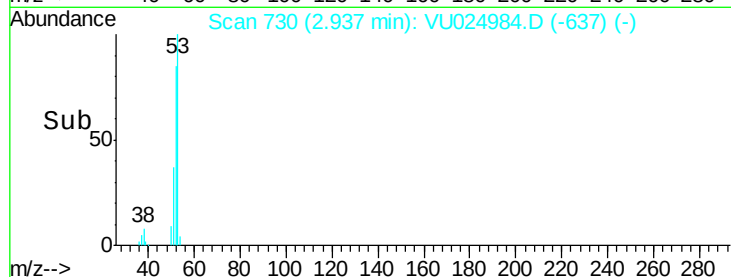
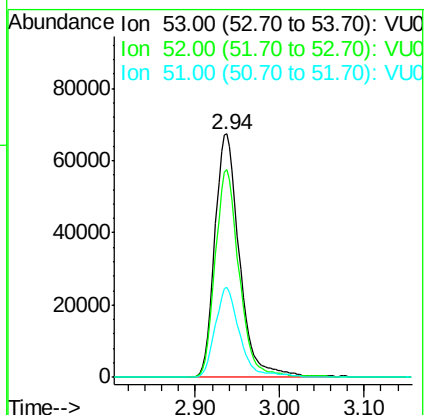
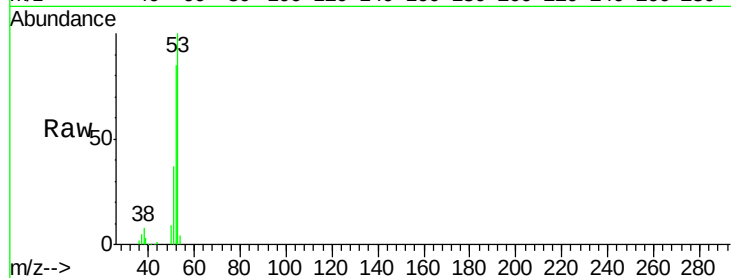
Tgt Ion: 53 Resp: 137389

Ion Ratio Lower Upper

53 100

52 82.6 67.1 100.7

51 36.9 28.4 42.6



#16

Acetone

Concen: 82.648 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024984.D

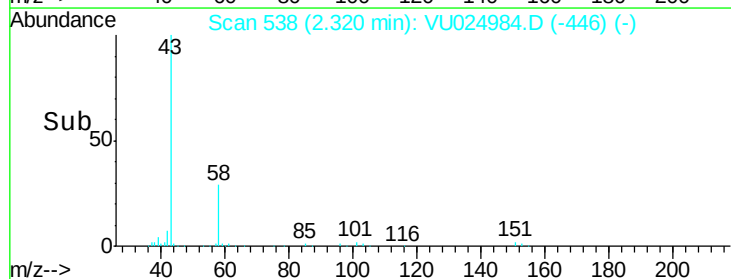
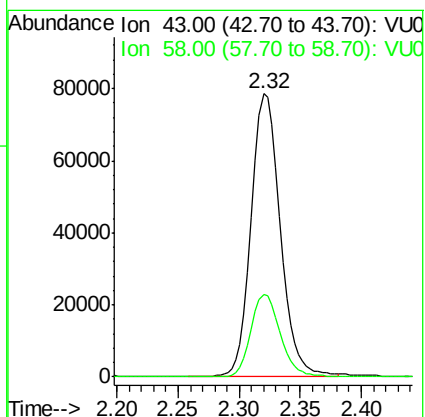
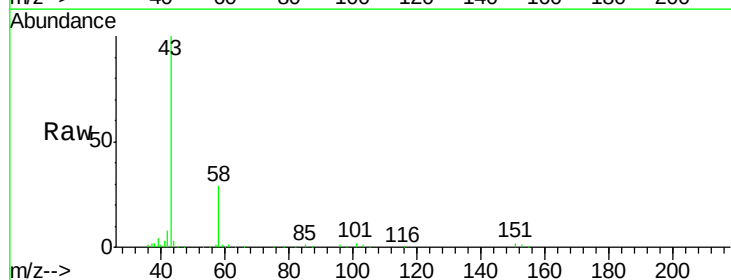
Acq: 27 Jun 2018 22:55

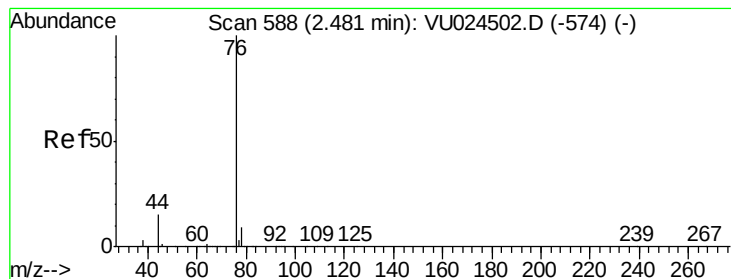
Tgt Ion: 43 Resp: 129821

Ion Ratio Lower Upper

43 100

58 28.9 24.4 36.6





#17

Carbon Disulfide

Concen: 17.200 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

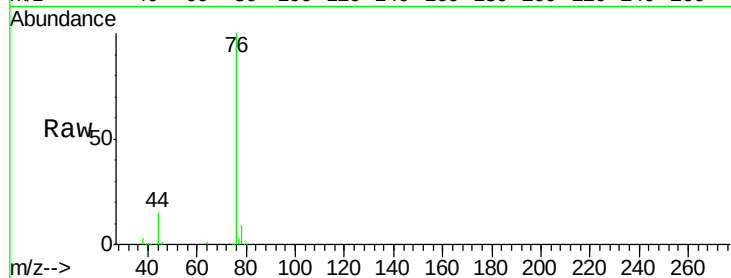
VU0627MBSD04

Tgt Ion: 76 Resp: 112299

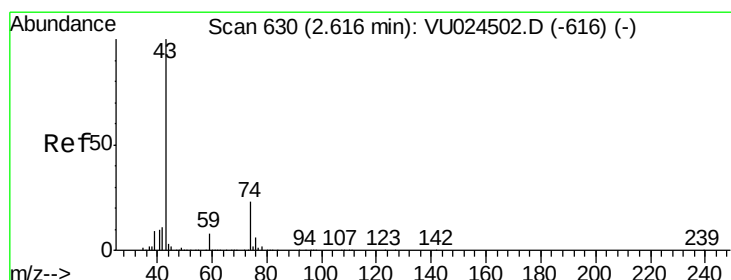
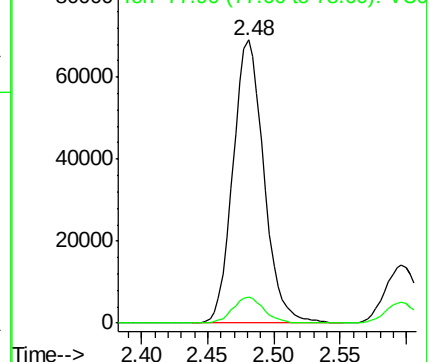
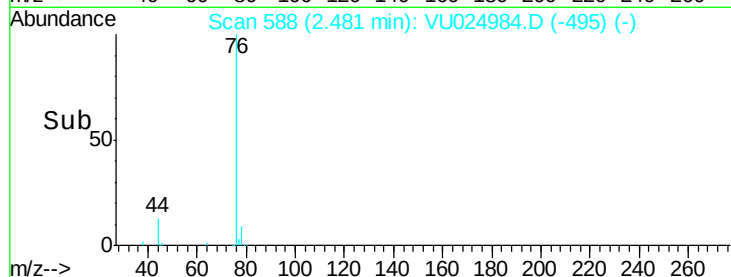
Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU024984.D (-495) (-)



#18

Methyl Acetate

Concen: 23.527 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU024984.D

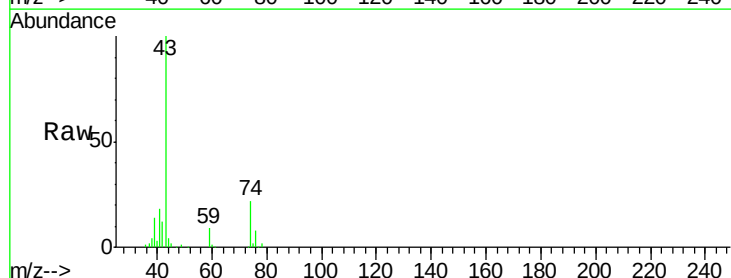
Acq: 27 Jun 2018 22:55

Tgt Ion: 43 Resp: 79225

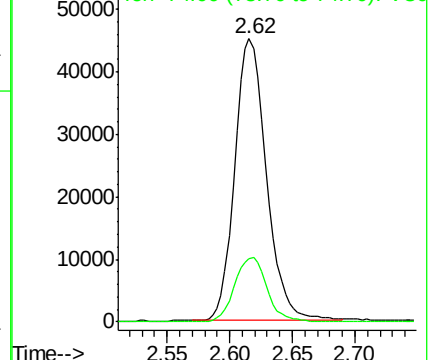
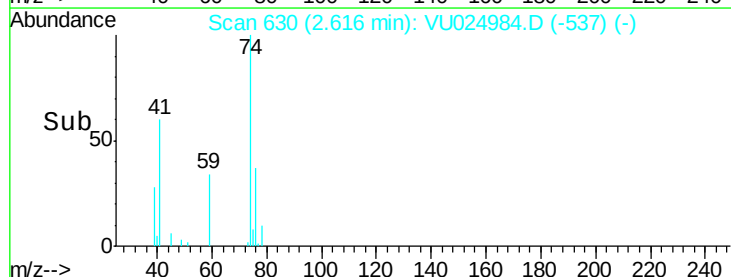
Ion Ratio Lower Upper

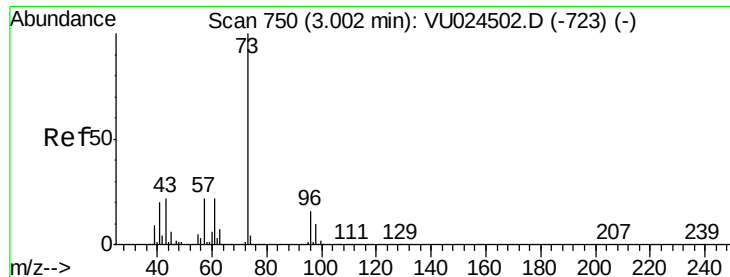
43 100

74 23.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU024984.D (-537) (-)

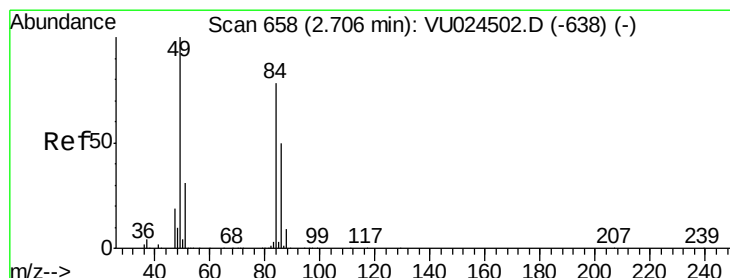
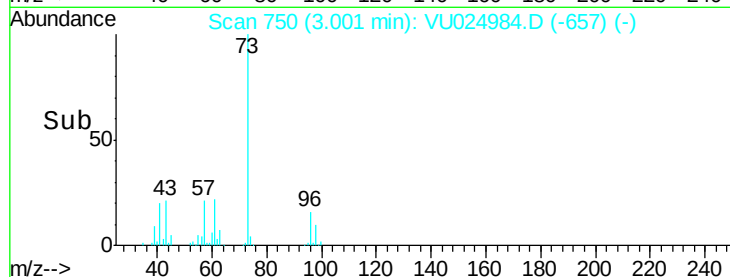
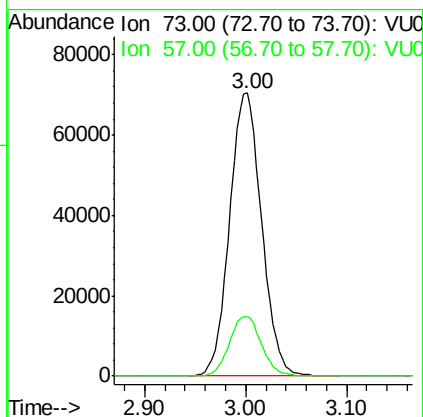
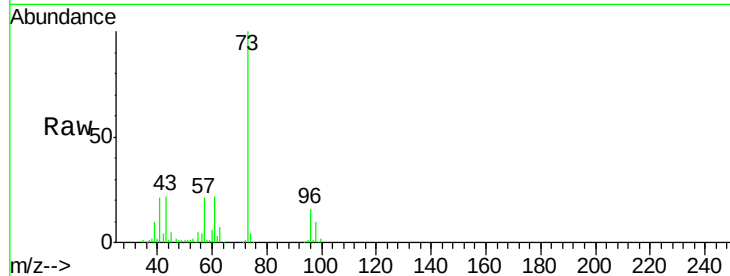




#19
Methyl tert-butyl Ether
Concen: 20.276 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

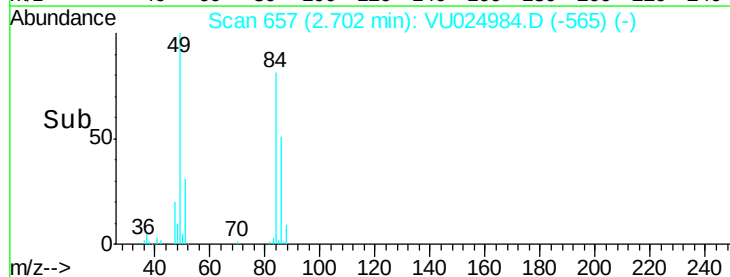
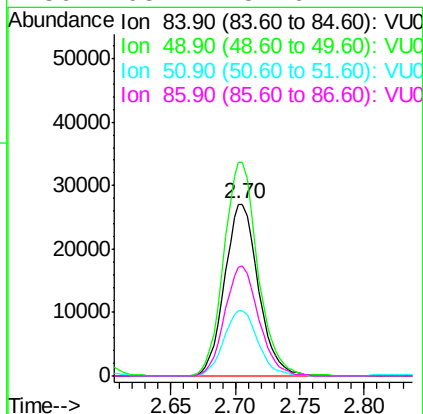
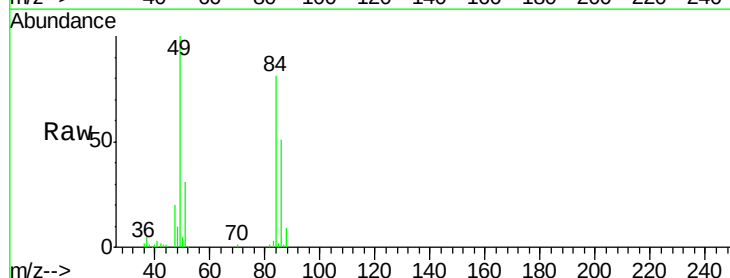
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

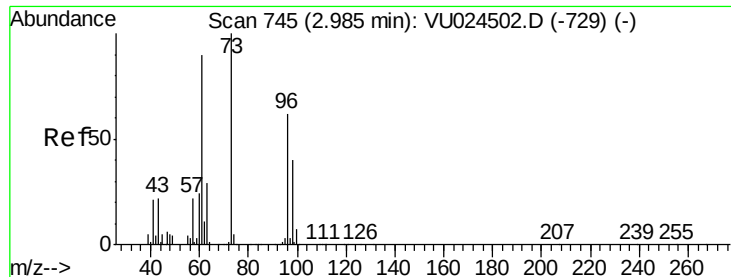
Tgt Ion: 73 Resp: 155406
Ion Ratio Lower Upper
73 100
57 21.2 18.8 28.2



#20
Methylene Chloride
Concen: 20.036 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion: 84 Resp: 49381
Ion Ratio Lower Upper
84 100
49 124.1 103.8 155.8
51 38.1 32.0 48.0
86 63.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.223 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

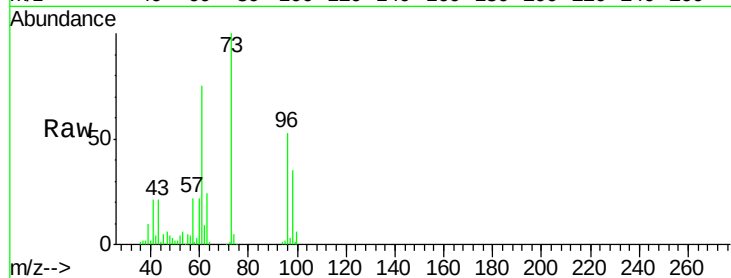
Tgt Ion: 96 Resp: 43172

Ion Ratio Lower Upper

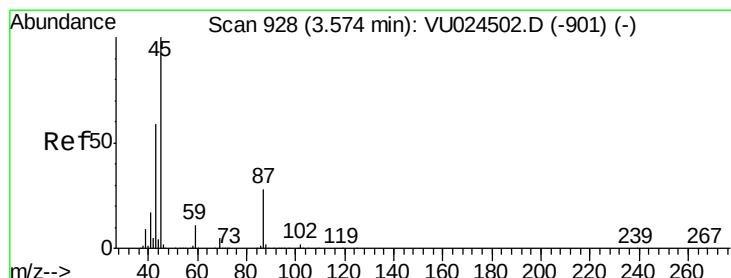
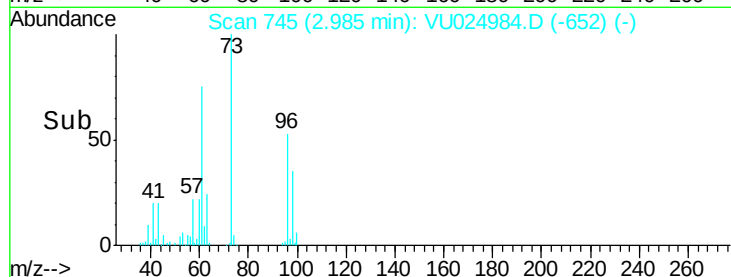
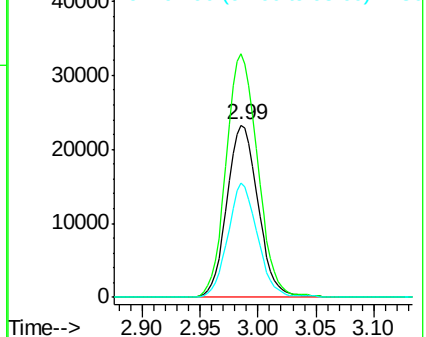
96 100

61 141.6 119.4 179.0

98 66.8 51.1 76.7



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



#22

Diisopropyl ether

Concen: 19.777 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Tgt Ion: 45 Resp: 148427

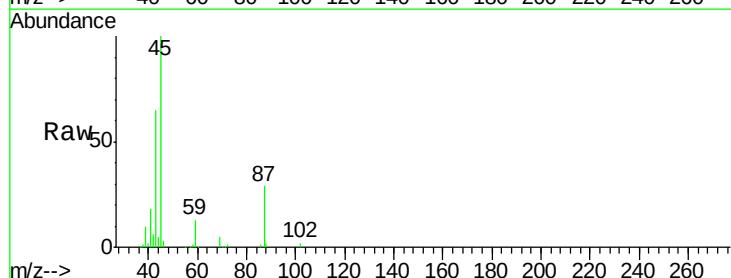
Ion Ratio Lower Upper

45 100

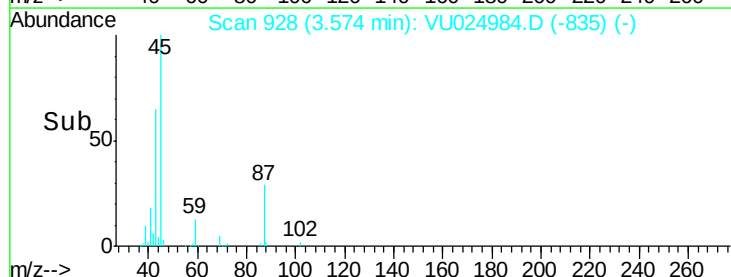
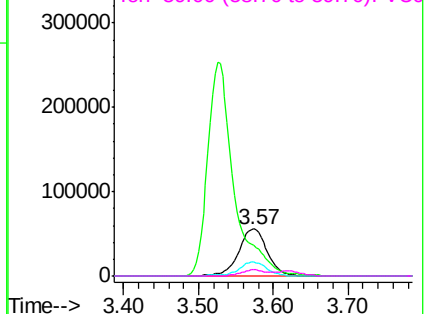
43 64.3 45.8 68.6

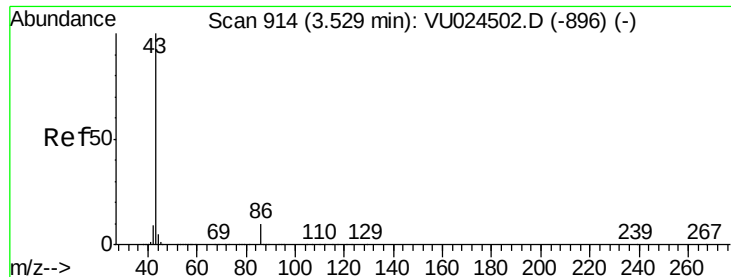
87 28.7 20.6 31.0

59 12.9 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 92.319 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

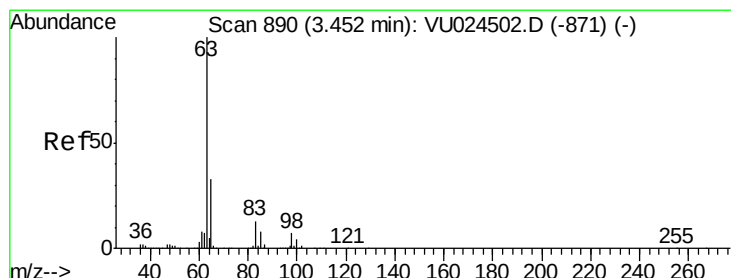
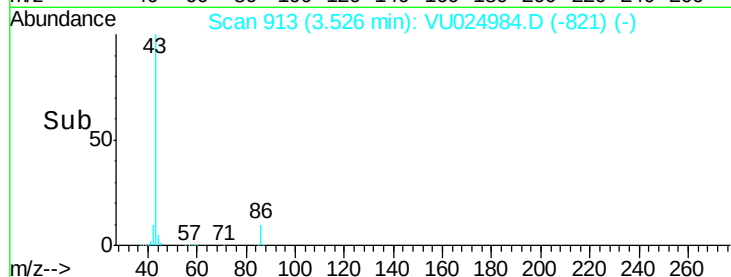
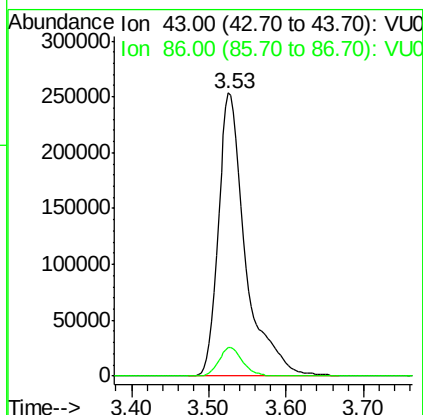
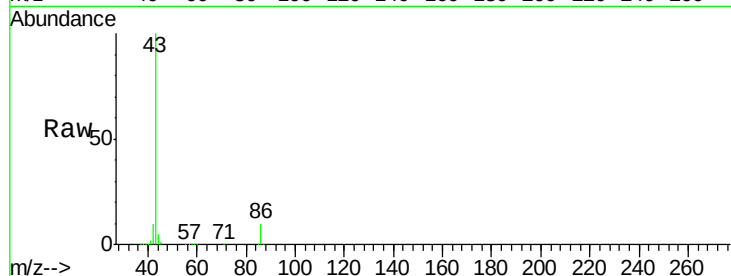
VU0627MBSD04

Tgt Ion: 43 Resp: 620663

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



#24

1,1-Dichloroethane

Concen: 19.996 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

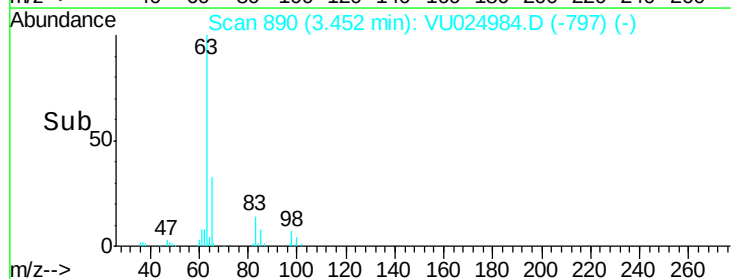
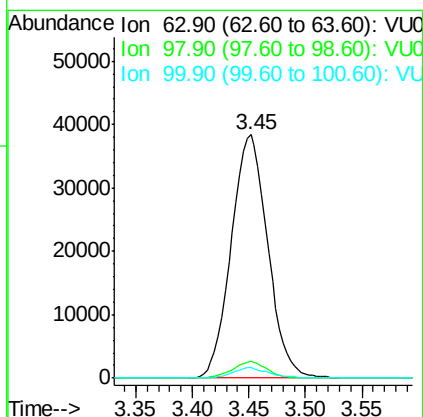
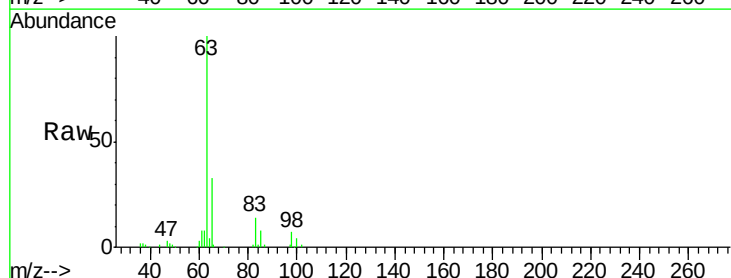
Tgt Ion: 63 Resp: 86334

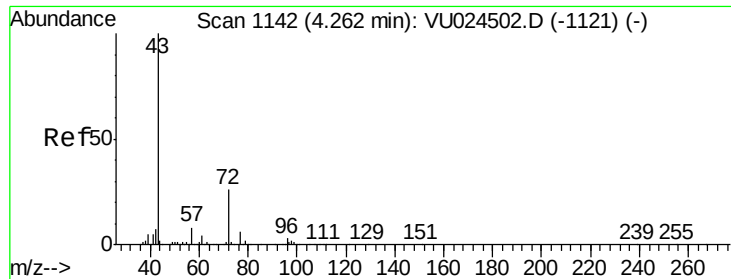
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.4 1.8 5.5

