

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092818\
 Data File : VU027282.D
 Acq On : 28 Sep 2018 19:21
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 29 00:09:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	102726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	171400	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	165910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	90633	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	88403	42.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.52%	
35) Dibromofluoromethane	4.88	113	67860	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
50) Toluene-d8	7.57	98	250896	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	
62) 4-Bromofluorobenzene	10.31	95	95363	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	62089	46.293	ug/l	96
3) Chloromethane	1.33	50	92005	39.787	ug/l	100
4) Vinyl Chloride	1.40	62	94236	43.658	ug/l	100
5) Bromomethane	1.61	94	45698	37.177	ug/l	96
6) Chloroethane	1.69	64	59498	43.140	ug/l	100
7) Trichlorofluoromethane	1.88	101	105528	43.045	ug/l	100
8) Diethyl Ether	2.10	74	53036	44.945	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	65556	43.490	ug/l	98
10) Methyl Iodide	2.41	142	19375	10.364	ug/l	98
11) Tert butyl alcohol	2.83	59	106211	224.124	ug/l	100
12) 1,1-Dichloroethene	2.28	96	64349	45.354	ug/l	97
13) Acrolein	2.20	56	51502	201.605	ug/l	99
14) Allyl chloride	2.59	41	141854	49.295	ug/l	97
15) Acrylonitrile	2.94	53	281015	235.279	ug/l	99
16) Acetone	2.32	43	246478	222.610	ug/l	99
17) Carbon Disulfide	2.48	76	211861	45.838	ug/l	99
18) Methyl Acetate	2.62	43	150816	51.250	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	264102	50.655	ug/l	98
20) Methylene Chloride	2.70	84	80534	43.494	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	71518	47.213	ug/l	97
22) Diisopropyl ether	3.58	45	310390	50.428	ug/l	96
23) Vinyl Acetate	3.53	43	1321606	251.892	ug/l	99
24) 1,1-Dichloroethane	3.45	63	160773	47.426	ug/l	100
25) 2-Butanone	4.26	43	397484	228.764	ug/l	98
26) 2,2-Dichloropropane	4.23	77	120936	45.744	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	83625	48.883	ug/l	99
28) Bromochloromethane	4.55	49	75251	46.050	ug/l	99
29) Tetrahydrofuran	4.64	42	258518	245.953	ug/l	100
30) Chloroform	4.67	83	142652	45.334	ug/l	99
31) Cyclohexane	5.00	56	150167	48.716	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	119102	47.406	ug/l	97
36) 1,1-Dichloropropene	5.14	75	110882	48.472	ug/l	99
37) Ethyl Acetate	4.38	43	143053	46.195	ug/l	97
38) Carbon Tetrachloride	5.13	117	99500	45.707	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	131135	52.752	ug/l	98
40) Benzene	5.39	78	327847	47.145	ug/l	99
41) Methacrylonitrile	4.54	41	81893	50.920	ug/l	100
42) 1,2-Dichloroethane	5.40	62	120994	46.052	ug/l	99
43) Isopropyl Acetate	5.55	43	232100	51.393	ug/l	99
44) Trichloroethene	6.19	130	74547	50.354	ug/l	99
45) 1,2-Dichloropropane	6.43	63	95264	48.078	ug/l	98
46) Dibromomethane	6.56	93	56120	46.896	ug/l	97
47) Bromodichloromethane	6.76	83	111593	46.117	ug/l	99
48) Methyl methacrylate	6.62	41	115424	47.019	ug/l	96
49) 1,4-Dioxane	6.61	88	39465	808.110	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	759716	250.121	ug/l	98
52) Toluene	7.64	92	205549	51.567	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	132790	51.076	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	144058	50.395	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	80461	47.638	ug/l	99
56) Ethyl methacrylate	8.02	69	141016	48.201	ug/l	98
57) 1,3-Dichloropropane	8.24	76	152547	48.560	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	362613	218.649	ug/l	98
59) 2-Hexanone	8.36	43	580450	244.132	ug/l	97
60) Dibromochloromethane	8.48	129	80376	48.515	ug/l	98
61) 1,2-Dibromoethane	8.59	107	85193	48.478	ug/l	99
64) Tetrachloroethene	8.23	164	61376	48.008	ug/l	99
65) Chlorobenzene	9.12	112	209300	47.578	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	74597	49.232	ug/l	99
67) Ethyl Benzene	9.25	91	391552	54.128	ug/l	99
68) m/p-Xylenes	9.38	106	295479	100.847	ug/l	98
69) o-Xylene	9.78	106	140391	54.775	ug/l	99
70) Styrene	9.79	104	227968	47.721	ug/l	99
71) Bromoform	9.96	173	60696	51.801	ug/l #	99
73) Isopropylbenzene	10.17	105	371853	53.936	ug/l	100
74) N-amyl acetate	10.02	43	209749	52.559	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	138221	43.605	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	167476	60.825	ug/l	84
77) Bromobenzene	10.45	156	84654	50.247	ug/l	99
78) n-propylbenzene	10.59	91	442752	54.275	ug/l	99
79) 2-Chlorotoluene	10.66	91	258526	50.454	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	304813	53.559	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	167476	194.651	ug/l #	100
82) 4-Chlorotoluene	10.77	91	294947	51.335	ug/l	99
83) tert-Butylbenzene	11.10	119	298740	53.094	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	319753	55.208	ug/l	100
85) sec-Butylbenzene	11.32	105	371908	54.148	ug/l	100
86) p-Isopropyltoluene	11.48	119	317130	49.222	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	155298	49.535	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	157740	46.164	ug/l	100
89) n-Butylbenzene	11.89	91	293594	47.138	ug/l	100
90) Hexachloroethane	12.15	117	56648	45.355	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	154848	46.497	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	31363	48.500	ug/l	95

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QLast Update : Sat Sep 22 01:31:57 2018
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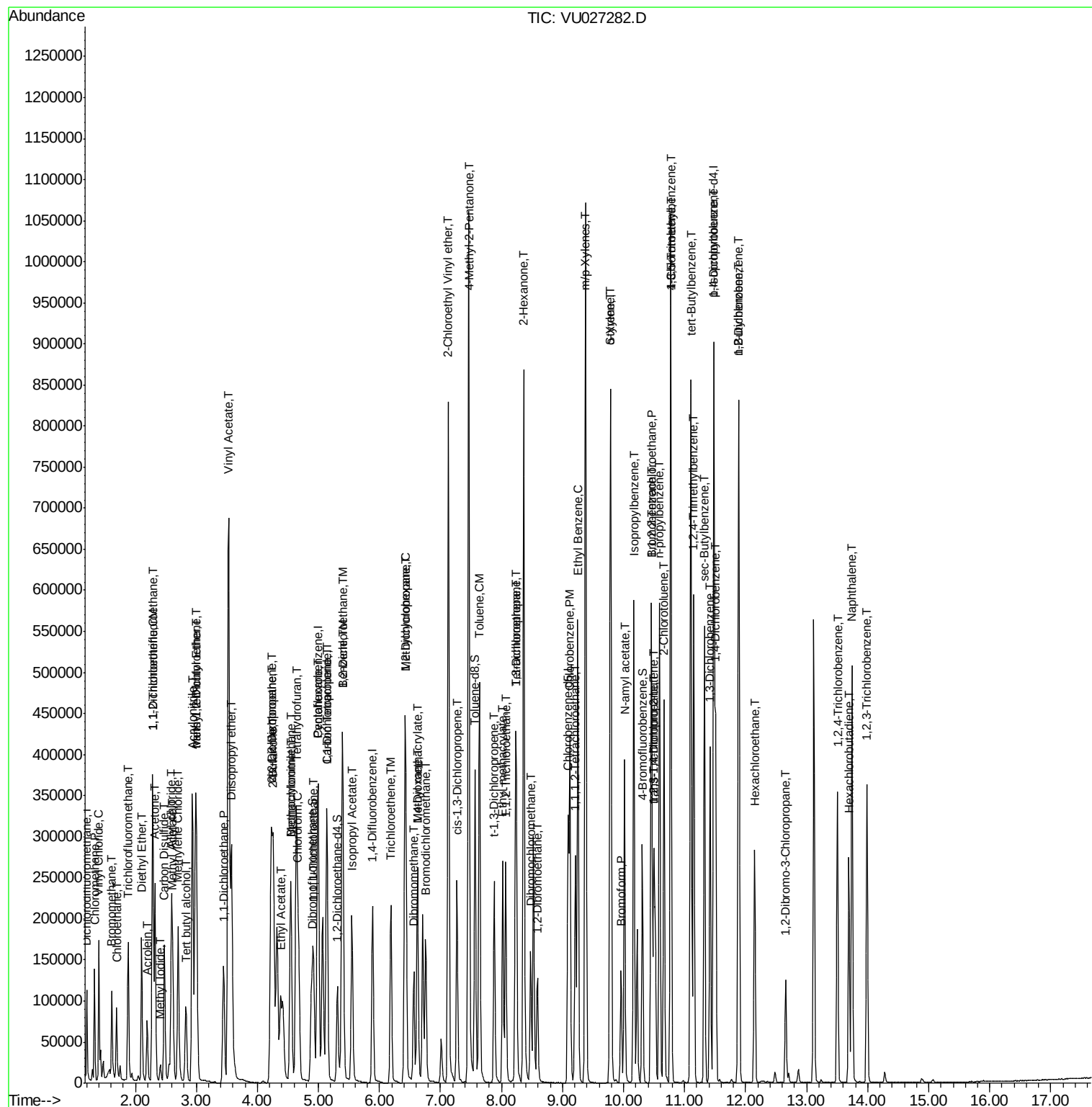
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	103853	54.114	ug/l	99
94) Hexachlorobutadiene	13.69	225	50435	49.668	ug/l	98
95) Naphthalene	13.74	128	374336	49.892	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	107911	52.433	ug/l	99

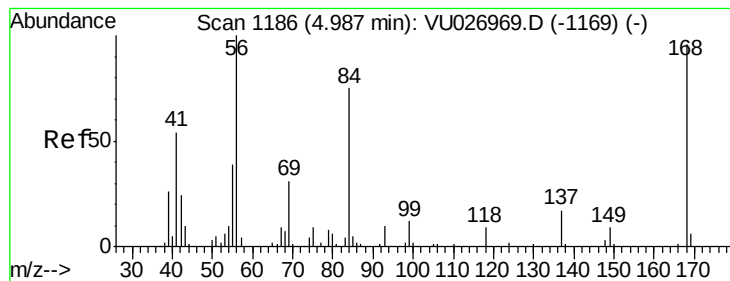
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

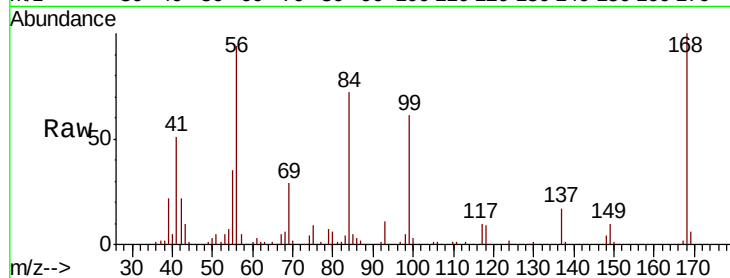
VSTDCCC050EC

Tgt Ion:168 Resp: 102726

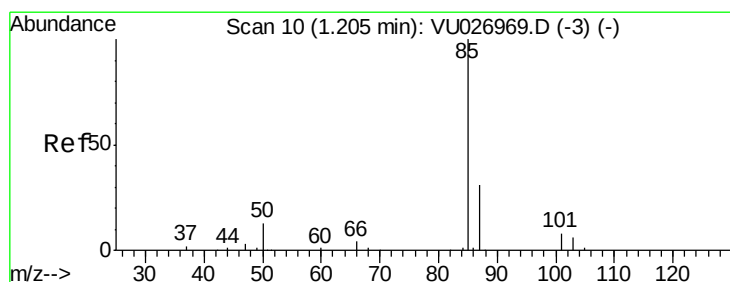
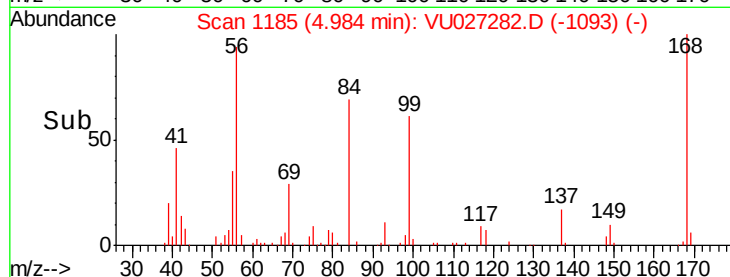
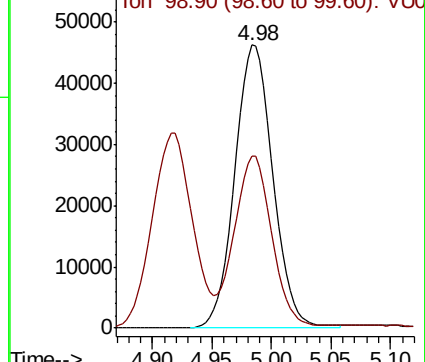
Ion Ratio Lower Upper

168 100

99 60.1 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 46.293 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027282.D

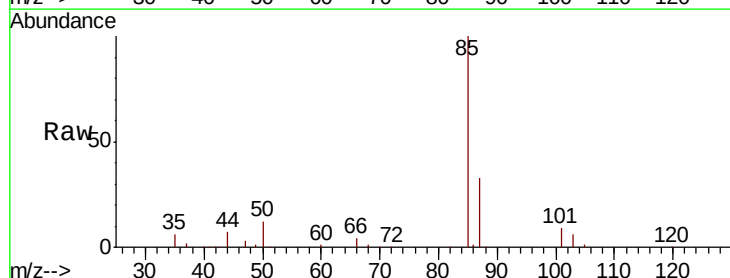
Acq: 28 Sep 2018 19:21

Tgt Ion: 85 Resp: 62089

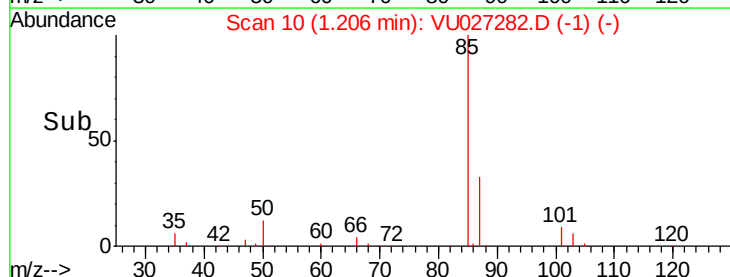
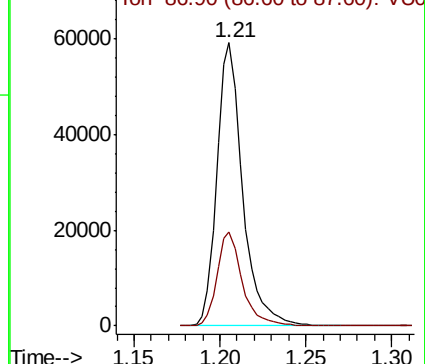
Ion Ratio Lower Upper

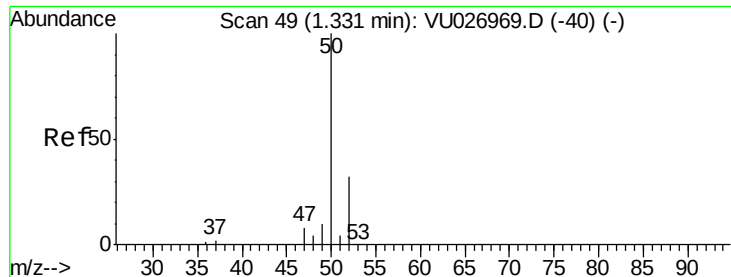
85 100

87 33.4 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)





