

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024826.D
 Acq On : 21 Jun 2018 21:21
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 22 03:54:42 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	175675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	273266	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	260520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	126404	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	
35) Dibromofluoromethane	4.89	113	98797	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	
50) Toluene-d8	7.57	98	362916	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	
62) 4-Bromofluorobenzene	10.31	95	144513	44.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98806	44.934	ug/l	99
3) Chloromethane	1.33	50	102274	45.526	ug/l	100
4) Vinyl Chloride	1.40	62	109725	47.361	ug/l	98
5) Bromomethane	1.62	94	67465	60.238	ug/l	99
6) Chloroethane	1.69	64	70461	54.522	ug/l	98
7) Trichlorofluoromethane	1.89	101	175849	49.736	ug/l	99
8) Diethyl Ether	2.10	74	65667	54.755	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	97124	44.279	ug/l	97
10) Methyl Iodide	2.41	142	99663	53.298	ug/l	98
11) Tert butyl alcohol	2.82	59	149544	214.398	ug/l	99
12) 1,1-Dichloroethene	2.28	96	92570	46.278	ug/l	93
13) Acrolein	2.19	56	68536	187.114	ug/l	99
14) Allyl chloride	2.59	41	157062	42.288	ug/l	98
15) Acrylonitrile	2.93	53	328539	242.093	ug/l	100
16) Acetone	2.32	43	288661	187.328	ug/l	98
17) Carbon Disulfide	2.48	76	262149	40.928	ug/l	99
18) Methyl Acetate	2.62	43	172227	52.135	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	364978	48.540	ug/l	97
20) Methylene Chloride	2.70	84	108286	44.786	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	100893	45.795	ug/l	95
22) Diisopropyl ether	3.57	45	359849	48.876	ug/l	95
23) Vinyl Acetate	3.53	43	1571703	238.306	ug/l	99
24) 1,1-Dichloroethane	3.45	63	202139	47.725	ug/l	99
25) 2-Butanone	4.26	43	479321	231.576	ug/l	97
26) 2,2-Dichloropropane	4.23	77	167611	41.676	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	122028	48.178	ug/l	98
28) Bromochloromethane	4.55	49	75220	40.320	ug/l	88
29) Tetrahydrofuran	4.63	42	306403	239.046	ug/l	97
30) Chloroform	4.68	83	214055	49.931	ug/l	100
31) Cyclohexane	5.00	56	183972	48.868	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	193450	48.798	ug/l	97
36) 1,1-Dichloropropene	5.14	75	150617	46.905	ug/l	97
37) Ethyl Acetate	4.38	43	178302	50.945	ug/l	97
38) Carbon Tetrachloride	5.14	117	173590	49.160	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	185052	46.180	ug/l	95
40) Benzene	5.39	78	444599	48.591	ug/l	99
41) Methacrylonitrile	4.54	41	100486	53.252	ug/l	98
42) 1,2-Dichloroethane	5.41	62	179090	51.391	ug/l	100
43) Isopropyl Acetate	5.55	43	289199	47.804	ug/l	99
44) Trichloroethene	6.19	130	123430	47.400	ug/l	94
45) 1,2-Dichloropropane	6.44	63	121927	49.942	ug/l	97
46) Dibromomethane	6.56	93	86181	50.255	ug/l	94
47) Bromodichloromethane	6.76	83	170171	49.834	ug/l	99
48) Methyl methacrylate	6.62	41	147289	49.999	ug/l	97
49) 1,4-Dioxane	6.61	88	65859	1143.202	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	947501	249.296	ug/l	98
52) Toluene	7.64	92	291402	49.502	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	186487	48.630	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	191438	46.849	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	120201	50.233	ug/l	99
56) Ethyl methacrylate	8.02	69	199277	49.757	ug/l	99
57) 1,3-Dichloropropane	8.25	76	205588	50.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	322204	209.993	ug/l	95
59) 2-Hexanone	8.36	43	753917	242.971	ug/l	100
60) Dibromochloromethane	8.48	129	143362	48.045	ug/l	100
61) 1,2-Dibromoethane	8.59	107	133515	50.131	ug/l	98
64) Tetrachloroethene	8.23	164	116741	47.142	ug/l	97
65) Chlorobenzene	9.12	112	336390	50.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	129252	51.118	ug/l	97
67) Ethyl Benzene	9.25	91	578316	49.567	ug/l	97
68) m/p-Xylenes	9.38	106	457473	102.109	ug/l	96
69) o-Xylene	9.78	106	225238	50.799	ug/l	97
70) Styrene	9.80	104	372220	51.084	ug/l	99
71) Bromoform	9.96	173	115067	47.878	ug/l #	100
73) Isopropylbenzene	10.17	105	610243	49.947	ug/l	99
74) N-amyl acetate	10.01	43	273910	47.133	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	206086	50.336	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	241126	68.822	ug/l	85
77) Bromobenzene	10.45	156	153235	49.541	ug/l	95
78) n-propylbenzene	10.59	91	691059	48.015	ug/l	97
79) 2-Chlorotoluene	10.66	91	422423	49.770	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	528143	49.873	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	241126	159.284	ug/l #	100
82) 4-Chlorotoluene	10.78	91	486167	49.214	ug/l	99
83) tert-Butylbenzene	11.10	119	524810	51.520	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	540935	50.124	ug/l	100
85) sec-Butylbenzene	11.33	105	629420	49.363	ug/l	97
86) p-Isopropyltoluene	11.48	119	563428	49.338	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	285046	49.881	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	289239	50.288	ug/l	99
89) n-Butylbenzene	11.89	91	469251	46.283	ug/l	97
90) Hexachloroethane	12.15	117	101258	45.453	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	293176	51.220	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	55567	49.187	ug/l	94

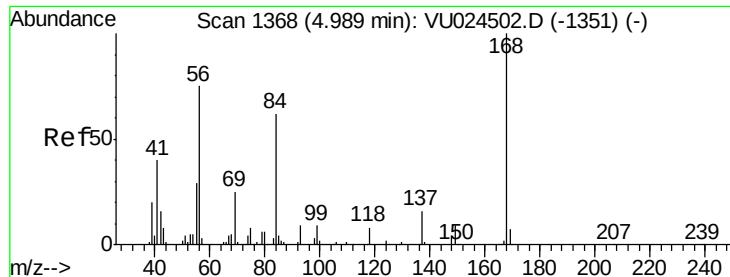
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	194859	55.129	ug/l	98
94) Hexachlorobutadiene	13.70	225	98720	49.622	ug/l	99
95) Naphthalene	13.74	128	650152	55.487	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	204315	58.011	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: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

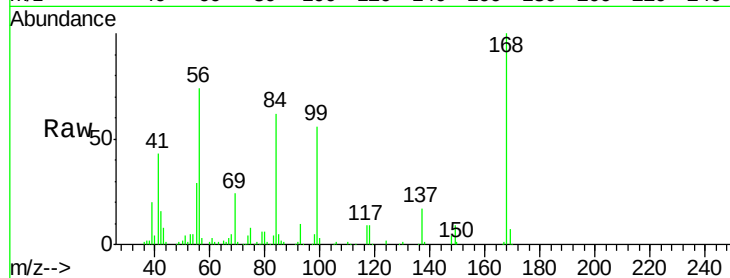
VSTDCCC050EC

Tot Ion:168 Resp: 175675

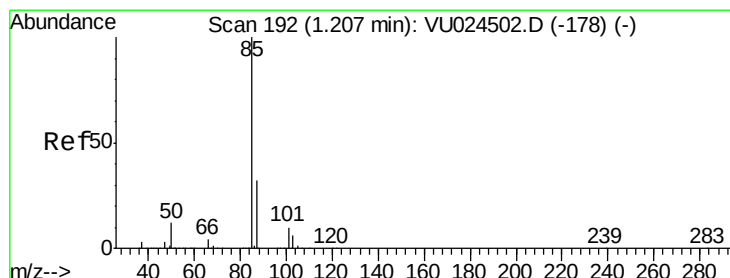
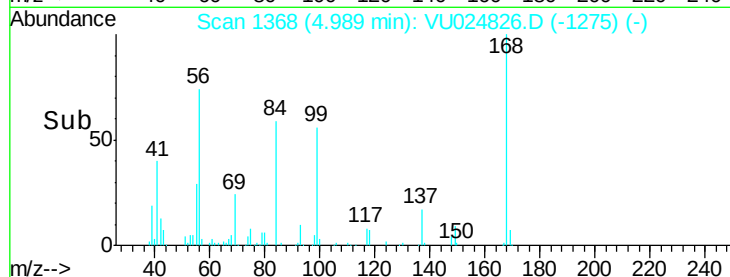
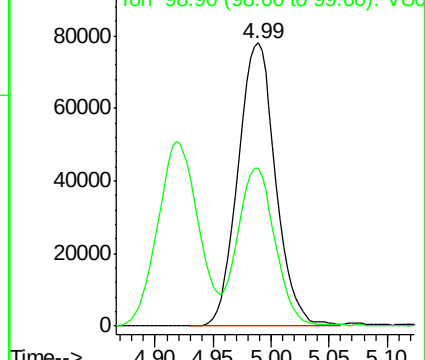
Ion Ratio Lower Upper

168 100

99 55.3 43.2 64.8



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



#2

Dichlorodifluoromethane

Concen: 44.934 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024826.D

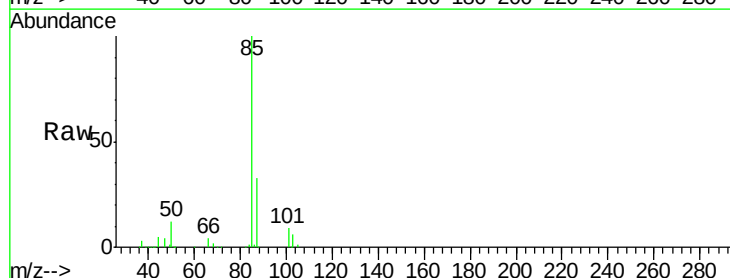
Acq: 21 Jun 2018 21:21

Tgt Ion: 85 Resp: 98806

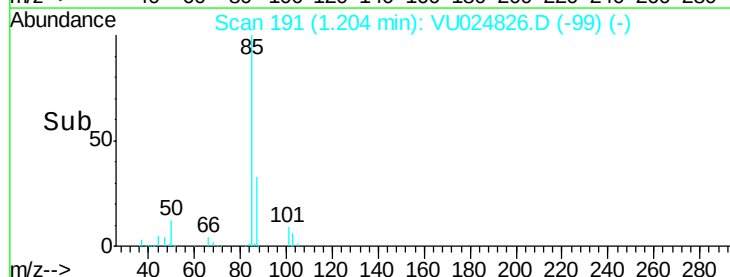
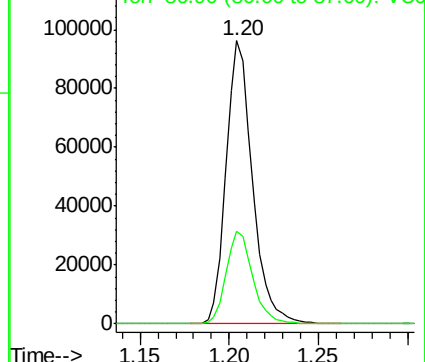
Ion Ratio Lower Upper

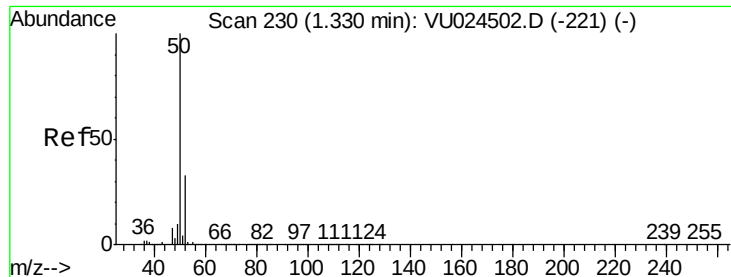
85 100

87 32.7 16.1 48.2



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





#3

Chloromethane

Concen: 45.526 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

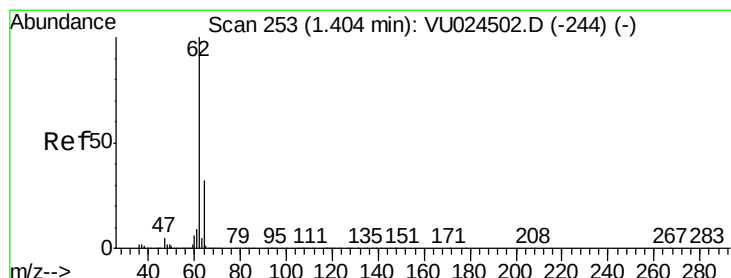
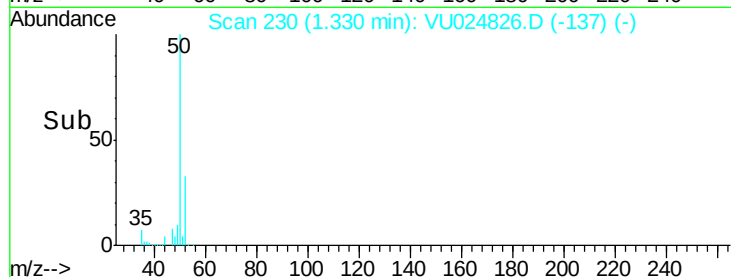
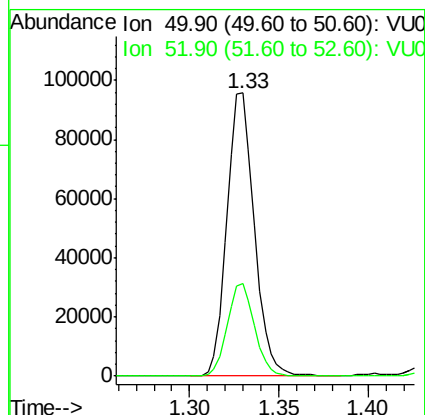
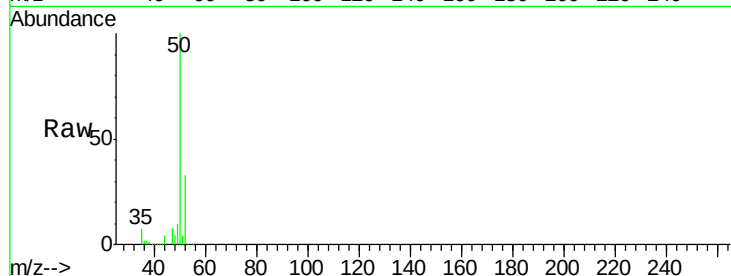
VSTDCCC050EC

Tot Ion: 50 Resp: 102274

Ion Ratio Lower Upper

50 100

52 32.8 26.4 39.6



#4

Vinyl Chloride

Concen: 47.361 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024826.D

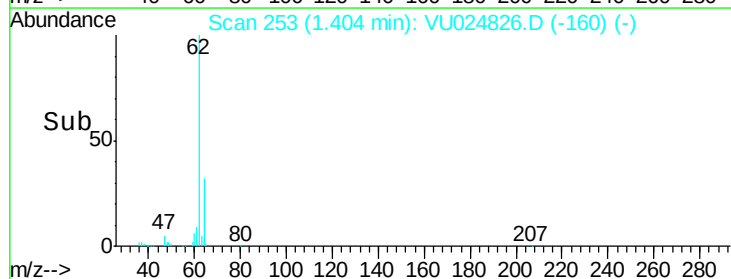
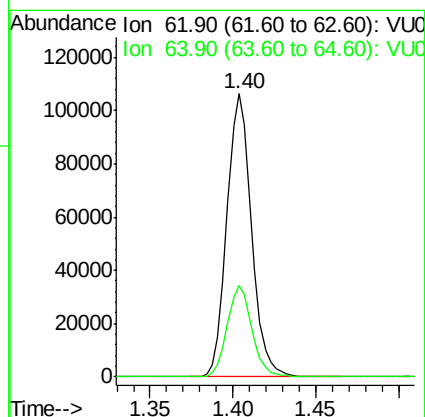
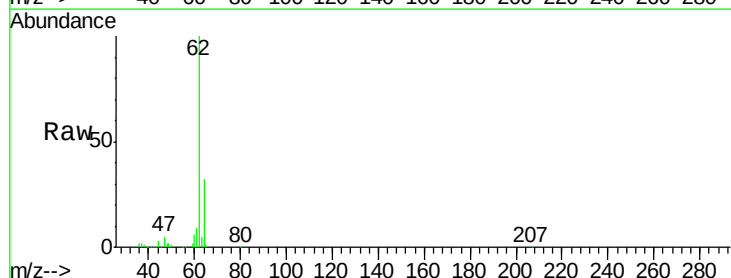
Acq: 21 Jun 2018 21:21

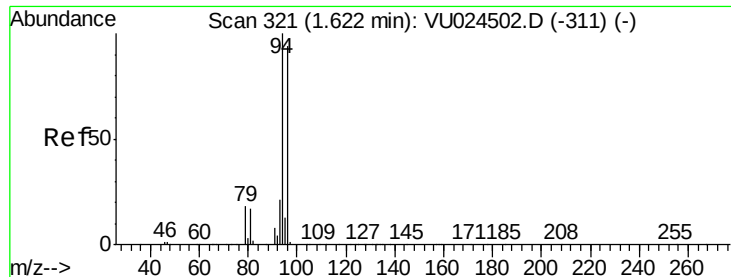
Tgt Ion: 62 Resp: 109725

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2





#5

Bromomethane

Concen: 60.238 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

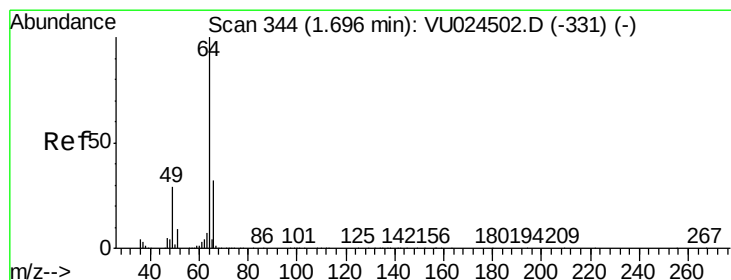
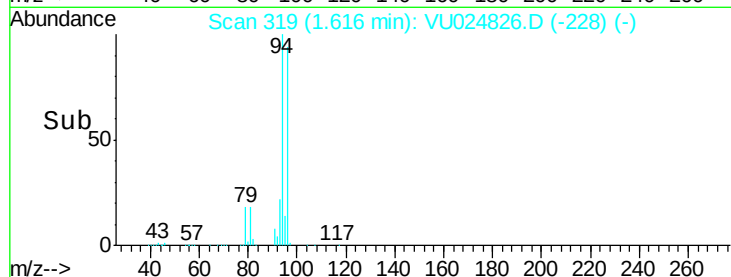
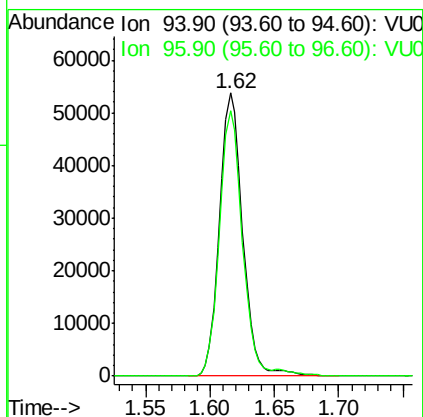
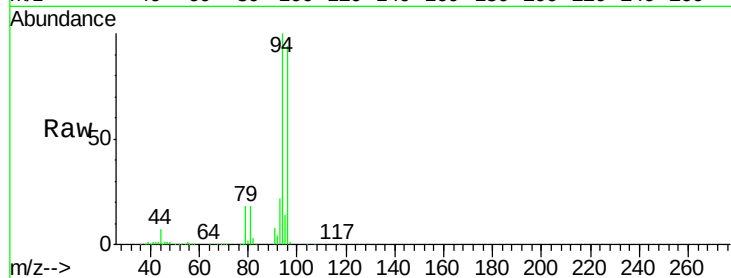
VSTDCCC050EC

Tot Ion: 94 Resp: 67465

Ion Ratio Lower Upper

94 100

96 93.7 74.5 111.7



#6

Chloroethane

Concen: 54.522 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024826.D

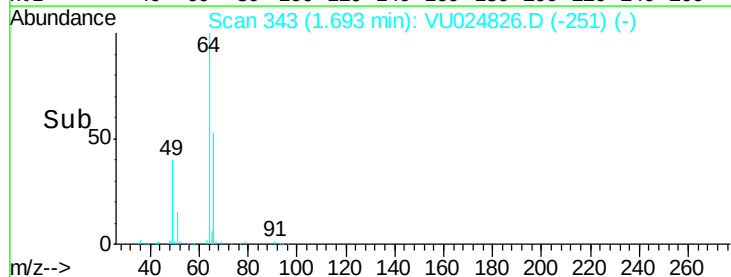
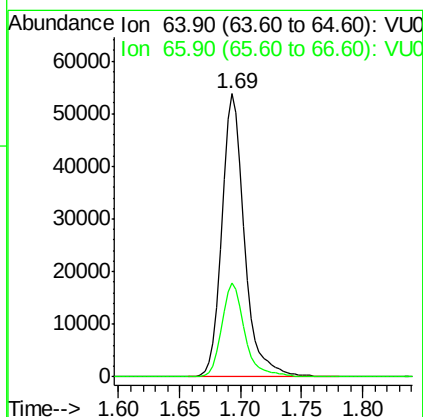
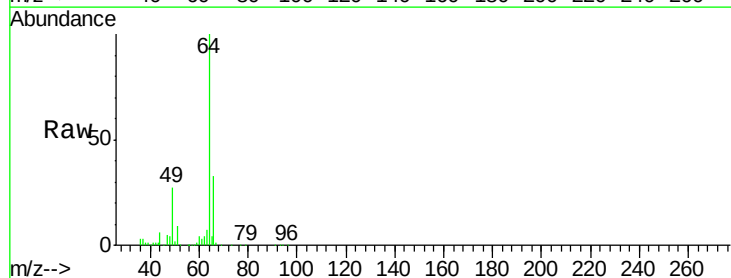
Acq: 21 Jun 2018 21:21

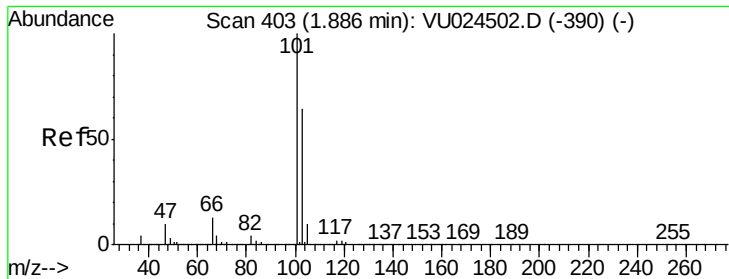
Tgt Ion: 64 Resp: 70461

Ion Ratio Lower Upper

64 100

66 33.0 25.5 38.3



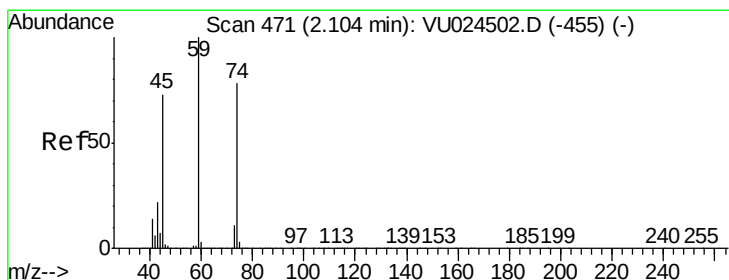
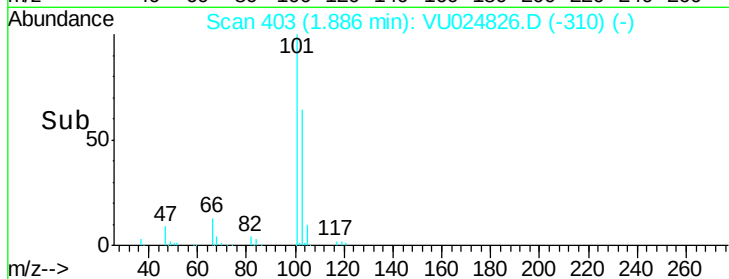
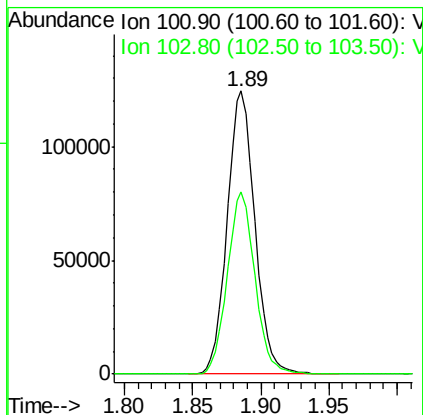
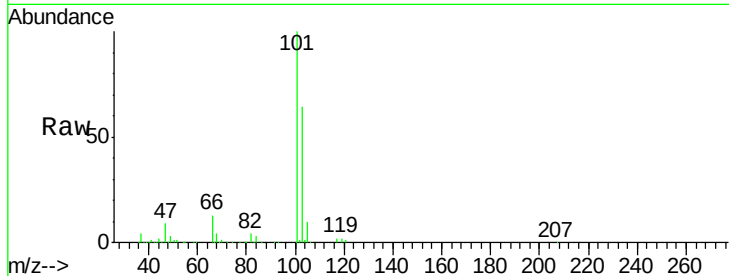


#7

Trichlorofluoromethane
 Concen: 49.736 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

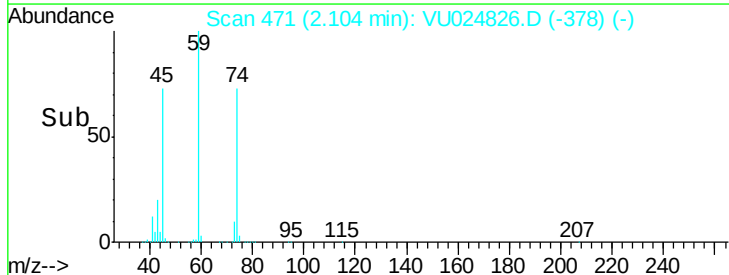
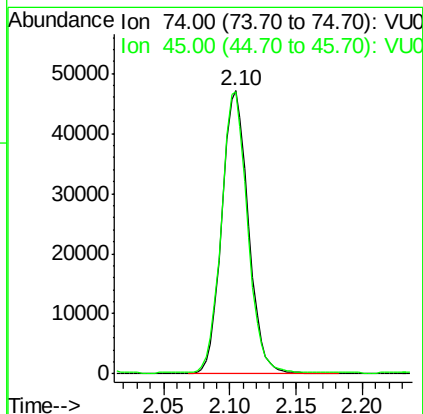
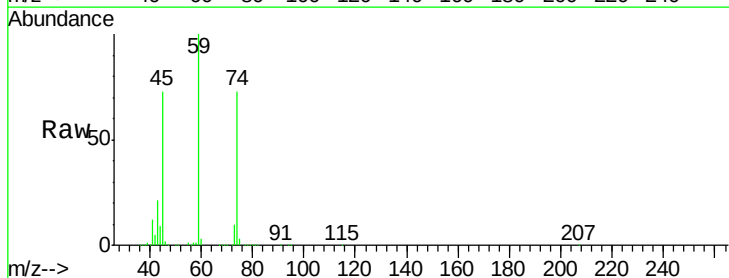
Tot Ion:101 Resp: 175849
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5

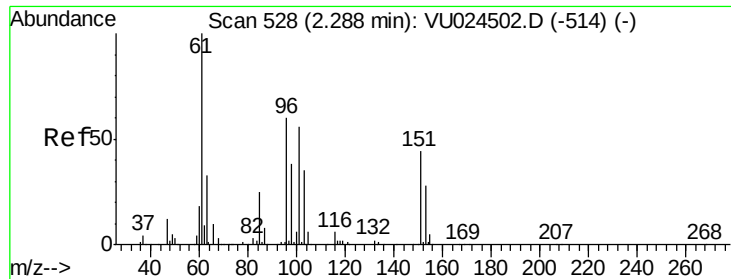


#8

Diethyl Ether
 Concen: 54.755 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion: 74 Resp: 65667
 Ion Ratio Lower Upper
 74 100
 45 97.2 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.279 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

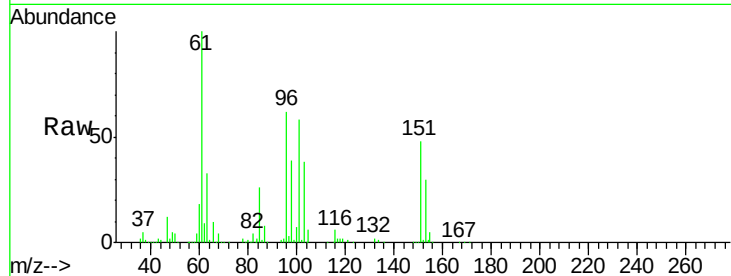
Tot Ion:101 Resp: 97124

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

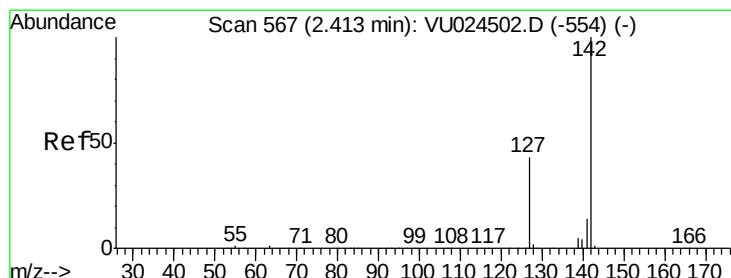
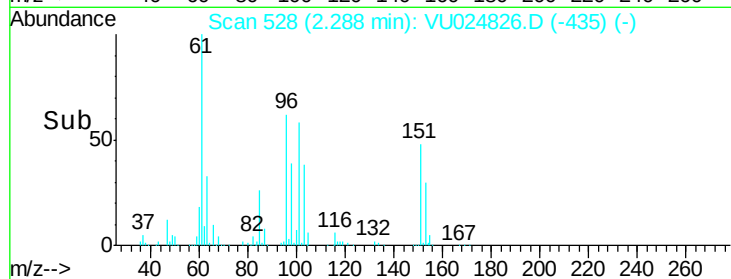
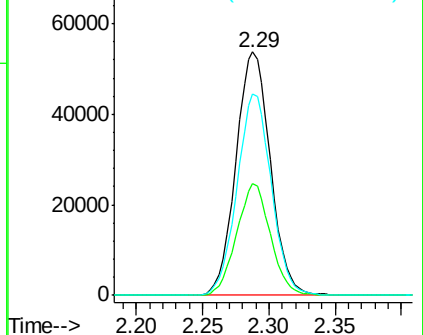
151 82.4 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.298 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

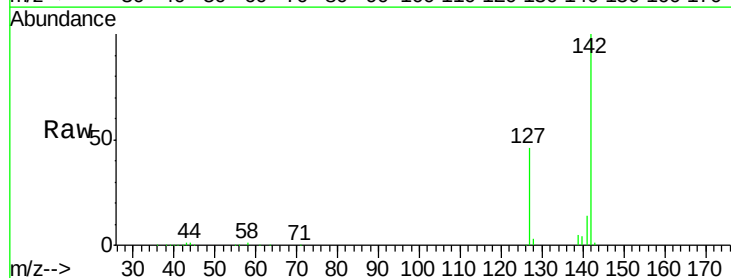
Tgt Ion:142 Resp: 99663

Ion Ratio Lower Upper

142 100

127 45.6 35.6 53.4

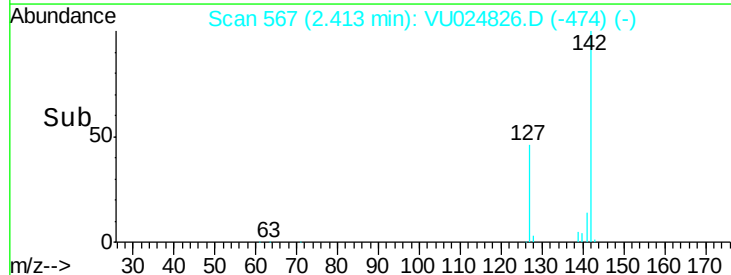
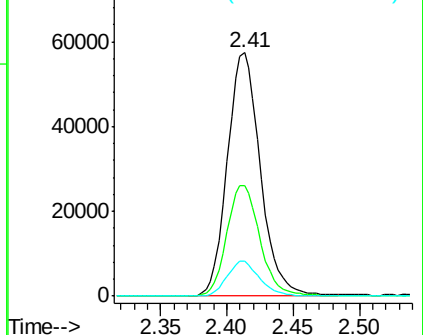
141 14.2 11.7 17.5