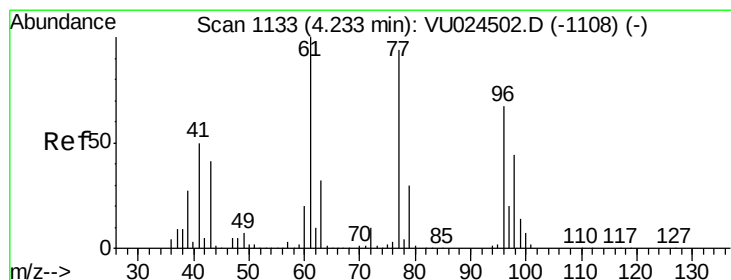
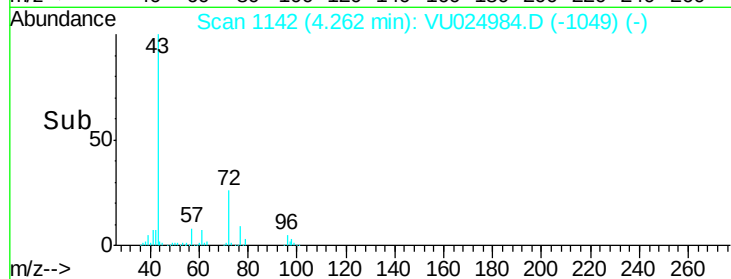
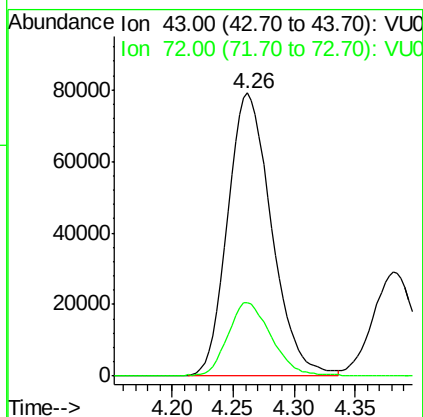
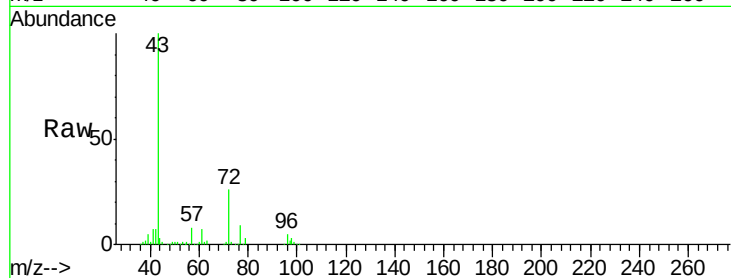




#25
2-Butanone
Concen: 92.951 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

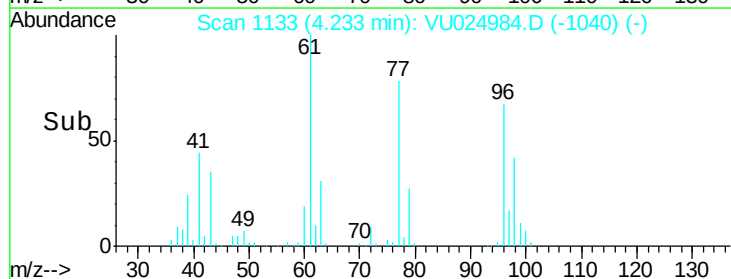
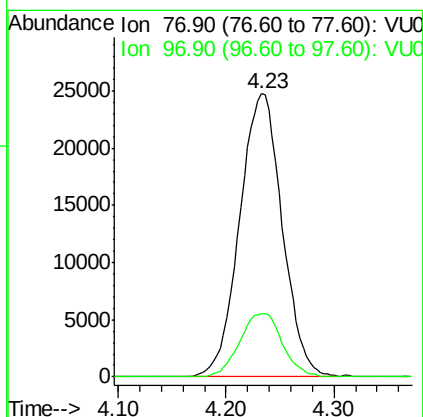
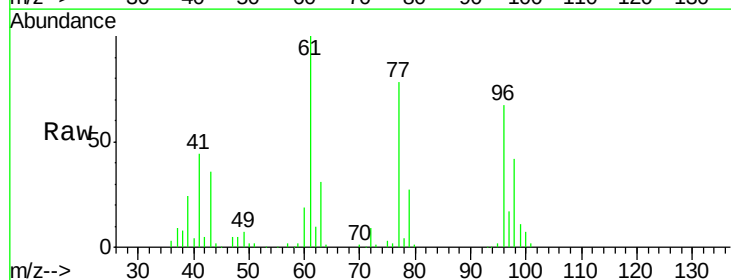
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

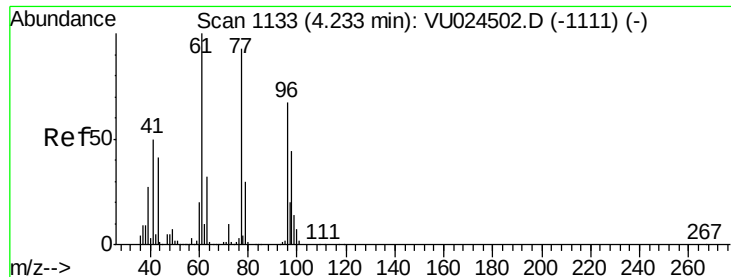
Tgt Ion: 43 Resp: 196116
Ion Ratio Lower Upper
43 100
72 25.8 19.6 29.4



#26
2,2-Dichloropropane
Concen: 16.563 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion: 77 Resp: 67902
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.991 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

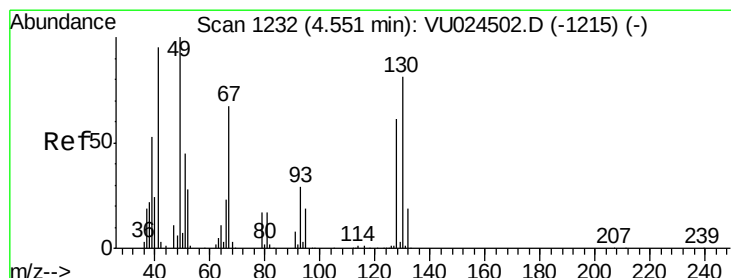
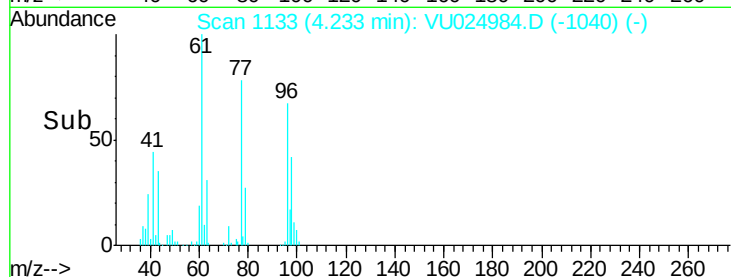
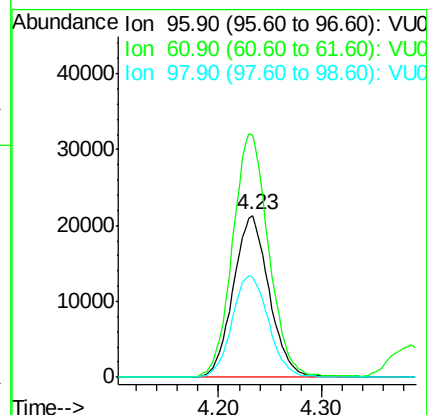
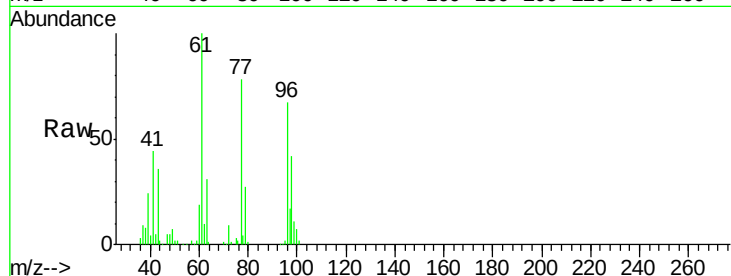
Tgt Ion: 96 Resp: 51616

Ion Ratio Lower Upper

96 100

61 151.3 0.0 306.6

98 63.6 0.0 128.8



#28

Bromochloromethane

Concen: 19.761 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

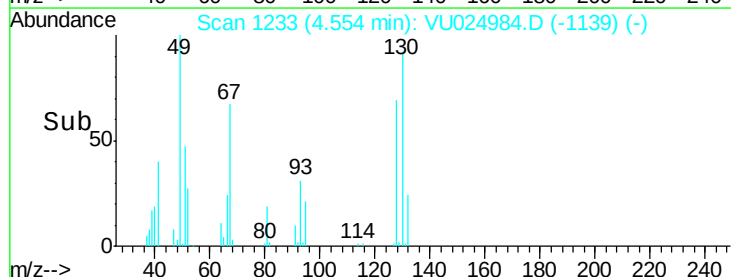
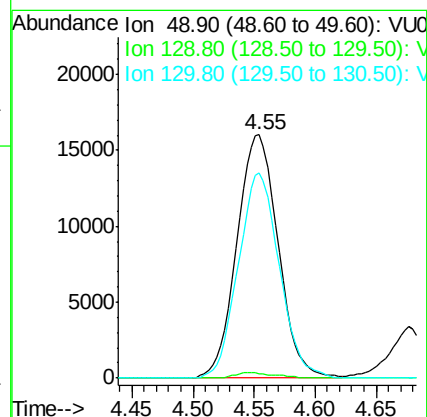
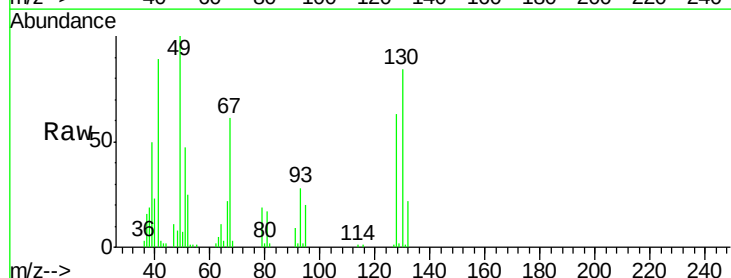
Tgt Ion: 49 Resp: 37579

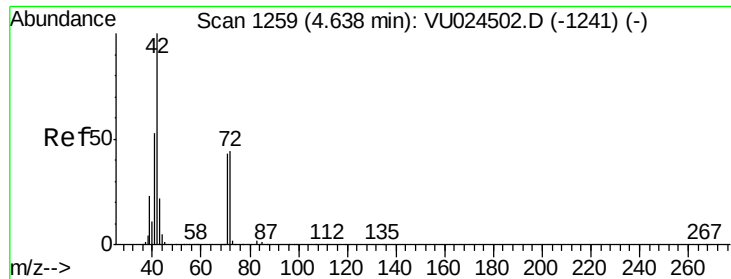
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 83.7 57.8 86.6





#29

Tetrahydrofuran

Concen: 96.097 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

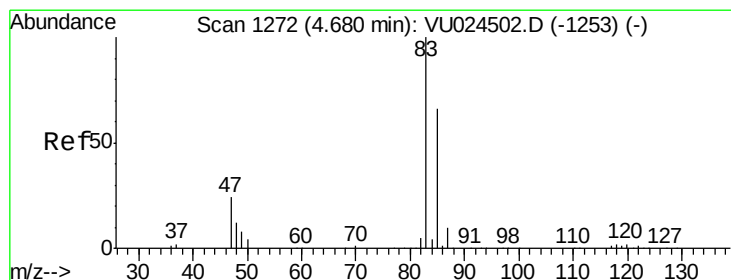
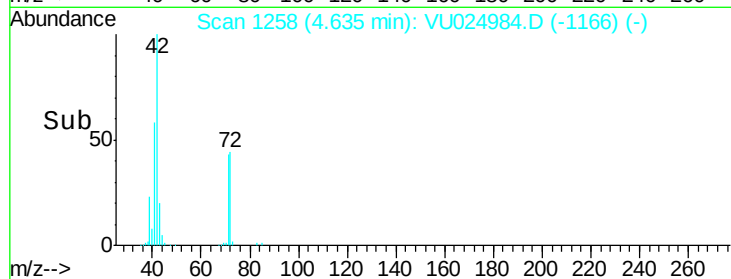
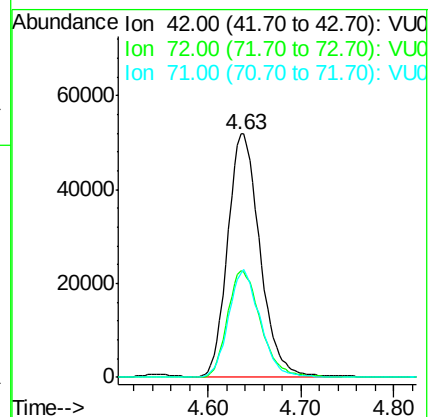
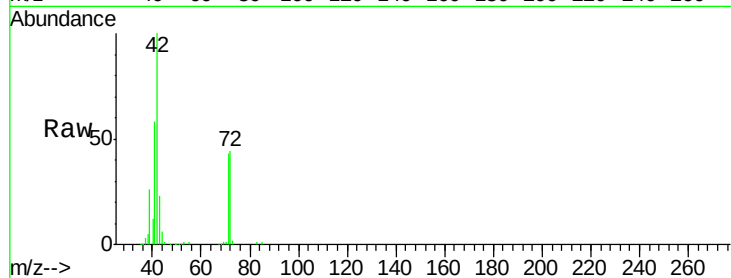
Tgt Ion: 42 Resp: 125559

Ion Ratio Lower Upper

42 100

72 44.9 34.5 51.7

71 43.2 32.2 48.4



#30

Chloroform

Concen: 20.630 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VU024984.D

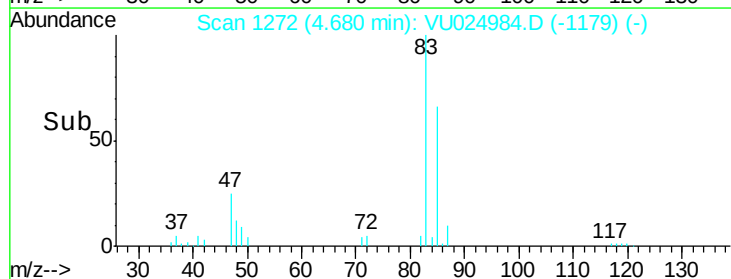
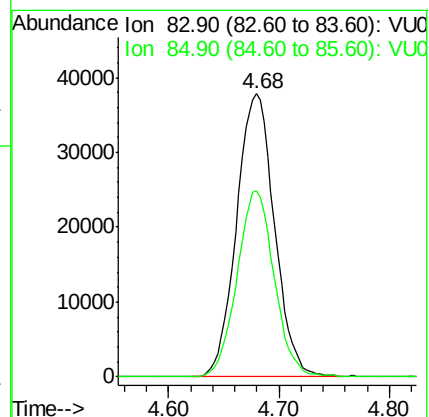
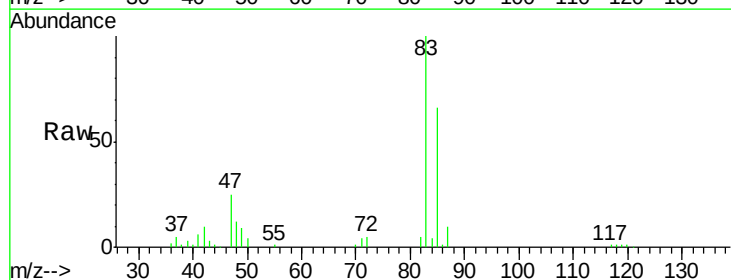
Acq: 27 Jun 2018 22:55

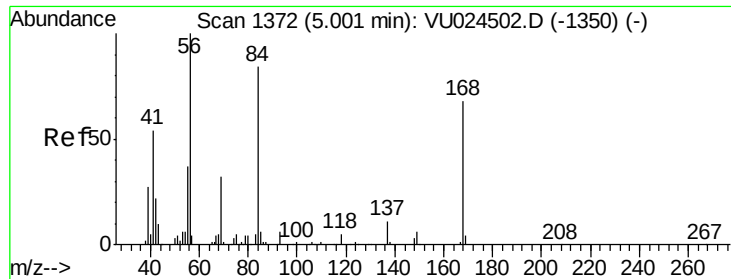
Tgt Ion: 83 Resp: 90154

Ion Ratio Lower Upper

83 100

85 66.0 52.4 78.6

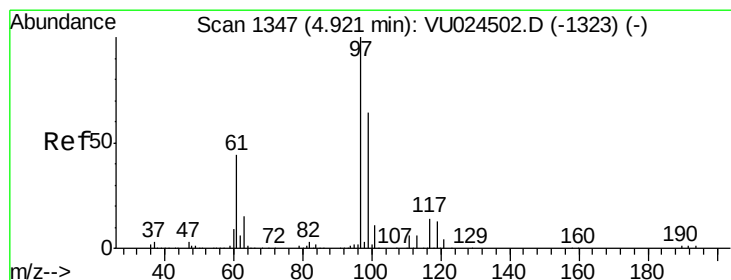
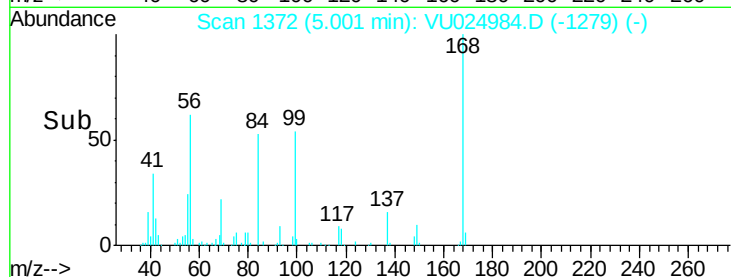
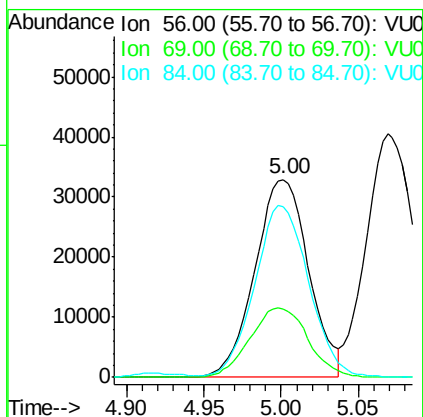
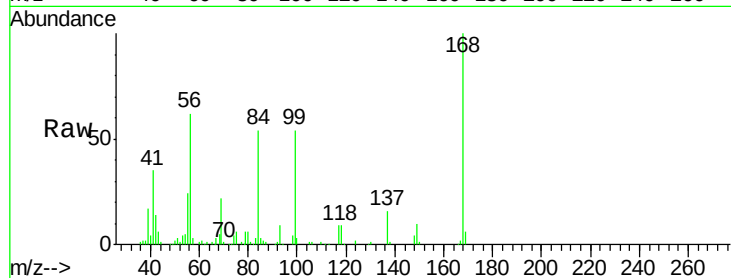




#31
Cyclohexane
Concen: 19.609 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

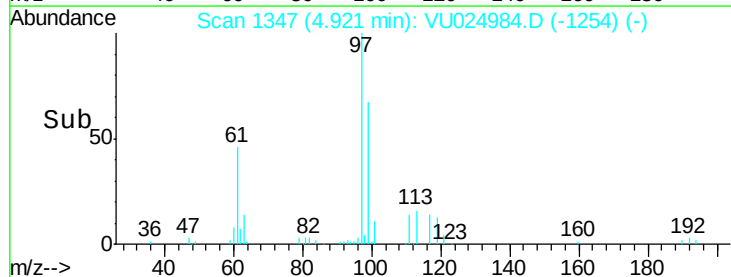
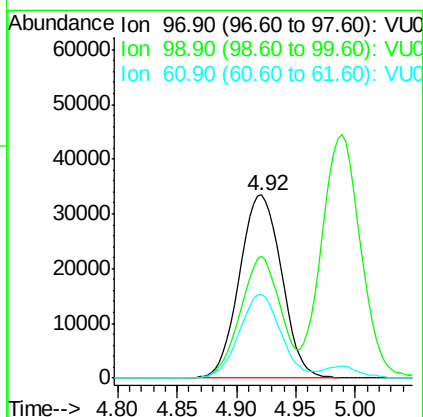
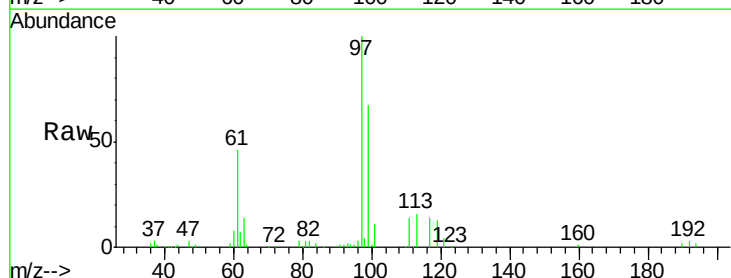
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

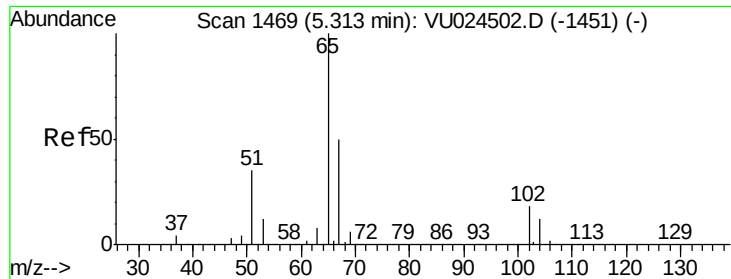
Tgt Ion: 56 Resp: 79783
Ion Ratio Lower Upper
56 100
69 34.7 24.8 37.2
84 85.5 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 20.355 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion: 97 Resp: 82254
Ion Ratio Lower Upper
97 100
99 62.6 51.0 76.6
61 44.9 39.4 59.0

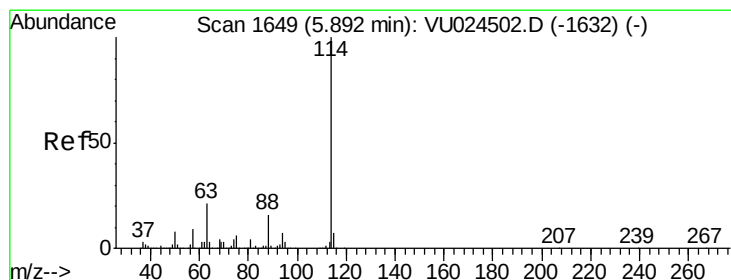
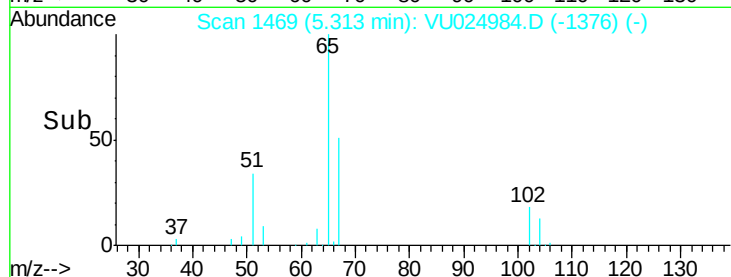
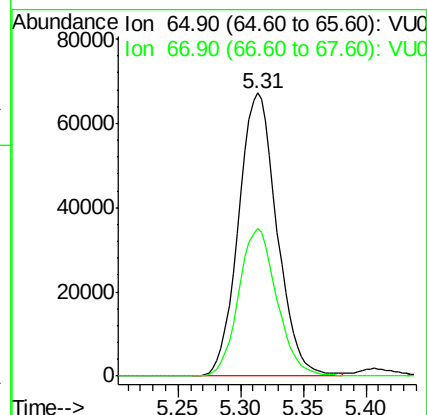
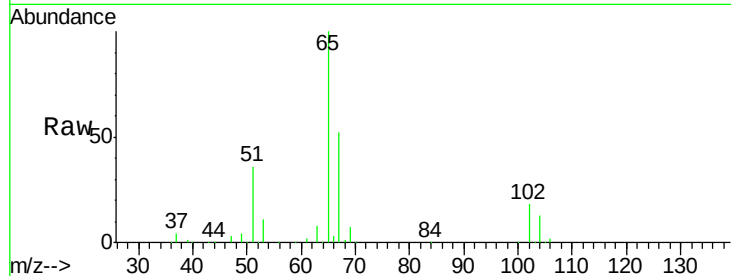




#33
 1,2-Dichloroethane-d4
 Concen: 48.989 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

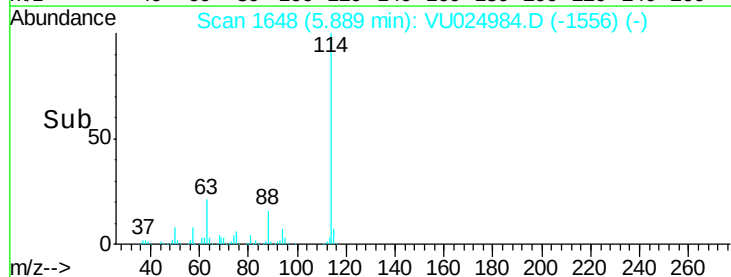
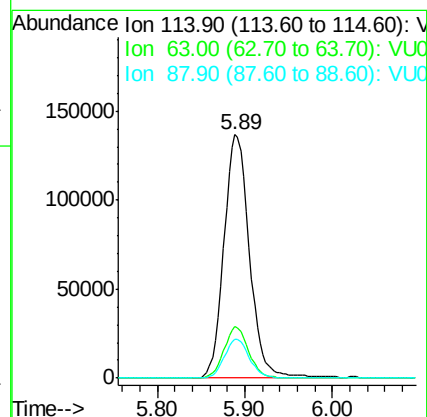
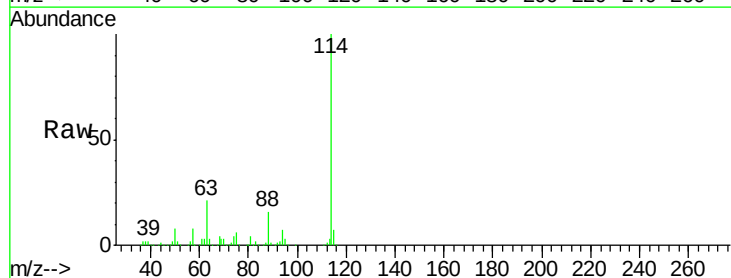
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

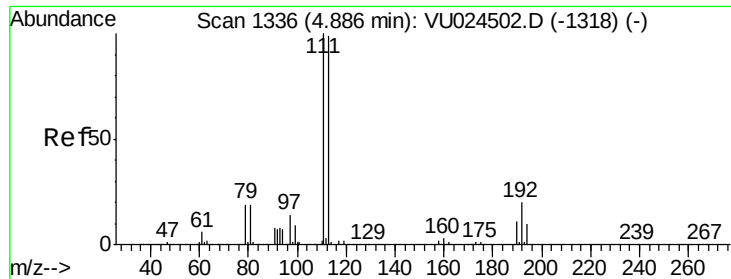
Tgt Ion: 65 Resp: 143217
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion: 114 Resp: 278295
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.4
 88 16.1 0.0 31.0