#3

Chloromethane

Concen: 39.787 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

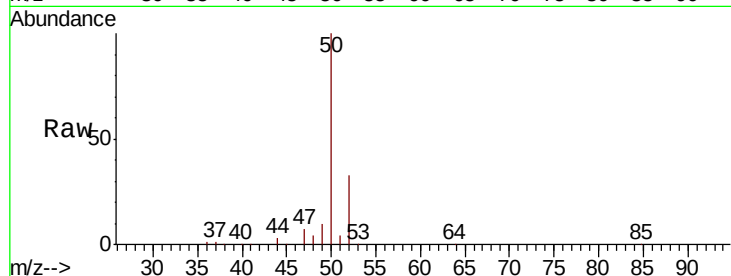
VSTDCCC050EC

Tgt Ion: 50 Resp: 92005

Ion Ratio Lower Upper

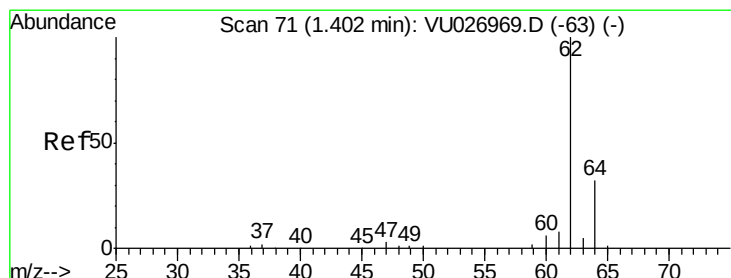
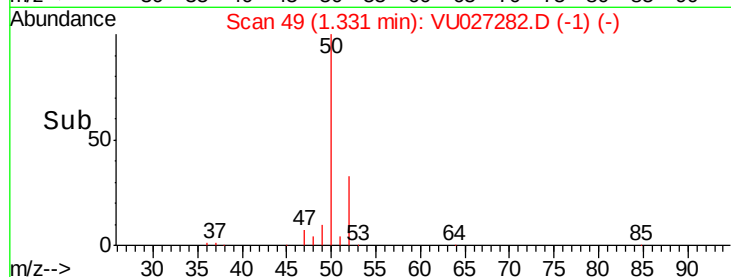
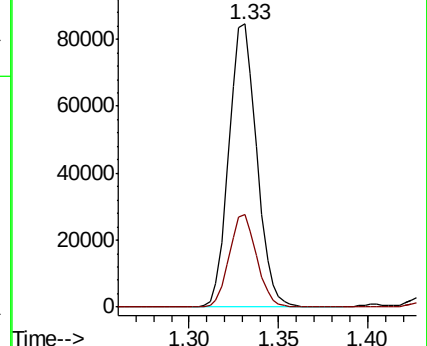
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU026969.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU027282.D (-1) (-)



#4

Vinyl Chloride

Concen: 43.658 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027282.D

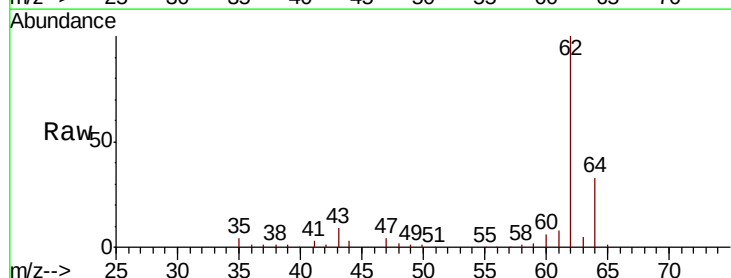
Acq: 28 Sep 2018 19:21

Tgt Ion: 62 Resp: 94236

Ion Ratio Lower Upper

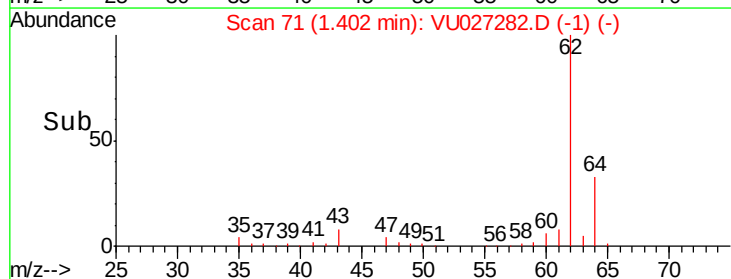
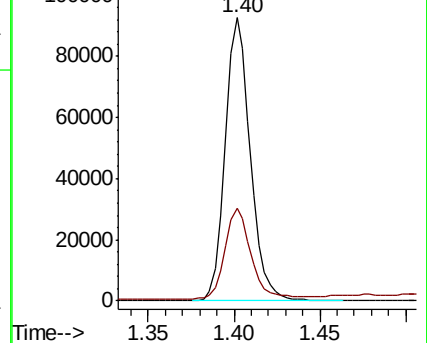
62 100

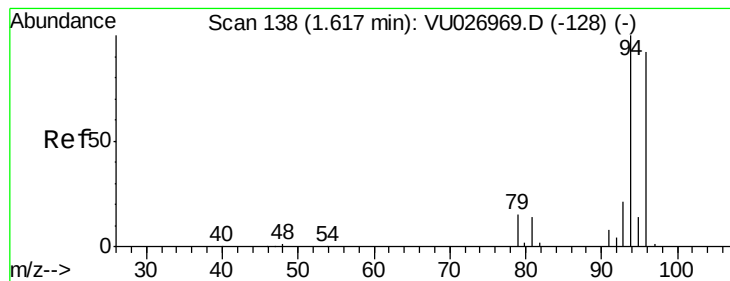
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU027282.D (-1) (-)





#5

Bromomethane

Concen: 37.177 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

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ClientSampleId :

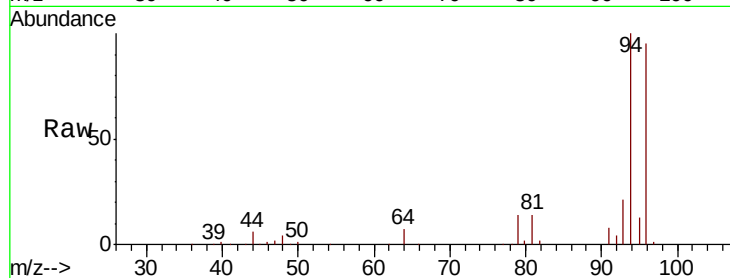
VSTDCCC050EC

Tgt Ion: 94 Resp: 45698

Ion Ratio Lower Upper

94 100

96 95.0 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU026969.D (-128) (-)

Ion 95.90 (95.60 to 96.60): VU026969.D (-128) (-)

1.61

40000

30000

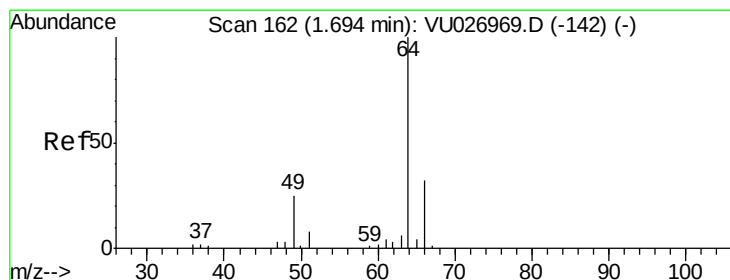
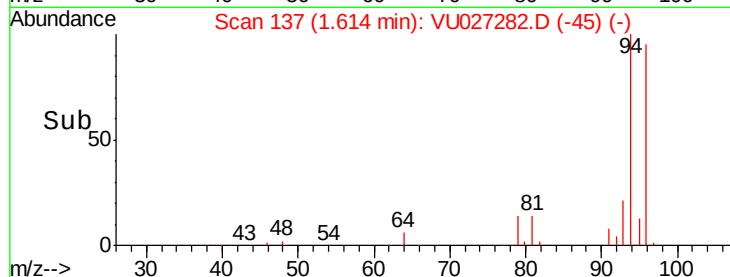
20000

10000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 43.140 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU027282.D

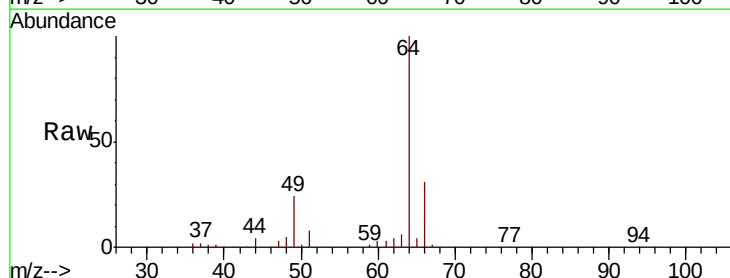
Acq: 28 Sep 2018 19:21

Tgt Ion: 64 Resp: 59498

Ion Ratio Lower Upper

64 100

66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.69

50000

40000

30000

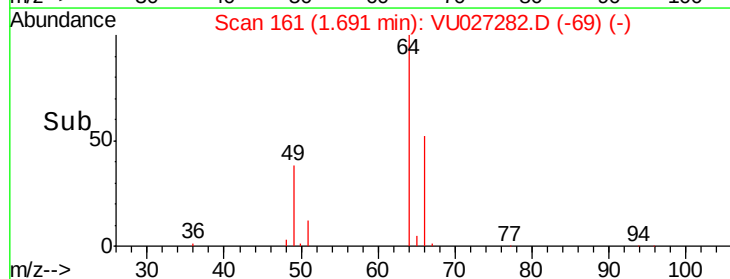
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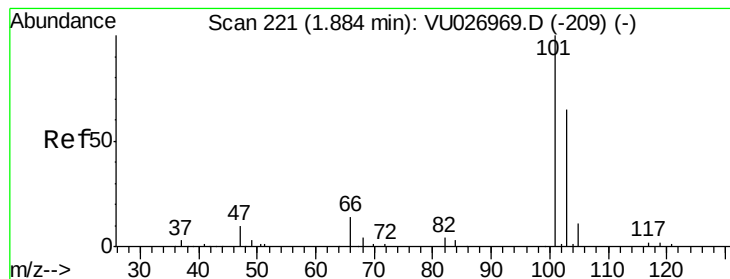
10000

0

1.65 1.70 1.75

Time-->



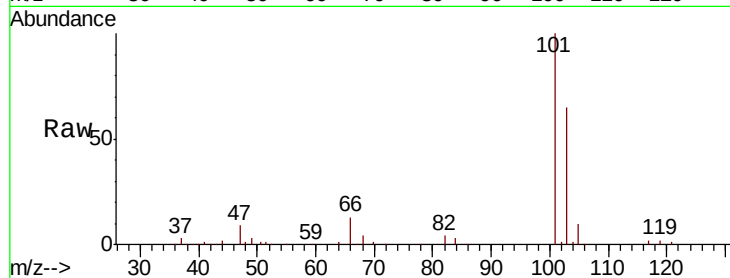


#7

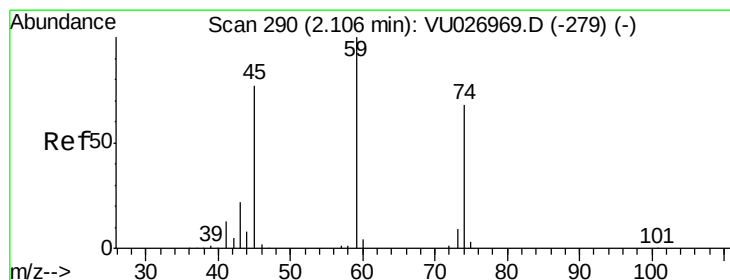
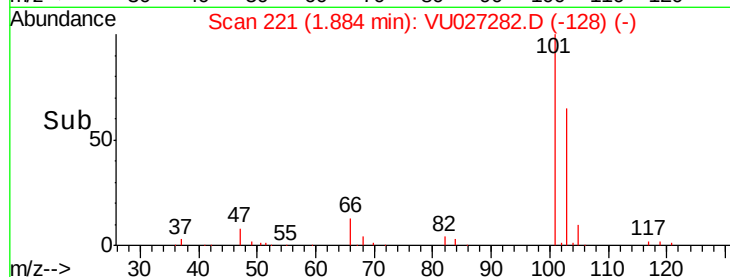
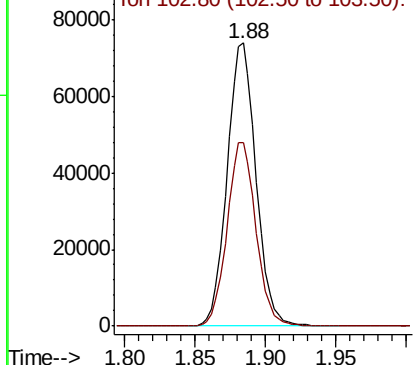
Trichlorofluoromethane
 Concen: 43.045 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Instrument :
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 ClientSampleId :
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Tgt Ion: 101 Resp: 105528
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.2



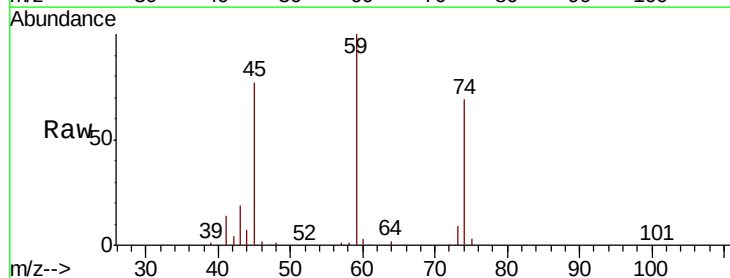
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



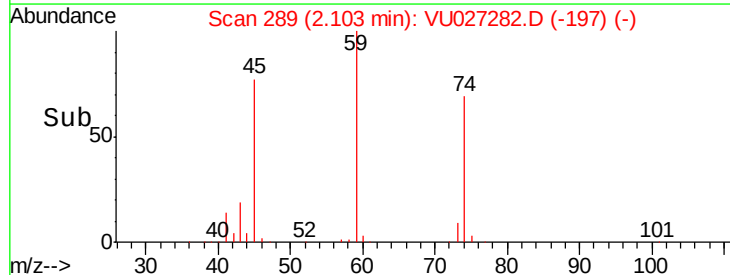
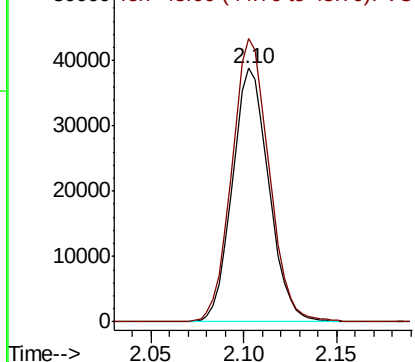
#8

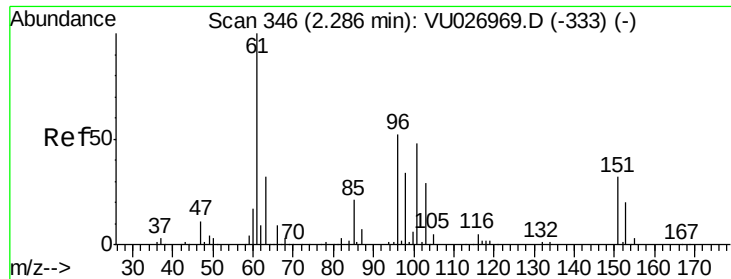
Diethyl Ether
 Concen: 44.945 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion: 74 Resp: 53036
 Ion Ratio Lower Upper
 74 100
 45 114.1 56.9 170.7



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: 43.490 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027282.D

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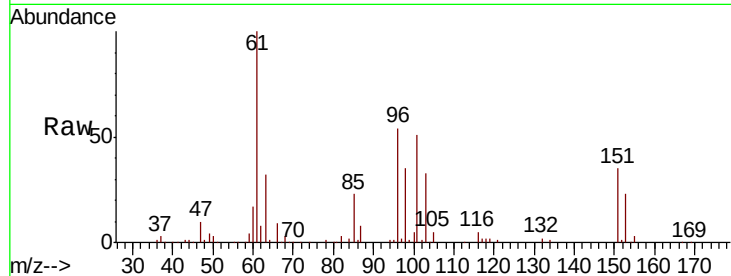
Tgt Ion:101 Resp: 65556

Ion Ratio Lower Upper

101 100

85 45.4 36.2 54.2

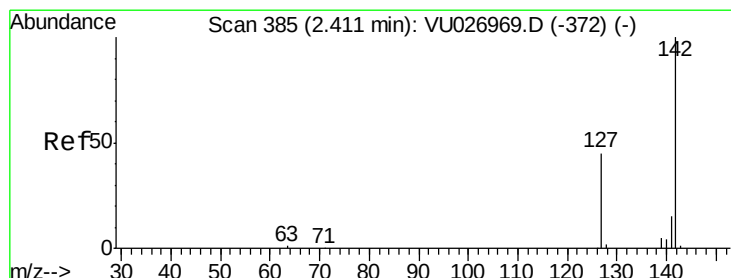
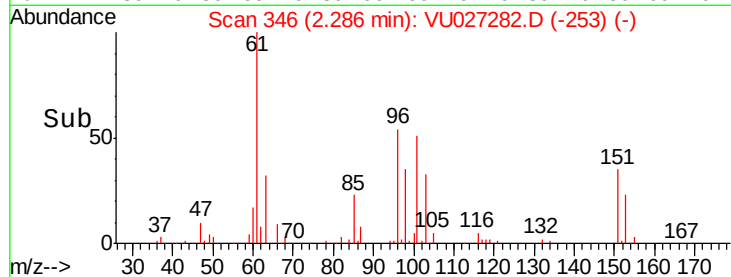
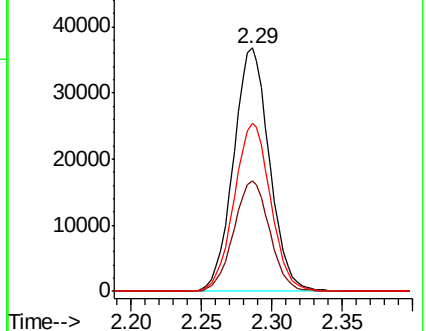
151 70.0 54.5 81.7



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: 10.364 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