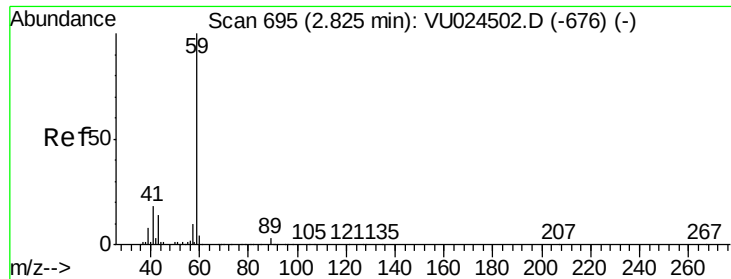


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



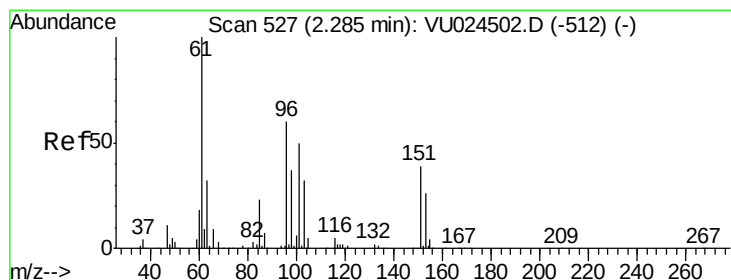
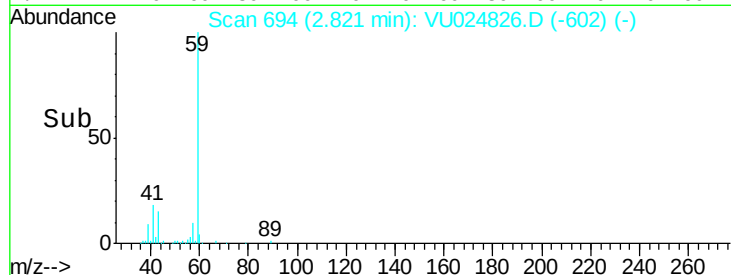
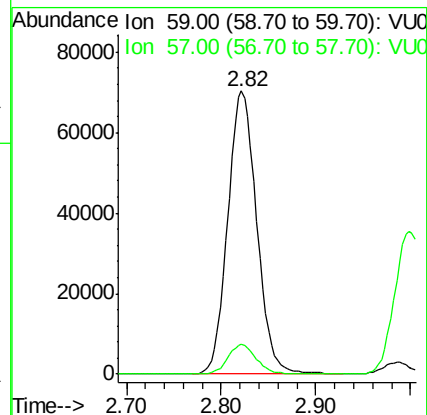
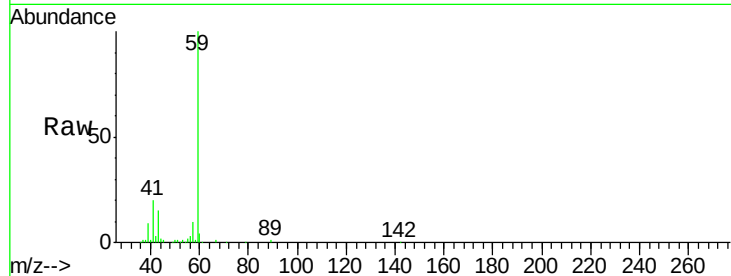


#11

Tert butyl alcohol
 Concen: 214.398 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

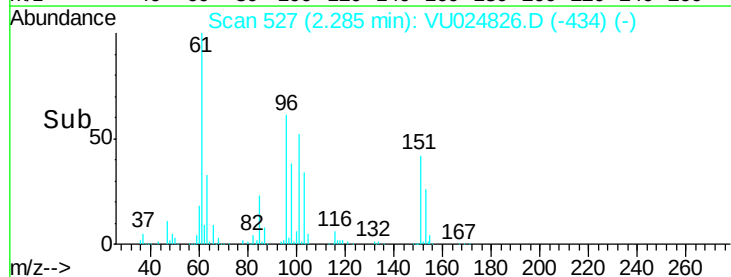
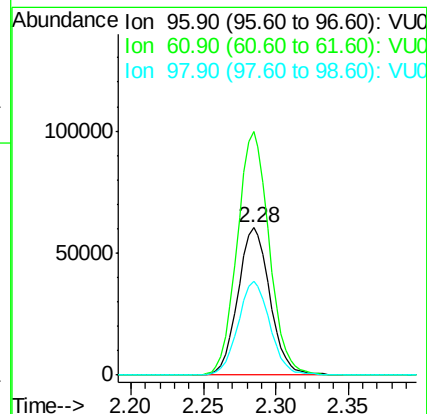
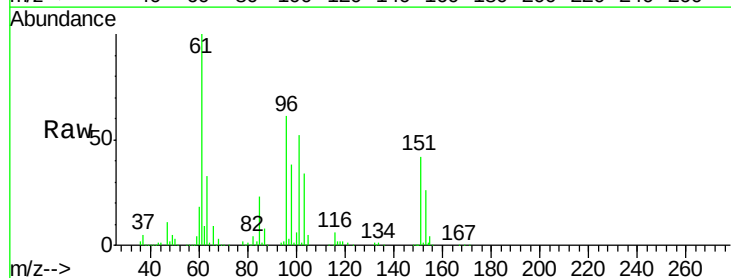
Tot Ion: 59 Resp: 149544
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

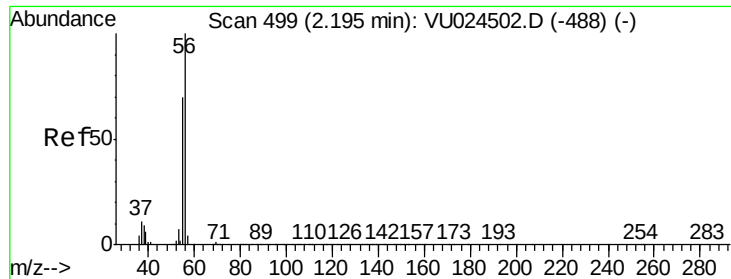


#12

1,1-Dichloroethene
 Concen: 46.278 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion: 96 Resp: 92570
 Ion Ratio Lower Upper
 96 100
 61 165.2 141.7 212.5
 98 63.3 51.6 77.4





#13

Acrolein

Concen: 187.114 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

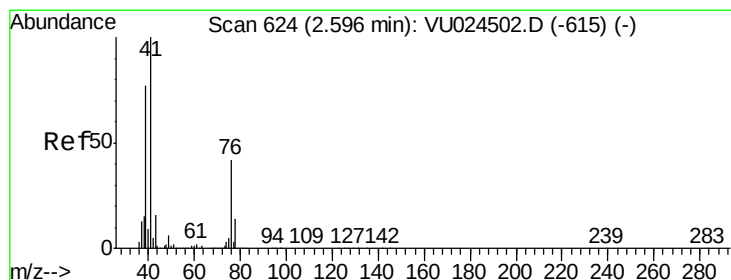
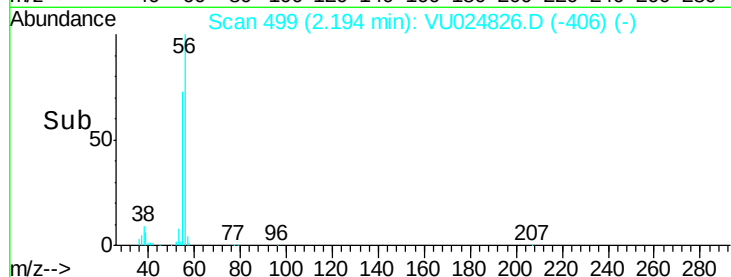
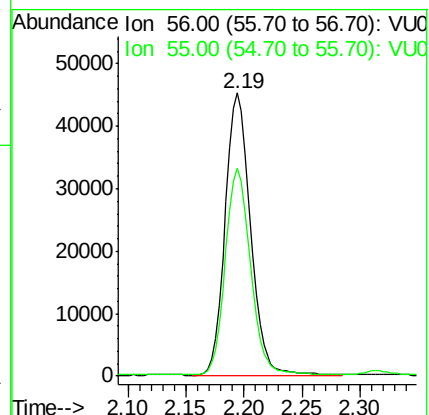
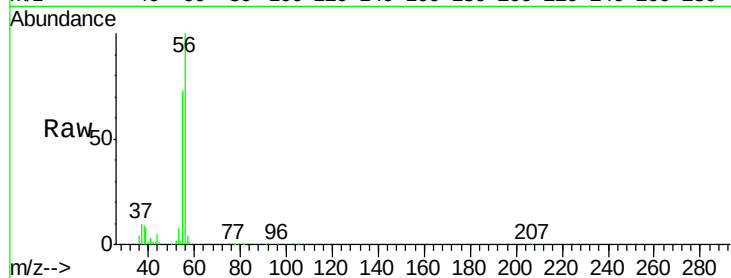
VSTDCCC050EC

Tot Ion: 56 Resp: 68536

Ion Ratio Lower Upper

56 100

55 72.2 58.4 87.6



#14

Allyl chloride

Concen: 42.288 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

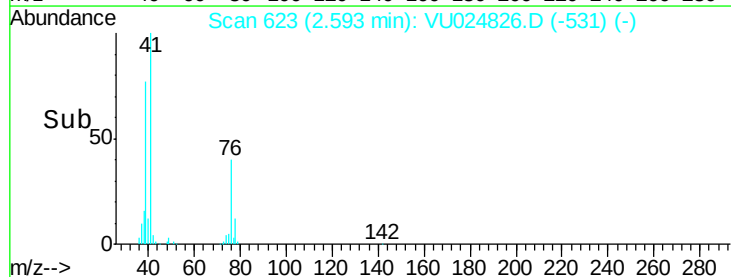
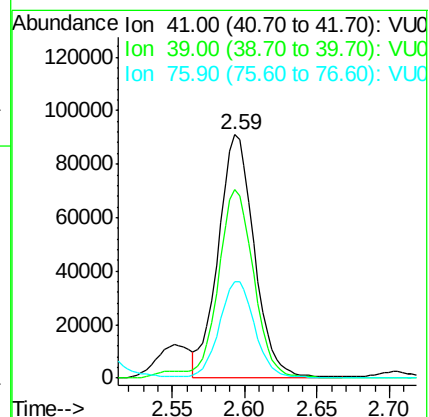
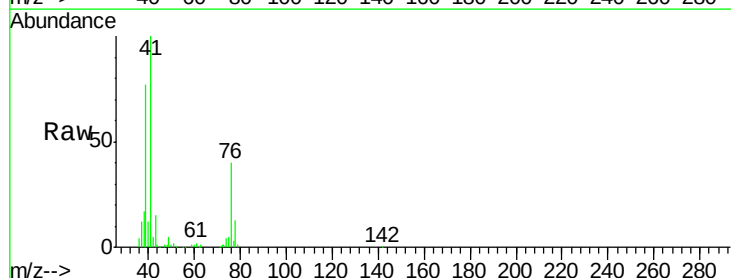
Tgt Ion: 41 Resp: 157062

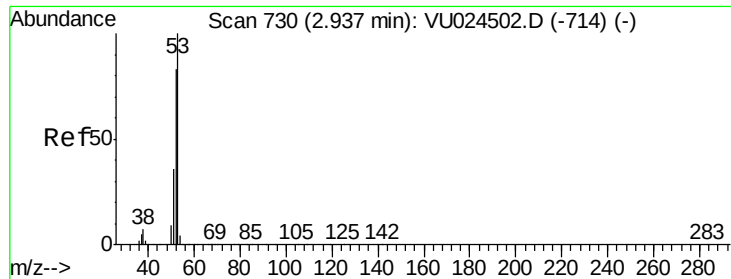
Ion Ratio Lower Upper

41 100

39 75.5 61.6 92.4

76 39.2 29.7 44.5





#15

Acrylonitrile

Concen: 242.093 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

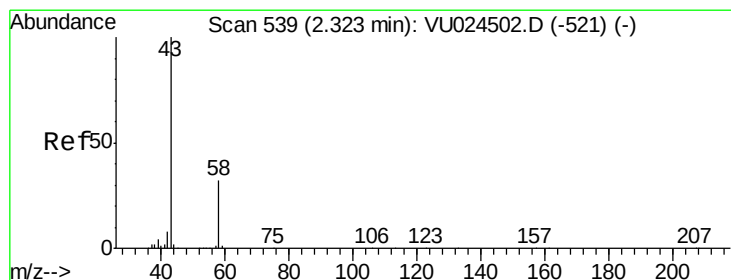
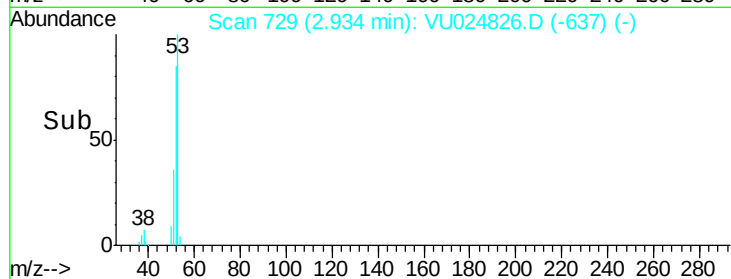
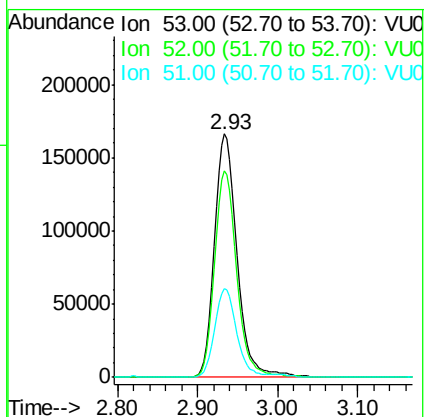
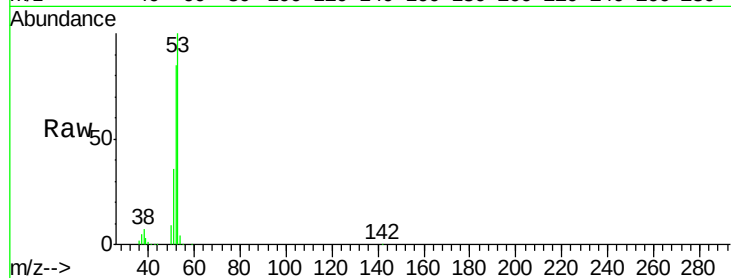
Tot Ion: 53 Resp: 328539

Ion Ratio Lower Upper

53 100

52 83.3 67.1 100.7

51 35.5 28.4 42.6



#16

Acetone

Concen: 187.328 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024826.D

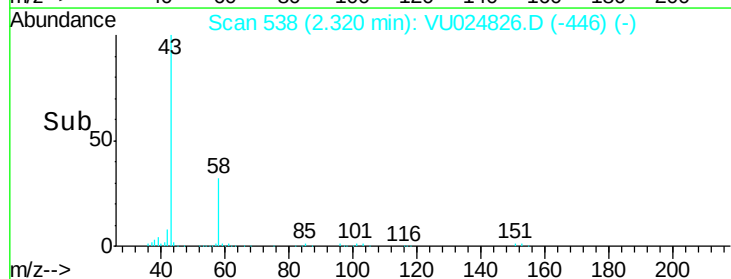
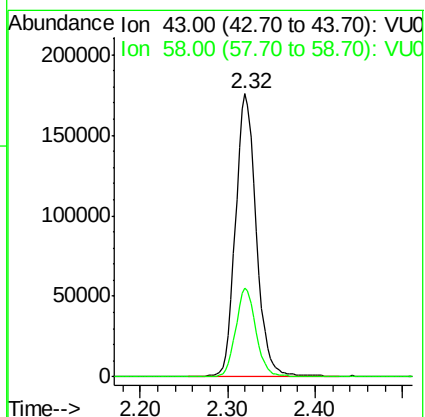
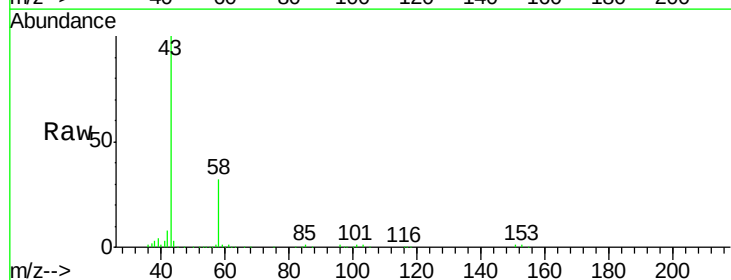
Acq: 21 Jun 2018 21:21

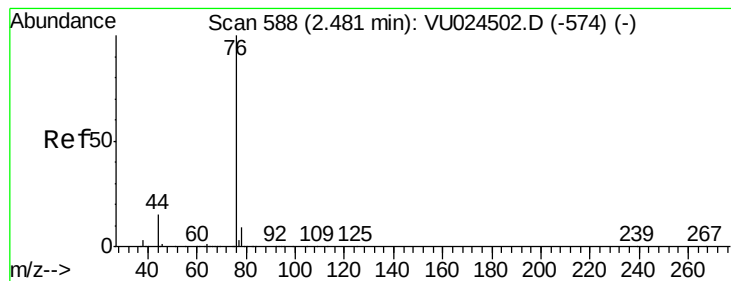
Tgt Ion: 43 Resp: 288661

Ion Ratio Lower Upper

43 100

58 31.5 24.4 36.6





#17

Carbon Disulfide

Concen: 40.928 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

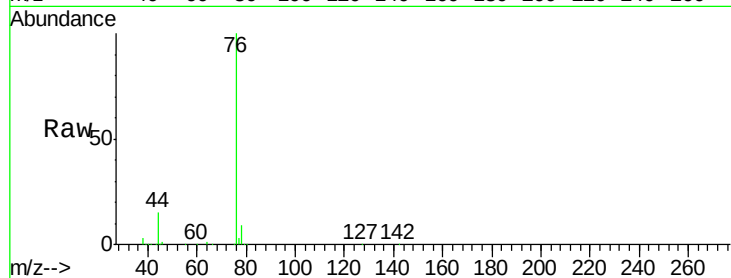
VSTDCCC050EC

Tot Ion: 76 Resp: 262149

Ion Ratio Lower Upper

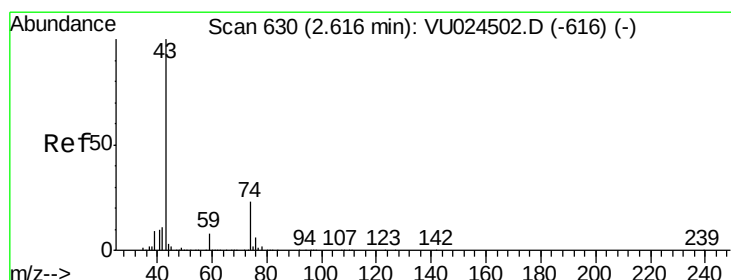
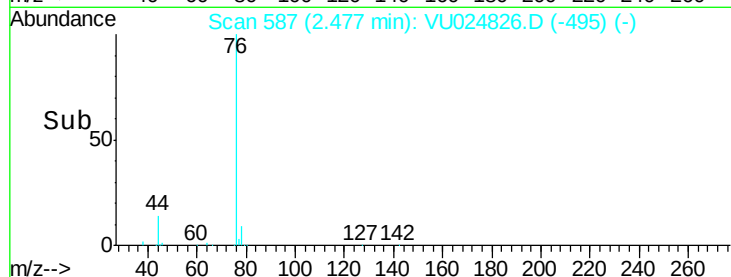
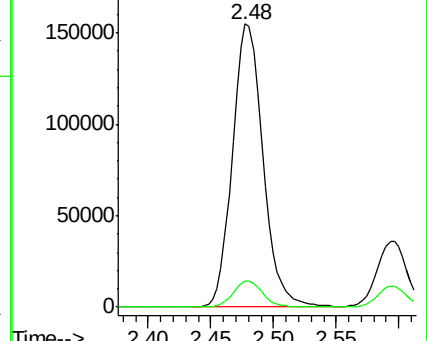
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 52.135 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU024826.D

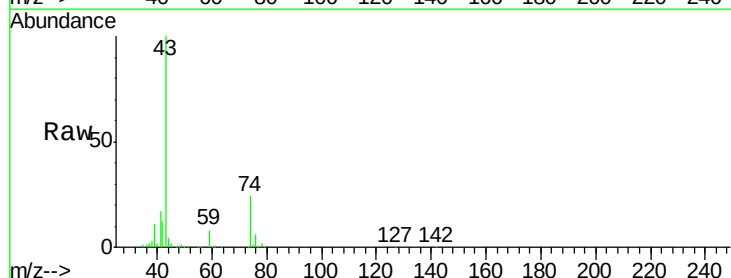
Acq: 21 Jun 2018 21:21

Tgt Ion: 43 Resp: 172227

Ion Ratio Lower Upper

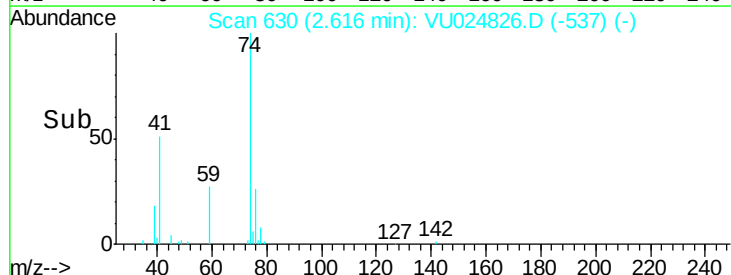
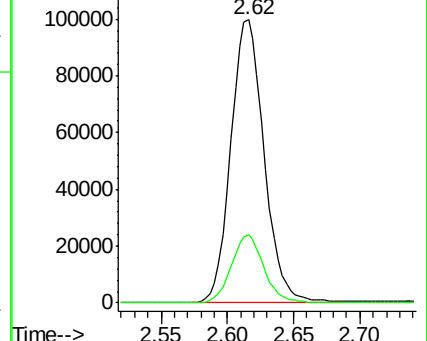
43 100

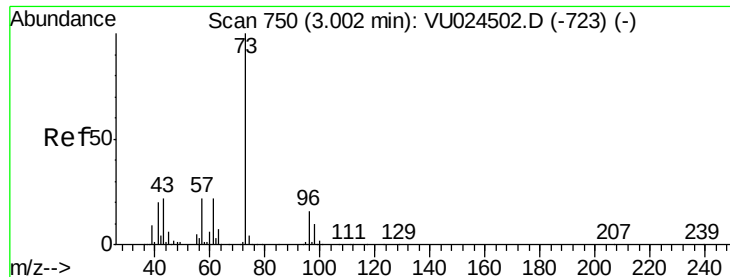
74 23.7 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

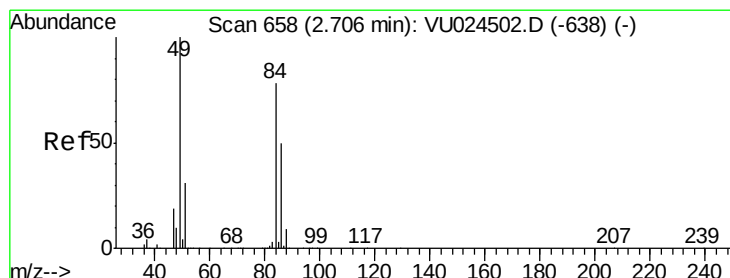
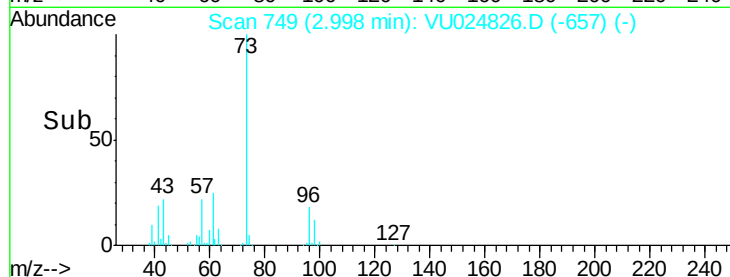
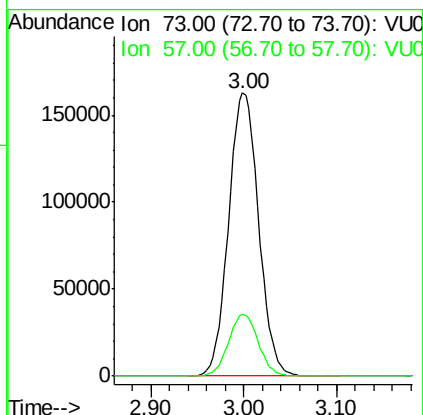
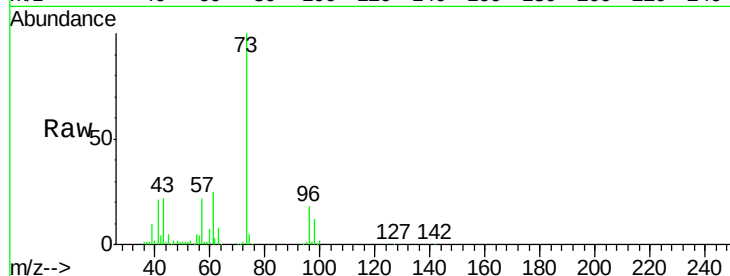




#19
Methyl tert-butyl Ether
Concen: 48.540 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

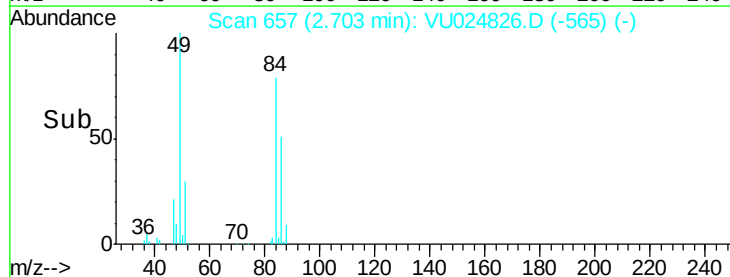
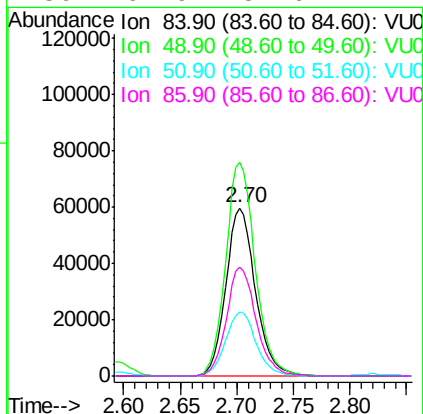
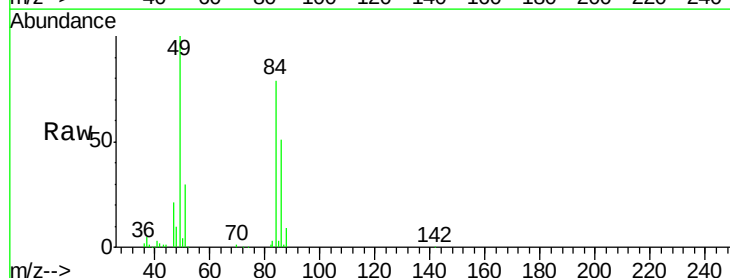
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

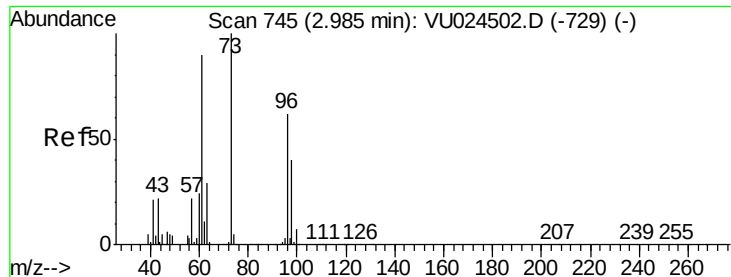
Tot Ion: 73 Resp: 364978
Ion Ratio Lower Upper
73 100
57 21.8 18.8 28.2



#20
Methylene Chloride
Concen: 44.786 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion: 84 Resp: 108286
Ion Ratio Lower Upper
84 100
49 127.2 103.8 155.8
51 37.8 32.0 48.0
86 64.9 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.795 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

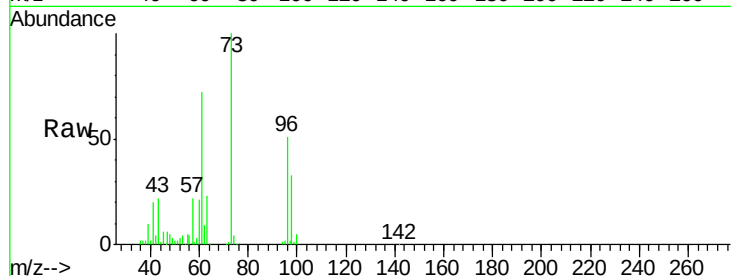
Tot Ion: 96 Resp: 100893

Ion Ratio Lower Upper

96 100

61 140.3 119.4 179.0

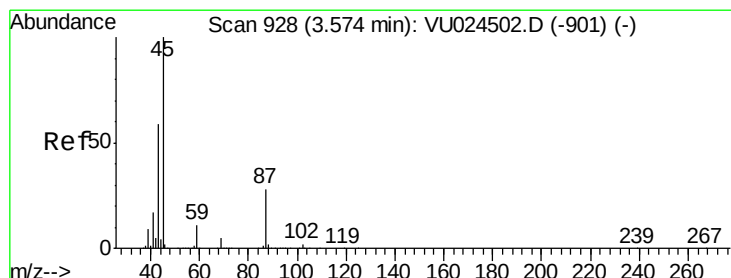
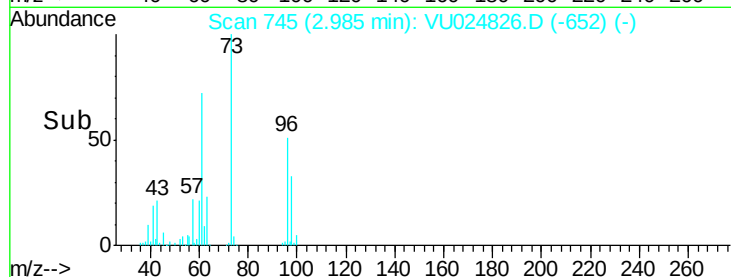
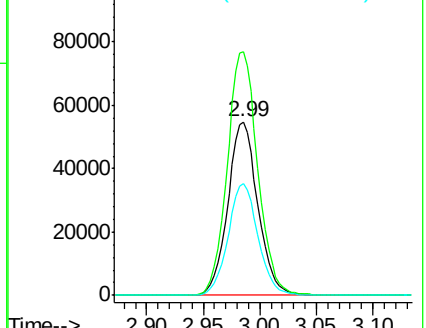
98 64.2 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024826.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU024826.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU024826.D (-652) (-)



#22

Diisopropyl ether

Concen: 48.876 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Tgt Ion: 45 Resp: 359849

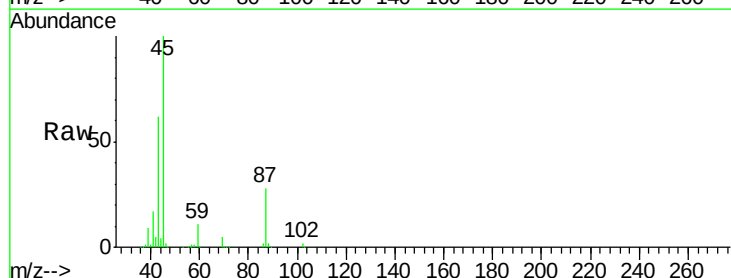
Ion Ratio Lower Upper

45 100

43 61.6 45.8 68.6

87 28.1 20.6 31.0

59 11.1 9.4 14.0

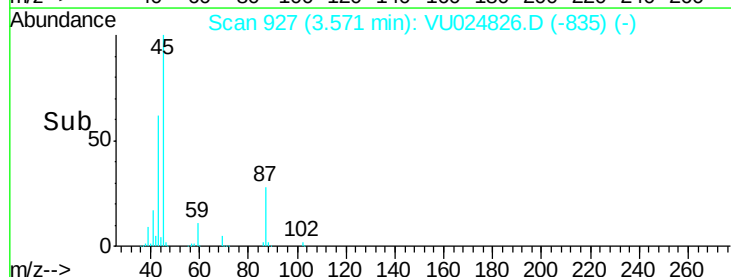
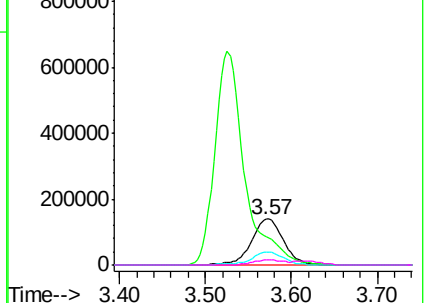


