

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025304.D
 Acq On : 10 Jul 2018 21:22
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 11 02:07:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	187508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	283504	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	265221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	129258	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
35) Dibromofluoromethane	4.89	113	106576	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
50) Toluene-d8	7.57	98	348435	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	
62) 4-Bromofluorobenzene	10.31	95	143793	43.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	86866	44.76	ug/l	98
3) Chloromethane	1.33	50	92491	47.86	ug/l	99
4) Vinyl Chloride	1.40	62	101880	47.78	ug/l	100
5) Bromomethane	1.61	94	60912	56.67	ug/l	98
6) Chloroethane	1.69	64	65863	48.58	ug/l	99
7) Trichlorofluoromethane	1.88	101	155285	46.33	ug/l	97
8) Diethyl Ether	2.10	74	61432	48.85	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	98505	47.43	ug/l	99
10) Methyl Iodide	2.41	142	95077	42.30	ug/l	99
11) Tert butyl alcohol	2.83	59	166420	261.87	ug/l	99
12) 1,1-Dichloroethene	2.28	96	89307	46.99	ug/l	93
13) Acrolein	2.19	56	70411	167.48	ug/l	99
14) Allyl chloride	2.59	41	153638	44.57	ug/l	99
15) Acrylonitrile	2.94	53	346058	264.86	ug/l	100
16) Acetone	2.32	43	322665	217.70	ug/l	99
17) Carbon Disulfide	2.48	76	238138	43.15	ug/l	100
18) Methyl Acetate	2.62	43	166029	55.66	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	372088	51.47	ug/l	100
20) Methylene Chloride	2.70	84	109210	48.48	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	102462	47.17	ug/l	95
22) Diisopropyl ether	3.57	45	353254	50.18	ug/l	95
23) Vinyl Acetate	3.53	43	1571577	254.49	ug/l	100
24) 1,1-Dichloroethane	3.45	63	201638	50.79	ug/l	99
25) 2-Butanone	4.26	43	507874	251.52	ug/l	100
26) 2,2-Dichloropropane	4.23	77	150002	39.30	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	120815	48.07	ug/l	99
28) Bromochloromethane	4.55	49	93458	48.75	ug/l	99
29) Tetrahydrofuran	4.64	42	320036	264.25	ug/l	99
30) Chloroform	4.68	83	209745	49.89	ug/l	98
31) Cyclohexane	5.00	56	169939	46.24	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	190915	50.10	ug/l	99
36) 1,1-Dichloropropene	5.14	75	147422	46.77	ug/l	98
37) Ethyl Acetate	4.38	43	186158	52.96	ug/l	99
38) Carbon Tetrachloride	5.14	117	168962	49.81	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	175033	44.52	ug/l	99
40) Benzene	5.39	78	434659	47.85	ug/l	99
41) Methacrylonitrile	4.54	41	101978	52.33	ug/l	99
42) 1,2-Dichloroethane	5.41	62	178070	49.32	ug/l	100
43) Isopropyl Acetate	5.55	43	289945	51.51	ug/l	100
44) Trichloroethene	6.19	130	123935	47.52	ug/l	100
45) 1,2-Dichloropropane	6.44	63	117485	49.38	ug/l	99
46) Dibromomethane	6.56	93	83817	48.41	ug/l	98
47) Bromodichloromethane	6.76	83	160876	50.02	ug/l	97
48) Methyl methacrylate	6.63	41	145361	51.80	ug/l	98
49) 1,4-Dioxane	6.62	88	67489	999.52	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	958019	261.86	ug/l	100
52) Toluene	7.64	92	282524	48.89	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	171710	48.59	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	180109	47.89	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	119668	49.72	ug/l	99
56) Ethyl methacrylate	8.02	69	190180	50.59	ug/l	99
57) 1,3-Dichloropropane	8.25	76	199958	50.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	354558	211.26	ug/l	100
59) 2-Hexanone	8.36	43	750659	252.96	ug/l	98
60) Dibromochloromethane	8.48	129	135828	52.26	ug/l	99
61) 1,2-Dibromoethane	8.59	107	131574	51.09	ug/l	99
64) Tetrachloroethene	8.23	164	119558	49.45	ug/l	98
65) Chlorobenzene	9.12	112	327790	49.47	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	123393	52.06	ug/l	99
67) Ethyl Benzene	9.25	91	559456	49.53	ug/l	99
68) m/p-Xylenes	9.38	106	436930	100.05	ug/l	100
69) o-Xylene	9.78	106	219503	50.21	ug/l	99
70) Styrene	9.80	104	354140	50.99	ug/l	99
71) Bromoform	9.96	173	106687	46.88	ug/l #	100
73) Isopropylbenzene	10.17	105	581888	47.62	ug/l	100
74) N-amyl acetate	10.01	43	260363	52.01	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	202892	50.75	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	230154	69.33	ug/l	83
77) Bromobenzene	10.45	156	153085	48.97	ug/l	98
78) n-propylbenzene	10.59	91	652045	48.09	ug/l	100
79) 2-Chlorotoluene	10.66	91	398660	51.20	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	498579	48.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	230154	180.64	ug/l #	100
82) 4-Chlorotoluene	10.78	91	453407	47.22	ug/l	99
83) tert-Butylbenzene	11.10	119	497503	47.88	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	509540	48.35	ug/l	98
85) sec-Butylbenzene	11.33	105	593330	48.50	ug/l	99
86) p-Isopropyltoluene	11.48	119	530294	48.96	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	272463	47.69	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	273887	49.11	ug/l	99
89) n-Butylbenzene	11.89	91	423733	47.59	ug/l	100
90) Hexachloroethane	12.15	117	86888	47.37	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	281053	48.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50724	52.32	ug/l	98

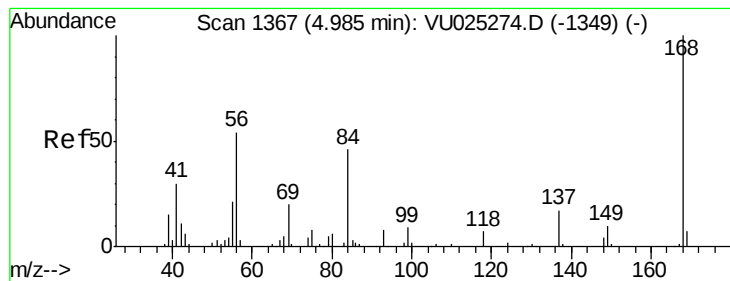
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	176006	45.85	ug/l	98
94) Hexachlorobutadiene	13.70	225	93082	45.11	ug/l	100
95) Naphthalene	13.75	128	608045	51.70	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	186506	47.67	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

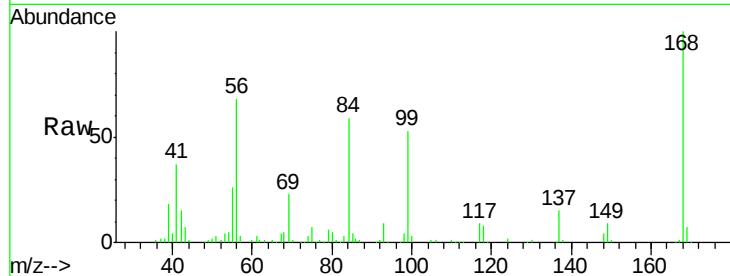
VSTDCCC050EC

Tot Ion:168 Resp: 187508

Ion Ratio Lower Upper

168 100

99 52.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

80000

60000

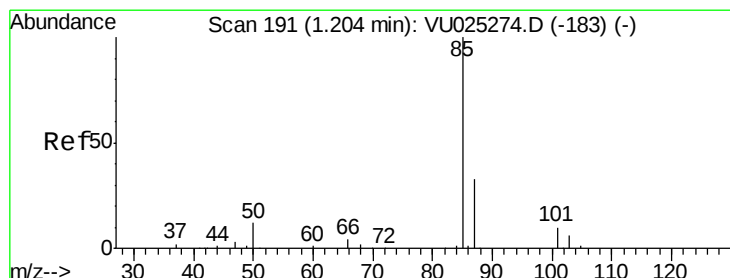
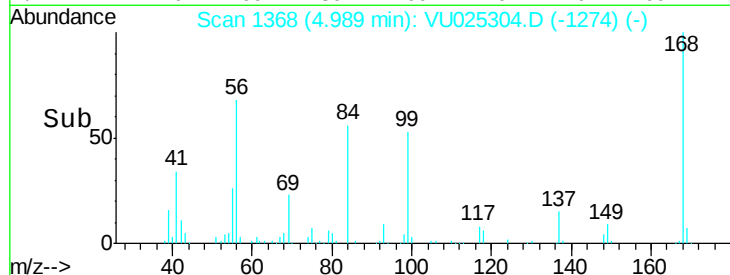
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.76 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025304.D

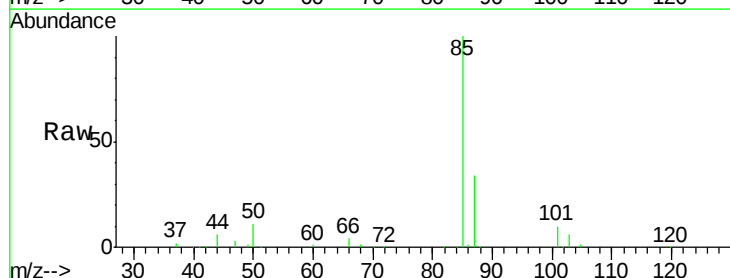
Acq: 10 Jul 2018 21:22

Tgt Ion: 85 Resp: 86866

Ion Ratio Lower Upper

85 100

87 34.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025274.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025274.D (-183) (-)

1.20

80000

60000

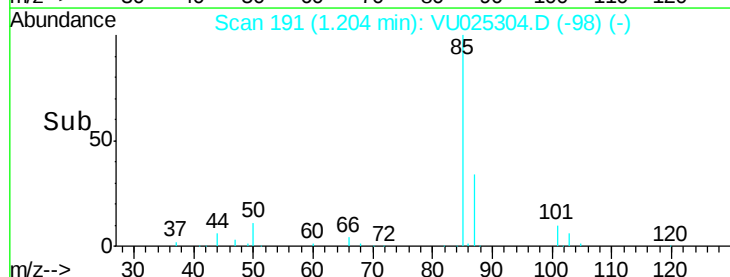
40000

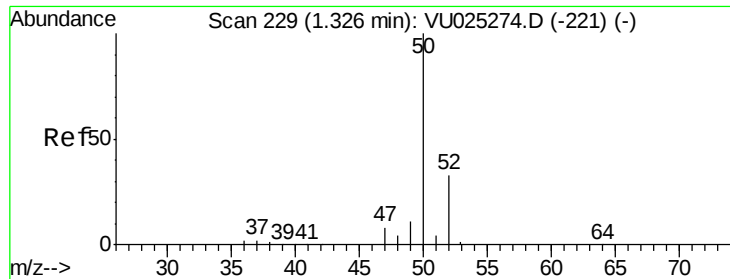
20000

0

1.15 1.20 1.25

Time-->

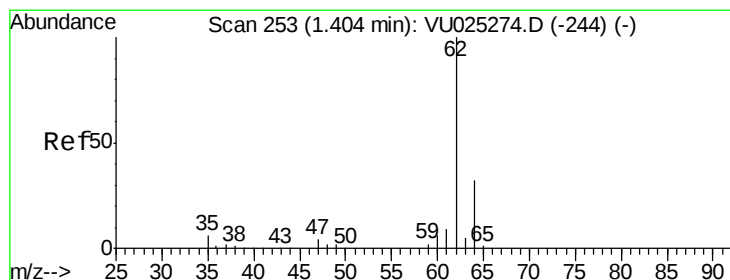
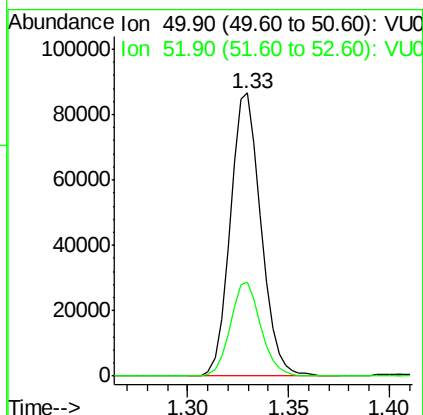
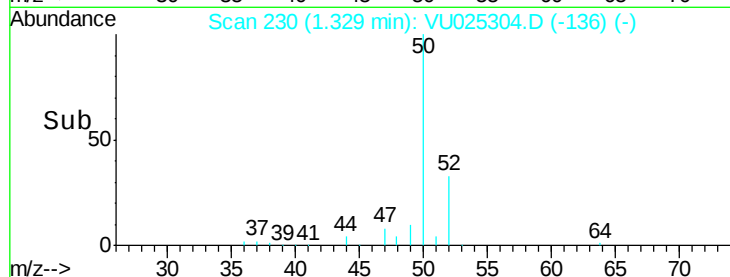
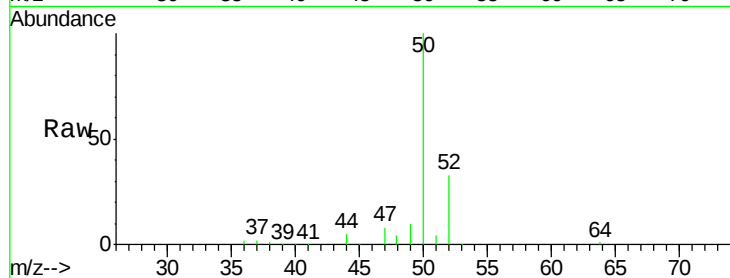




#3
Chloromethane
Concen: 47.86 ug/l
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

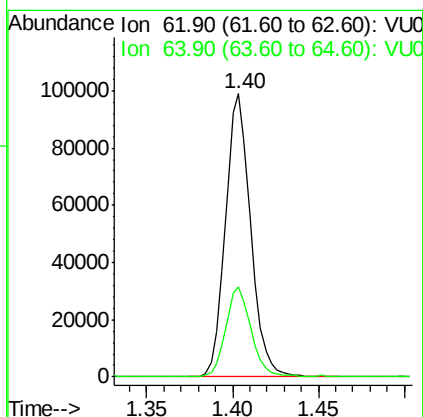
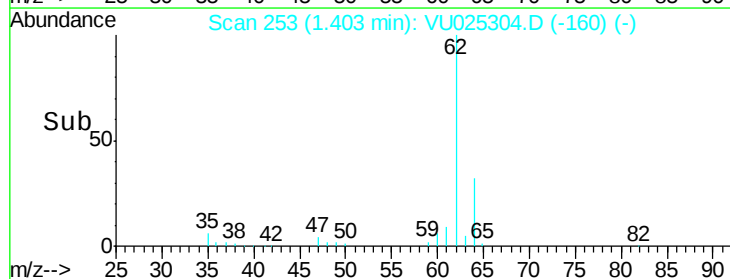
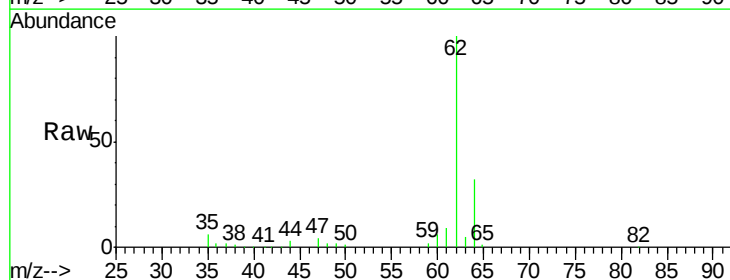
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

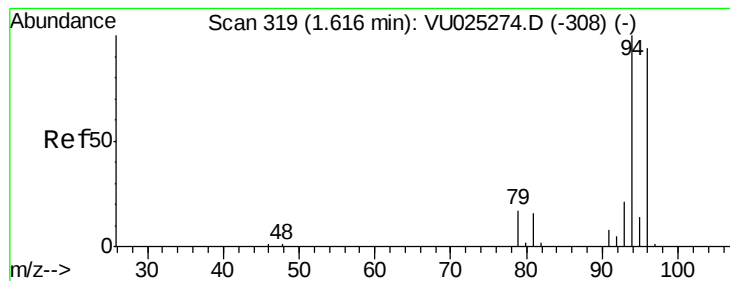
Tot Ion: 50 Resp: 92491
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 47.78 ug/l
RT: 1.40 min Scan# 253
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion: 62 Resp: 101880
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5

Bromomethane

Concen: 56.67 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

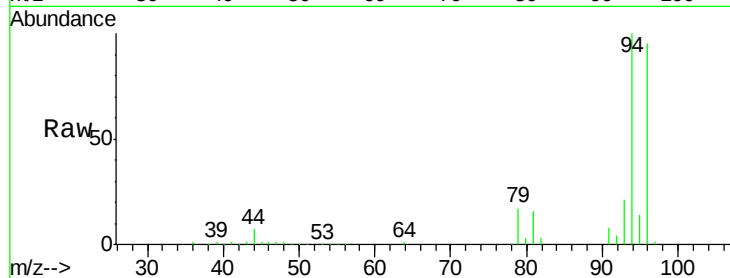
VSTDCCC050EC

Tot Ion: 94 Resp: 60912

Ion Ratio Lower Upper

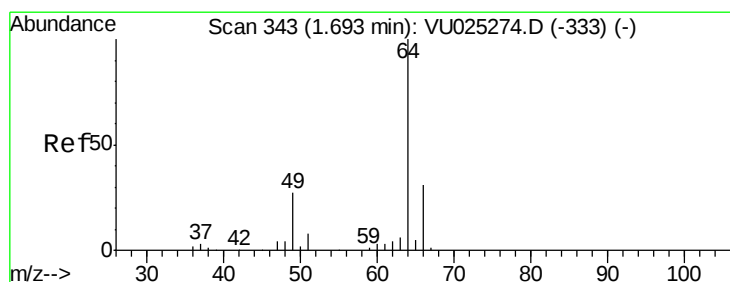
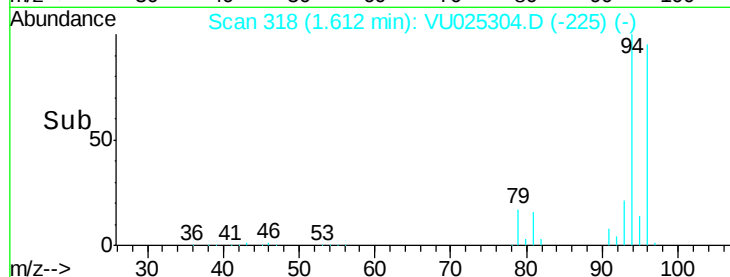
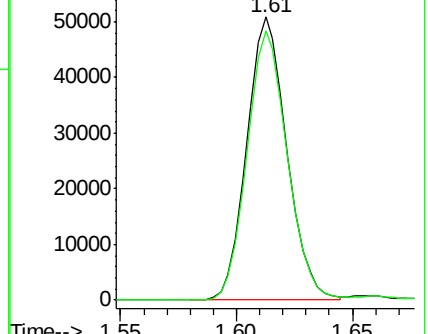
94 100

96 95.2 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 48.58 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.00 min

Lab File: VU025304.D

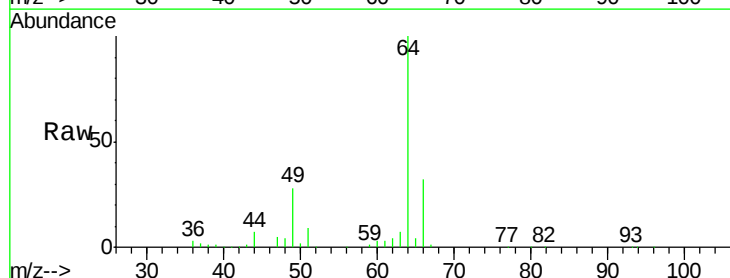
Acq: 10 Jul 2018 21:22

Tgt Ion: 64 Resp: 65863

Ion Ratio Lower Upper

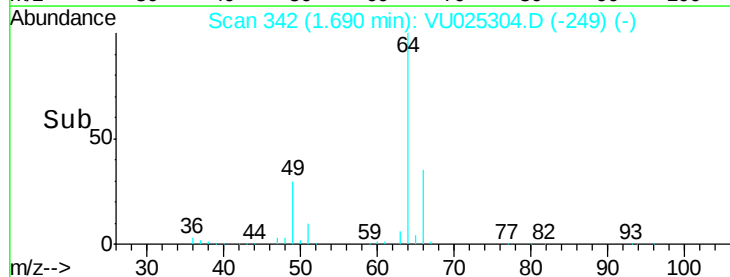
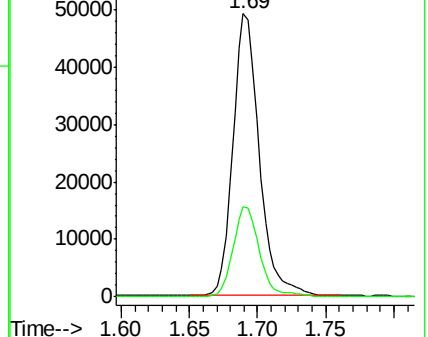
64 100

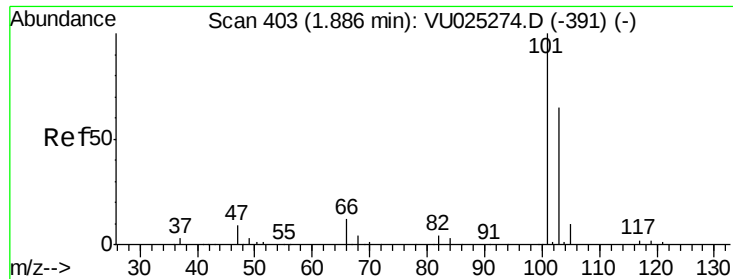
66 31.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



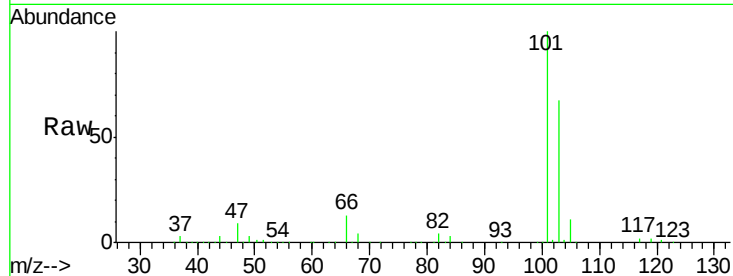


#7

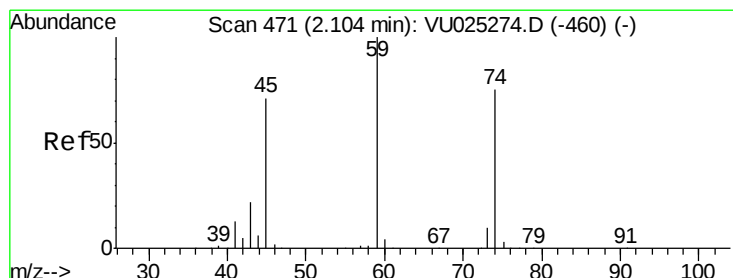
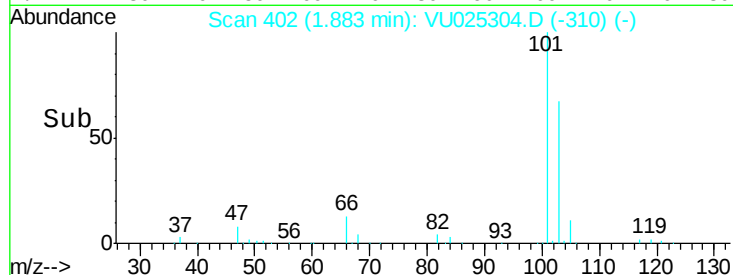
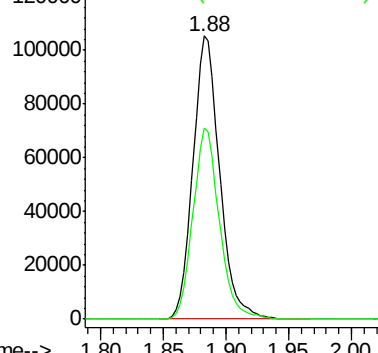
Trichlorofluoromethane
 Concen: 46.33 ug/l
 RT: 1.88 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 155285
 Ion Ratio Lower Upper
 101 100
 103 67.4 52.2 78.2



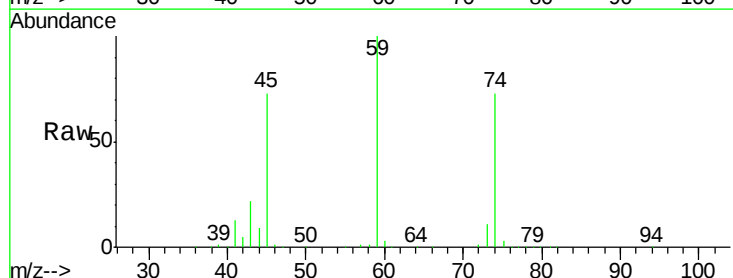
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



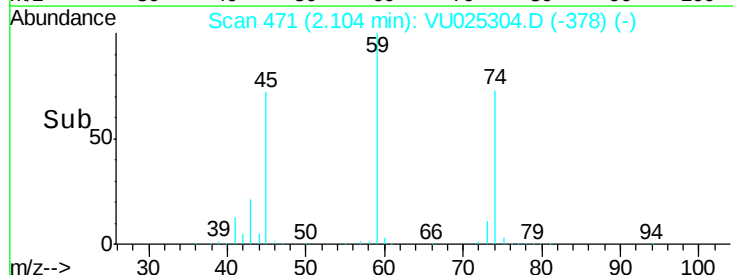
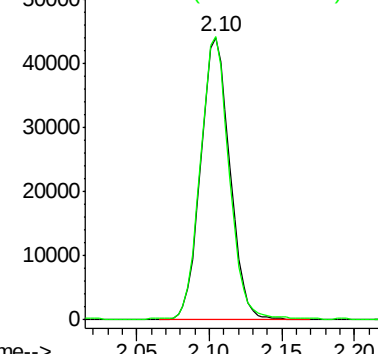
#8

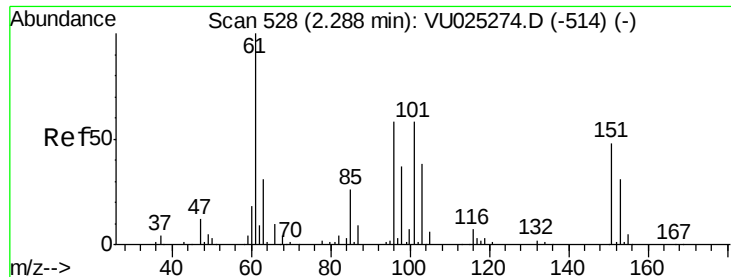
Diethyl Ether
 Concen: 48.85 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Tgt Ion: 74 Resp: 61432
 Ion Ratio Lower Upper
 74 100
 45 100.1 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VU0
 Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.43 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

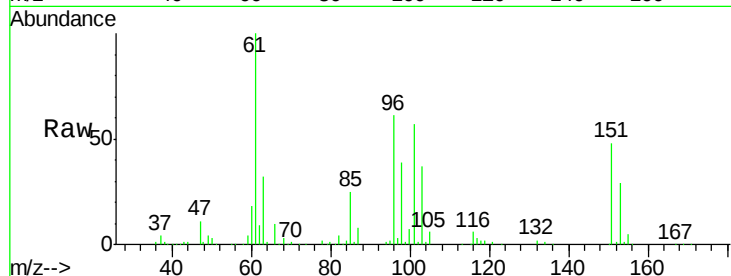
Tot Ion:101 Resp: 98505

Ion Ratio Lower Upper

101 100

85 43.9 36.0 54.0

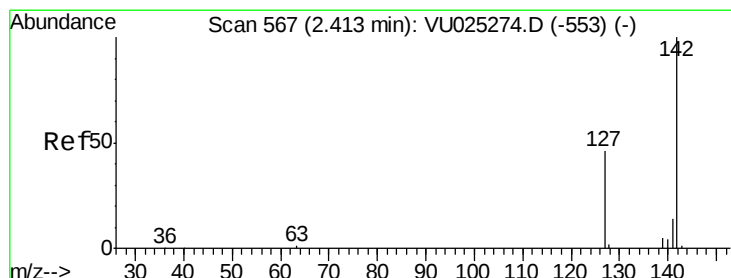
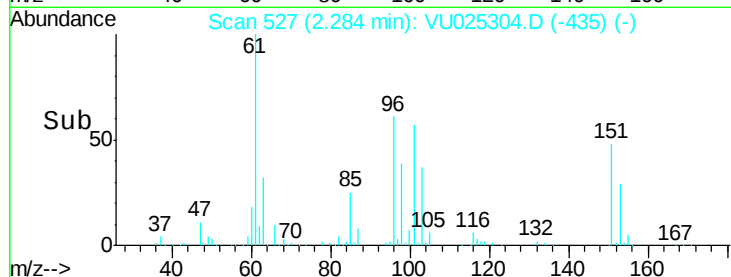
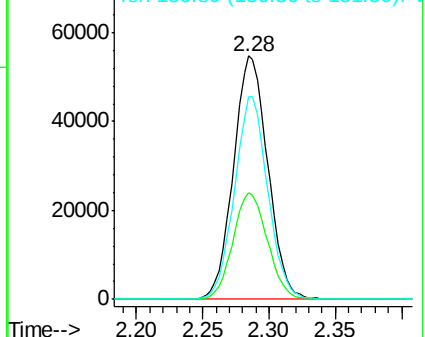
151 81.1 65.6 98.4



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: 42.30 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

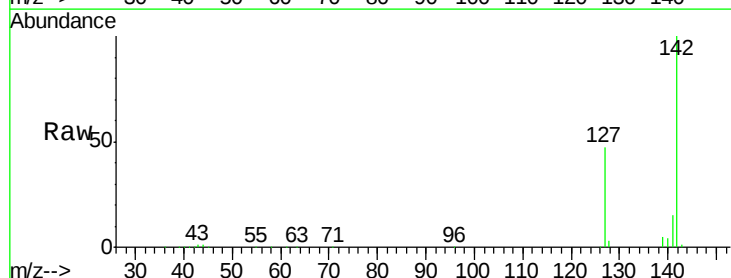
Tgt Ion:142 Resp: 95077

Ion Ratio Lower Upper

142 100

127 45.0 36.5 54.7

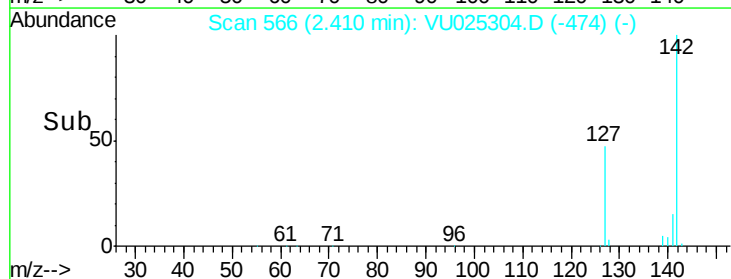
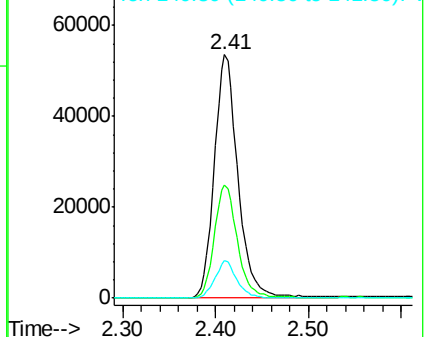
141 14.2 11.4 17.2