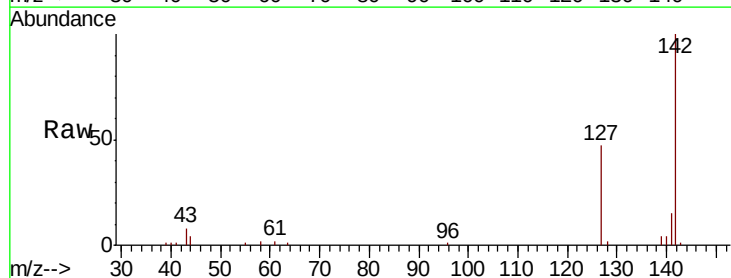
Tgt Ion:142 Resp: 19375

Ion Ratio Lower Upper

142 100

127 44.7 36.7 55.1

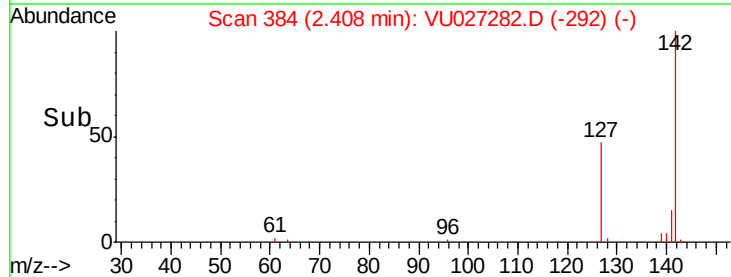
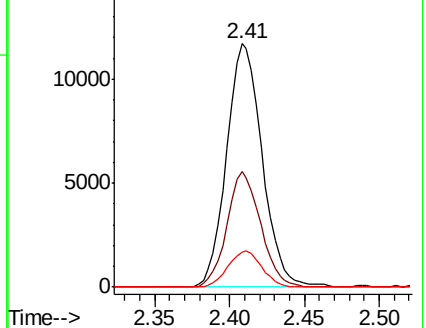
141 14.1 11.8 17.6

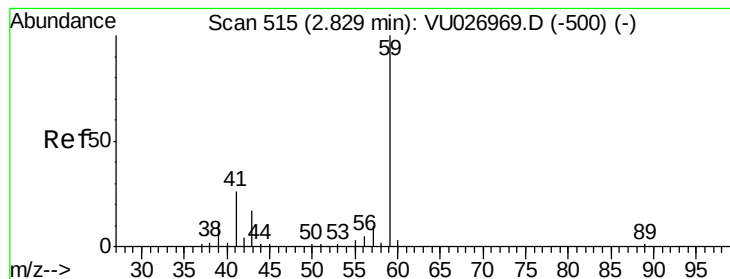


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



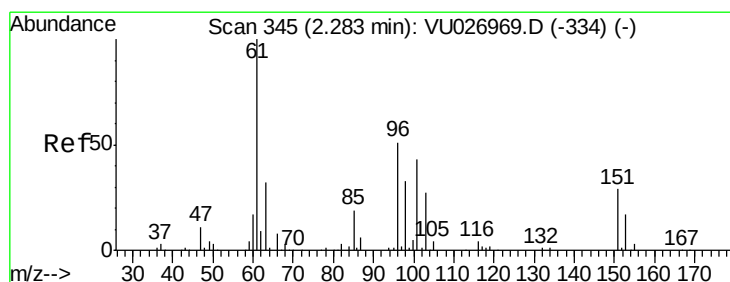
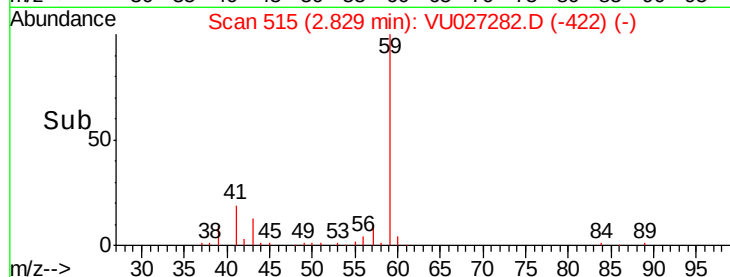
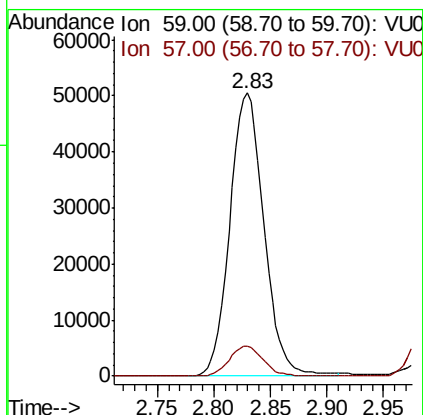
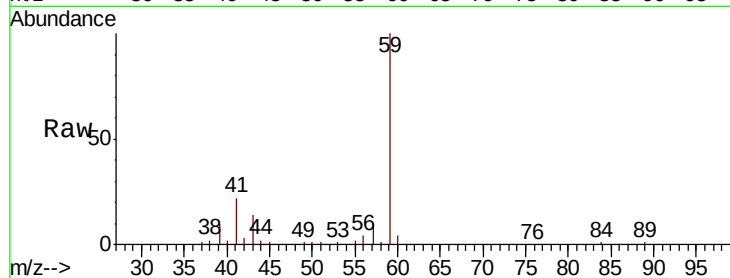


#11

Tert butyl alcohol
 Concen: 224.124 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

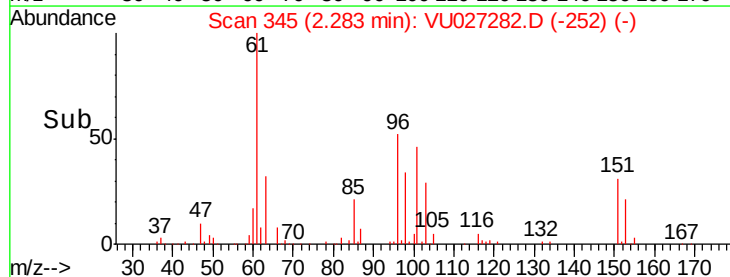
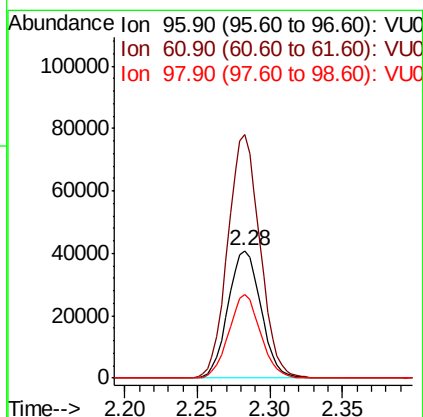
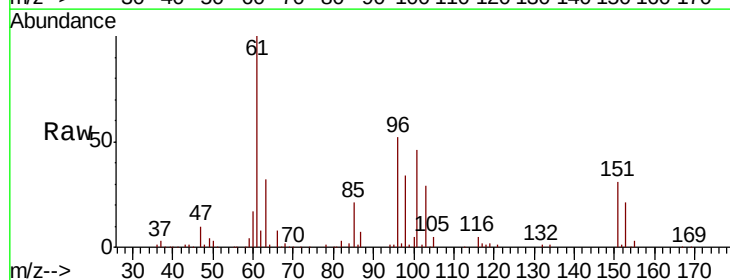
Tgt Ion: 59 Resp: 106211
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

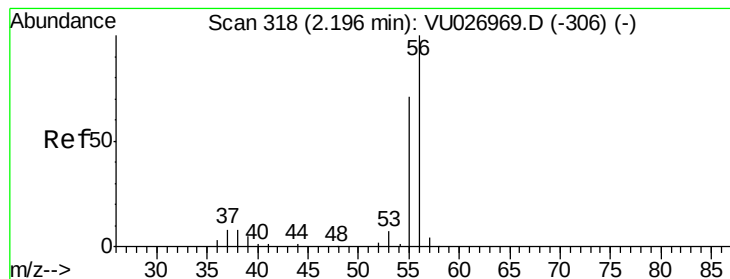


#12

1,1-Dichloroethene
 Concen: 45.354 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion: 96 Resp: 64349
 Ion Ratio Lower Upper
 96 100
 61 190.6 156.1 234.1
 98 65.3 51.4 77.0





#13

Acrolein

Concen: 201.605 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

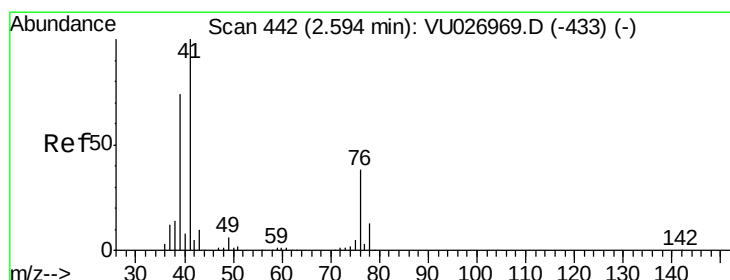
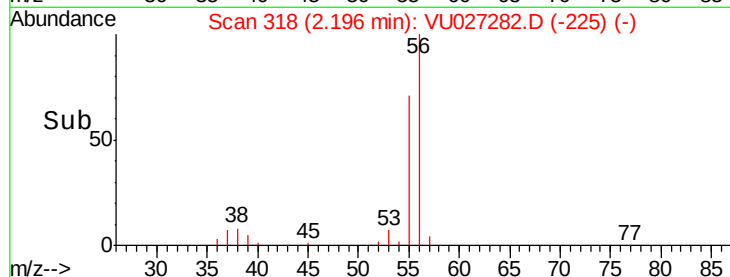
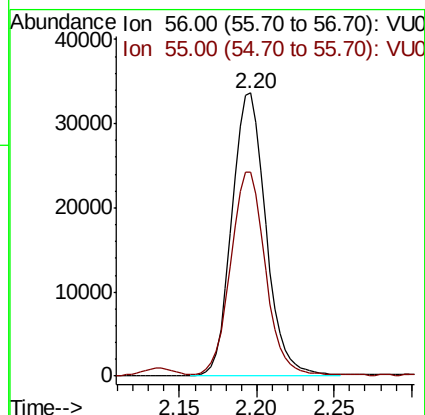
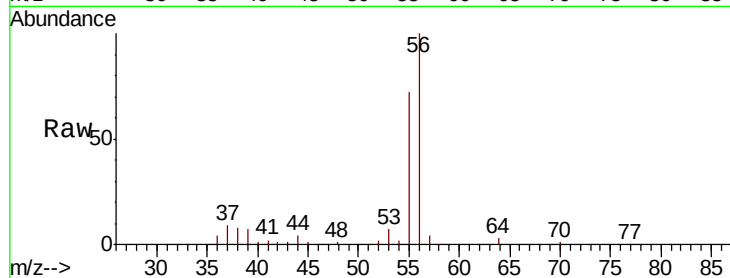
VSTDCCC050EC

Tgt Ion: 56 Resp: 51502

Ion Ratio Lower Upper

56 100

55 72.6 57.1 85.7



#14

Allyl chloride

Concen: 49.295 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

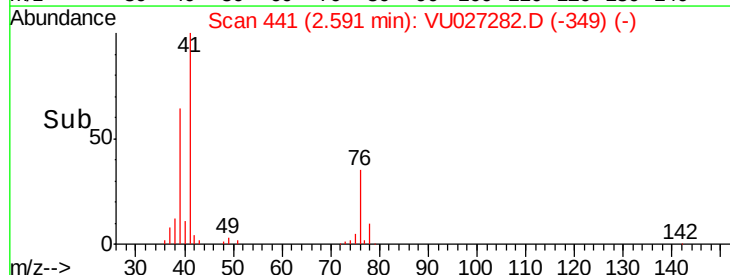
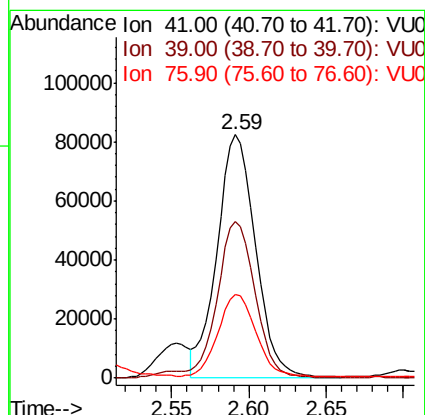
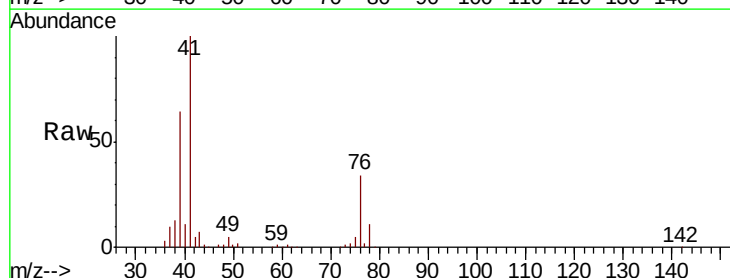
Tgt Ion: 41 Resp: 141854

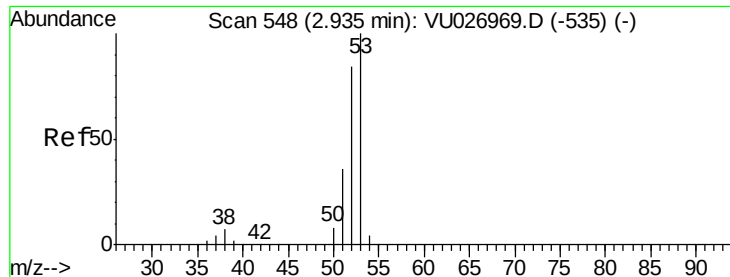
Ion Ratio Lower Upper

41 100

39 65.6 55.7 83.5

76 33.4 26.5 39.7





#15

Acrylonitrile

Concen: 235.279 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

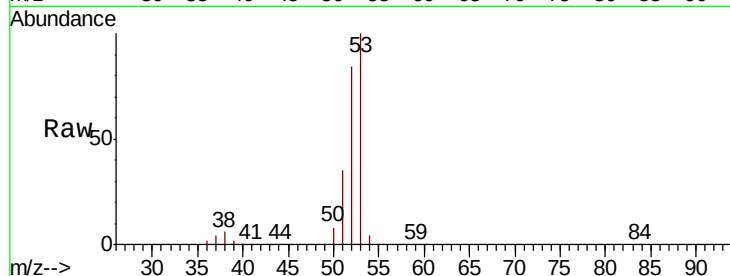
Tgt Ion: 53 Resp: 281015

Ion Ratio Lower Upper

53 100

52 82.9 65.7 98.5

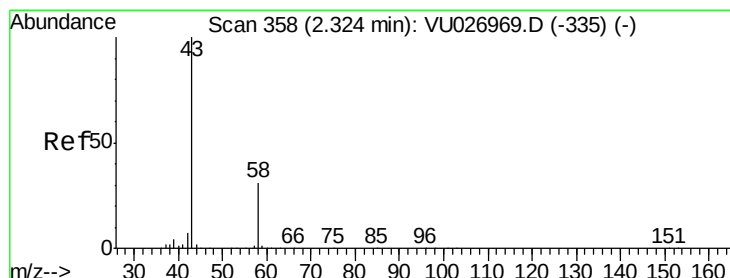
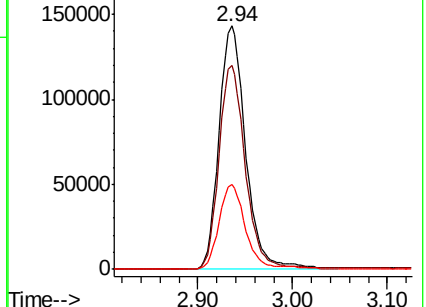
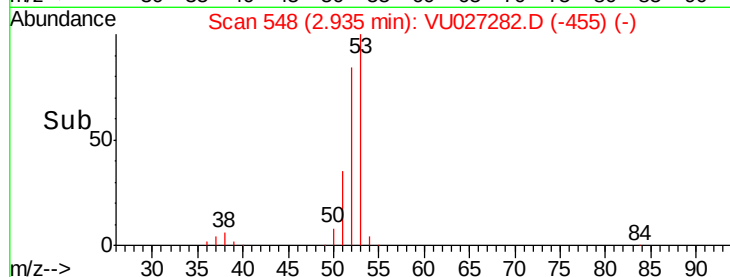
51 35.1 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU027282.D (-455) (-)

Ion 52.00 (51.70 to 52.70): VU027282.D (-455) (-)

Ion 51.00 (50.70 to 51.70): VU027282.D (-455) (-)