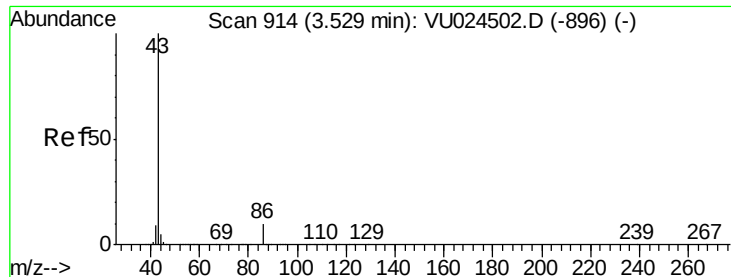
Abundance Ion 45.00 (44.70 to 45.70): VU024826.D (-835) (-)

Ion 43.00 (42.70 to 43.70): VU024826.D (-835) (-)

Ion 87.00 (86.70 to 87.70): VU024826.D (-835) (-)

Ion 59.00 (58.70 to 59.70): VU024826.D (-835) (-)





#23

Vinyl Acetate

Concen: 238.306 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

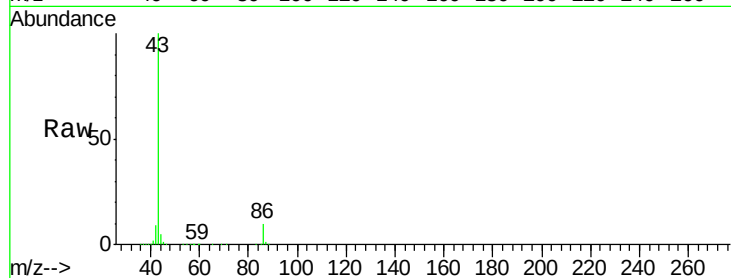
VSTDCCC050EC

Tot Ion: 43 Resp: 1571703

Ion Ratio Lower Upper

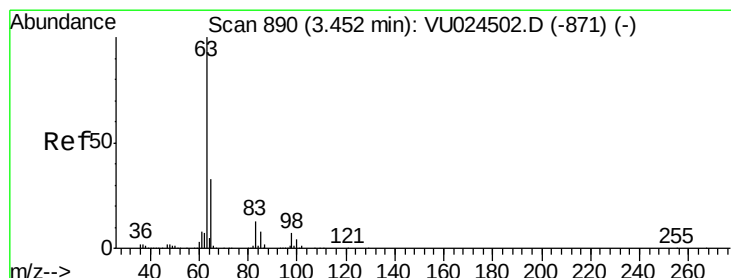
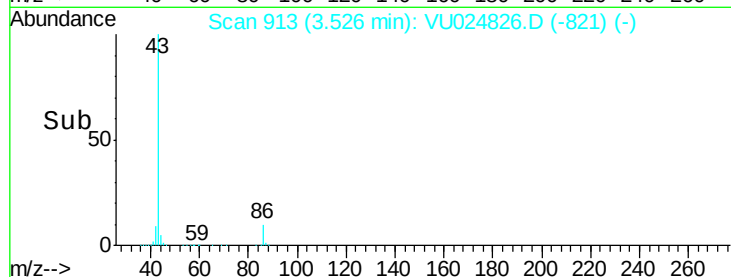
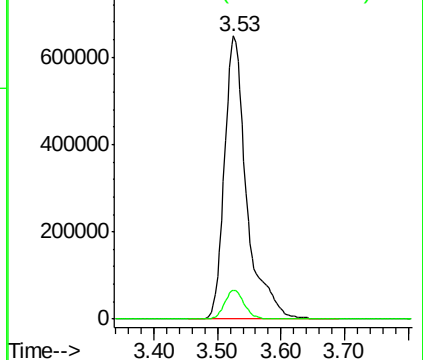
43 100

86 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 47.725 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

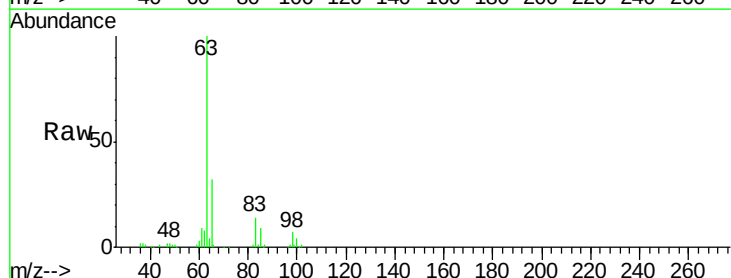
Tgt Ion: 63 Resp: 202139

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

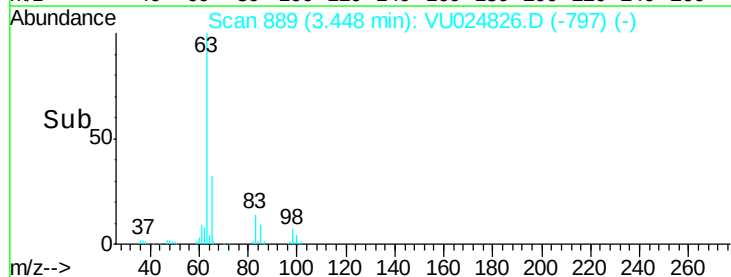
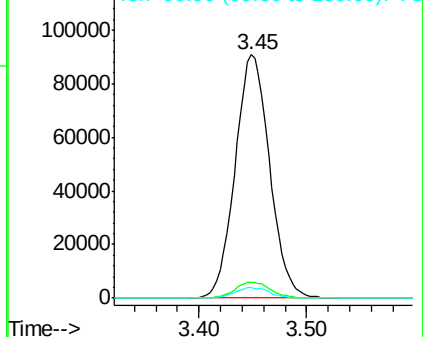
100 4.1 1.8 5.5

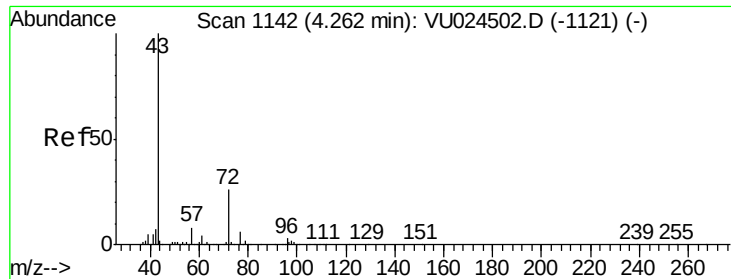


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 231.576 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

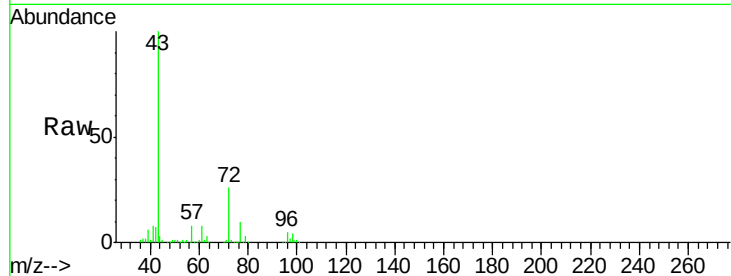
VSTDCCC050EC

Tot Ion: 43 Resp: 479321

Ion Ratio Lower Upper

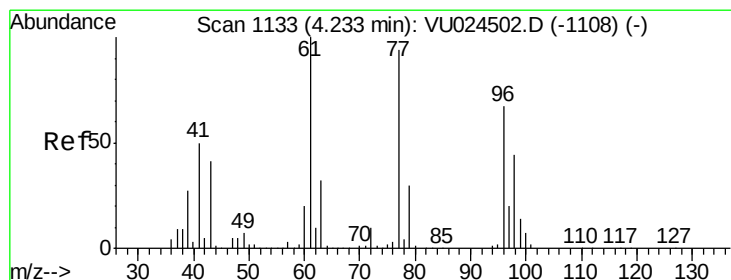
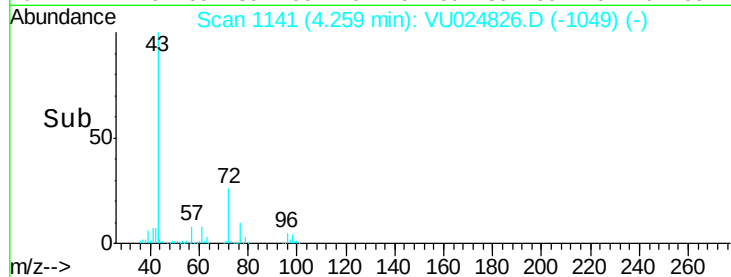
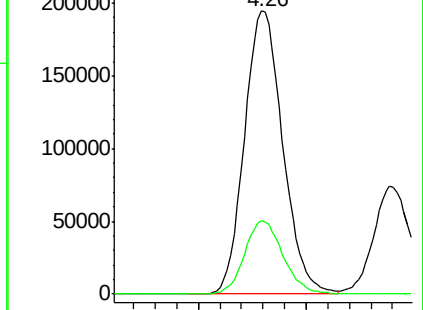
43 100

72 25.8 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 41.676 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024826.D

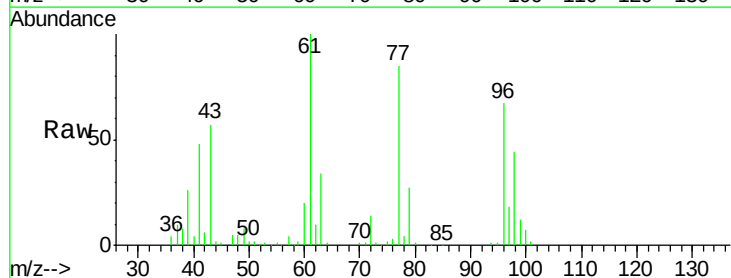
Acq: 21 Jun 2018 21:21

Tgt Ion: 77 Resp: 167611

Ion Ratio Lower Upper

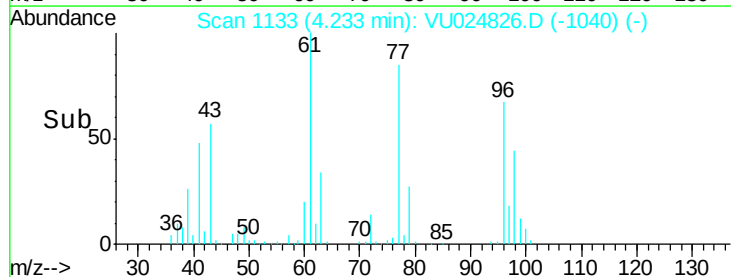
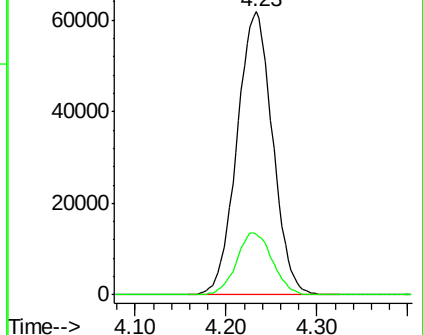
77 100

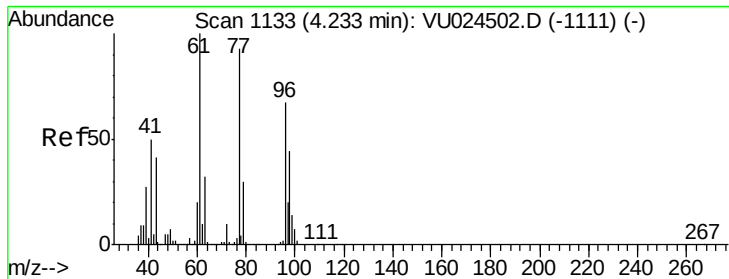
97 22.1 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

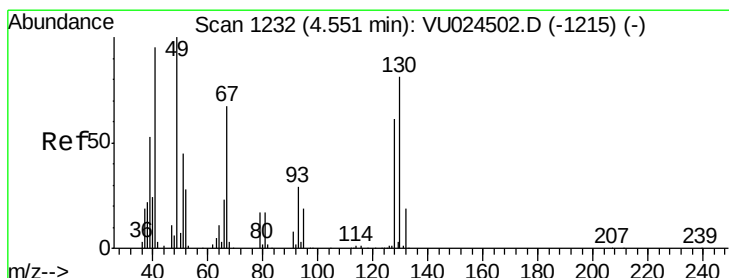
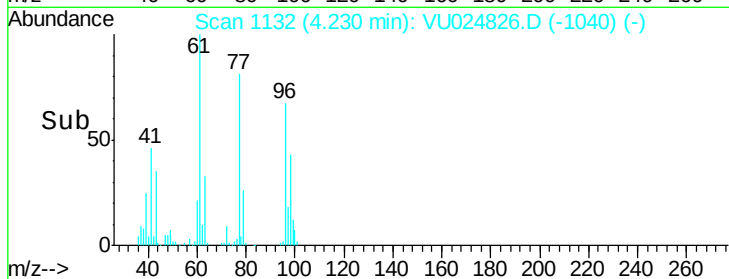
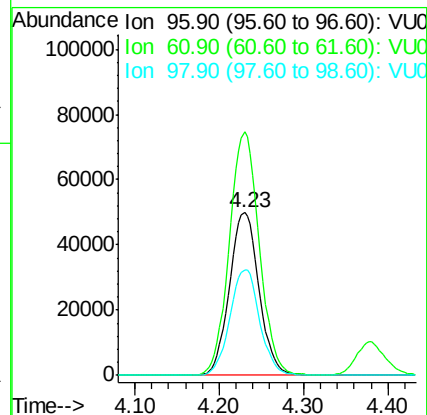
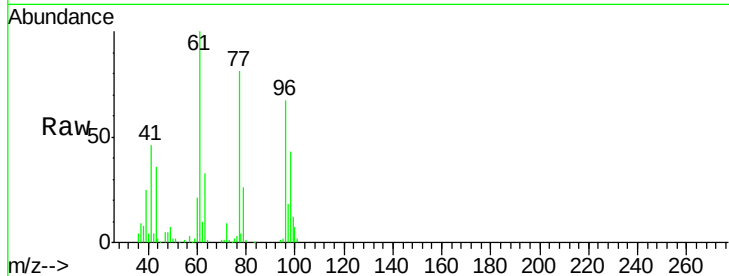




#27
 cis-1,2-Dichloroethene
 Concen: 48.178 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

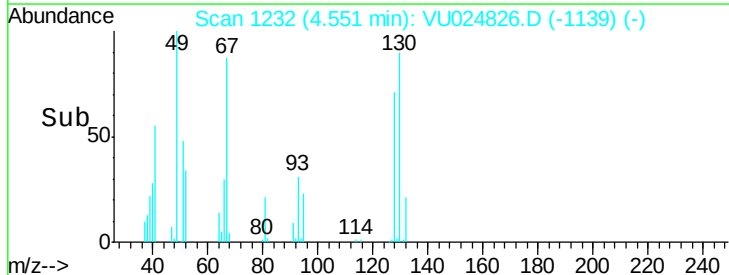
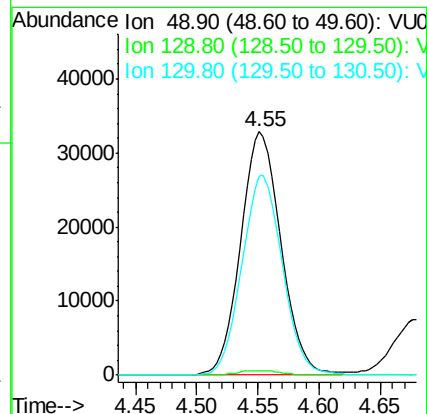
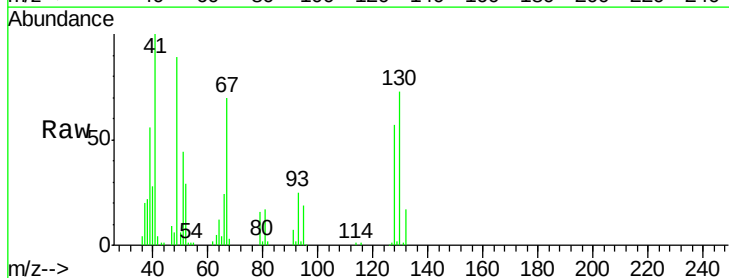
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

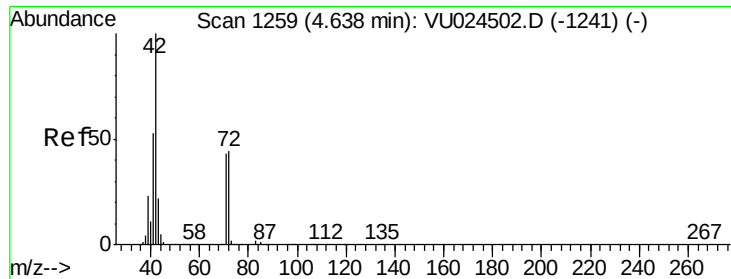
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.8	0.0	306.6
98	65.2	0.0	128.8



#28
 Bromochloromethane
 Concen: 40.320 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	82.3	57.8	86.6

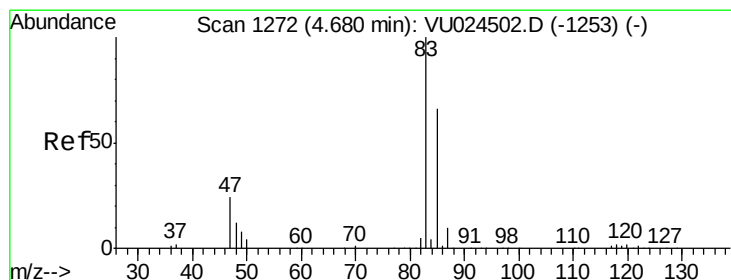
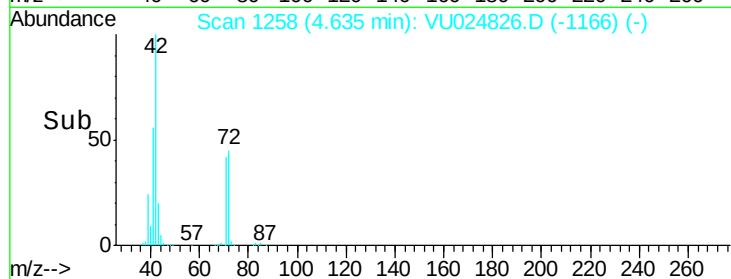
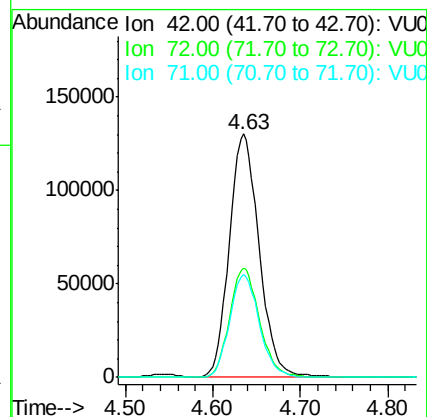
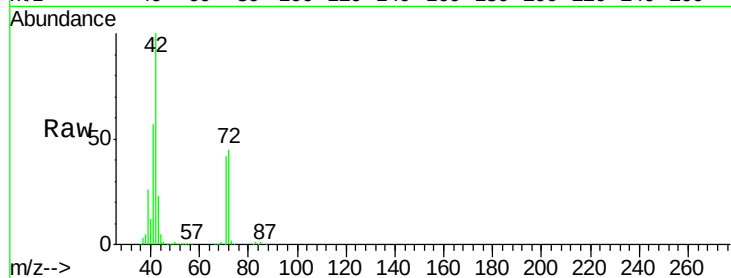




#29
Tetrahydrofuran
Concen: 239.046 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

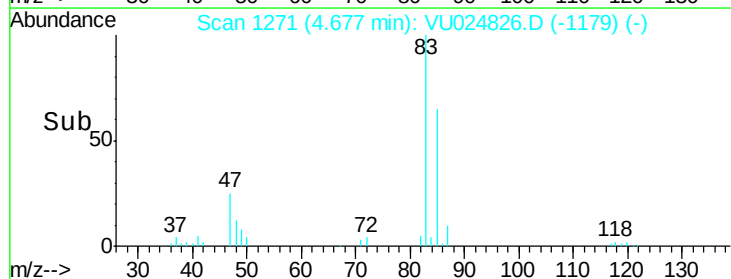
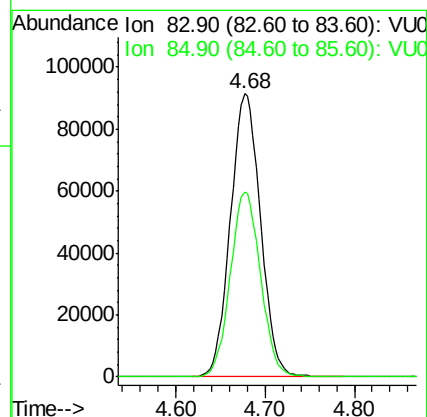
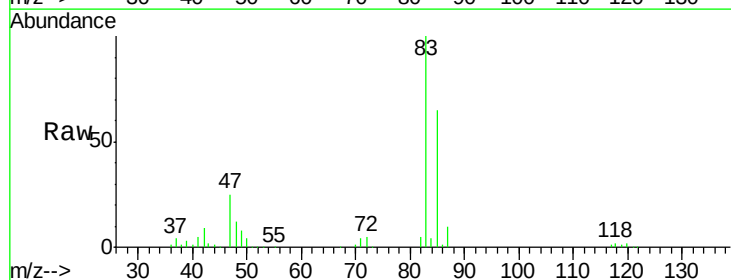
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

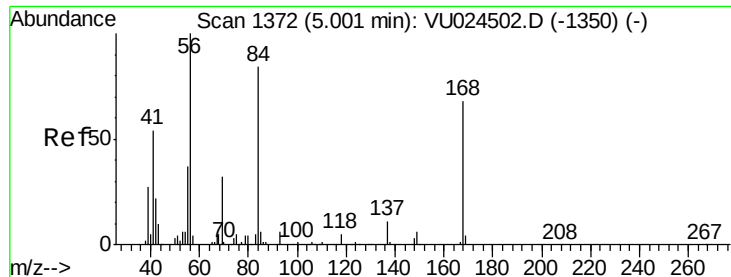
Tot Ion: 42 Resp: 306403
Ion Ratio Lower Upper
42 100
72 45.3 34.5 51.7
71 42.3 32.2 48.4



#30
Chloroform
Concen: 49.931 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion: 83 Resp: 214055
Ion Ratio Lower Upper
83 100
85 65.3 52.4 78.6

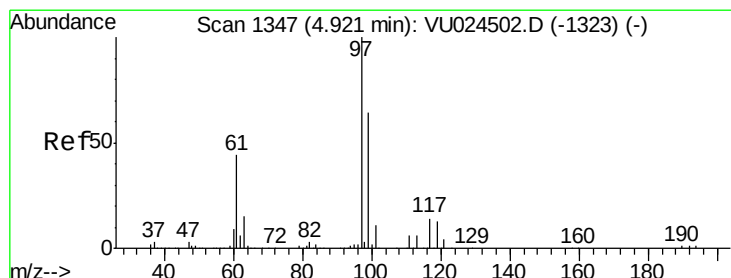
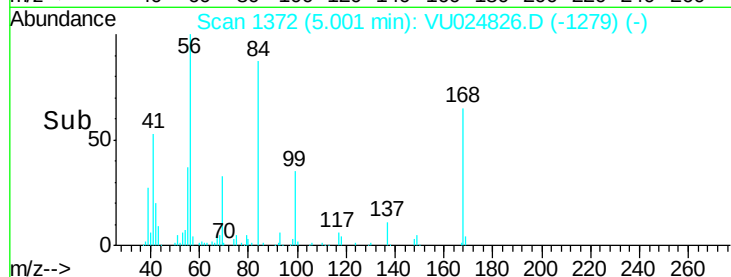
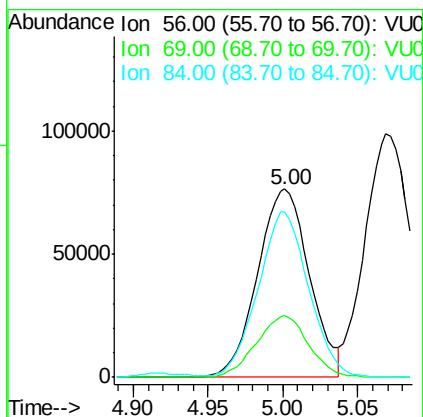
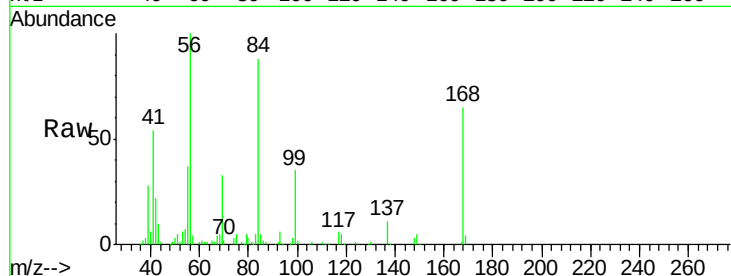




#31
Cyclohexane
Concen: 48.868 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

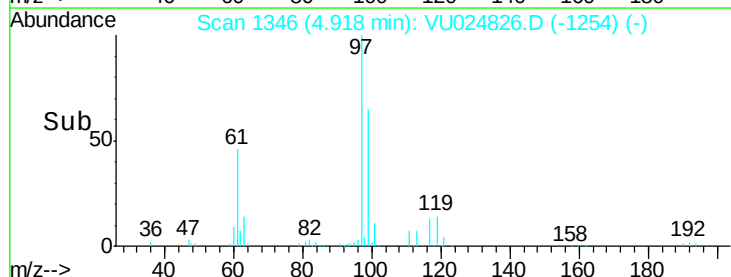
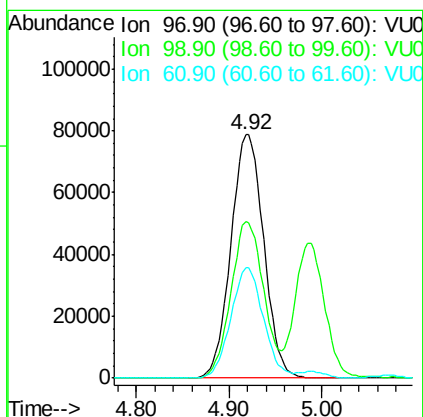
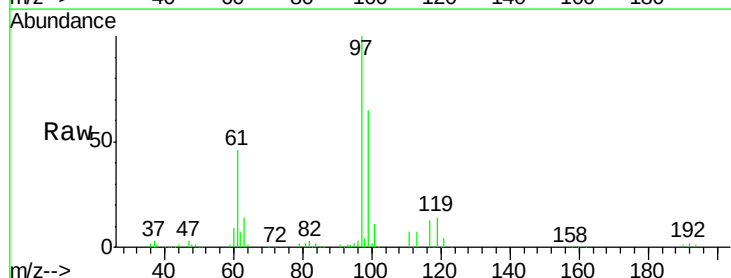
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

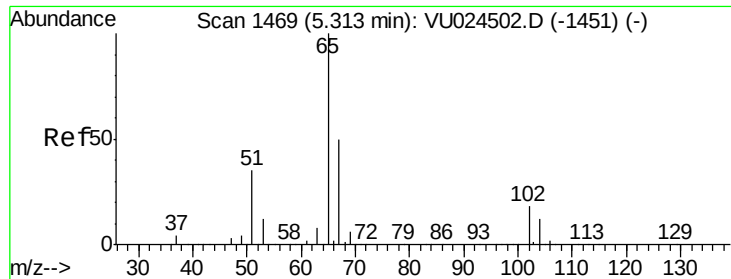
Tot Ion: 56 Resp: 183972
Ion Ratio Lower Upper
56 100
69 32.5 24.8 37.2
84 86.8 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 48.798 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion: 97 Resp: 193450
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 45.1 39.4 59.0

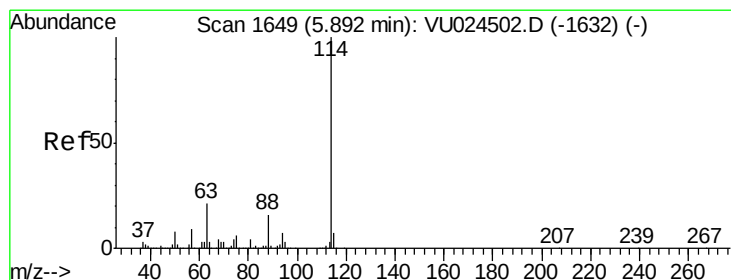
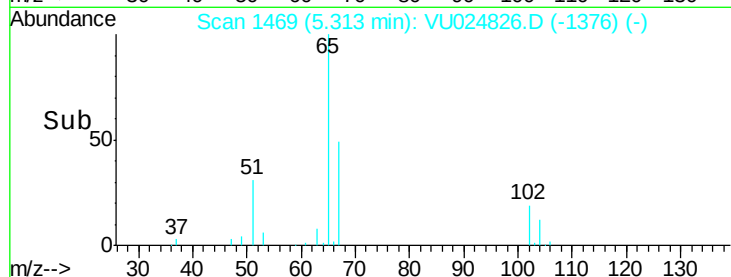
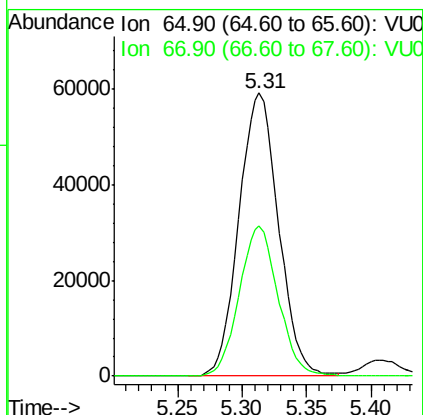
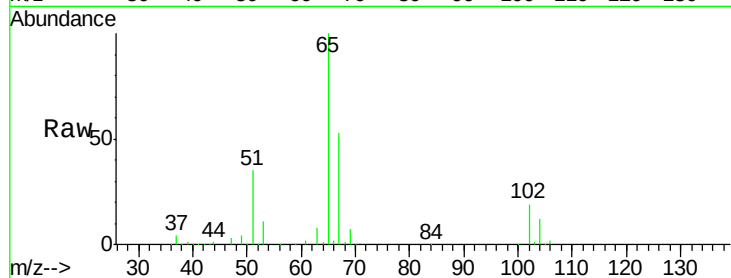




#33
 1,2-Dichloroethane-d4
 Concen: 44.075 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

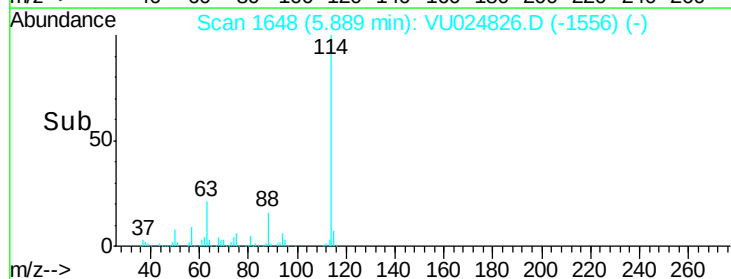
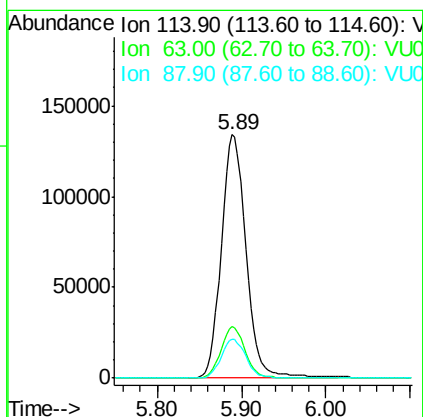
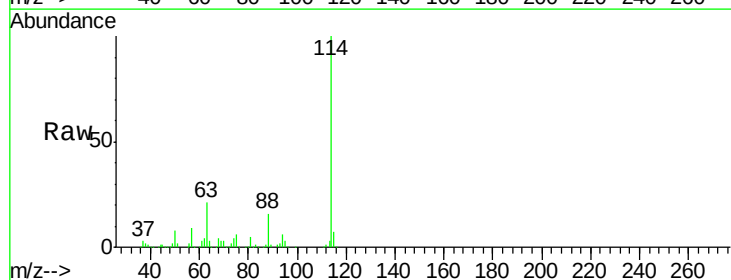
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

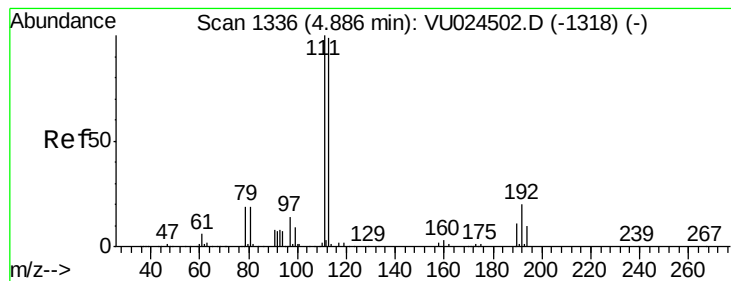
Tot Ion: 65 Resp: 126404
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion: 114 Resp: 273266
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.4
 88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 43.563 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