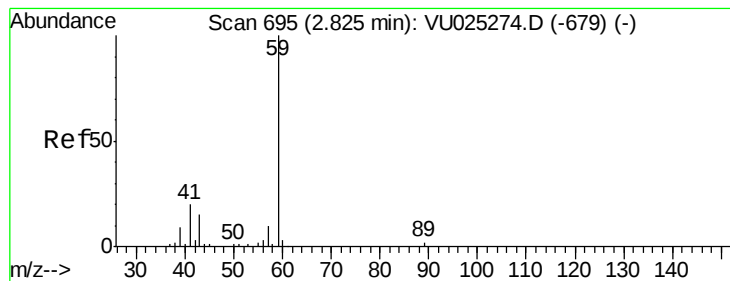


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



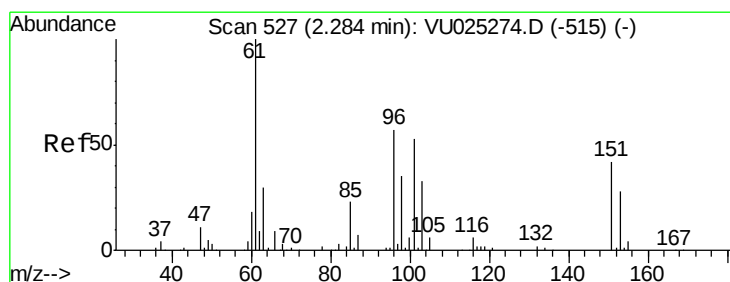
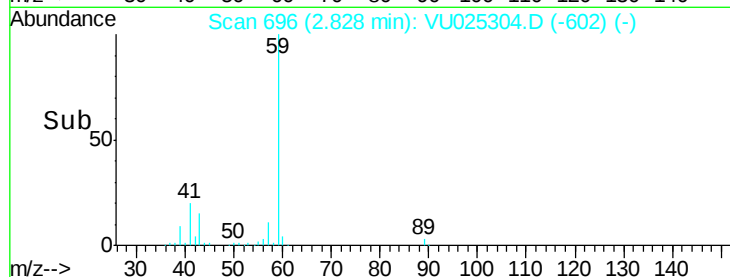
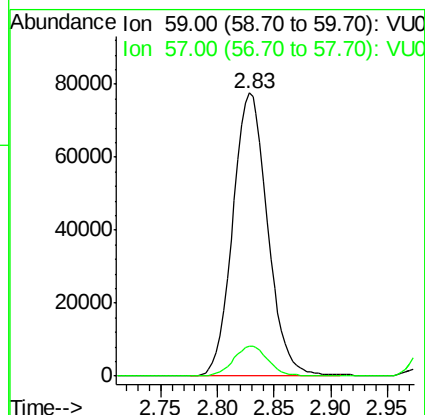
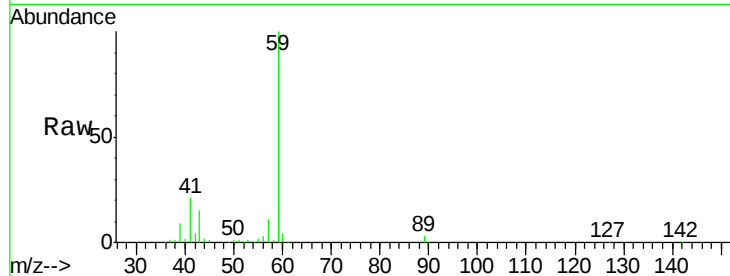


#11

Tert butyl alcohol
 Concen: 261.87 ug/l
 RT: 2.83 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

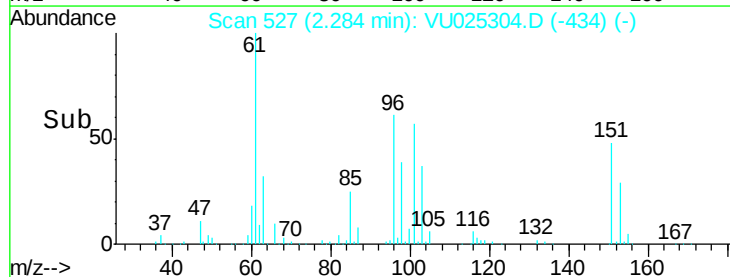
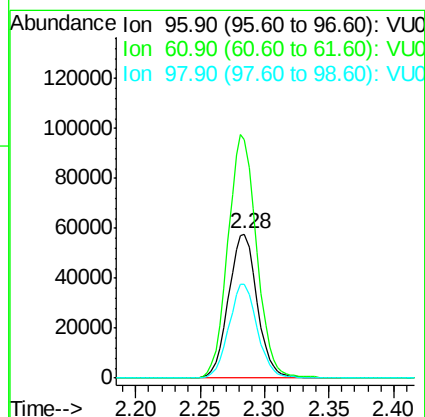
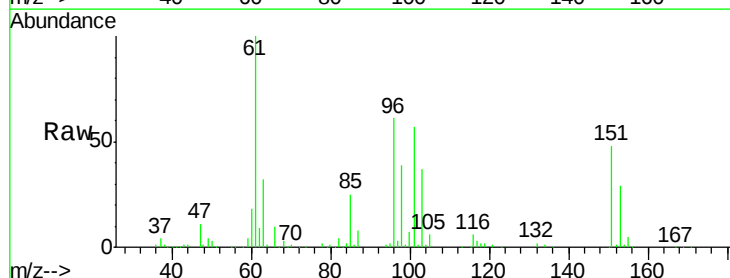
Tot Ion: 59 Resp: 166420
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

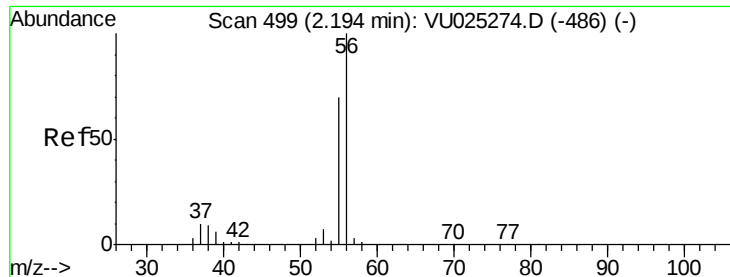


#12

1,1-Dichloroethene
 Concen: 46.99 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Tgt Ion: 96 Resp: 89307
 Ion Ratio Lower Upper
 96 100
 61 165.1 140.2 210.4
 98 64.9 49.3 73.9





#13

Acrolein

Concen: 167.48 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

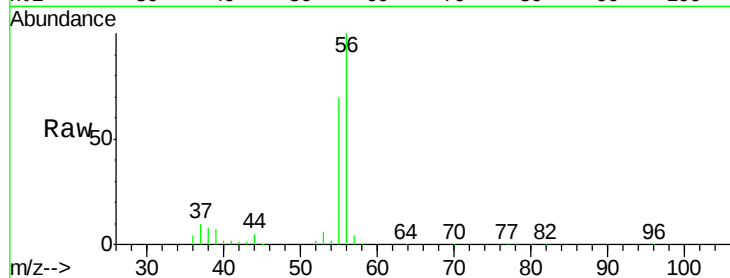
VSTDCCC050EC

Tot Ion: 56 Resp: 70411

Ion Ratio Lower Upper

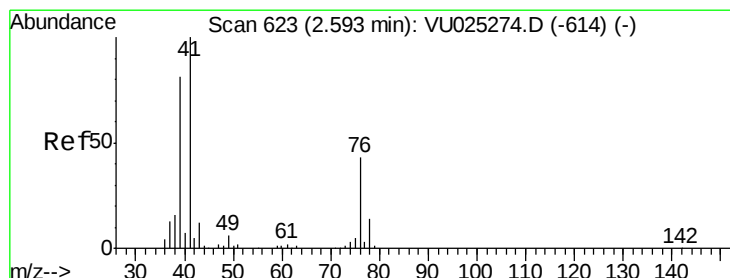
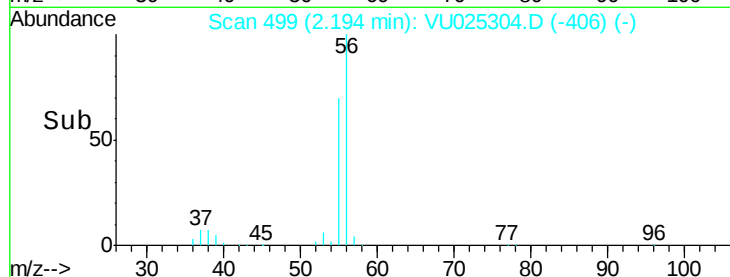
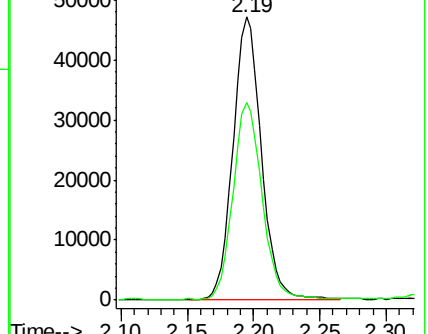
56 100

55 70.3 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 44.57 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

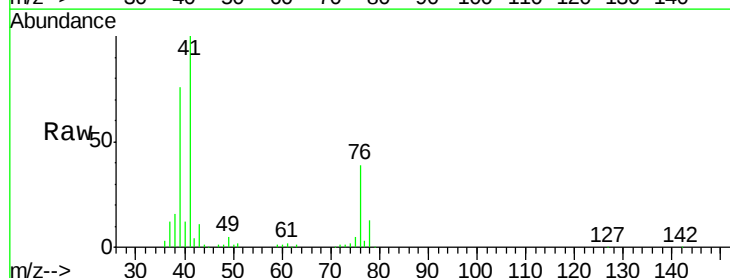
Tgt Ion: 41 Resp: 153638

Ion Ratio Lower Upper

41 100

39 77.2 60.6 91.0

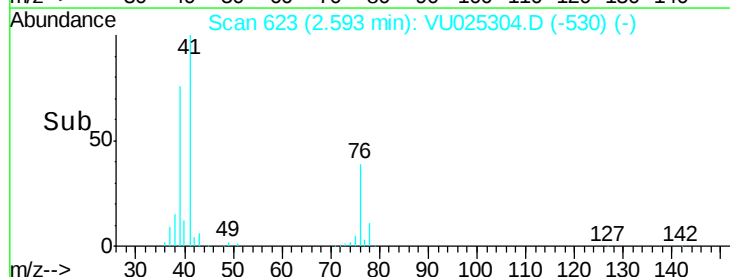
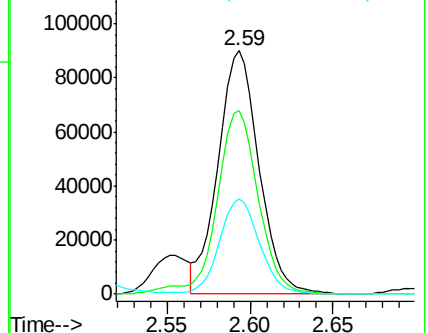
76 38.3 30.5 45.7

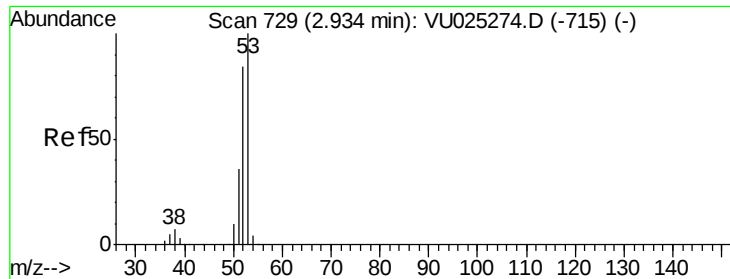


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 264.86 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

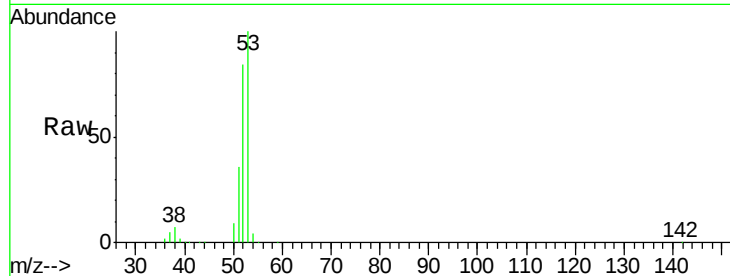
Tot Ion: 53 Resp: 346058

Ion Ratio Lower Upper

53 100

52 83.4 66.6 99.8

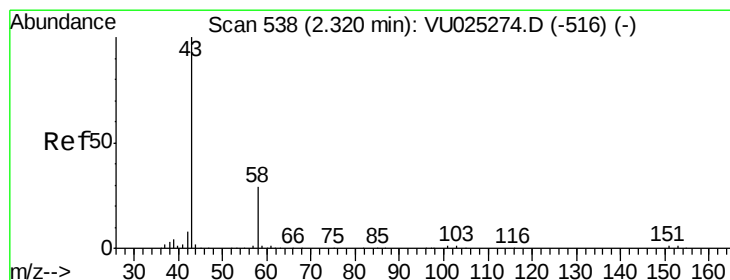
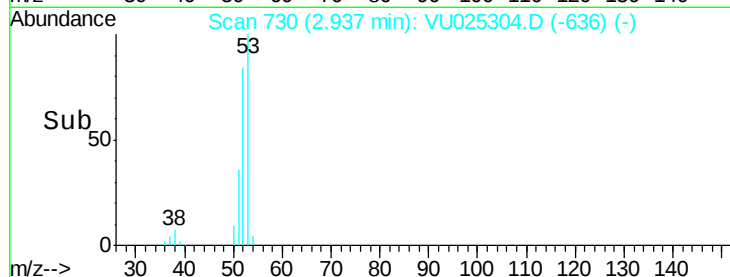
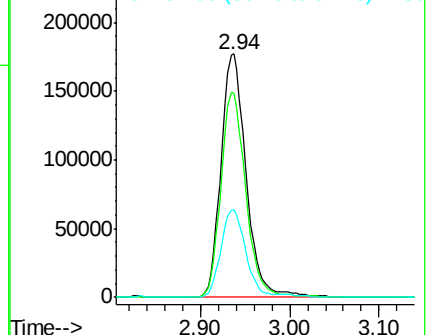
51 36.8 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU025274.D (-715) (-)

Ion 52.00 (51.70 to 52.70): VU025274.D (-715) (-)

Ion 51.00 (50.70 to 51.70): VU025274.D (-715) (-)



#16

Acetone

Concen: 217.70 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025304.D

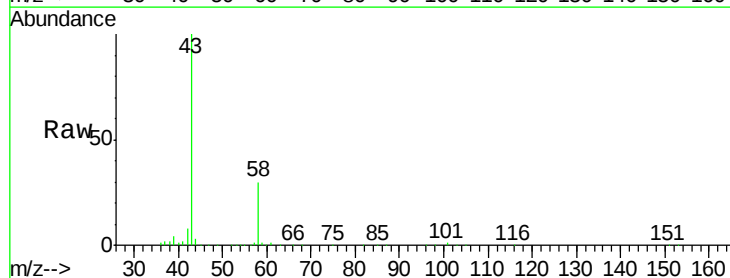
Acq: 10 Jul 2018 21:22

Tgt Ion: 43 Resp: 322665

Ion Ratio Lower Upper

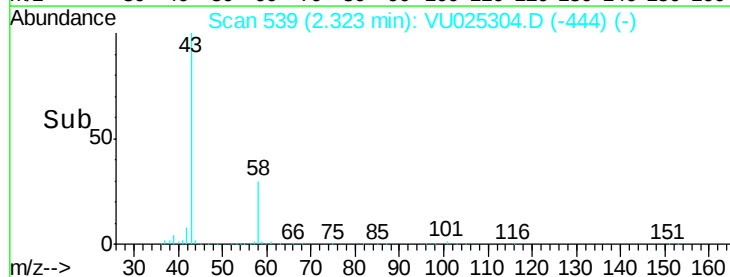
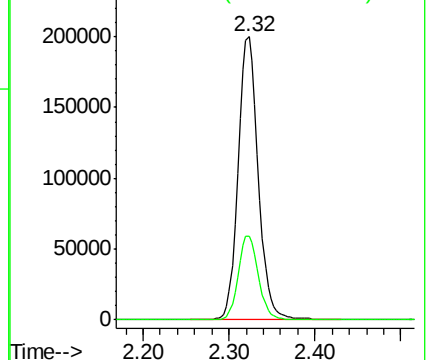
43 100

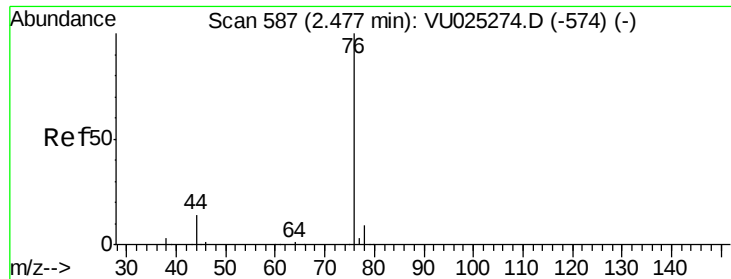
58 29.7 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-516) (-)

Ion 58.00 (57.70 to 58.70): VU025274.D (-516) (-)





#17

Carbon Disulfide

Concen: 43.15 ug/l

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

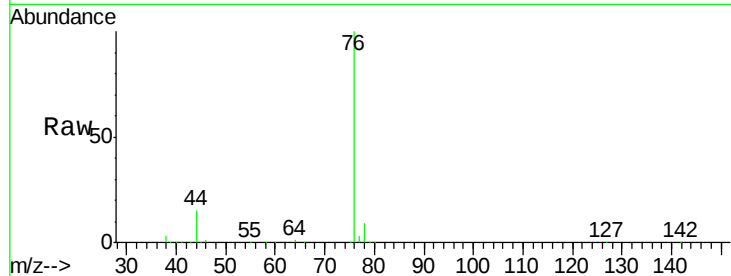
VSTDCCC050EC

Tot Ion: 76 Resp: 238138

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

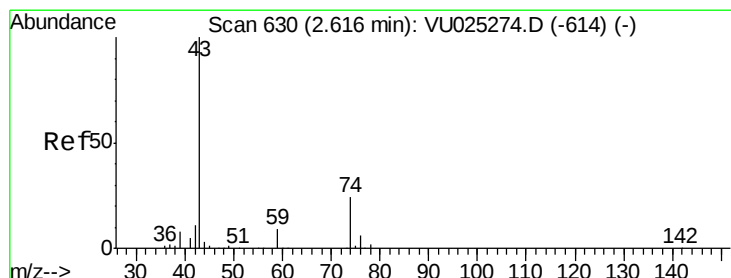
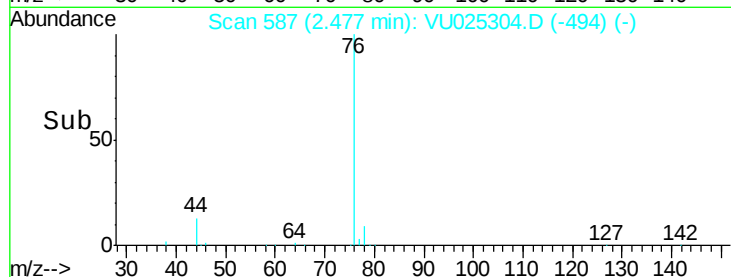
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 55.66 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025304.D

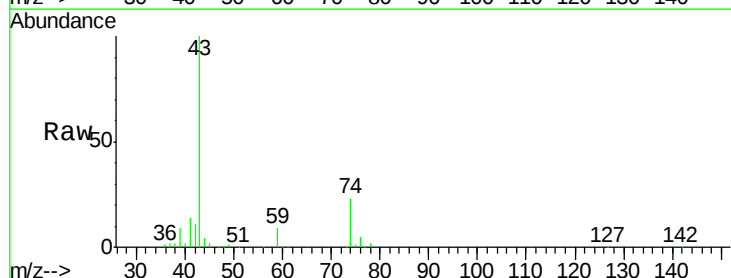
Acq: 10 Jul 2018 21:22

Tgt Ion: 43 Resp: 166029

Ion Ratio Lower Upper

43 100

74 23.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

100000

80000

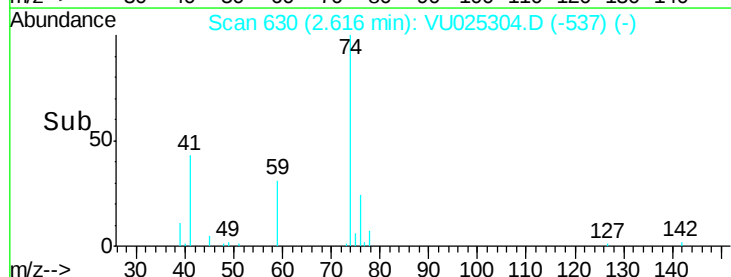
60000

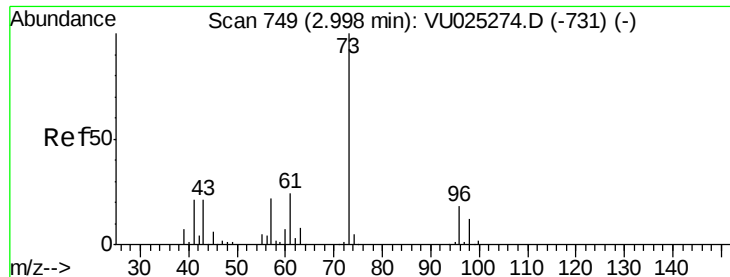
40000

20000

0

Time-->

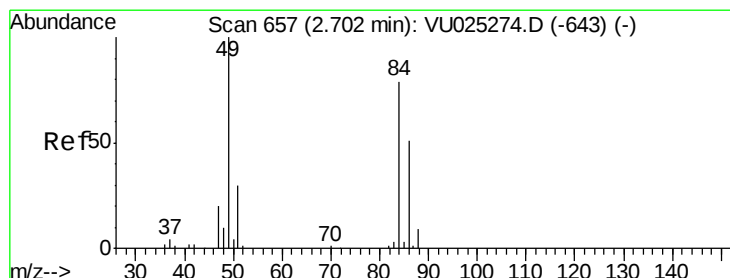
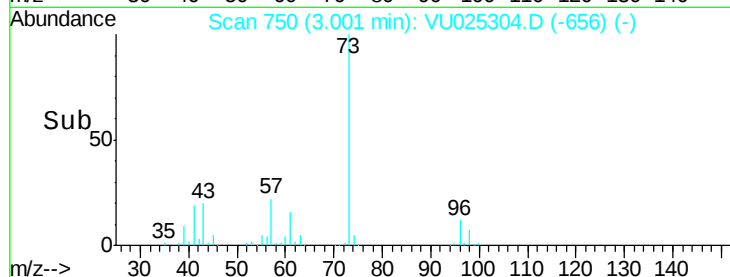
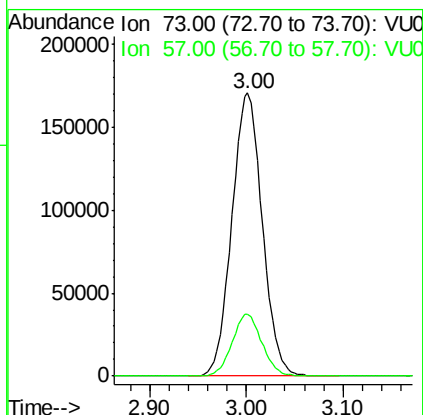
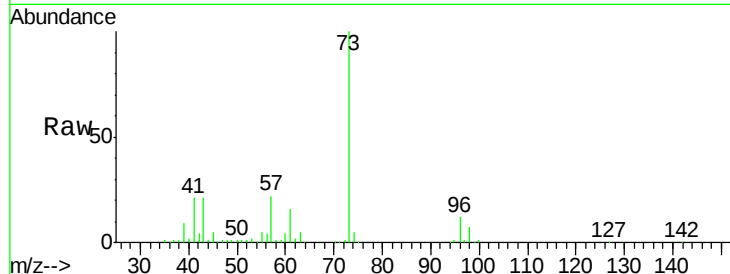




#19
Methyl tert-butyl Ether
Concen: 51.47 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

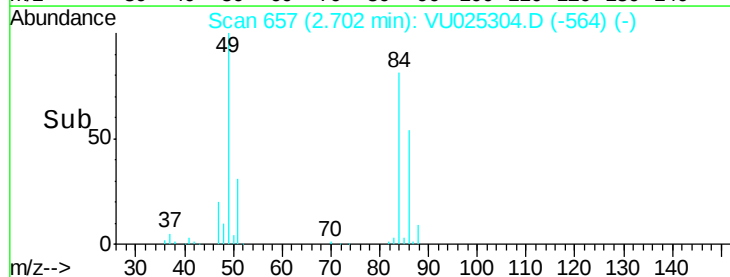
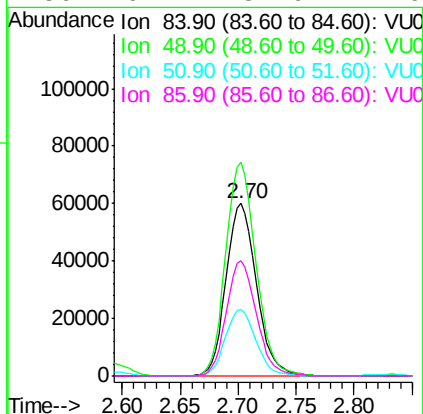
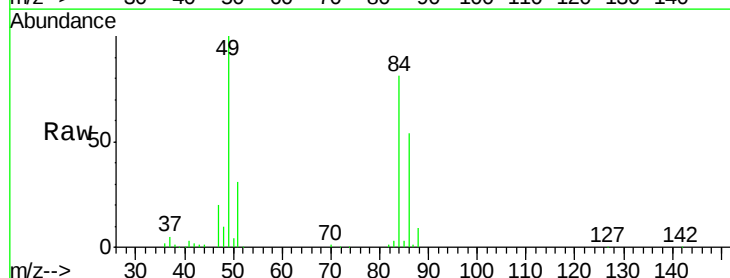
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

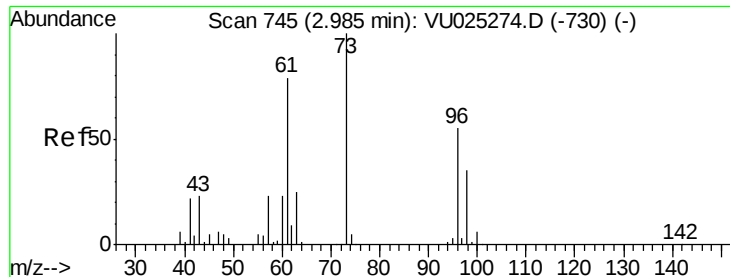
Tot Ion: 73 Resp: 372088
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 48.48 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion: 84 Resp: 109210
Ion Ratio Lower Upper
84 100
49 123.9 101.8 152.6
51 38.5 30.8 46.2
86 67.1 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 47.17 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

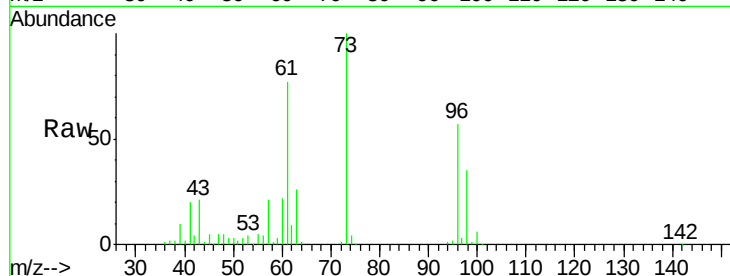
Tot Ion: 96 Resp: 102462

Ion Ratio Lower Upper

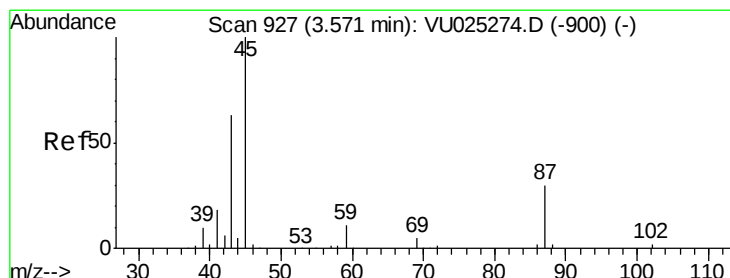
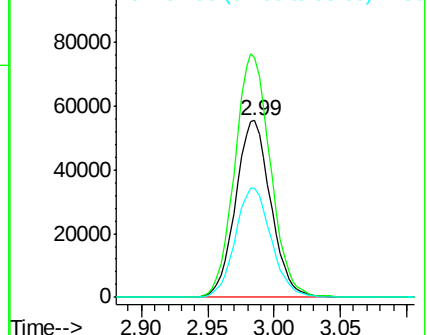
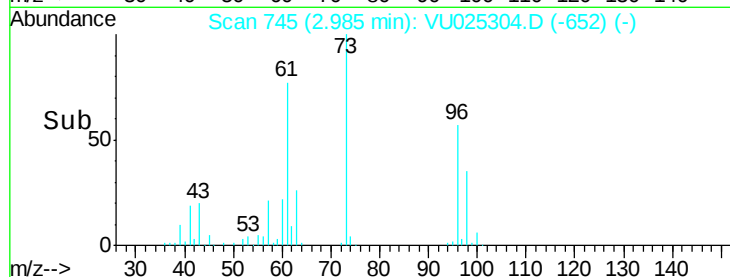
96 100

61 135.6 114.5 171.7

98 62.0 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025304.D (-652) (-)



#22

Diisopropyl ether

Concen: 50.18 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Tgt Ion: 45 Resp: 353254

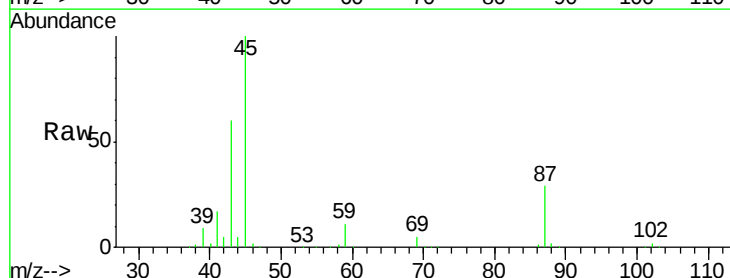
Ion Ratio Lower Upper

45 100

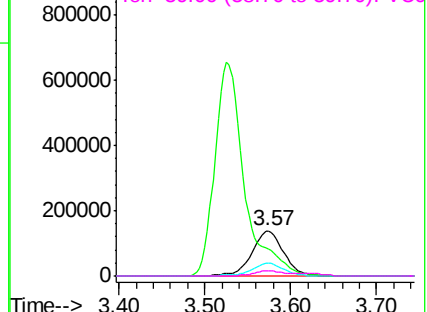
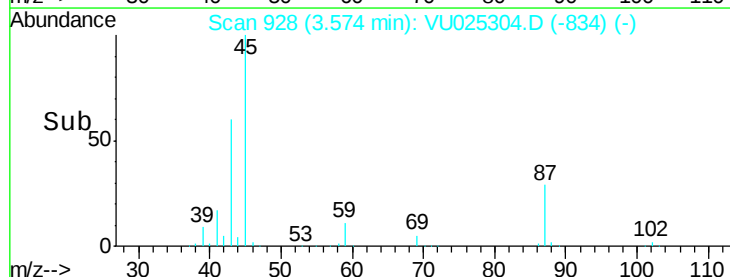
43 58.3 50.9 76.3

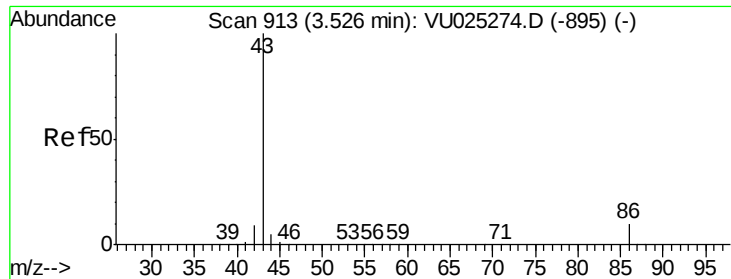
87 28.4 23.8 35.8

59 11.4 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU025304.D (-834) (-)