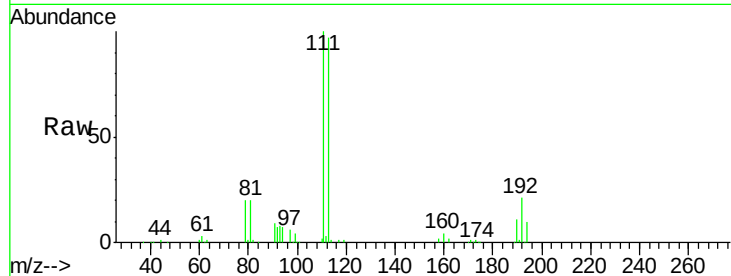




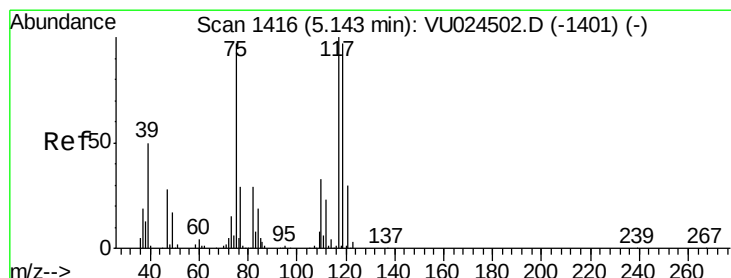
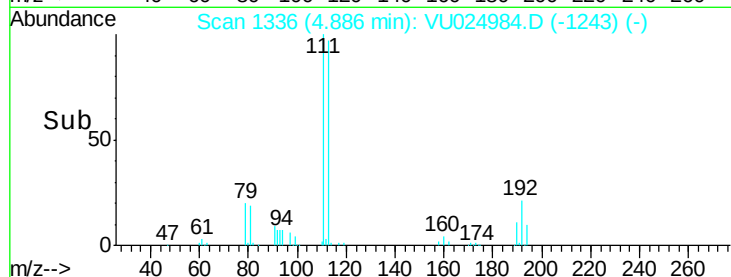
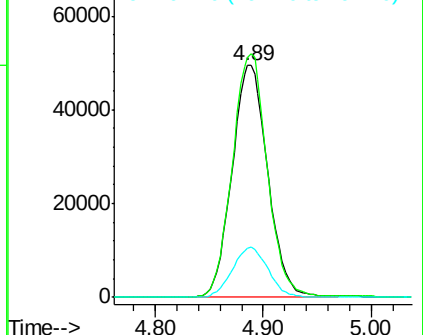
#35
 Dibromofluoromethane
 Concen: 49.397 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Tgt Ion:113 Resp: 114090
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 21.6 16.2 24.4

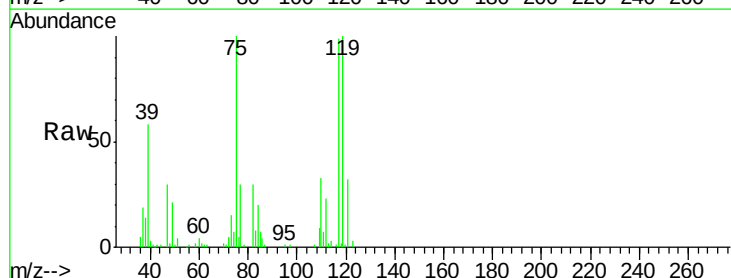


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

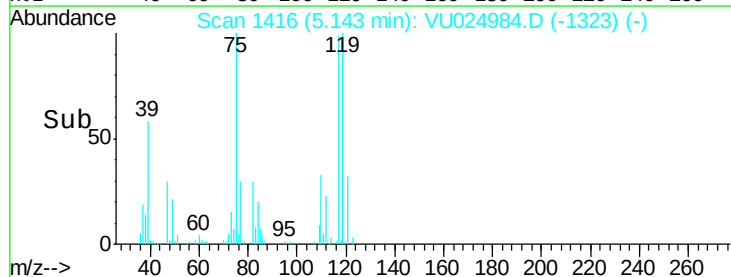
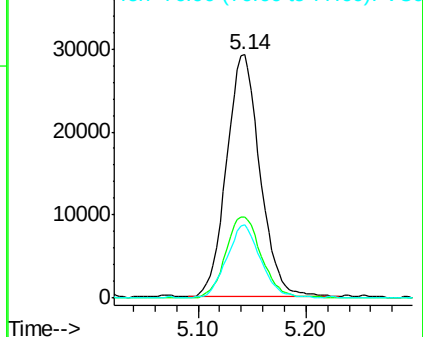


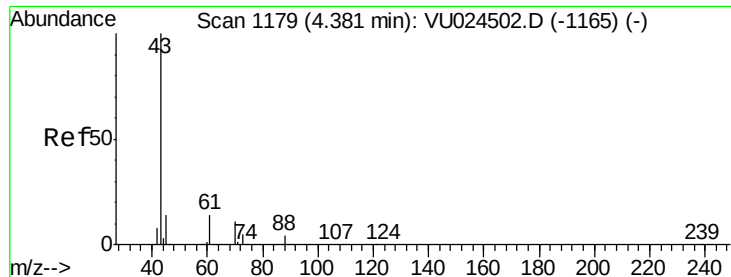
#36
 1,1-Dichloropropene
 Concen: 19.334 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion: 75 Resp: 63227
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.0 50.9
 77 30.7 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

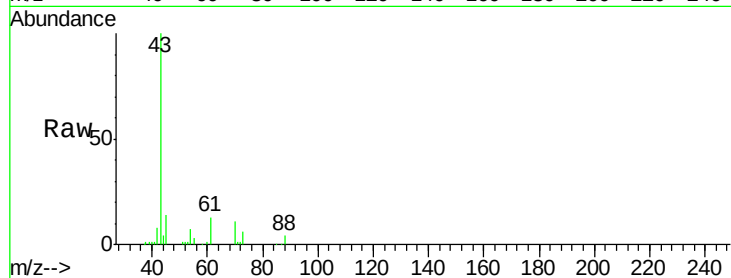




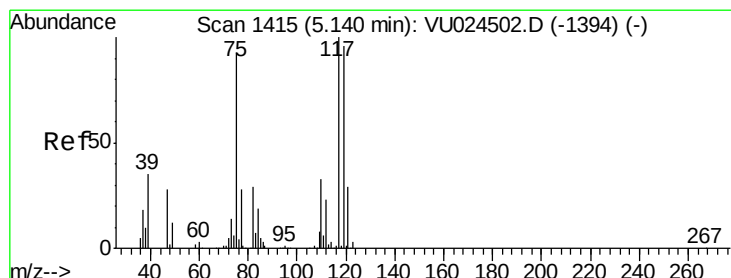
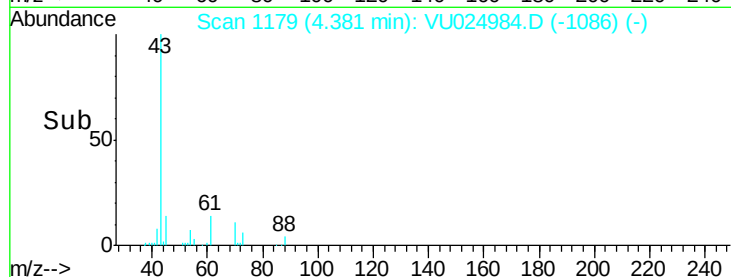
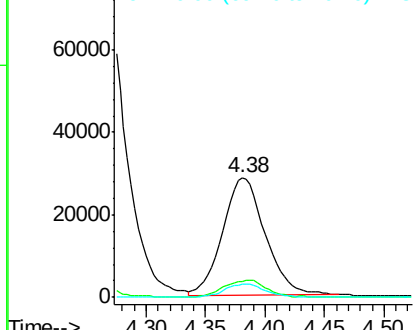
#37
Ethyl Acetate
 Concen: 19.996 ug/l
 RT: 4.38 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Tgt Ion: 43 Resp: 71272
 Ion Ratio Lower Upper
 43 100
 61 13.3 10.5 15.7
 70 11.0 7.4 11.2

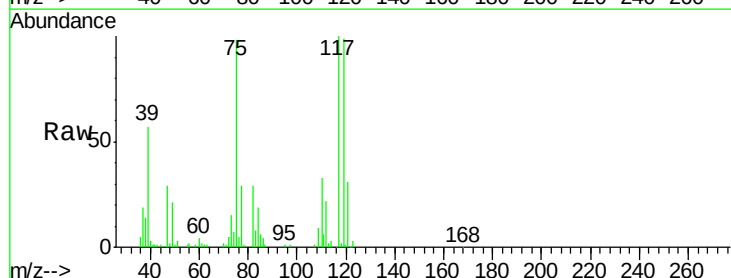


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

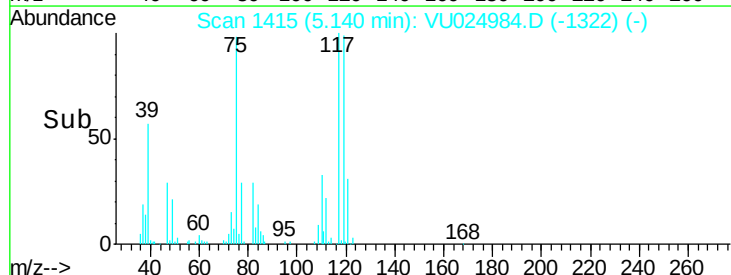
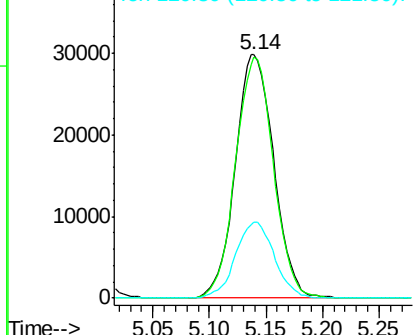


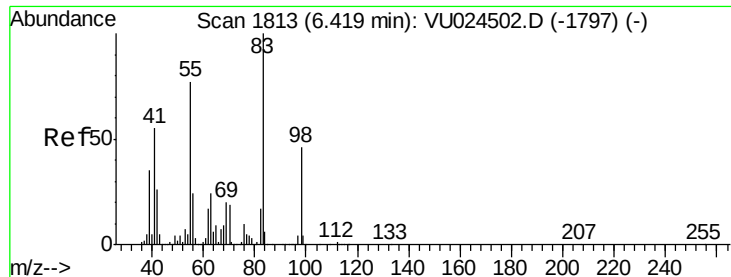
#38
Carbon Tetrachloride
 Concen: 19.622 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion: 117 Resp: 70564
 Ion Ratio Lower Upper
 117 100
 119 99.1 76.1 114.1
 121 31.4 23.7 35.5



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

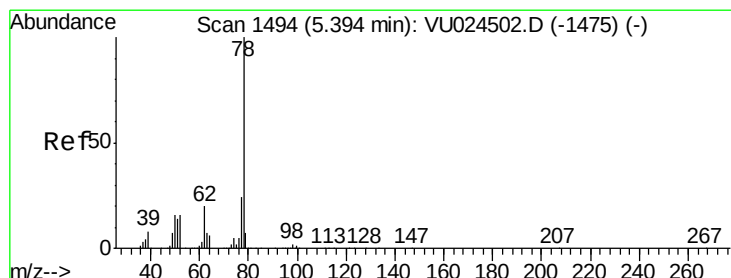
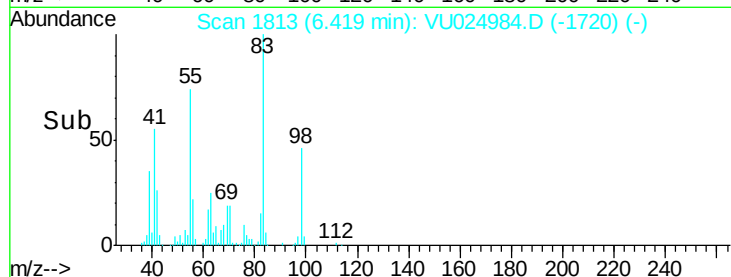
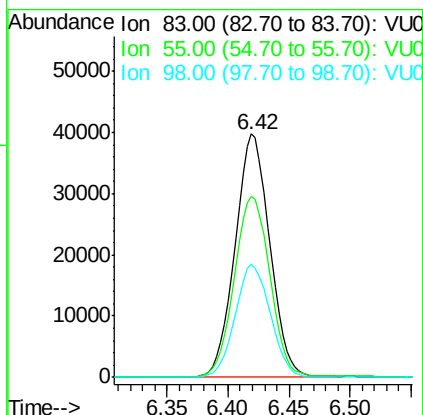
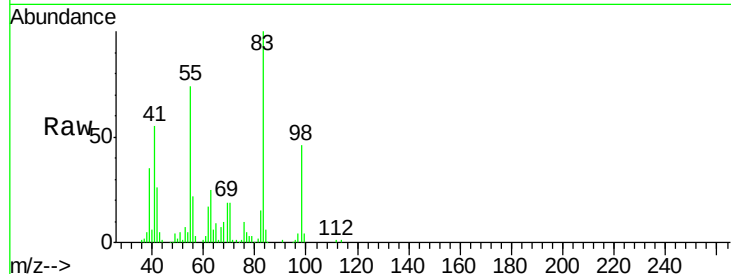




#39
Methylcyclohexane
Concen: 19.188 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

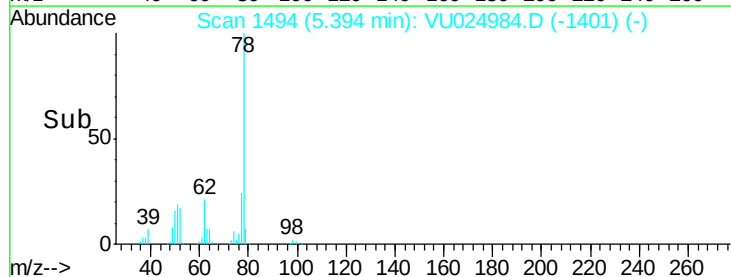
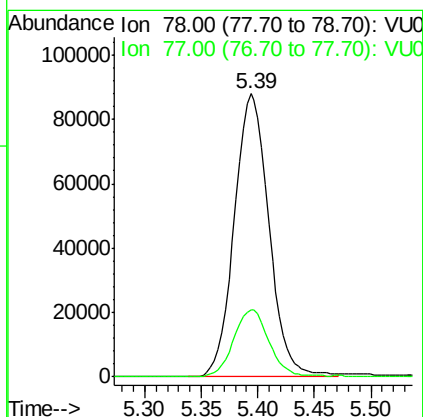
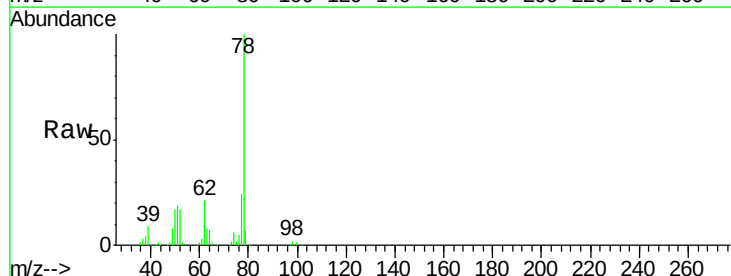
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

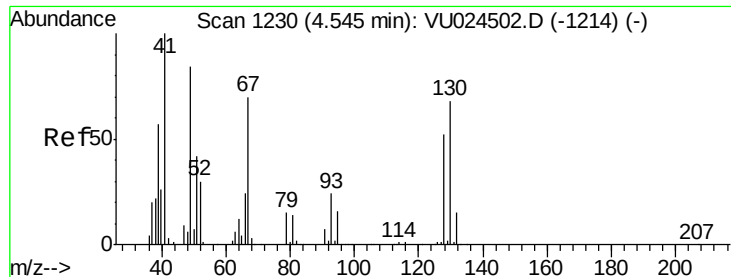
Tgt Ion: 83 Resp: 78304
Ion Ratio Lower Upper
83 100
55 74.4 65.8 98.6
98 46.3 36.7 55.1



#40
Benzene
Concen: 20.193 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion: 78 Resp: 188162
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8

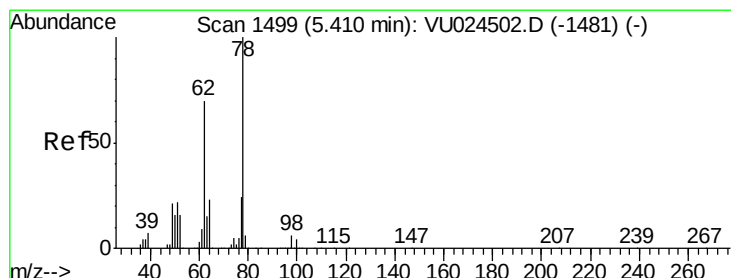
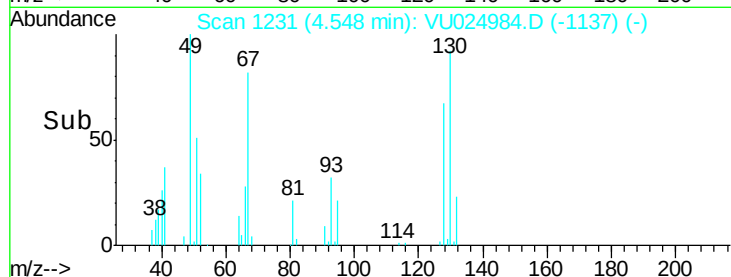
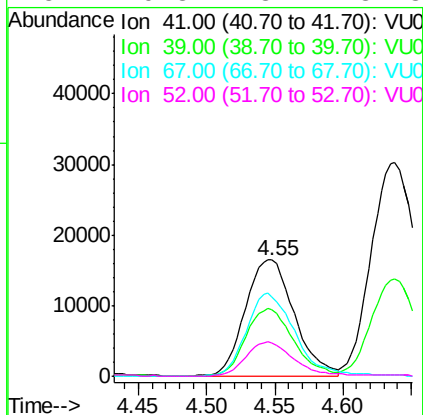
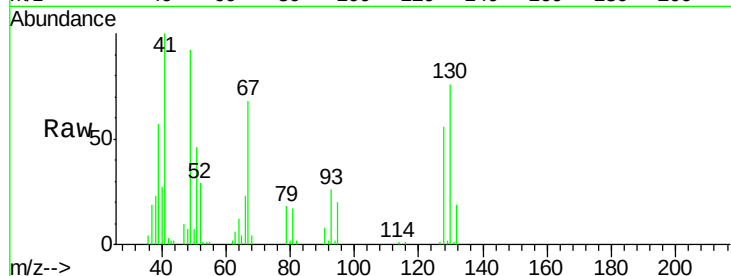




#41
Methacrylonitrile
Concen: 21.502 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

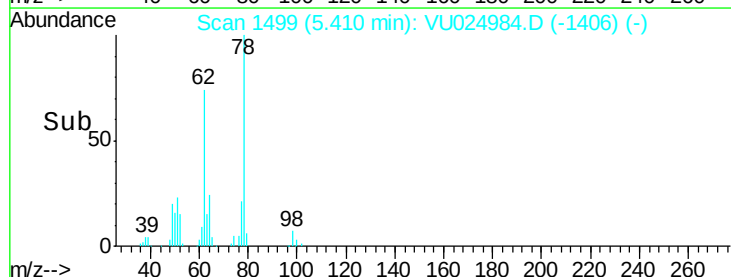
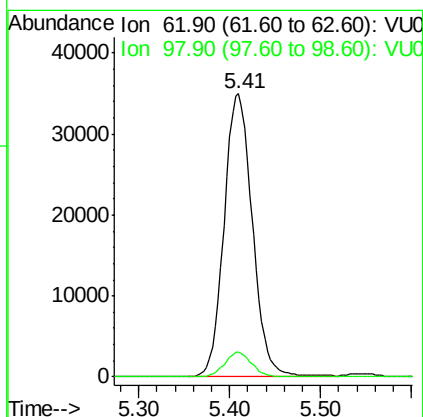
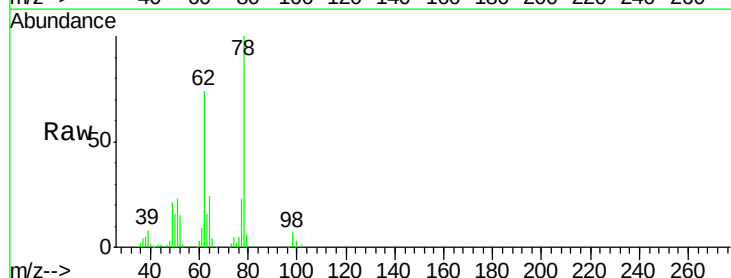
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

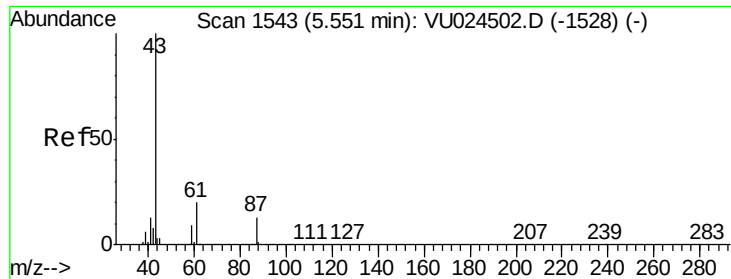
Tgt Ion:	41	Resp:	41320
Ion	Ratio	Lower	Upper
41	100		
39	56.4	43.8	65.6
67	70.5	56.3	84.5
52	29.3	23.2	34.8



#42
1,2-Dichloroethane
Concen: 21.327 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion:	62	Resp:	75689
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6

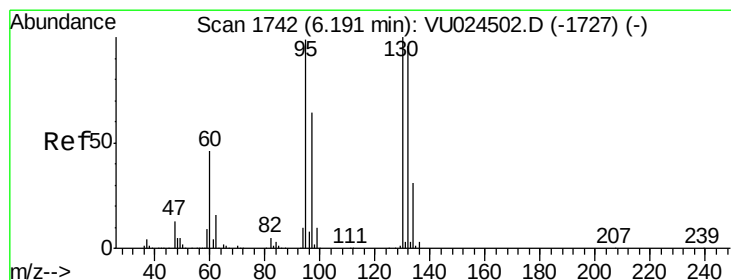
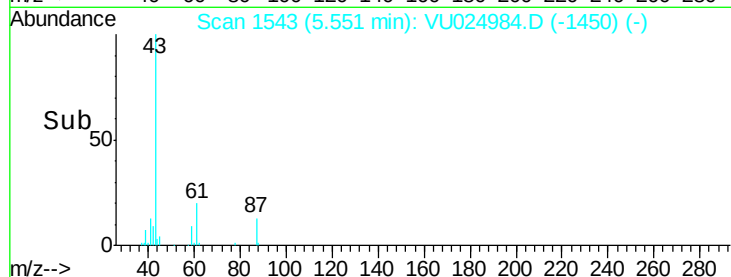
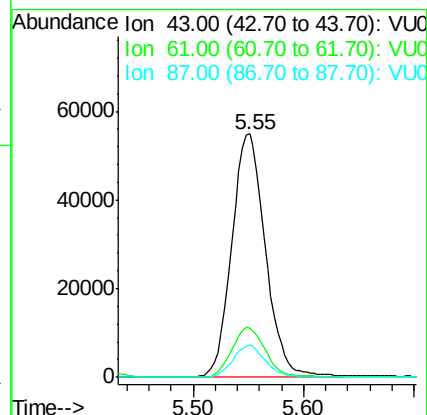
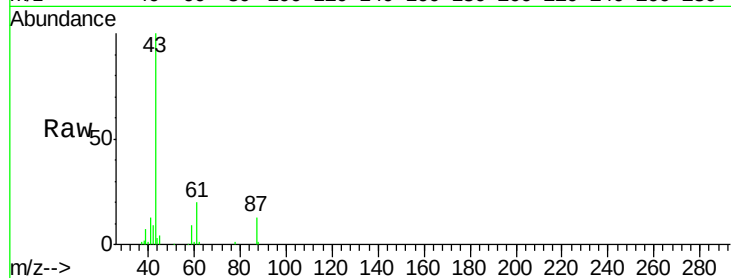




#43
Isopropyl Acetate
Concen: 18.773 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

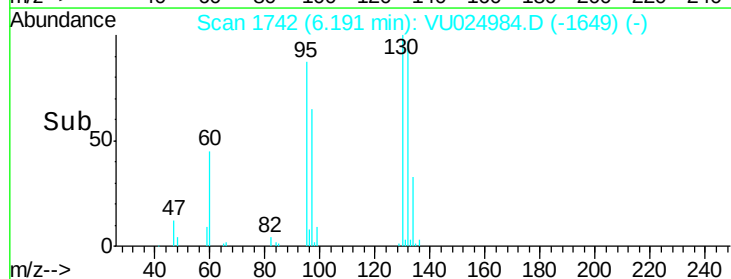
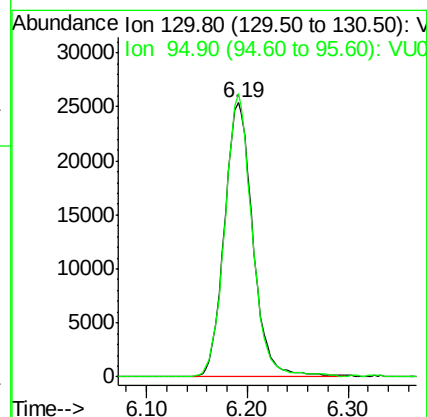
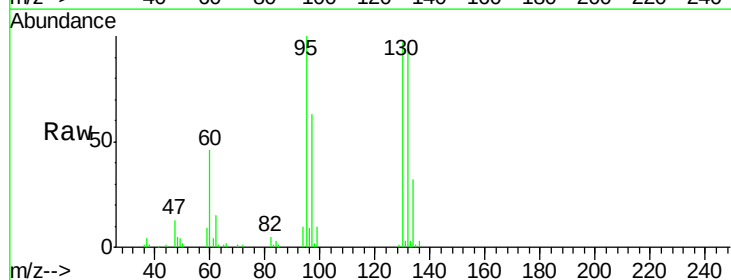
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

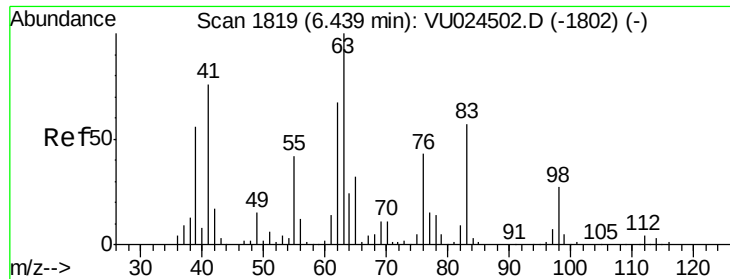
Tgt Ion: 43 Resp: 115663
Ion Ratio Lower Upper
43 100
61 20.5 15.4 23.0
87 12.8 10.0 15.0



#44
Trichloroethene
Concen: 18.906 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion: 130 Resp: 50137
Ion Ratio Lower Upper
130 100
95 103.3 0.0 202.4