#16

Acetone

Concen: 222.610 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027282.D

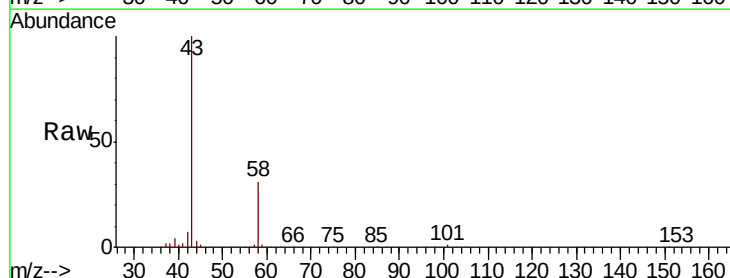
Acq: 28 Sep 2018 19:21

Tgt Ion: 43 Resp: 246478

Ion Ratio Lower Upper

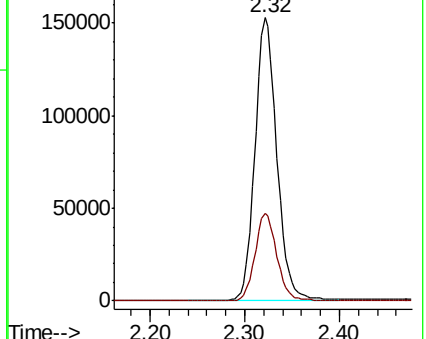
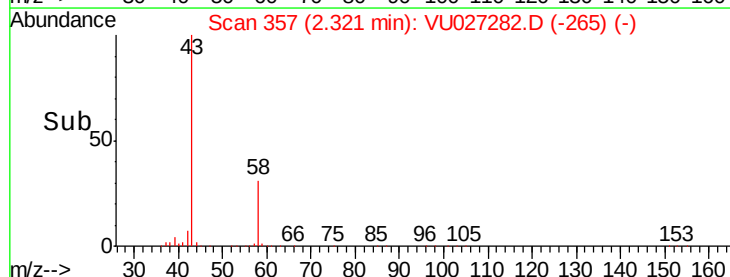
43 100

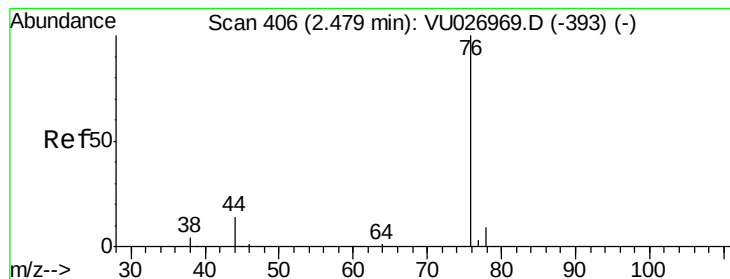
58 31.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU027282.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU027282.D (-265) (-)





#17

Carbon Disulfide

Concen: 45.838 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

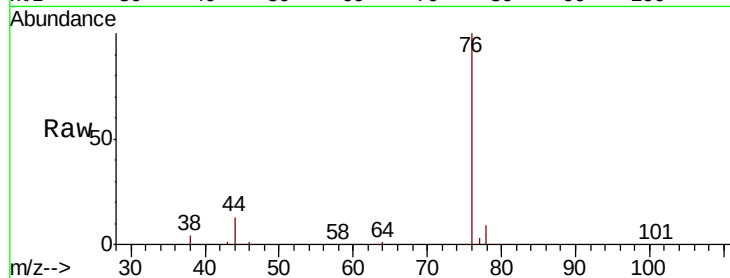
VSTDCCC050EC

Tgt Ion: 76 Resp: 211861

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU026969.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VU026969.D (-393) (-)

2.48

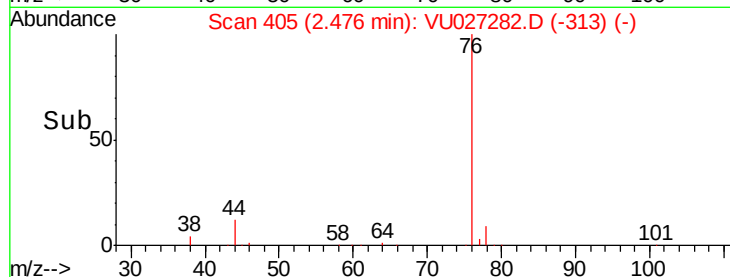
150000

100000

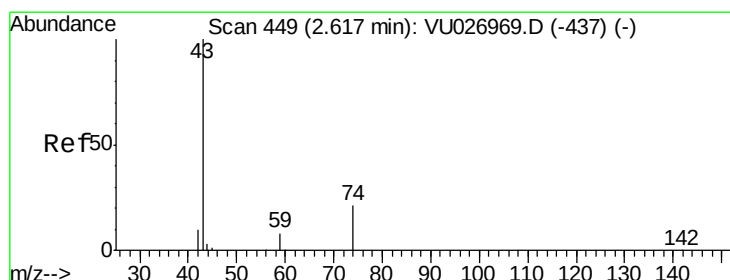
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 51.250 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027282.D

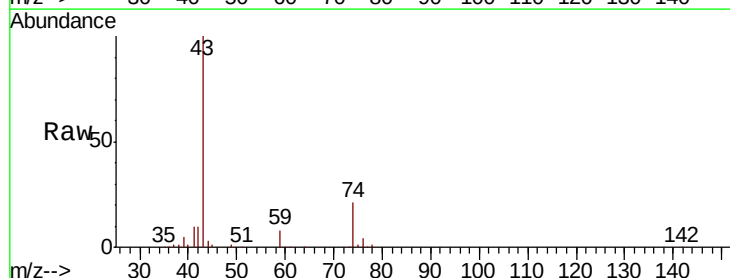
Acq: 28 Sep 2018 19:21

Tgt Ion: 43 Resp: 150816

Ion Ratio Lower Upper

43 100

74 21.1 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-437) (-)

Ion 74.00 (73.70 to 74.70): VU026969.D (-437) (-)

2.62

100000

80000

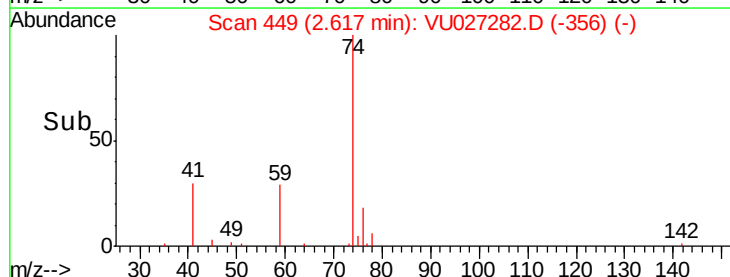
60000

40000

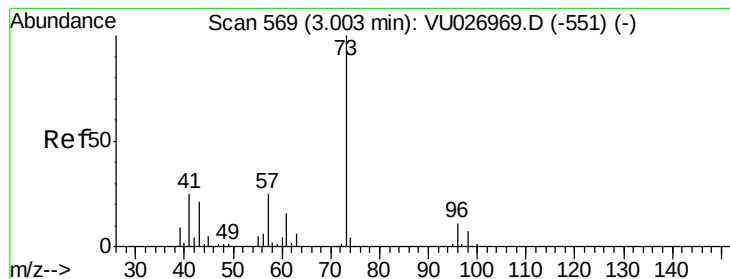
20000

0

Time-->



Time-->

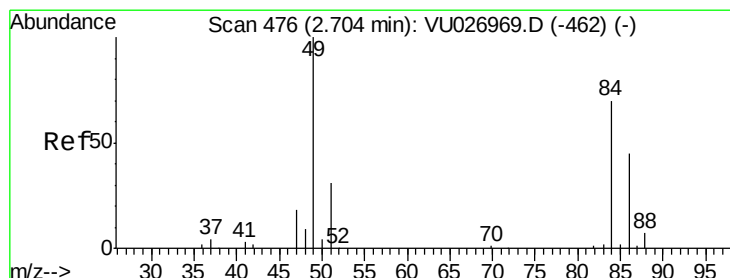
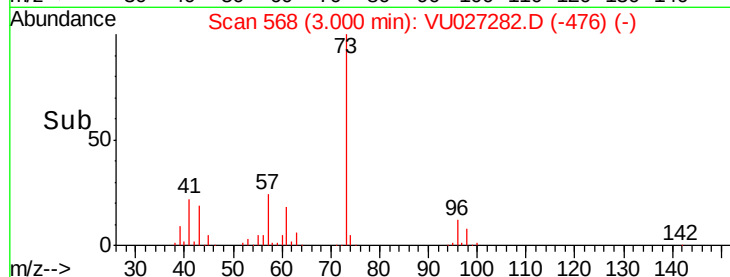
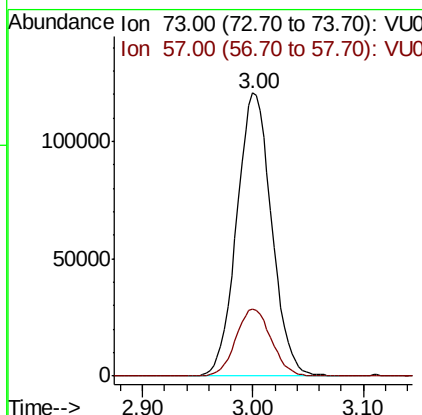
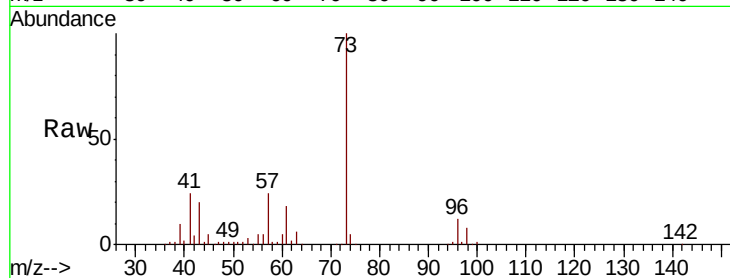


#19

Methyl tert-butyl Ether
 Concen: 50.655 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

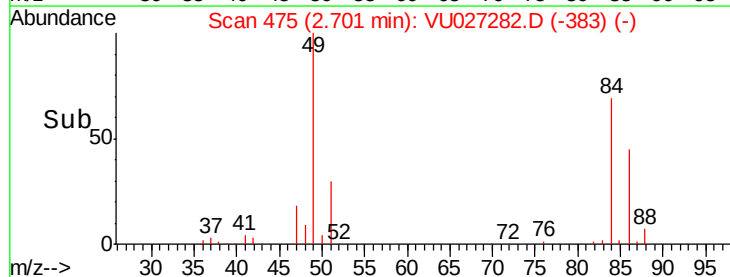
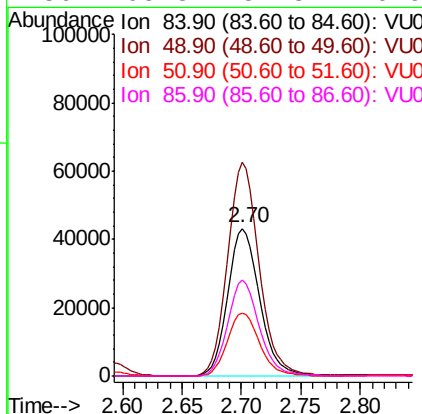
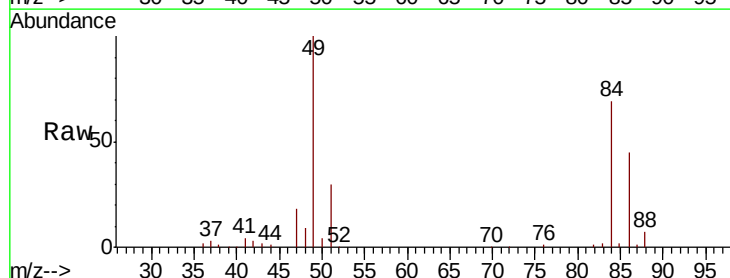
Tgt Ion: 73 Resp: 264102
 Ion Ratio Lower Upper
 73 100
 57 23.9 19.8 29.6

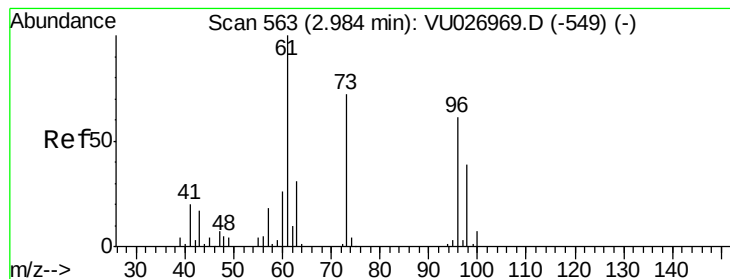


#20

Methylene Chloride
 Concen: 43.494 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion: 84 Resp: 80534
 Ion Ratio Lower Upper
 84 100
 49 144.8 114.9 172.3
 51 42.9 35.8 53.8
 86 65.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.213 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

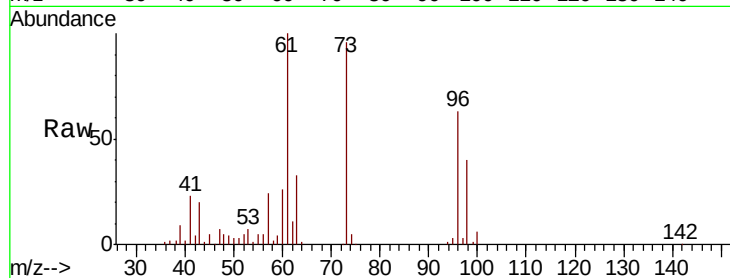
Tgt Ion: 96 Resp: 71518

Ion Ratio Lower Upper

96 100

61 159.1 131.8 197.6

98 63.9 50.9 76.3

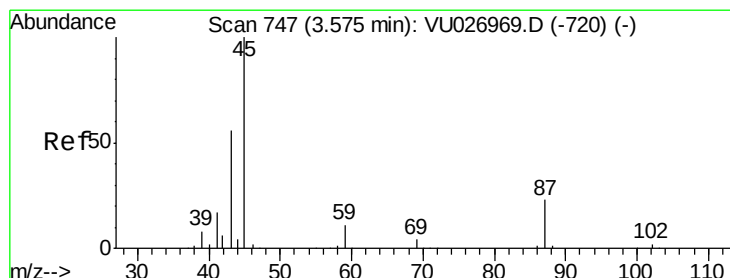
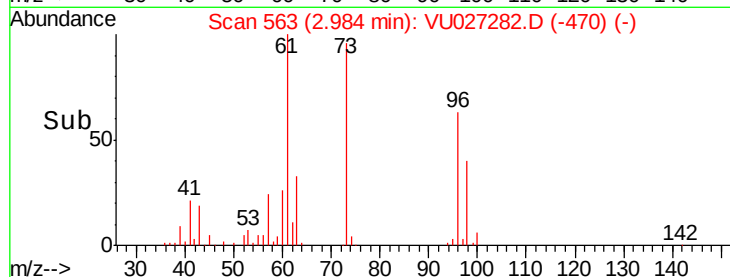
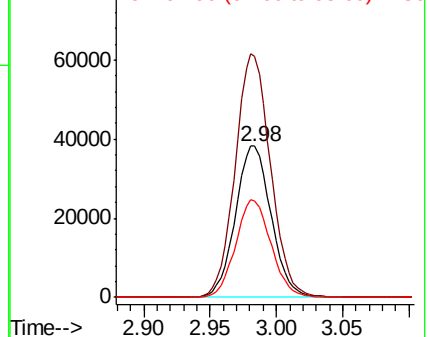


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 50.428 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Tgt Ion: 45 Resp: 310390

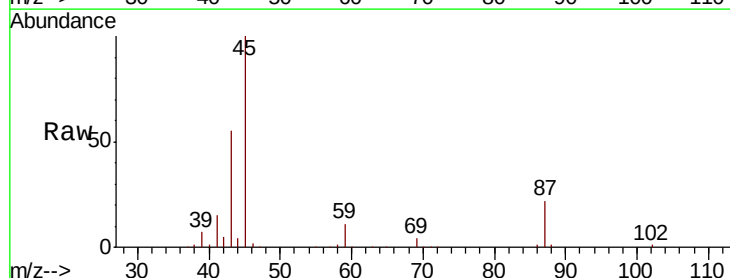
Ion Ratio Lower Upper

45 100

43 52.7 45.8 68.6

87 22.5 18.6 28.0

59 10.7 9.0 13.4



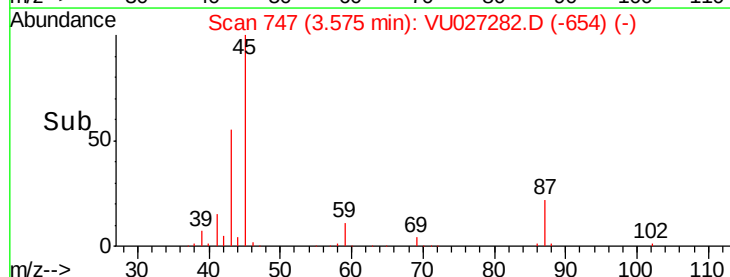
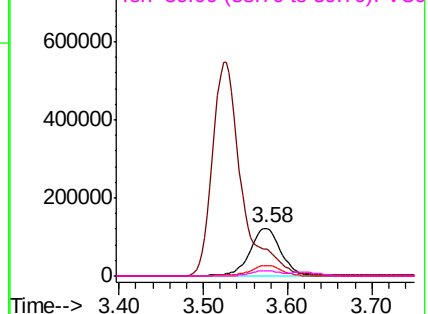
Abundance

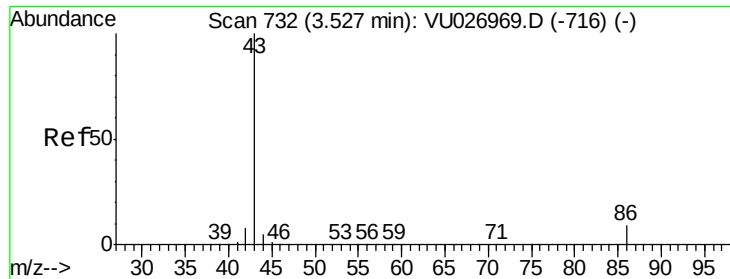
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 251.892 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