#23

Vinyl Acetate

Concen: 254.49 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

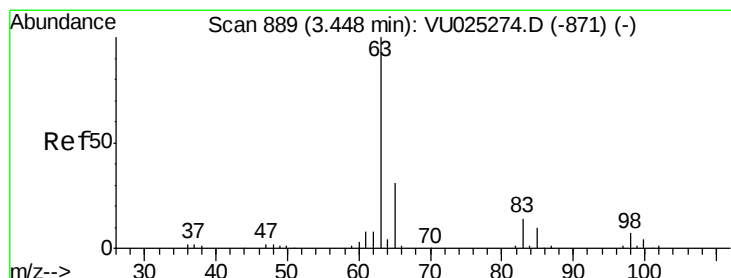
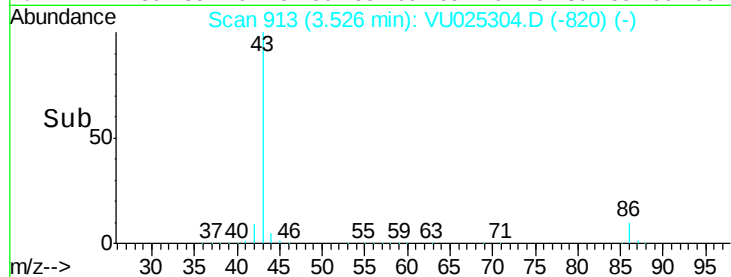
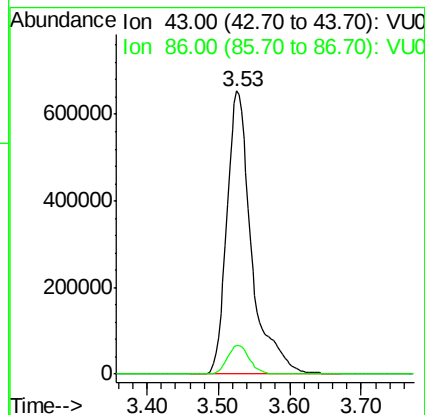
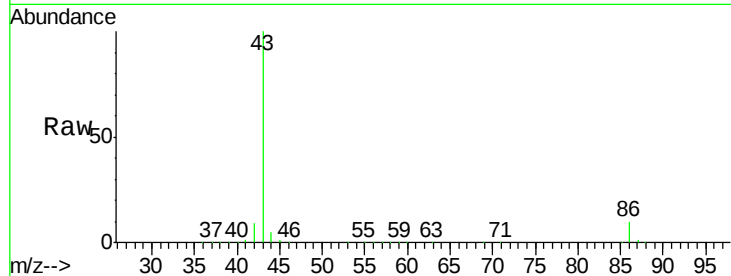
VSTDCCC050EC

Tot Ion: 43 Resp: 1571577

Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.2



#24

1,1-Dichloroethane

Concen: 50.79 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

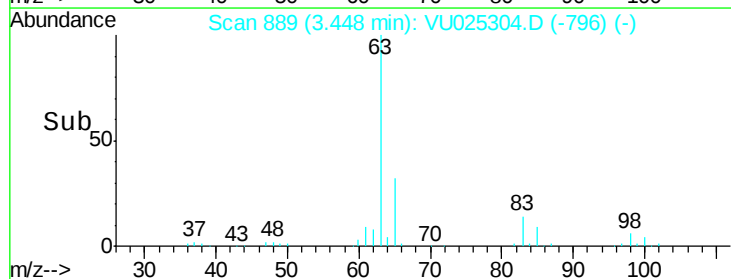
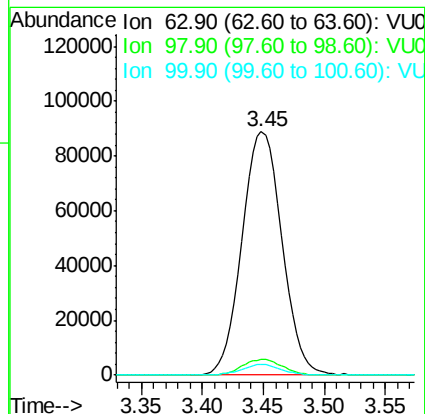
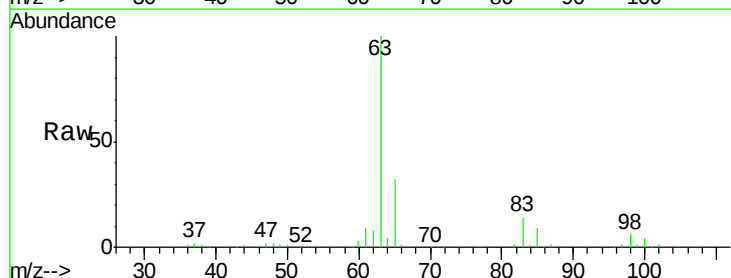
Tgt Ion: 63 Resp: 201638

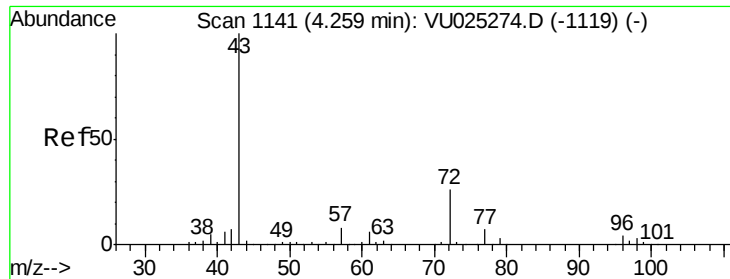
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 251.52 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

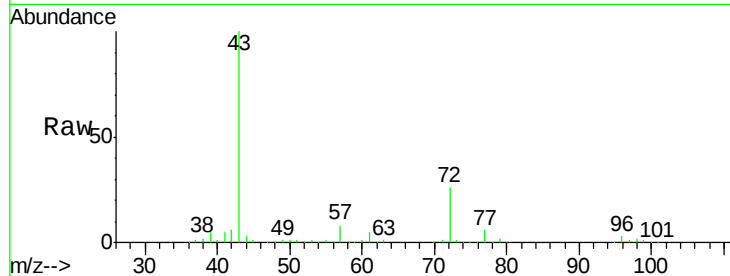
VSTDCCC050EC

Tot Ion: 43 Resp: 507874

Ion Ratio Lower Upper

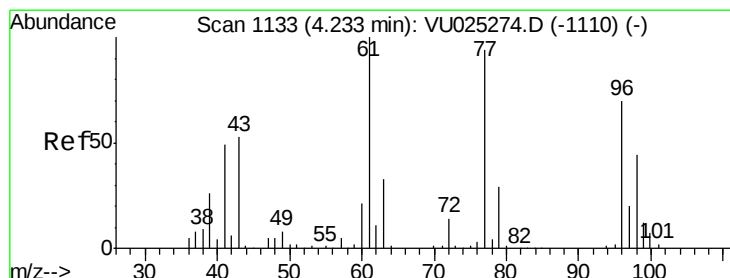
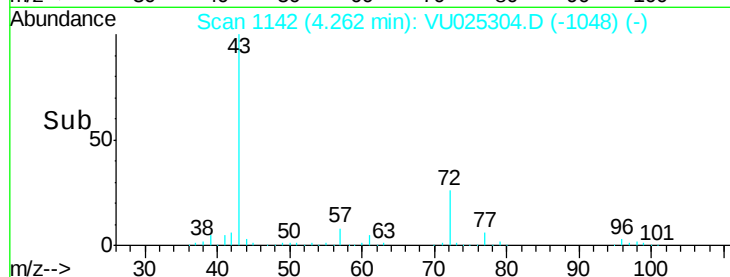
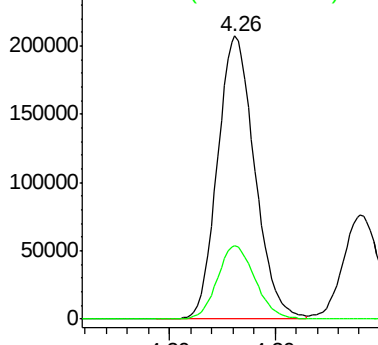
43 100

72 26.1 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 39.30 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025304.D

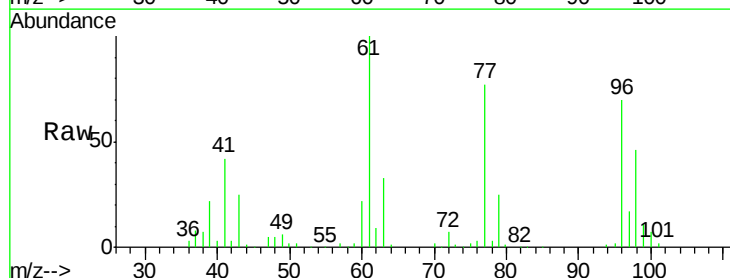
Acq: 10 Jul 2018 21:22

Tgt Ion: 77 Resp: 150002

Ion Ratio Lower Upper

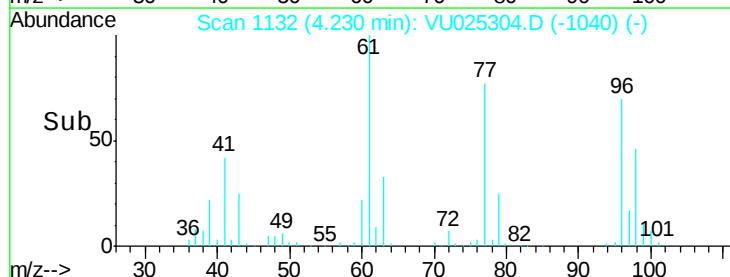
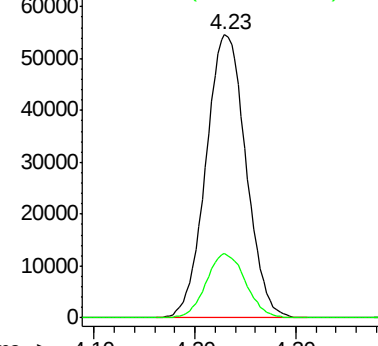
77 100

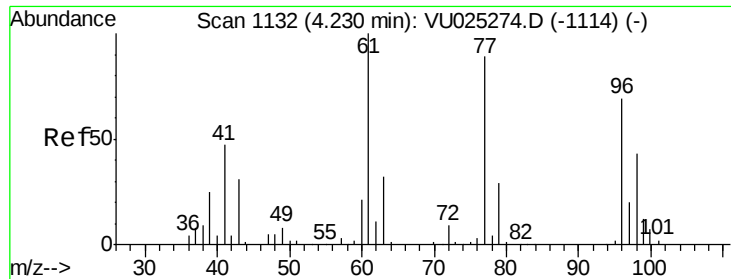
97 22.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

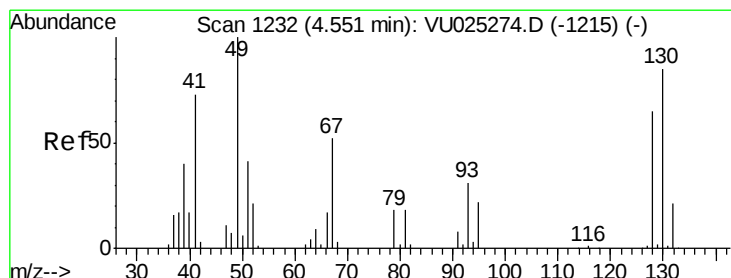
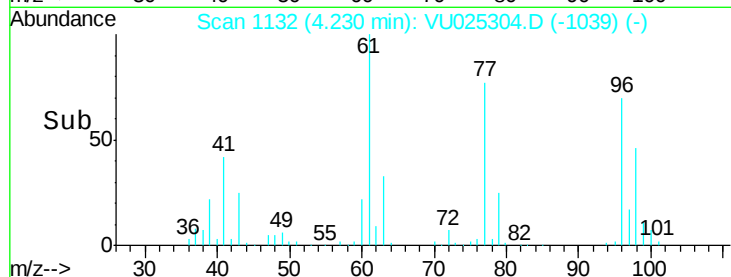
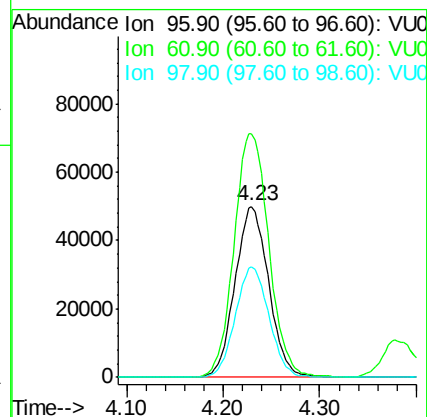
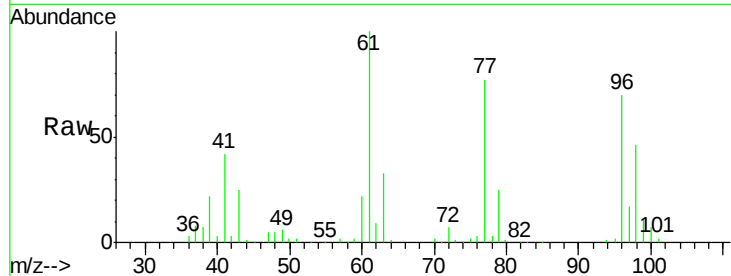




#27
 cis-1,2-Dichloroethene
 Concen: 48.07 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

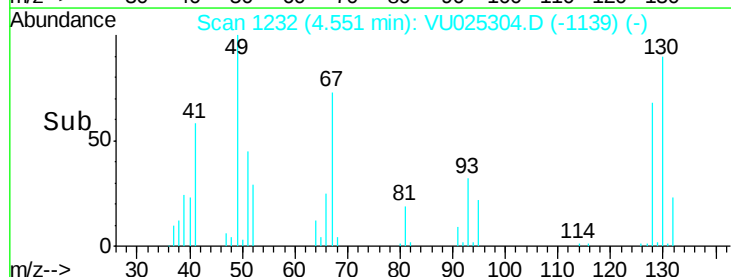
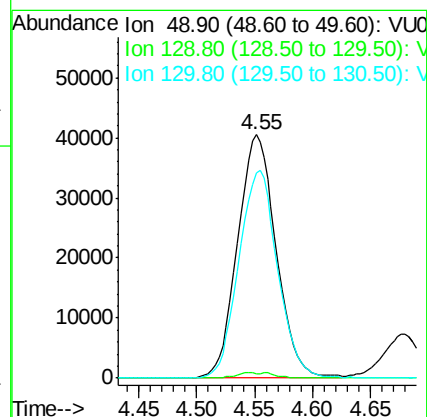
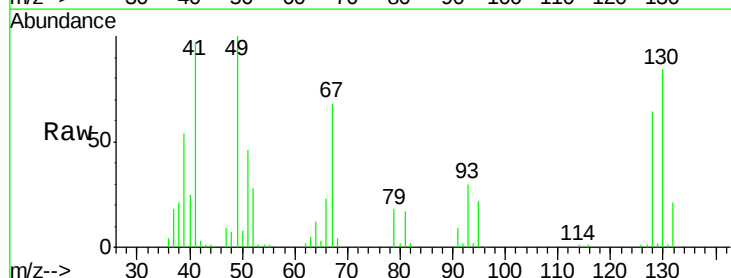
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

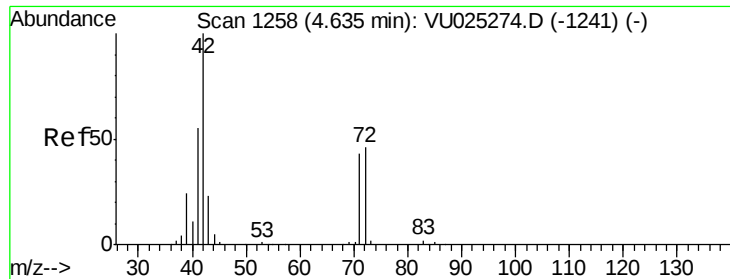
Tot Ion: 96 Resp: 120815
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 299.8
 98 64.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 48.75 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Tgt Ion: 49 Resp: 93458
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.6
 130 86.1 68.6 102.8

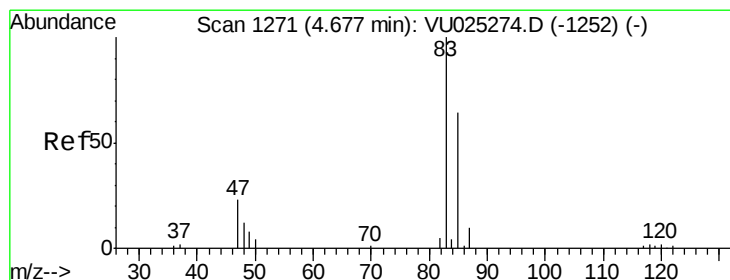
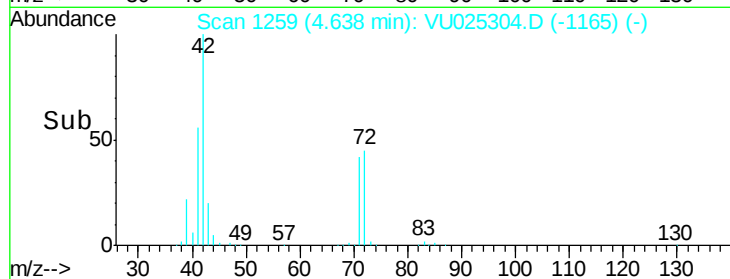
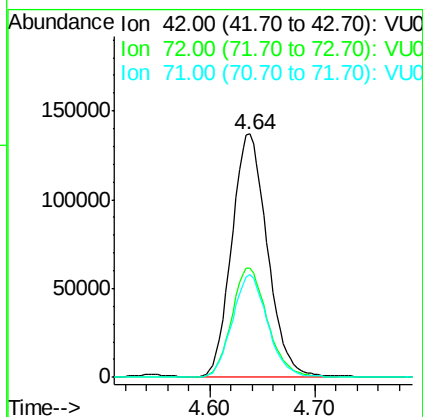
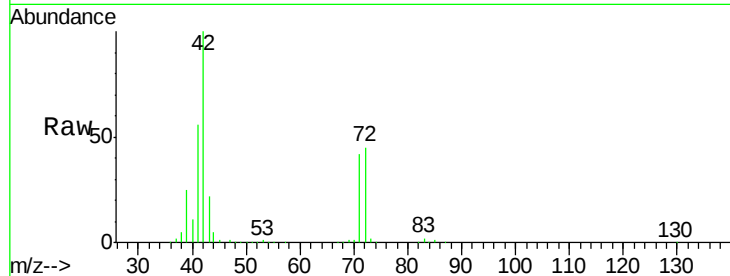




#29
Tetrahydrofuran
Concen: 264.25 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

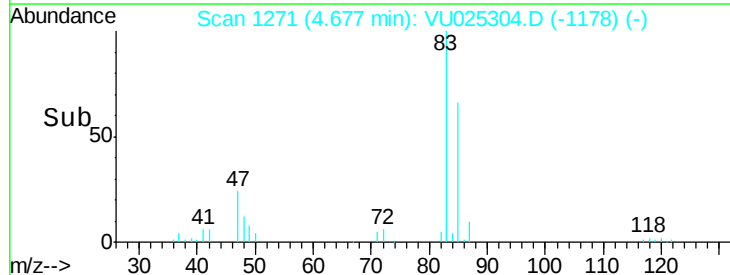
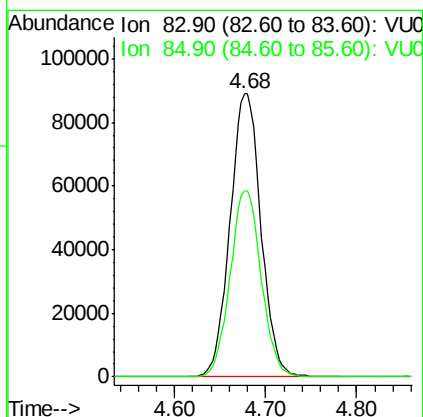
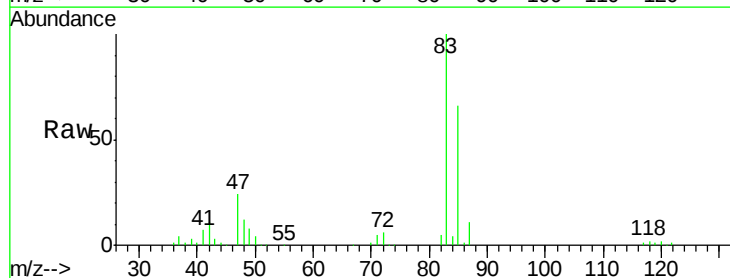
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

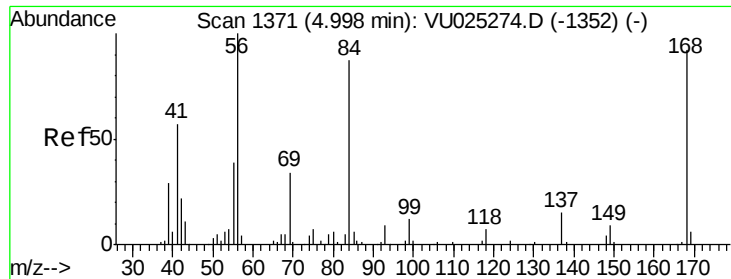
Tot Ion: 42 Resp: 320036
Ion Ratio Lower Upper
42 100
72 45.5 36.7 55.1
71 42.1 33.9 50.9



#30
Chloroform
Concen: 49.89 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion: 83 Resp: 209745
Ion Ratio Lower Upper
83 100
85 65.9 51.5 77.3

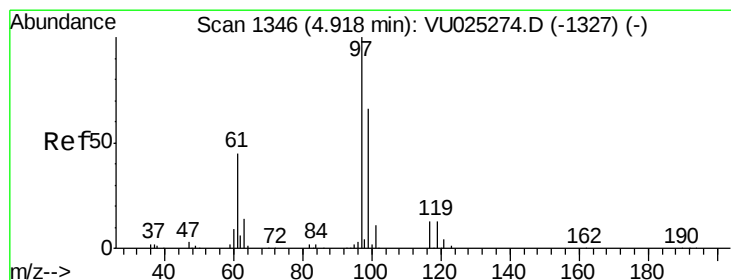
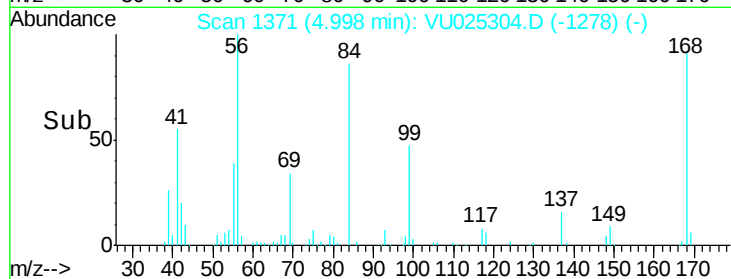
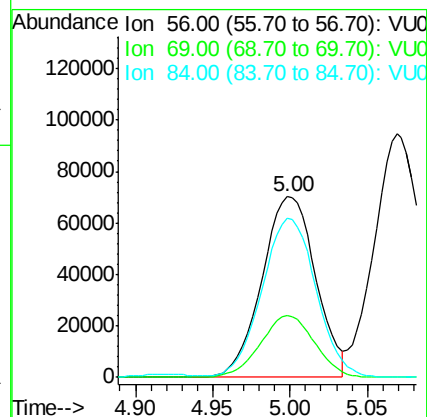
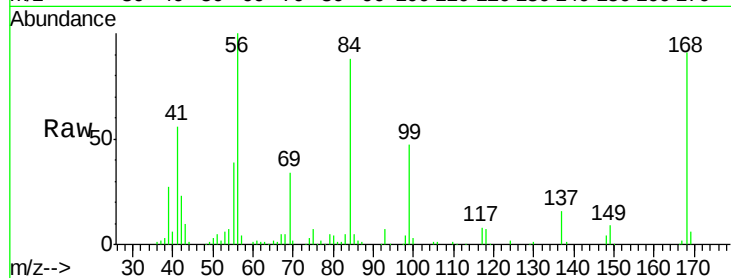




#31
Cyclohexane
Concen: 46.24 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

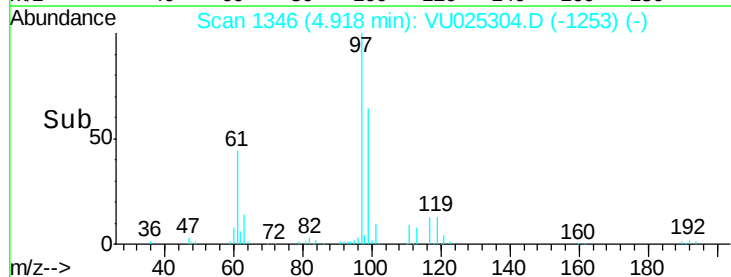
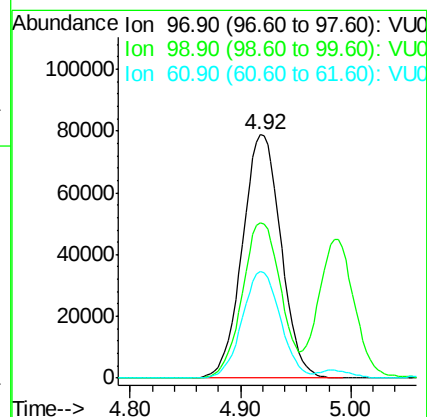
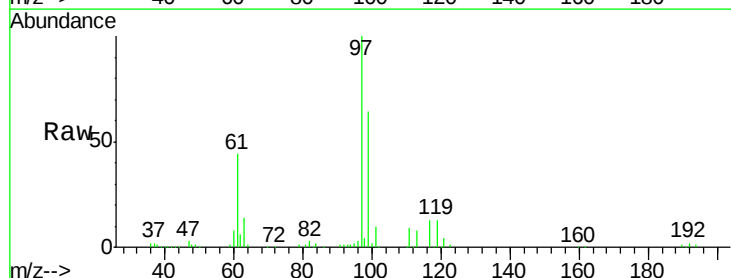
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

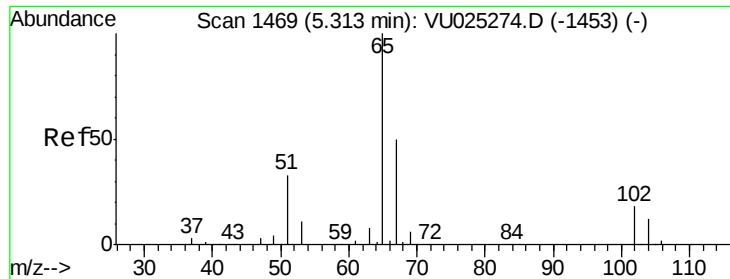
Tot Ion: 56 Resp: 169939
Ion Ratio Lower Upper
56 100
69 34.0 26.8 40.2
84 87.1 69.7 104.5



#32
1,1,1-Trichloroethane
Concen: 50.10 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion: 97 Resp: 190915
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 43.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.37 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

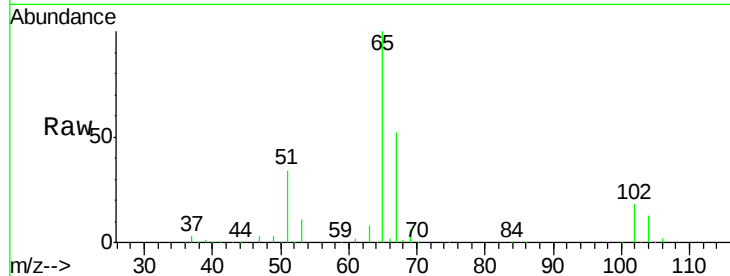
VSTDCCC050EC

Tot Ion: 65 Resp: 129258

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025274.D (-1453) (-)

Ion 66.90 (66.60 to 67.60): VU025274.D (-1453) (-)

5.31

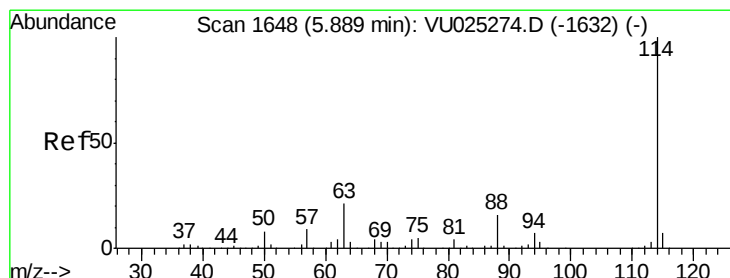
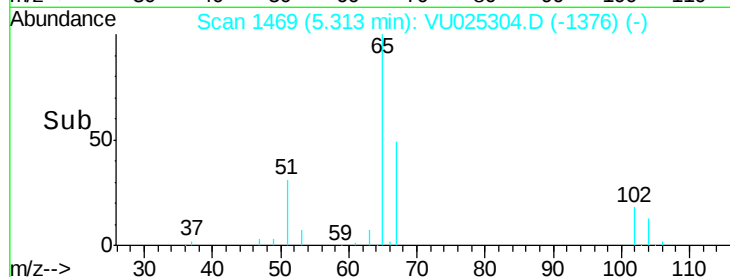
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

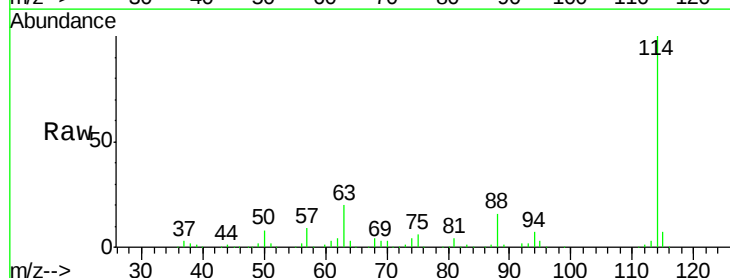
Tgt Ion: 114 Resp: 283504

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 16.1 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): VU025274.D (-1632) (-)

Ion 63.00 (62.70 to 63.70): VU025274.D (-1632) (-)

Ion 87.90 (87.60 to 88.60): VU025274.D (-1632) (-)