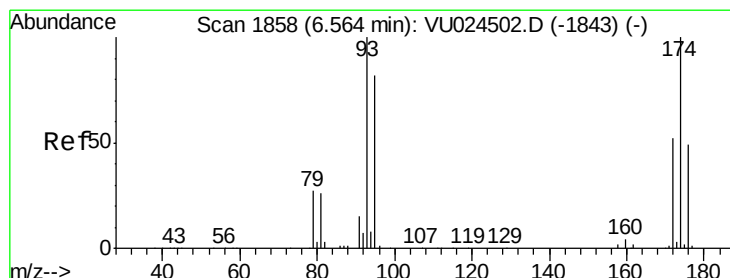
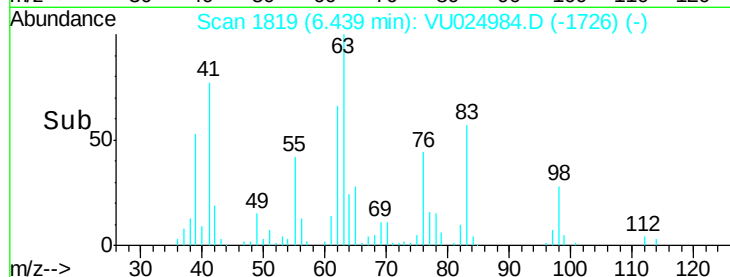
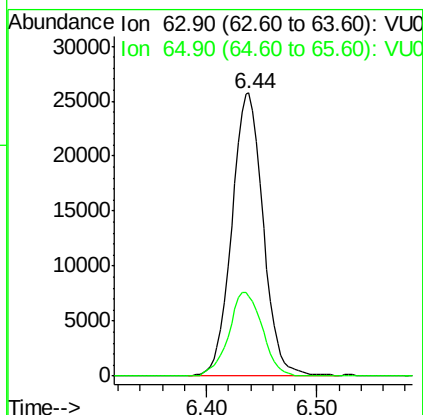
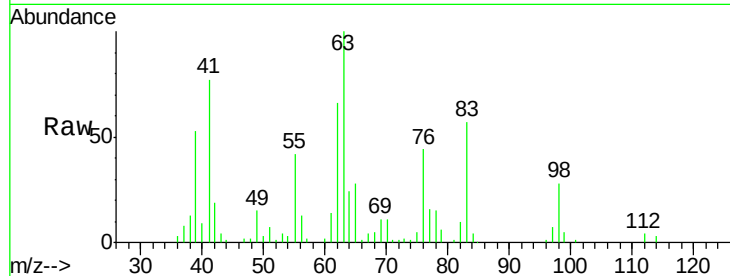




#45
 1,2-Dichloropropane
 Concen: 20.405 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

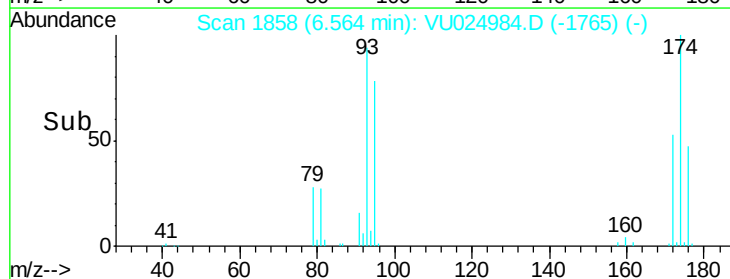
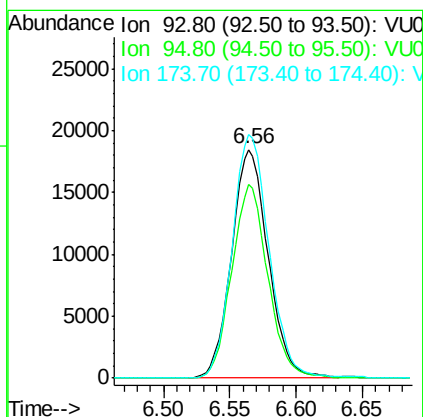
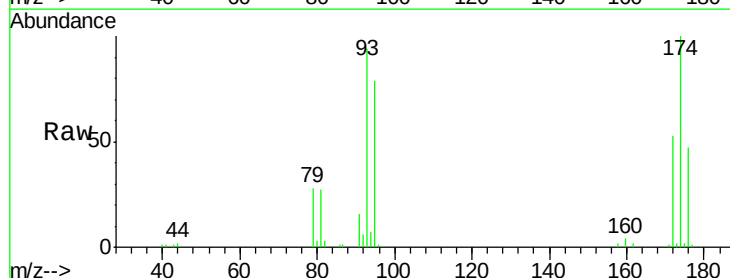
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

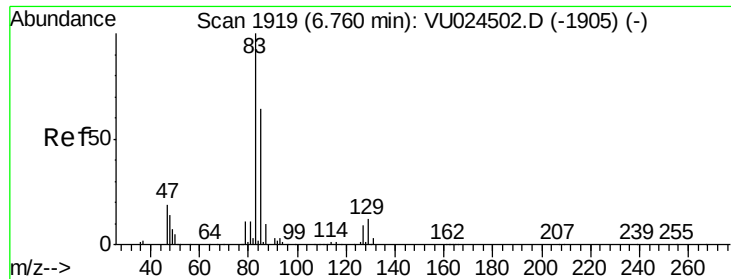
Tgt Ion: 63 Resp: 50734
 Ion Ratio Lower Upper
 63 100
 65 28.3 24.8 37.2



#46
 Dibromomethane
 Concen: 20.314 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion: 93 Resp: 35476
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.5 98.3
 174 107.6 78.7 118.1





#47

Bromodichloromethane

Concen: 19.630 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

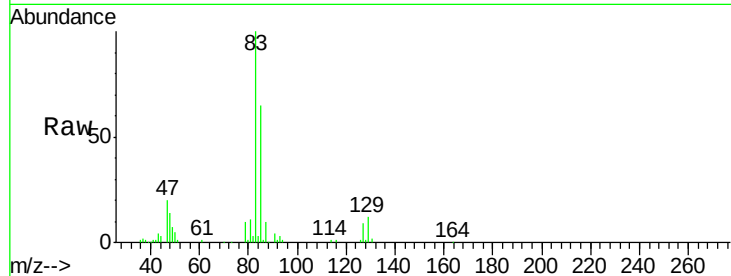
Tgt Ion: 83 Resp: 68265

Ion Ratio Lower Upper

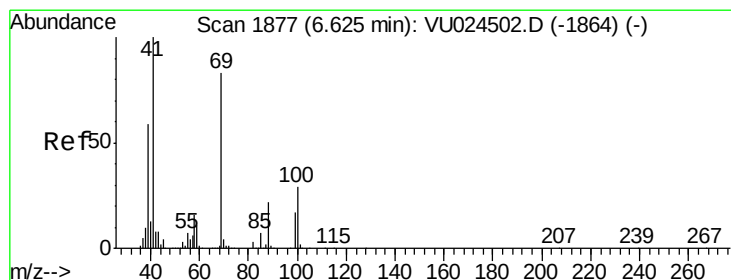
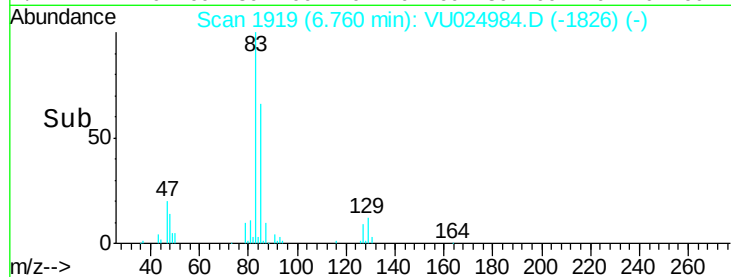
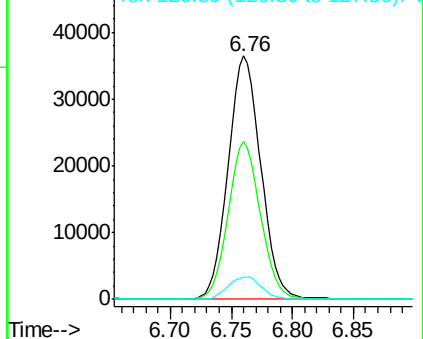
83 100

85 64.8 51.9 77.9

127 8.9 6.6 9.8



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



#48

Methyl methacrylate

Concen: 20.280 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

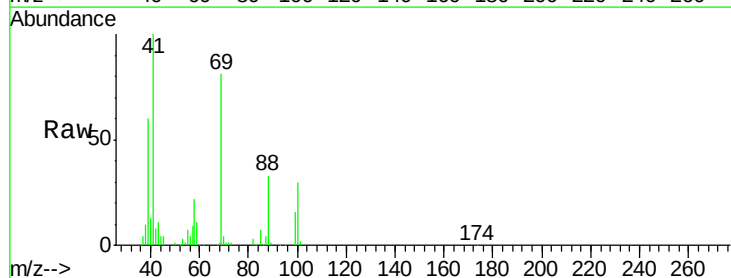
Tgt Ion: 41 Resp: 60842

Ion Ratio Lower Upper

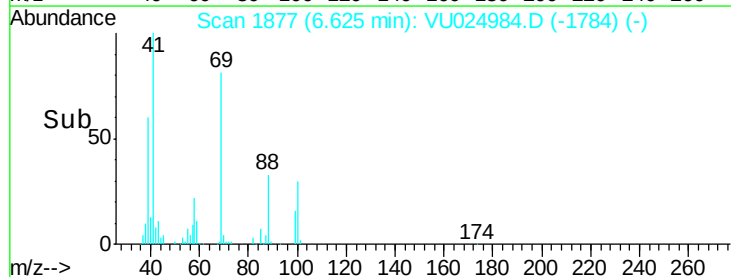
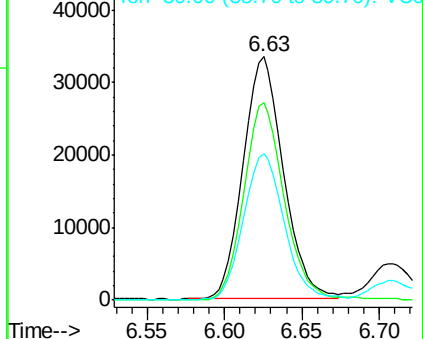
41 100

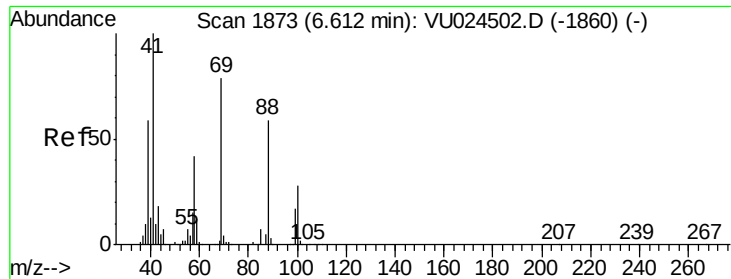
69 82.0 67.3 100.9

39 61.2 46.5 69.7



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

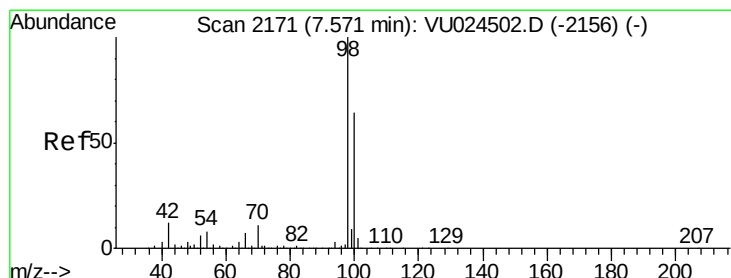
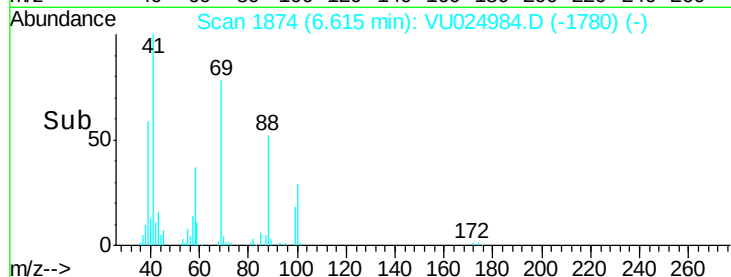
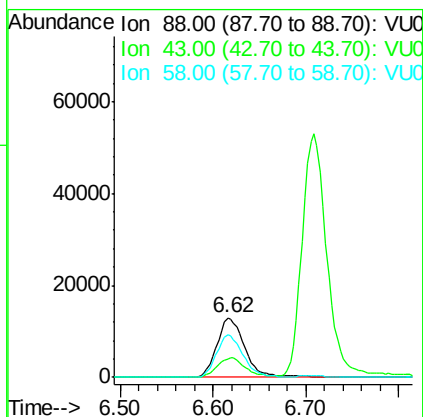
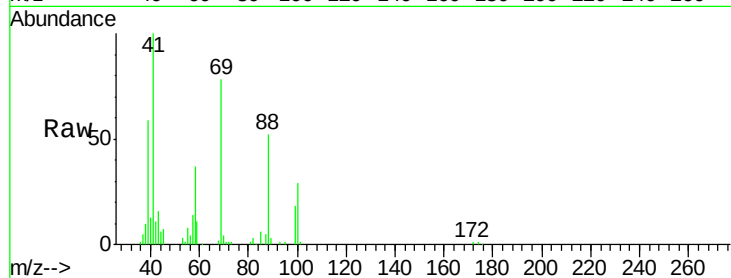




#49
 1,4-Dioxane
 Concen: 462.132 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

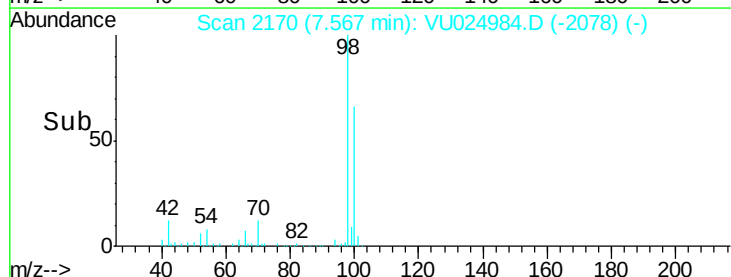
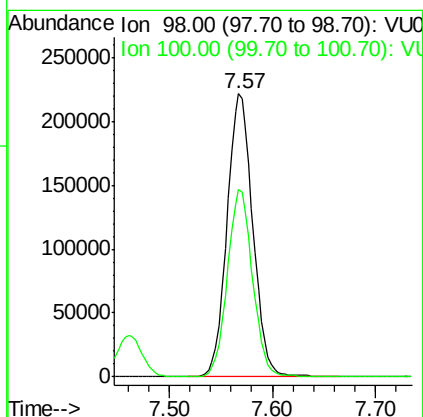
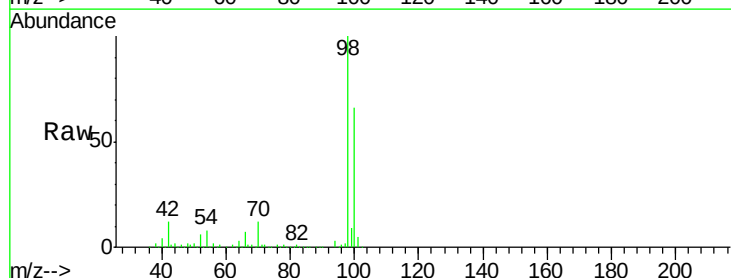
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

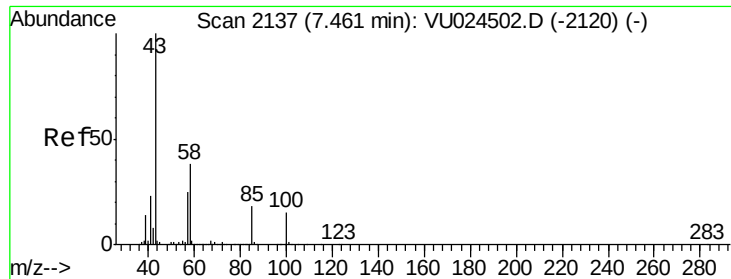
Tgt Ion: 88 Resp: 27113
 Ion Ratio Lower Upper
 88 100
 43 33.2 28.6 42.8
 58 67.7 58.2 87.4



#50
 Toluene-d8
 Concen: 45.842 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion: 98 Resp: 386197
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 97.633 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

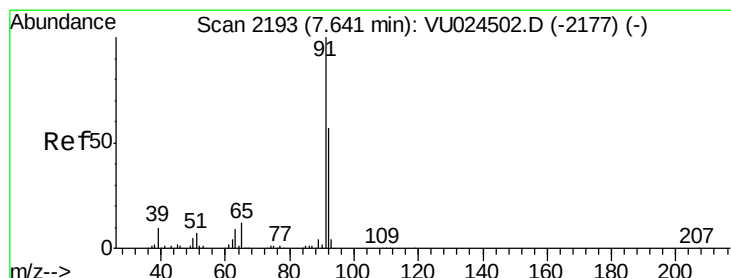
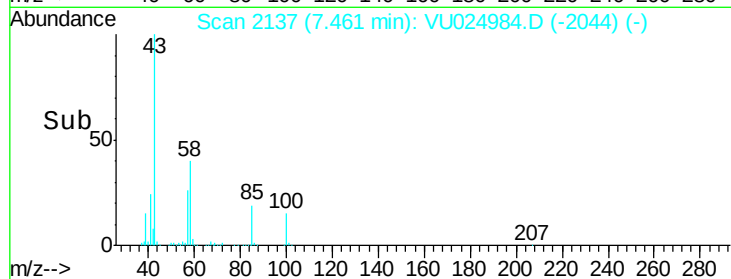
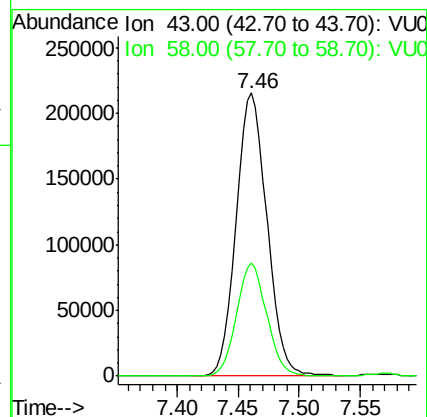
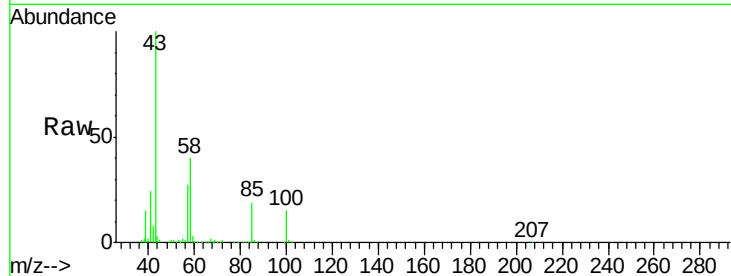
VU0627MBSD04

Tgt Ion: 43 Resp: 377904

Ion Ratio Lower Upper

43 100

58 39.2 30.0 45.0



#52

Toluene

Concen: 19.733 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024984.D

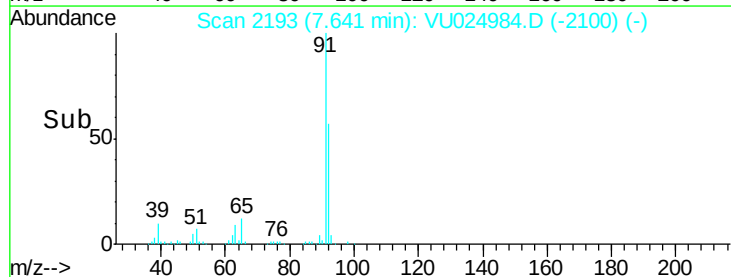
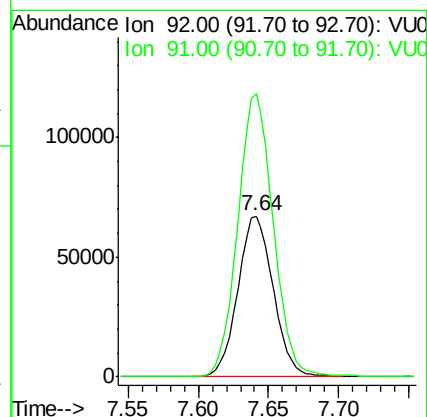
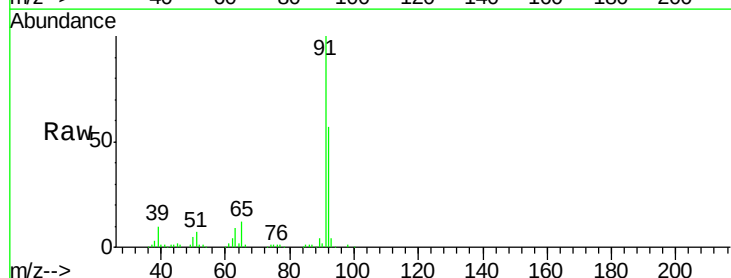
Acq: 27 Jun 2018 22:55

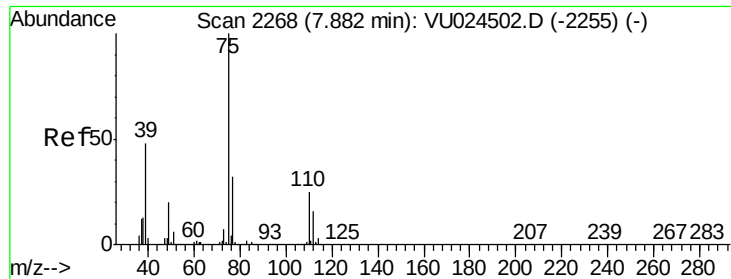
Tgt Ion: 92 Resp: 118298

Ion Ratio Lower Upper

92 100

91 176.5 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 18.503 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

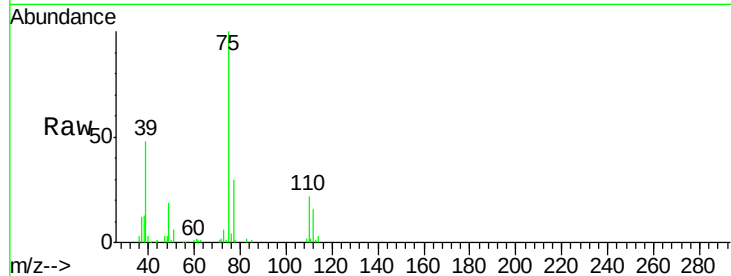
VU0627MBSD04

Tgt Ion: 75 Resp: 72262

Ion Ratio Lower Upper

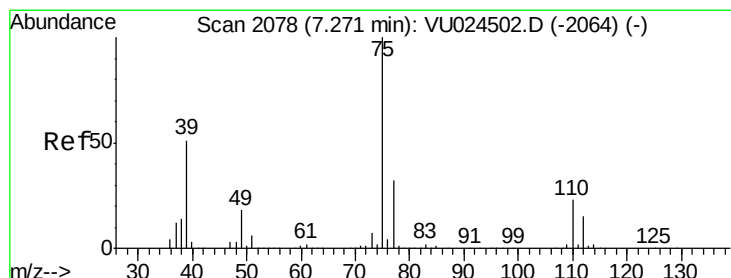
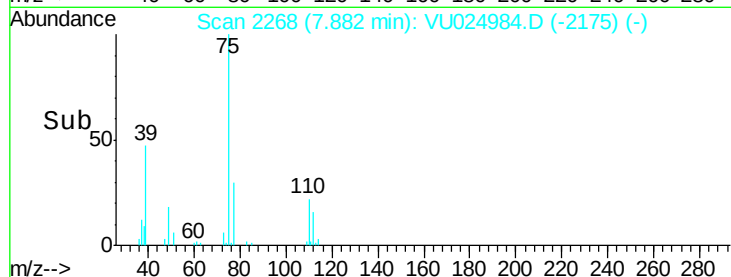
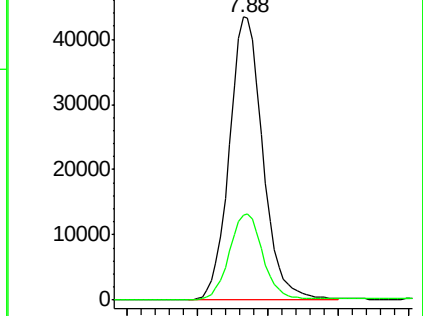
75 100

77 30.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 17.983 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

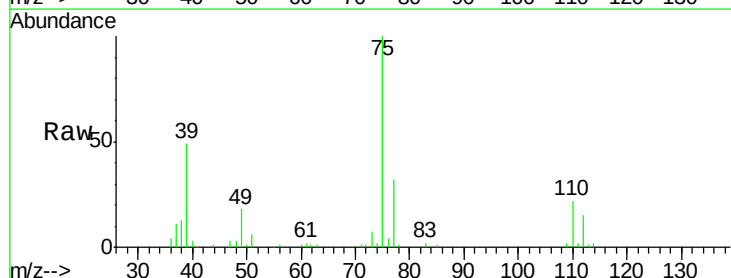
Tgt Ion: 75 Resp: 74836

Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8

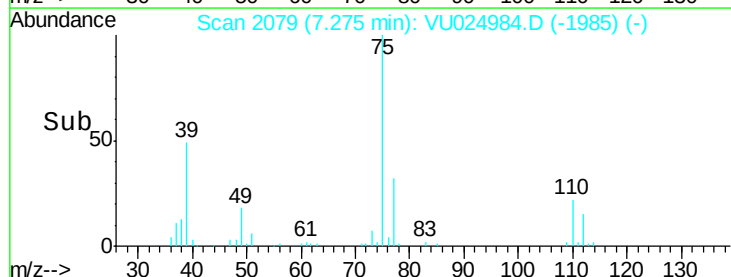
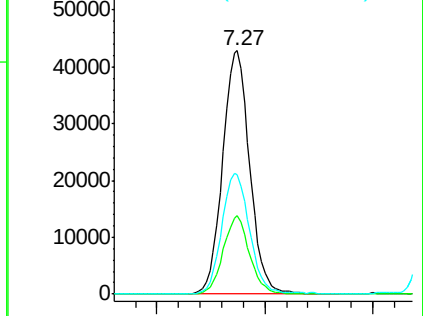
39 48.6 39.8 59.6