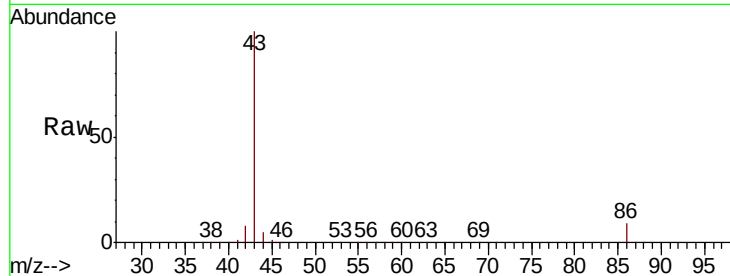
VSTDCCC050EC

Tgt Ion: 43 Resp: 1321606

Ion Ratio Lower Upper

43 100

86 9.3 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-716) (-)

Ion 86.00 (85.70 to 86.70): VU026969.D (-716) (-)

3.53

600000

500000

400000

300000

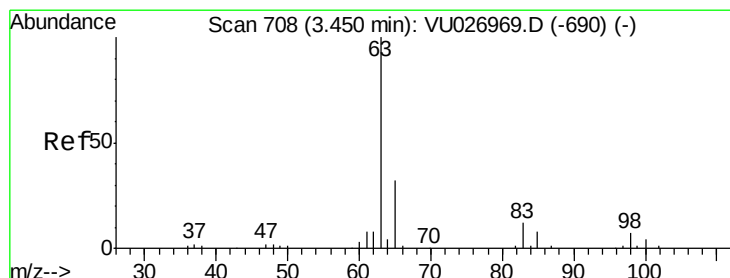
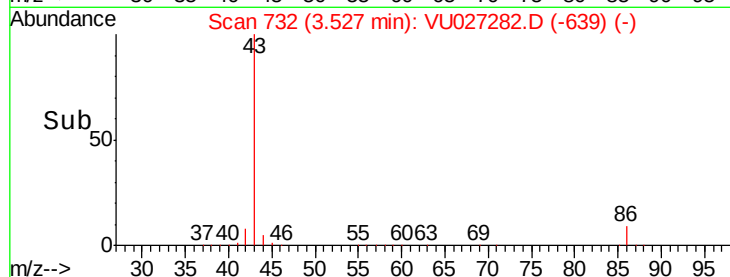
200000

100000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 47.426 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

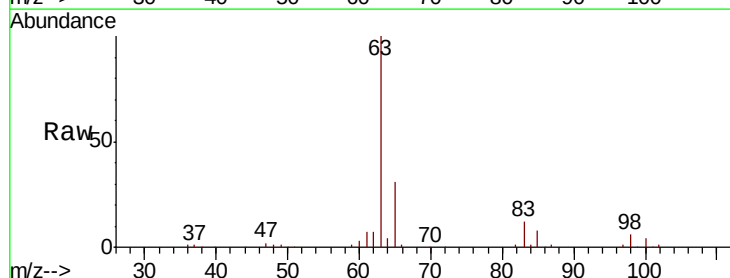
Tgt Ion: 63 Resp: 160773

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU026969.D (-690) (-)

3.45

100000

80000

60000

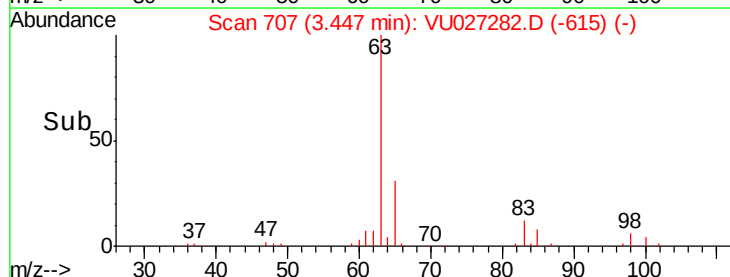
40000

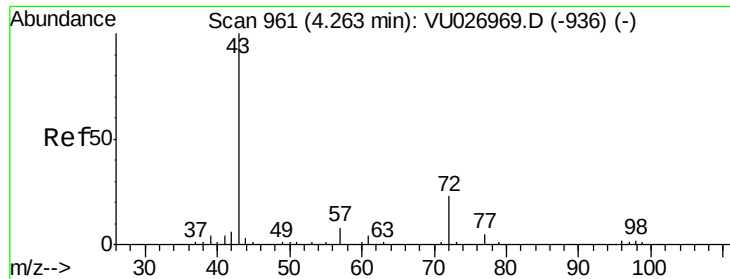
20000

0

3.40 3.50

Time-->





#25

2-Butanone

Concen: 228.764 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

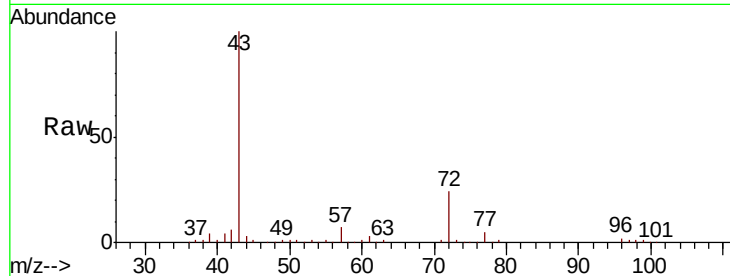
VSTDCCC050EC

Tgt Ion: 43 Resp: 397484

Ion Ratio Lower Upper

43 100

72 23.9 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

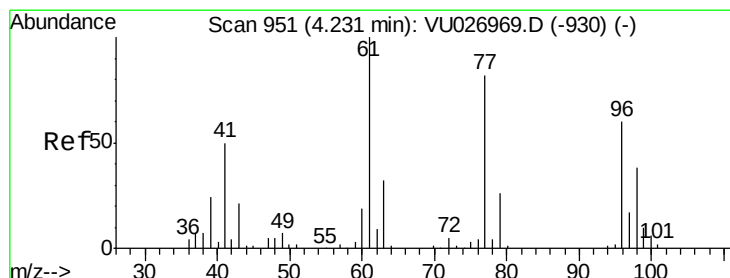
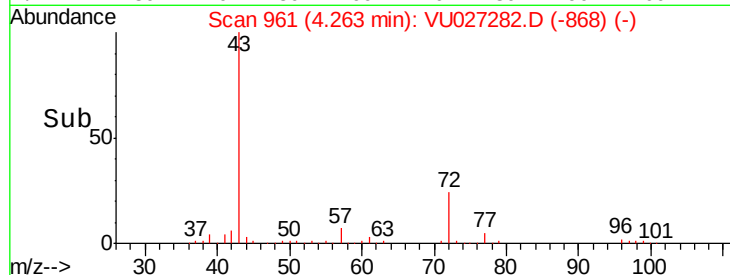
150000

100000

50000

0

Time--> 4.10 4.20 4.30



#26

2,2-Dichloropropane

Concen: 45.744 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027282.D

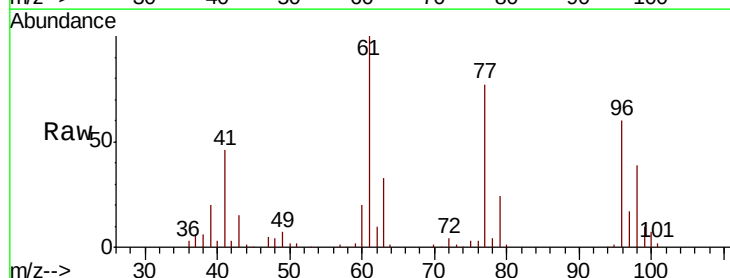
Acq: 28 Sep 2018 19:21

Tgt Ion: 77 Resp: 120936

Ion Ratio Lower Upper

77 100

97 21.5 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

50000

40000

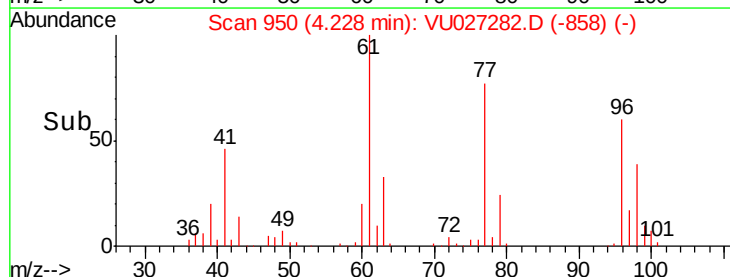
30000

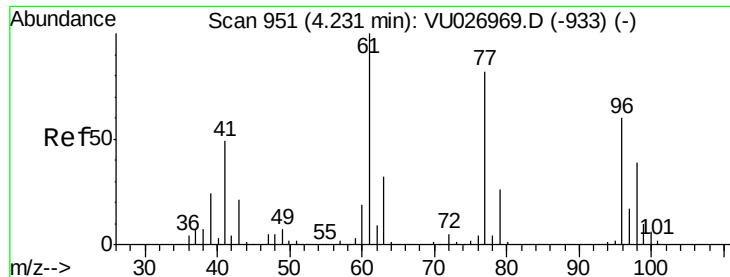
20000

10000

0

Time--> 4.10 4.20 4.30



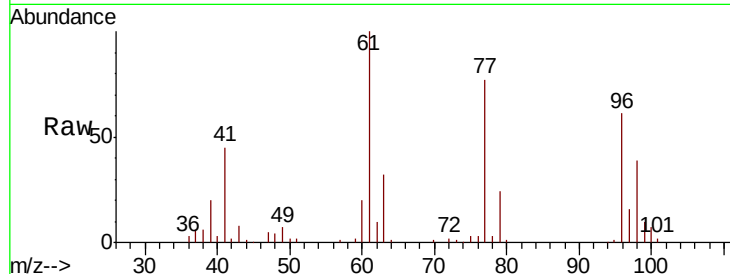


#27

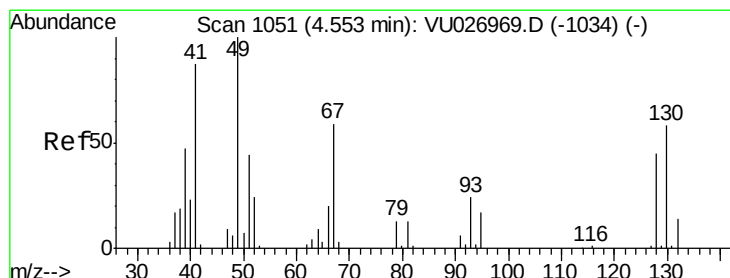
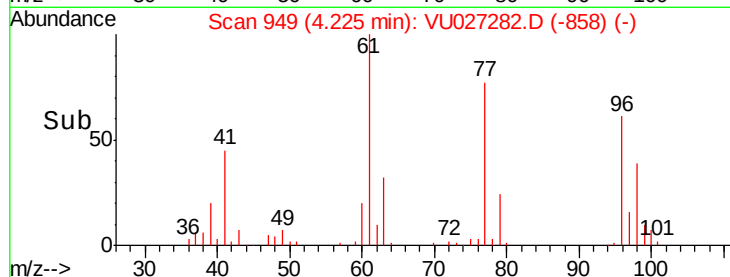
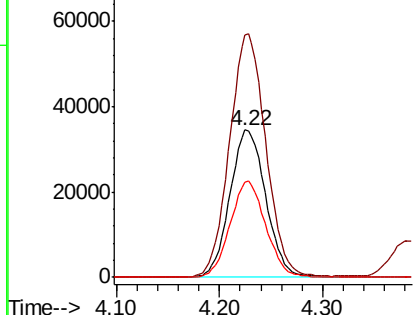
cis-1,2-Dichloroethene
 Concen: 48.883 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 83625
 Ion Ratio Lower Upper
 96 100
 61 167.0 0.0 337.2
 98 64.6 0.0 127.6



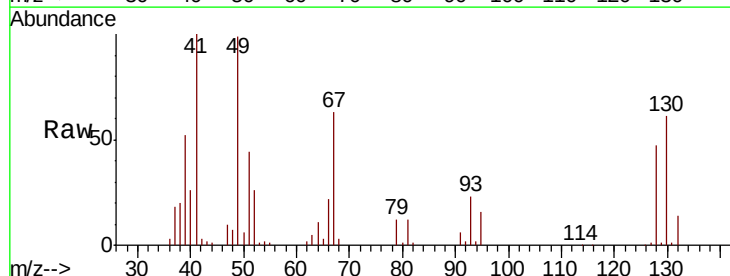
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



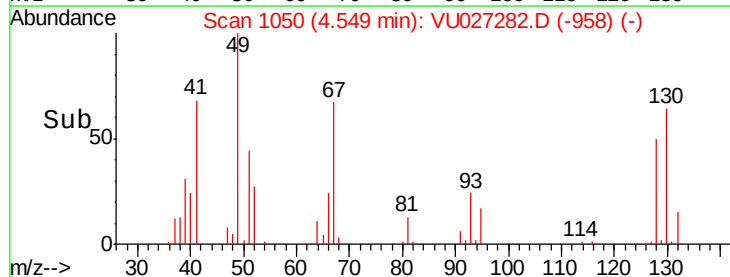
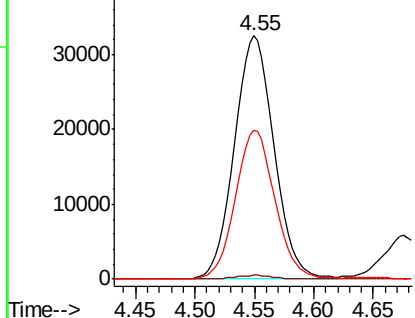
#28

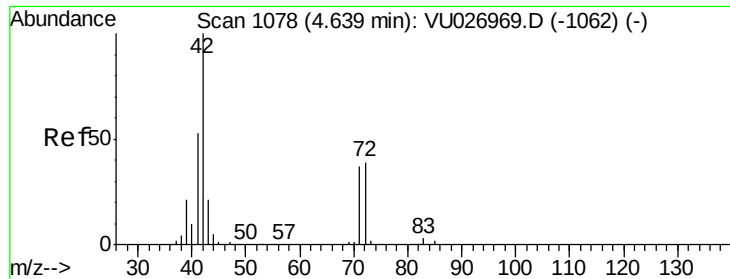
Bromochloromethane
 Concen: 46.050 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion: 49 Resp: 75251
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 60.7 47.8 71.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 245.953 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

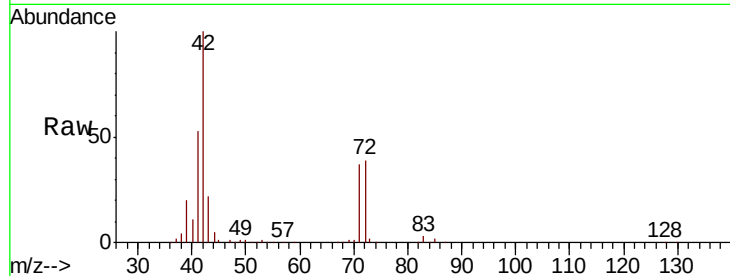
Tgt Ion: 42 Resp: 258518

Ion Ratio Lower Upper

42 100

72 40.0 31.7 47.5

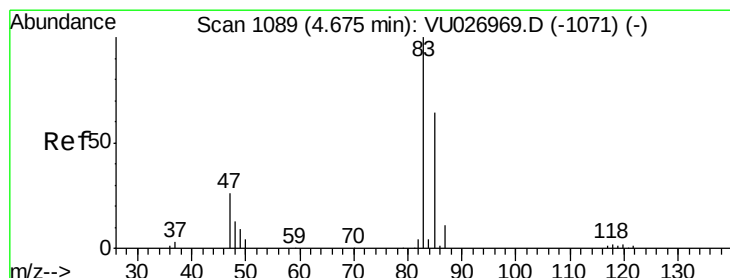
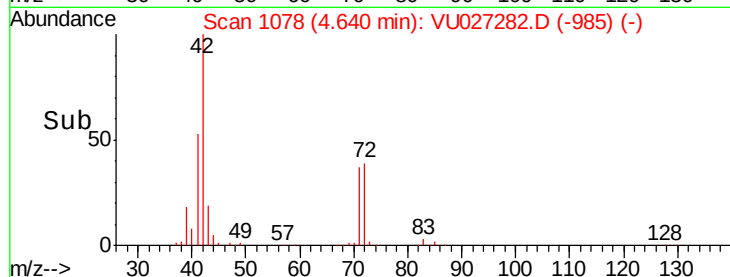
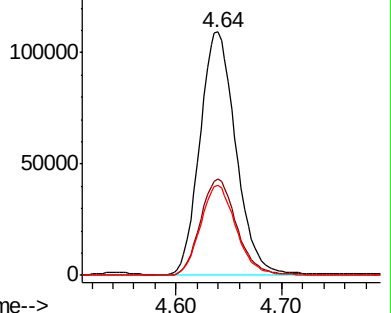
71 36.9 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU026969.D (-1062) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-1062) (-)

Ion 71.00 (70.70 to 71.70): VU026969.D (-1062) (-)