5.89

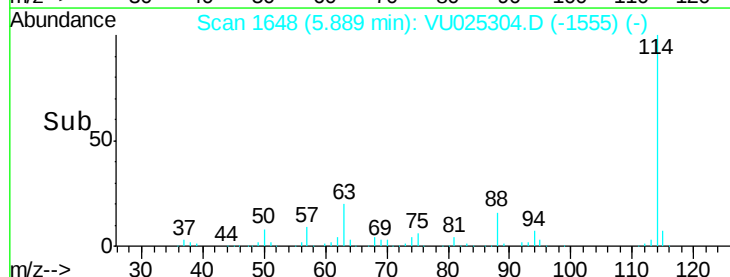
150000

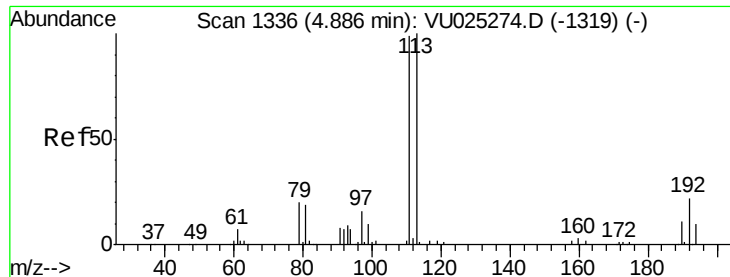
100000

50000

0

Time-->

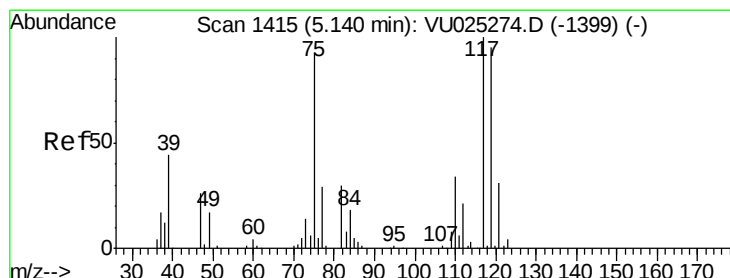
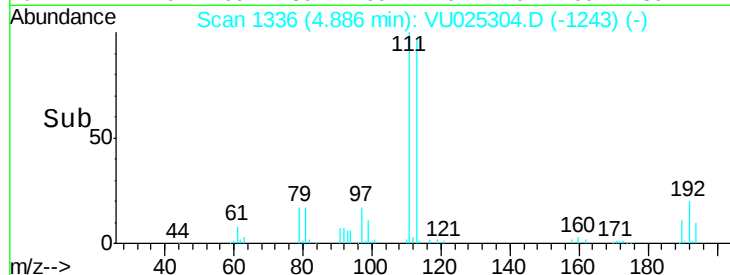
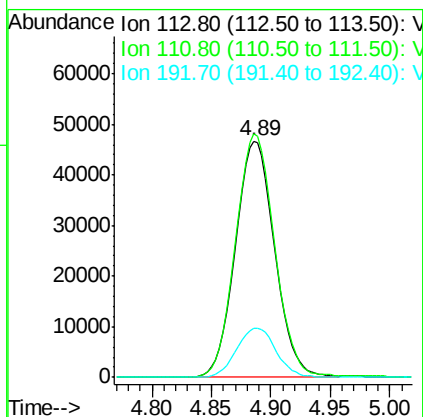
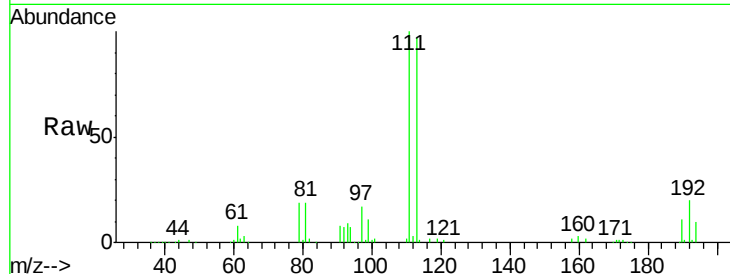




#35
 Dibromofluoromethane
 Concen: 44.56 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

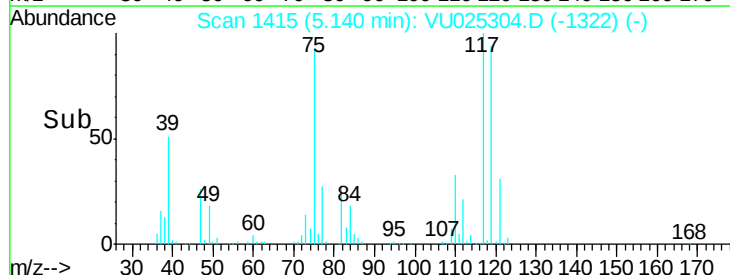
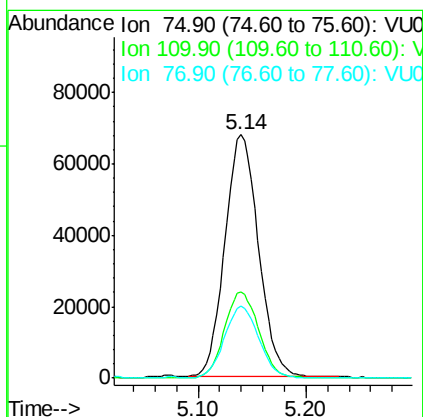
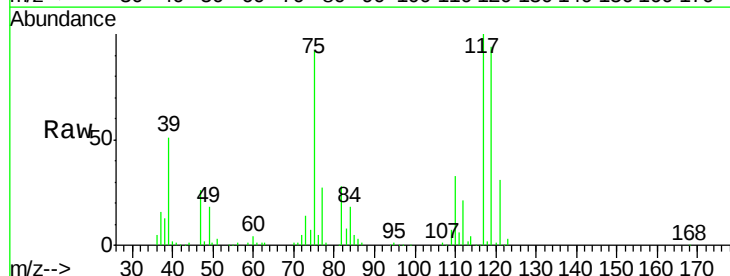
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

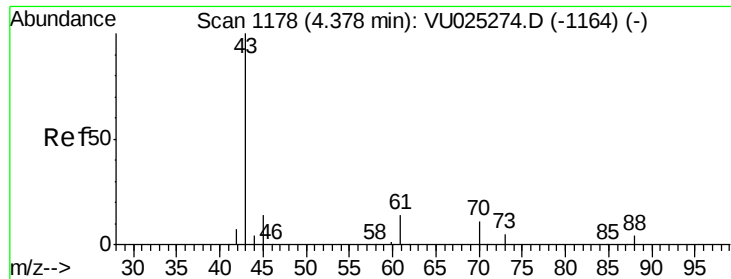
Tot Ion:113 Resp: 106576
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.7 122.5
 192 21.0 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 46.77 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Tgt Ion: 75 Resp: 147422
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.6 52.9
 77 29.7 24.4 36.6

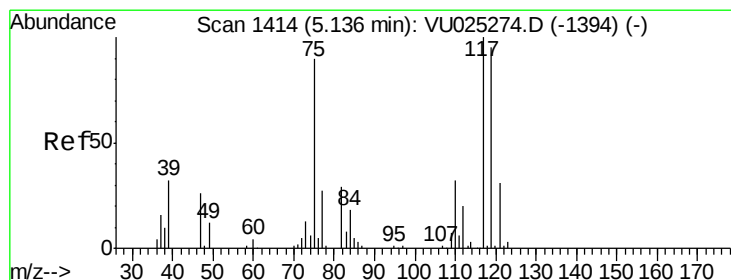
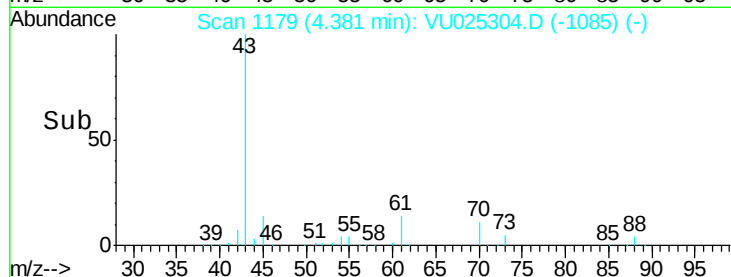
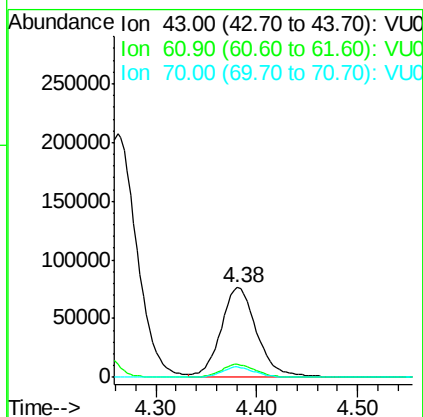
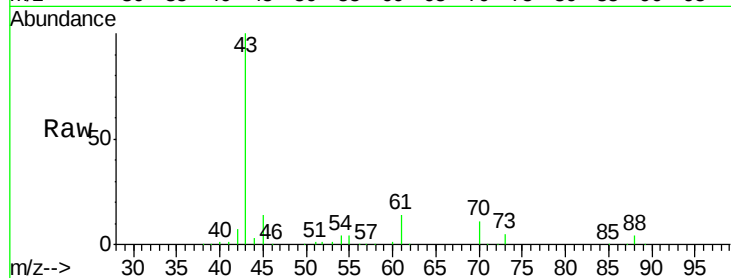




#37
Ethyl Acetate
Concen: 52.96 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

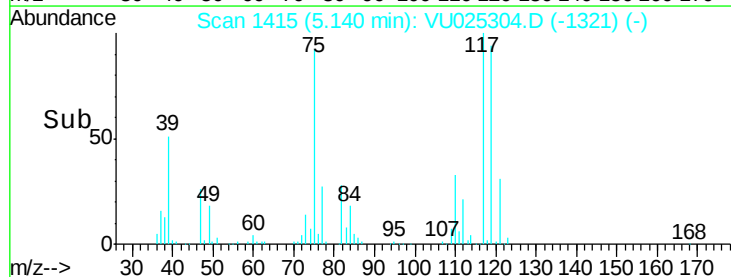
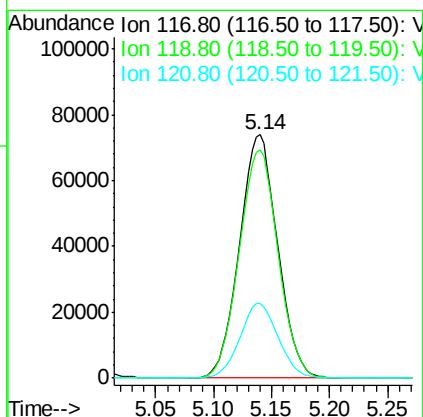
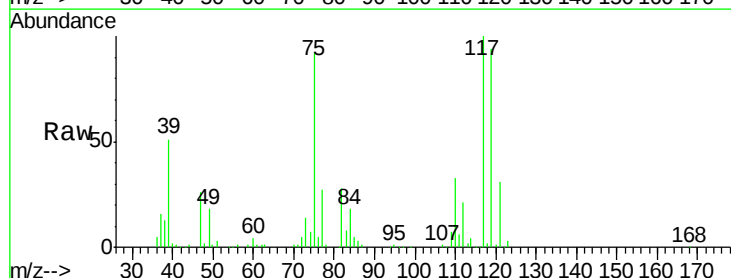
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

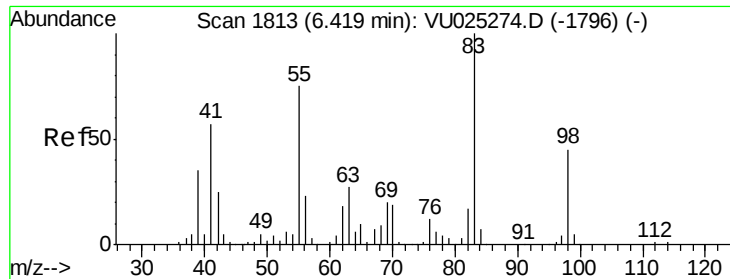
Tot Ion: 43 Resp: 186158
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 10.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 49.81 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion: 117 Resp: 168962
Ion Ratio Lower Upper
117 100
119 93.6 75.7 113.5
121 30.5 24.6 36.8

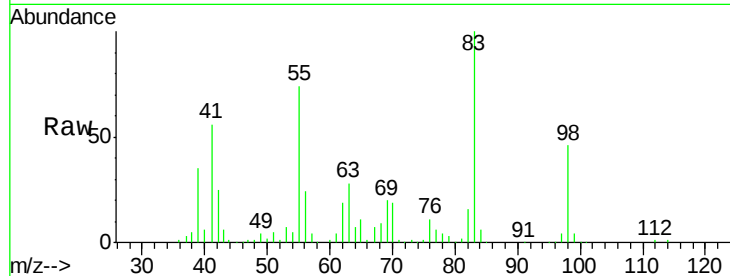




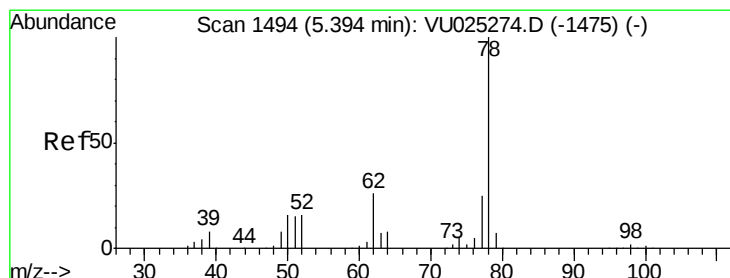
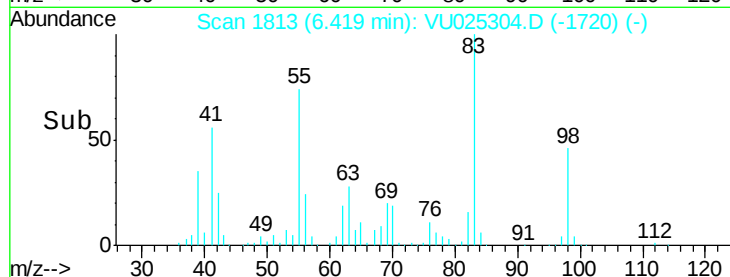
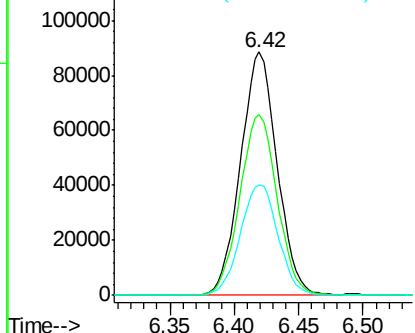
#39
Methvlcvclohexane
Concen: 44.52 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 175033
Ion Ratio Lower Upper
83 100
55 74.2 60.0 90.0
98 45.6 36.1 54.1

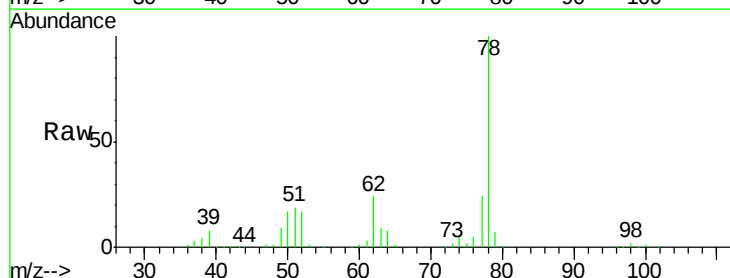


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

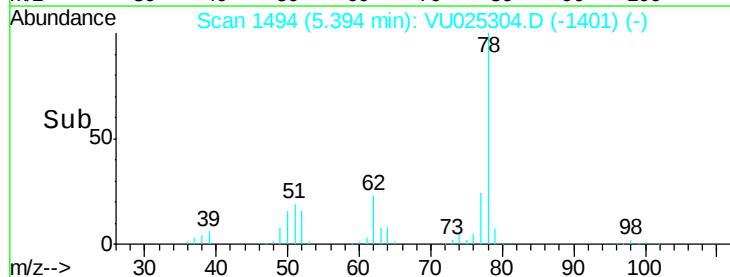
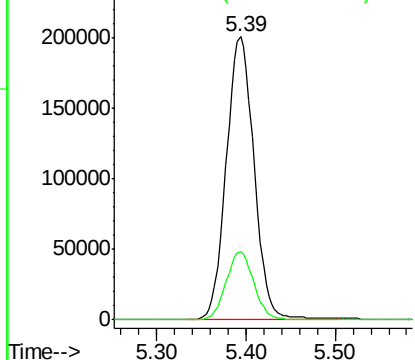


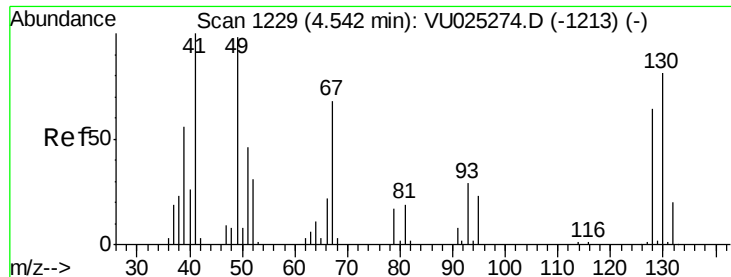
#40
Benzene
Concen: 47.85 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion: 78 Resp: 434659
Ion Ratio Lower Upper
78 100
77 24.0 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

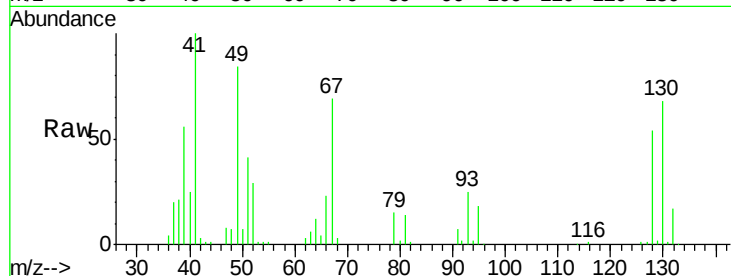




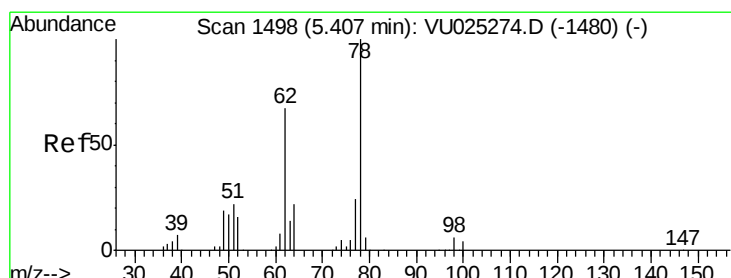
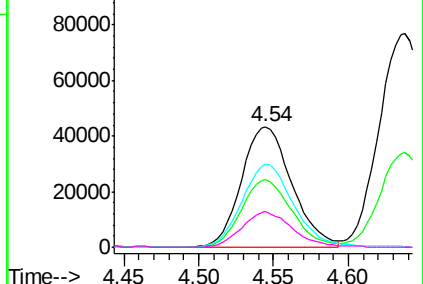
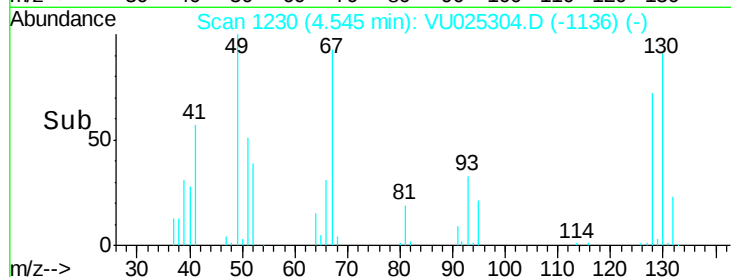
#41
Methacrylonitrile
Concen: 52.33 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 101978
Ion Ratio Lower Upper
41 100
39 55.2 44.4 66.6
67 70.1 56.0 84.0
52 29.9 24.6 36.8

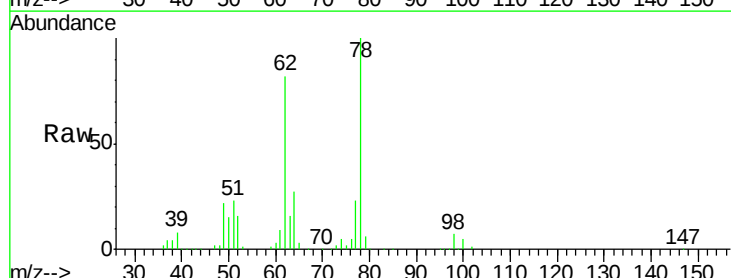


Abundance Ion 41.00 (40.70 to 41.70): VU0
120000
Ion 39.00 (38.70 to 39.70): VU0
100000
Ion 67.00 (66.70 to 67.70): VU0
80000
Ion 52.00 (51.70 to 52.70): VU0
60000
40000
20000
0

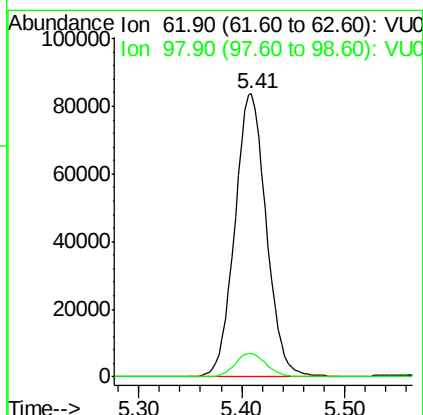
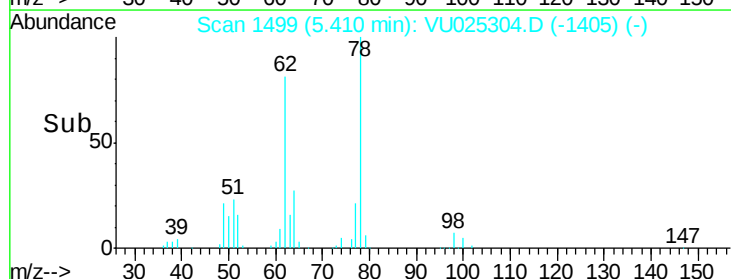


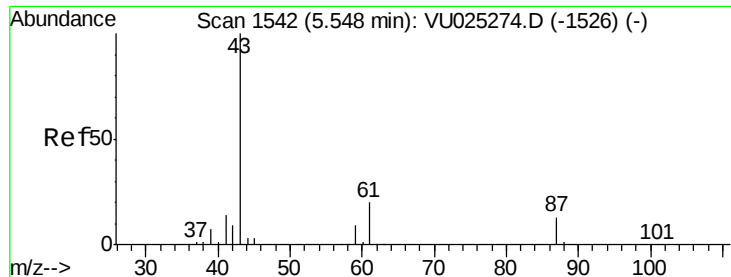
#42
1,2-Dichloroethane
Concen: 49.32 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion: 62 Resp: 178070
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VU0
100000
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 51.51 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

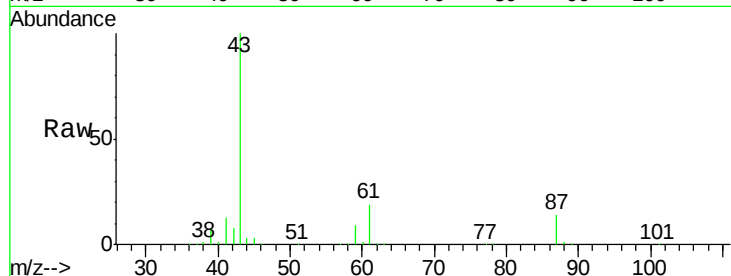
Tot Ion: 43 Resp: 289945

Ion Ratio Lower Upper

43 100

61 19.4 15.5 23.3

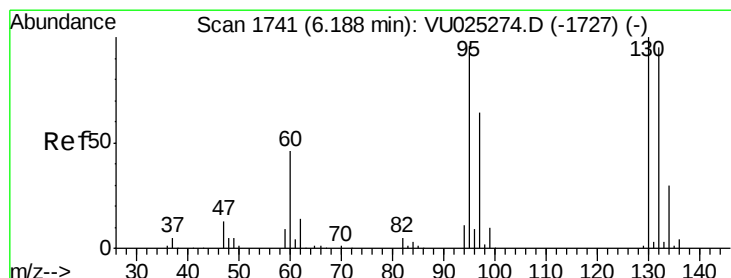
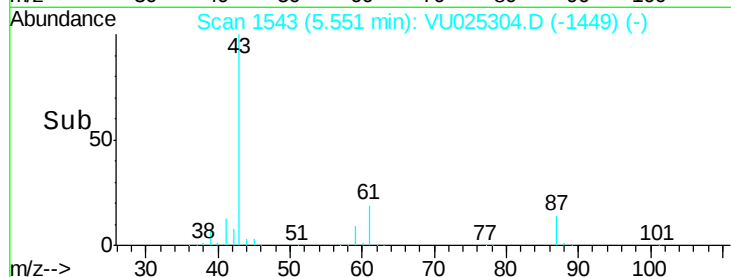
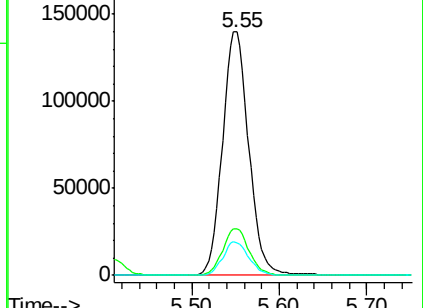
87 13.7 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-1526) (-)

Ion 61.00 (60.70 to 61.70): VU025274.D (-1526) (-)

Ion 87.00 (86.70 to 87.70): VU025274.D (-1526) (-)



#44

Trichloroethene

Concen: 47.52 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025304.D

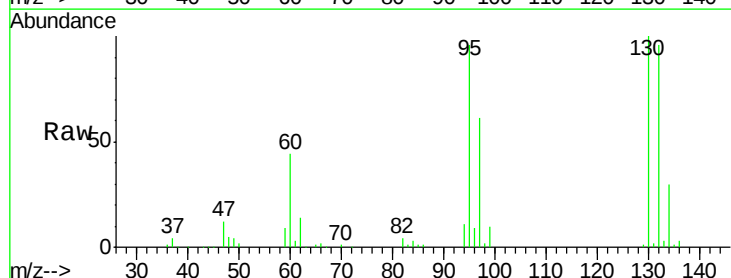
Acq: 10 Jul 2018 21:22

Tgt Ion: 130 Resp: 123935

Ion Ratio Lower Upper

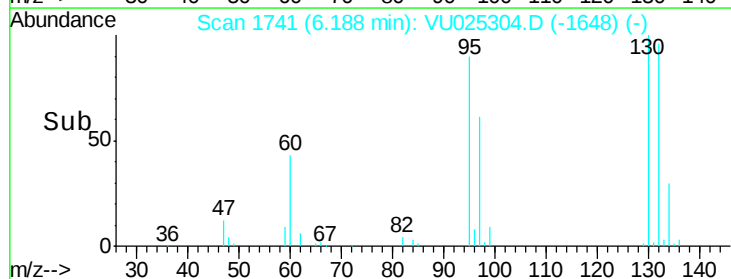
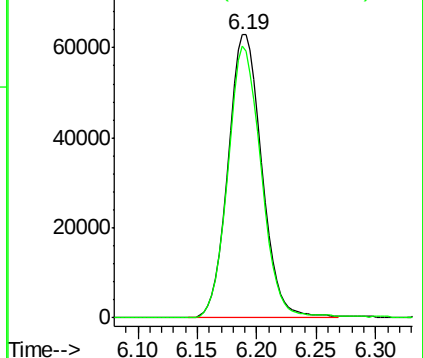
130 100

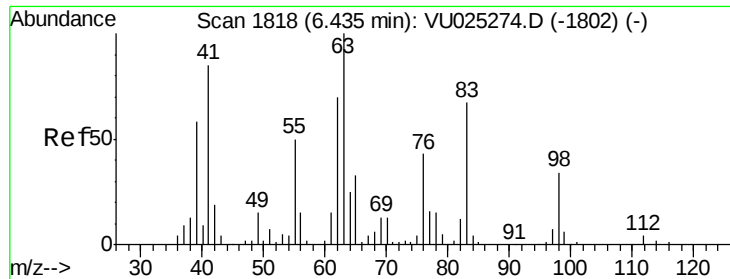
95 96.3 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025274.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU025274.D (-1727) (-)





#45

1,2-Dichloropropane

Concen: 49.38 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

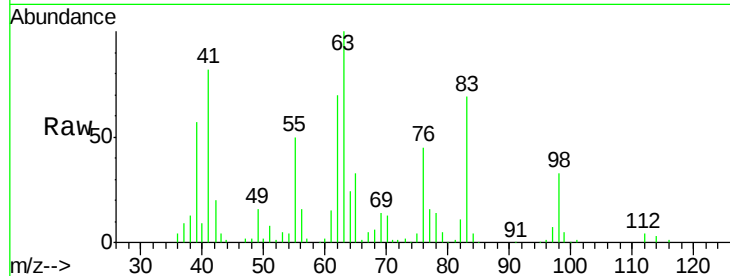
VSTDCCC050EC

Tot Ion: 63 Resp: 117485

Ion Ratio Lower Upper

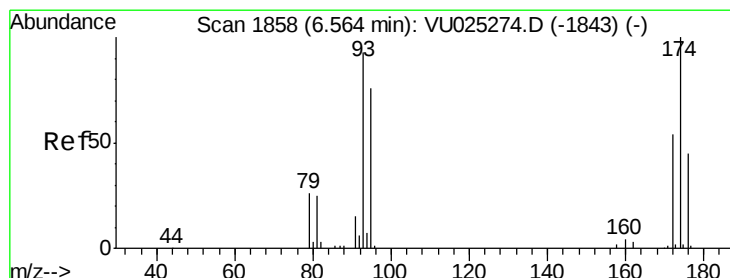
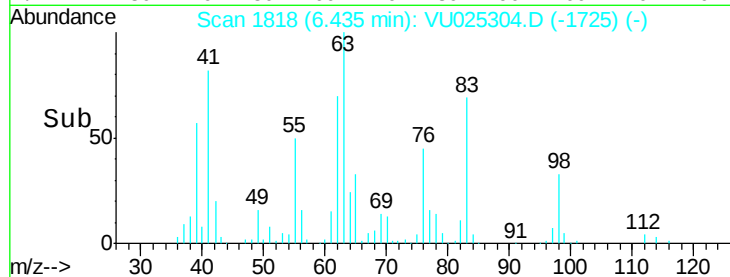
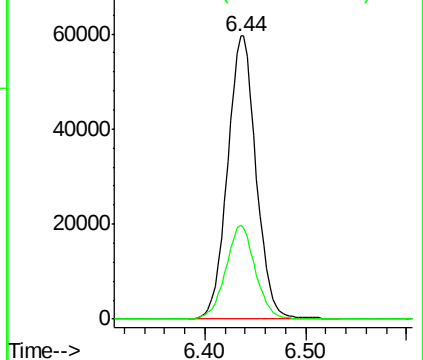
63 100

65 33.2 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 48.41 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

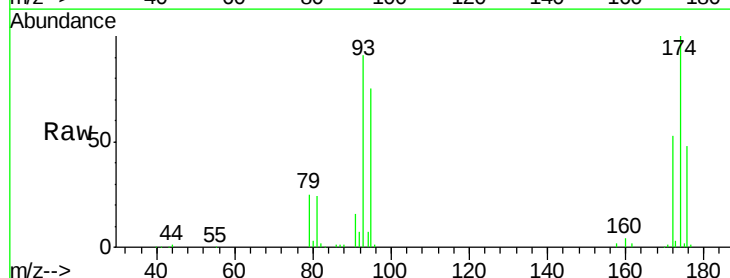
Tgt Ion: 93 Resp: 83817

Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

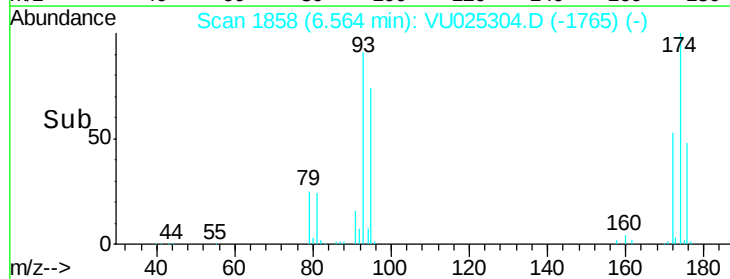
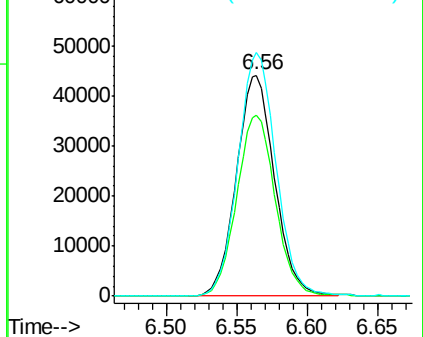
174 110.3 85.8 128.8

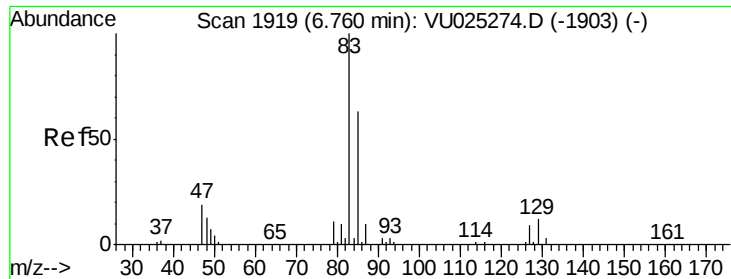


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.02 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