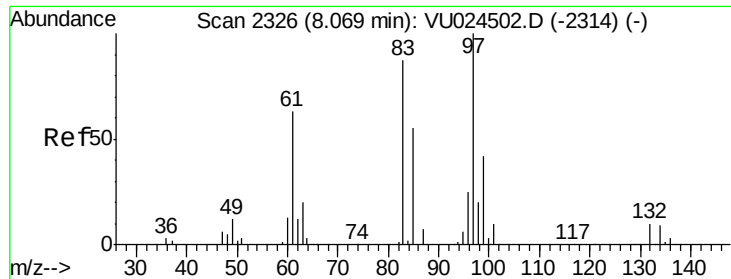


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

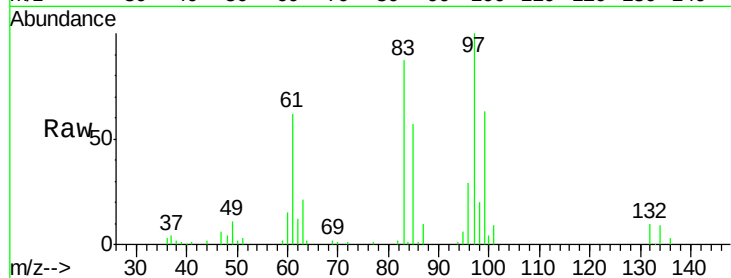




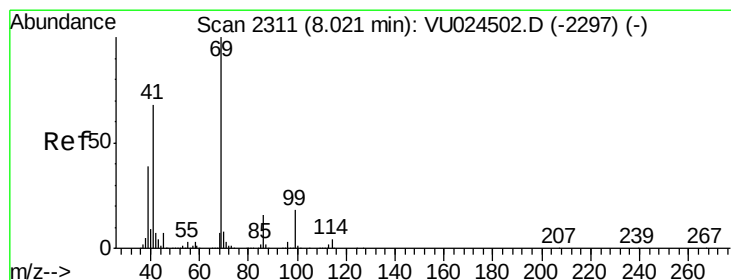
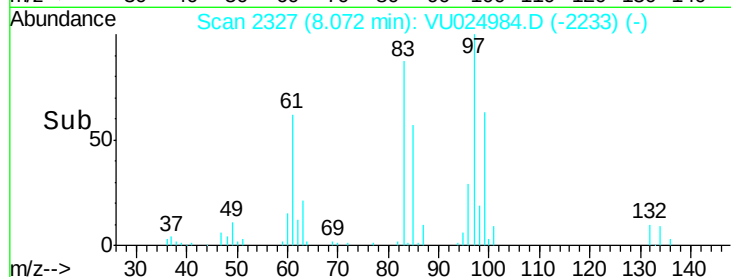
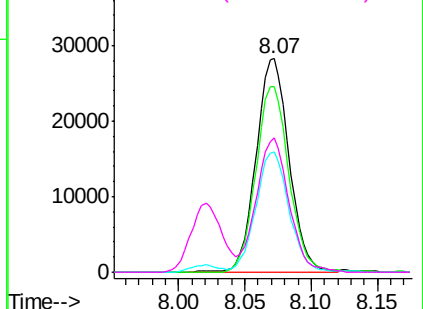
#55
 1,1,2-Trichloroethane
 Concen: 20.070 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Tgt Ion:	97	Resp:	48908
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.5	105.7
85	56.1	46.4	69.6
99	62.1	50.2	75.2

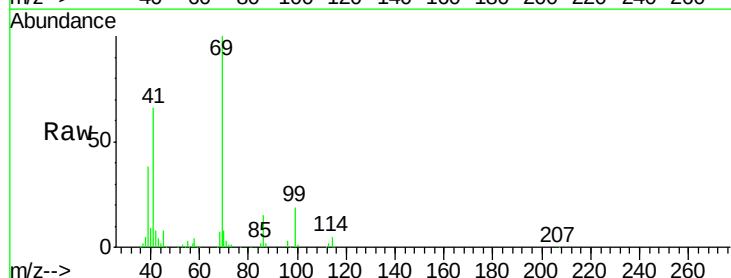


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

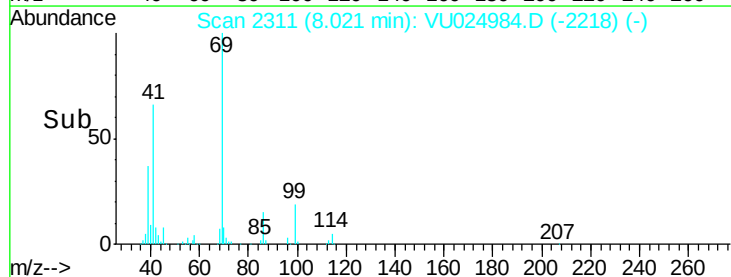
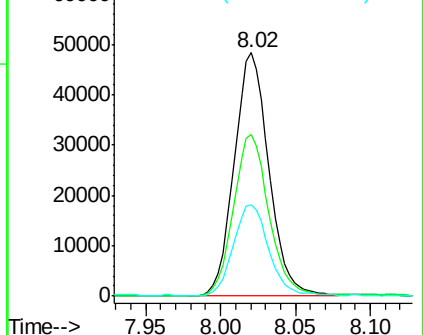


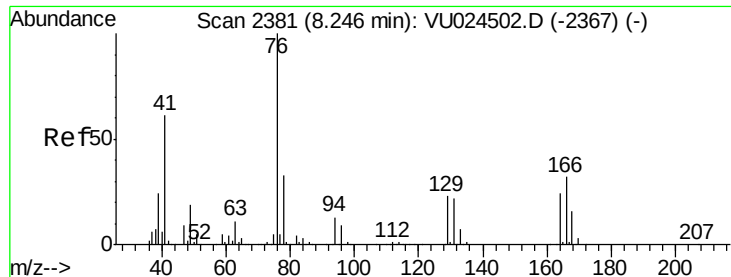
#56
 Ethyl methacrylate
 Concen: 19.181 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion:	69	Resp:	78234
Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.1	81.1
39	37.5	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

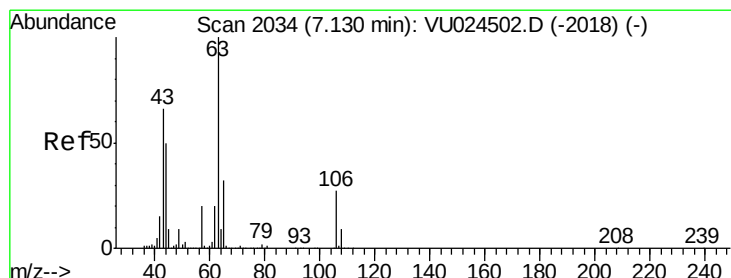
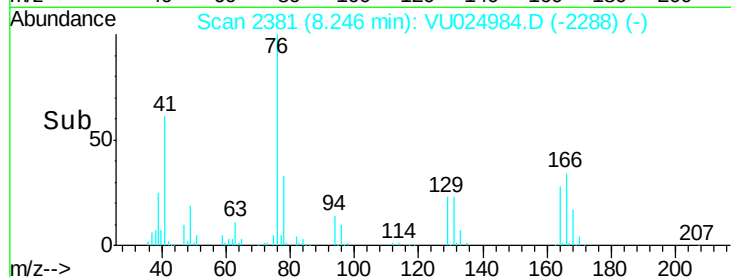
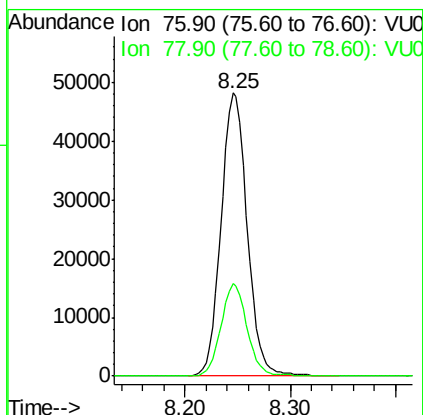
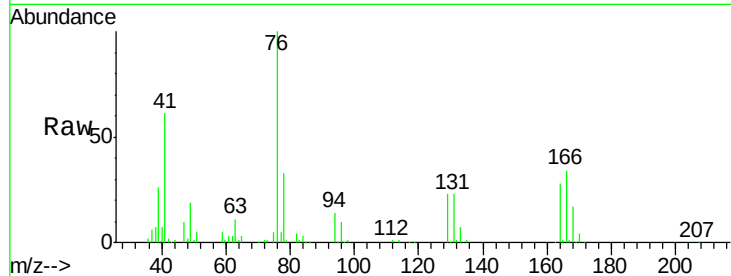




#57
 1,3-Dichloropropane
 Concen: 20.089 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

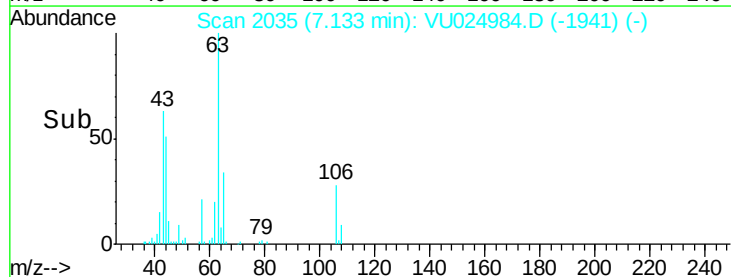
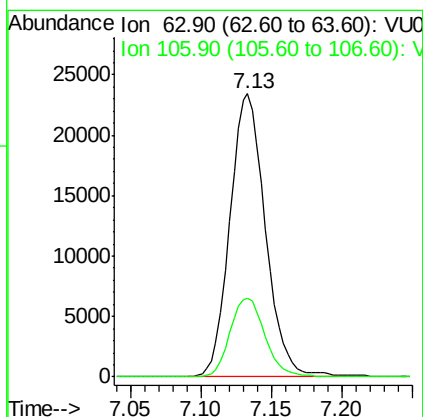
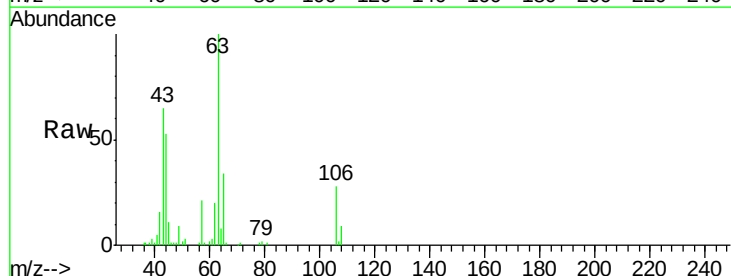
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

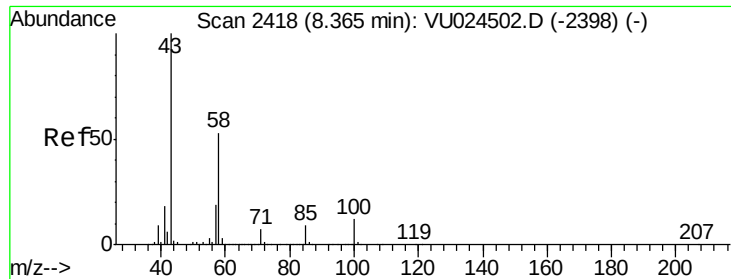
Tgt Ion: 76 Resp: 82581
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 26.396 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion: 63 Resp: 41246
 Ion Ratio Lower Upper
 63 100
 106 27.3 20.2 30.2

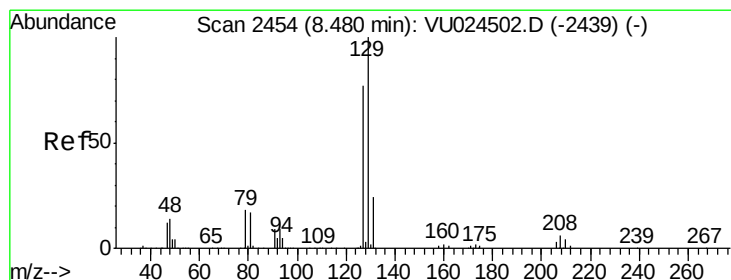
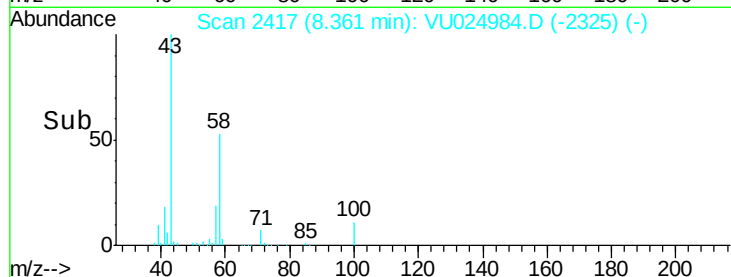
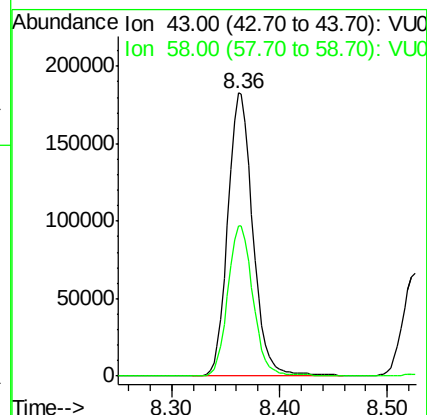
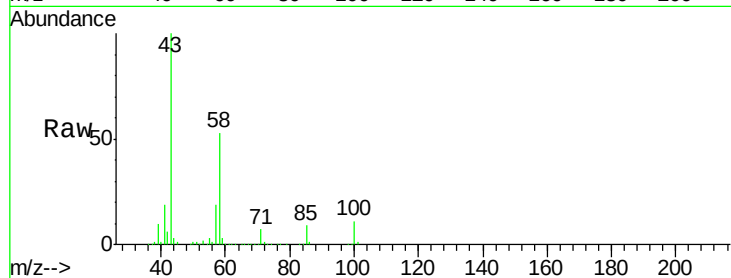




#59
2-Hexanone
Concen: 93.638 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

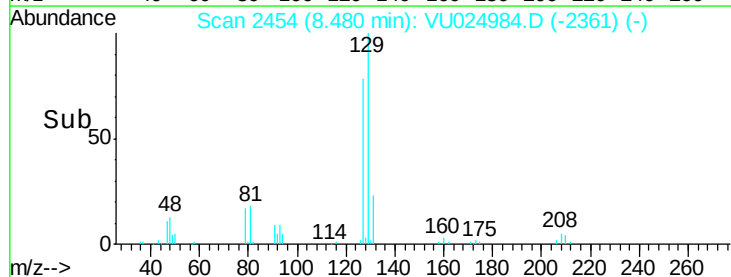
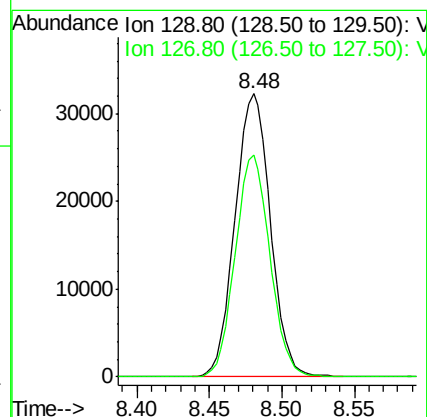
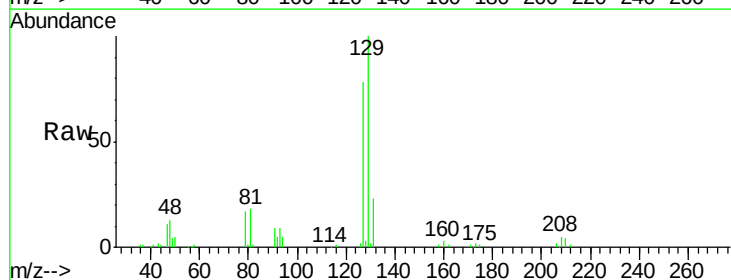
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

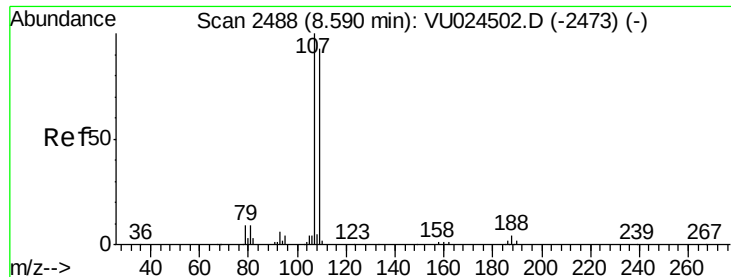
Tgt Ion: 43 Resp: 295898
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0



#60
Dibromochloromethane
Concen: 17.982 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion: 129 Resp: 54644
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.676 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

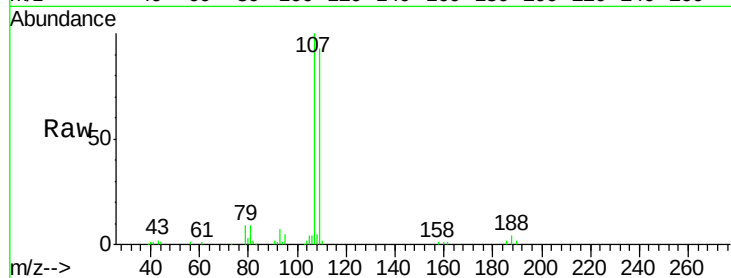
VU0627MBSD04

Tgt Ion:107 Resp: 53368

Ion Ratio Lower Upper

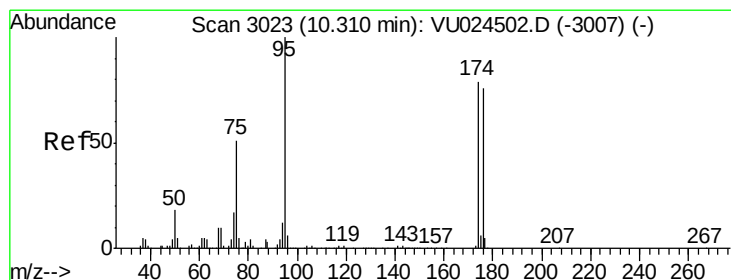
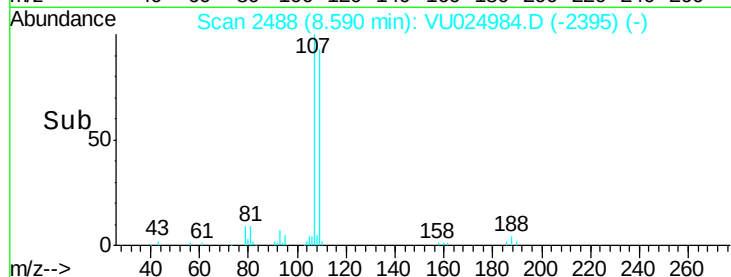
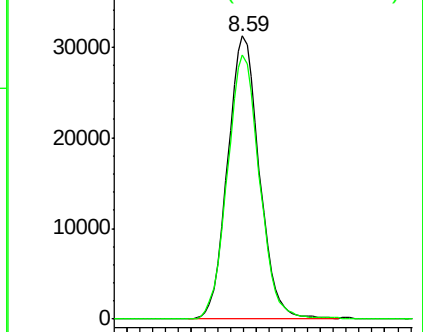
107 100

109 94.2 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.175 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

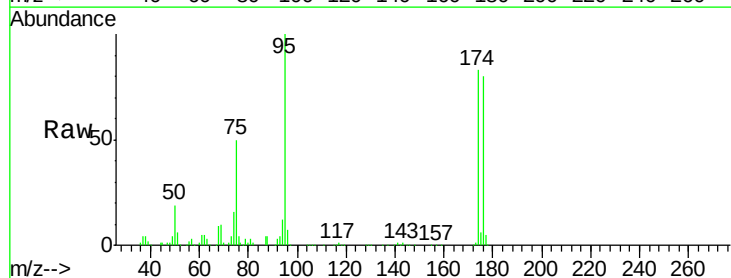
Tgt Ion: 95 Resp: 157796

Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

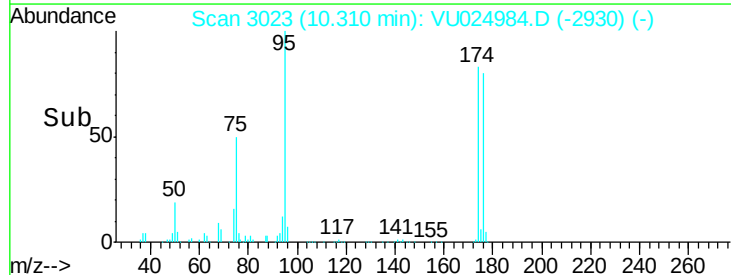
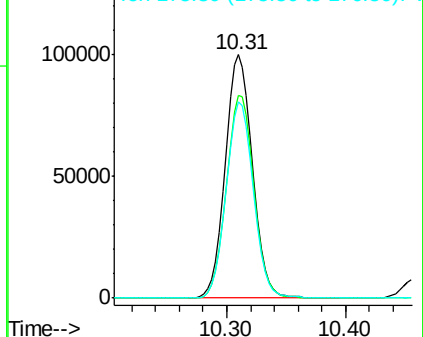
176 80.8 0.0 159.4

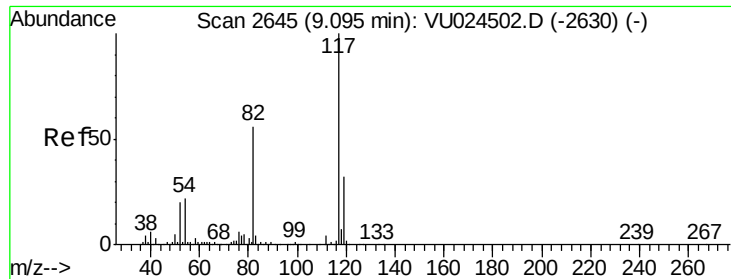


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

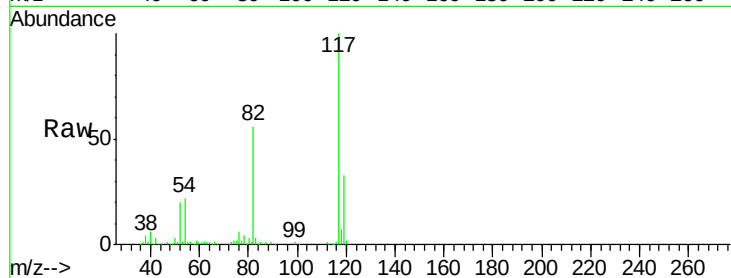




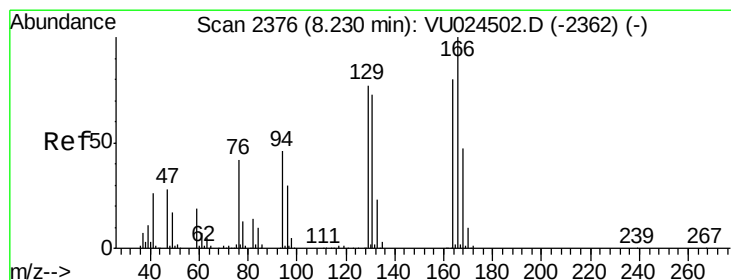
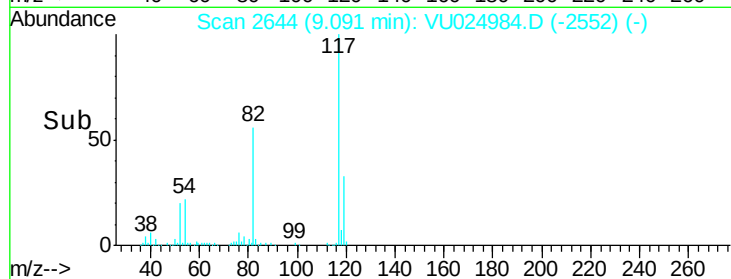
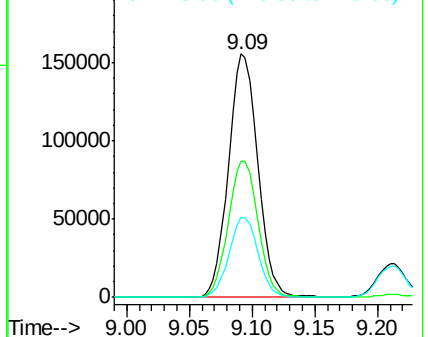
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tgt Ion:117 Resp: 253629
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 32.6 25.4 38.2



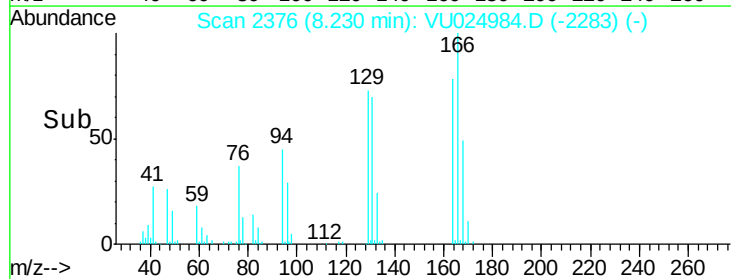
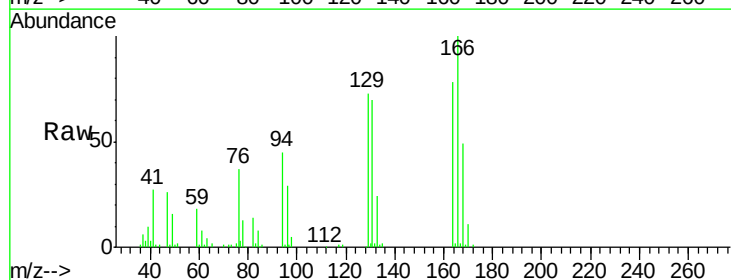
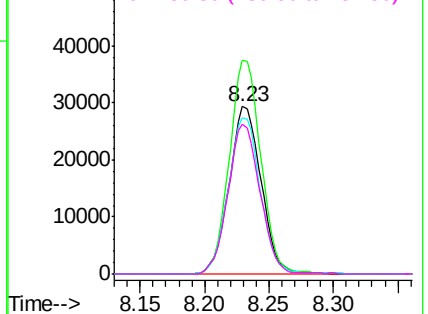
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

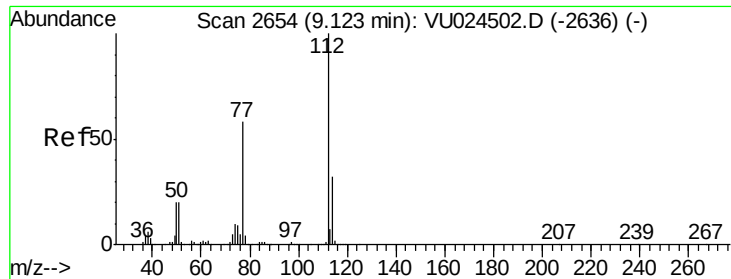


#64
Tetrachloroethene
Concen: 20.979 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion:164 Resp: 50577
Ion Ratio Lower Upper
164 100
166 127.6 101.7 152.5
129 93.5 76.9 115.3
131 89.8 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