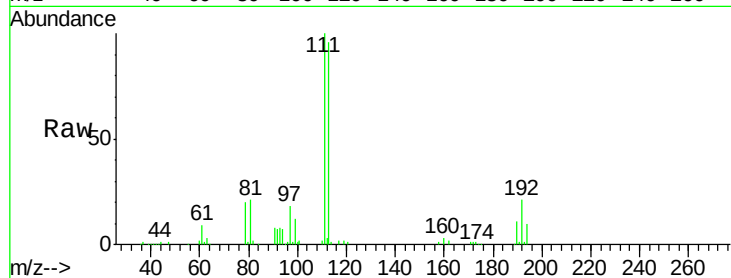
Tot Ion:113 Resp: 98797

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

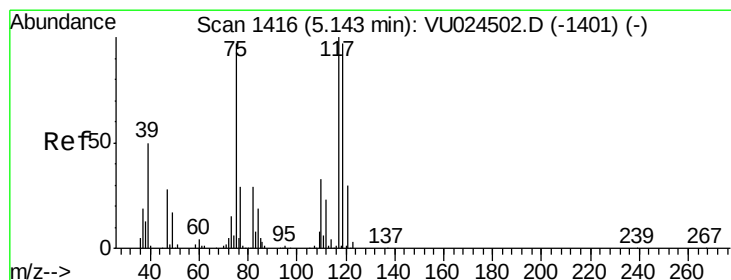
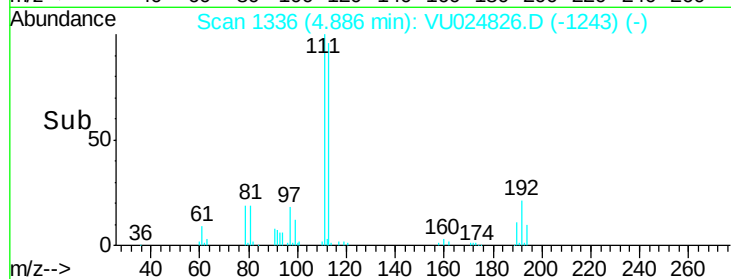
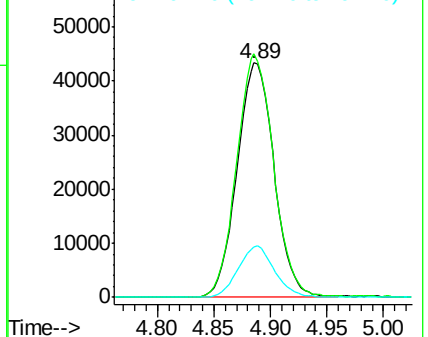
192 21.3 16.2 24.4



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: 46.905 ug/l

RT: 5.14 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

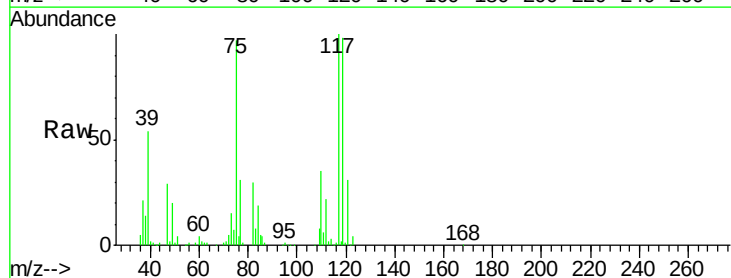
Tgt Ion: 75 Resp: 150617

Ion Ratio Lower Upper

75 100

110 36.5 17.0 50.9

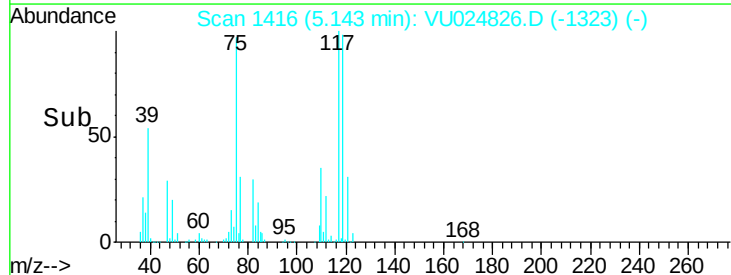
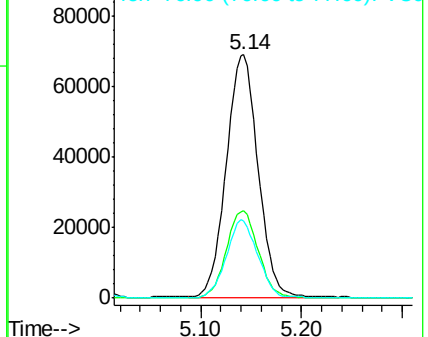
77 31.6 24.2 36.4

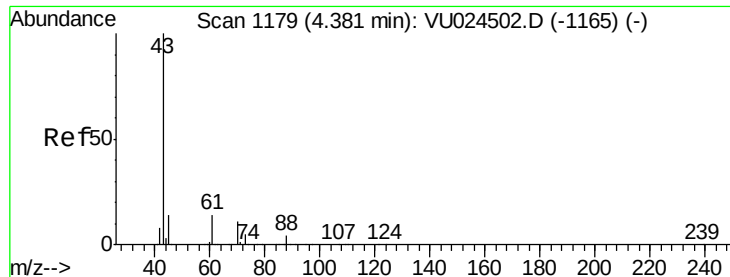


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

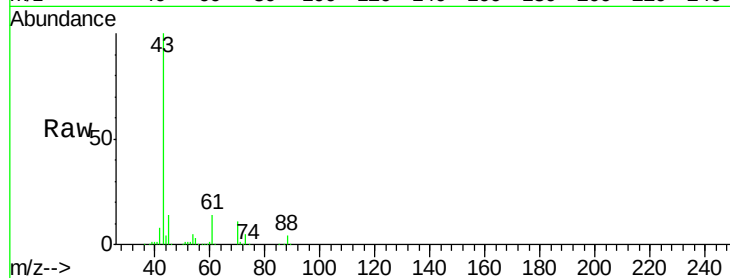




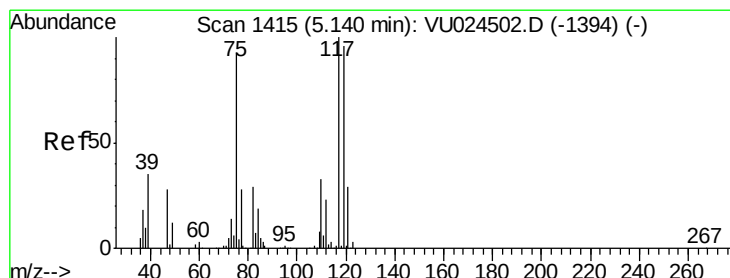
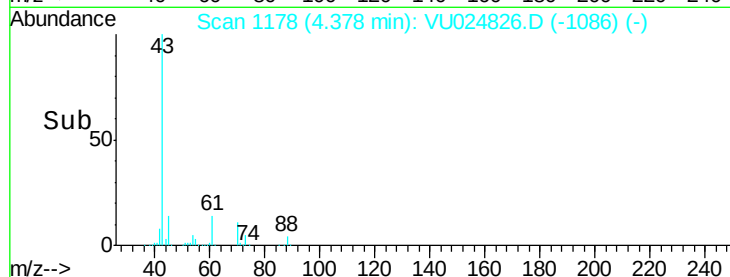
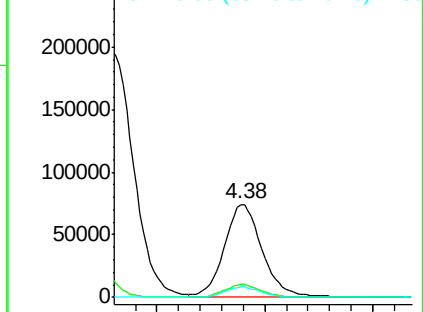
#37
Ethyl Acetate
Concen: 50.945 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 178302
Ion Ratio Lower Upper
43 100
61 13.6 10.5 15.7
70 11.0 7.4 11.2

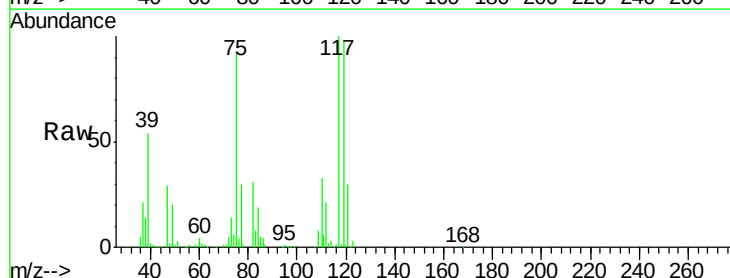


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

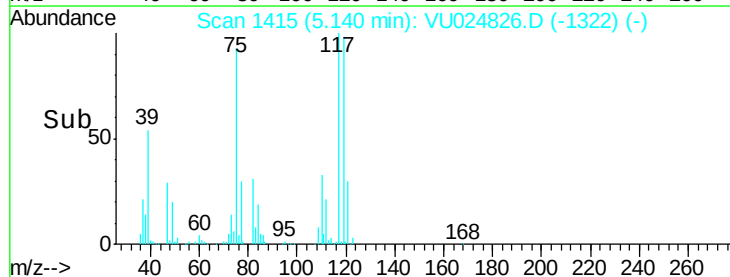
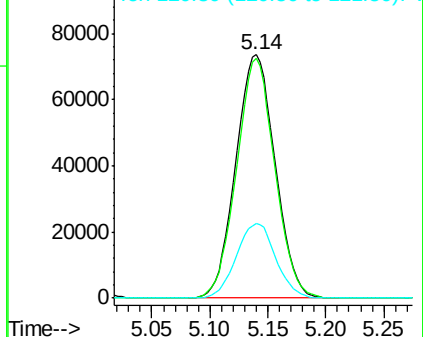


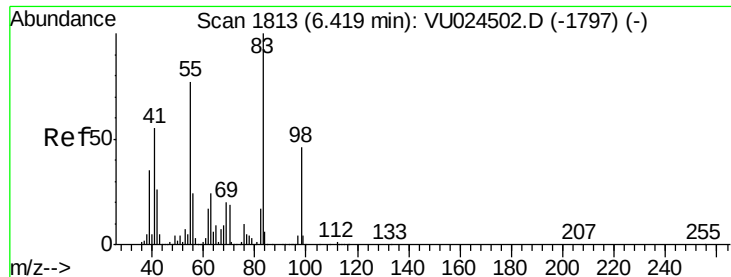
#38
Carbon Tetrachloride
Concen: 49.160 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion: 117 Resp: 173590
Ion Ratio Lower Upper
117 100
119 98.5 76.1 114.1
121 30.4 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

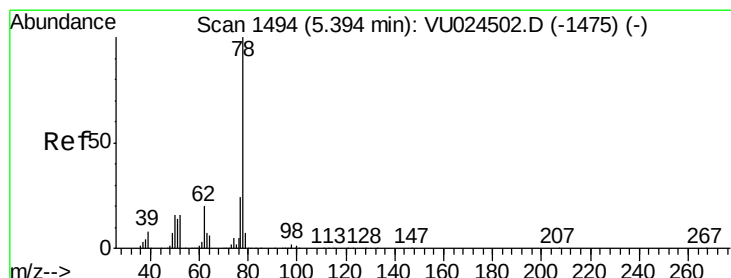
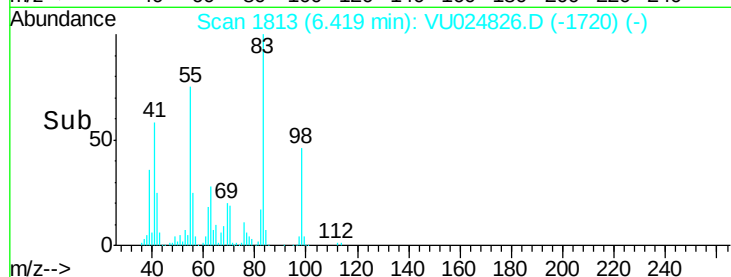
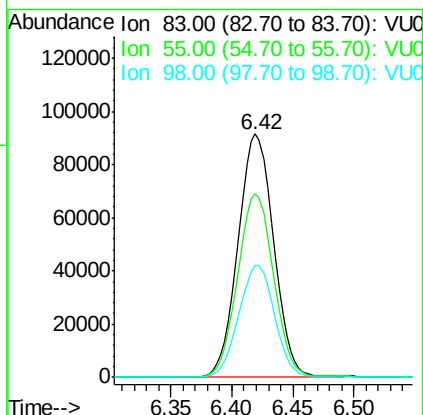
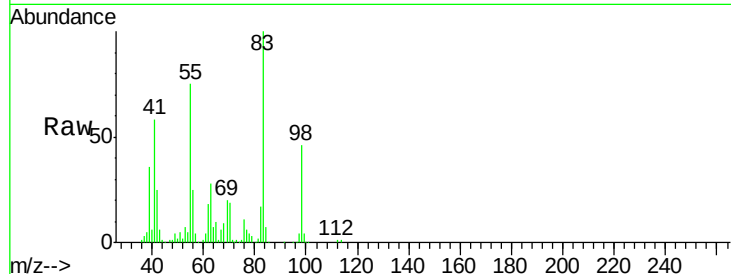




#39
Methylvlcyclohexane
Concen: 46.180 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

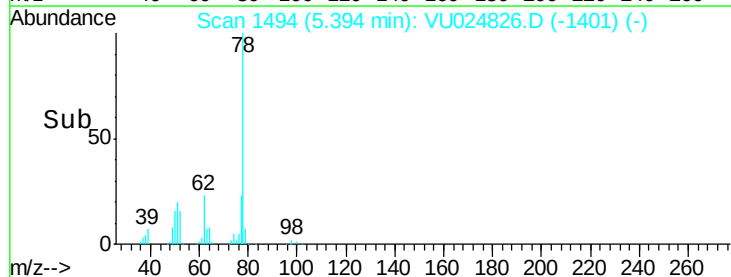
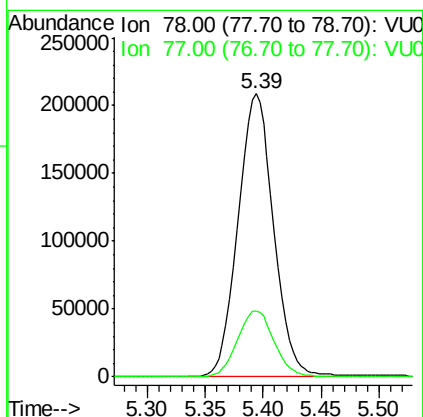
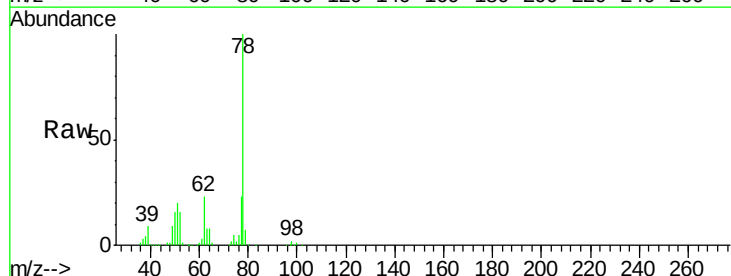
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

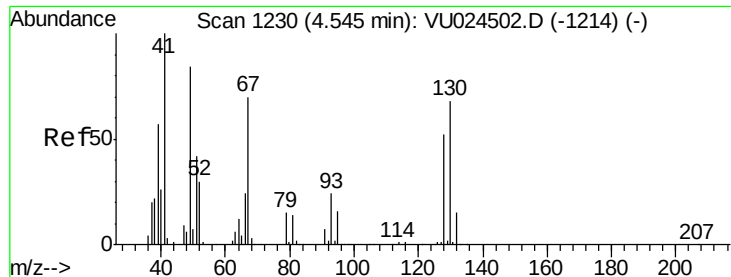
Tot Ion: 83 Resp: 185052
Ion Ratio Lower Upper
83 100
55 75.3 65.8 98.6
98 45.9 36.7 55.1



#40
Benzene
Concen: 48.591 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion: 78 Resp: 444599
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8





#41

Methacrylonitrile

Concen: 53.252 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 100486

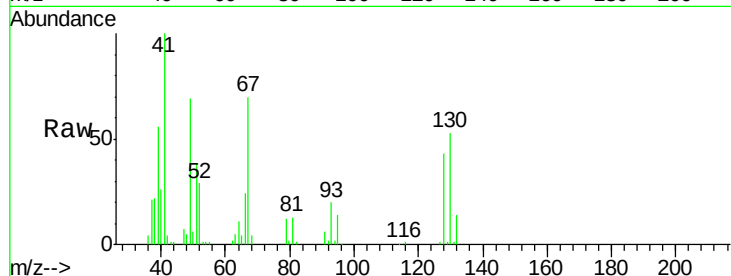
Ion Ratio Lower Upper

41 100

39 56.4 43.8 65.6

67 71.3 56.3 84.5

52 30.1 23.2 34.8

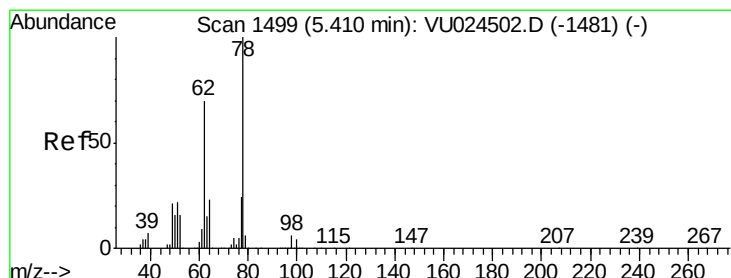
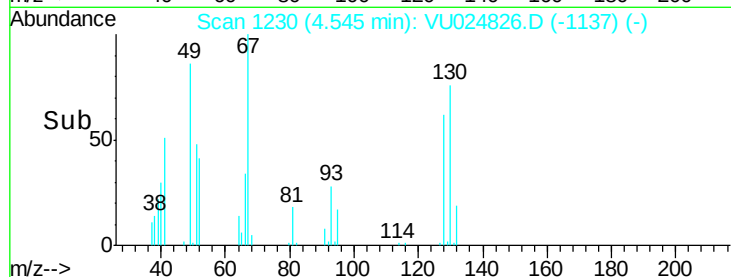
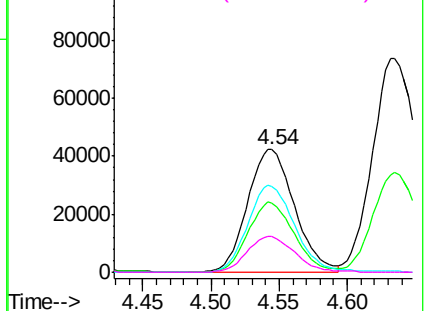


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 51.391 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VU024826.D

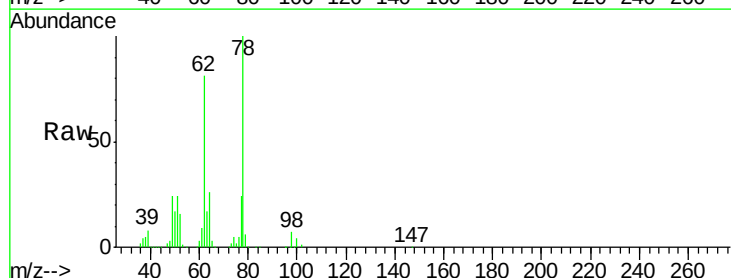
Acq: 21 Jun 2018 21:21

Tgt Ion: 62 Resp: 179090

Ion Ratio Lower Upper

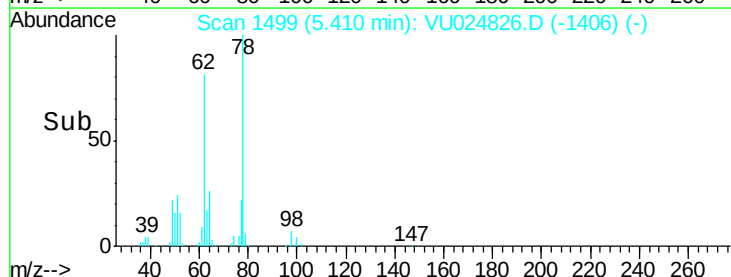
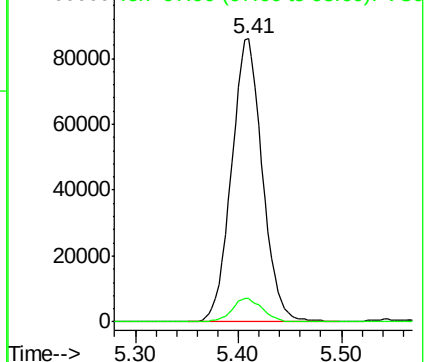
62 100

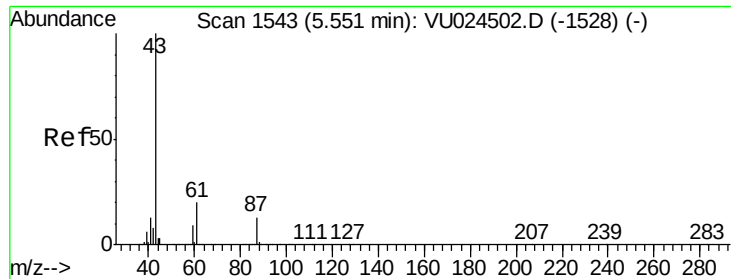
98 8.2 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 47.804 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

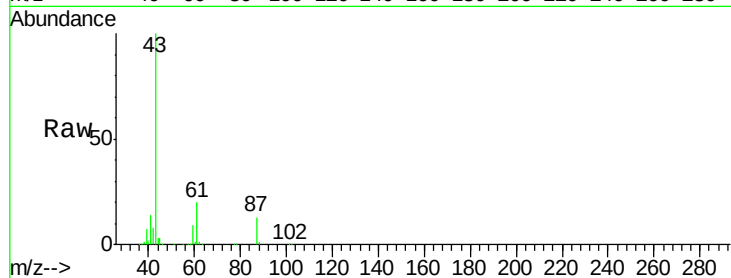
Tot Ion: 43 Resp: 289199

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.0

87 13.2 10.0 15.0

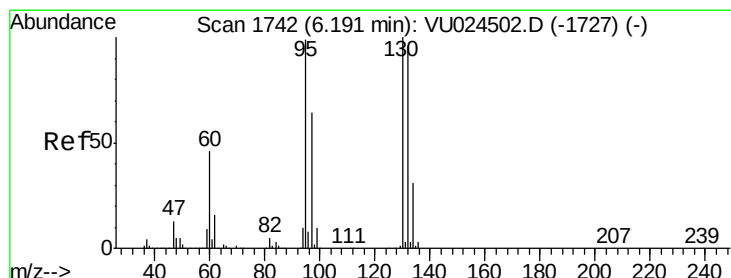
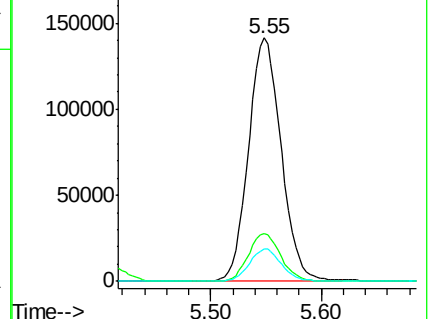
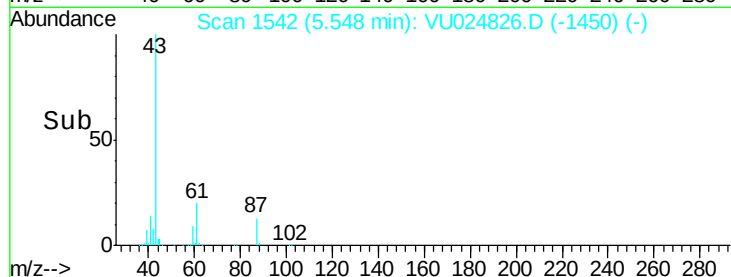


Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)

Ion 61.00 (60.70 to 61.70): VU024502.D (-1528) (-)

Ion 87.00 (86.70 to 87.70): VU024502.D (-1528) (-)

Time-->



#44

Trichloroethene

Concen: 47.400 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024826.D

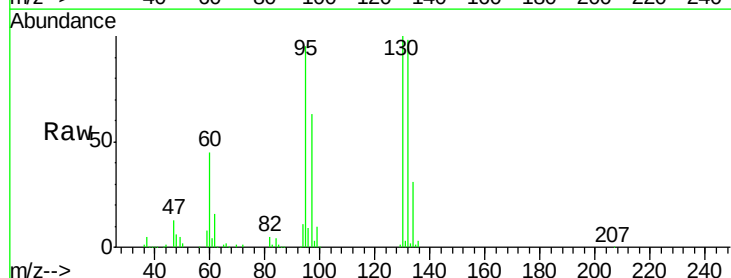
Acq: 21 Jun 2018 21:21

Tgt Ion: 130 Resp: 123430

Ion Ratio Lower Upper

130 100

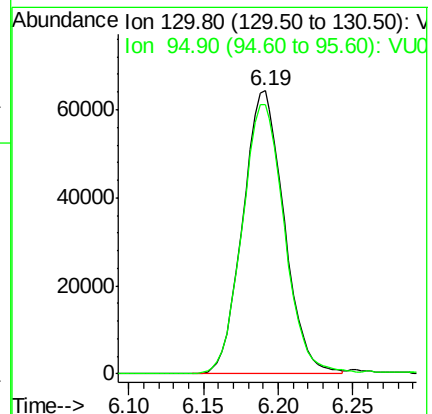
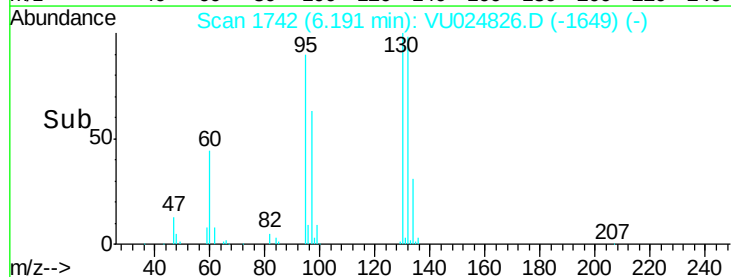
95 95.3 0.0 202.4

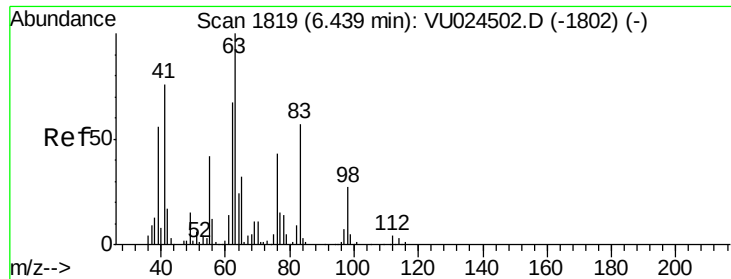


Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU024502.D (-1727) (-)

Time-->

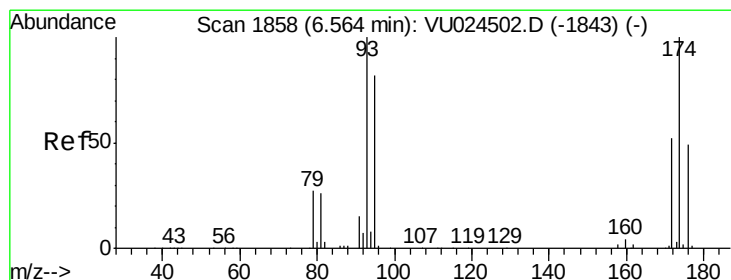
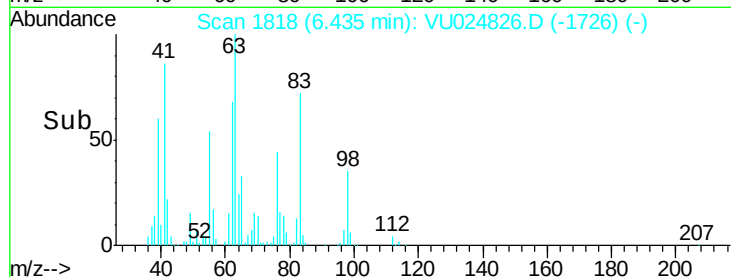
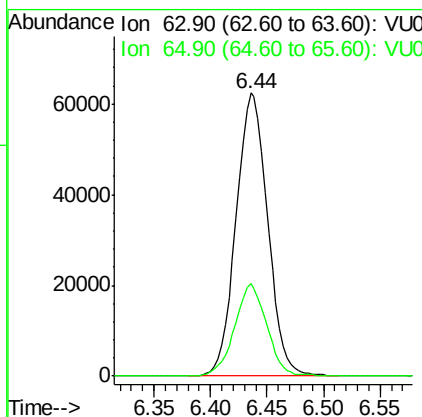
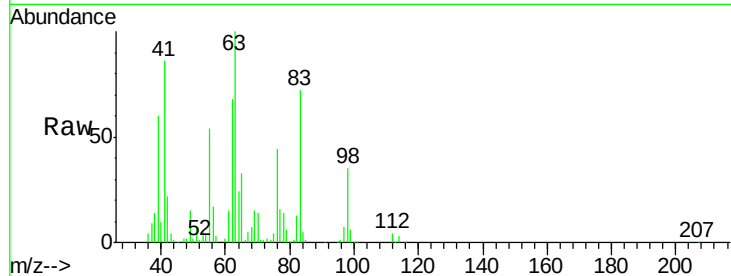




#45
 1,2-Dichloropropane
 Concen: 49.942 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

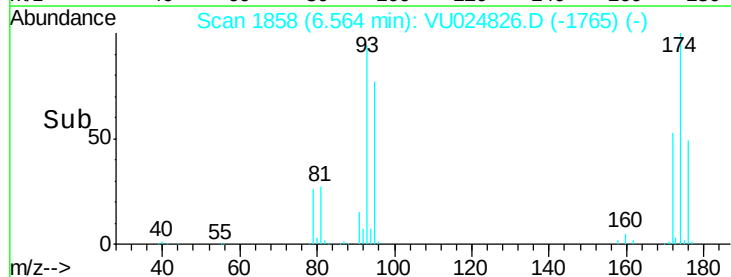
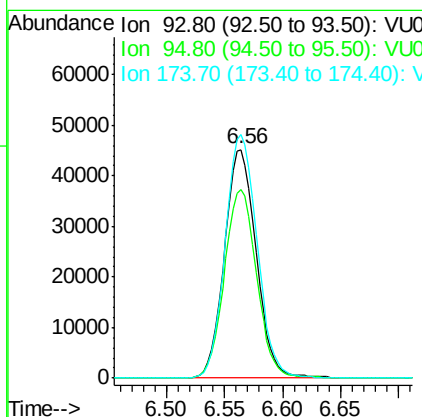
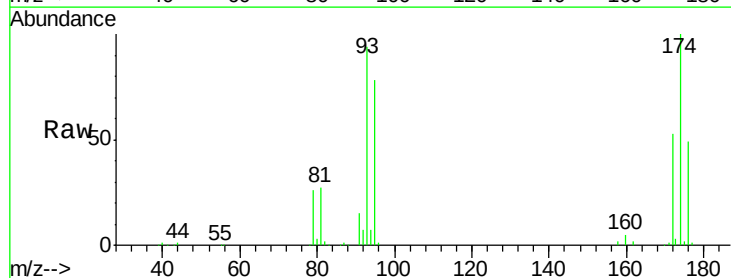
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

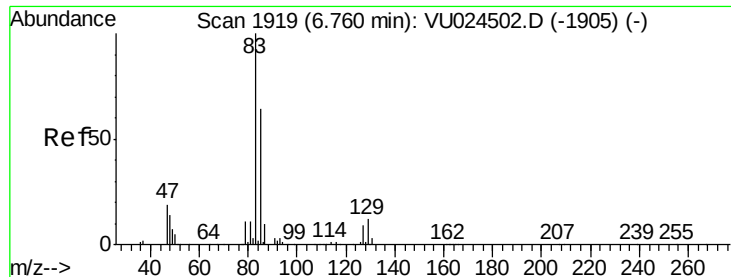
Tot Ion: 63 Resp: 121927
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.8 37.2



#46
 Dibromomethane
 Concen: 50.255 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion: 93 Resp: 86181
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 106.9 78.7 118.1