#30

Chloroform

Concen: 45.334 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027282.D

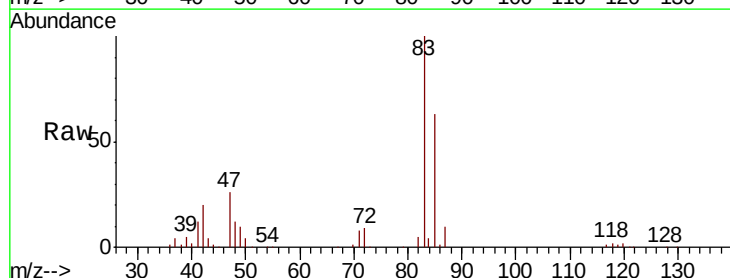
Acq: 28 Sep 2018 19:21

Tgt Ion: 83 Resp: 142652

Ion Ratio Lower Upper

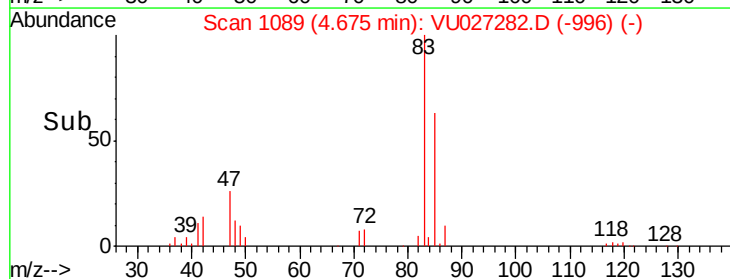
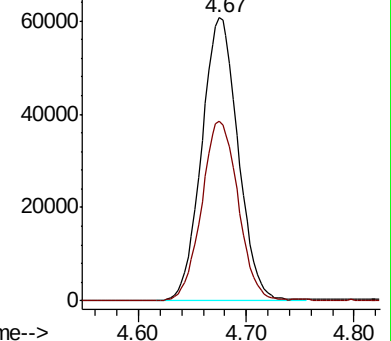
83 100

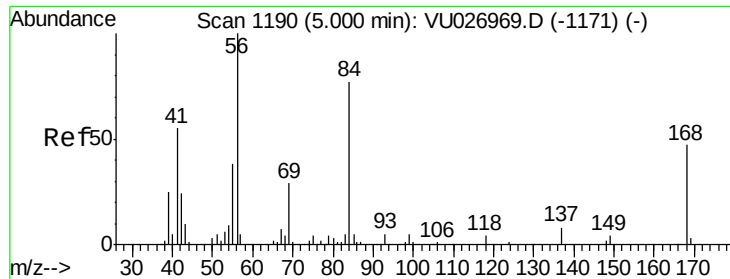
85 63.5 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-1071) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-1071) (-)

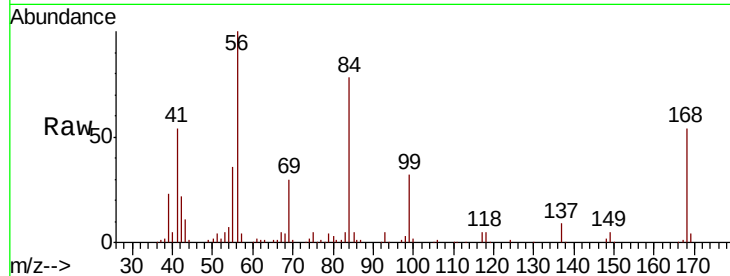




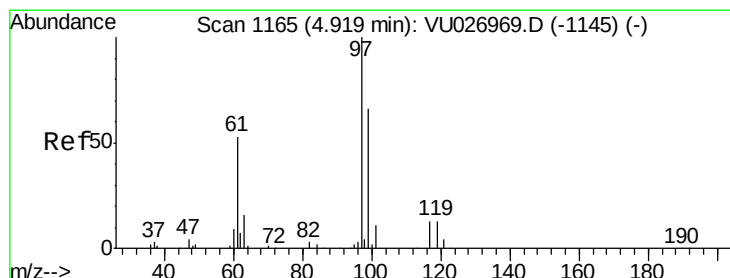
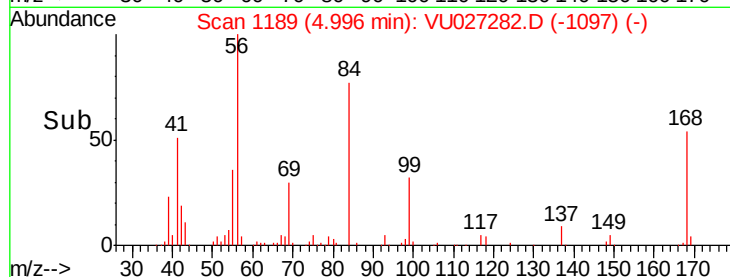
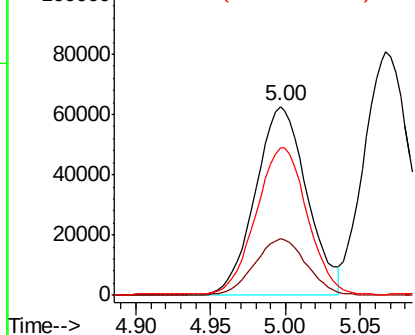
#31
Cyclohexane
Concen: 48.716 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 150167
Ion Ratio Lower Upper
56 100
69 29.7 23.0 34.4
84 77.3 61.4 92.2

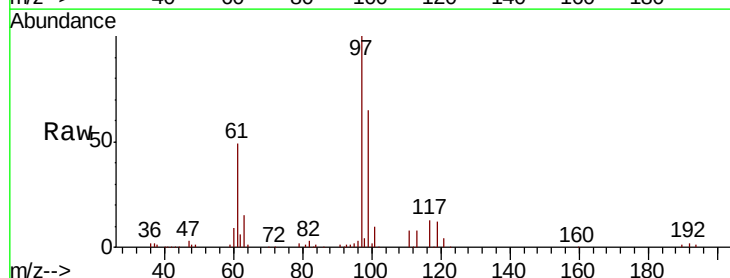


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

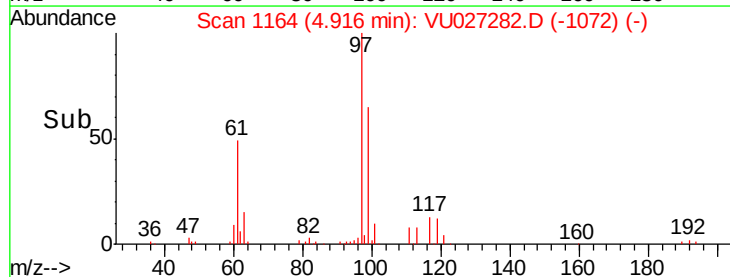
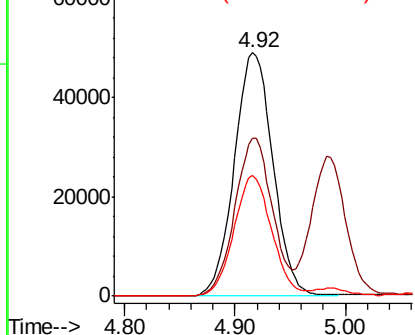


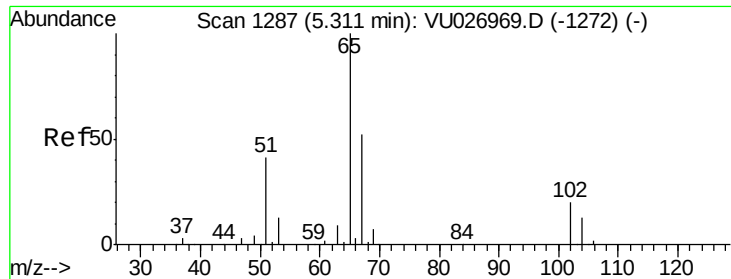
#32
1,1,1-Trichloroethane
Concen: 47.406 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Tgt Ion: 97 Resp: 119102
Ion Ratio Lower Upper
97 100
99 63.1 51.8 77.6
61 48.5 41.1 61.7



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

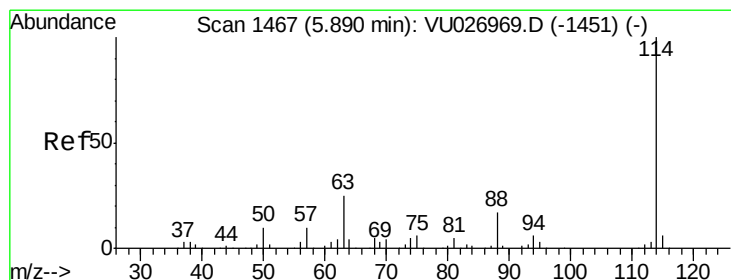
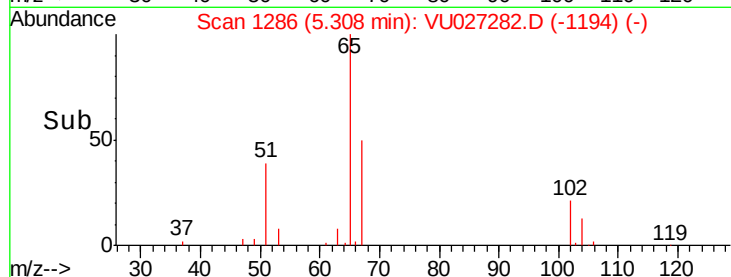
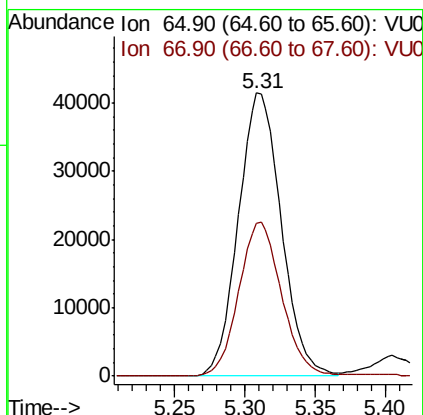
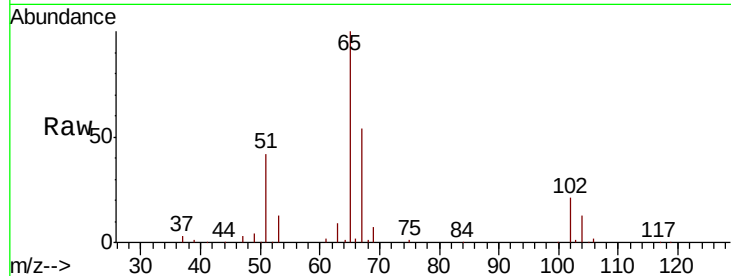




#33
 1,2-Dichloroethane-d4
 Concen: 42.758 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

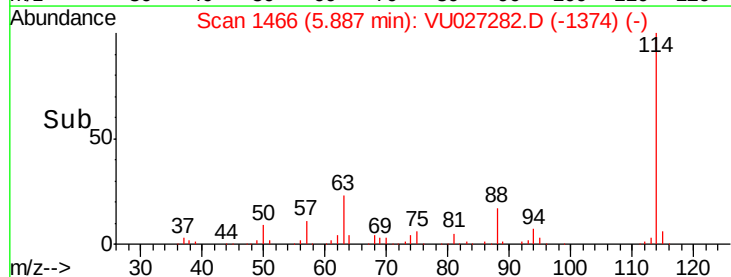
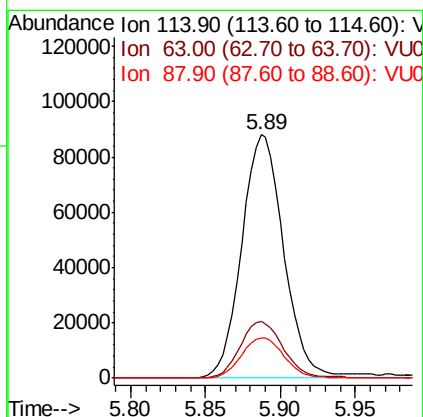
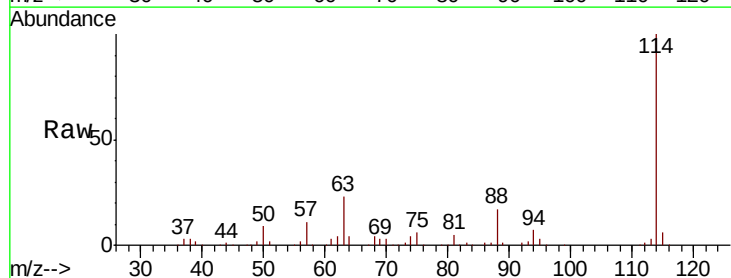
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

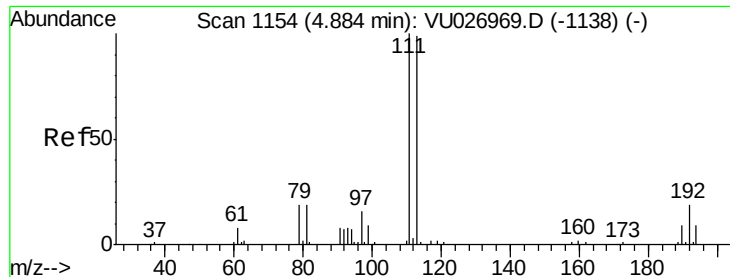
Tgt Ion: 65 Resp: 88403
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion: 114 Resp: 171400
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 49.2
 88 16.6 0.0 33.8

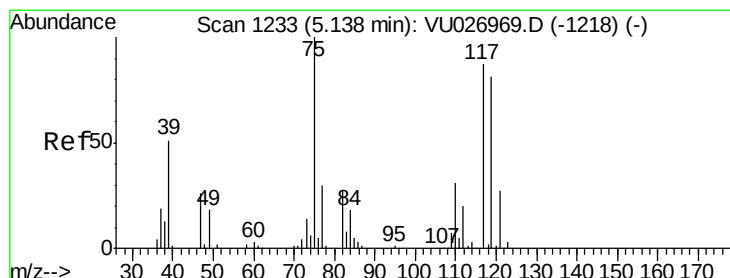
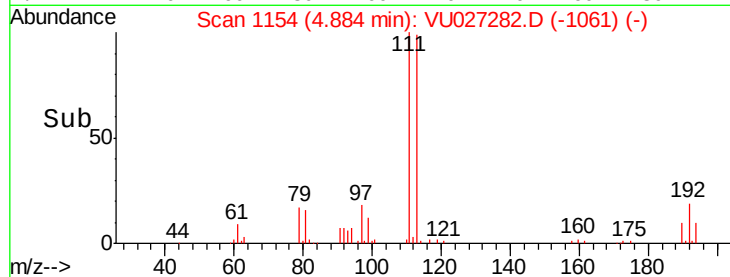
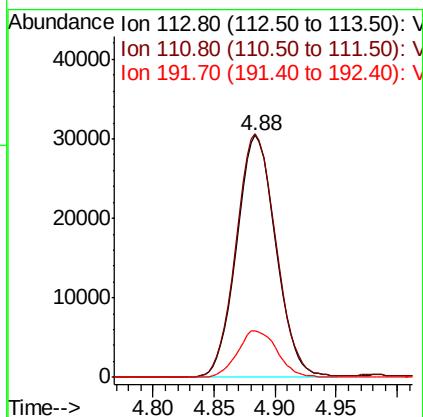
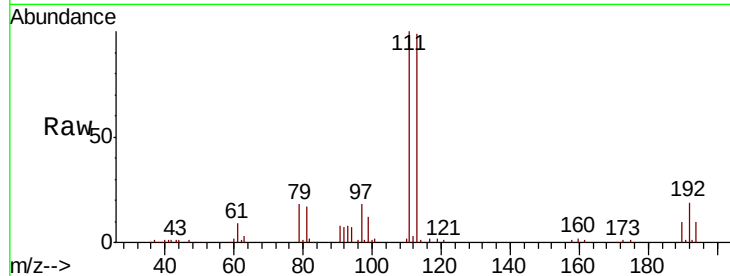




#35
 Dibromofluoromethane
 Concen: 45.675 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

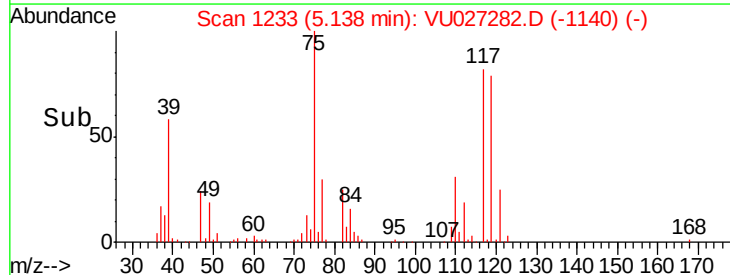
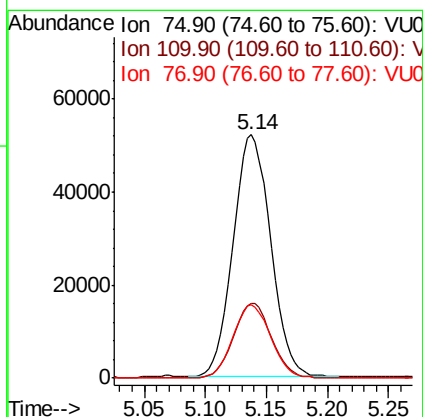
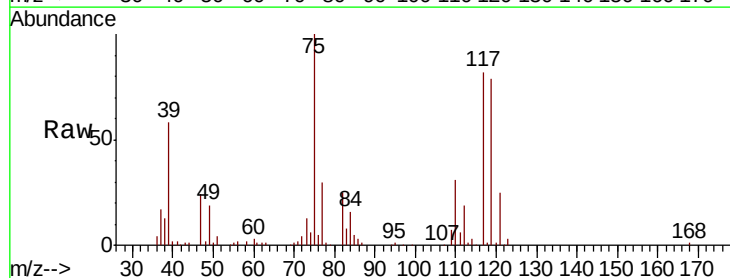
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