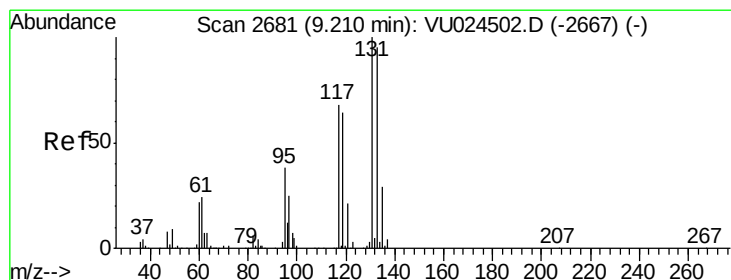
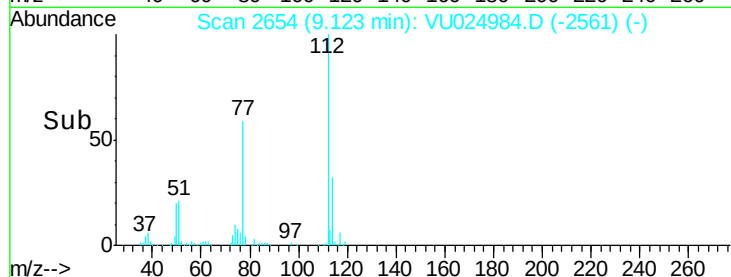
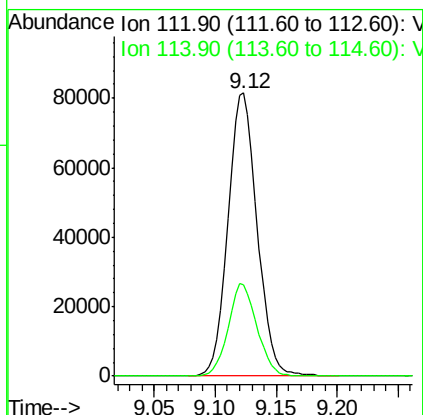
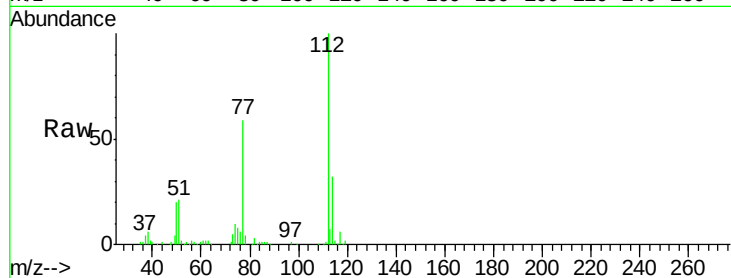




#65
Chlorobenzene
Concen: 21.042 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

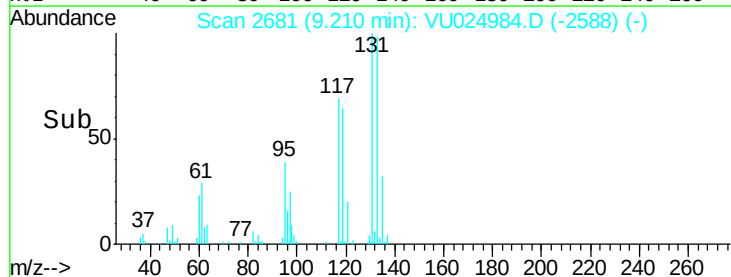
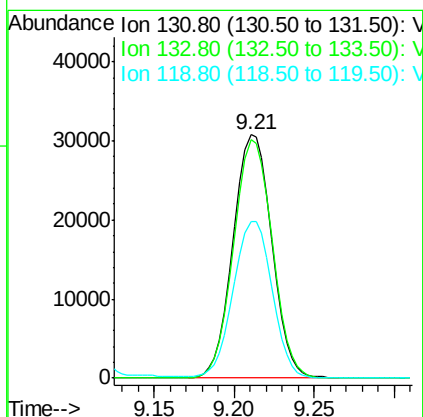
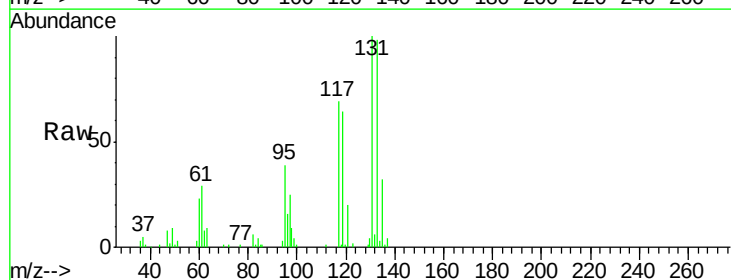
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

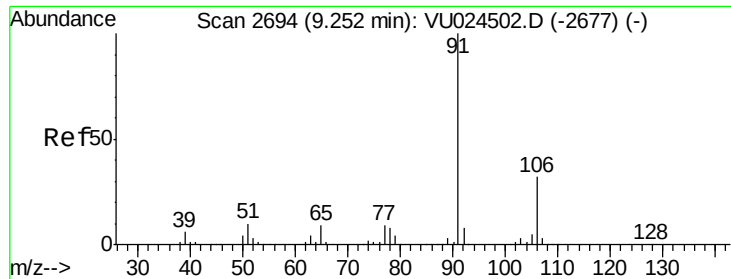
Tgt Ion:112 Resp: 136339
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.652 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion:131 Resp: 50837
Ion Ratio Lower Upper
131 100
133 97.7 46.9 140.8
119 64.8 33.5 100.4

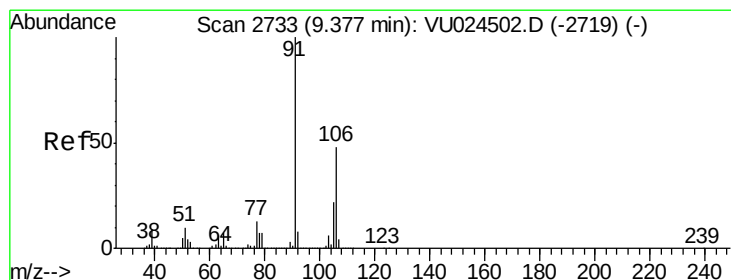
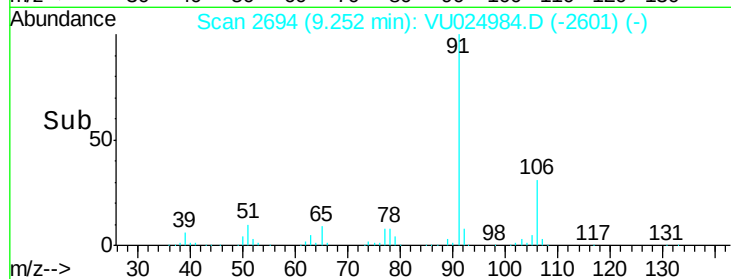
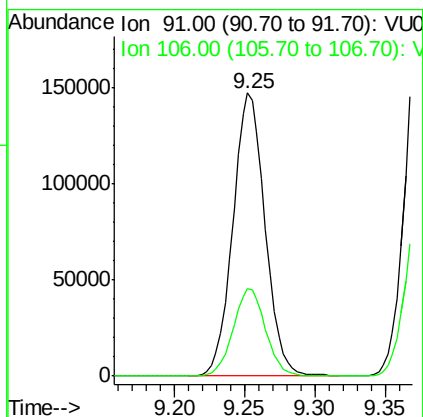
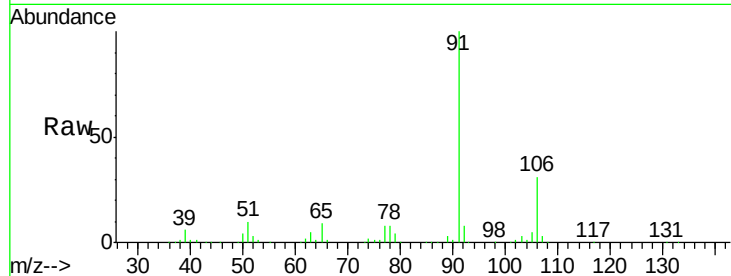




#67
Ethyl Benzene
 Concen: 20.630 ug/l
 RT: 9.25 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

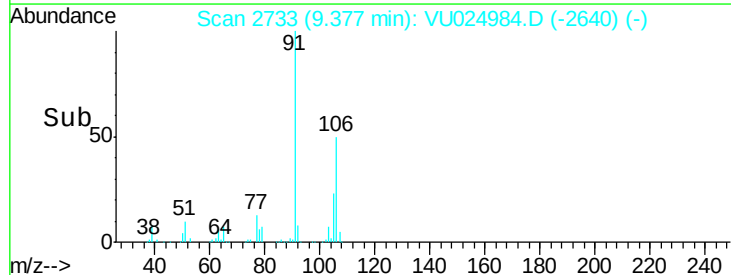
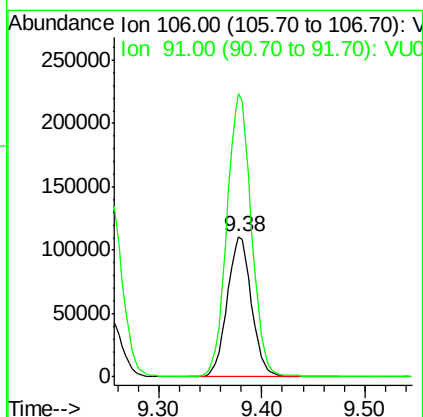
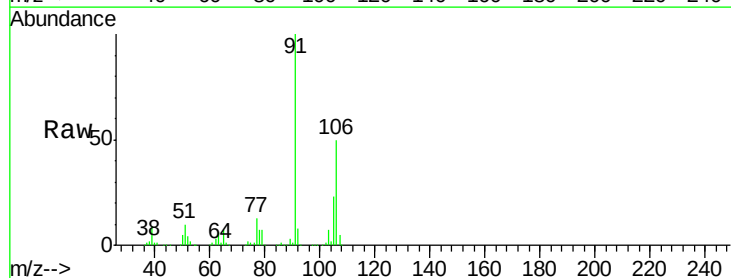
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

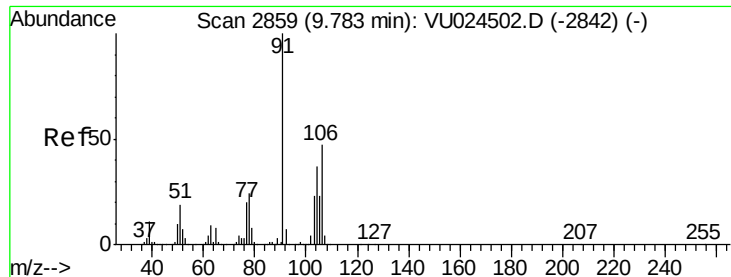
Tgt Ion: 91 Resp: 234334
 Ion Ratio Lower Upper
 91 100
 106 30.8 24.2 36.4



#68
m/p-Xylenes
 Concen: 41.739 ug/l
 RT: 9.38 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion: 106 Resp: 182054
 Ion Ratio Lower Upper
 106 100
 91 203.1 166.5 249.7

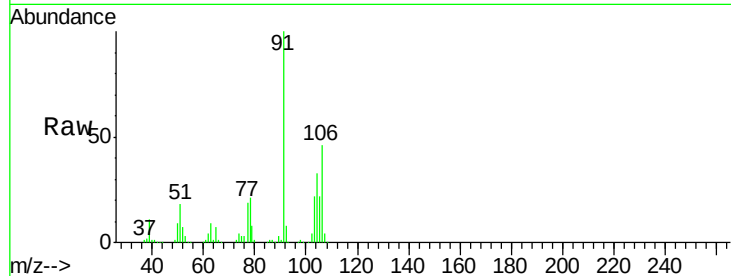




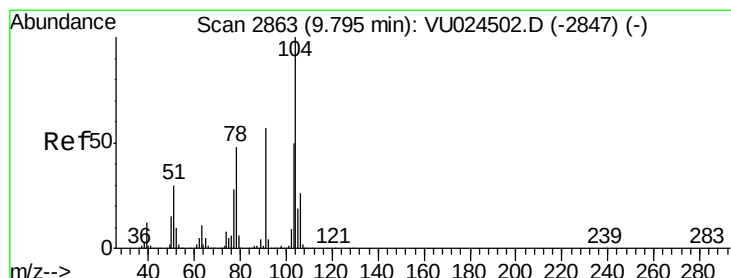
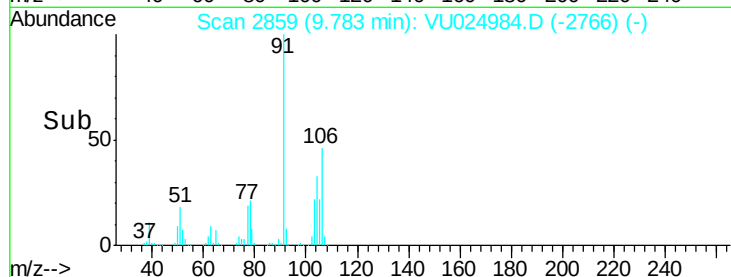
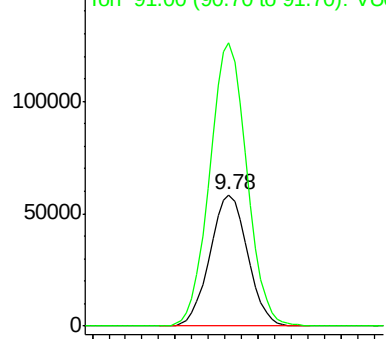
#69
o-Xylene
Concen: 21.304 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tgt Ion:106 Resp: 91964
Ion Ratio Lower Upper
106 100
91 213.4 110.7 331.9

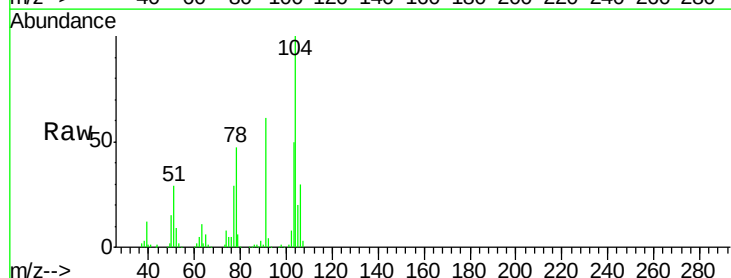


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

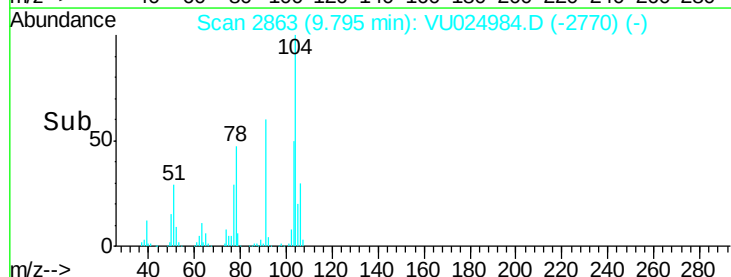
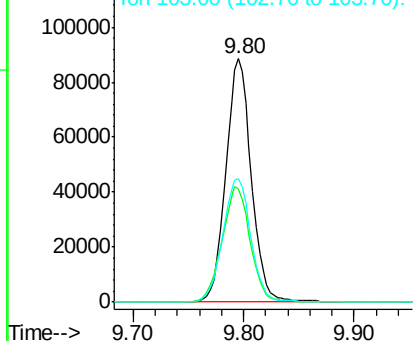


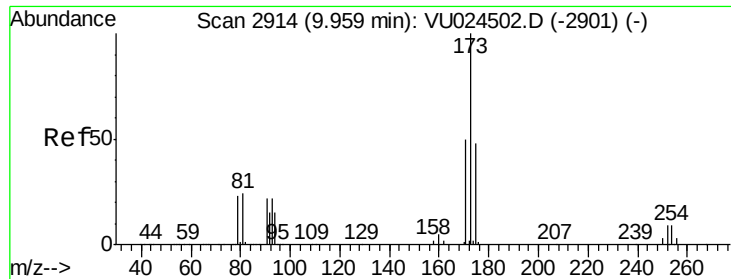
#70
Styrene
Concen: 19.918 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion:104 Resp: 141291
Ion Ratio Lower Upper
104 100
78 52.6 40.6 60.8
103 56.1 44.7 67.1



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

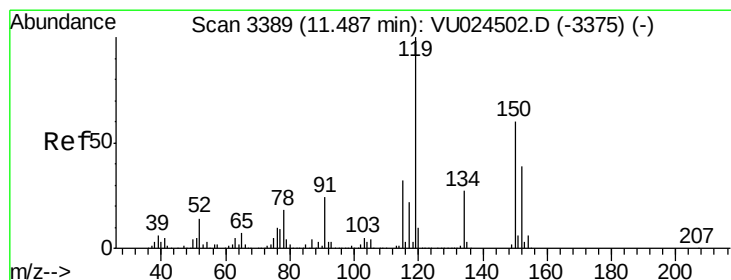
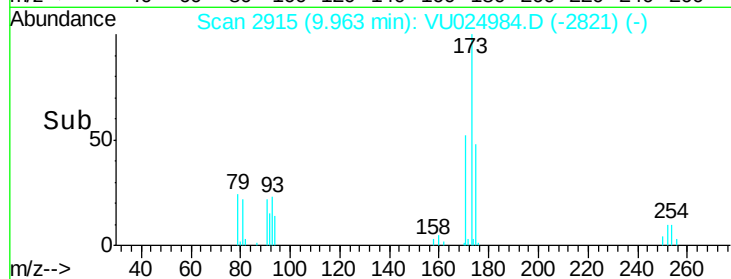
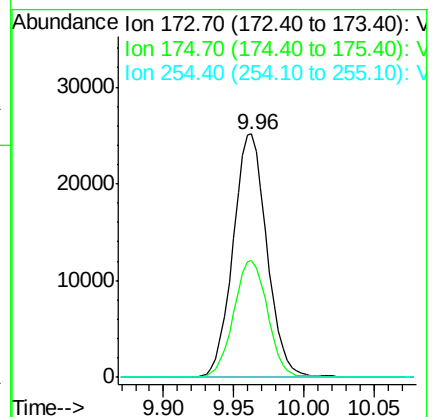
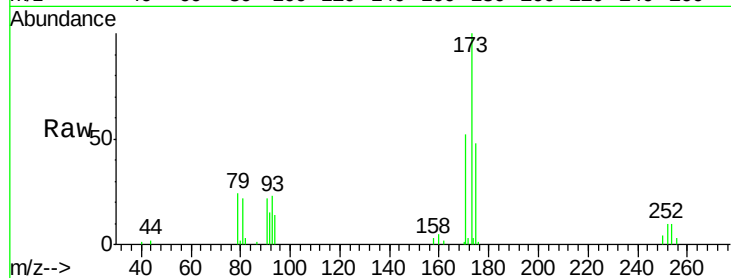




#71
Bromoform
Concen: 18.078 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

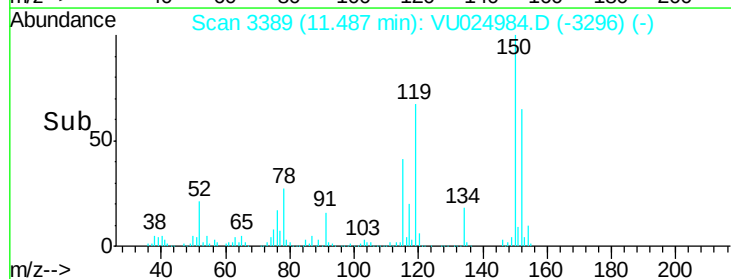
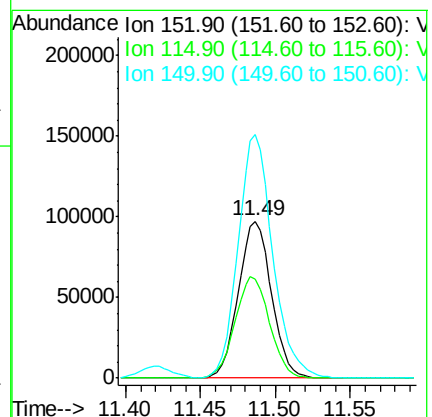
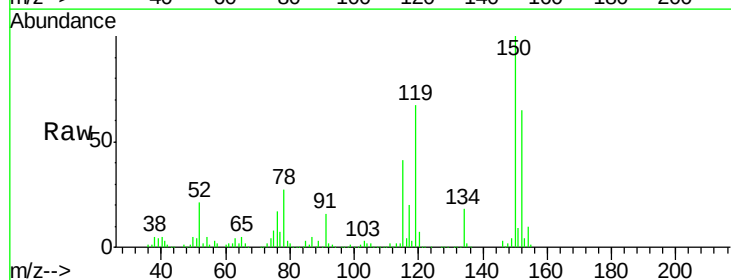
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

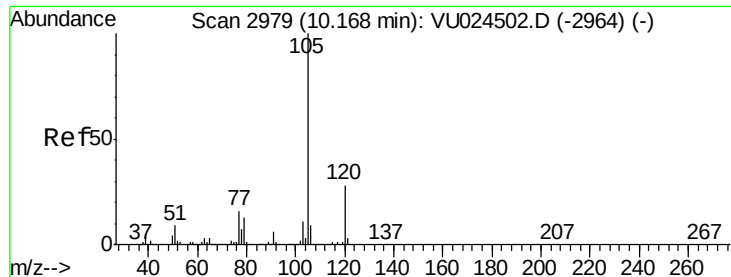
Tgt Ion:173 Resp: 42297
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion:152 Resp: 149830
Ion Ratio Lower Upper
152 100
115 67.3 43.0 129.0
150 162.4 0.0 354.0





#73

Isopropylbenzene

Concen: 21.132 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

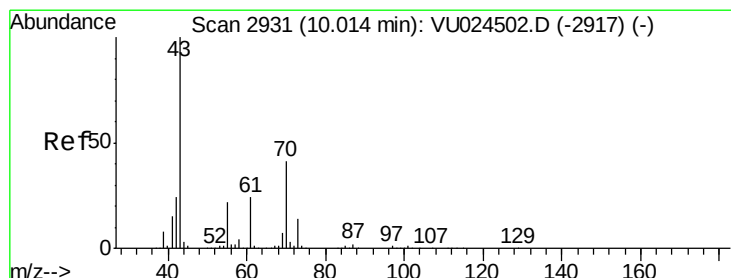
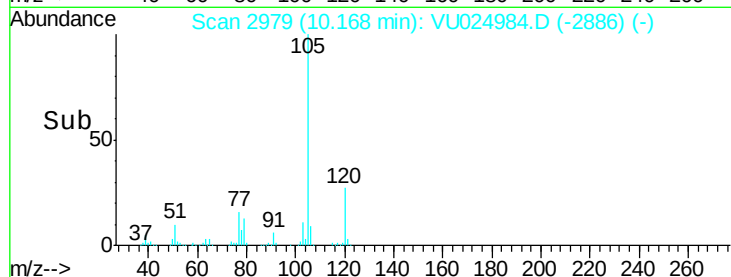
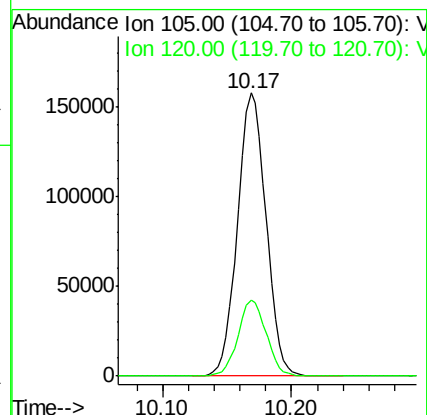
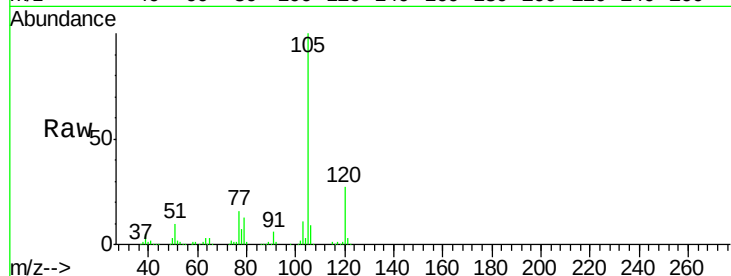
VU0627MBSD04

Tgt Ion: 105 Resp: 243090

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 18.456 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Tgt Ion: 43 Resp: 100985

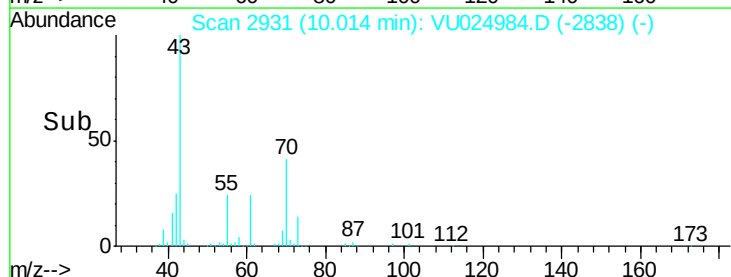
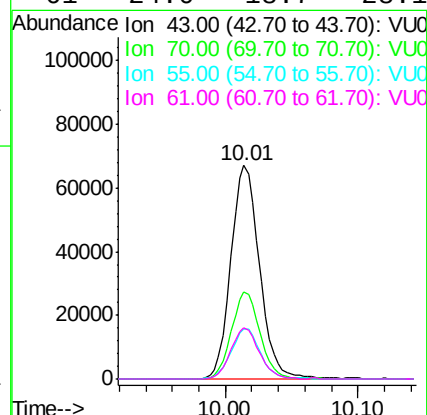
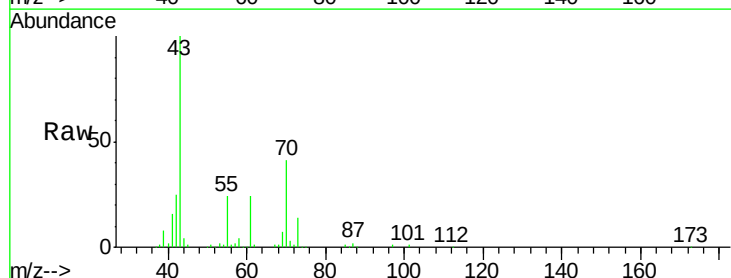
Ion Ratio Lower Upper

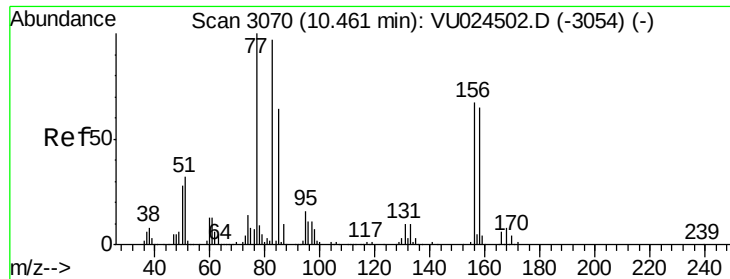
43 100

70 41.0 32.2 48.4

55 24.1 20.5 30.7

61 24.0 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.721 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

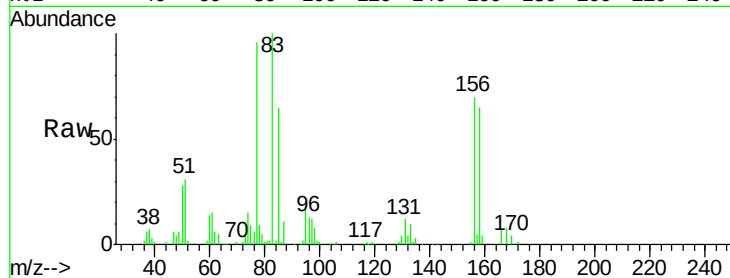
Tgt Ion: 83 Resp: 79874

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

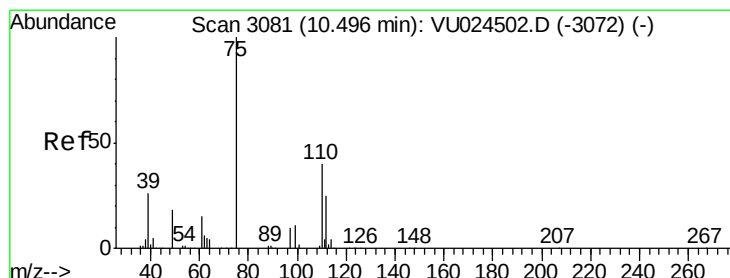
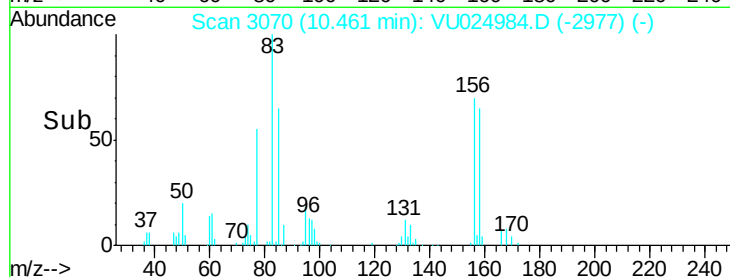
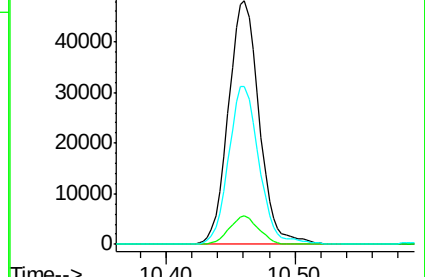
85 64.3 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 28.931 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024984.D