#47

Bromodichloromethane

Concen: 49.834 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

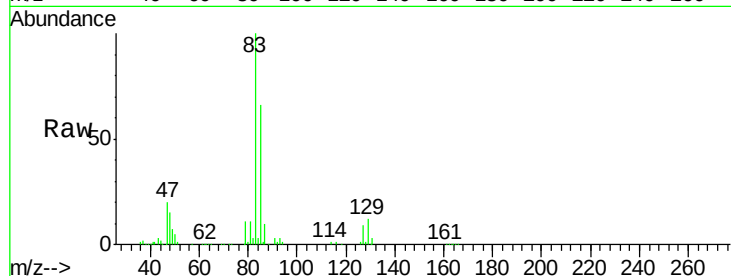
Tot Ion: 83 Resp: 170171

Ion Ratio Lower Upper

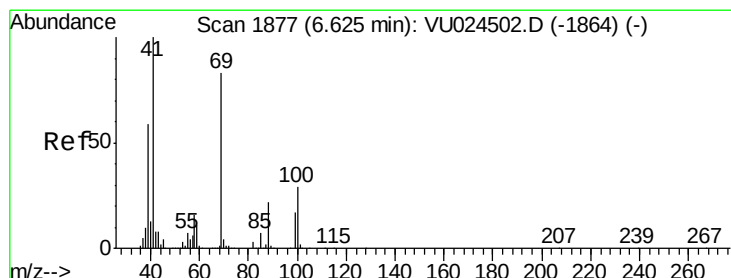
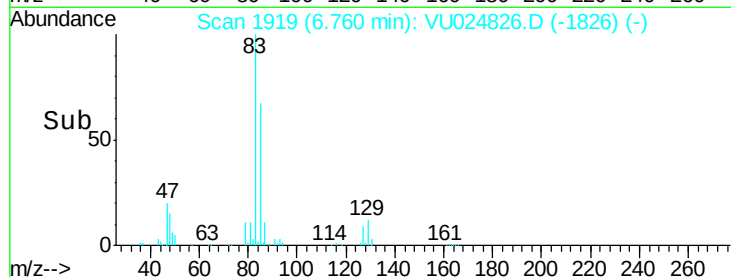
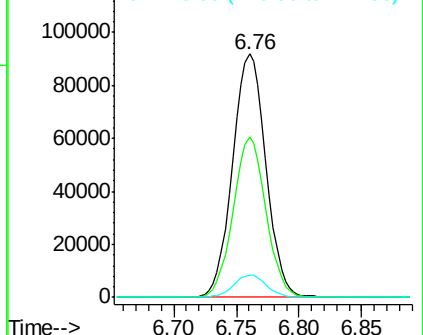
83 100

85 65.7 51.9 77.9

127 9.1 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: 49.999 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

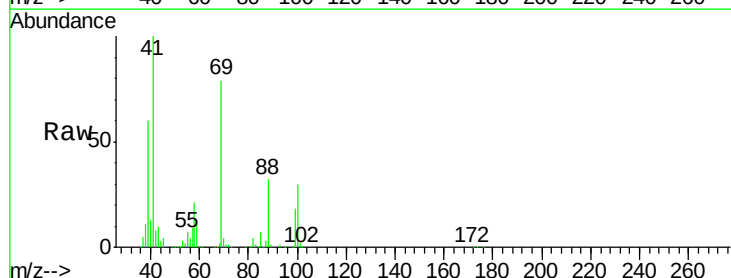
Tgt Ion: 41 Resp: 147289

Ion Ratio Lower Upper

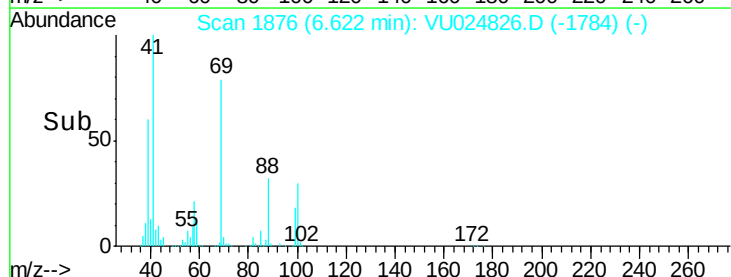
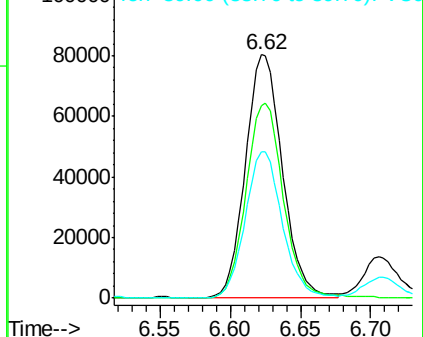
41 100

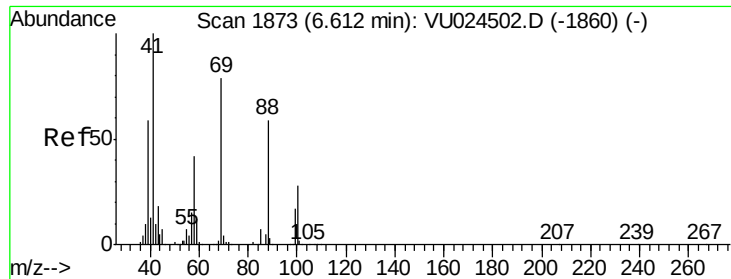
69 81.4 67.3 100.9

39 60.2 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: 1143.202 ug/l

RT: 6.61 min Scan# 1873

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

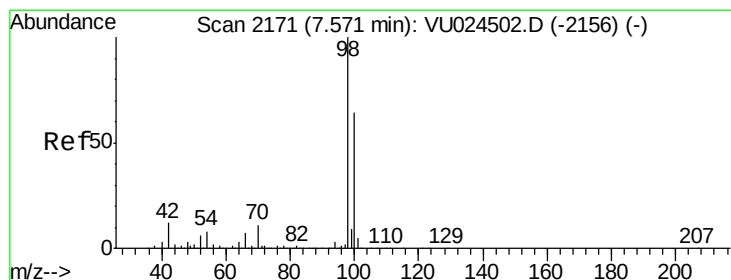
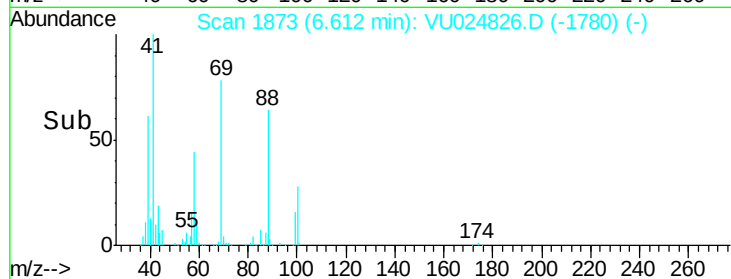
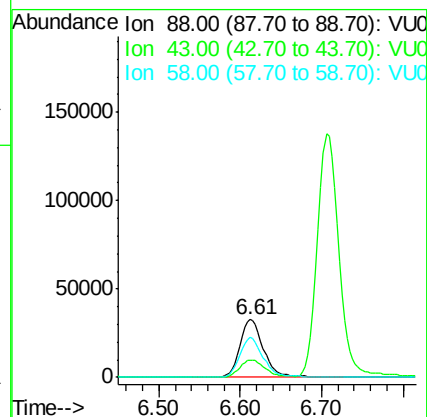
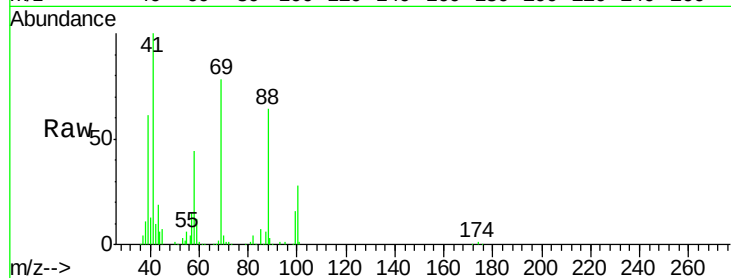
Tot Ion: 88 Resp: 65859

Ion Ratio Lower Upper

88 100

43 32.4 28.6 42.8

58 68.4 58.2 87.4



#50

Toluene-d8

Concen: 43.871 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024826.D

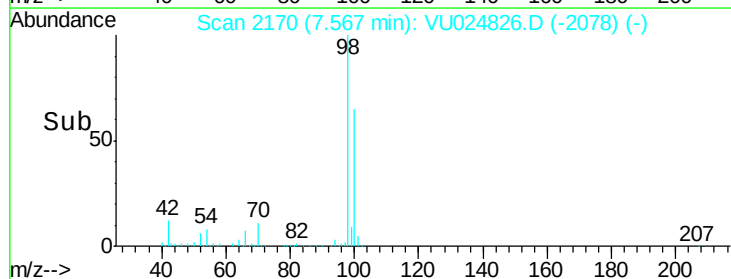
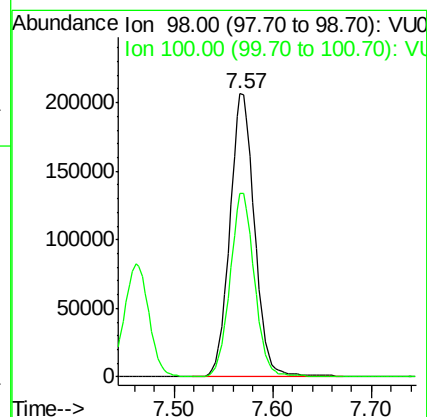
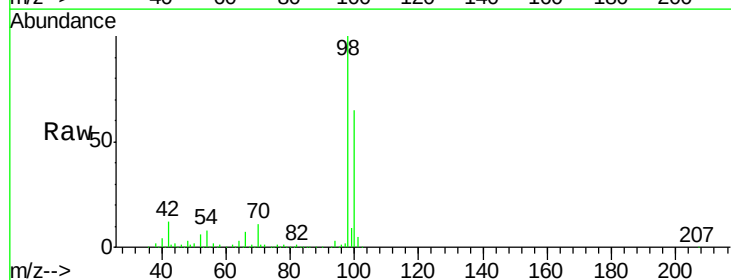
Acq: 21 Jun 2018 21:21

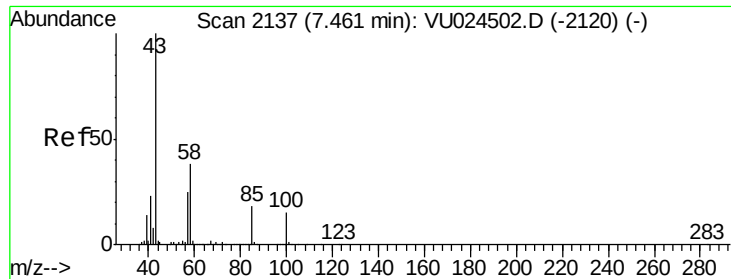
Tgt Ion: 98 Resp: 362916

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7

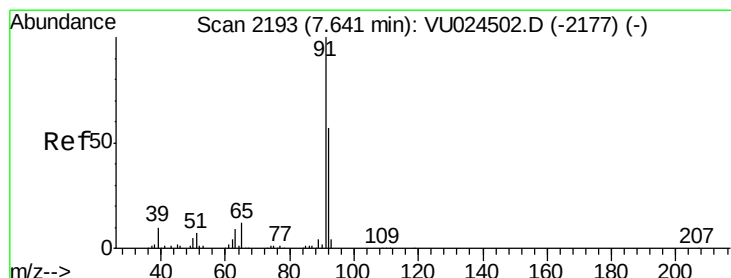
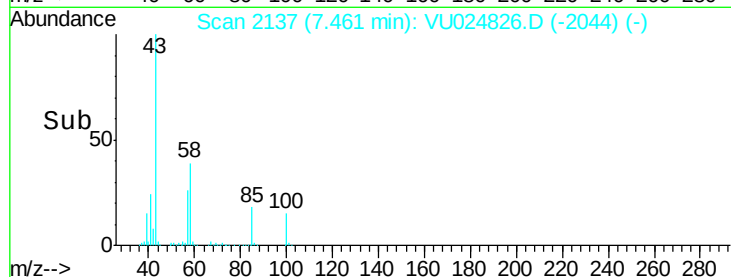
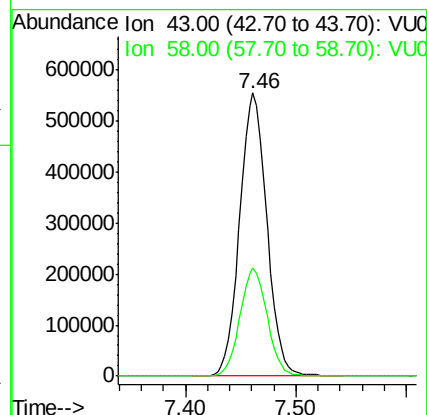
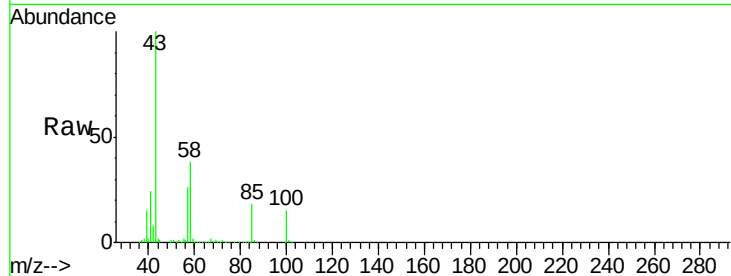




#51
 4-Methyl-2-Pentanone
 Concen: 249.296 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

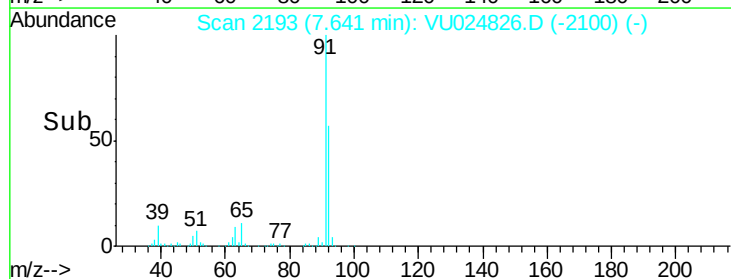
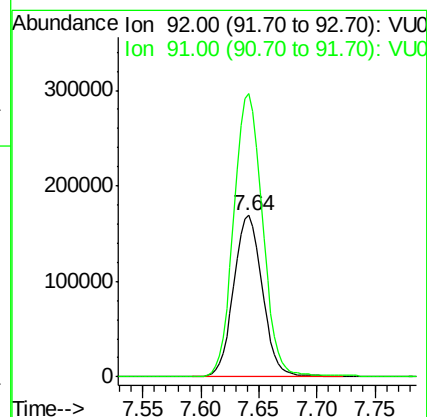
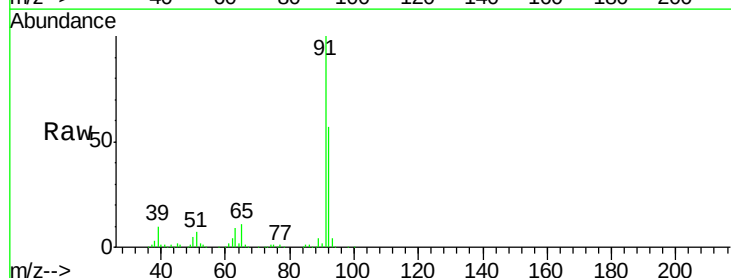
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

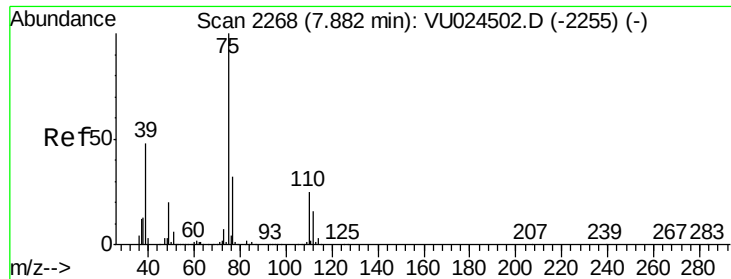
Tot Ion: 43 Resp: 947501
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.0 45.0



#52
 Toluene
 Concen: 49.502 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion: 92 Resp: 291402
 Ion Ratio Lower Upper
 92 100
 91 177.3 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 48.630 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

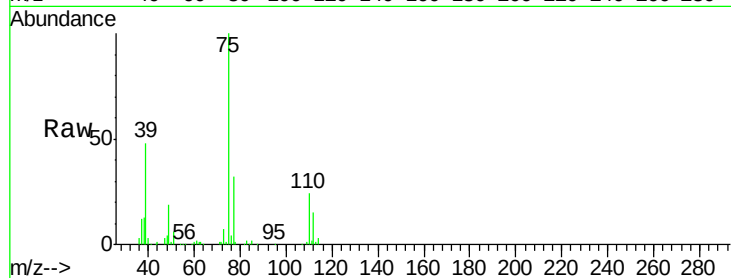
VSTDCCC050EC

Tot Ion: 75 Resp: 186487

Ion Ratio Lower Upper

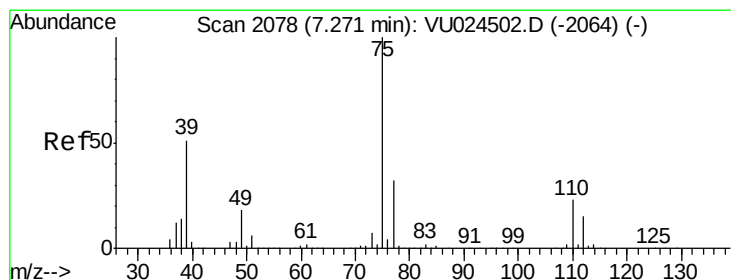
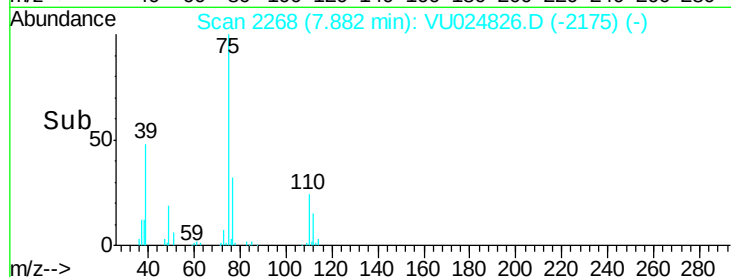
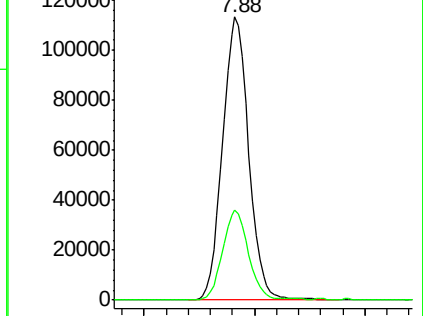
75 100

77 31.8 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: 46.849 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

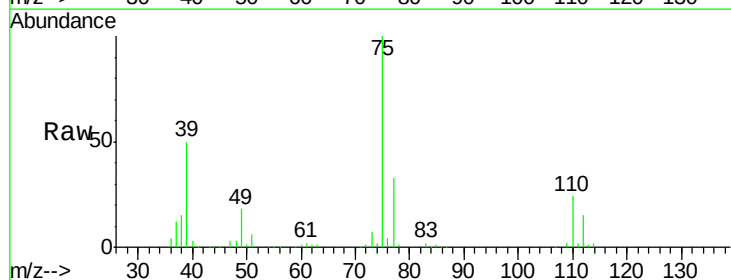
Tgt Ion: 75 Resp: 191438

Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8

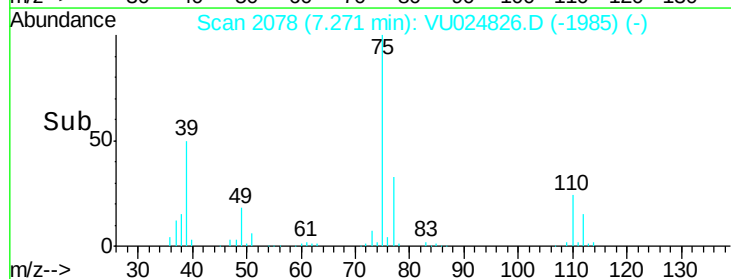
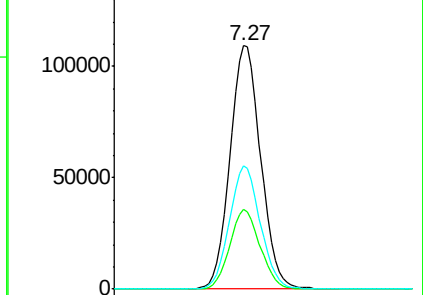
39 50.5 39.8 59.6

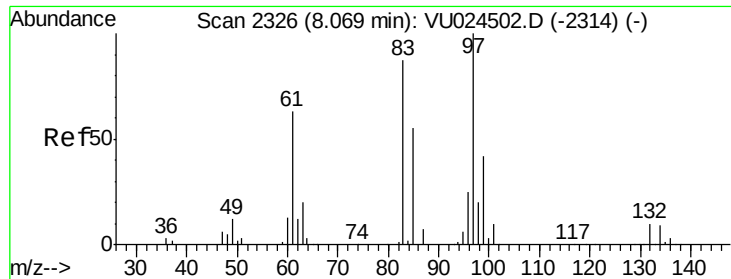


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

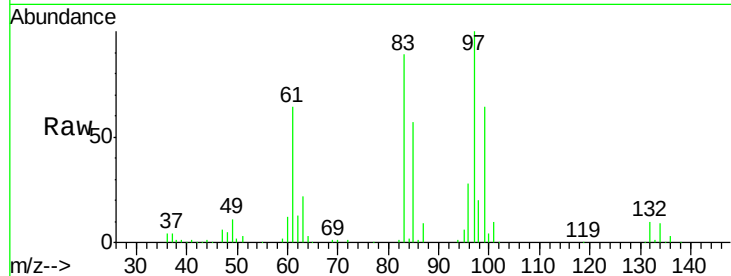




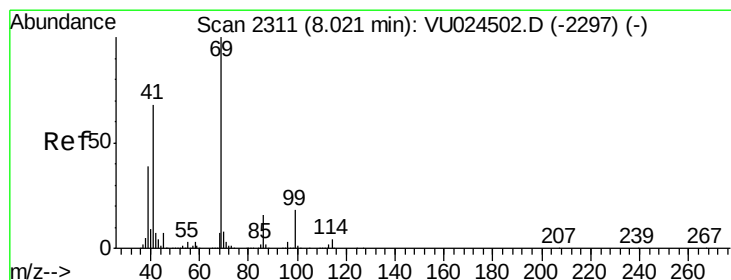
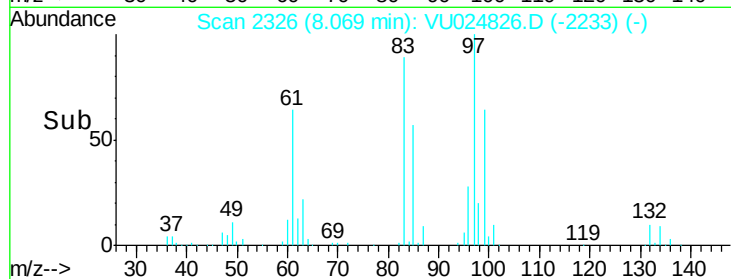
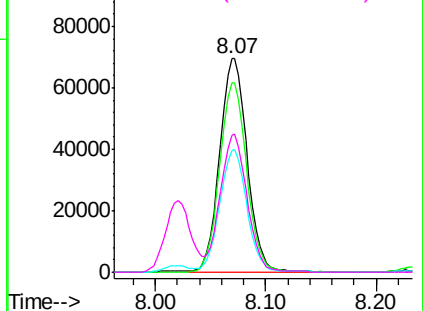
#55
1,1,2-Trichloroethane
Concen: 50.233 ug/l
RT: 8.07 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:	97	Resp:	120201
Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.5	105.7
85	56.8	46.4	69.6
99	64.2	50.2	75.2

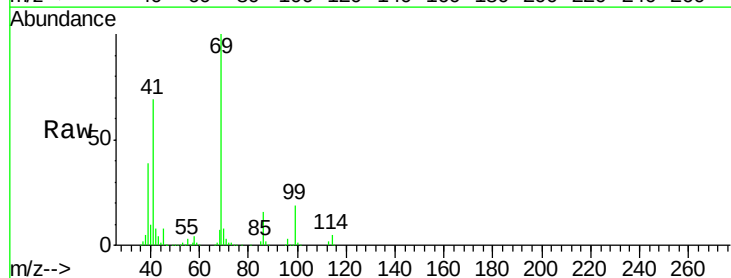


Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 98.90 (98.60 to 99.60): VU0

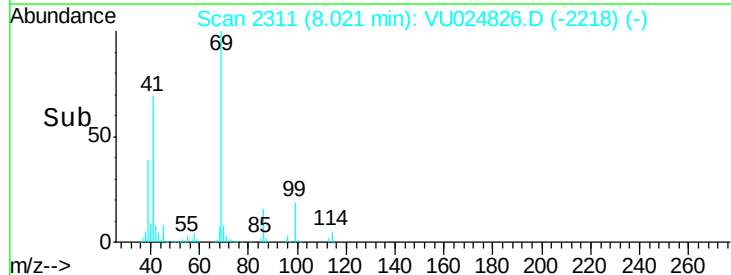
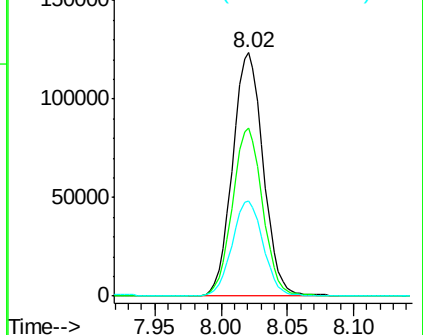


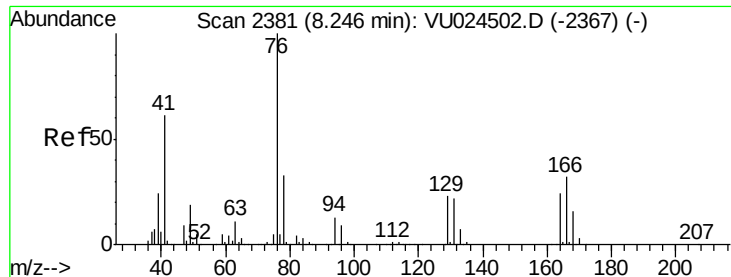
#56
Ethyl methacrylate
Concen: 49.757 ug/l
RT: 8.02 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion:	69	Resp:	199277
Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.1	81.1
39	39.5	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: 50.931 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

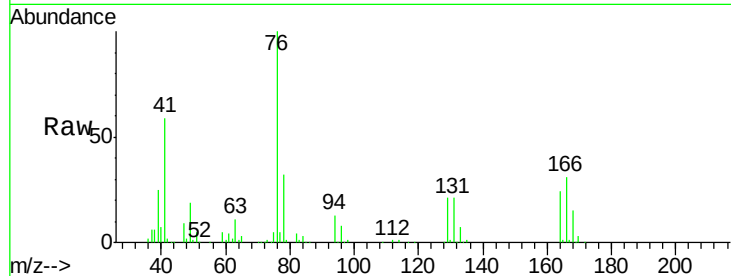
VSTDCCC050EC

Tot Ion: 76 Resp: 205588

Ion Ratio Lower Upper

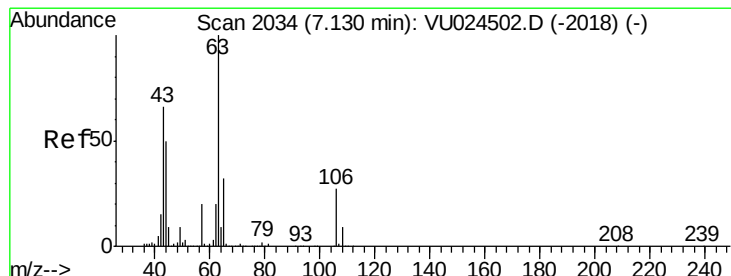
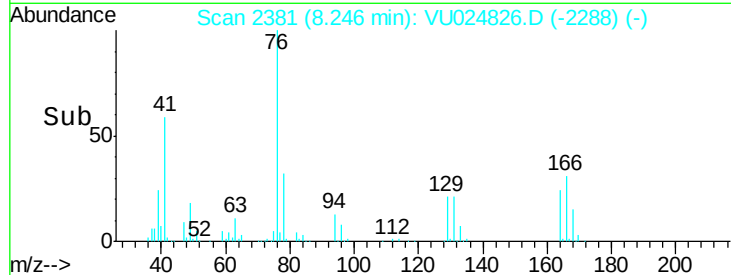
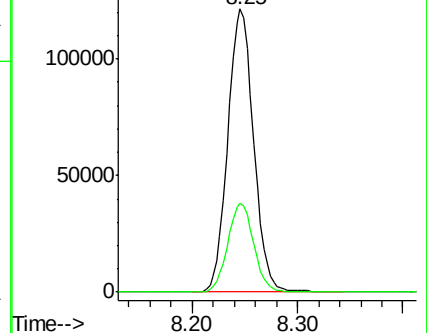
76 100

78 31.5 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 209.993 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU024826.D

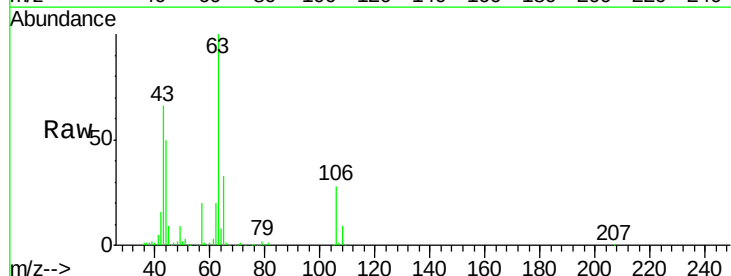
Acq: 21 Jun 2018 21:21

Tgt Ion: 63 Resp: 322204

Ion Ratio Lower Upper

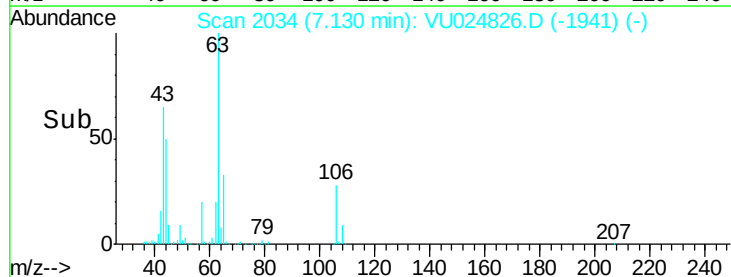
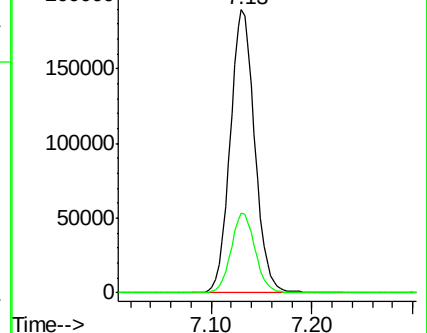
63 100

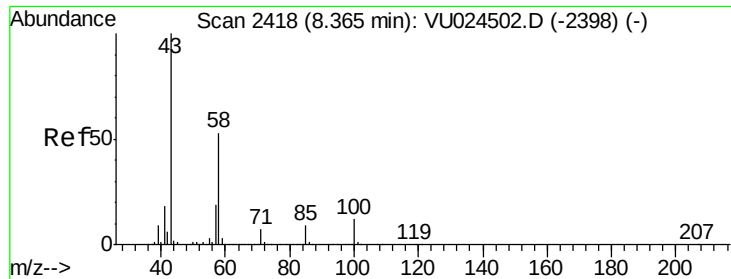
106 27.8 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