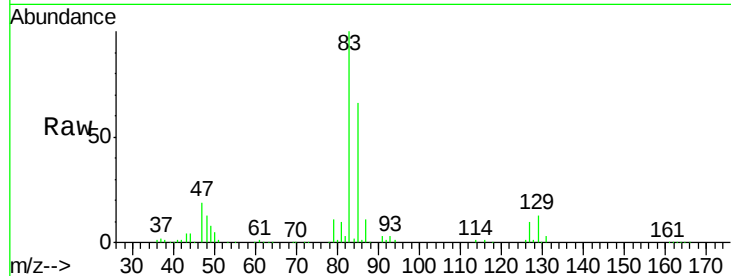
Tot Ion: 83 Resp: 160876

Ion Ratio Lower Upper

83 100

85 65.6 50.2 75.4

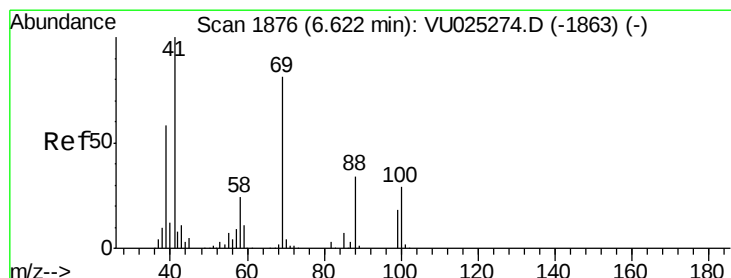
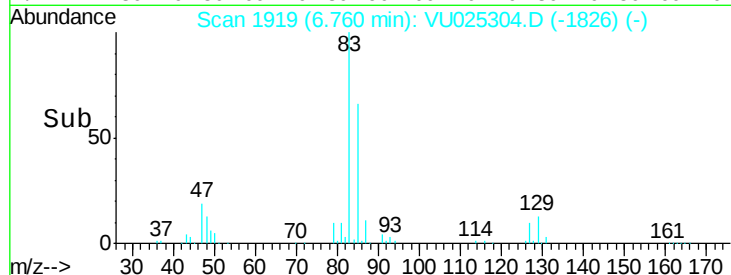
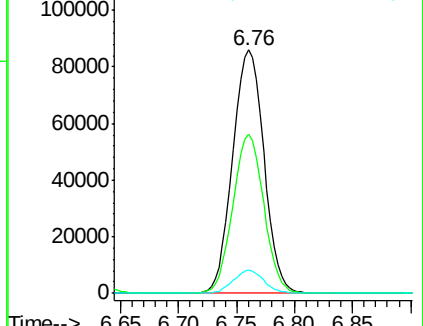
127 9.5 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU025304.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU025304.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU025304.D (-1826) (-)



#48

Methyl methacrylate

Concen: 51.80 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

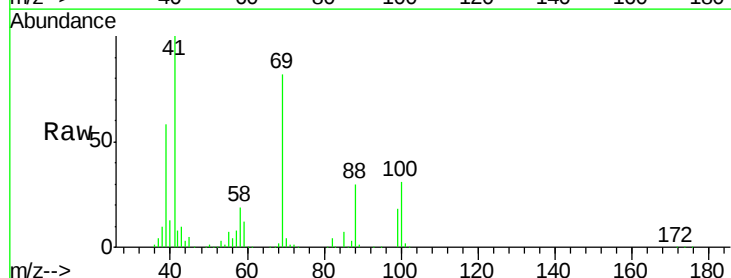
Tgt Ion: 41 Resp: 145361

Ion Ratio Lower Upper

41 100

69 83.1 65.0 97.4

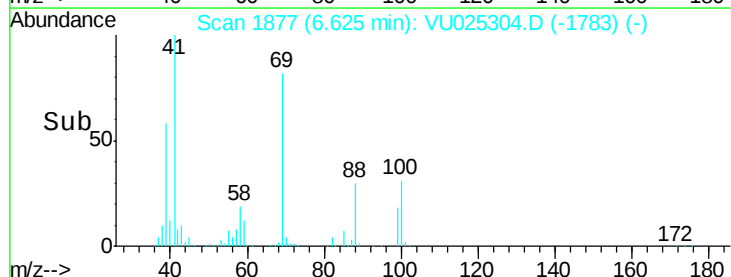
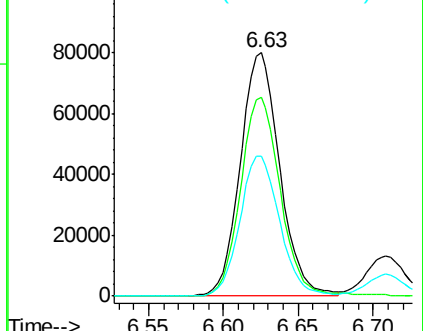
39 58.6 46.4 69.6

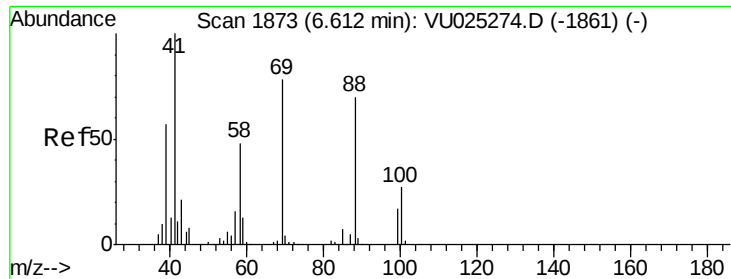


Abundance Ion 41.00 (40.70 to 41.70): VU025304.D (-1783) (-)

Ion 69.00 (68.70 to 69.70): VU025304.D (-1783) (-)

Ion 39.00 (38.70 to 39.70): VU025304.D (-1783) (-)

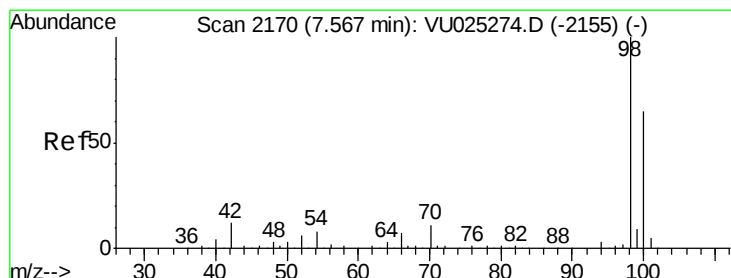
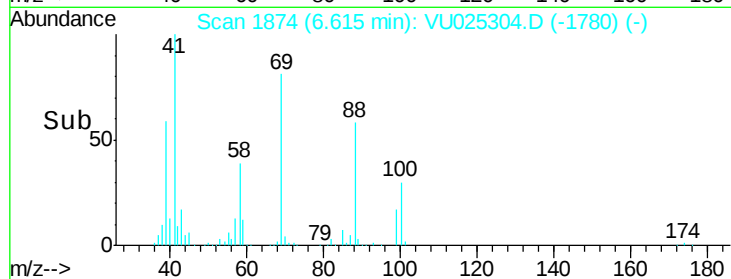
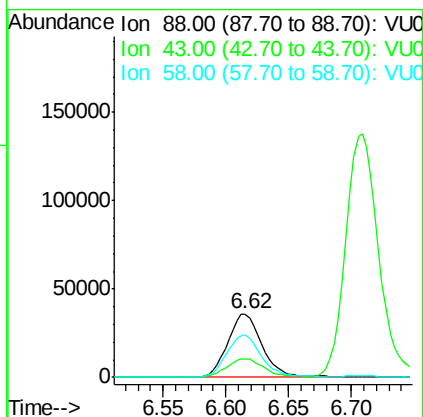
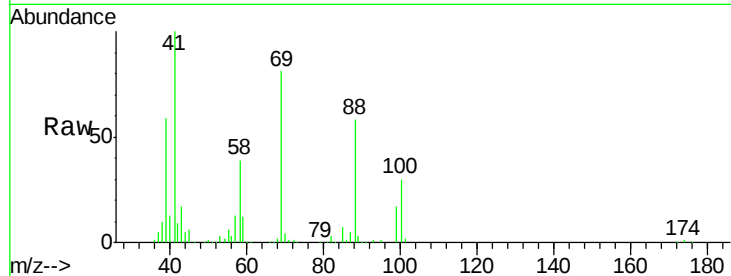




#49
1,4-Dioxane
Concen: 999.52 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

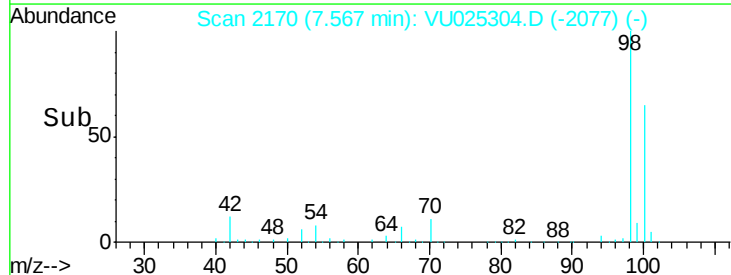
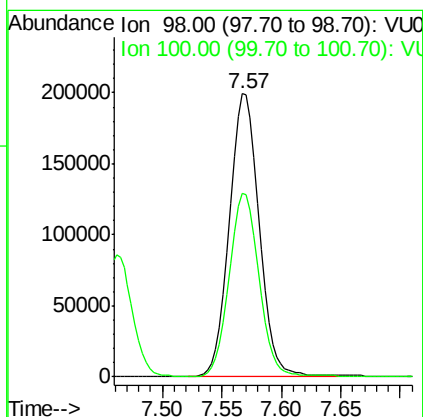
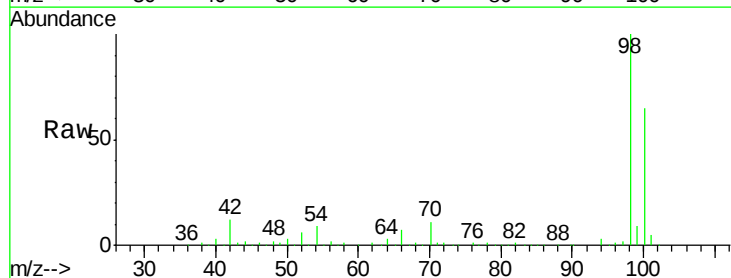
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

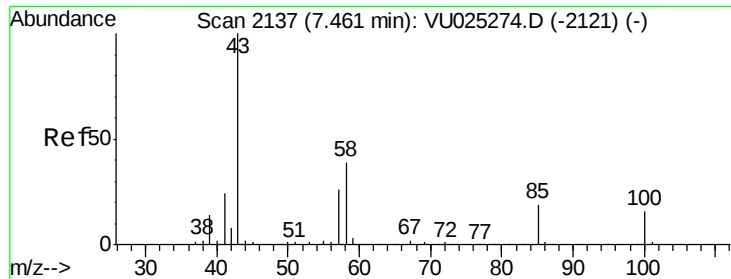
Tot Ion: 88 Resp: 67489
Ion Ratio Lower Upper
88 100
43 31.6 27.3 40.9
58 69.0 57.6 86.4



#50
Toluene-d8
Concen: 42.55 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion: 98 Resp: 348435
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 261.86 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

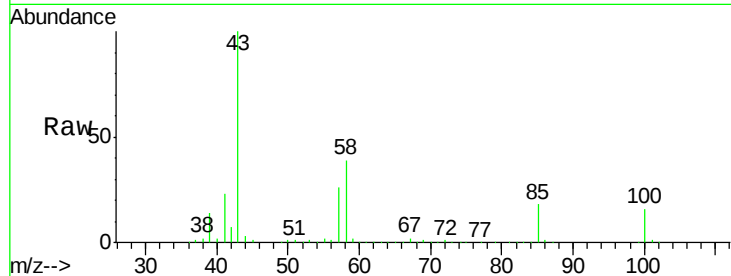
VSTDCCC050EC

Tot Ion: 43 Resp: 958019

Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

600000

500000

400000

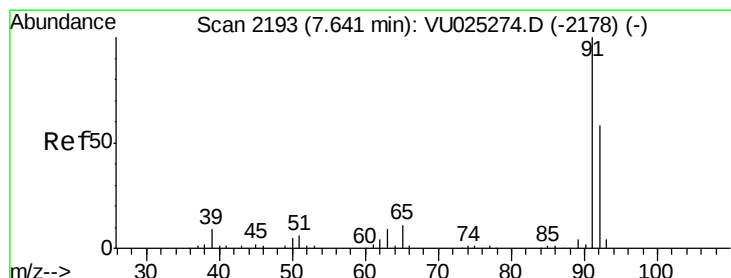
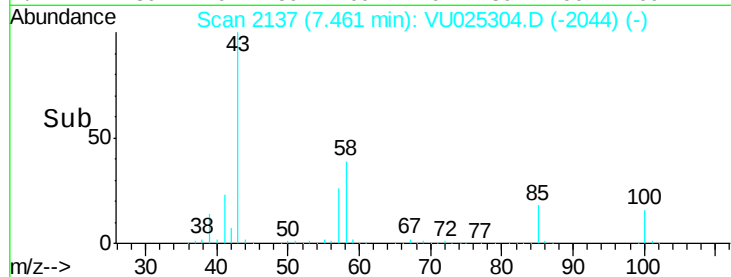
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.89 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025304.D

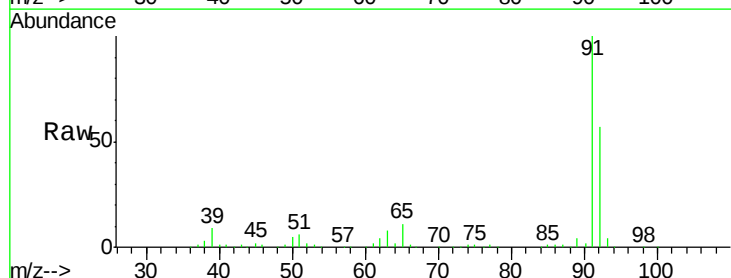
Acq: 10 Jul 2018 21:22

Tgt Ion: 92 Resp: 282524

Ion Ratio Lower Upper

92 100

91 173.8 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

300000

250000

200000

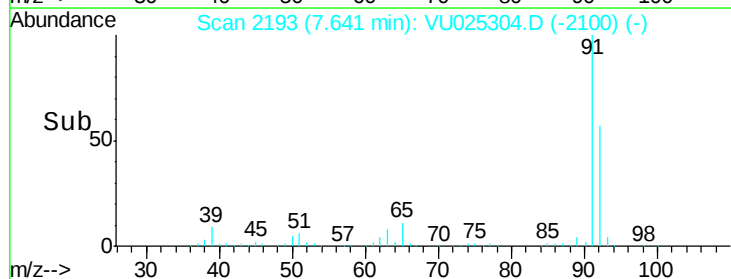
150000

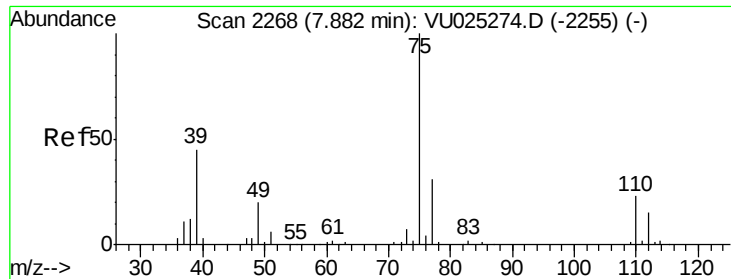
100000

50000

0

Time-->

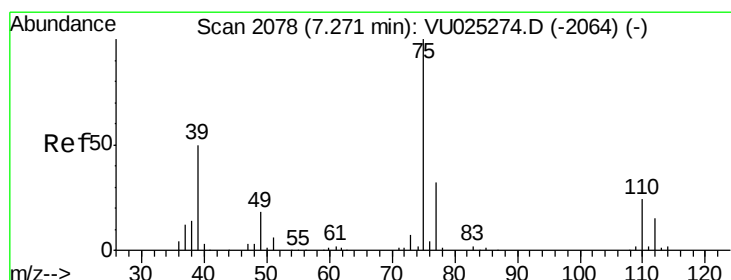
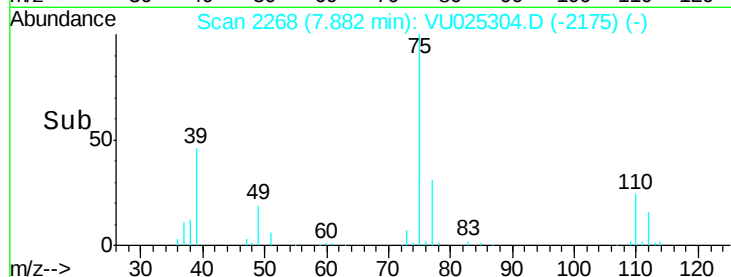
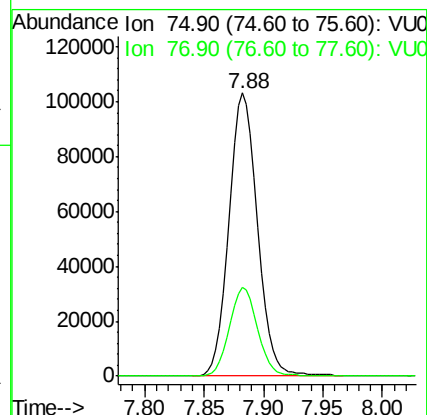
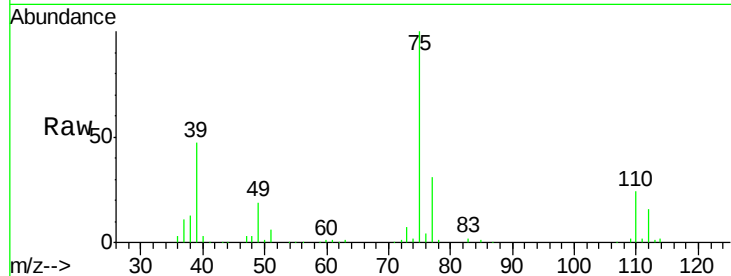




#53
t-1,3-Dichloropropene
Concen: 48.59 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

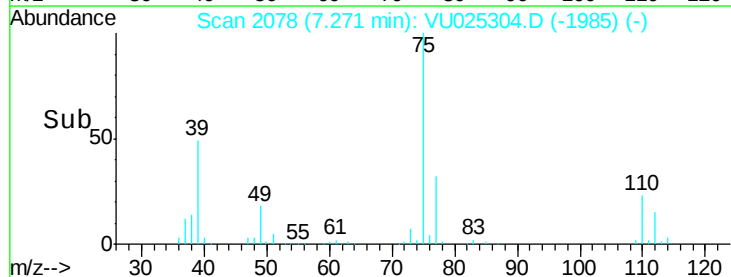
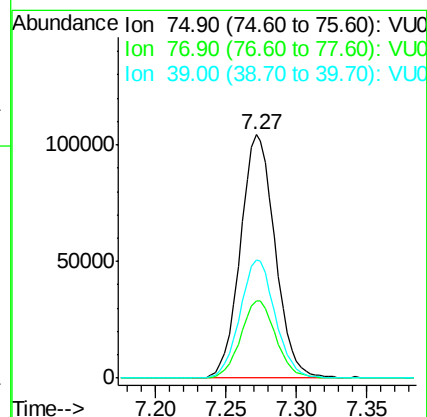
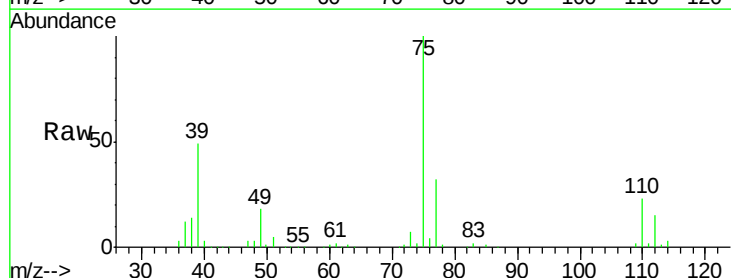
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

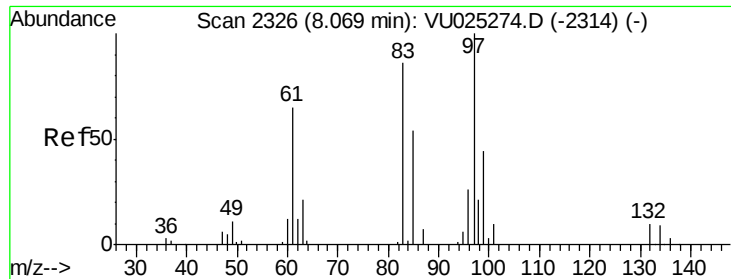
Tot Ion: 75 Resp: 171710
Ion Ratio Lower Upper
75 100
77 31.3 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 47.89 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion: 75 Resp: 180109
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 48.5 40.0 60.0

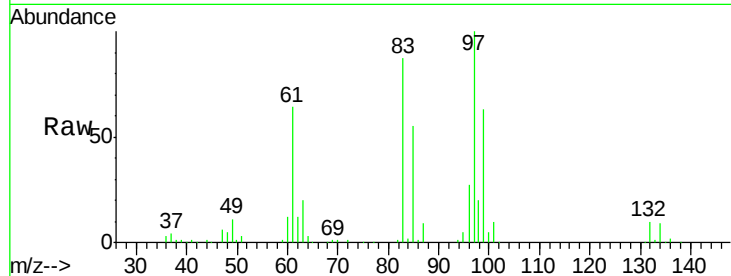




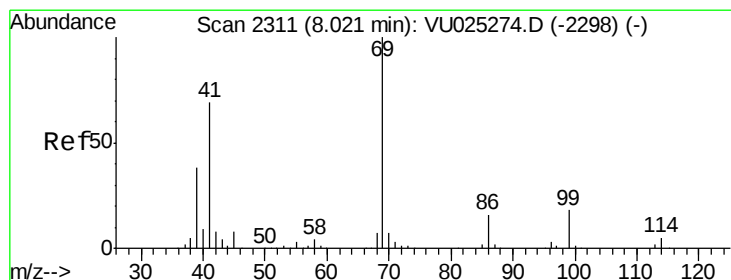
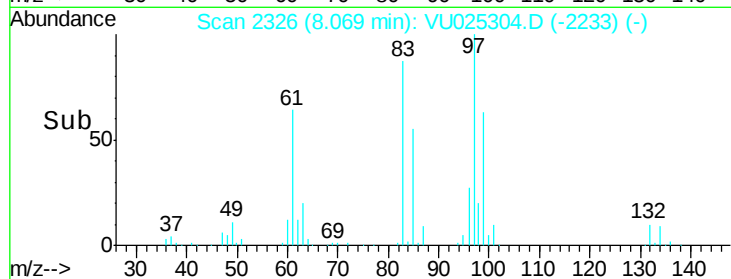
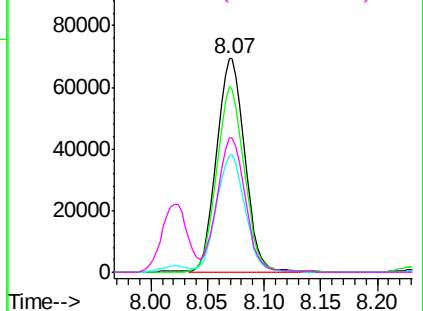
#55
 1,1,2-Trichloroethane
 Concen: 49.72 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	119668
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.9	103.3
85	54.8	44.4	66.6
99	62.8	51.0	76.4

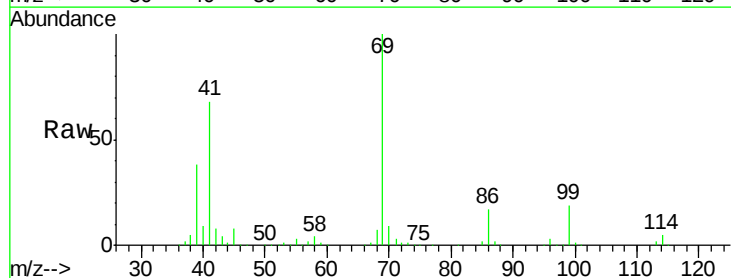


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

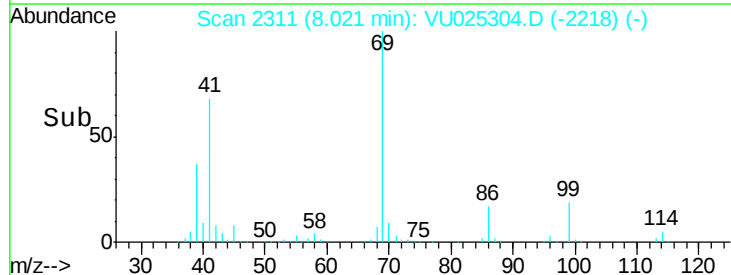
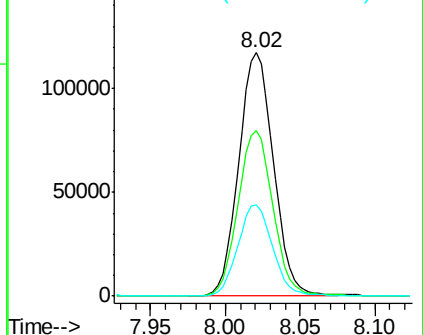


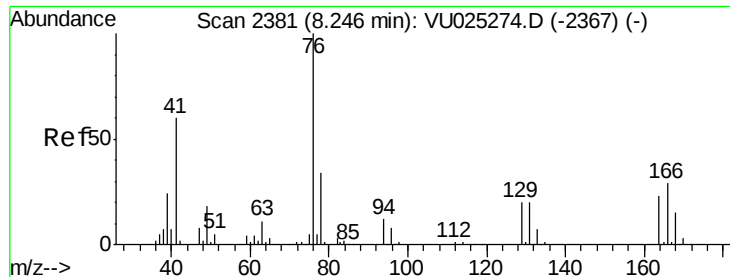
#56
 Ethyl methacrylate
 Concen: 50.59 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Tgt Ion:	69	Resp:	190180
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.8	82.2
39	37.0	31.1	46.7



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

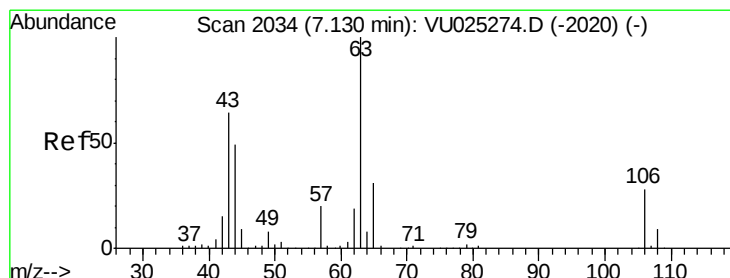
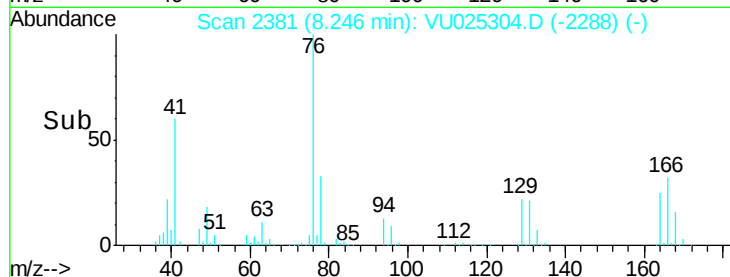
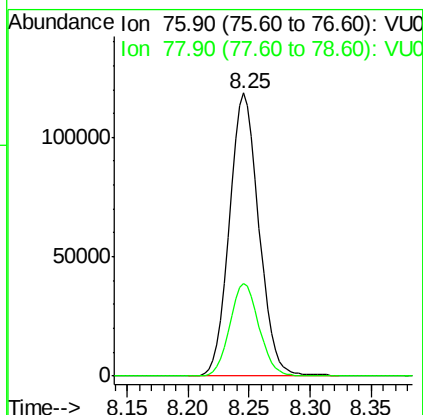
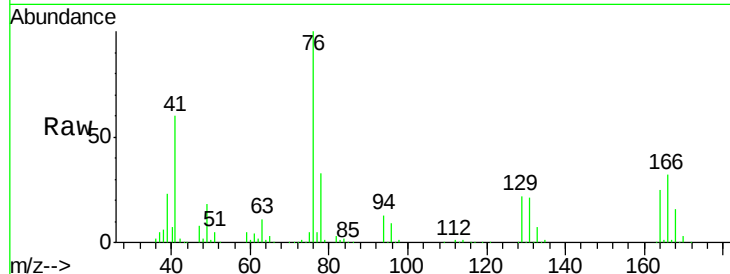




#57
 1,3-Dichloropropane
 Concen: 50.05 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

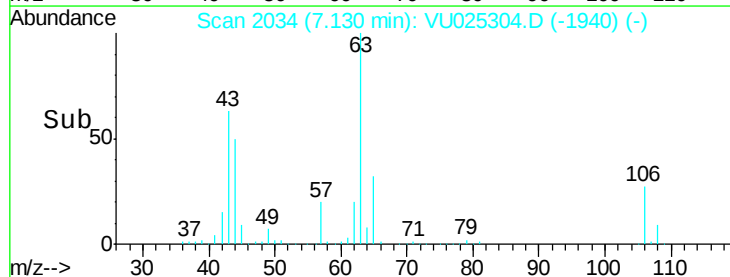
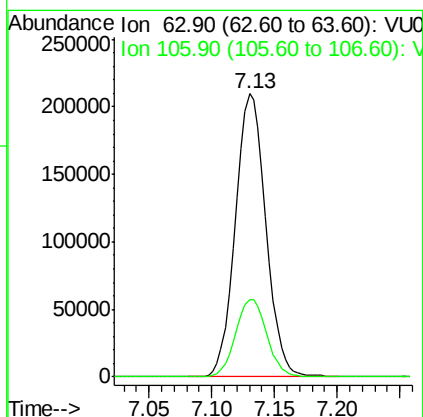
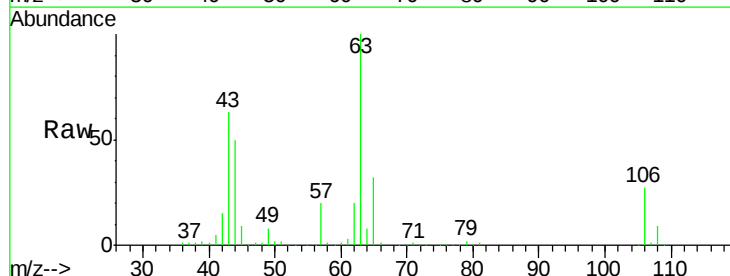
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

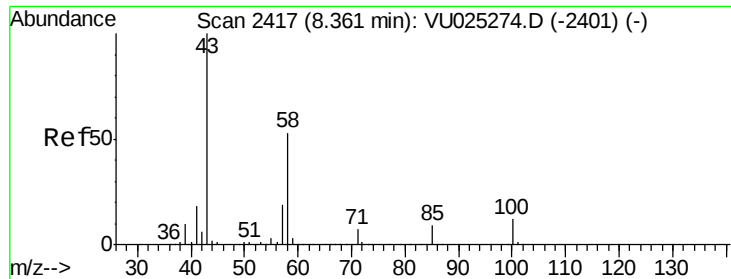
Tot Ion: 76 Resp: 199958
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 211.26 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Tgt Ion: 63 Resp: 354558
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.3 33.5