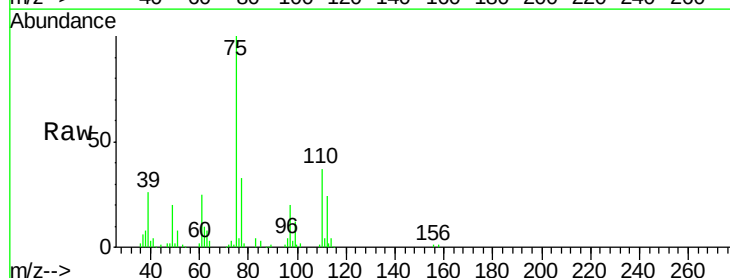
Acq: 27 Jun 2018 22:55

Tgt Ion: 75 Resp: 95436

Ion Ratio Lower Upper

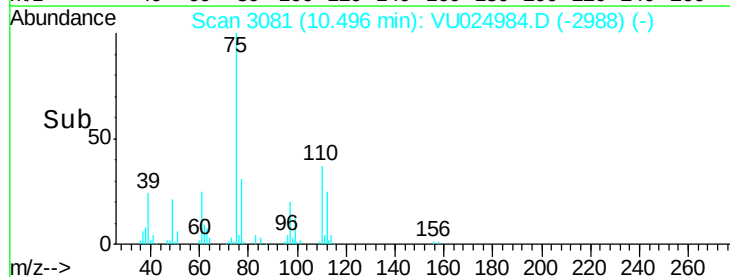
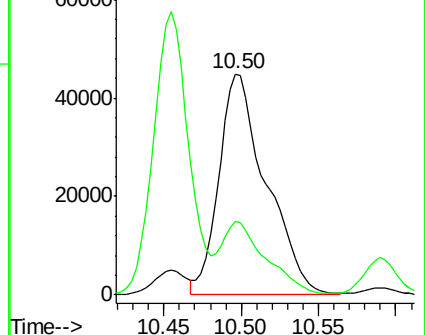
75 100

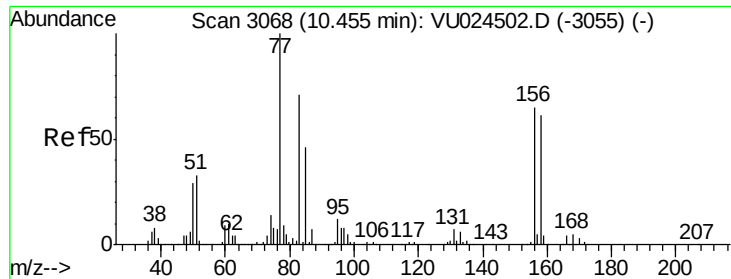
77 30.1 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 21.094 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

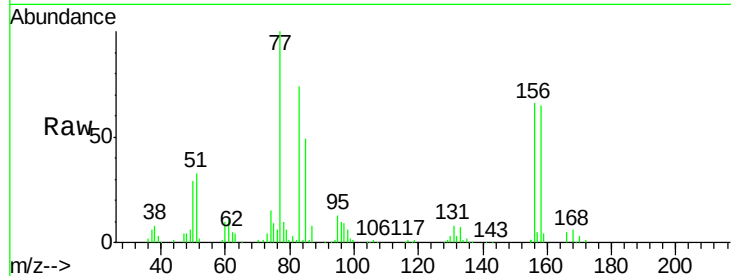
Tgt Ion:156 Resp: 61429

Ion Ratio Lower Upper

156 100

77 148.2 80.5 241.3

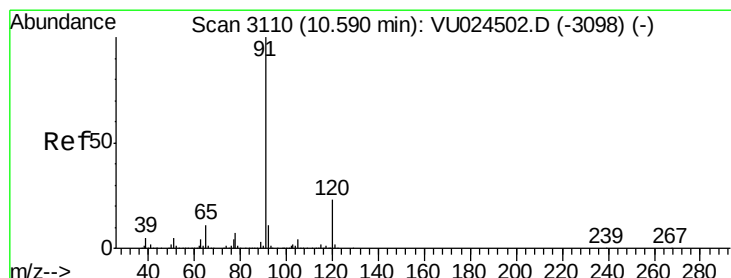
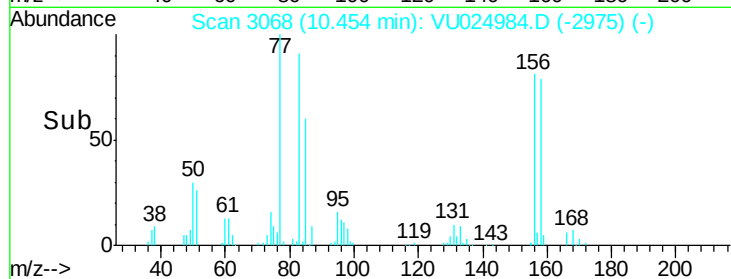
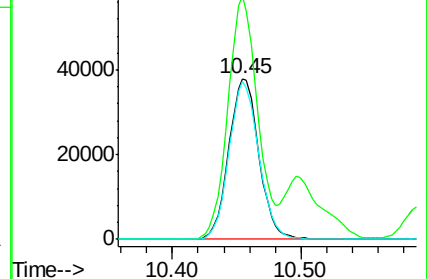
158 97.0 48.2 144.6



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: 20.069 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024984.D

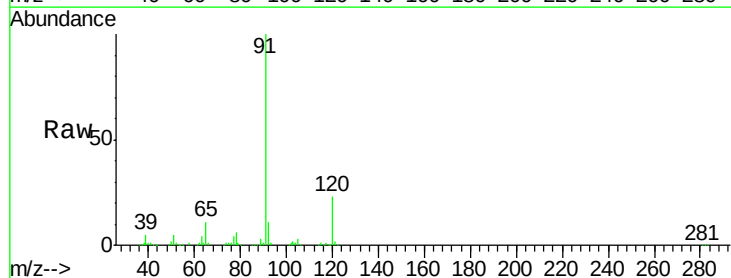
Acq: 27 Jun 2018 22:55

Tgt Ion: 91 Resp: 271953

Ion Ratio Lower Upper

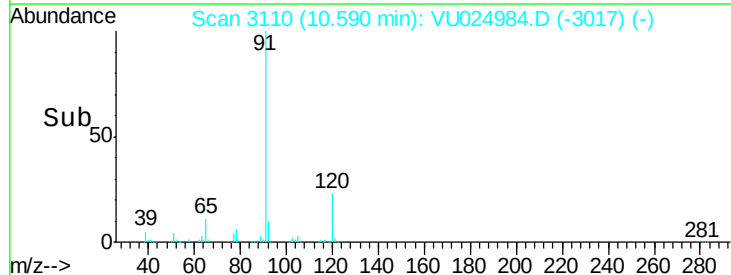
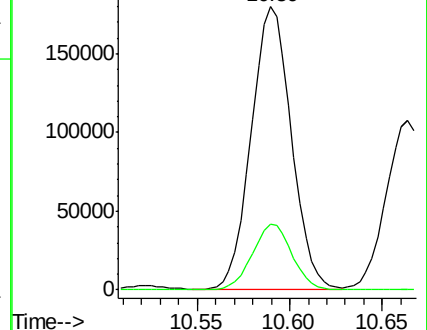
91 100

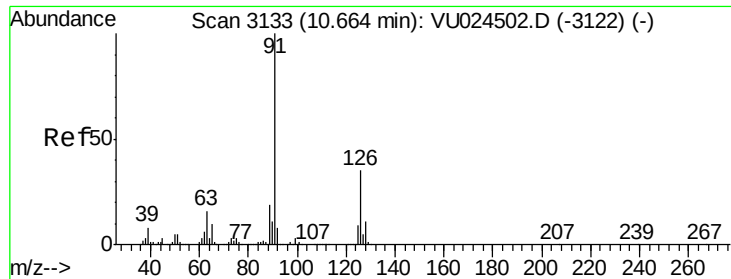
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.004 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

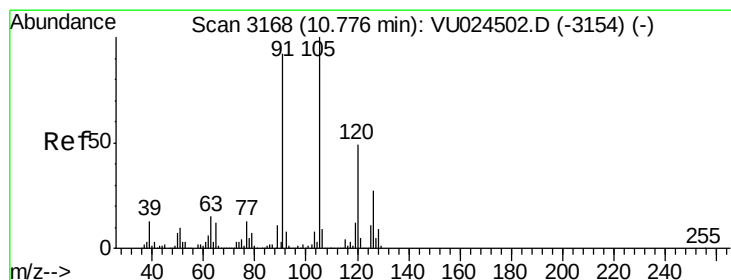
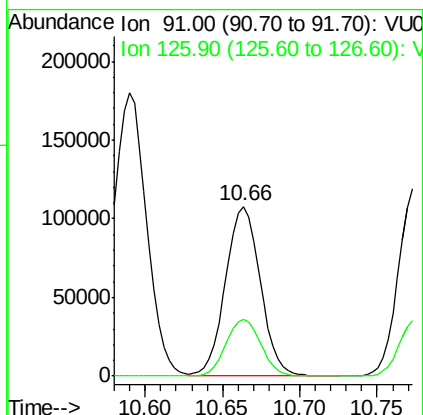
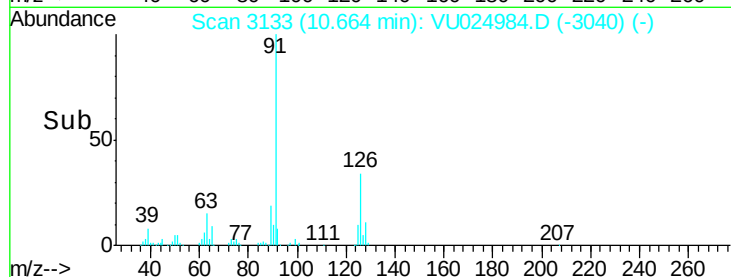
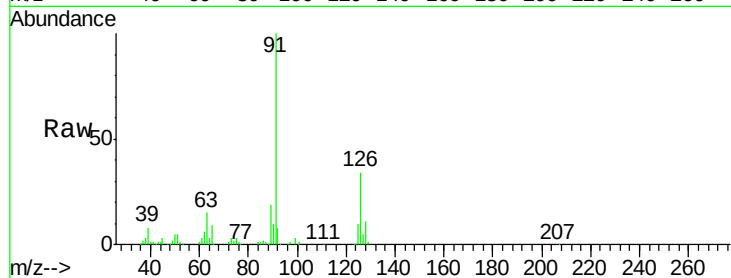
VU0627MBSD04

Tgt Ion: 91 Resp: 167848

Ion Ratio Lower Upper

91 100

126 33.9 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 20.765 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024984.D

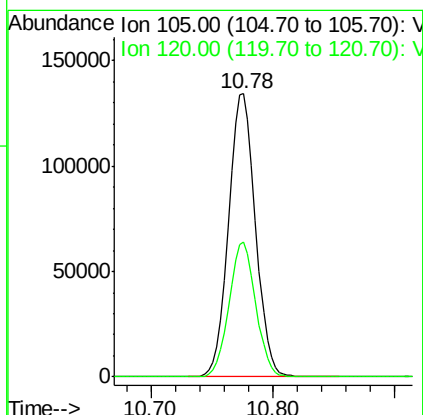
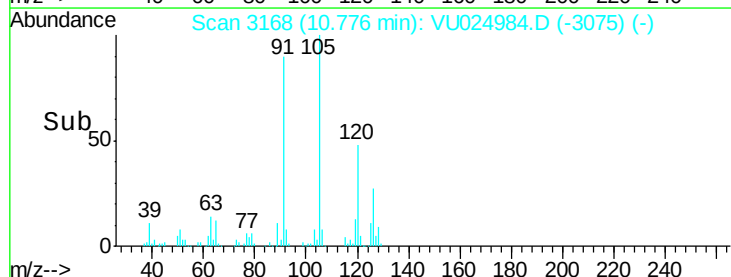
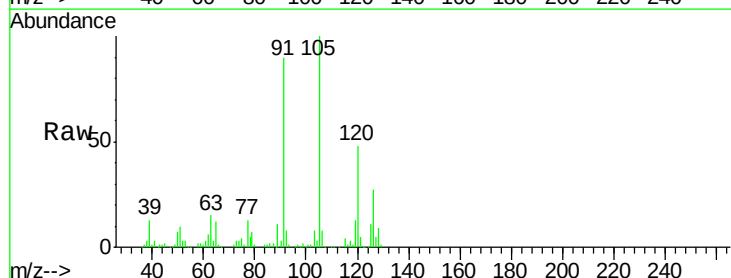
Acq: 27 Jun 2018 22:55

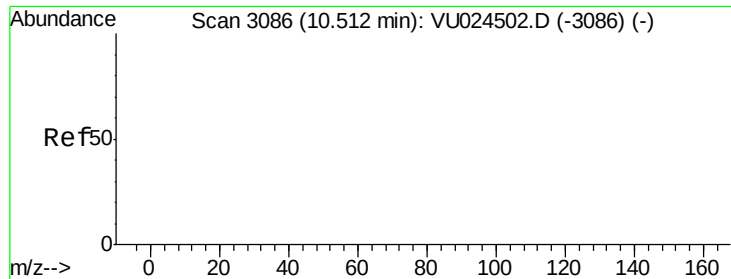
Tgt Ion: 105 Resp: 207039

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.2

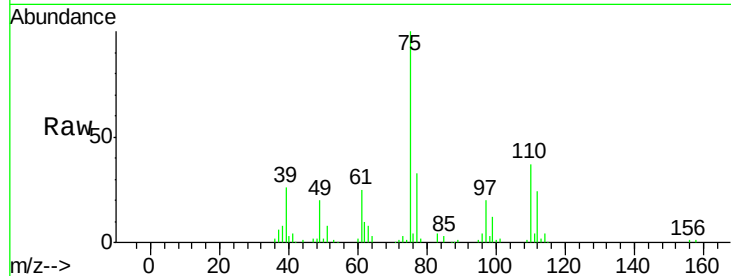




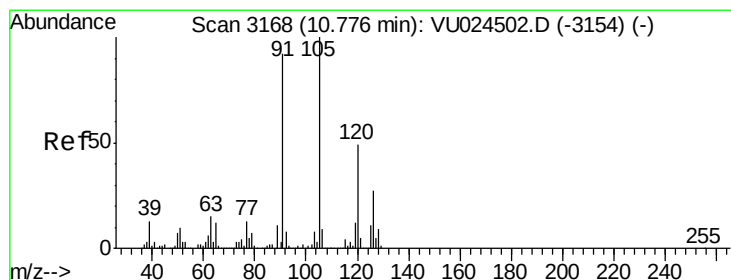
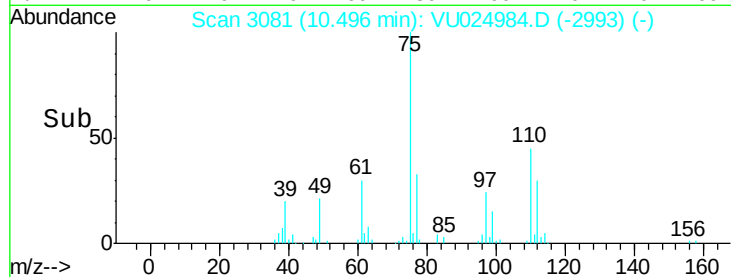
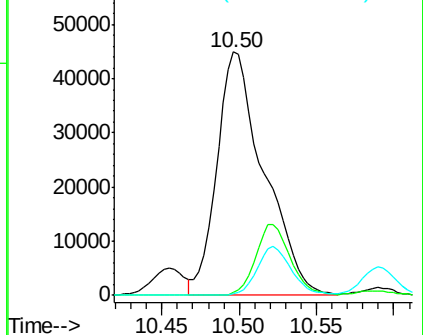
#81
trans-1,4-Dichloro-2-butene
Concen: 66.959 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tgt Ion: 75 Resp: 95436
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

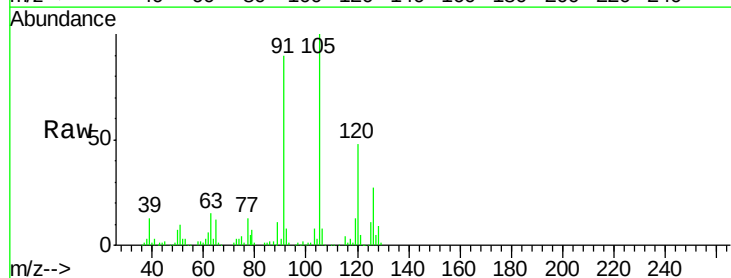


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

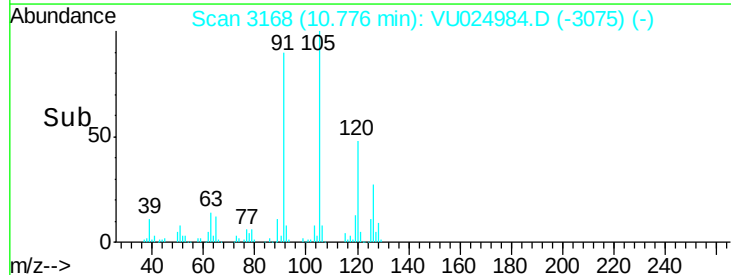
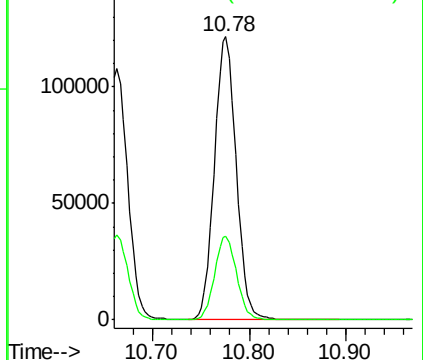


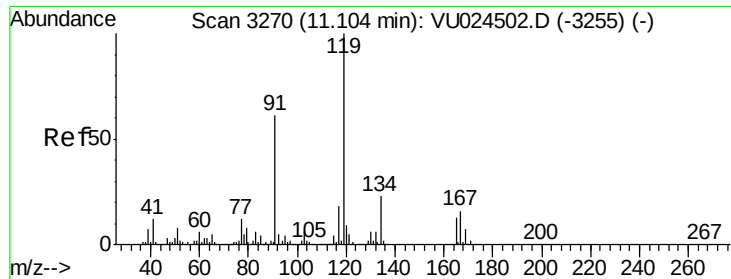
#82
4-Chlorotoluene
Concen: 20.557 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion: 91 Resp: 191198
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.9



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

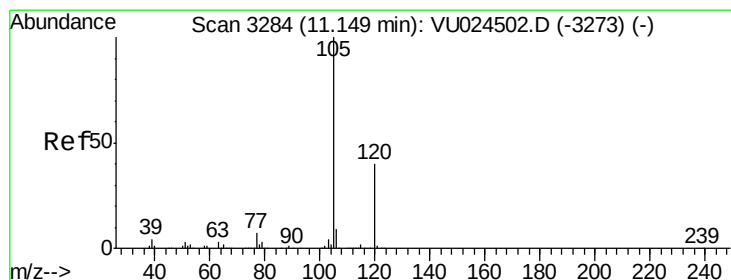
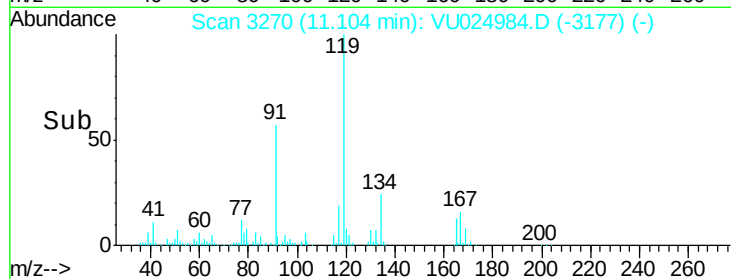
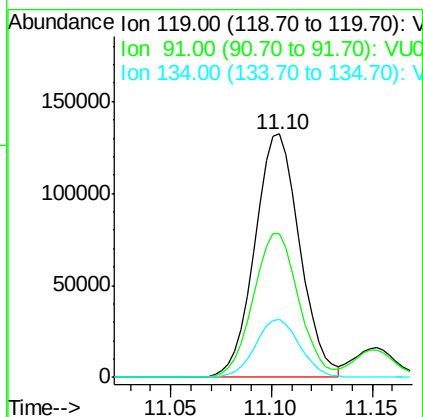
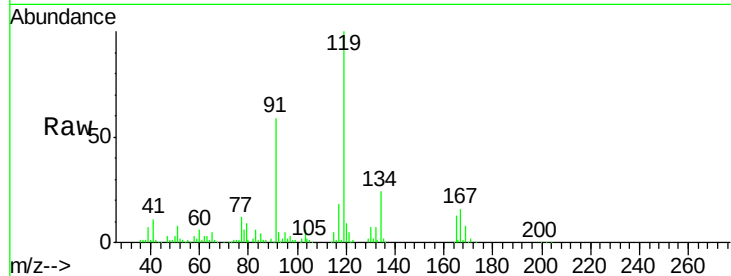




#83
 tert-Butylbenzene
 Concen: 21.514 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

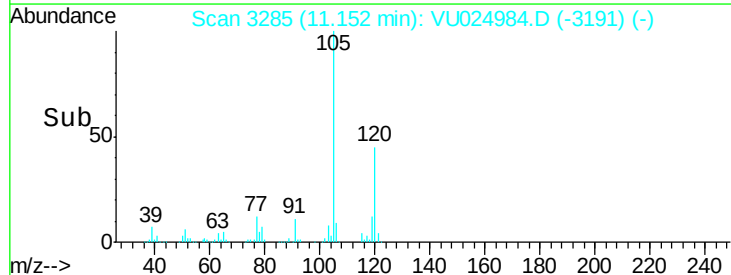
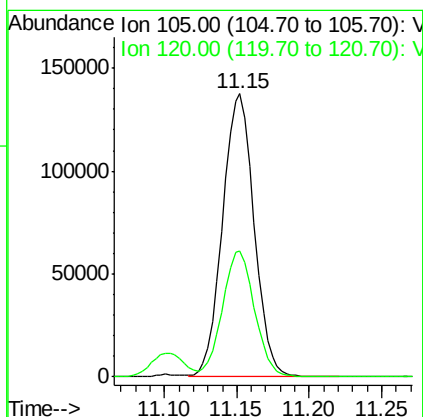
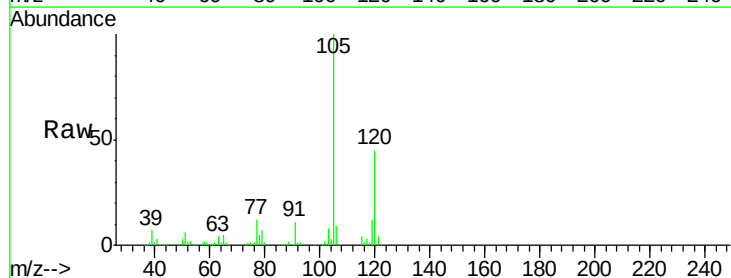
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

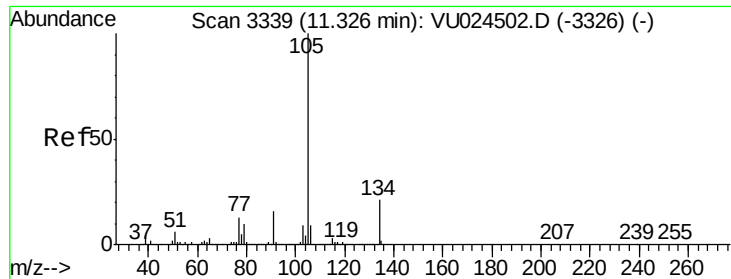
Tgt Ion:119 Resp: 206336
 Ion Ratio Lower Upper
 119 100
 91 59.6 29.7 89.1
 134 23.5 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.435 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion:105 Resp: 207640
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.8





#85

sec-Butylbenzene

Concen: 20.268 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

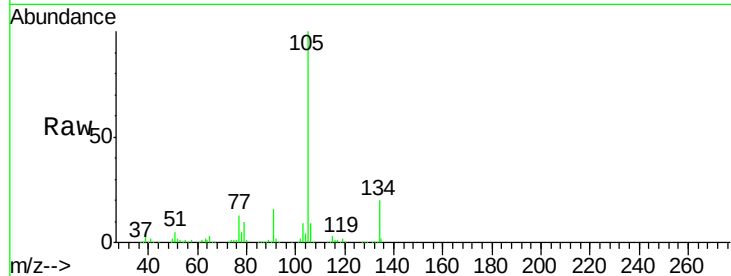
VU0627MBSD04

Tgt Ion:105 Resp: 243325

Ion Ratio Lower Upper

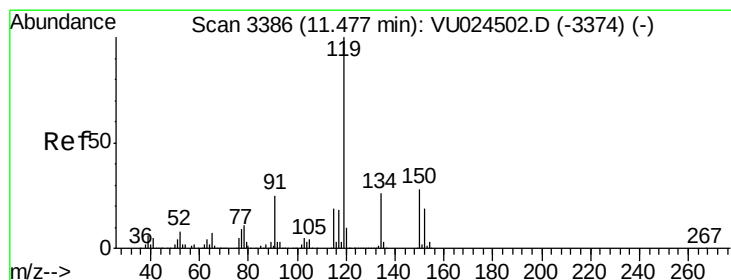
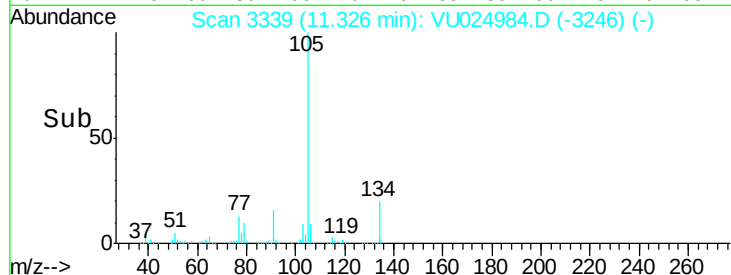
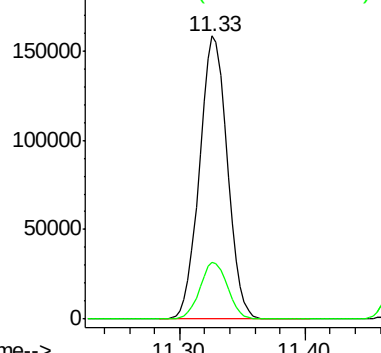
105 100