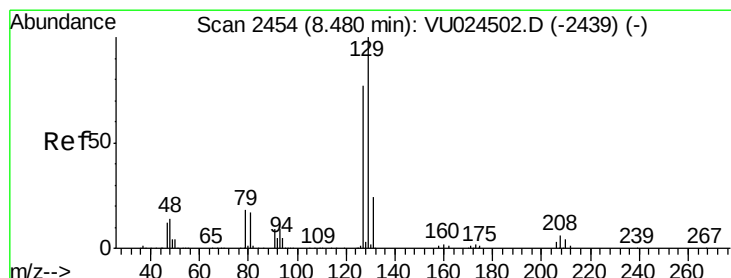
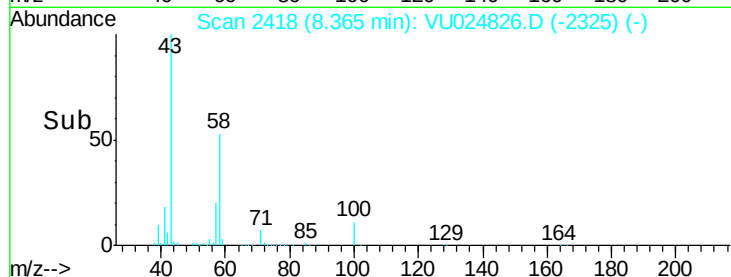
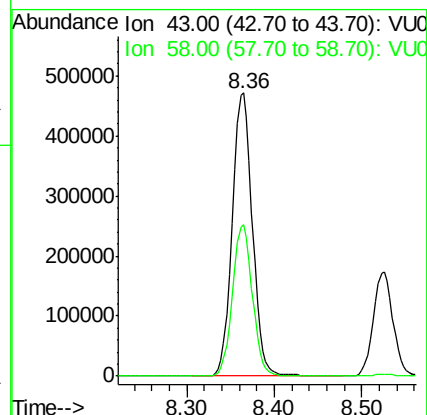
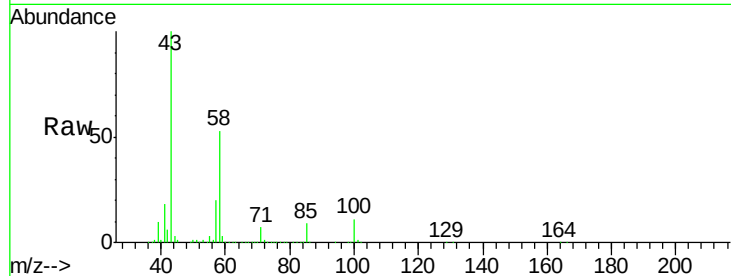




#59
2-Hexanone
Concen: 242.971 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

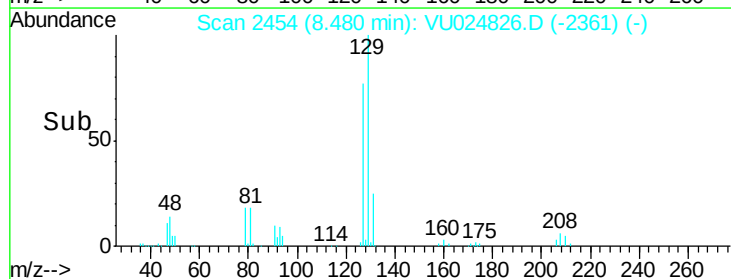
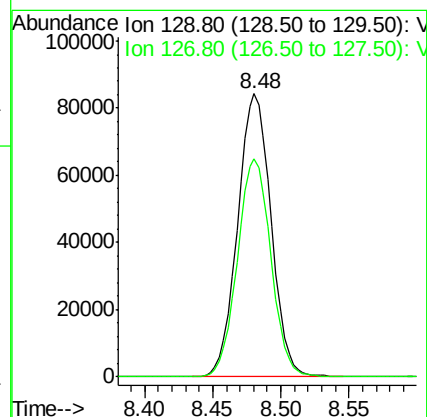
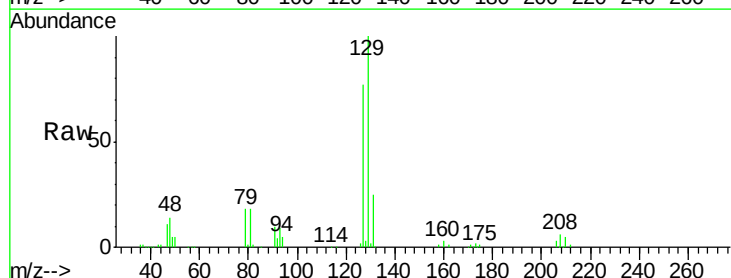
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

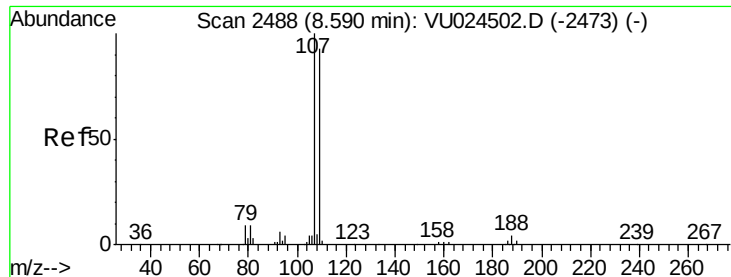
Tot Ion: 43 Resp: 753917
Ion Ratio Lower Upper
43 100
58 53.0 26.4 79.0



#60
Dibromochloromethane
Concen: 48.045 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion: 129 Resp: 143362
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.131 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

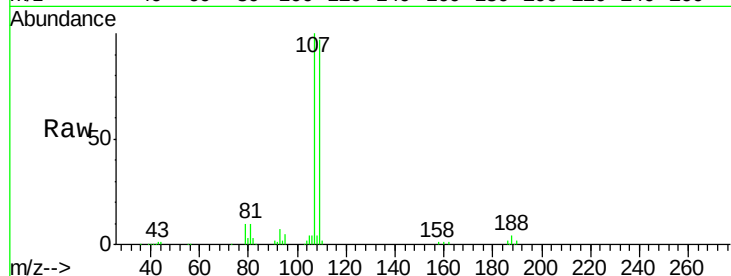
VSTDCCC050EC

Tot Ion:107 Resp: 133515

Ion Ratio Lower Upper

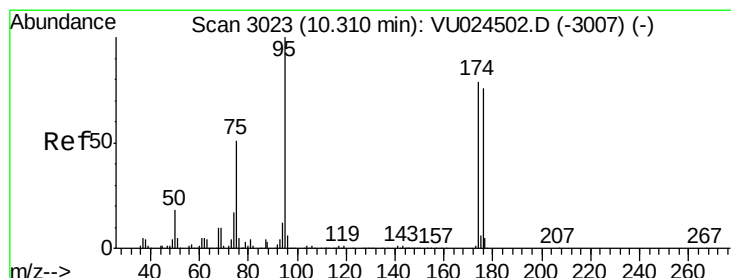
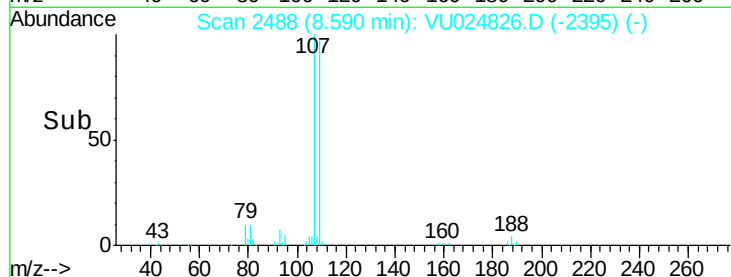
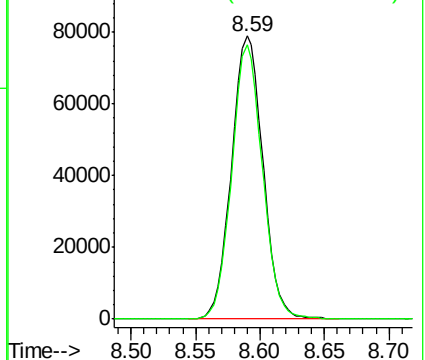
107 100

109 94.9 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: 43.999 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

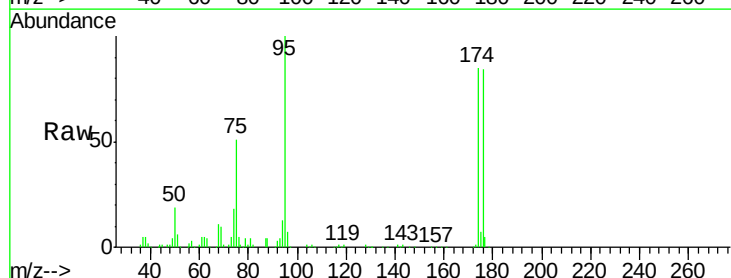
Tgt Ion: 95 Resp: 144513

Ion Ratio Lower Upper

95 100

174 85.1 0.0 165.8

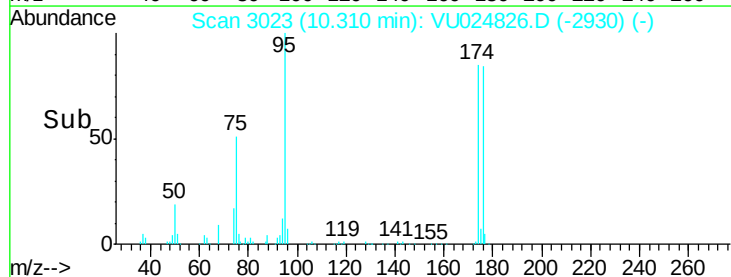
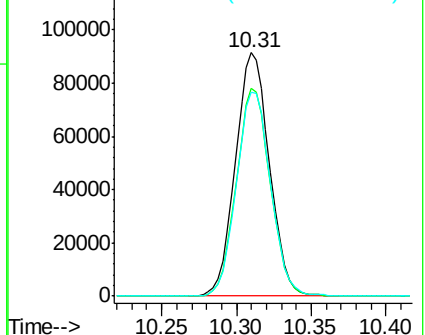
176 84.6 0.0 159.4

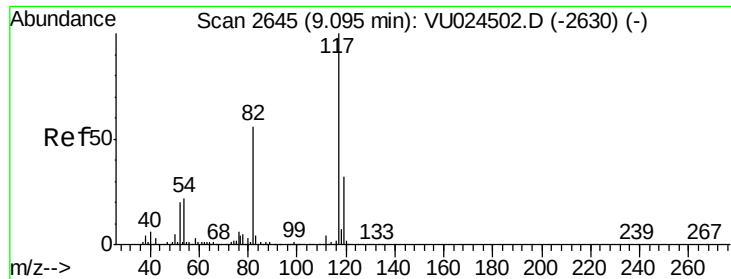


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

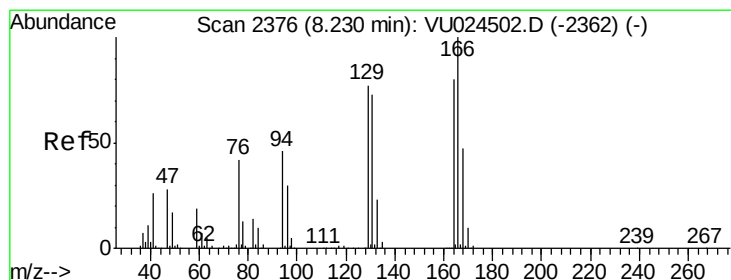
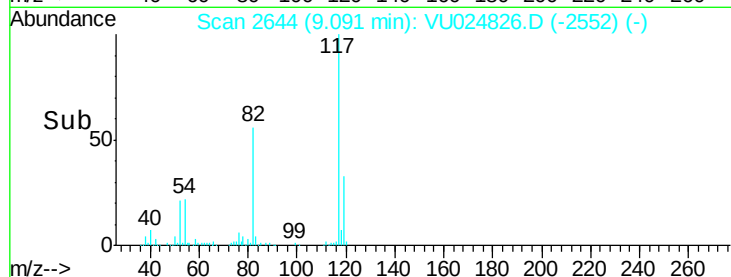
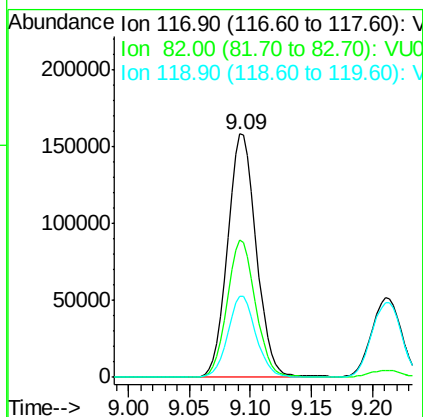
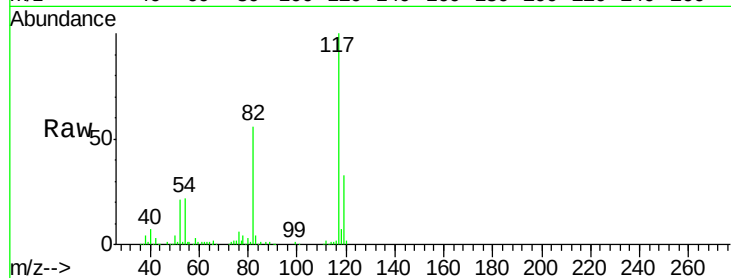




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

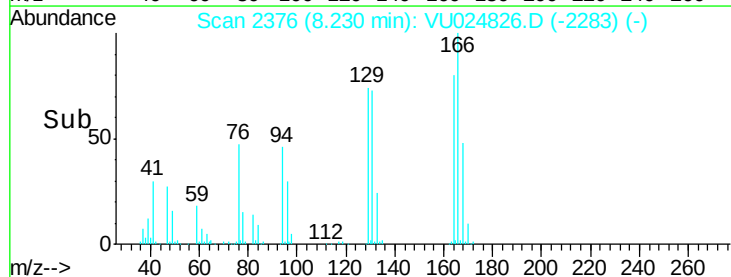
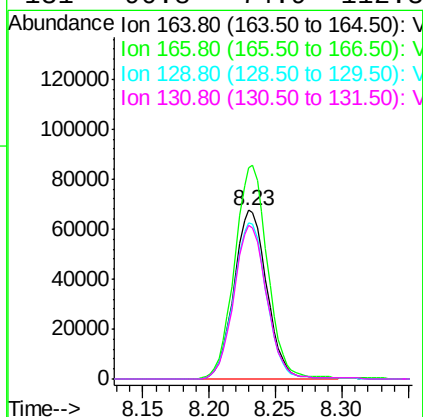
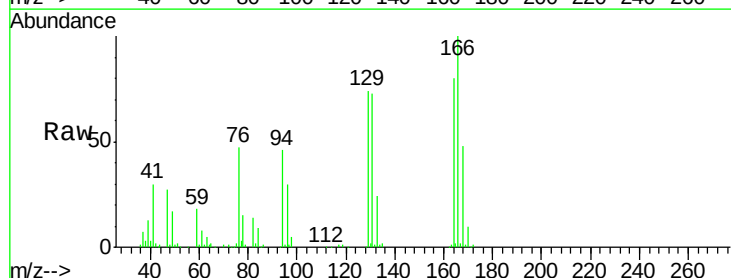
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

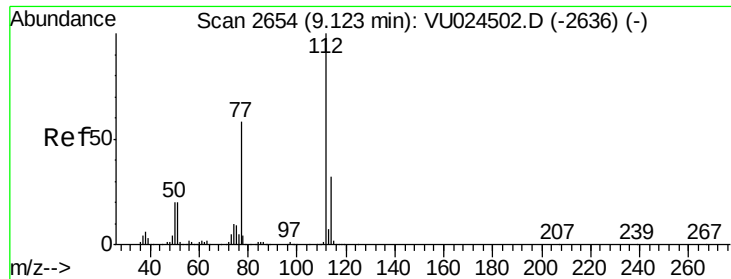
Tot Ion:117 Resp: 260520
Ion Ratio Lower Upper
117 100
82 56.4 44.3 66.5
119 33.3 25.4 38.2



#64
Tetrachloroethene
Concen: 47.142 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion:164 Resp: 116741
Ion Ratio Lower Upper
164 100
166 125.0 101.7 152.5
129 92.8 76.9 115.3
131 90.8 74.9 112.3

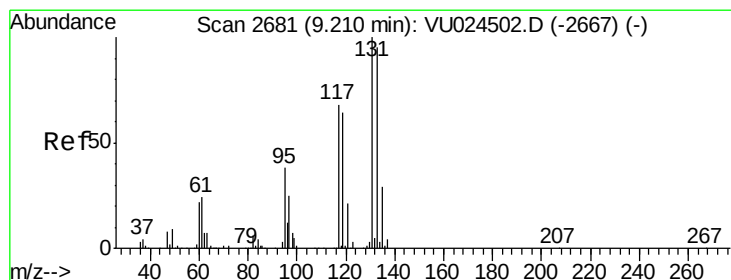
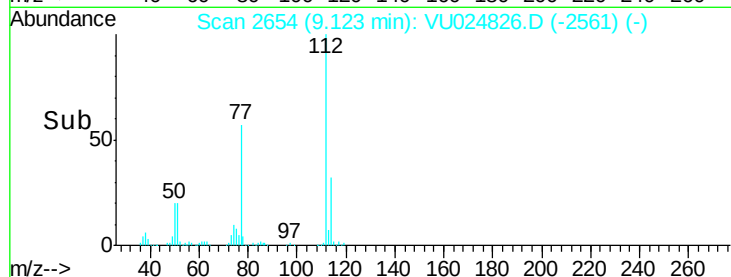
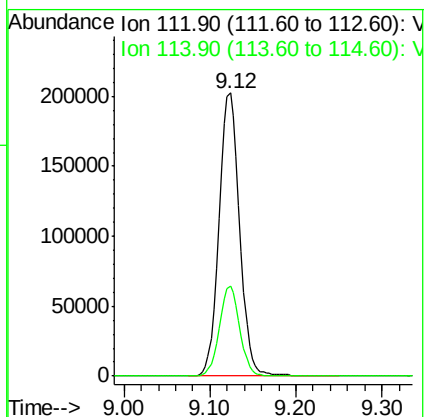
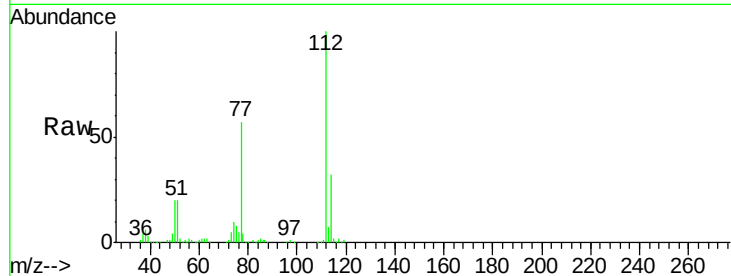




#65
Chlorobenzene
Concen: 50.544 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

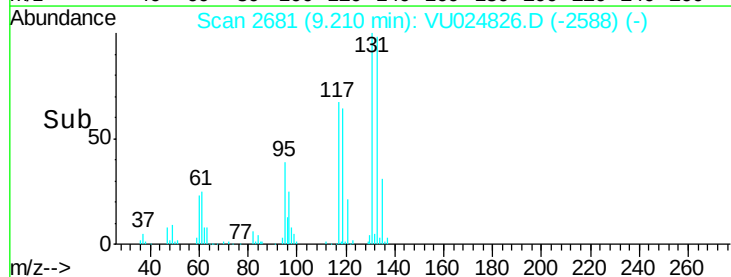
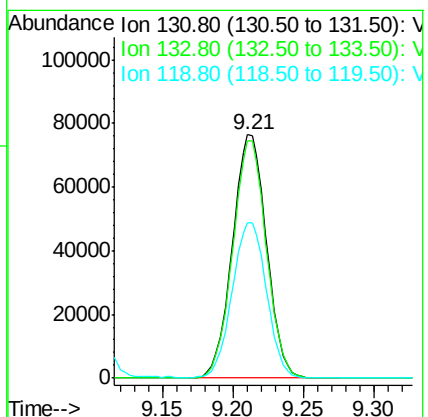
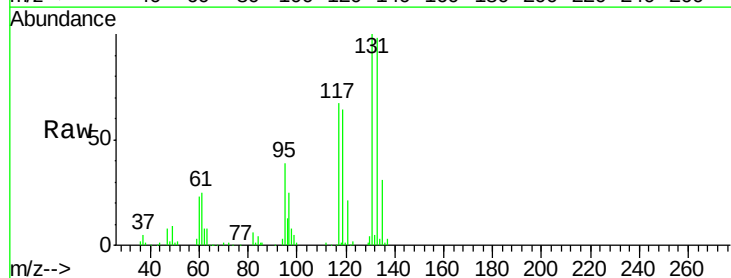
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

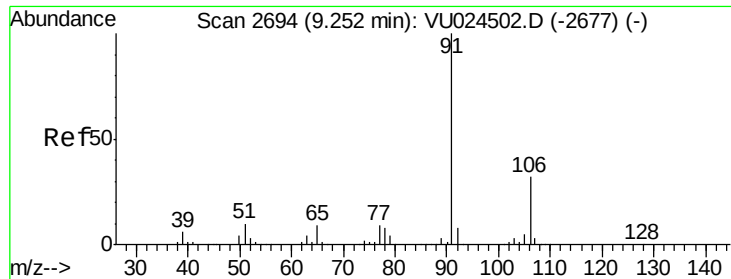
Tot Ion:112 Resp: 336390
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.118 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion:131 Resp: 129252
Ion Ratio Lower Upper
131 100
133 96.5 46.9 140.8
119 64.6 33.5 100.4

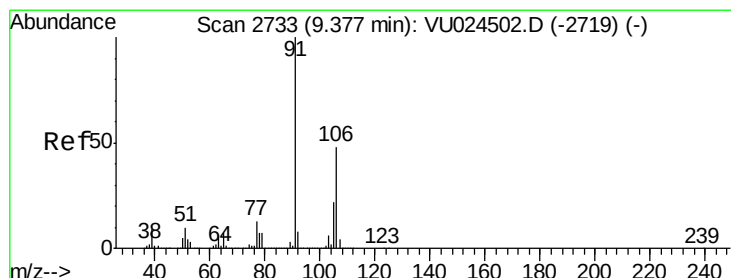
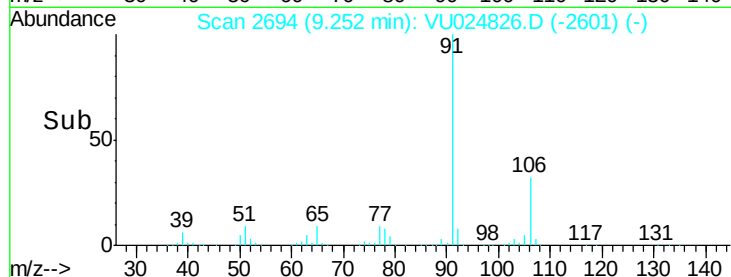
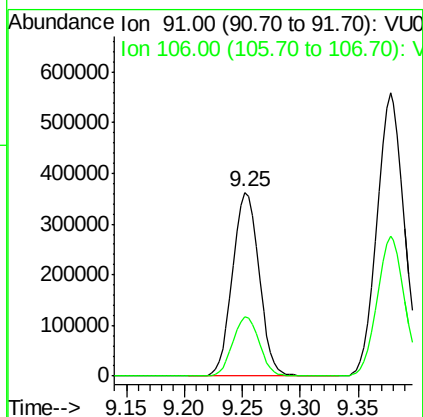
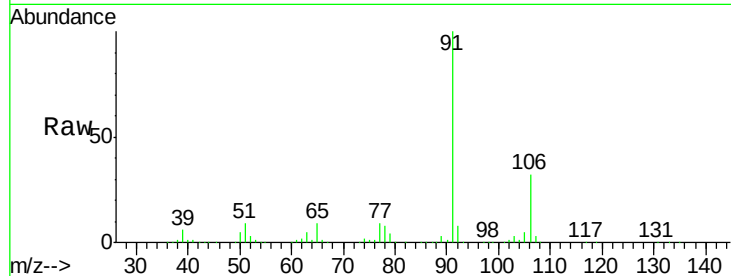




#67
Ethyl Benzene
Concen: 49.567 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

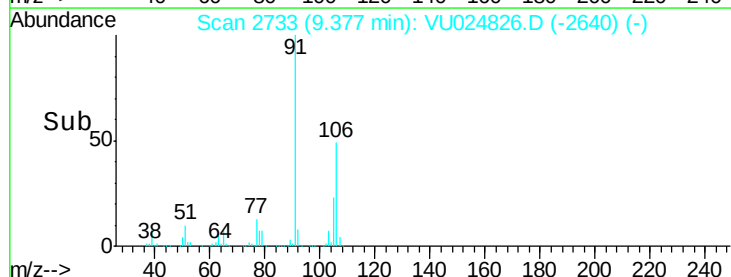
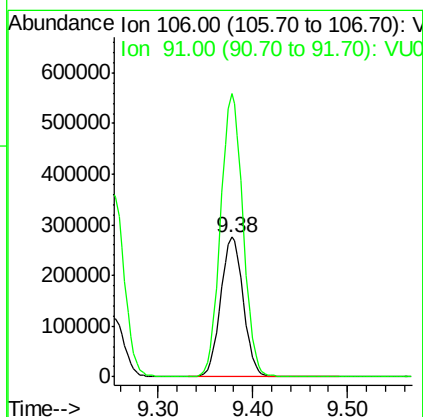
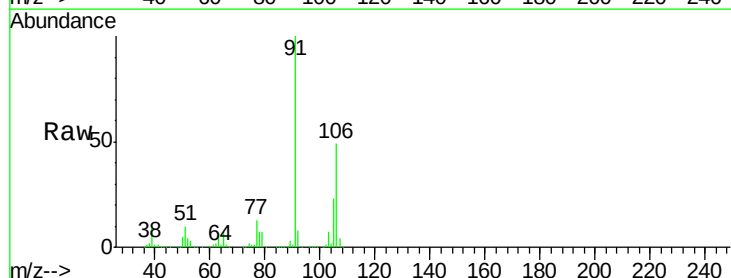
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

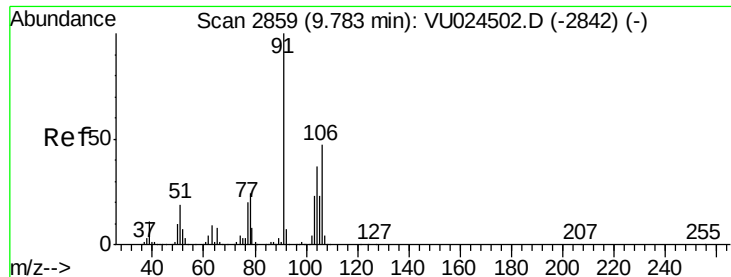
Tot Ion: 91 Resp: 578316
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.4



#68
m/p-Xylenes
Concen: 102.109 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion: 106 Resp: 457473
Ion Ratio Lower Upper
106 100
91 201.2 166.5 249.7

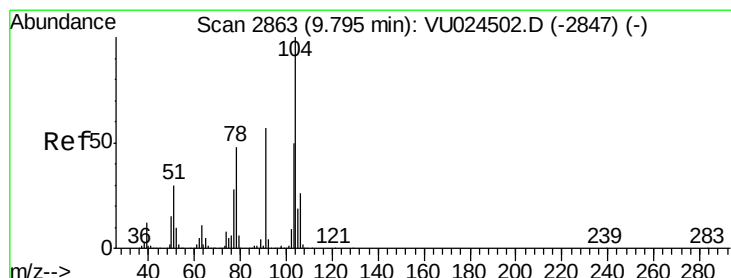
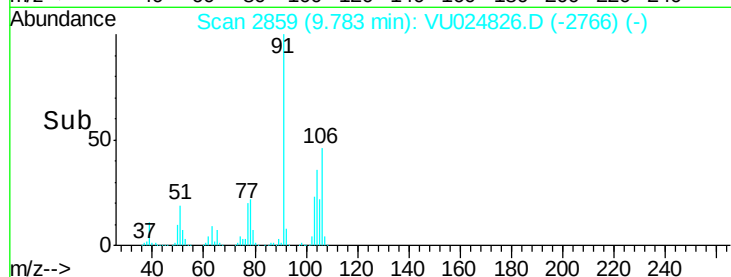
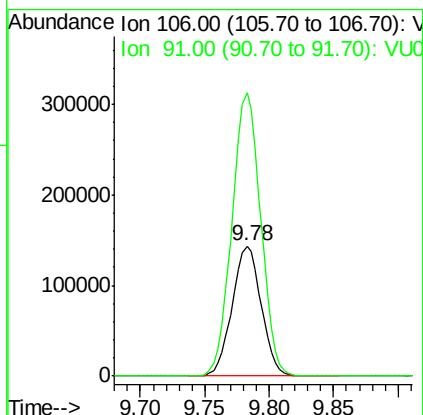
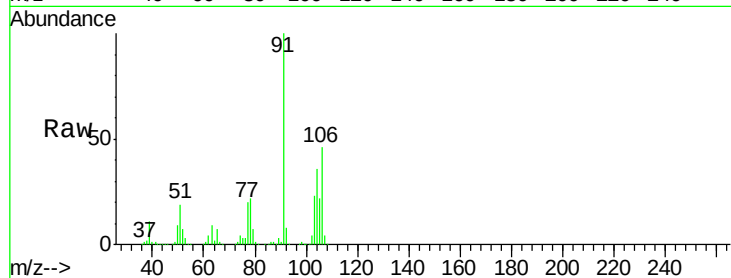




#69
o-Xylene
Concen: 50.799 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

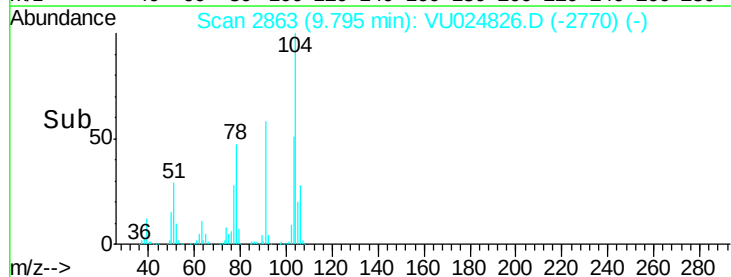
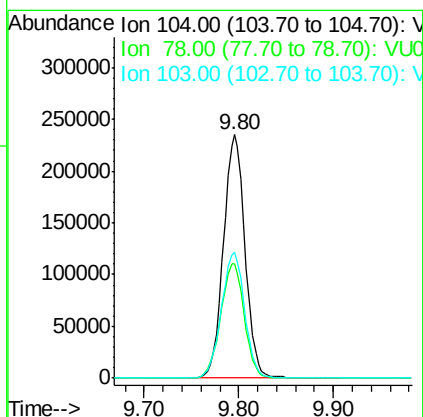
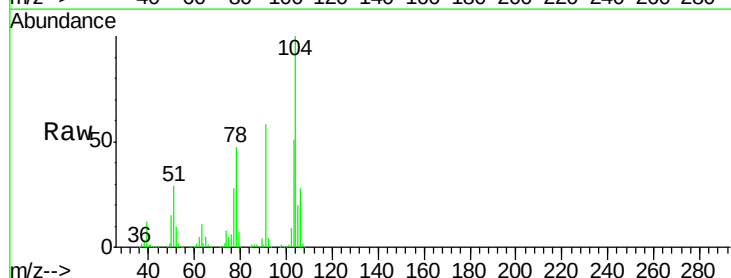
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

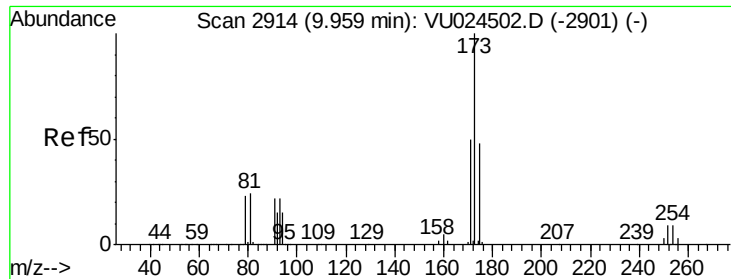
Tot Ion:106 Resp: 225238
Ion Ratio Lower Upper
106 100
91 215.8 110.7 331.9



#70
Styrene
Concen: 51.084 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion:104 Resp: 372220
Ion Ratio Lower Upper
104 100
78 51.4 40.6 60.8
103 55.9 44.7 67.1





#71

Bromoform

Concen: 47.878 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

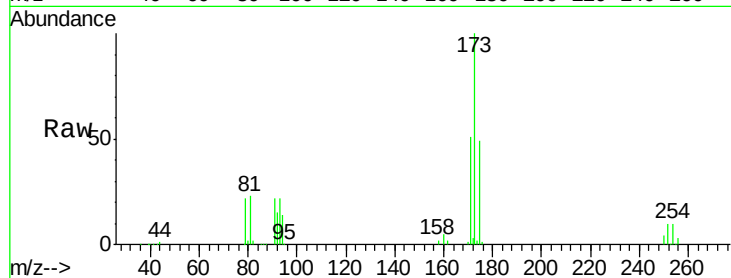
Tot Ion:173 Resp: 115067

Ion Ratio Lower Upper

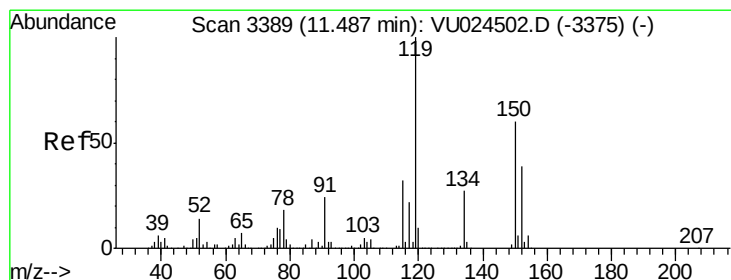
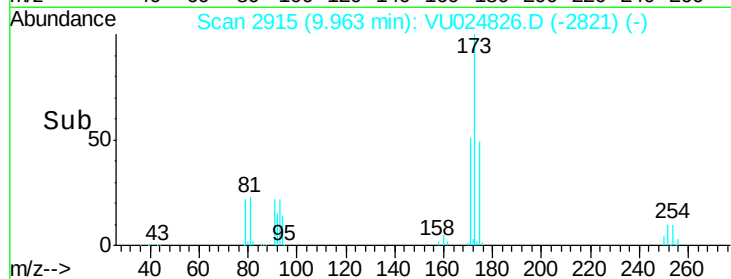
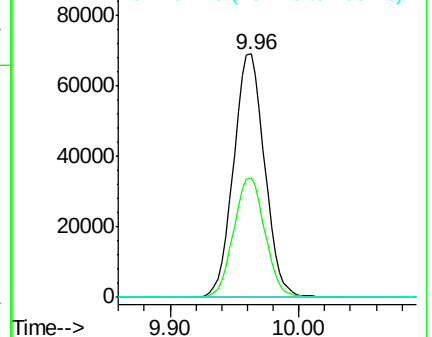
173 100