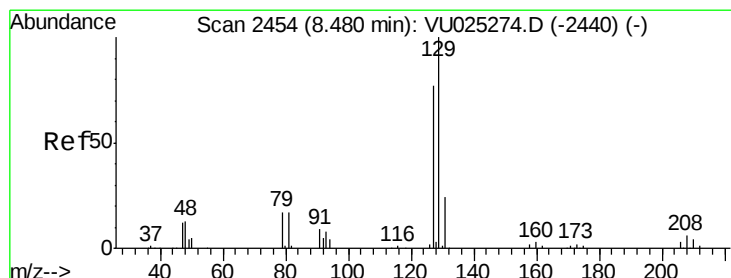
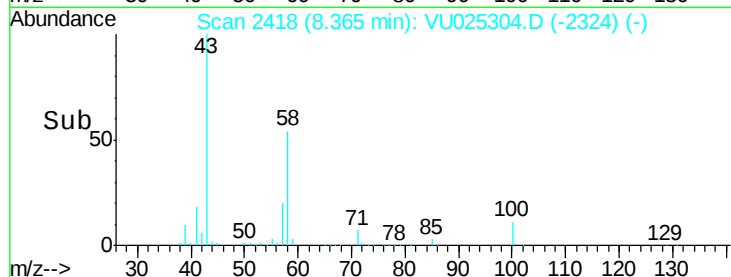
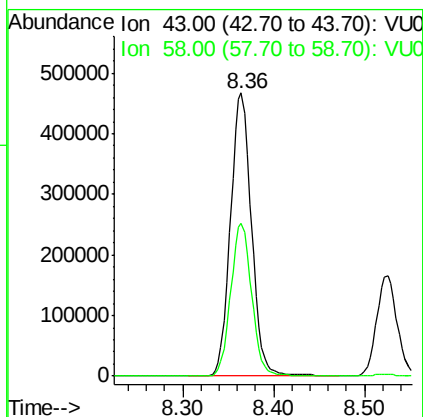
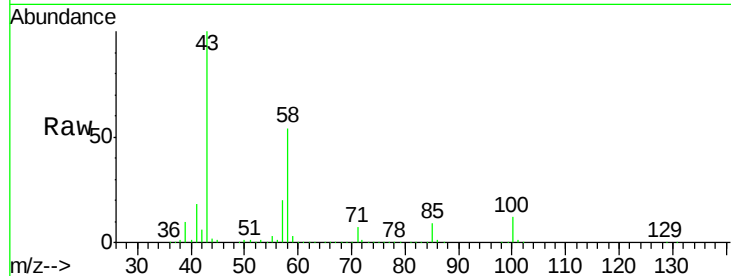




#59
2-Hexanone
Concen: 252.96 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

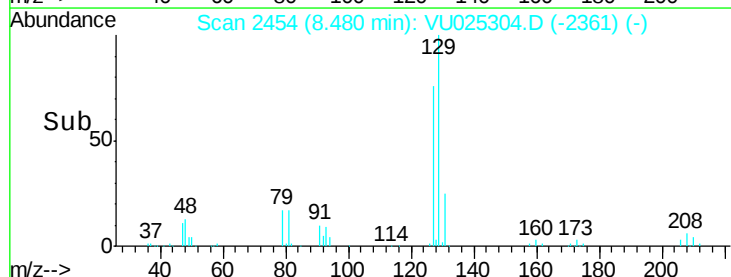
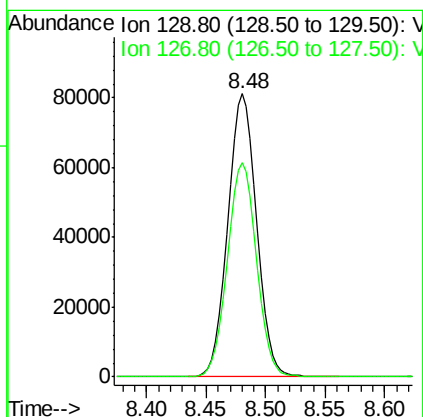
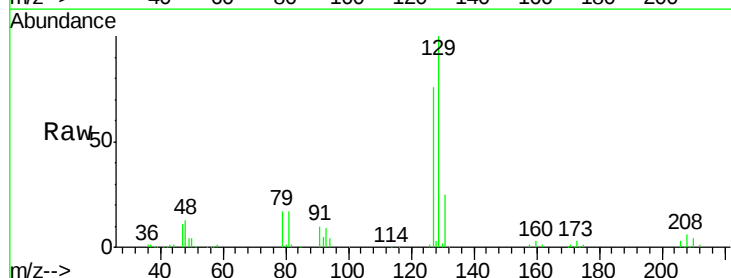
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

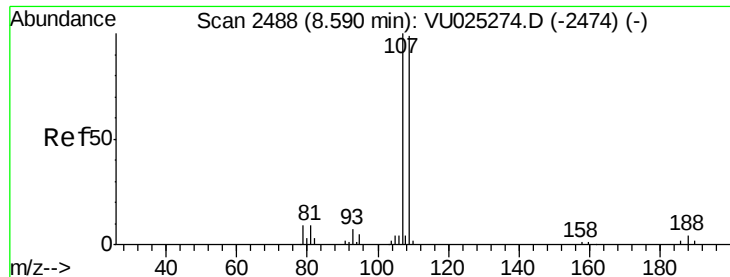
Tot Ion: 43 Resp: 750659
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5



#60
Dibromochloromethane
Concen: 52.26 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion: 129 Resp: 135828
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.09 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

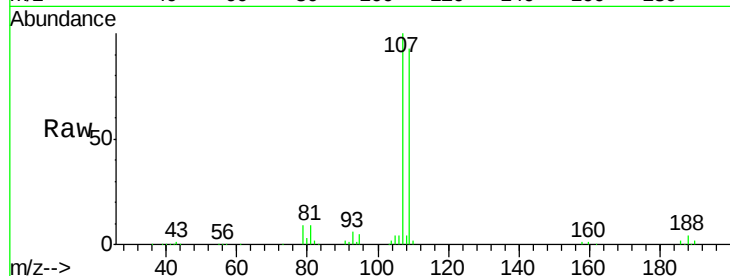
VSTDCCC050EC

Tot Ion:107 Resp: 131574

Ion Ratio Lower Upper

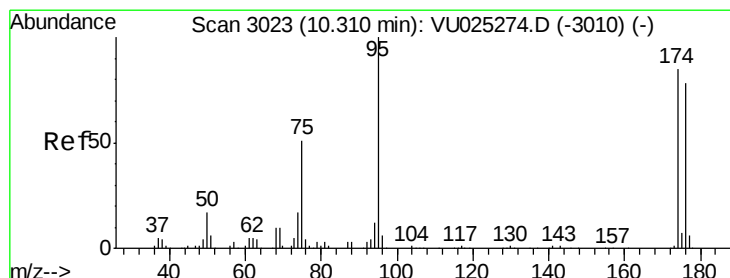
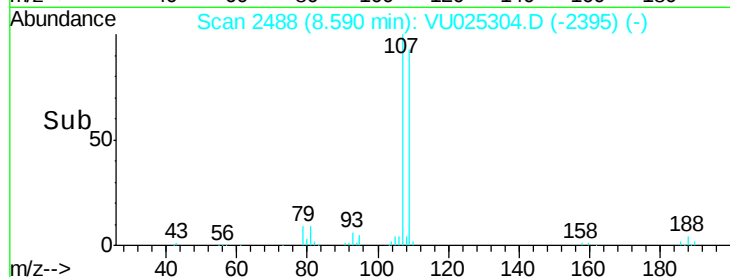
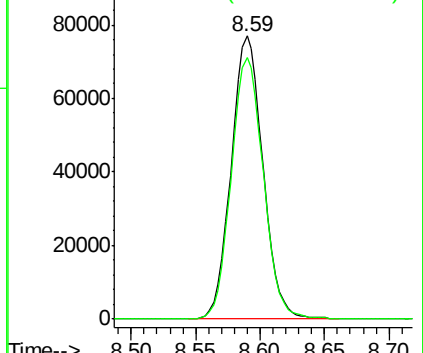
107 100

109 93.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.61 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

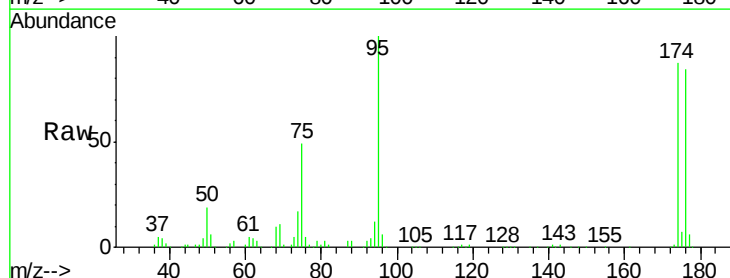
Tgt Ion: 95 Resp: 143793

Ion Ratio Lower Upper

95 100

174 87.5 0.0 172.2

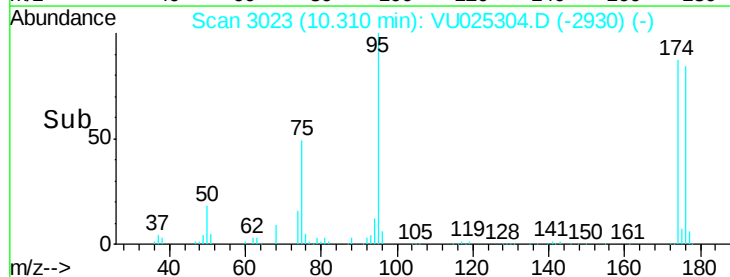
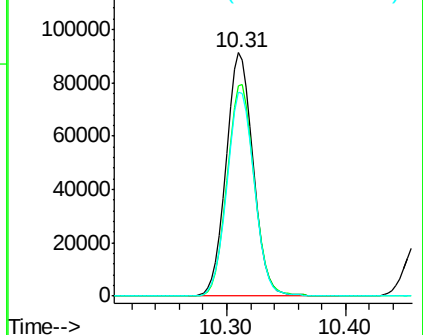
176 85.1 0.0 162.6

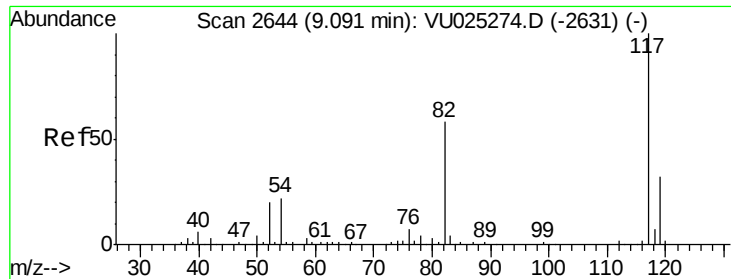


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

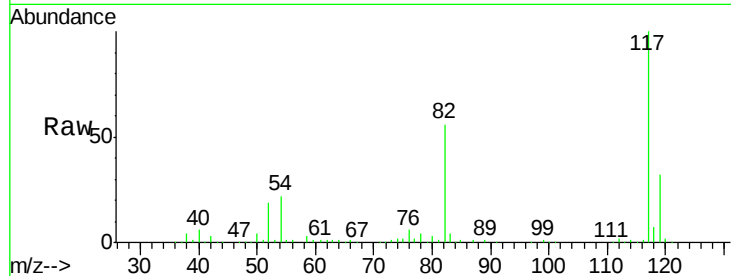




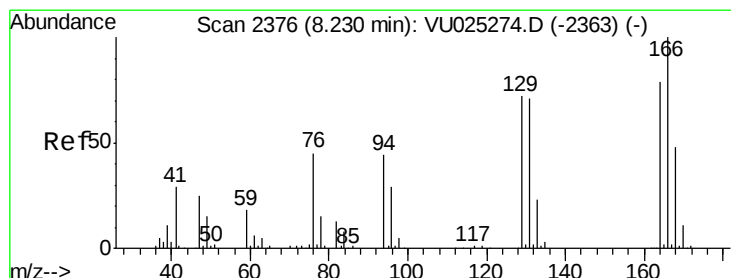
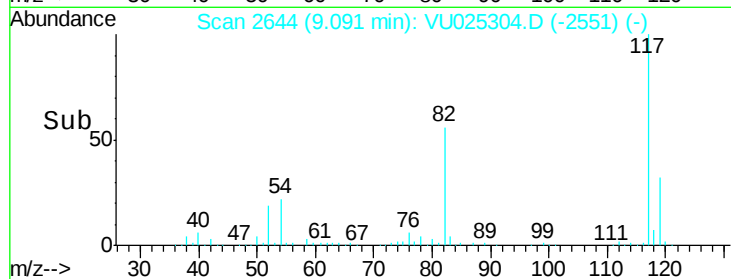
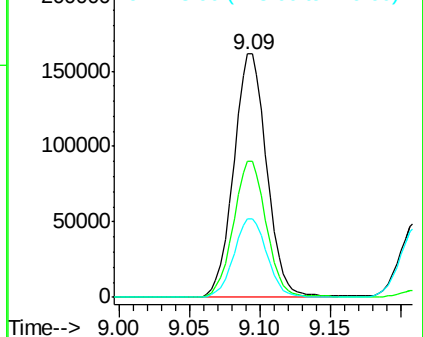
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 265221
Ion Ratio Lower Upper
117 100
82 56.1 46.0 69.0
119 32.4 26.0 39.0

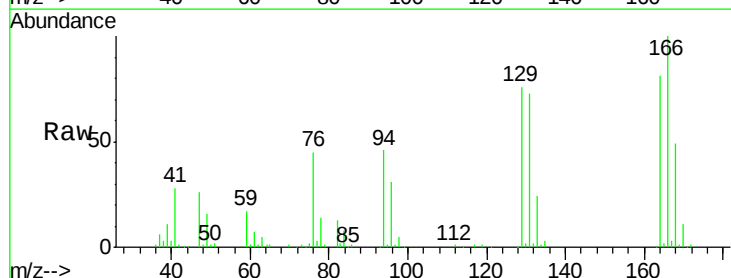


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

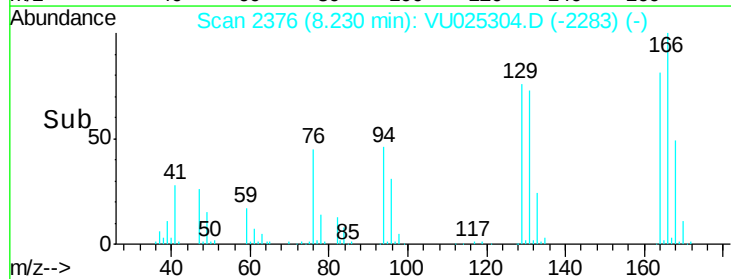
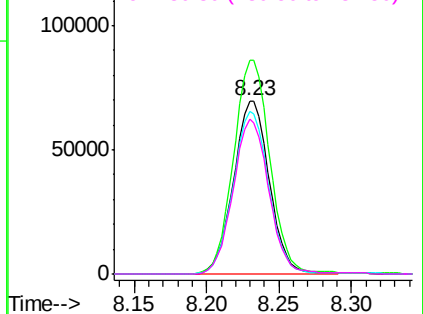


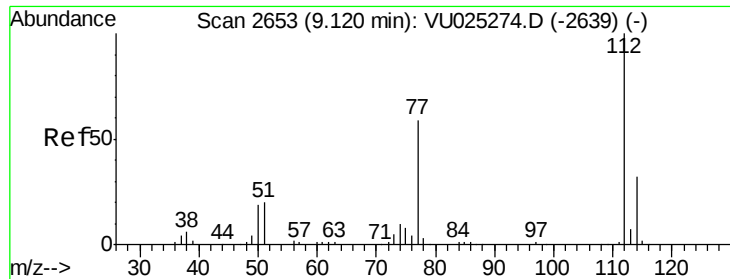
#64
Tetrachloroethene
Concen: 49.45 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion:164 Resp: 119558
Ion Ratio Lower Upper
164 100
166 123.1 101.1 151.7
129 94.1 73.0 109.6
131 89.3 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

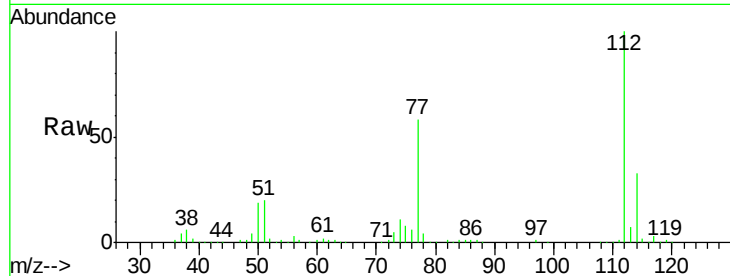




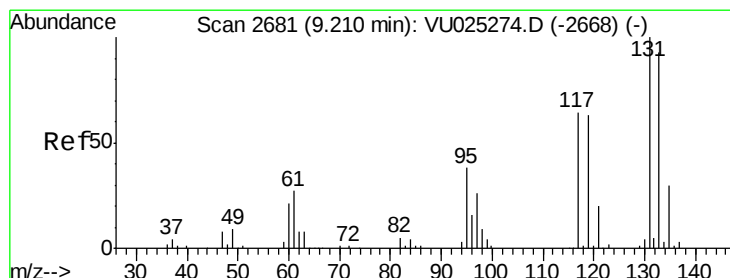
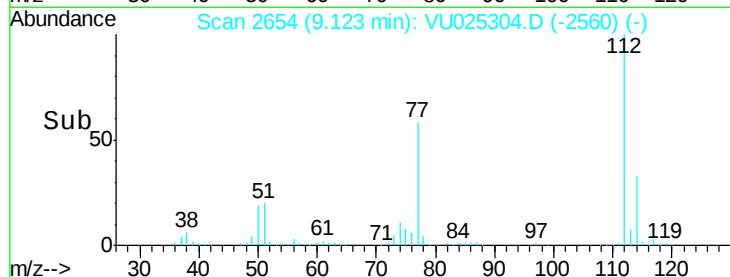
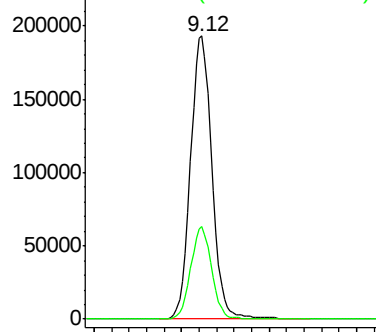
#65
Chlorobenzene
Concen: 49.47 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 327790
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8

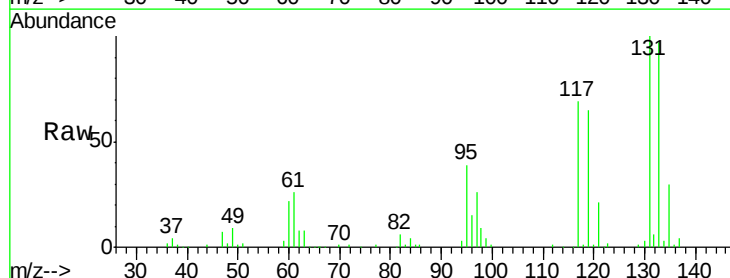


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

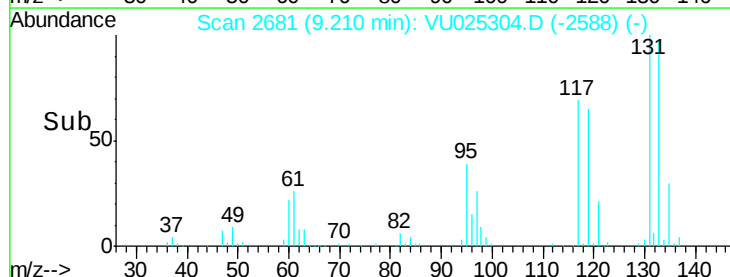
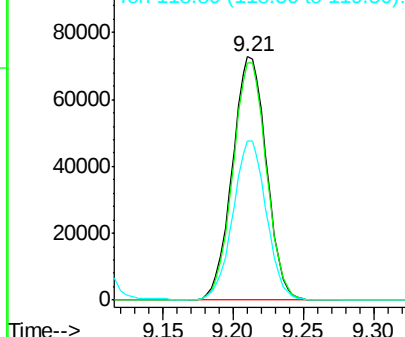


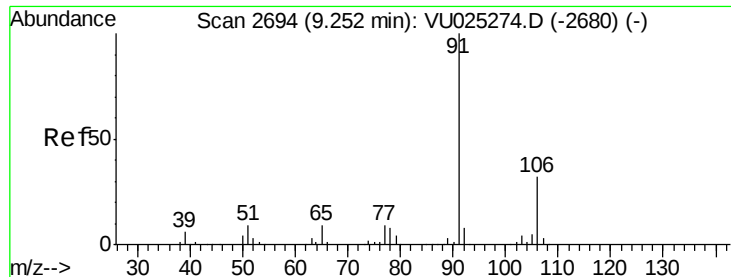
#66
1,1,1,2-Tetrachloroethane
Concen: 52.06 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion:131 Resp: 123393
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 64.1 31.6 95.0



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

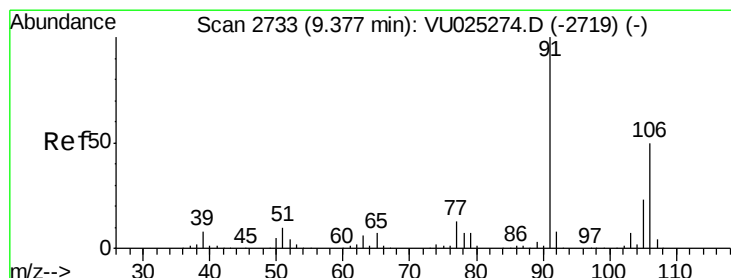
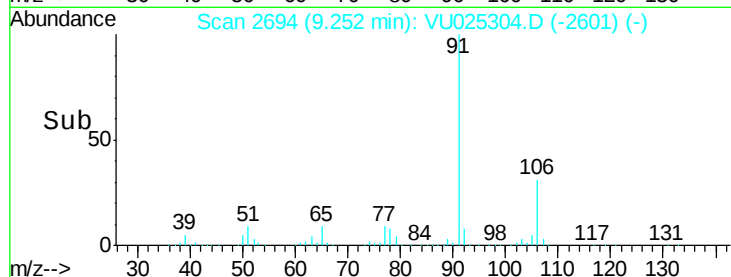
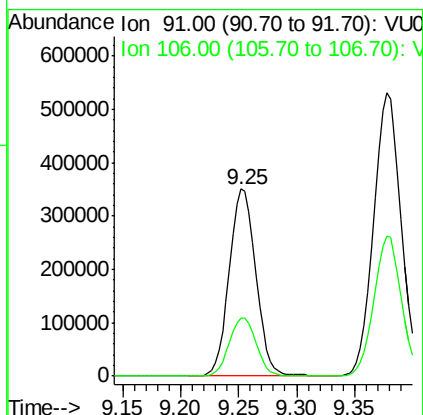
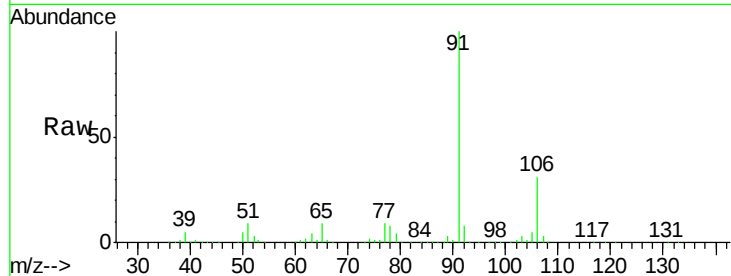




#67
Ethyl Benzene
Concen: 49.53 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

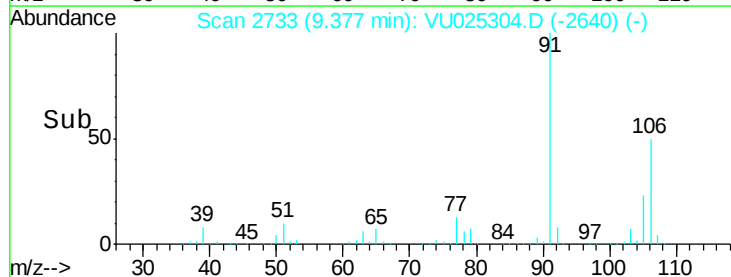
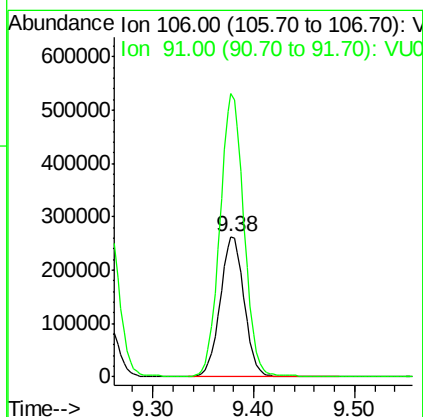
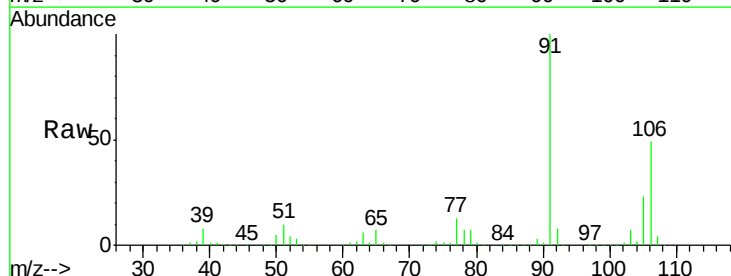
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 559456
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9



#68
m/p-Xylenes
Concen: 100.05 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion: 106 Resp: 436930
Ion Ratio Lower Upper
106 100
91 202.7 162.3 243.5

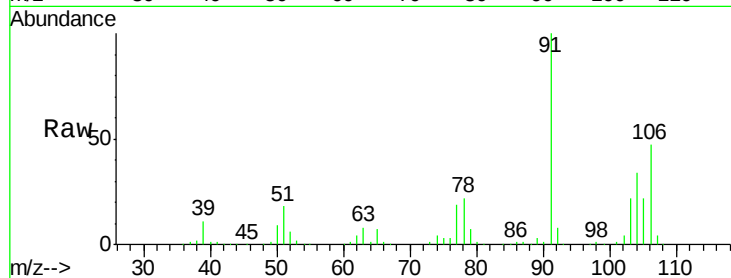




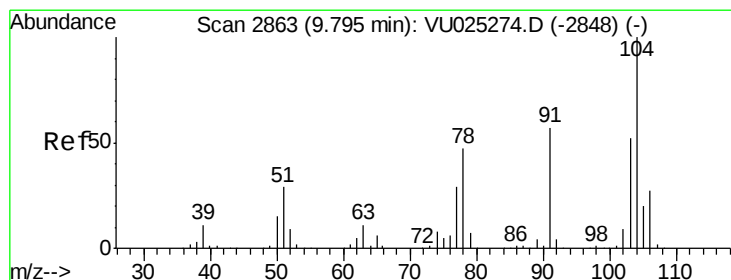
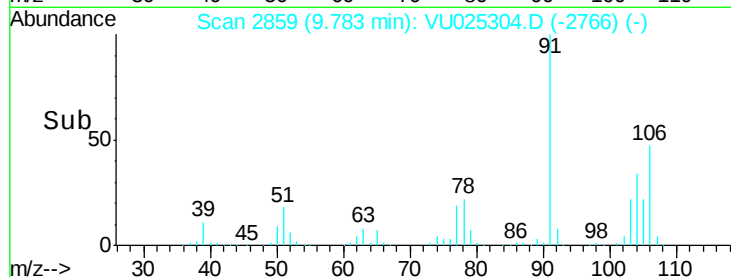
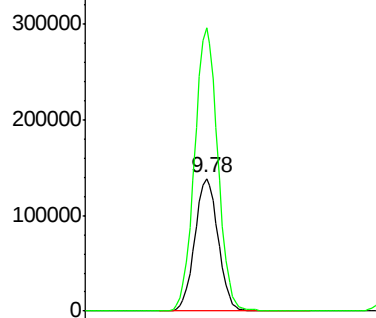
#69
o-Xylene
Concen: 50.21 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 219503
Ion Ratio Lower Upper
106 100
91 212.0 105.3 315.8

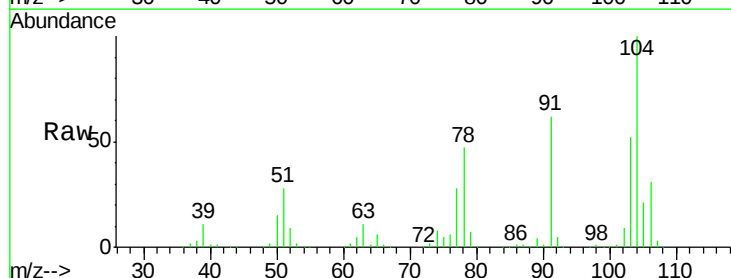


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

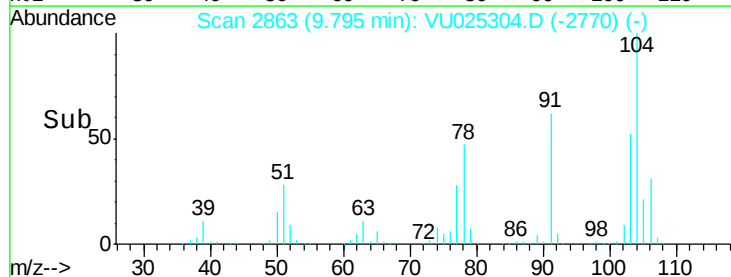
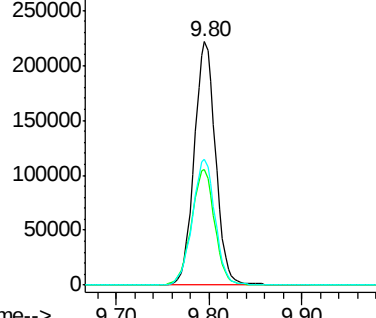


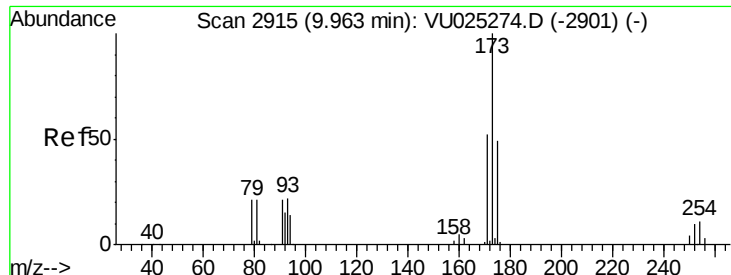
#70
Styrene
Concen: 50.99 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion:104 Resp: 354140
Ion Ratio Lower Upper
104 100
78 51.5 41.6 62.4
103 55.1 44.6 66.8



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

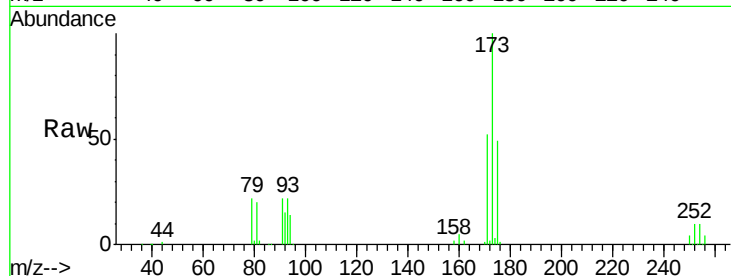




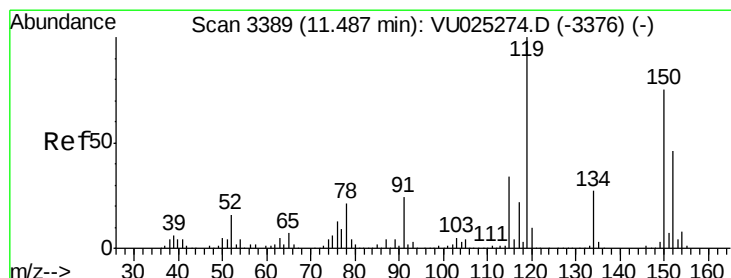
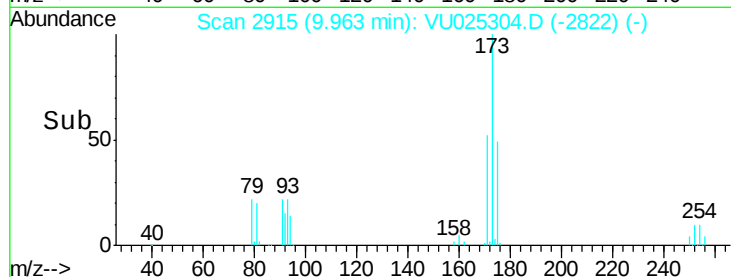
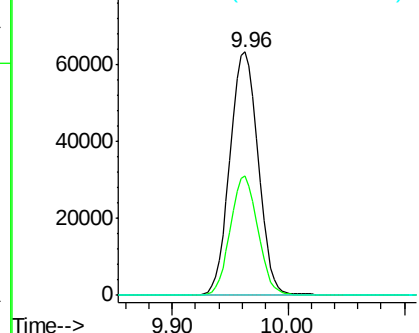
#71
Bromoform
Concen: 46.88 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 106687
Ion Ratio Lower Upper
173 100
175 47.8 24.0 72.0
254 0.1 0.0 0.0#