134 19.9 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.059 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

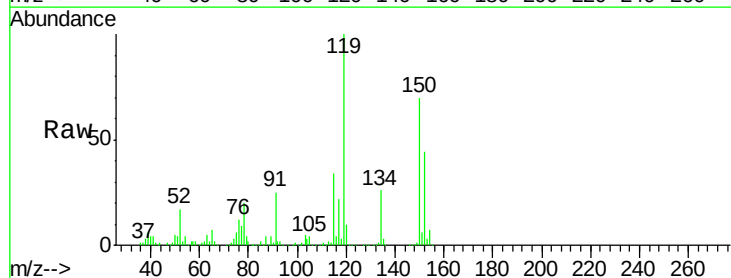
Tgt Ion:119 Resp: 215679

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

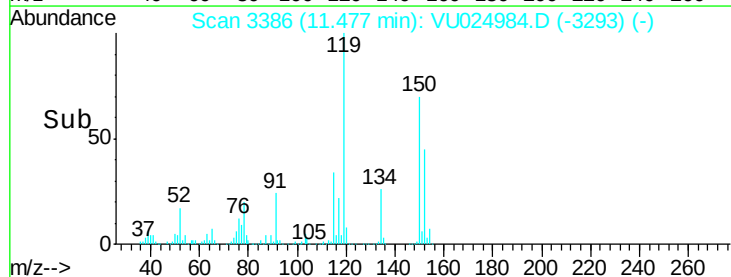
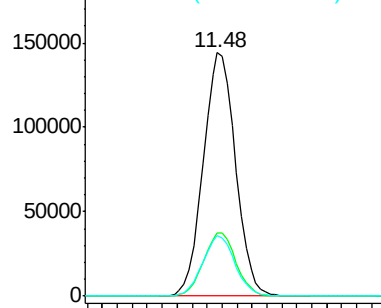
91 24.8 12.0 36.1

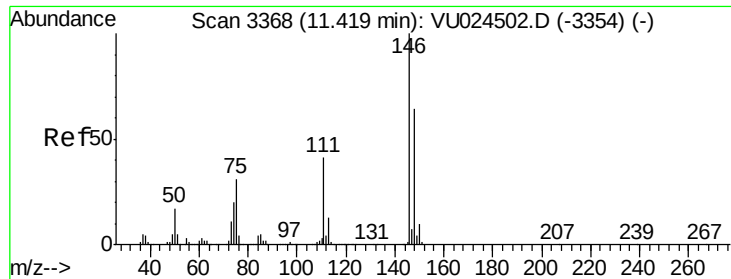


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

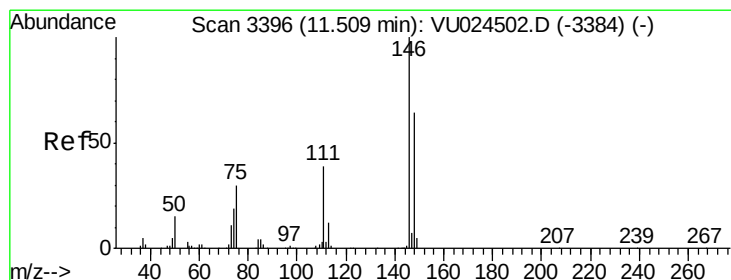
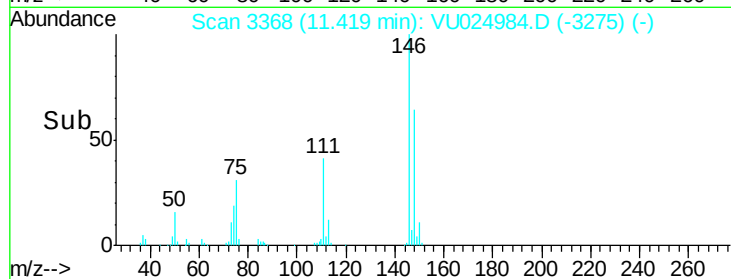
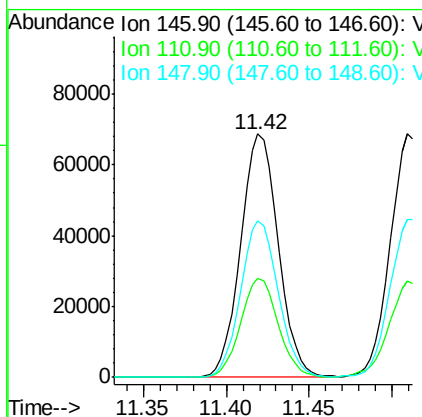
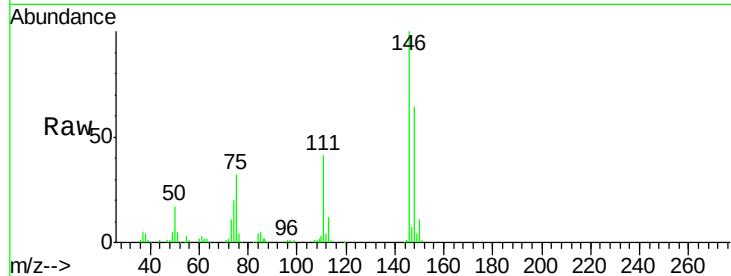




#87
 1,3-Dichlorobenzene
 Concen: 20.190 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

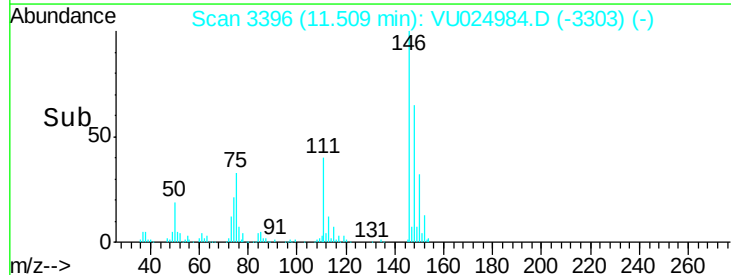
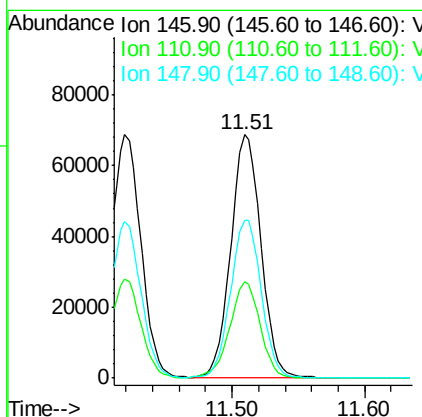
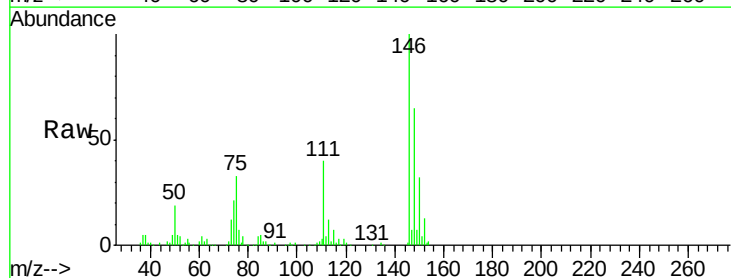
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

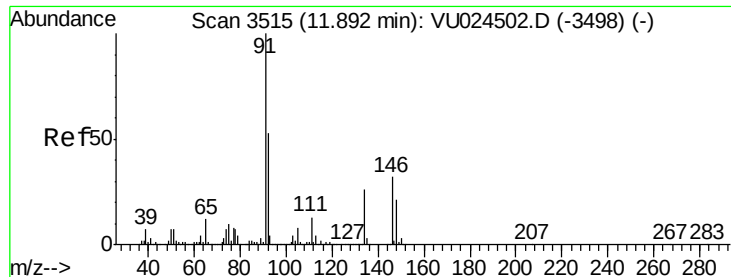
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	64.1	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.153 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.5	58.5
148	65.5	32.4	97.0





#89

n-Butylbenzene

Concen: 17.429 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

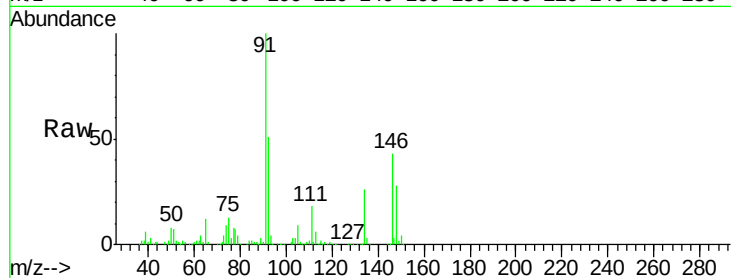
Tgt Ion: 91 Resp: 166374

Ion Ratio Lower Upper

91 100

92 52.3 25.6 76.8

134 26.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

Ion 92.00 (91.70 to 92.70): VU024502.D (-3498) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3498) (-)

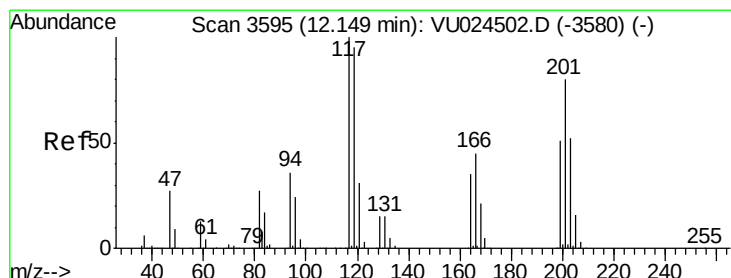
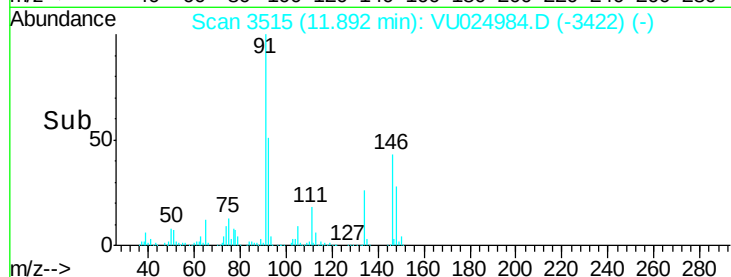
11.89

100000

50000

0

Time--> 11.80 11.90 12.00



#90

Hexachloroethane

Concen: 17.863 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU024984.D

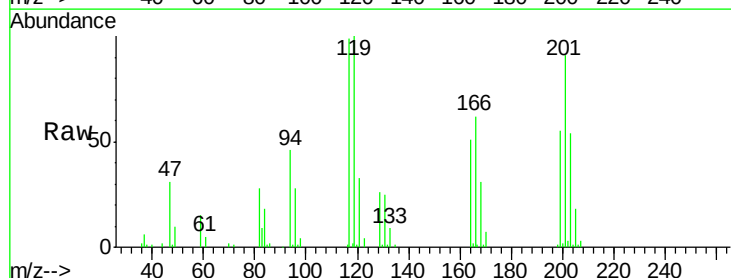
Acq: 27 Jun 2018 22:55

Tgt Ion: 117 Resp: 37468

Ion Ratio Lower Upper

117 100

201 86.8 41.1 123.3



Abundance Ion 116.80 (116.50 to 117.50): VU024502.D (-3580) (-)

Ion 200.70 (200.40 to 201.40): VU024502.D (-3580) (-)

12.15

25000

20000

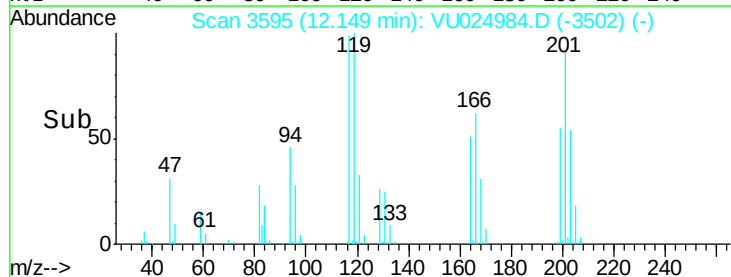
15000

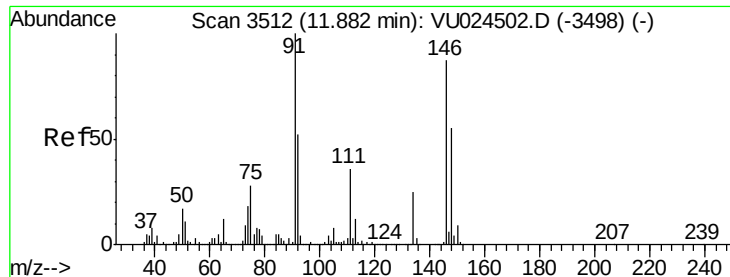
10000

5000

0

Time--> 12.10 12.15 12.20

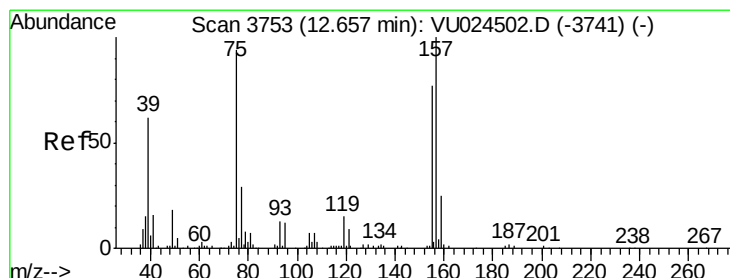
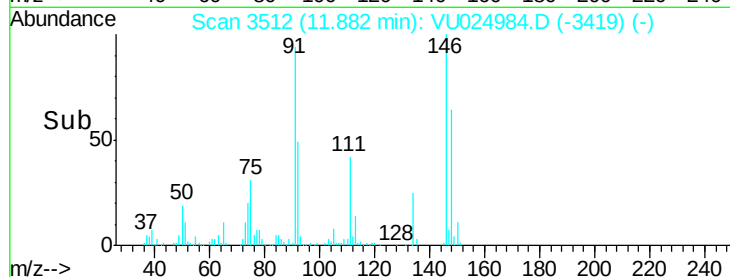
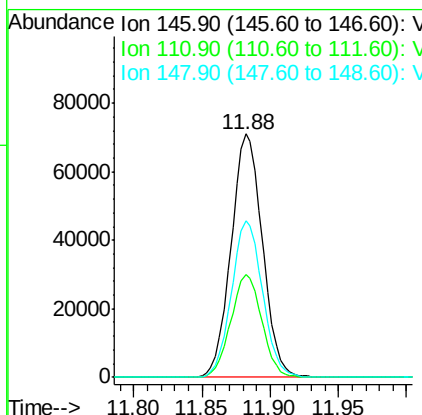
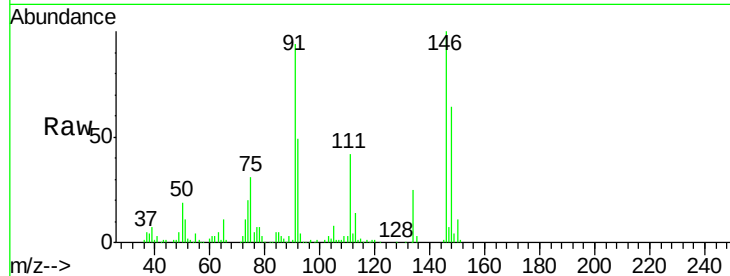




#91
 1,2-Dichlorobenzene
 Concen: 21.004 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

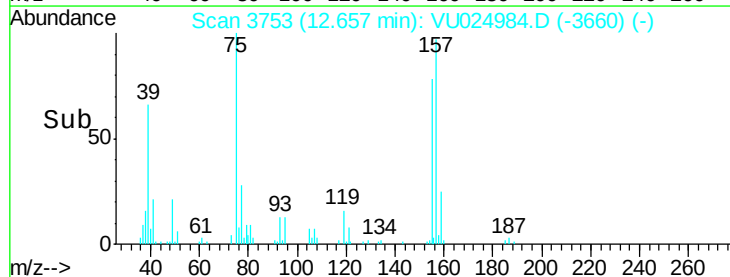
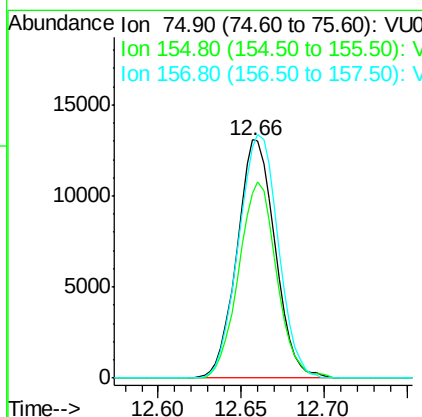
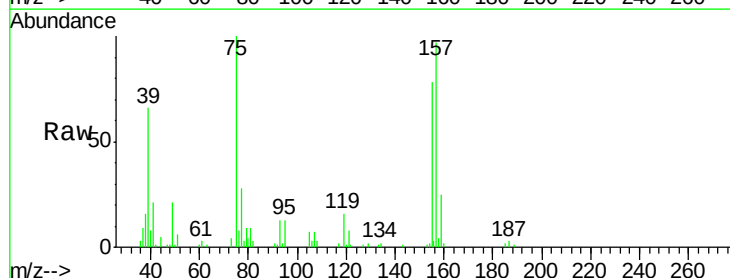
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

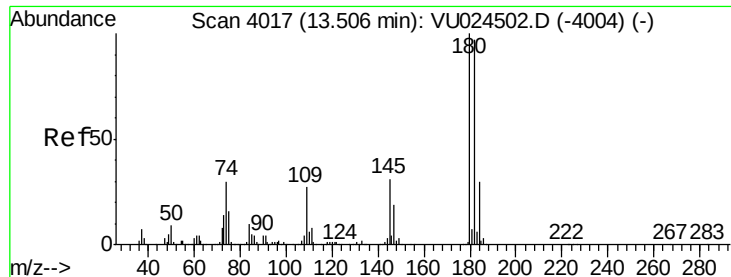
Tgt Ion: 146 Resp: 113195
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.6
 148 63.8 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.737 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion: 75 Resp: 20993
 Ion Ratio Lower Upper
 75 100
 155 81.6 40.4 121.2
 157 106.2 52.3 156.8

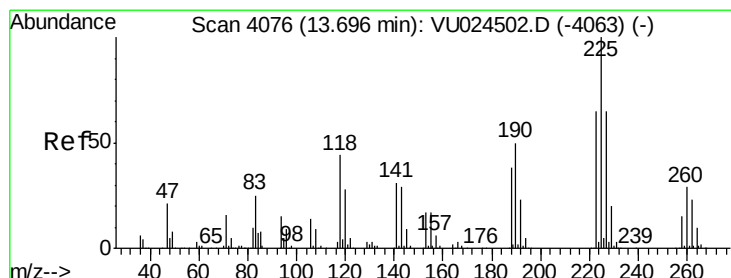
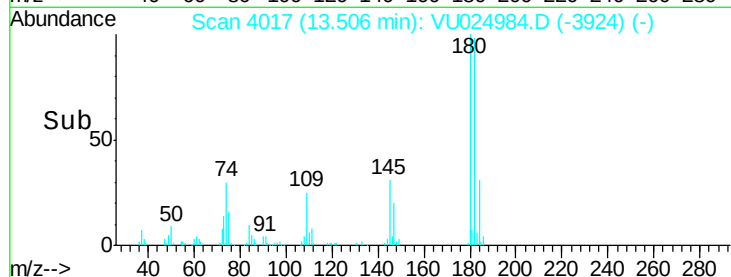
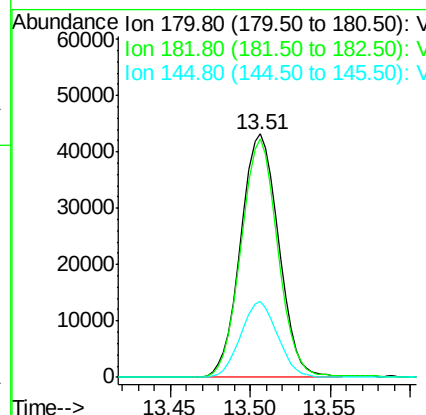
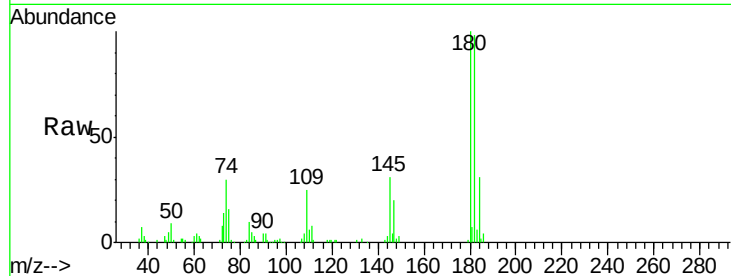




#93
 1,2,4-Trichlorobenzene
 Concen: 21.057 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

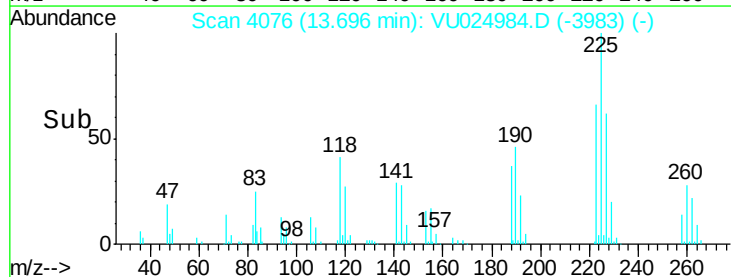
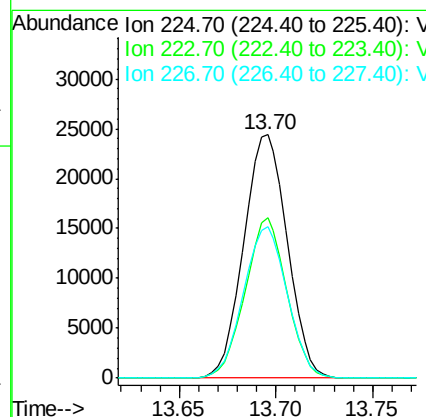
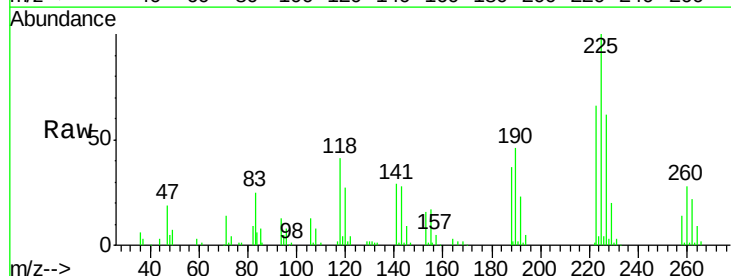
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

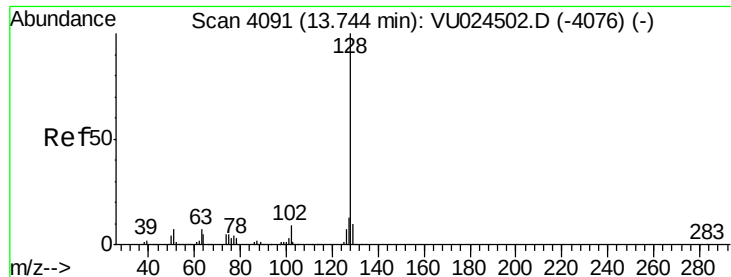
Tgt Ion:180 Resp: 70075
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.0 144.2
 145 30.2 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 20.439 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion:225 Resp: 38285
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.8
 227 62.6 31.8 95.4





#95

Naphthalene

Concen: 22.178 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

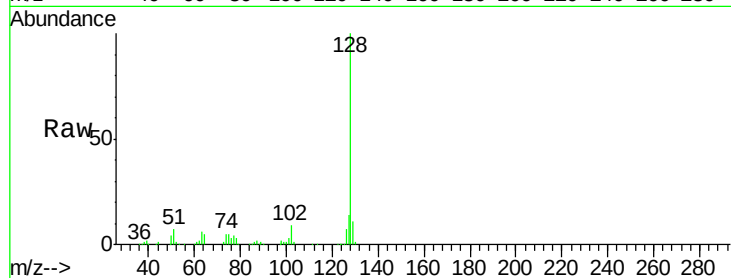
Tgt Ion:128 Resp: 240114

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

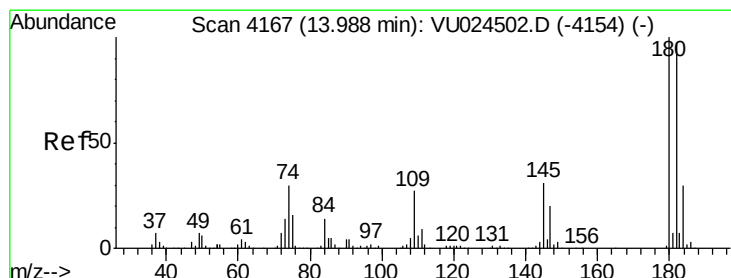
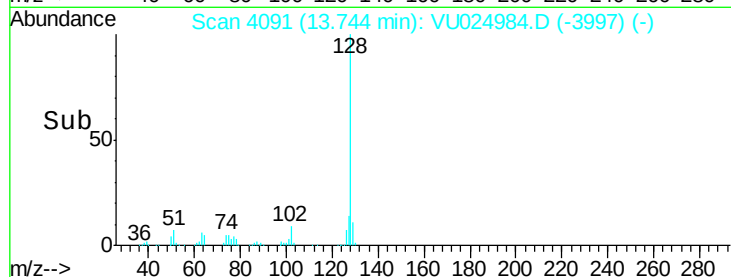
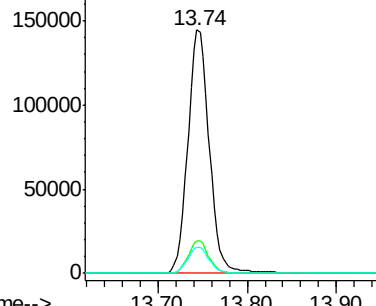
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.380 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

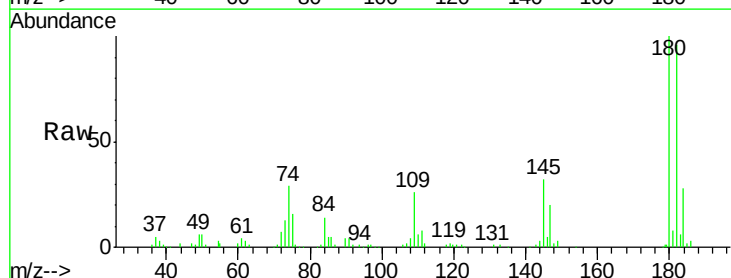
Tgt Ion:180 Resp: 74212

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.7

145 32.6 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