175 49.2 24.6 74.0

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

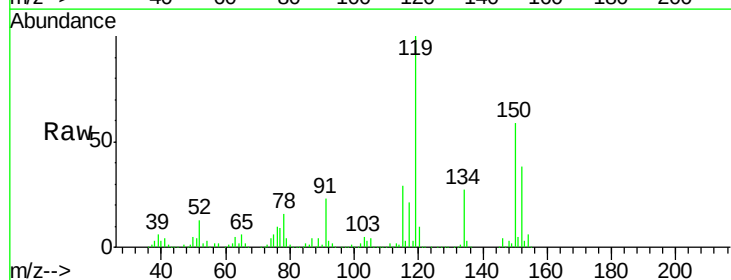
Tgt Ion:152 Resp: 159136

Ion Ratio Lower Upper

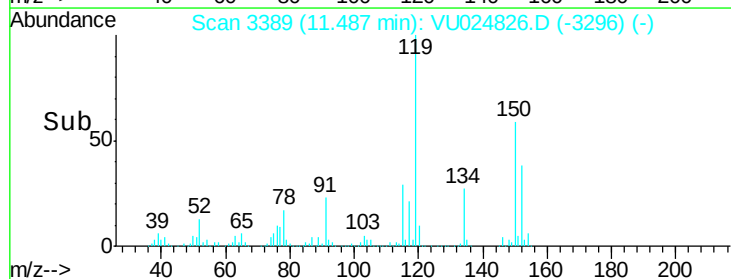
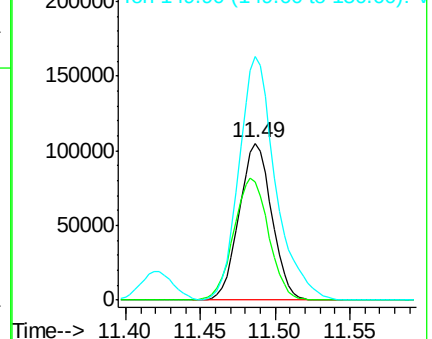
152 100

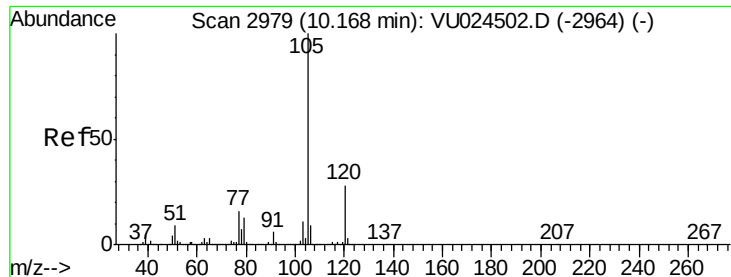
115 83.3 43.0 129.0

150 173.9 0.0 354.0



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





#73

Isopropylbenzene

Concen: 49.947 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

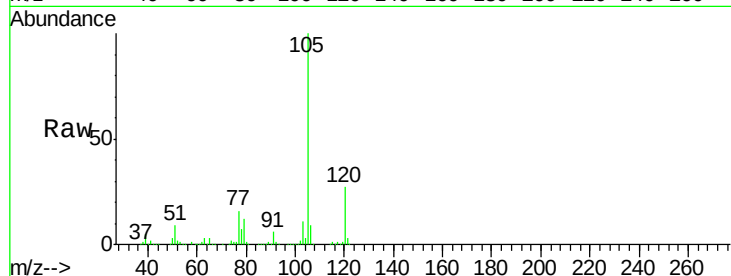
VSTDCCC050EC

Tot Ion:105 Resp: 610243

Ion Ratio Lower Upper

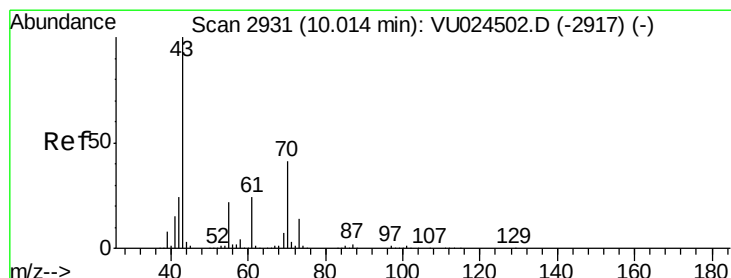
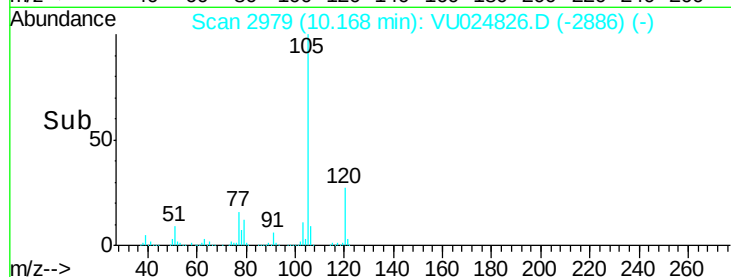
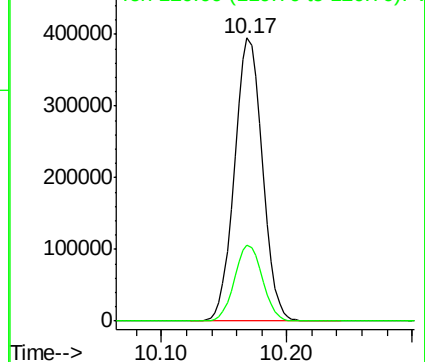
105 100

120 26.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.133 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Tgt Ion: 43 Resp: 273910

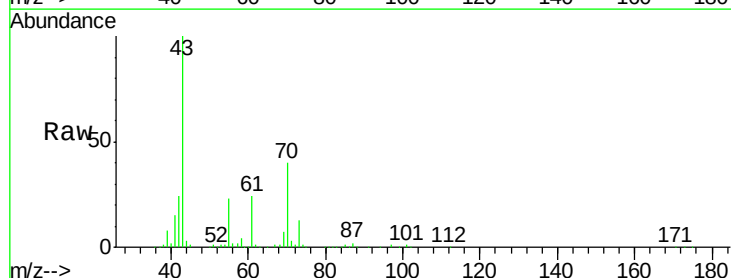
Ion Ratio Lower Upper

43 100

70 40.7 32.2 48.4

55 22.9 20.5 30.7

61 23.7 18.7 28.1

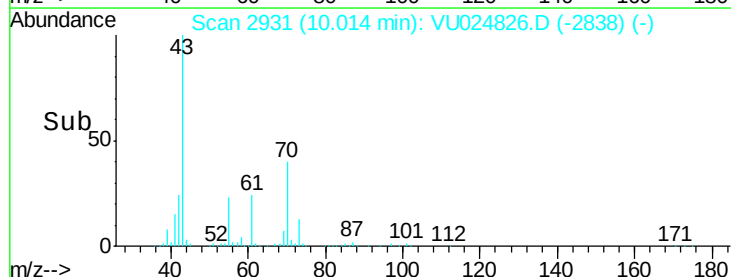
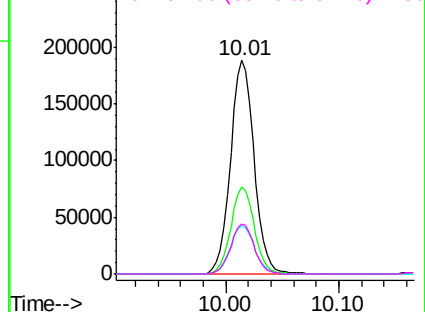


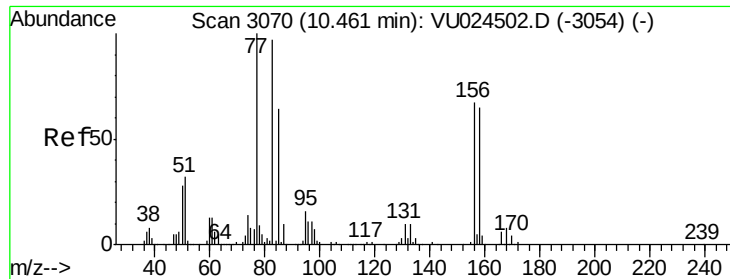
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.336 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

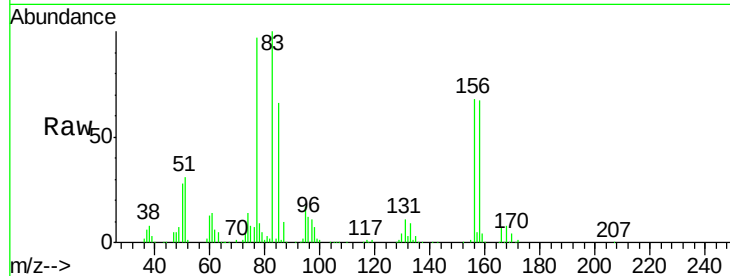
Tot Ion: 83 Resp: 206086

Ion Ratio Lower Upper

83 100

131 10.8 4.7 14.1

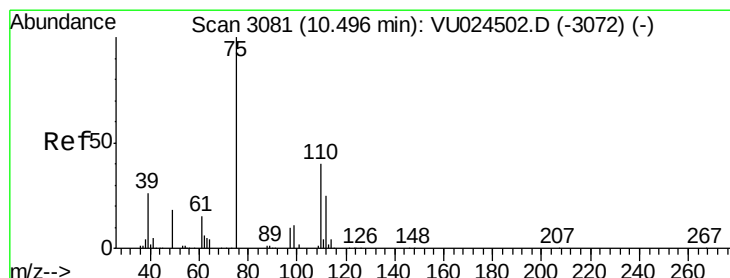
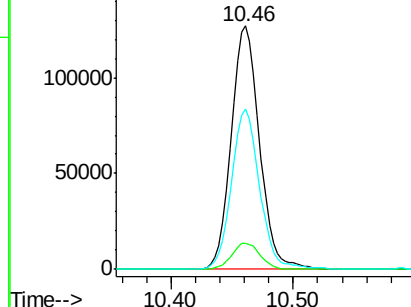
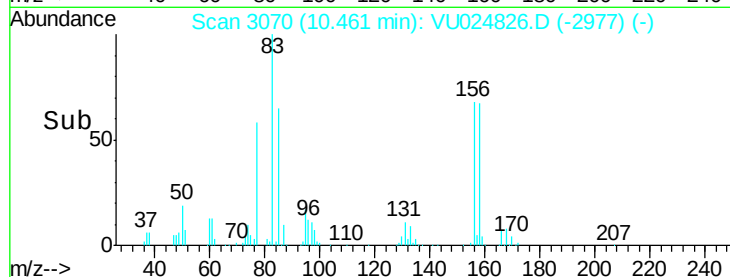
85 65.4 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024826.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024826.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024826.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 68.822 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024826.D

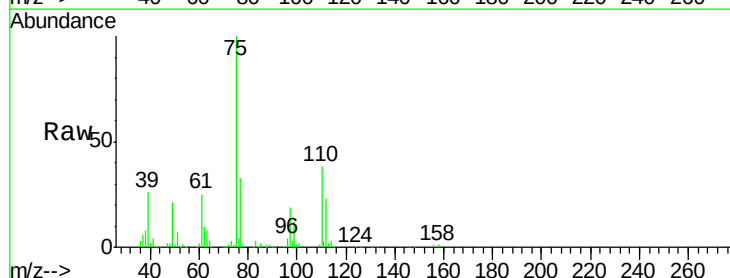
Acq: 21 Jun 2018 21:21

Tgt Ion: 75 Resp: 241126

Ion Ratio Lower Upper

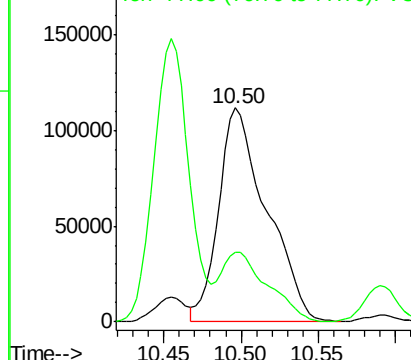
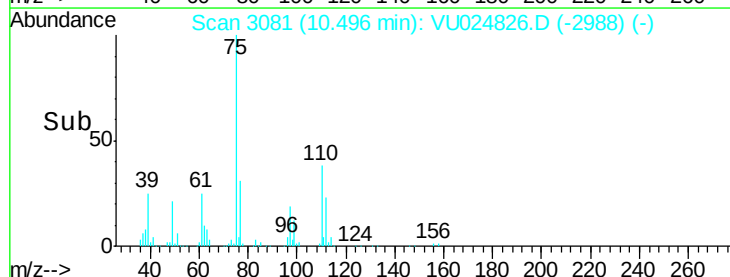
75 100

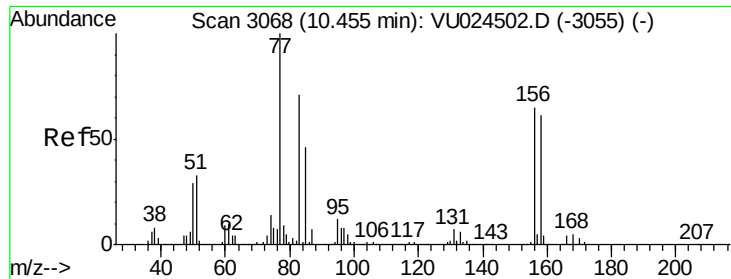
77 32.0 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024826.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024826.D (-2988) (-)





#77

Bromobenzene

Concen: 49.541 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

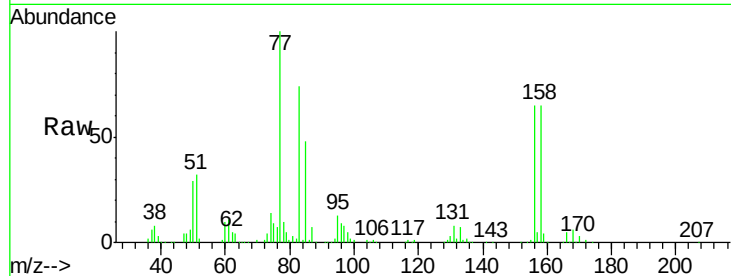
Tot Ion:156 Resp: 153235

Ion Ratio Lower Upper

156 100

77 152.8 80.5 241.3

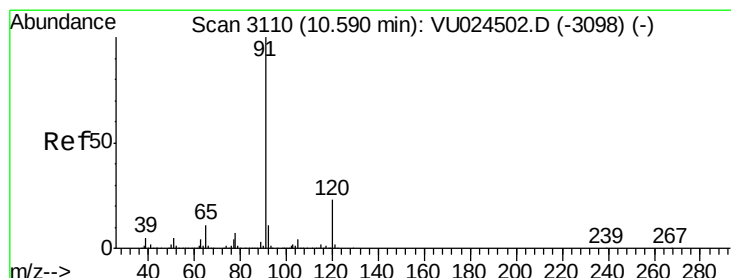
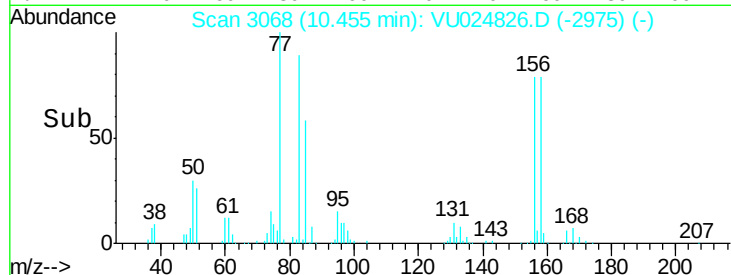
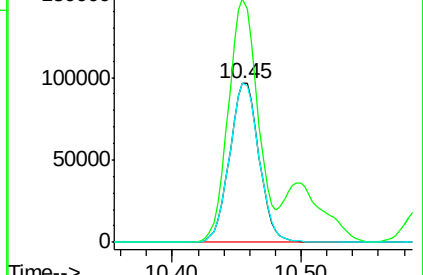
158 99.9 48.2 144.6



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: 48.015 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024826.D

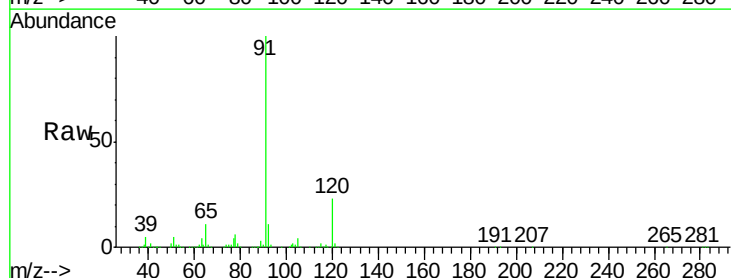
Acq: 21 Jun 2018 21:21

Tgt Ion: 91 Resp: 691059

Ion Ratio Lower Upper

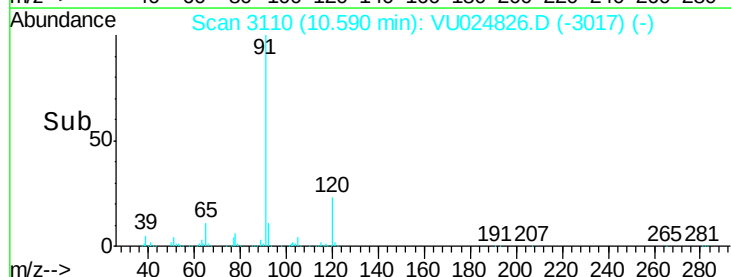
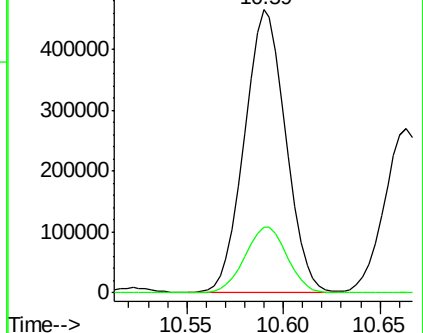
91 100

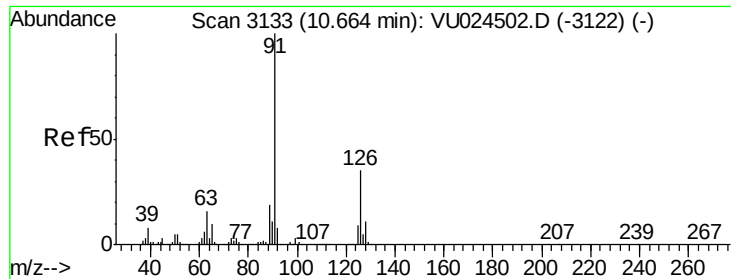
120 23.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.770 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

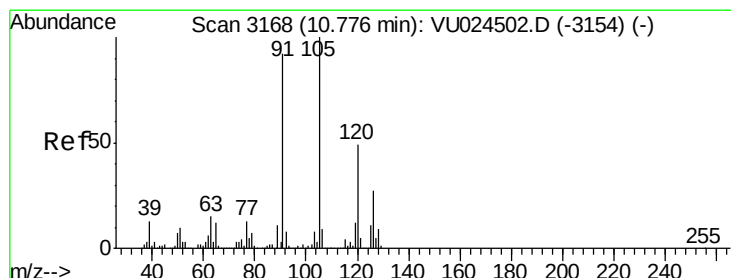
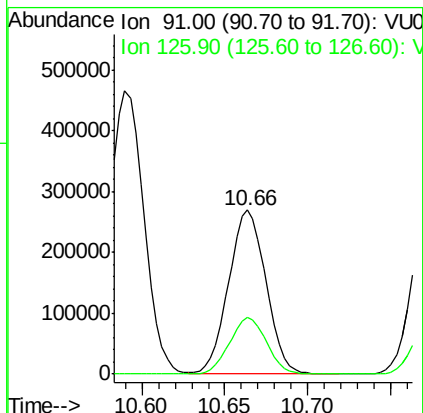
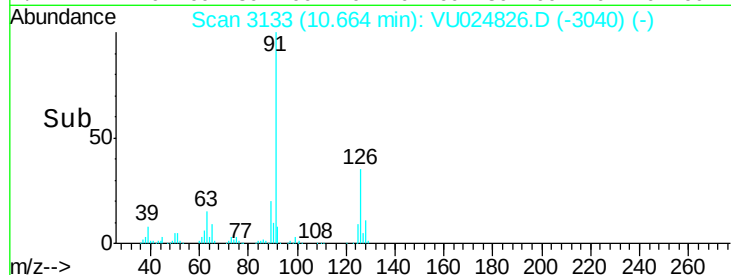
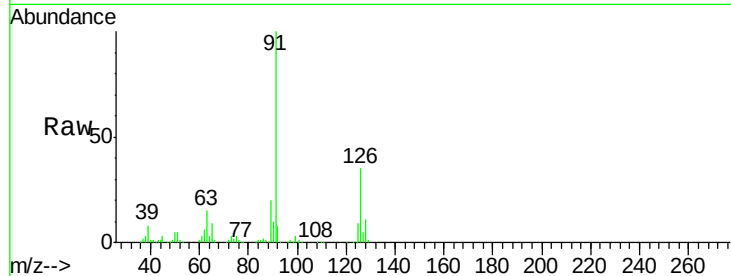
VSTDCCC050EC

Tot Ion: 91 Resp: 422423

Ion Ratio Lower Upper

91 100

126 34.4 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 49.873 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024826.D

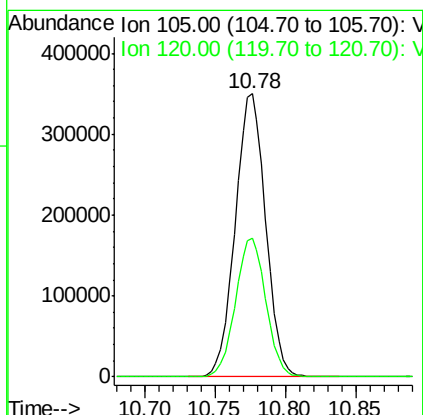
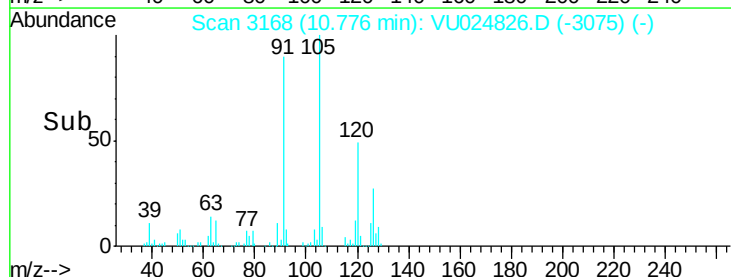
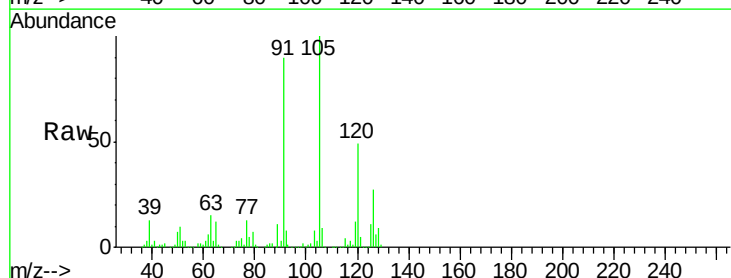
Acq: 21 Jun 2018 21:21

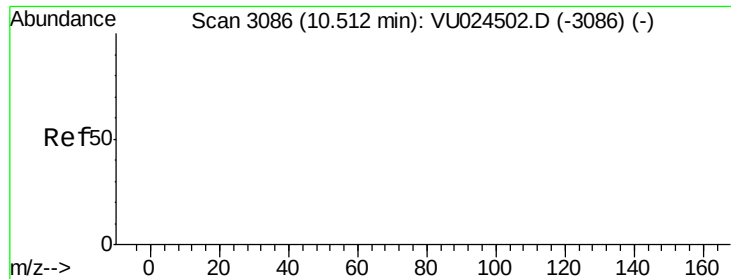
Tgt Ion: 105 Resp: 528143

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2

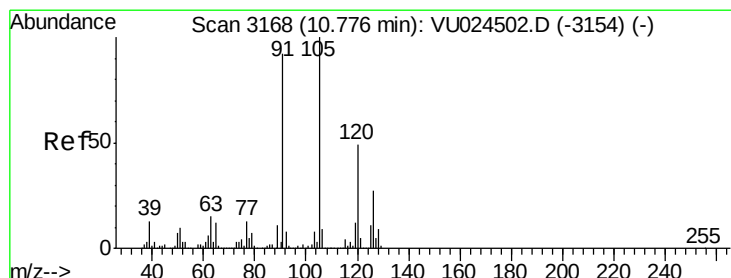
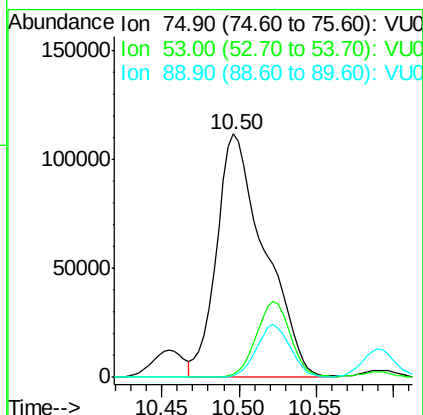
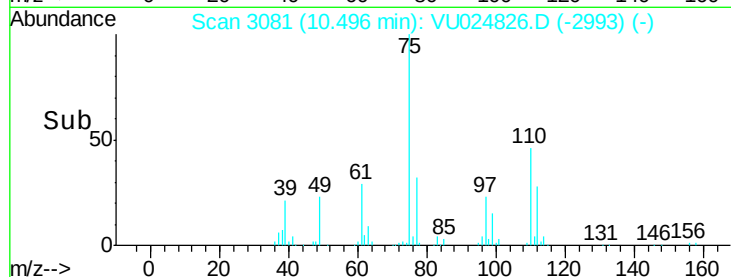
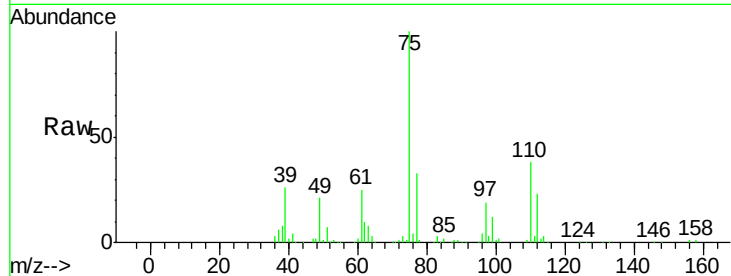




#81
trans-1,4-Dichloro-2-butene
Concen: 159.284 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

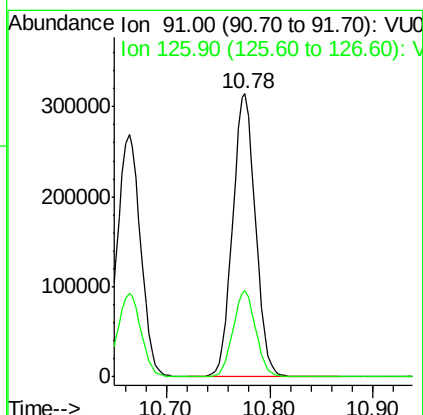
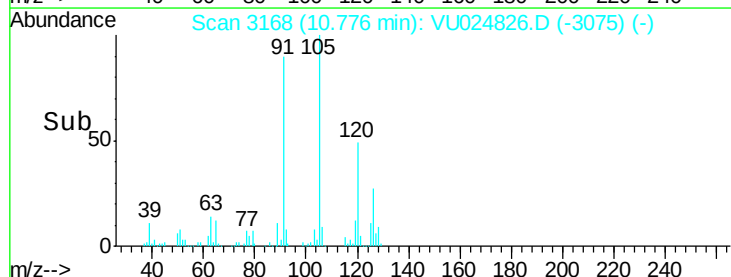
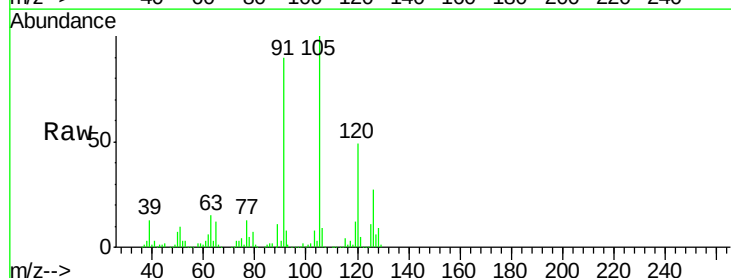
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

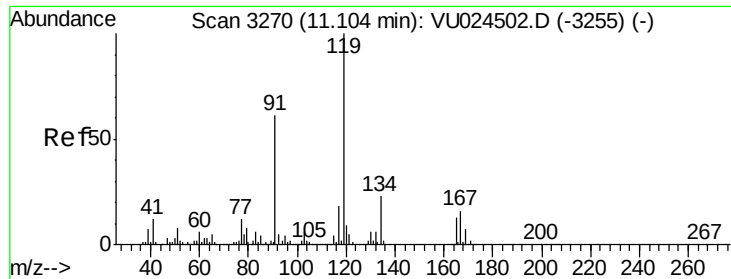
Tot Ion: 75 Resp: 241126
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 49.214 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion: 91 Resp: 486167
Ion Ratio Lower Upper
91 100
126 30.3 14.9 44.9

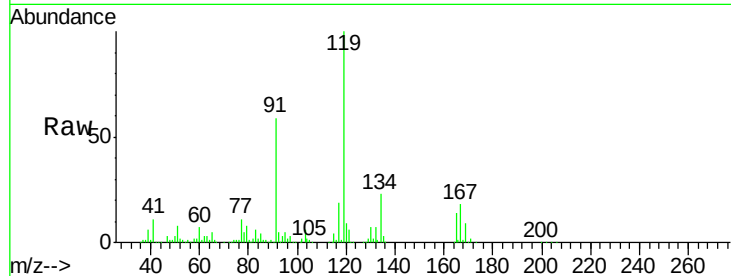




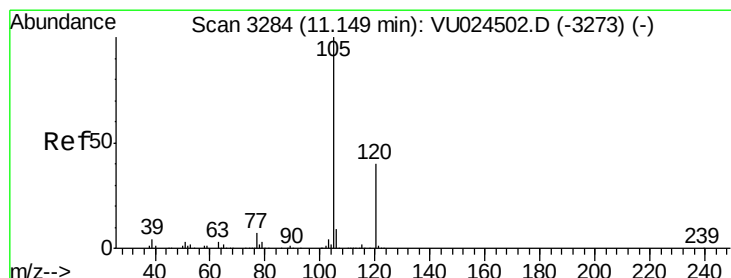
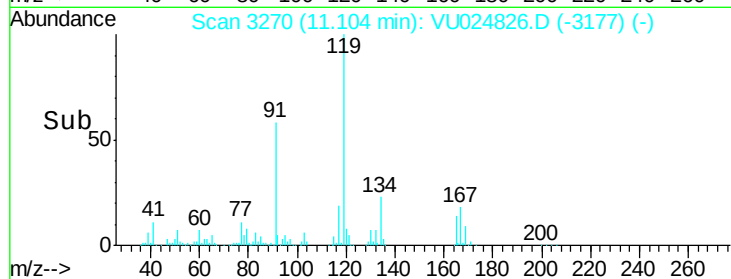
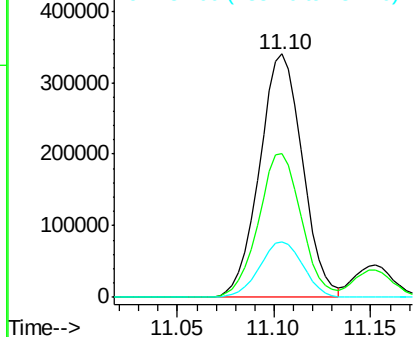
#83
 tert-Butylbenzene
 Concen: 51.520 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 524810
 Ion Ratio Lower Upper
 119 100
 91 59.0 29.7 89.1
 134 23.1 11.6 34.7