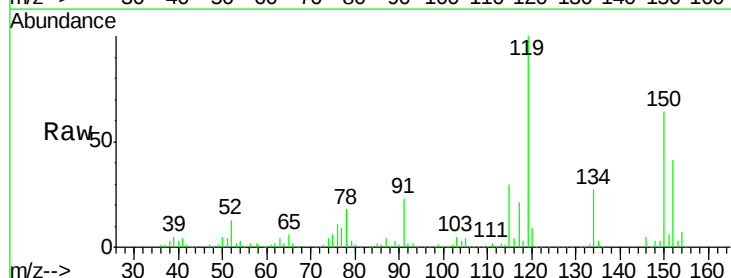


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

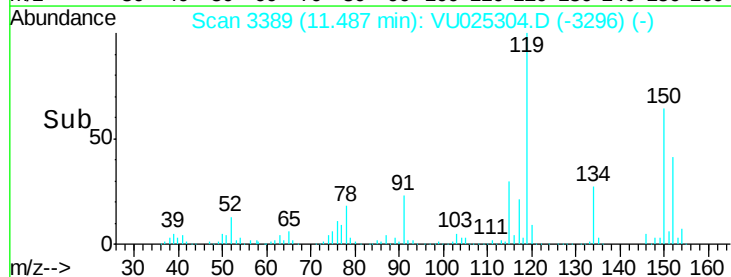
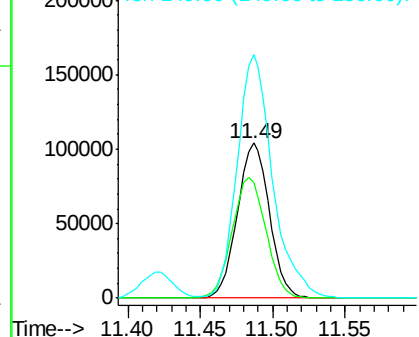


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion:152 Resp: 159924
Ion Ratio Lower Upper
152 100
115 82.2 40.1 120.3
150 173.0 0.0 351.4



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: 47.62 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

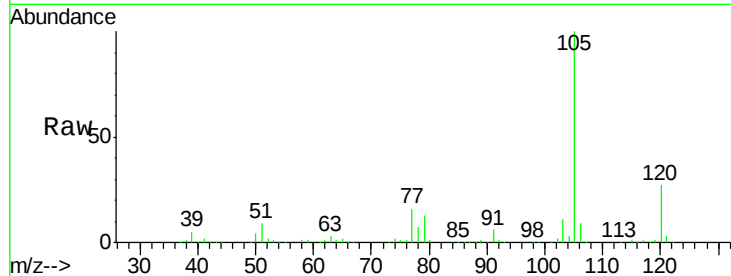
VSTDCCC050EC

Tot Ion:105 Resp: 581888

Ion Ratio Lower Upper

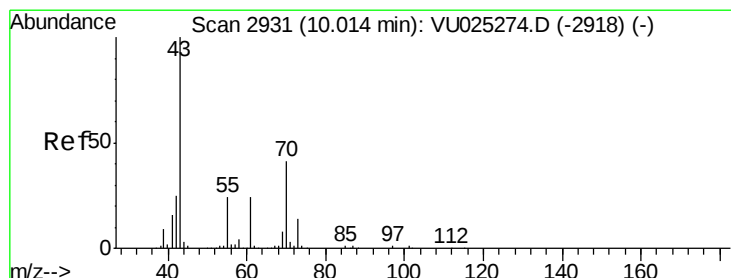
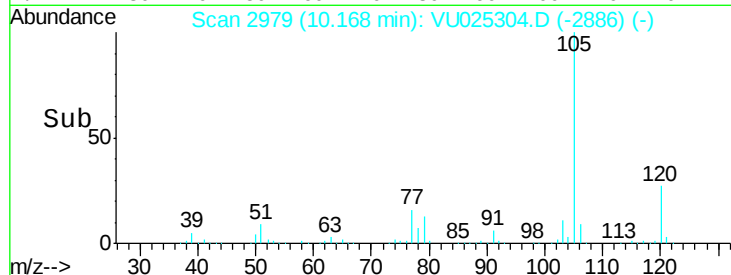
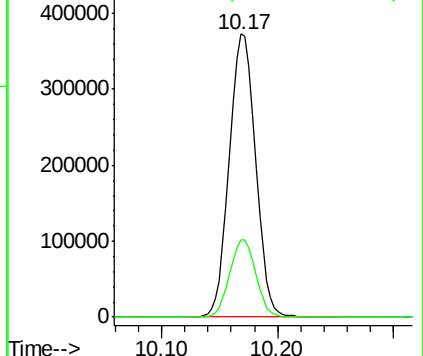
105 100

120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.01 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Tgt Ion: 43 Resp: 260363

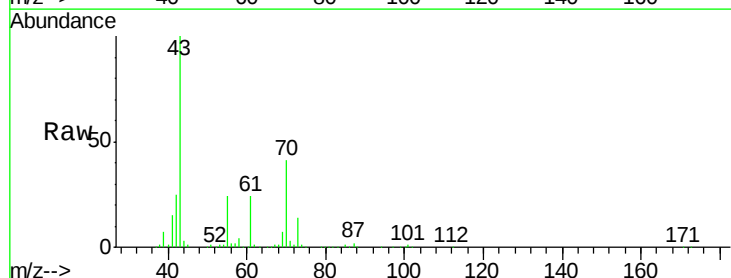
Ion Ratio Lower Upper

43 100

70 41.2 33.4 50.2

55 23.9 19.0 28.6

61 24.0 19.3 28.9

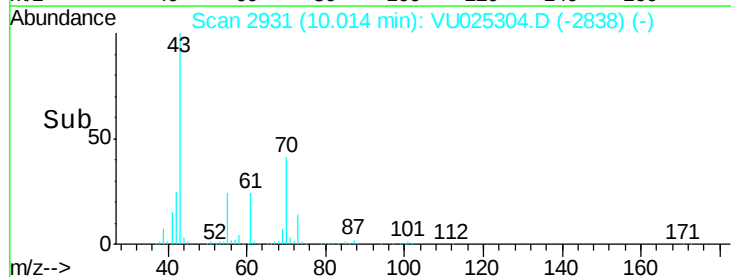
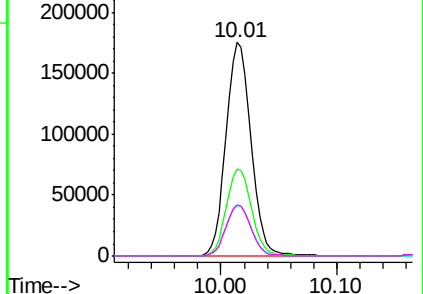


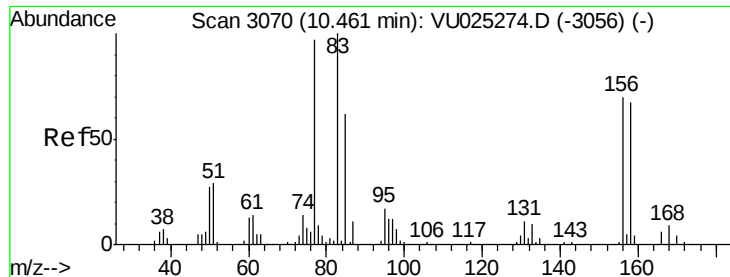
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 50.75 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

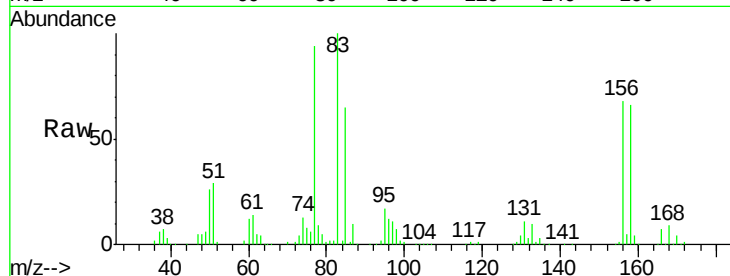
Tot Ion: 83 Resp: 202892

Ion Ratio Lower Upper

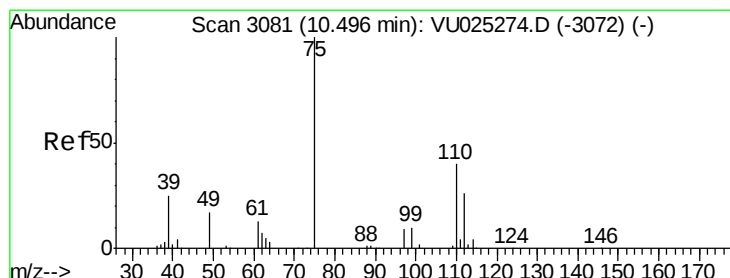
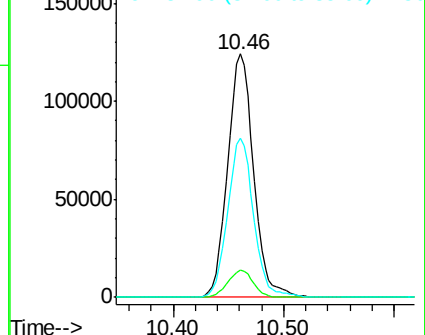
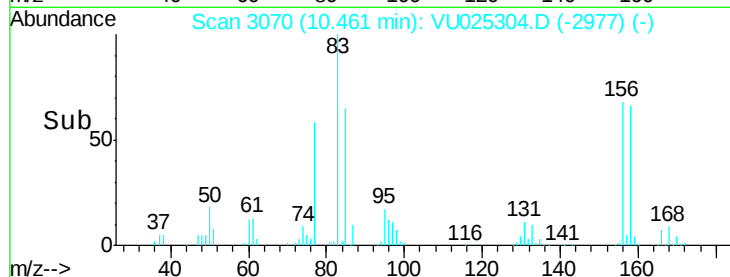
83 100

131 10.8 5.5 16.4

85 65.2 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU025304.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 69.33 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025304.D

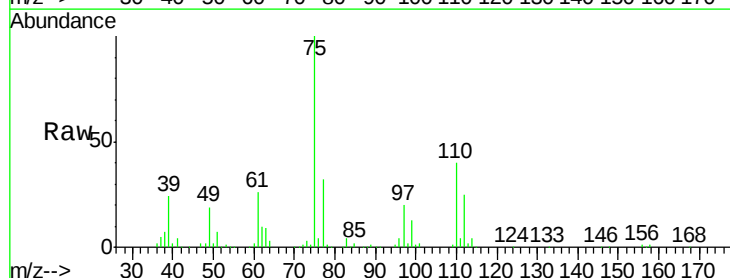
Acq: 10 Jul 2018 21:22

Tgt Ion: 75 Resp: 230154

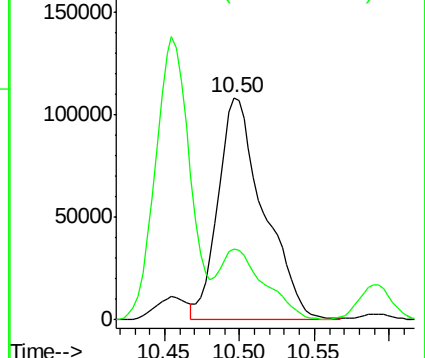
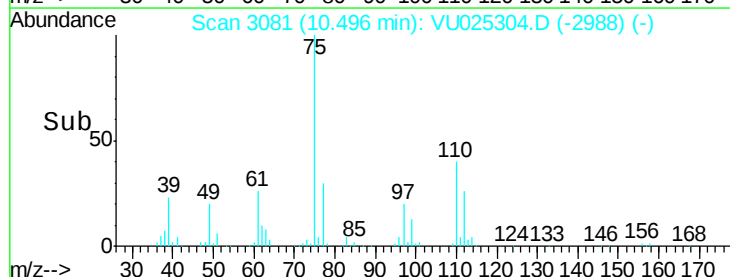
Ion Ratio Lower Upper

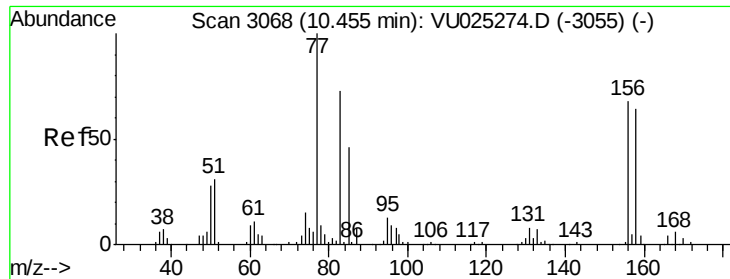
75 100

77 30.1 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025304.D (-2988) (-)





#77

Bromobenzene

Concen: 48.97 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

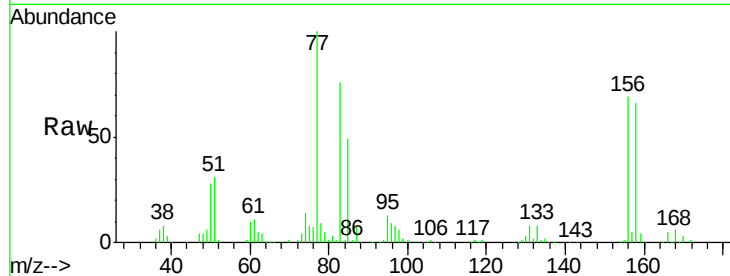
Tot Ion:156 Resp: 153085

Ion Ratio Lower Upper

156 100

77 143.8 73.8 221.4

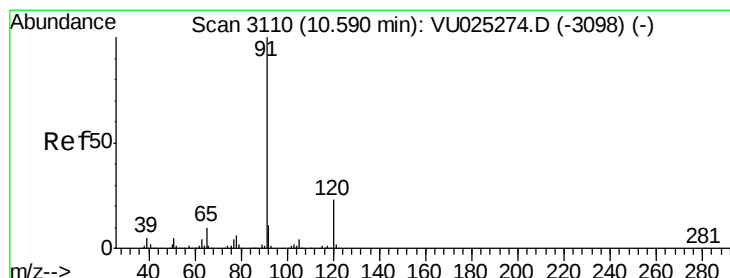
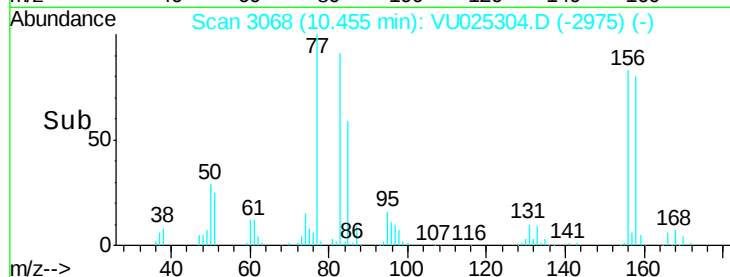
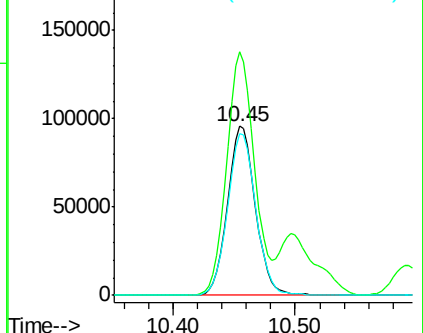
158 97.1 48.0 144.0



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: 48.09 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025304.D

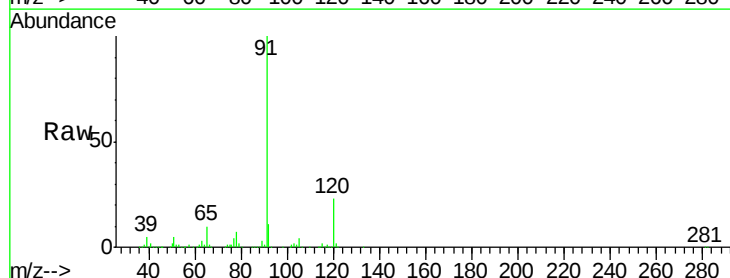
Acq: 10 Jul 2018 21:22

Tgt Ion: 91 Resp: 652045

Ion Ratio Lower Upper

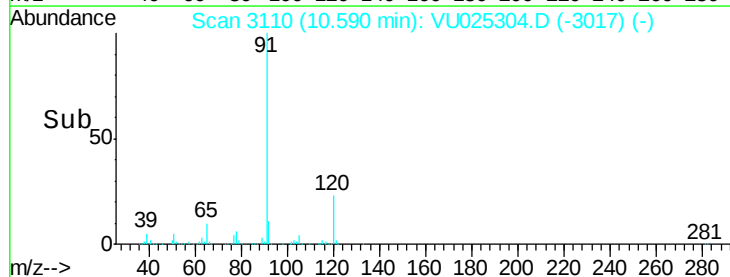
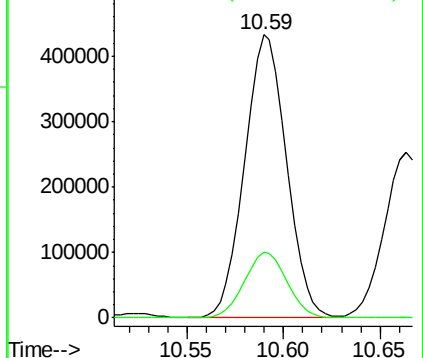
91 100

120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.20 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :

MSVOA_U

ClientSampleId :

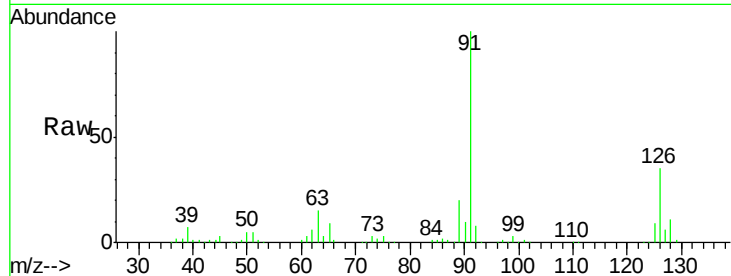
VSTDCCC050EC

Tot Ion: 91 Resp: 398660

Ion Ratio Lower Upper

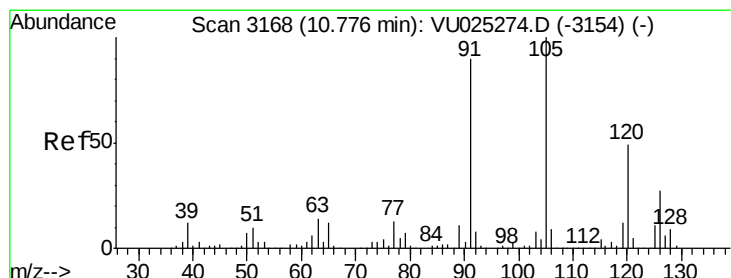
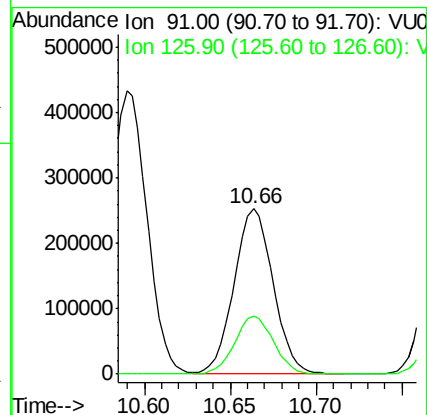
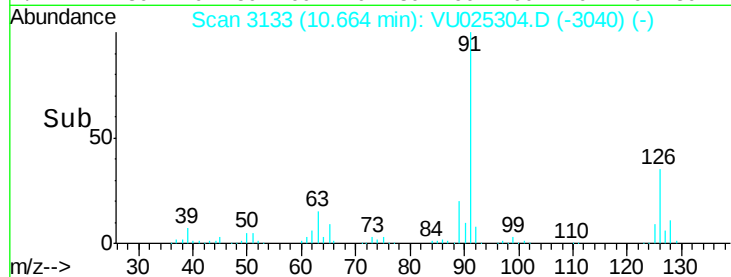
91 100

126 35.0 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.49 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025304.D

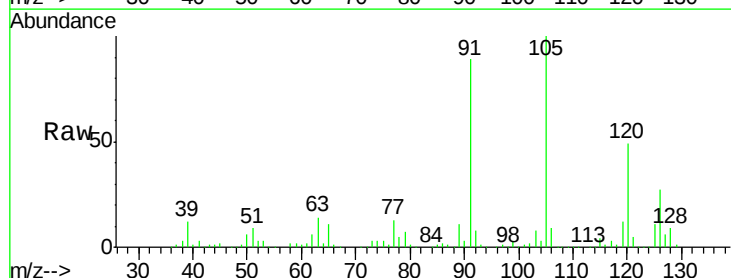
Acq: 10 Jul 2018 21:22

Tgt Ion: 105 Resp: 498579

Ion Ratio Lower Upper

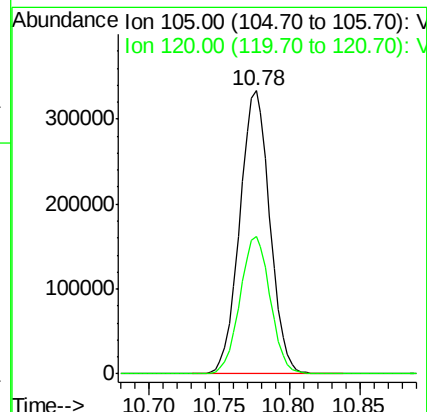
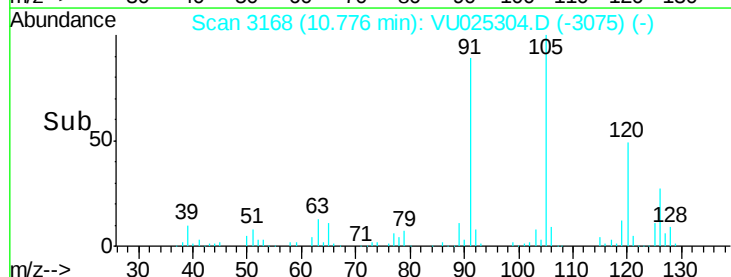
105 100

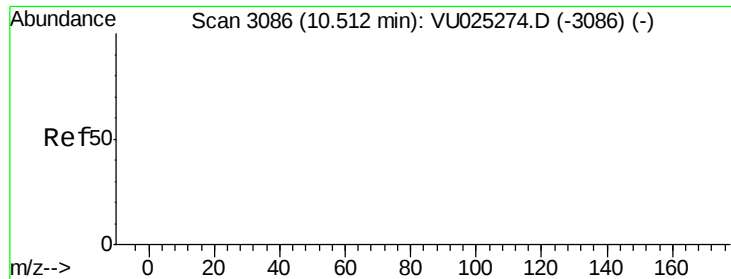
120 48.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 180.64 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

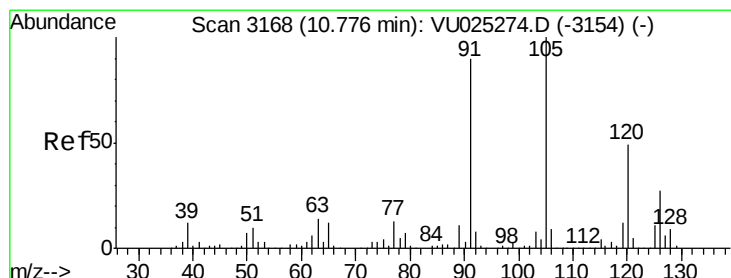
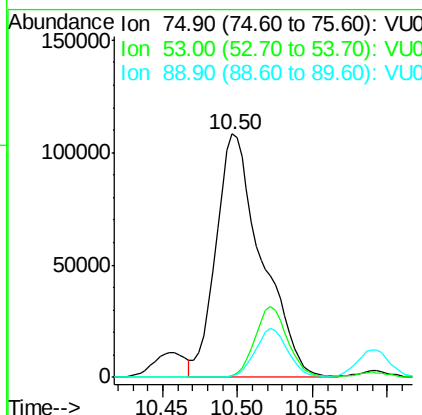
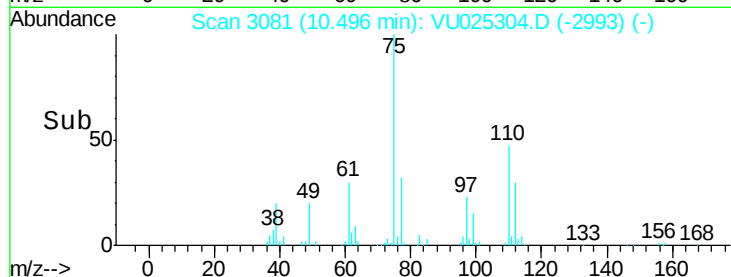
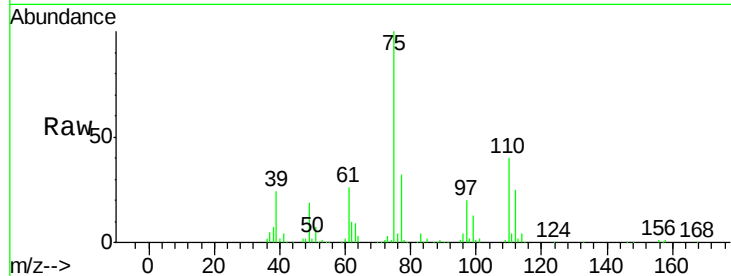
Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 230154

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 47.22 ug/l

RT: 10.78 min Scan# 3168

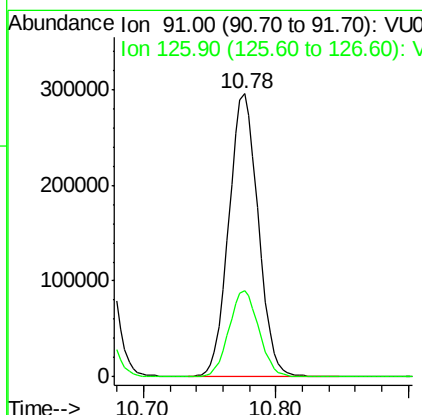
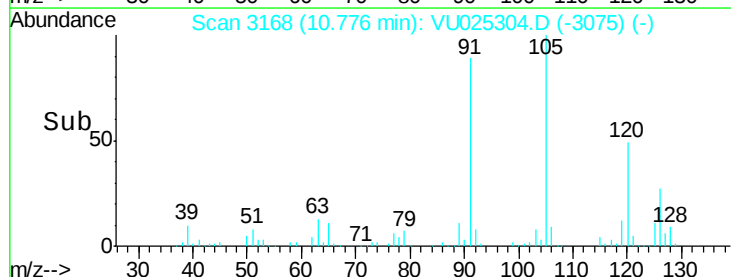
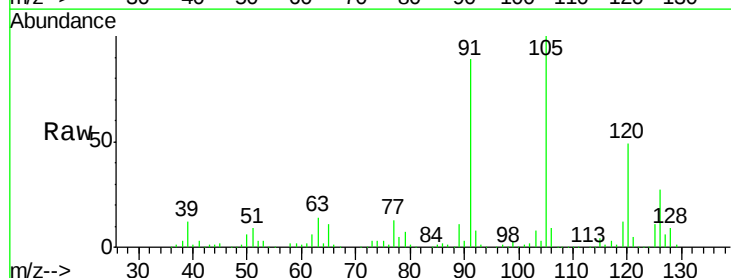
Delta R.T. -0.00 min

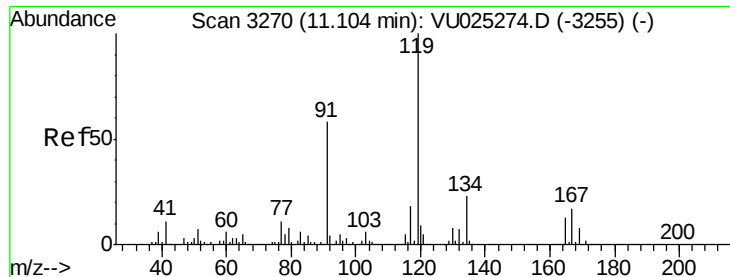
Lab File: VU025304.D

Acq: 10 Jul 2018 21:22

Tgt Ion: 91 Resp: 453407

Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.3	45.9

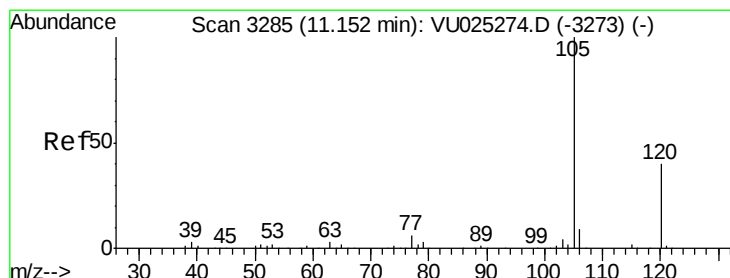
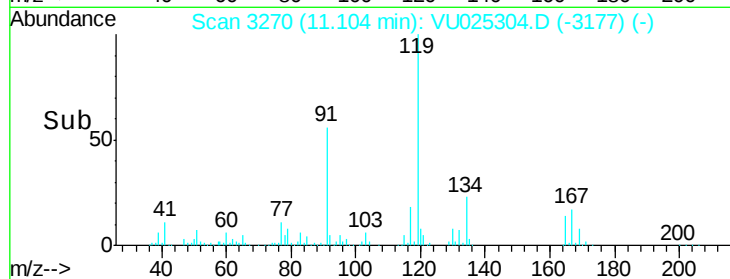
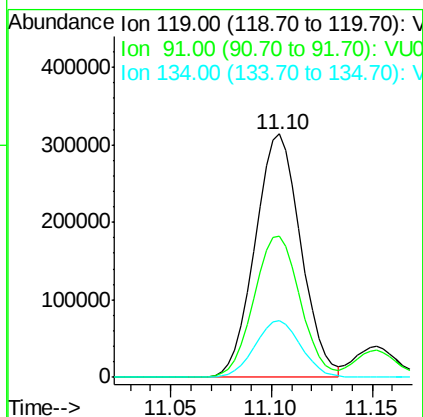
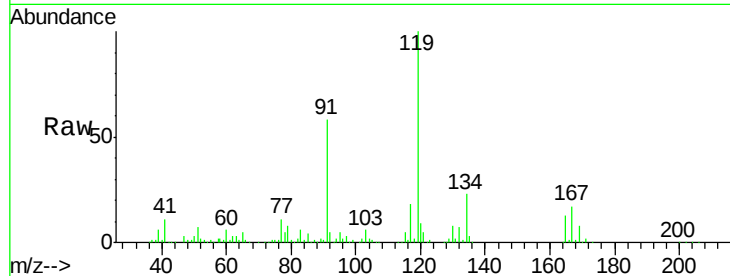




#83
 tert-Butylbenzene
 Concen: 47.88 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