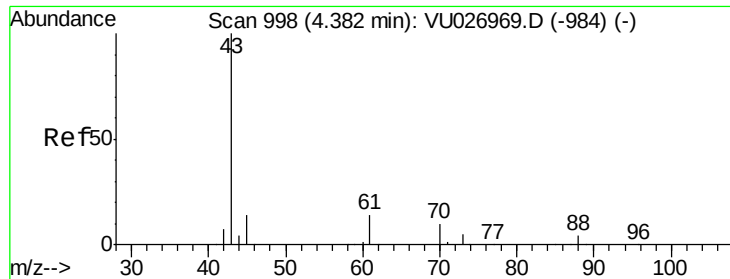
Tgt Ion: 113 Resp: 67860
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 19.5 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 48.472 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion: 75 Resp: 110882
 Ion Ratio Lower Upper
 75 100
 110 31.3 16.1 48.2
 77 30.1 24.6 36.8

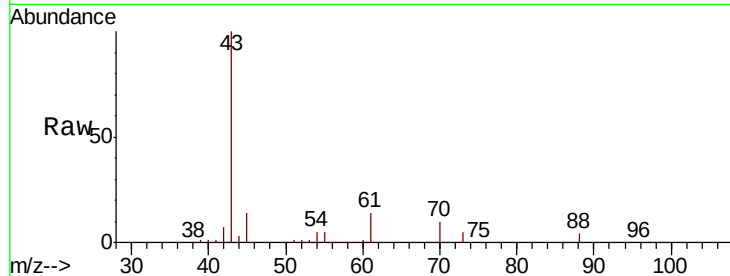




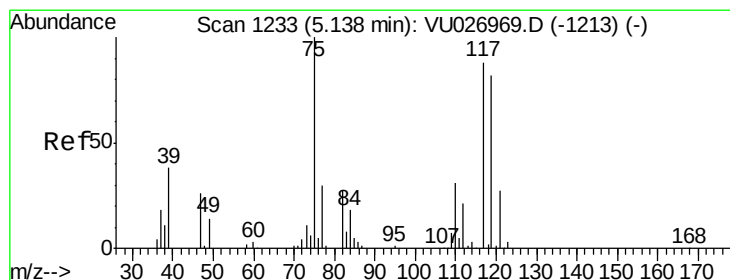
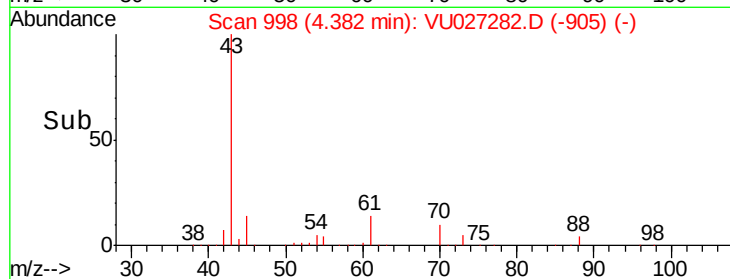
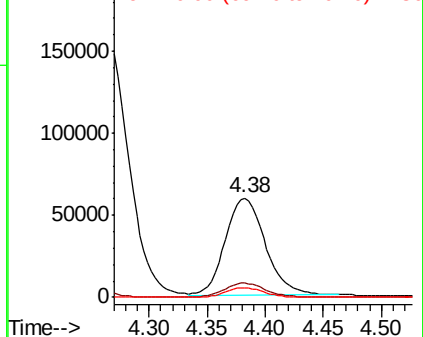
#37
Ethyl Acetate
Concen: 46.195 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 143053
Ion Ratio Lower Upper
43 100
61 14.6 10.5 15.7
70 9.7 7.4 11.0

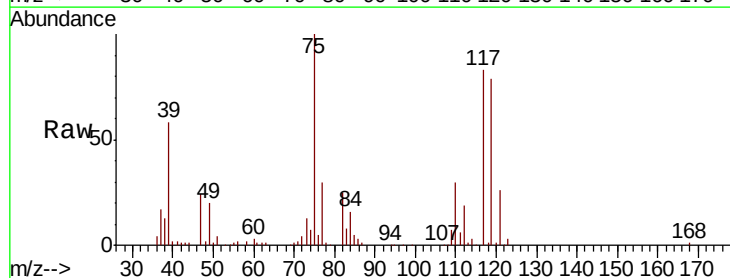


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

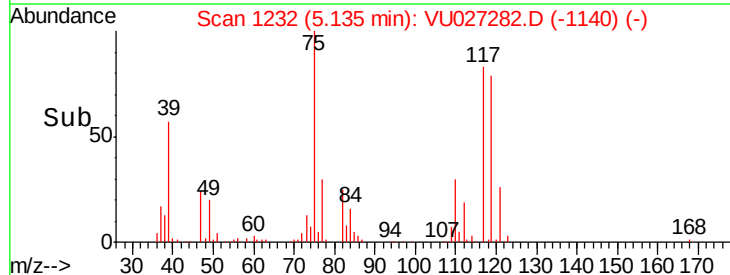
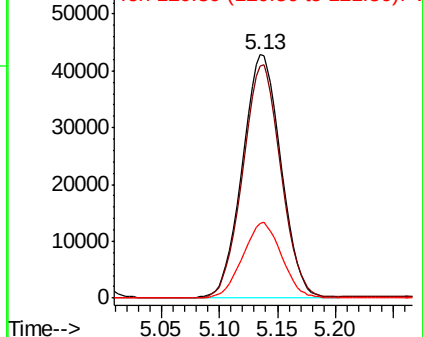


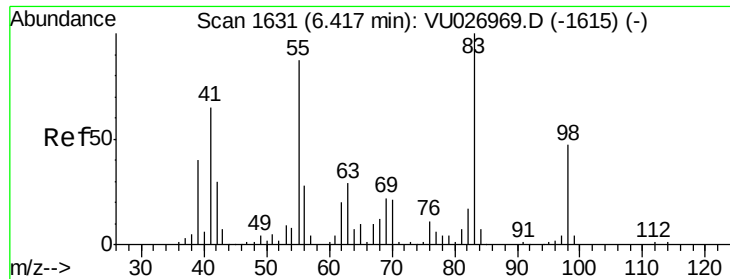
#38
Carbon Tetrachloride
Concen: 45.707 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Tgt Ion: 117 Resp: 99500
Ion Ratio Lower Upper
117 100
119 95.4 74.4 111.6
121 30.9 24.2 36.4



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

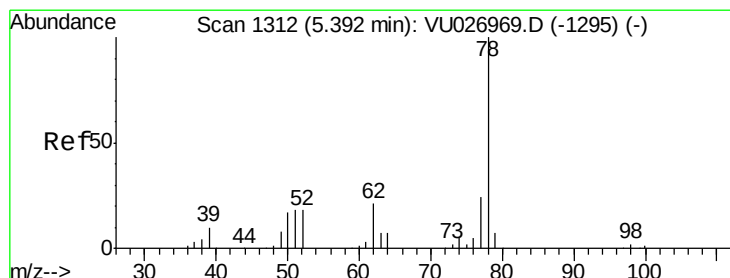
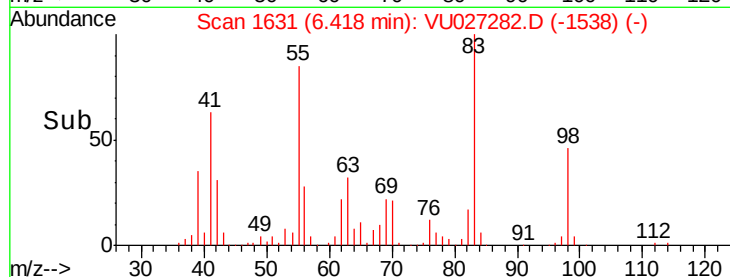
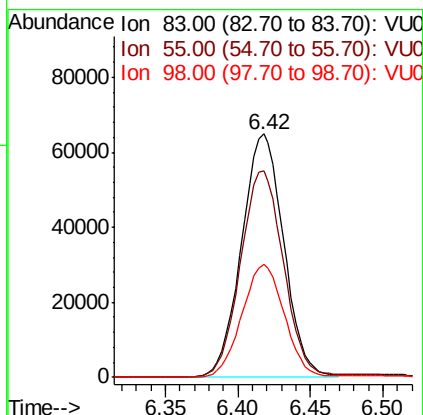
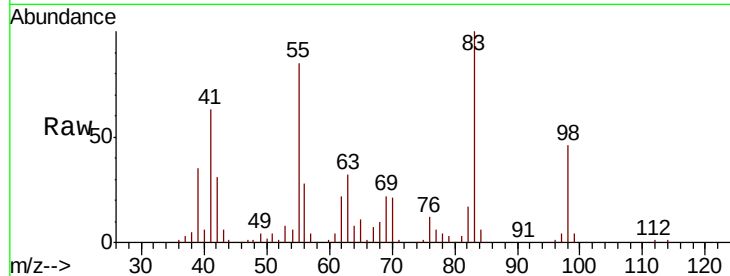




#39
Methylcyclohexane
Concen: 52.752 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

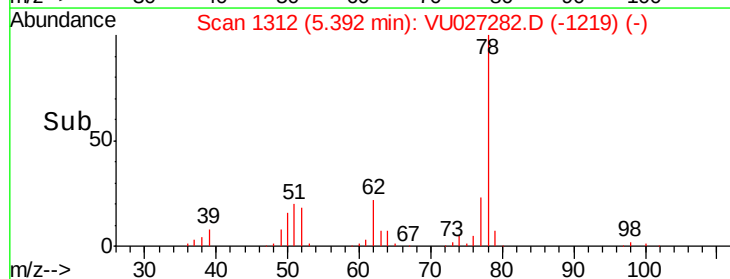
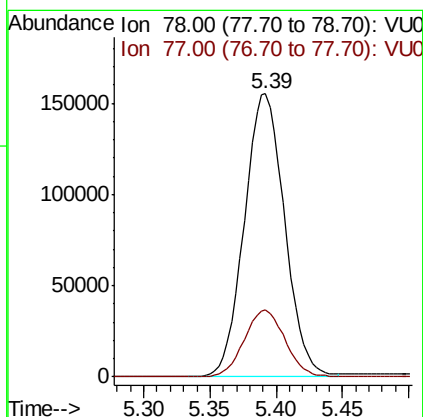
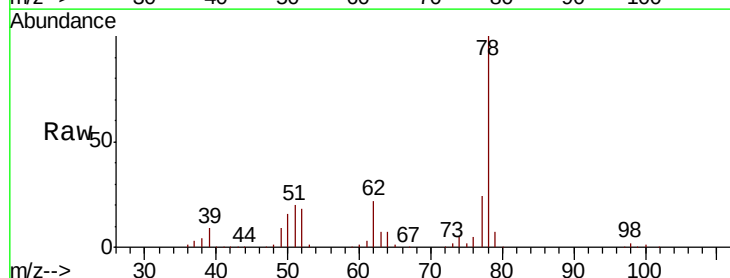
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

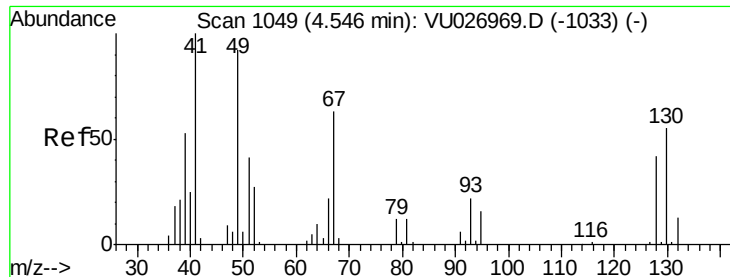
Tgt Ion: 83 Resp: 131135
Ion Ratio Lower Upper
83 100
55 84.8 69.9 104.9
98 46.4 37.5 56.3



#40
Benzene
Concen: 47.145 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Tgt Ion: 78 Resp: 327847
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

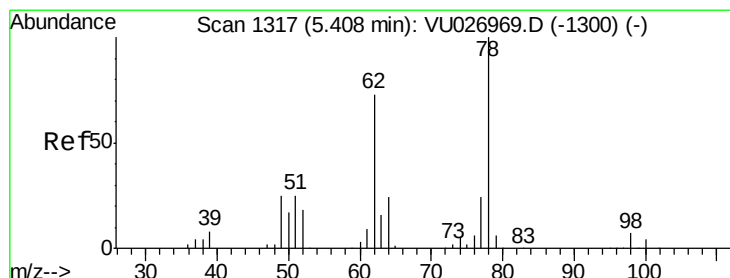
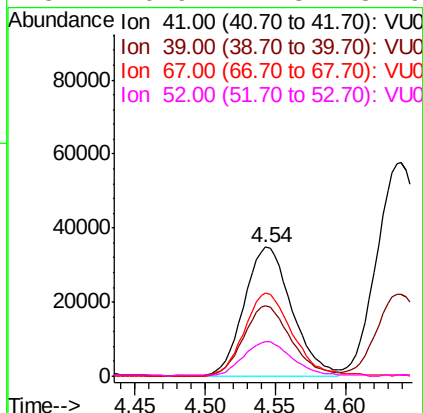
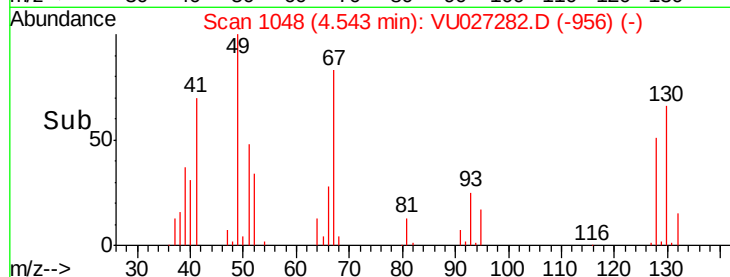
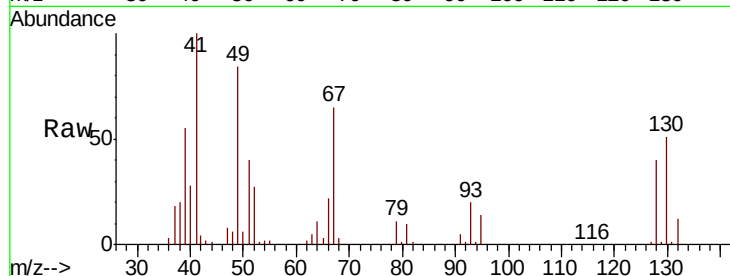




#41
Methacrylonitrile
Concen: 50.920 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

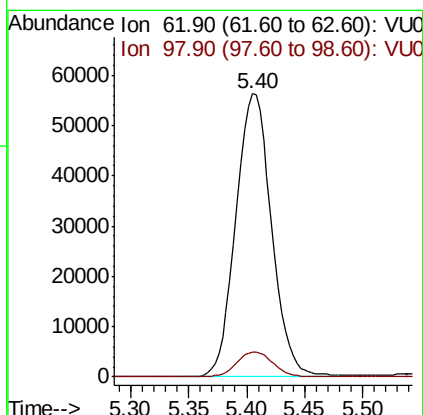
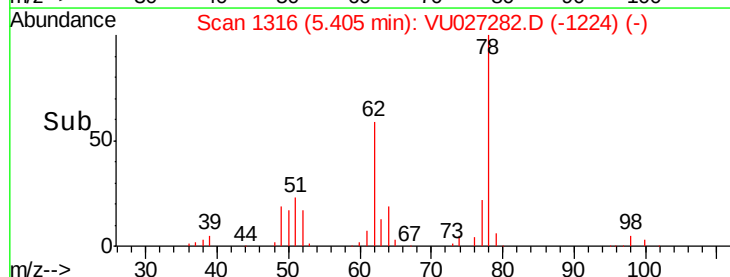
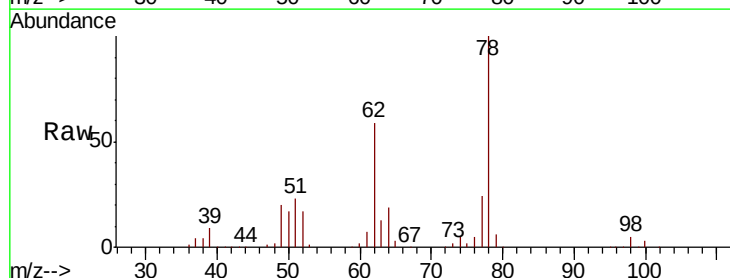
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