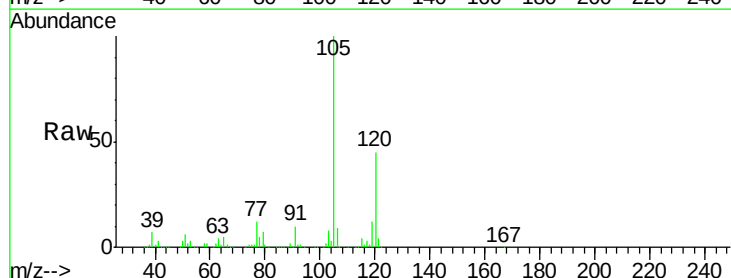


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

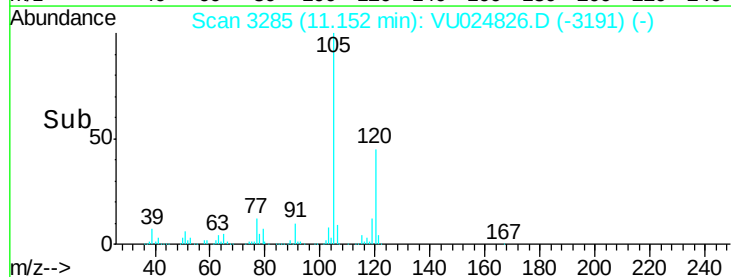
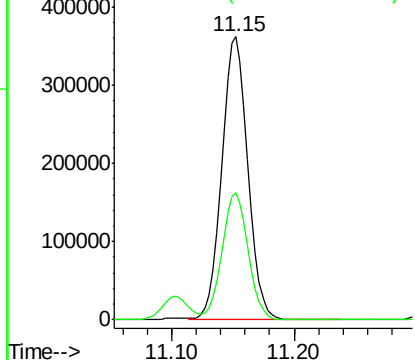


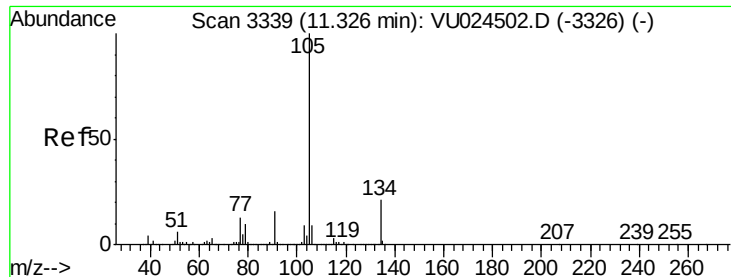
#84
 1,2,4-Trimethylbenzene
 Concen: 50.124 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion:105 Resp: 540935
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.8



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





#85

sec-Butylbenzene

Concen: 49.363 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

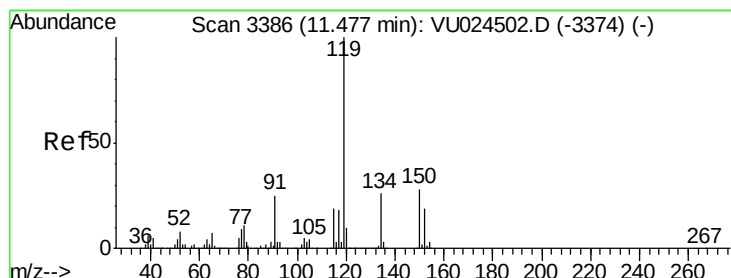
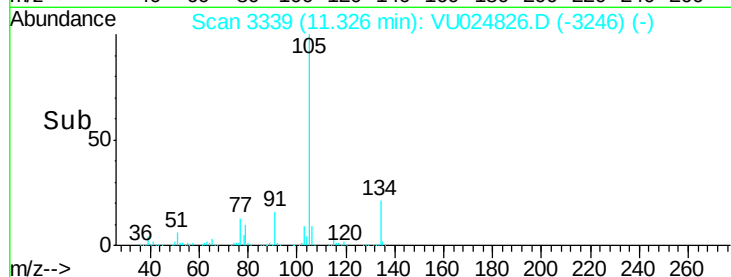
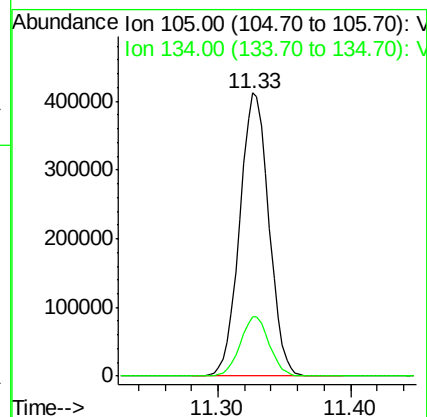
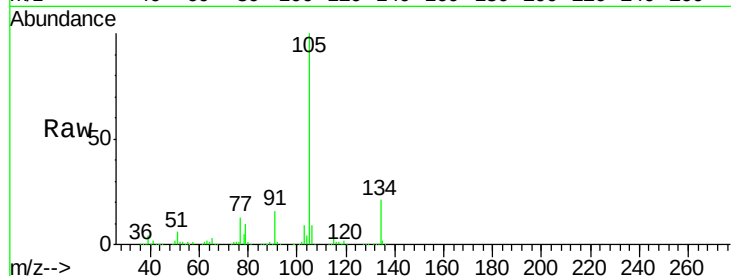
VSTDCCC050EC

Tot Ion:105 Resp: 629420

Ion Ratio Lower Upper

105 100

134 20.7 9.7 29.1



#86

p-Isopropyltoluene

Concen: 49.338 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

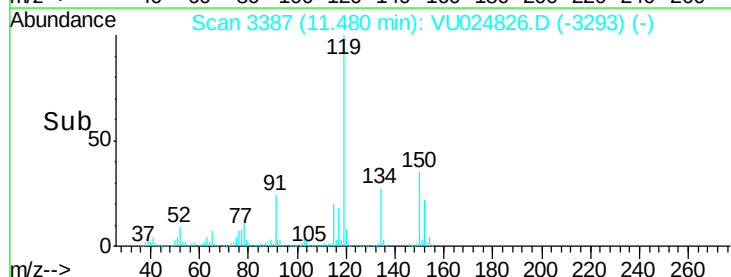
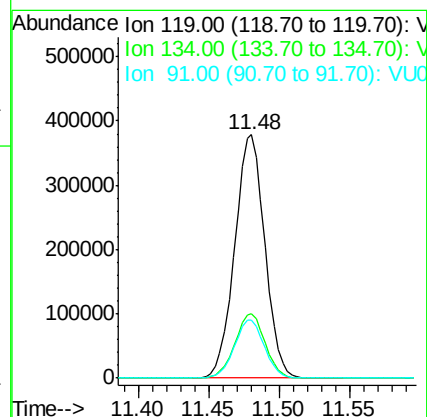
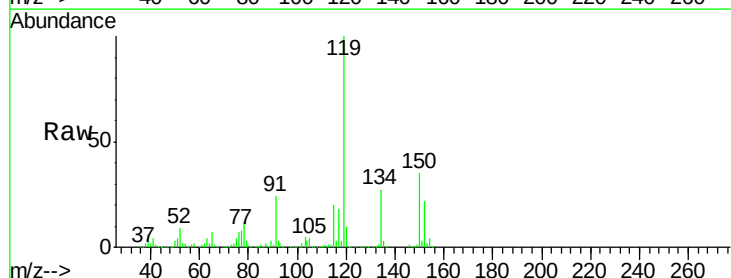
Tgt Ion:119 Resp: 563428

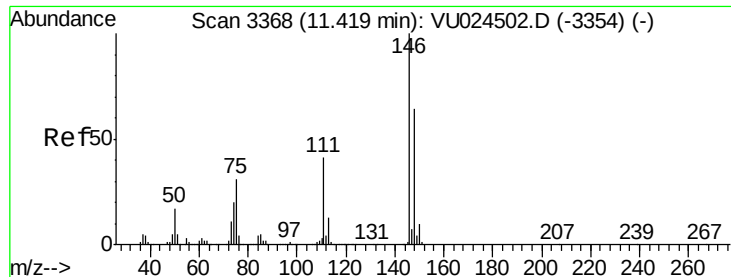
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 24.0 12.0 36.1

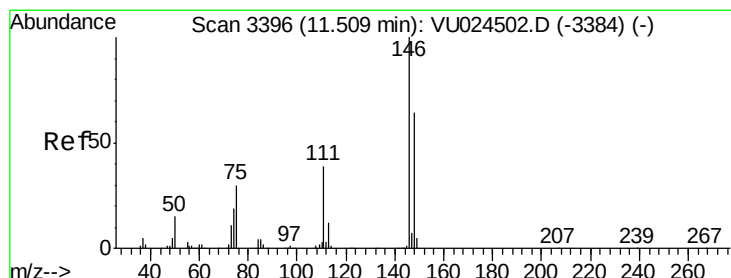
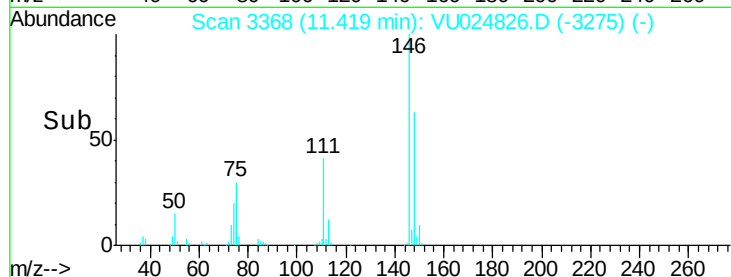
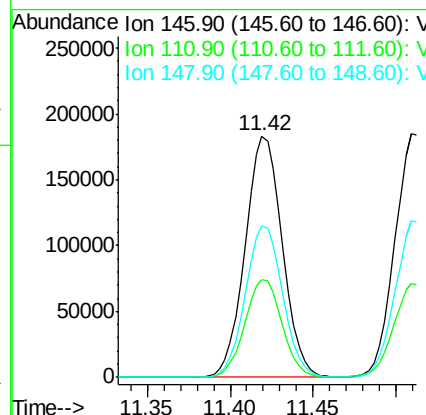
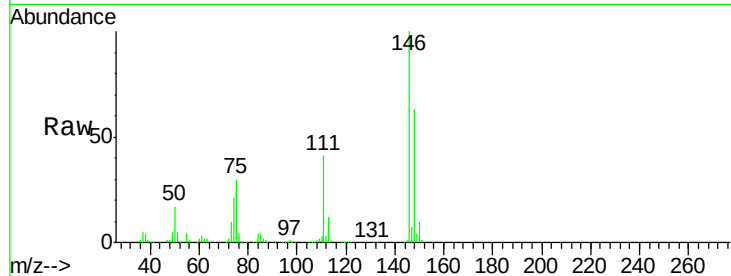




#87
 1,3-Dichlorobenzene
 Concen: 49.881 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

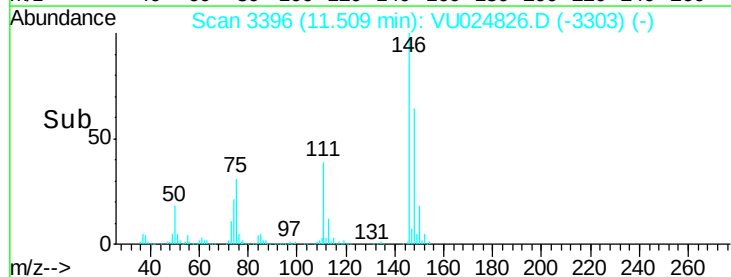
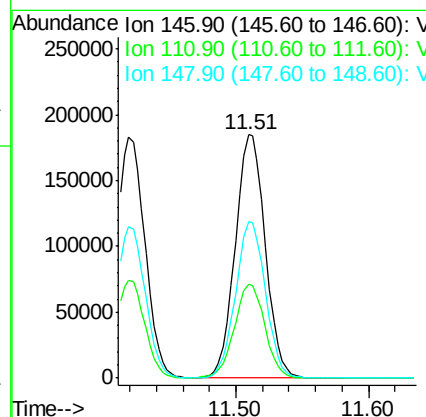
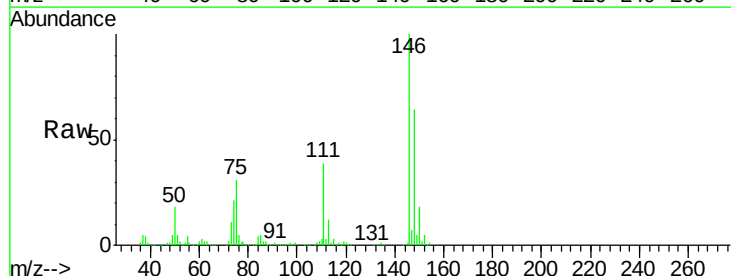
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

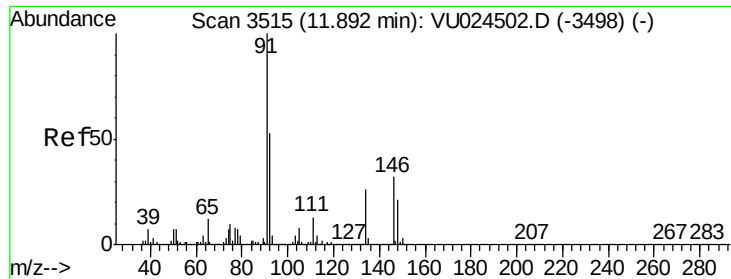
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	63.1	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.288 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	64.3	32.4	97.0

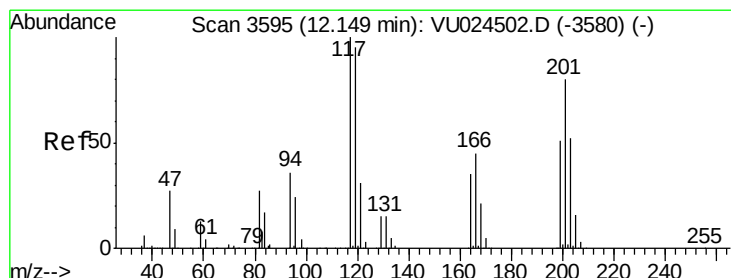
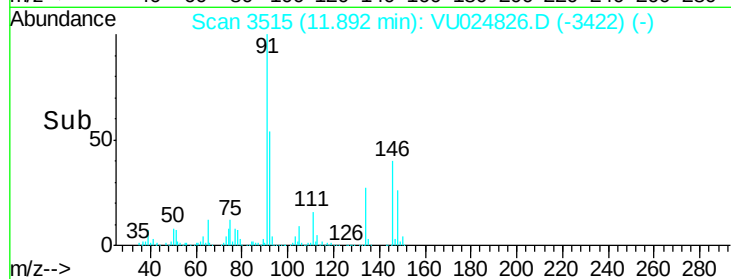
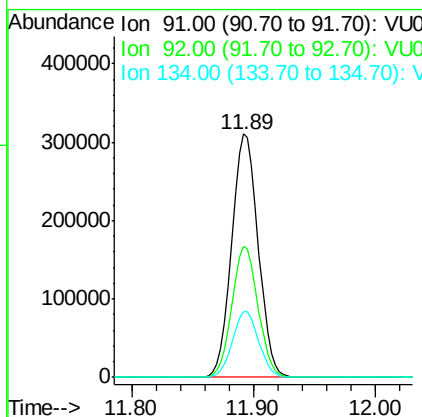
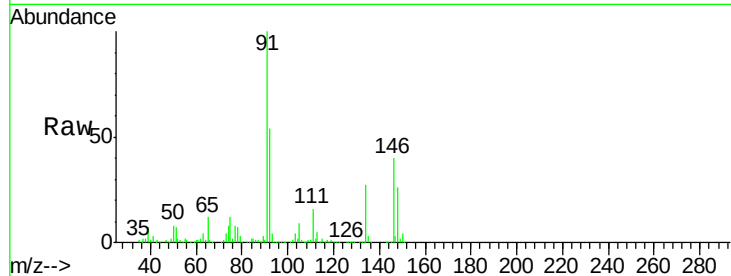




#89
n-Butylbenzene
Concen: 46.283 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

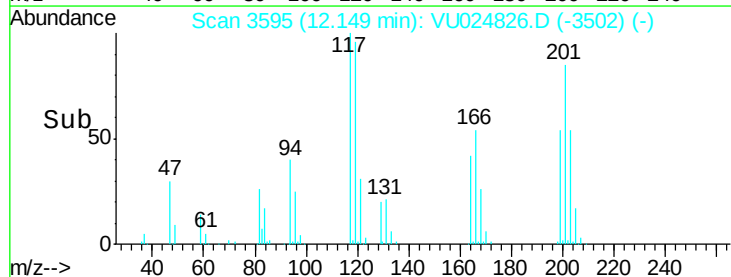
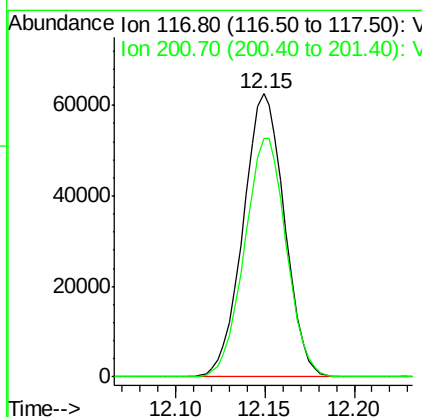
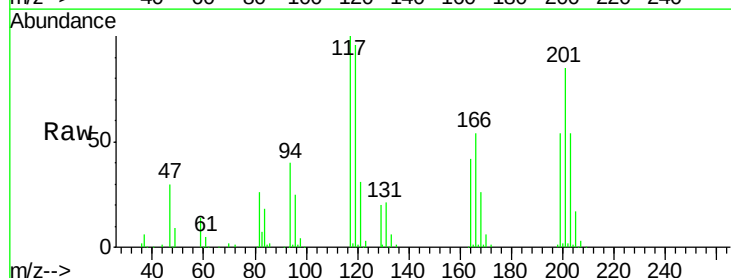
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

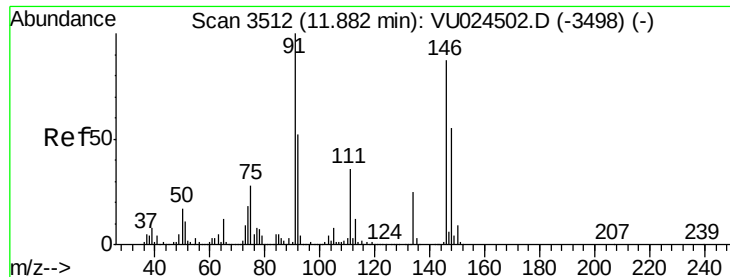
Tot Ion: 91 Resp: 469251
Ion Ratio Lower Upper
91 100
92 53.0 25.6 76.8
134 27.0 12.3 36.8



#90
Hexachloroethane
Concen: 45.453 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024826.D
Acq: 21 Jun 2018 21:21

Tgt Ion: 117 Resp: 101258
Ion Ratio Lower Upper
117 100
201 85.1 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 51.220 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

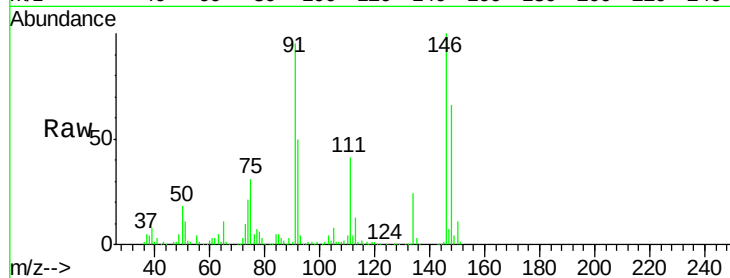
Tot Ion:146 Resp: 293176

Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.6

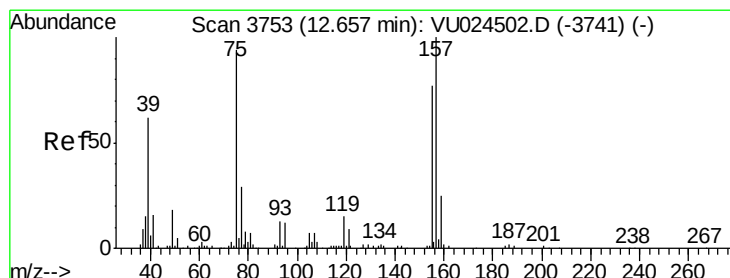
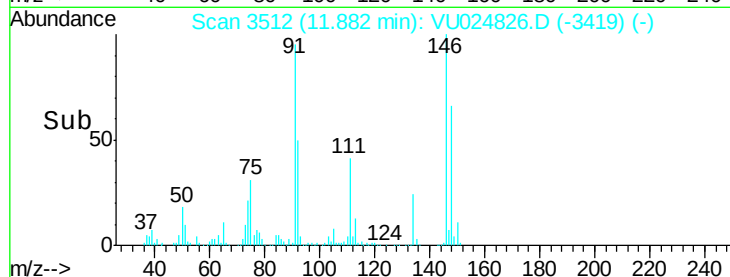
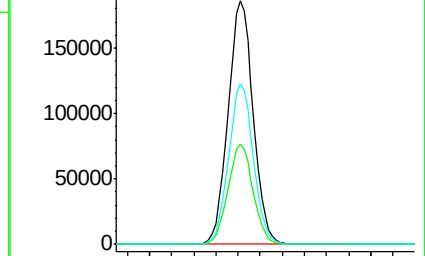
148 65.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.187 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

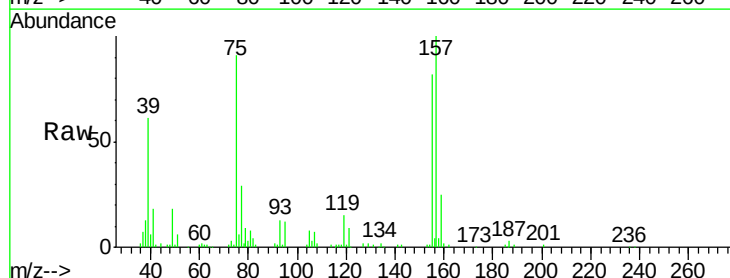
Tgt Ion: 75 Resp: 55567

Ion Ratio Lower Upper

75 100

155 87.6 40.4 121.2

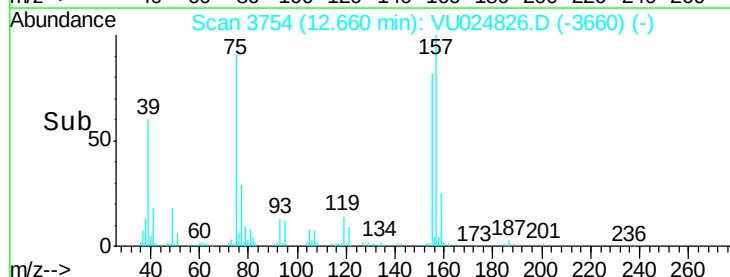
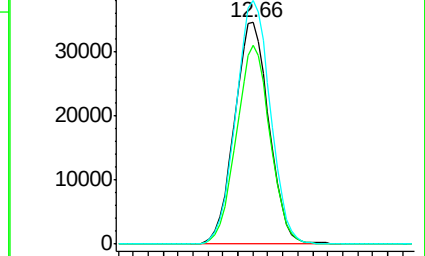
157 109.9 52.3 156.8

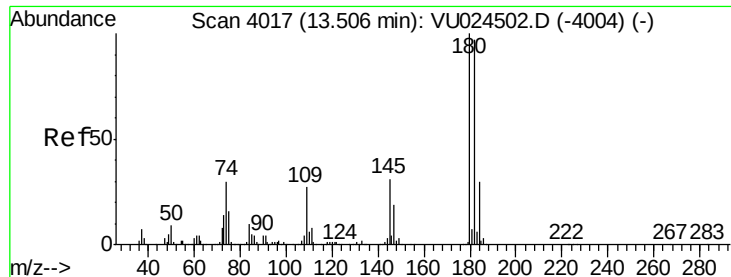


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

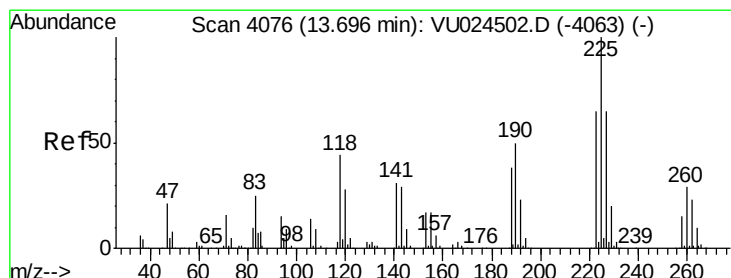
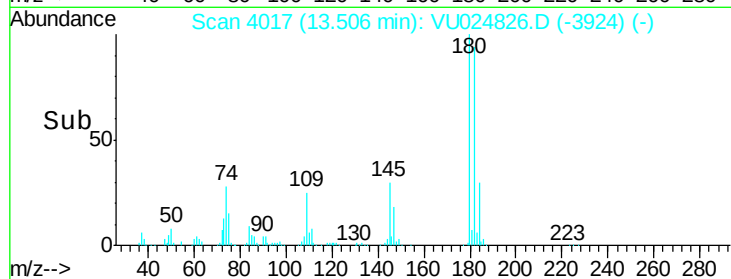
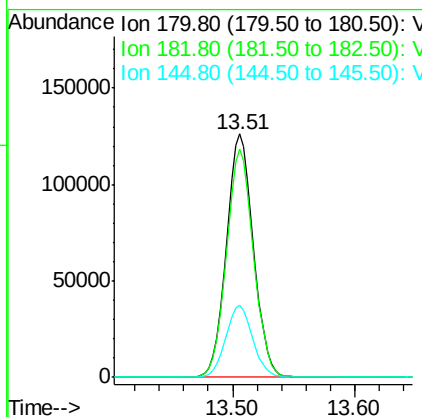
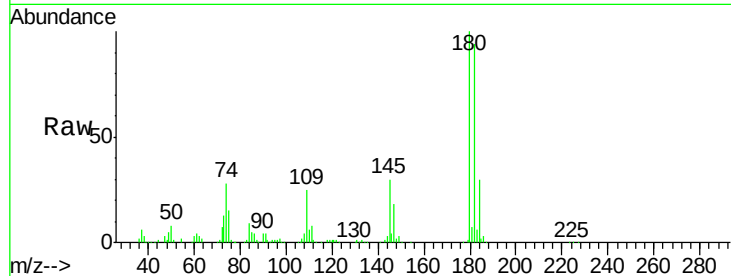




#93
 1,2,4-Trichlorobenzene
 Concen: 55.129 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

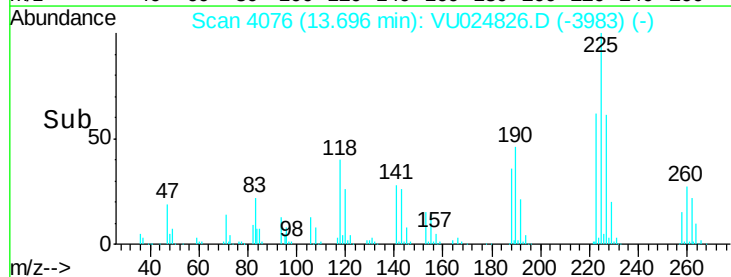
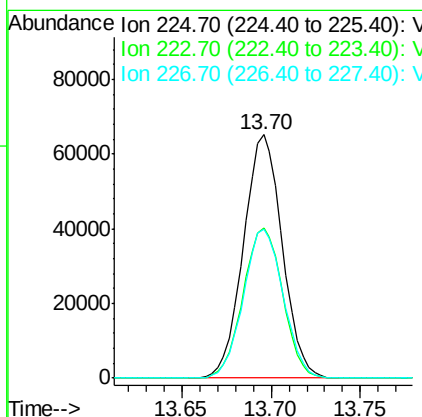
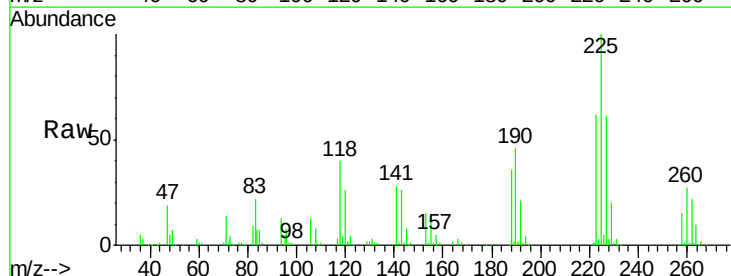
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

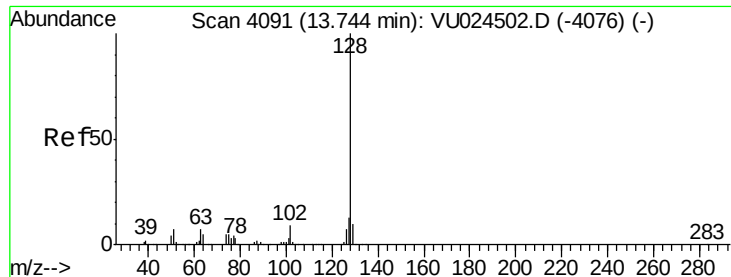
Tot Ion:180 Resp: 194859
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.0 144.2
 145 29.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 49.622 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024826.D
 Acq: 21 Jun 2018 21:21

Tgt Ion:225 Resp: 98720
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 62.9 31.8 95.4





#95

Naphthalene

Concen: 55.487 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

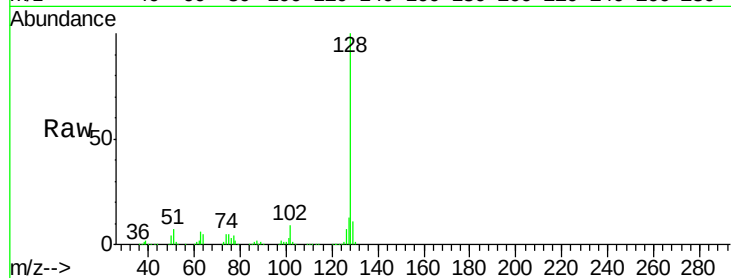
Tot Ion:128 Resp: 650152

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

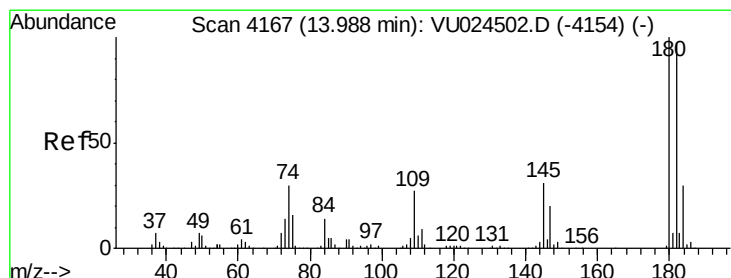
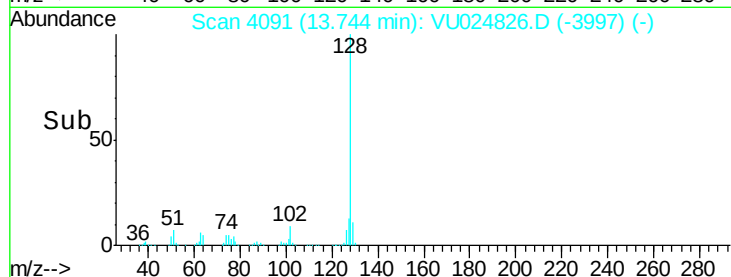
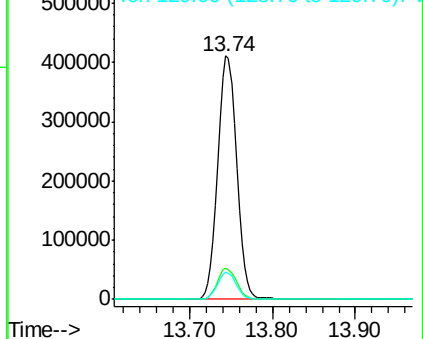
129 10.9 8.6 12.8



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: 58.011 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024826.D

Acq: 21 Jun 2018 21:21

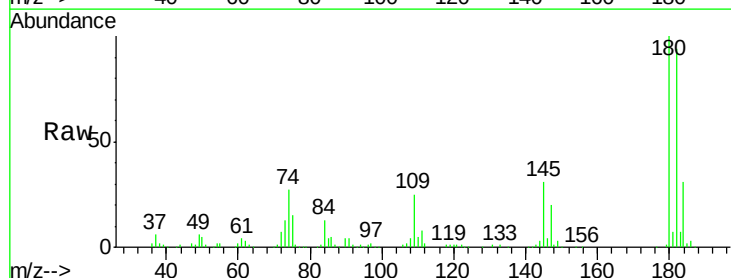
Tgt Ion:180 Resp: 204315

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 31.2 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