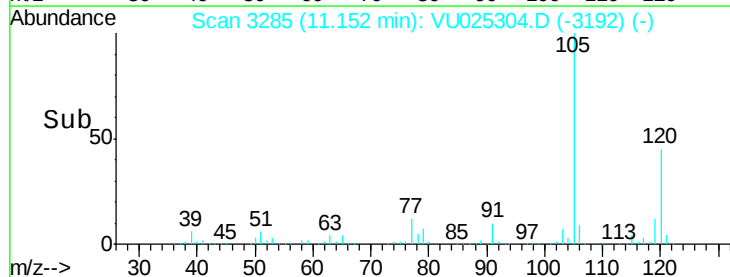
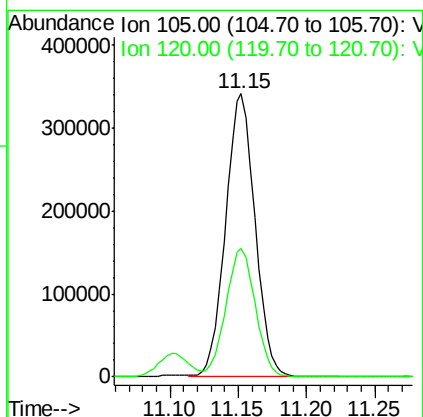
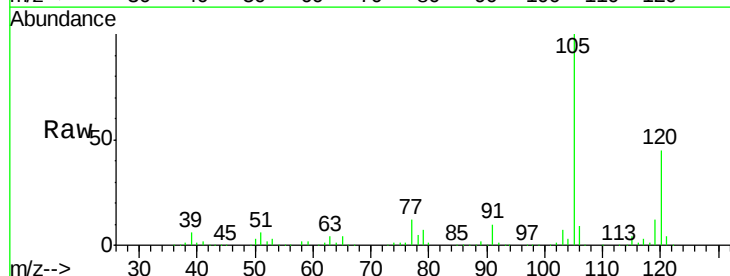
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 497503
 Ion Ratio Lower Upper
 119 100
 91 59.1 29.7 89.1
 134 23.4 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.35 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Tgt Ion:105 Resp: 509540
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.3 66.8

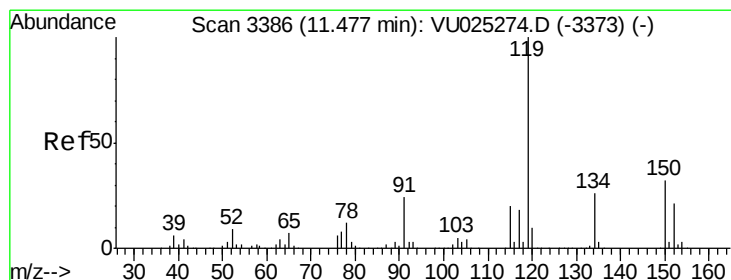
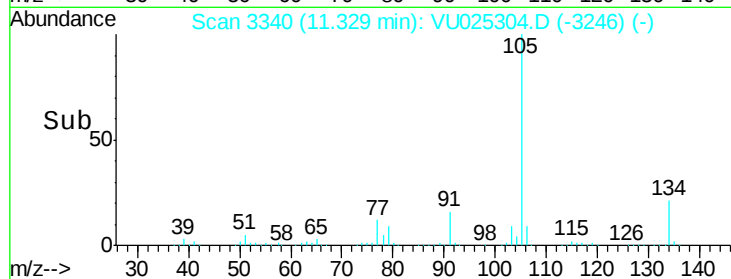
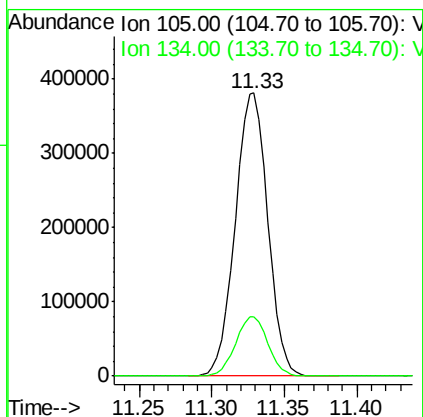
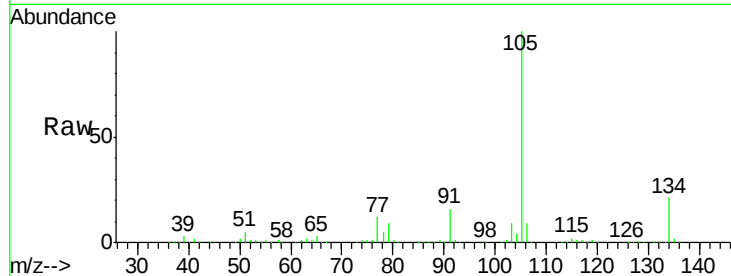




#85
 sec-Butylbenzene
 Concen: 48.50 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

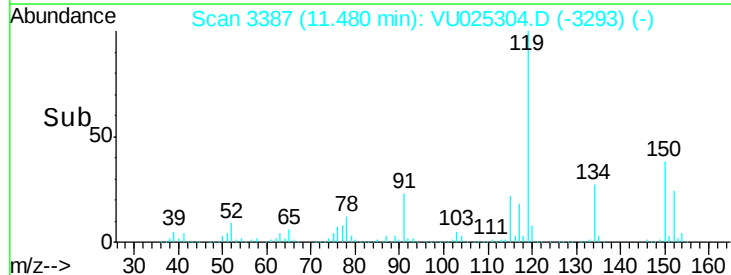
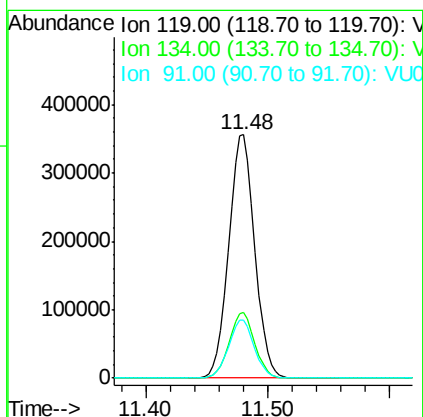
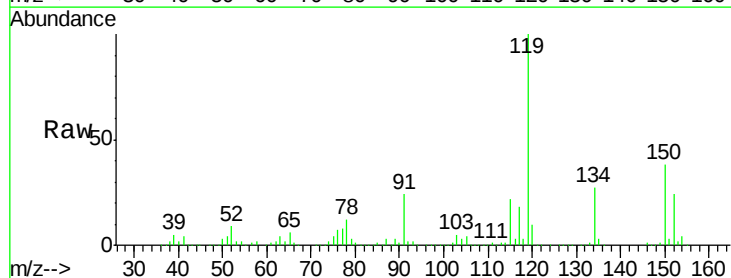
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

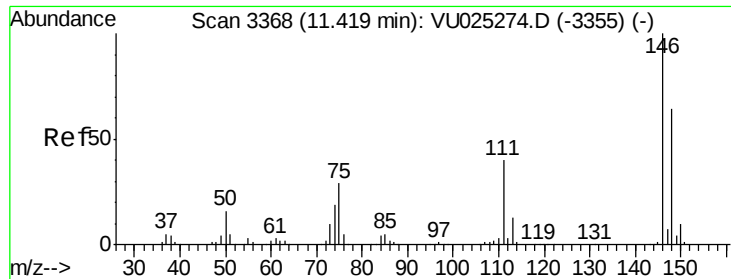
Tot Ion:105 Resp: 593330
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 48.96 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Tgt Ion:119 Resp: 530294
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 23.7 12.0 36.1

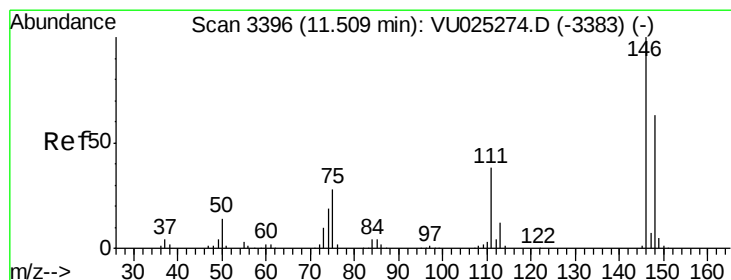
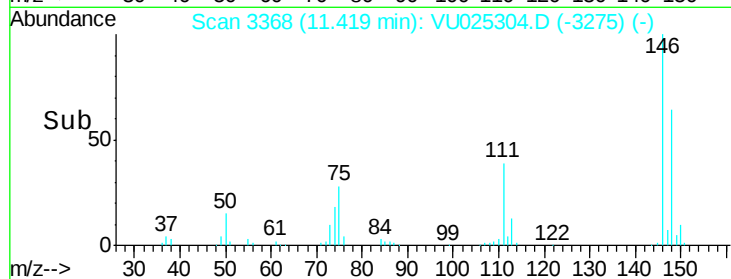
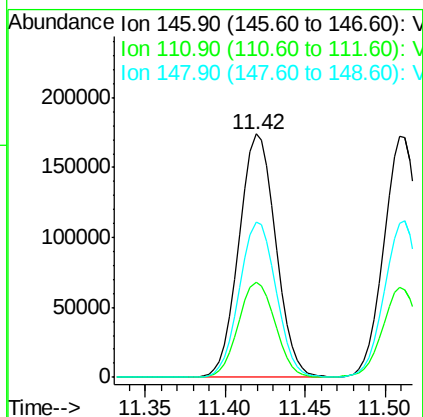
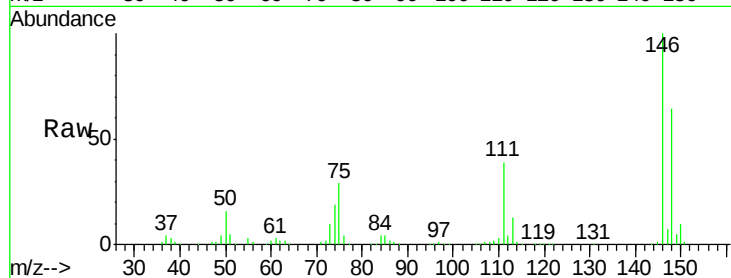




#87
 1,3-Dichlorobenzene
 Concen: 47.69 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

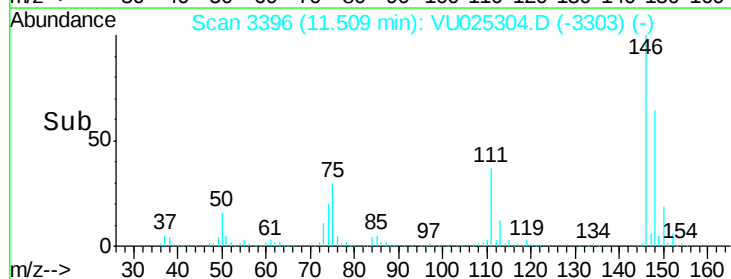
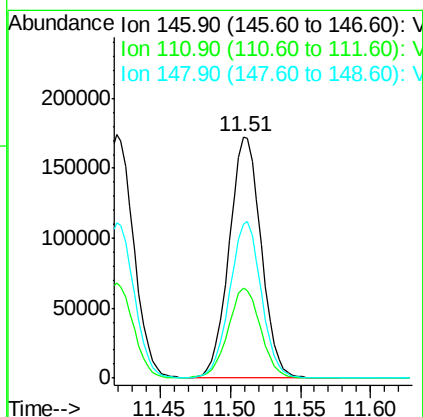
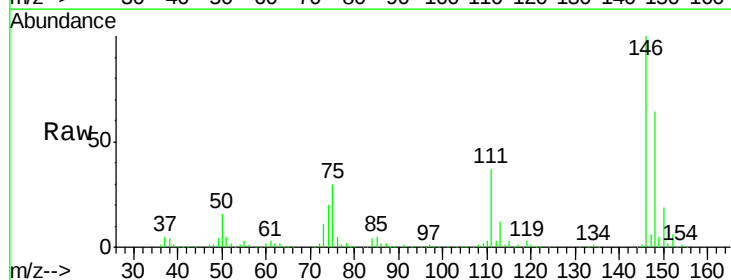
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

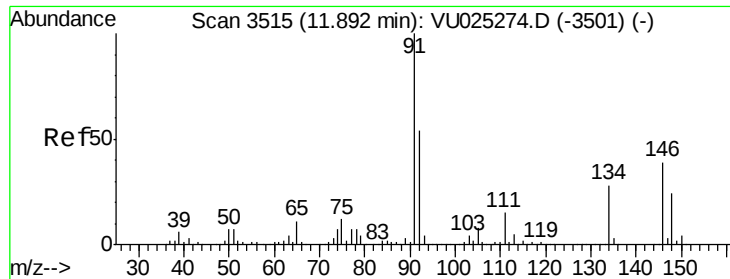
Tot Ion:146 Resp: 272463
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.7 59.1
 148 63.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.11 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Tgt Ion:146 Resp: 273887
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.4 58.1
 148 64.4 31.7 95.1

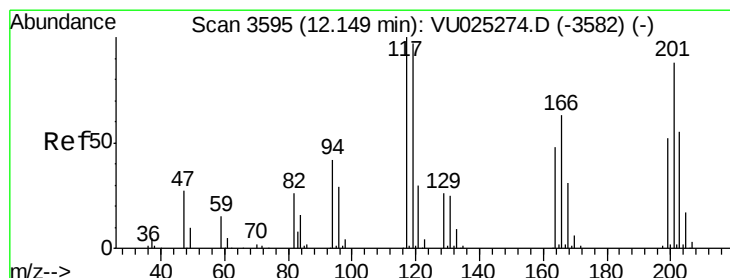
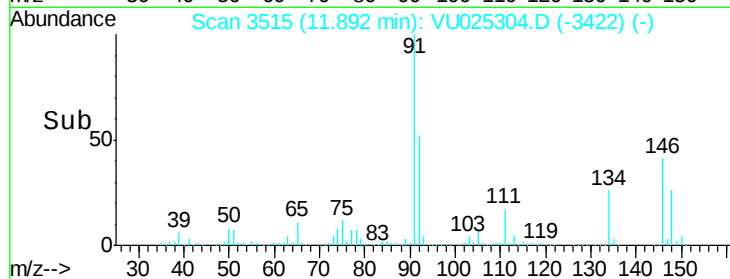
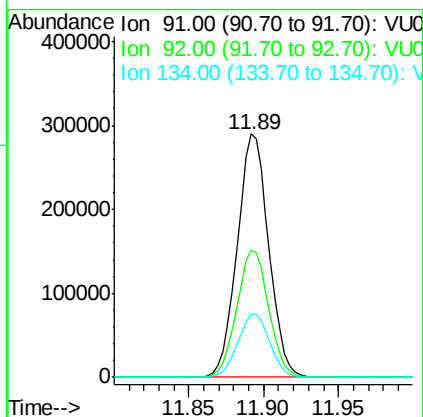
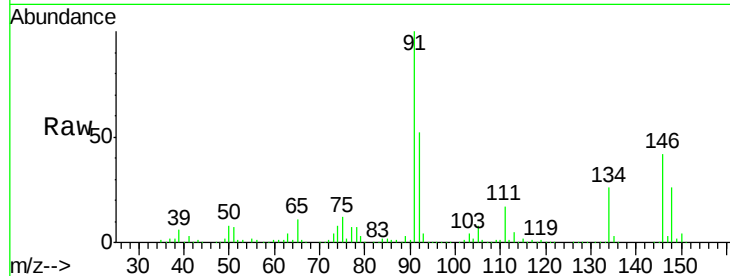




#89
n-Butylbenzene
Concen: 47.59 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

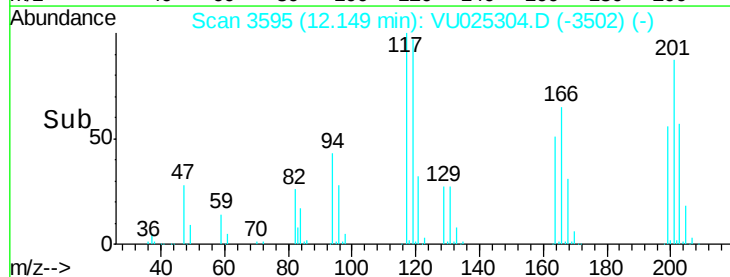
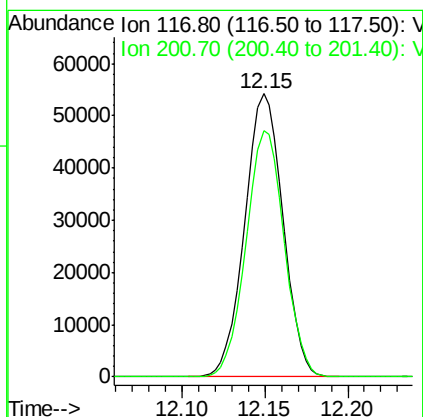
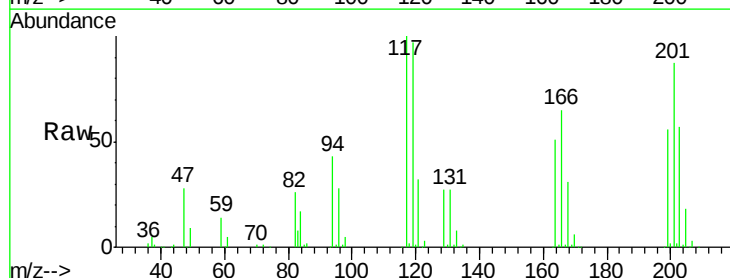
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

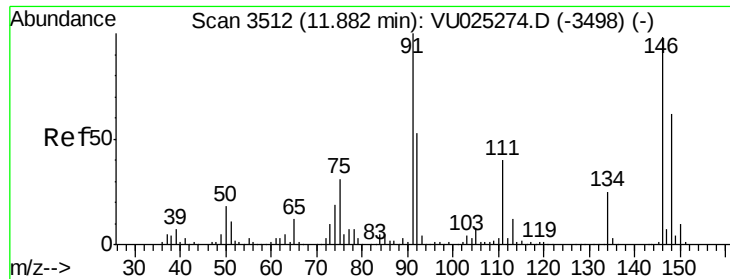
Tot Ion: 91 Resp: 423733
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 26.5 13.6 40.7



#90
Hexachloroethane
Concen: 47.37 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion: 117 Resp: 86888
Ion Ratio Lower Upper
117 100
201 86.8 42.5 127.6

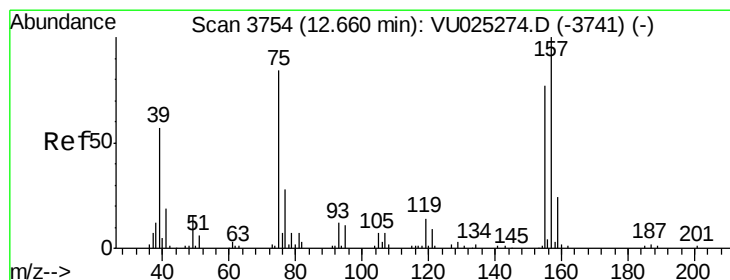
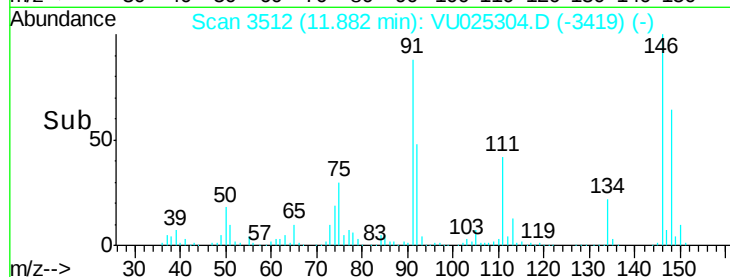
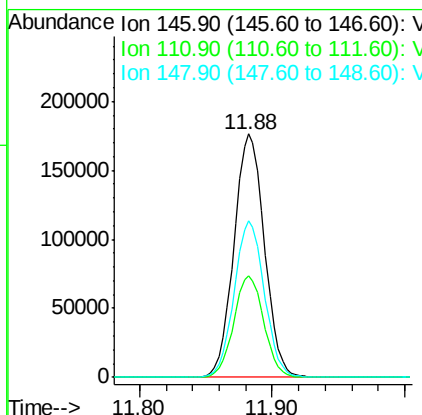
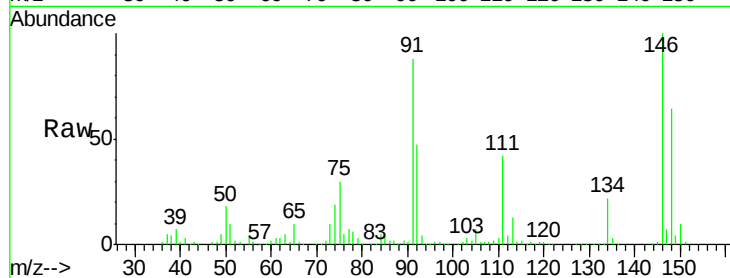




#91
 1,2-Dichlorobenzene
 Concen: 48.71 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

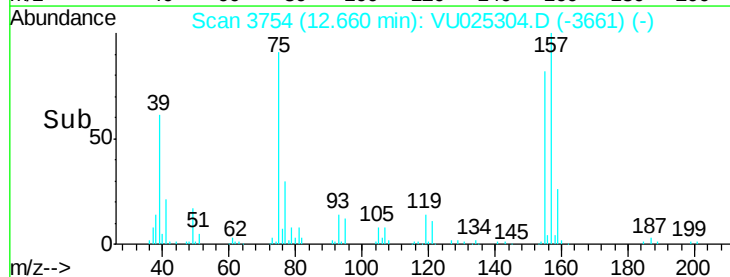
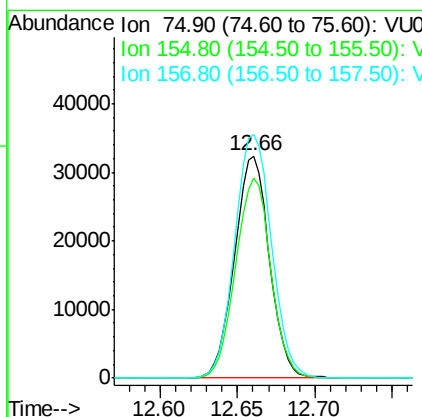
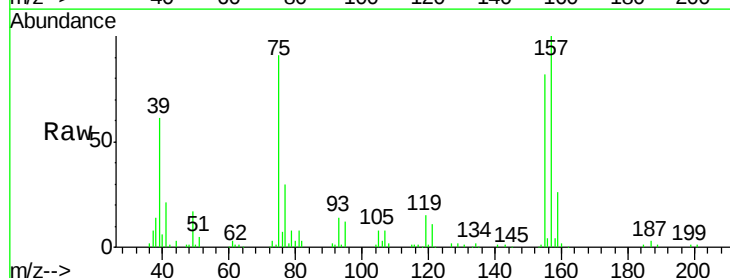
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

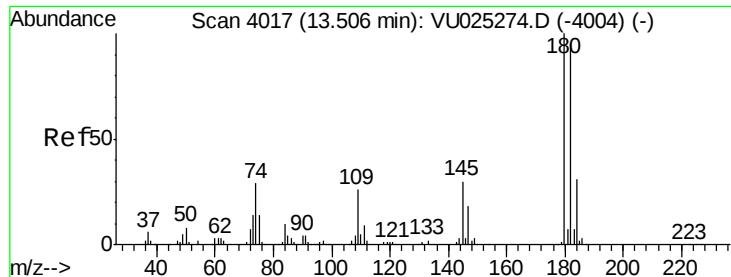
Tot Ion:146 Resp: 281053
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.6 61.8
 148 63.7 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.32 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Tgt Ion: 75 Resp: 50724
 Ion Ratio Lower Upper
 75 100
 155 91.1 44.5 133.3
 157 115.5 57.0 170.8

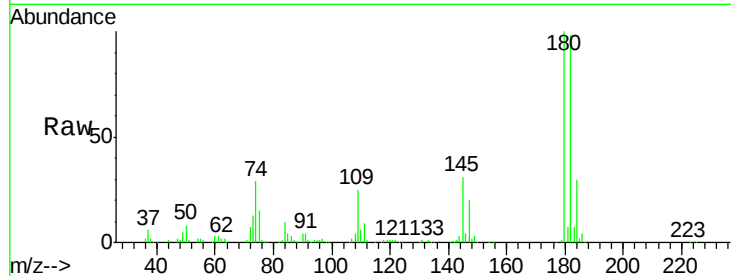




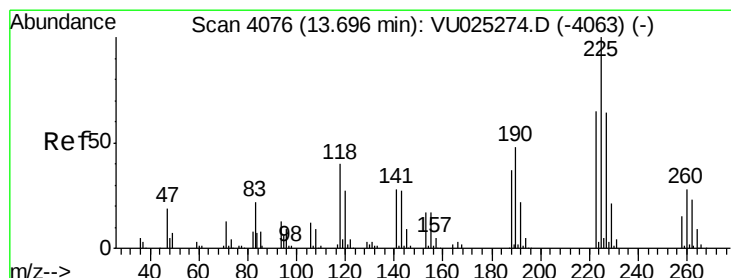
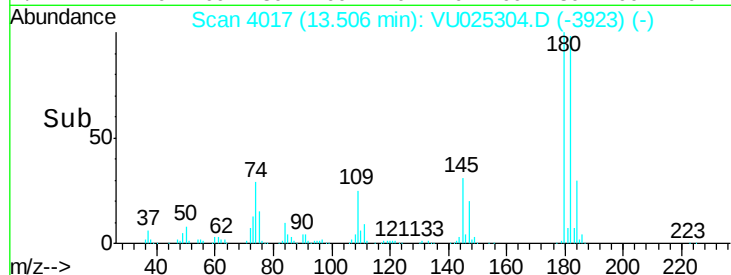
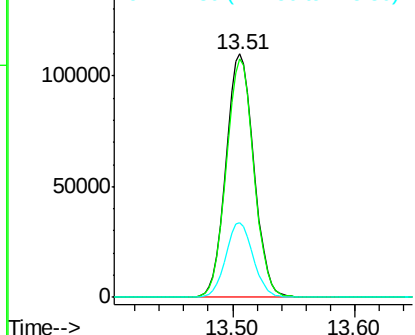
#93
 1,2,4-Trichlorobenzene
 Concen: 45.85 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 176006
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.3 141.9
 145 30.2 14.9 44.7

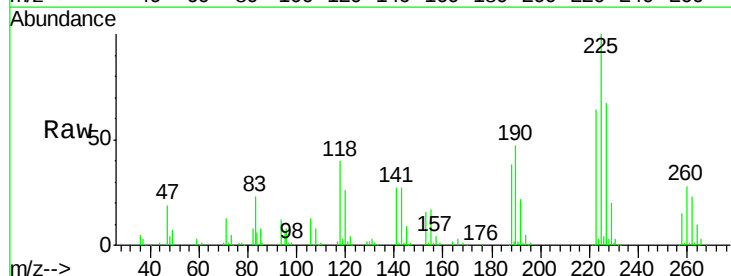


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

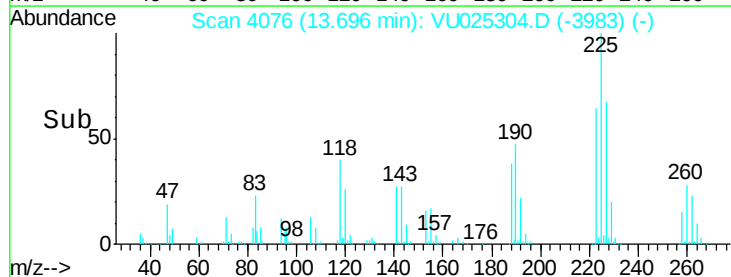
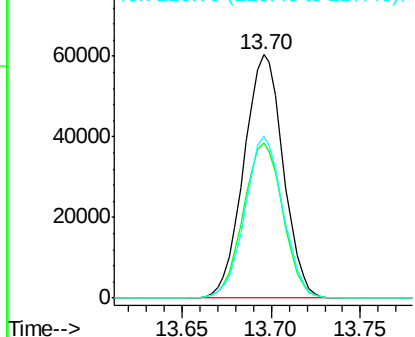


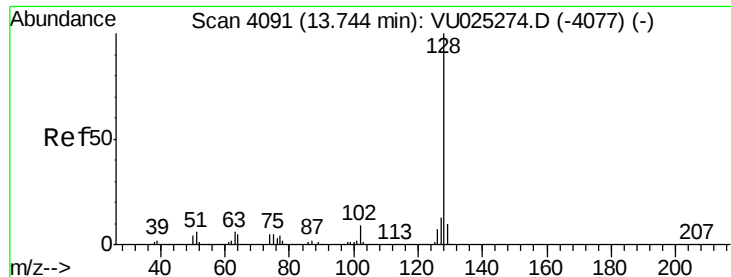
#94
 Hexachlorobutadiene
 Concen: 45.11 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025304.D
 Acq: 10 Jul 2018 21:22

Tgt Ion:225 Resp: 93082
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.9 95.7
 227 64.2 32.3 96.9



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

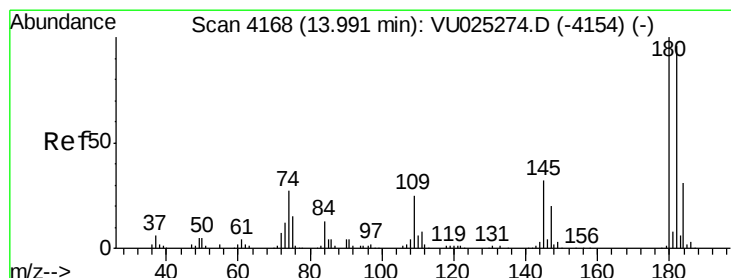
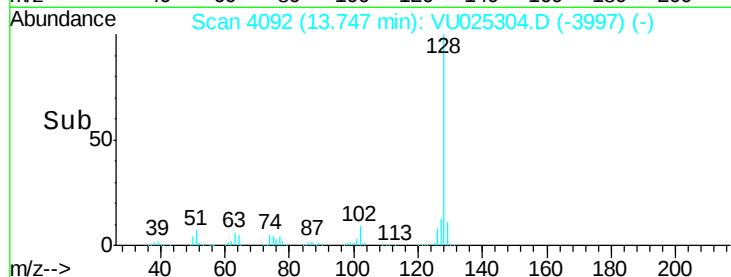
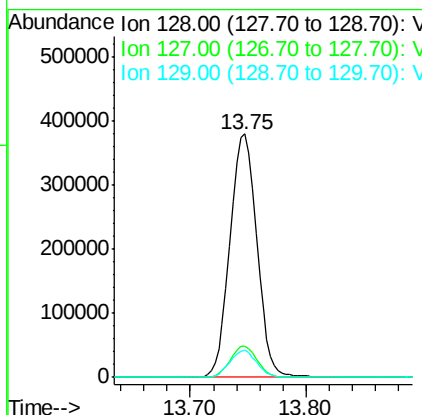
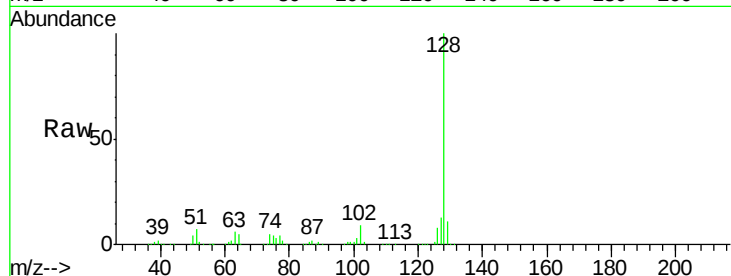




#95
Naphthalene
Concen: 51.70 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 608045
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 47.67 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025304.D
Acq: 10 Jul 2018 21:22

Tgt Ion:180 Resp: 186506
Ion Ratio Lower Upper
180 100
182 97.5 47.8 143.3
145 31.9 15.6 46.8