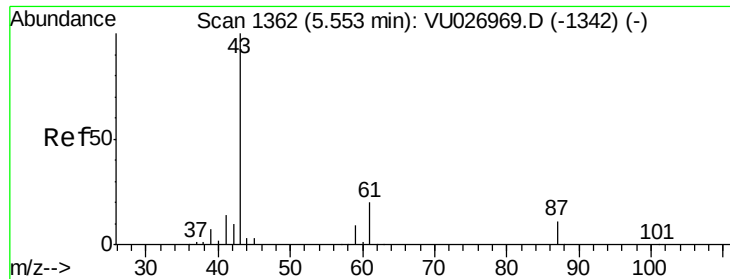
Tgt Ion:	41	Resp:	81893
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.9	64.3
67	65.6	52.4	78.6
52	26.9	21.3	31.9



#42
1,2-Dichloroethane
Concen: 46.052 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Tgt Ion:	62	Resp:	120994
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.0





#43

Isopropyl Acetate

Concen: 51.393 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

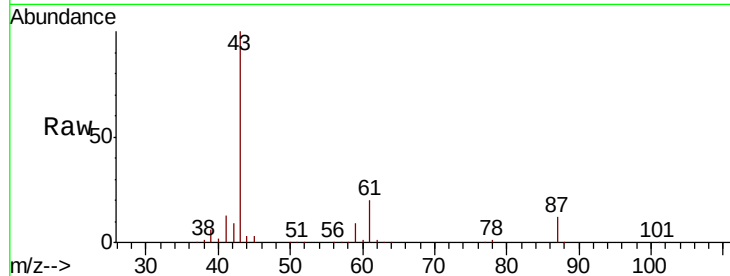
Tgt Ion: 43 Resp: 232100

Ion Ratio Lower Upper

43 100

61 19.8 15.7 23.5

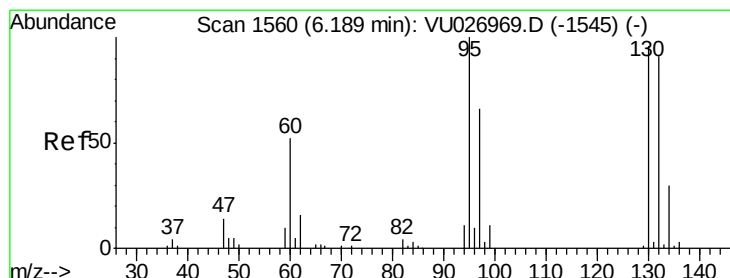
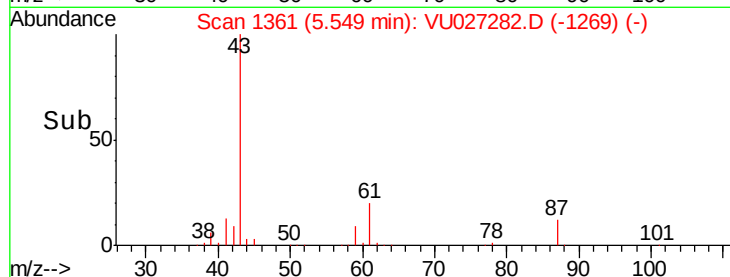
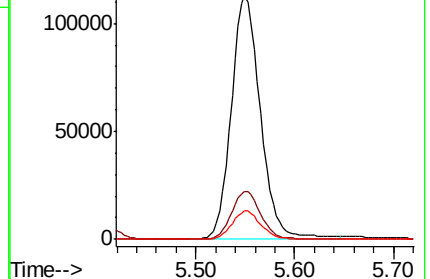
87 11.7 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



#44

Trichloroethene

Concen: 50.354 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027282.D

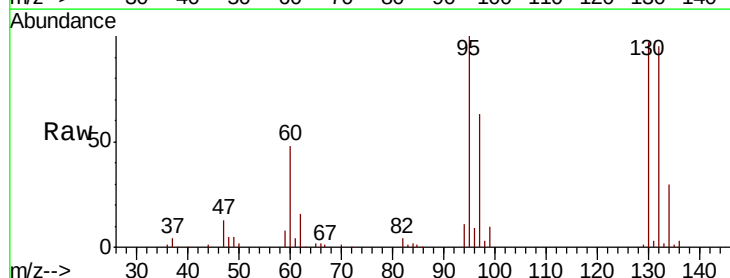
Acq: 28 Sep 2018 19:21

Tgt Ion: 130 Resp: 74547

Ion Ratio Lower Upper

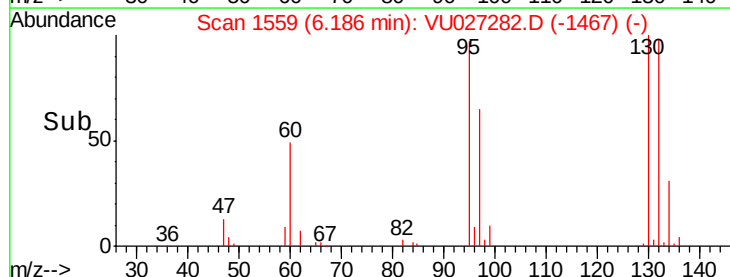
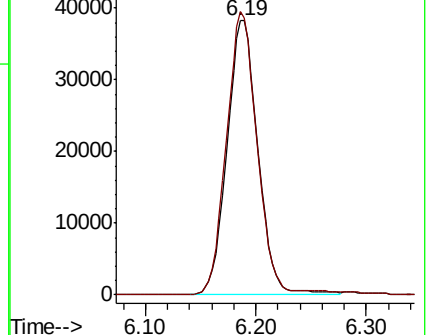
130 100

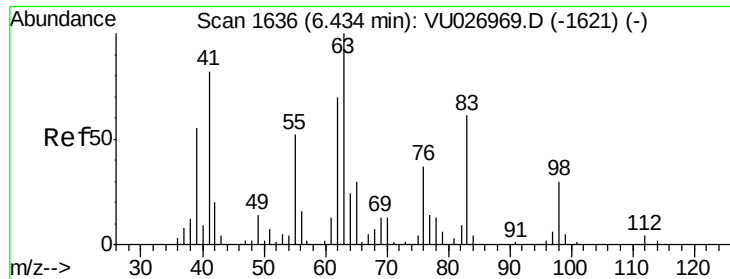
95 103.2 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)

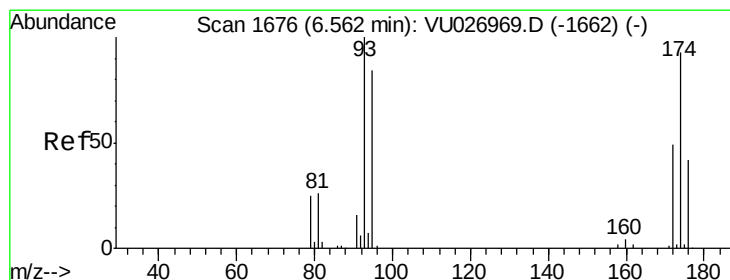
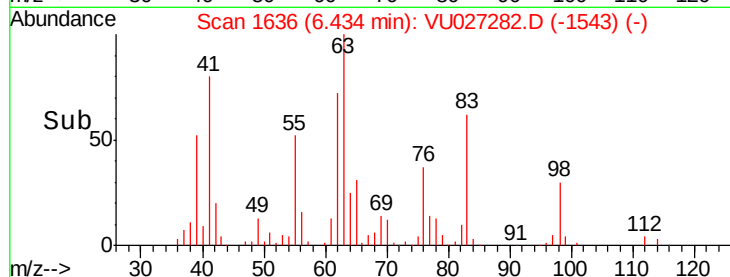
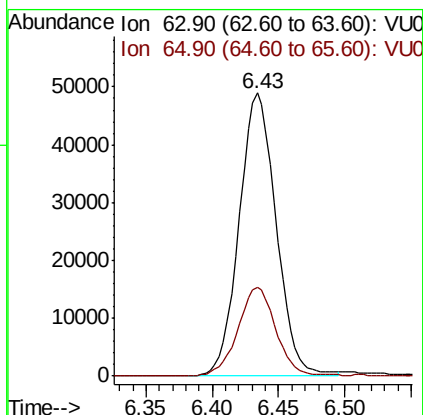
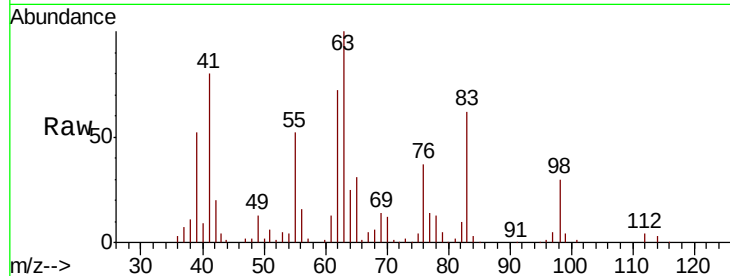




#45
 1,2-Dichloropropane
 Concen: 48.078 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

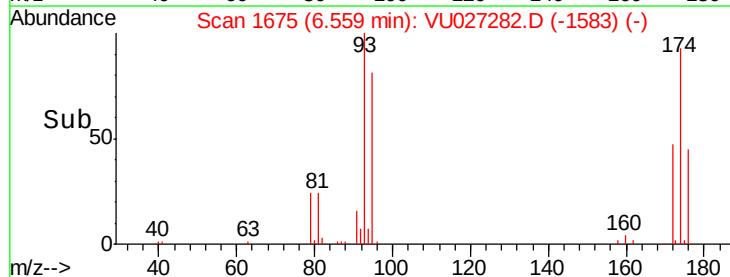
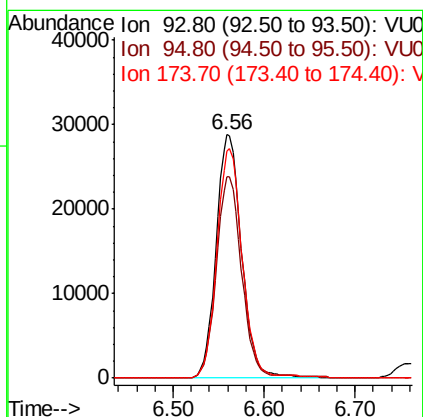
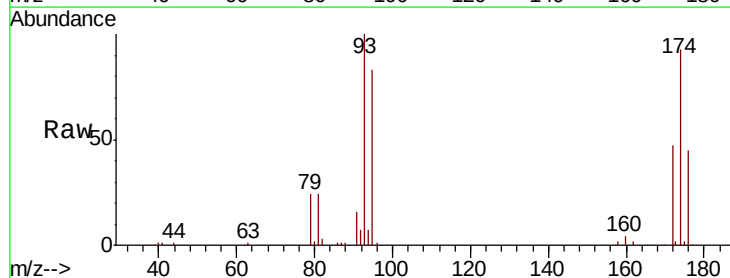
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

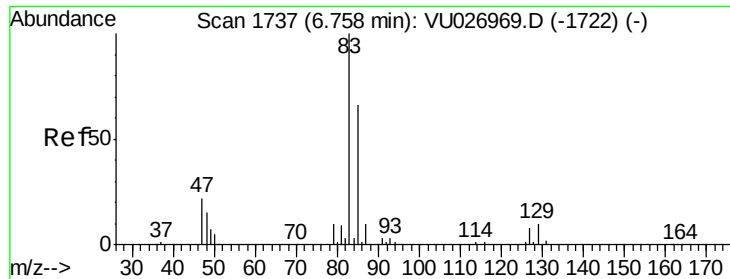
Tgt Ion: 63 Resp: 95264
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.3 36.5



#46
 Dibromomethane
 Concen: 46.896 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion: 93 Resp: 56120
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.2 99.4
 174 94.3 71.7 107.5





#47

Bromodichloromethane

Concen: 46.117 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

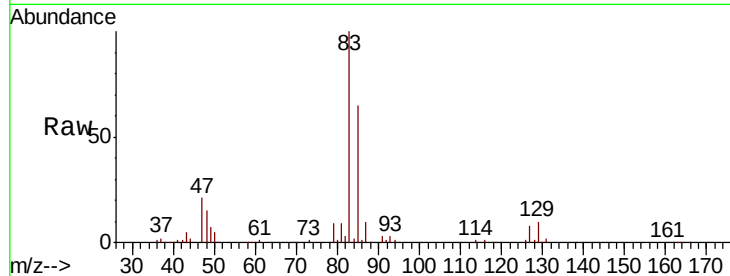
Tgt Ion: 83 Resp: 111593

Ion Ratio Lower Upper

83 100

85 65.0 52.5 78.7

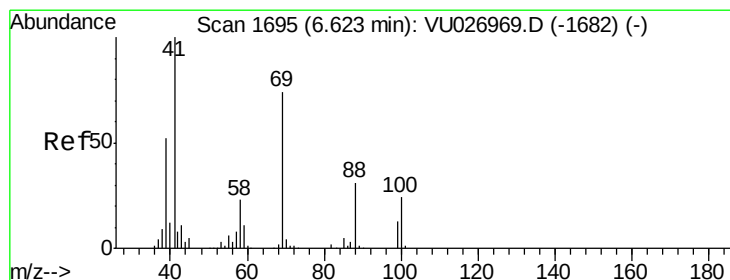
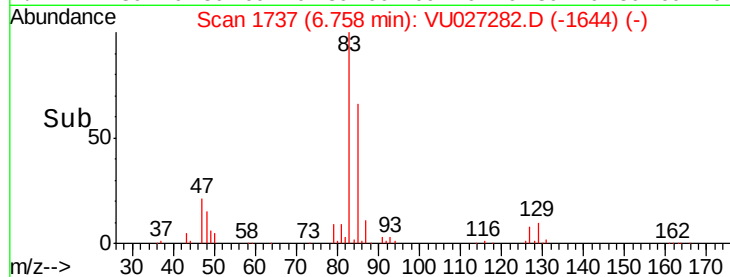
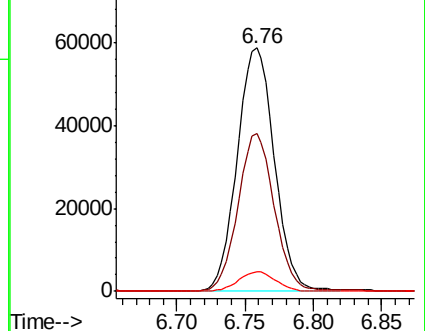
127 8.0 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU027282.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU027282.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU027282.D (-1644) (-)



#48

Methyl methacrylate

Concen: 47.019 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

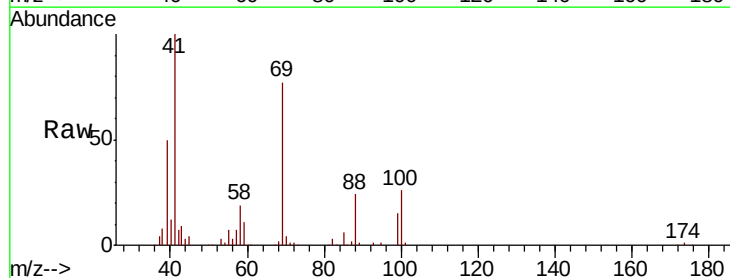
Tgt Ion: 41 Resp: 115424

Ion Ratio Lower Upper

41 100

69 79.5 60.6 90.8

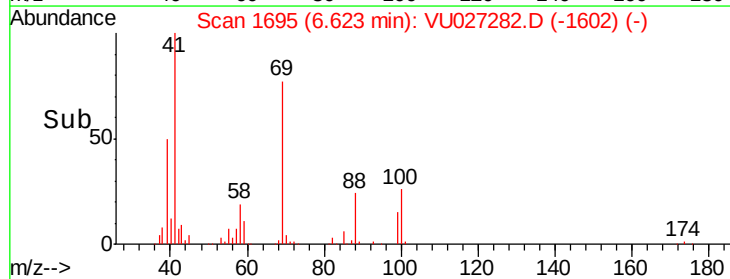
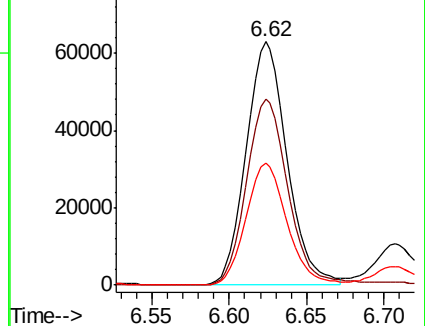
39 50.6 42.8 64.2

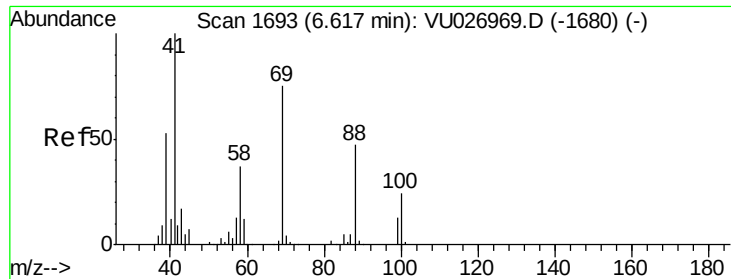


Abundance Ion 41.00 (40.70 to 41.70): VU027282.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU027282.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU027282.D (-1602) (-)

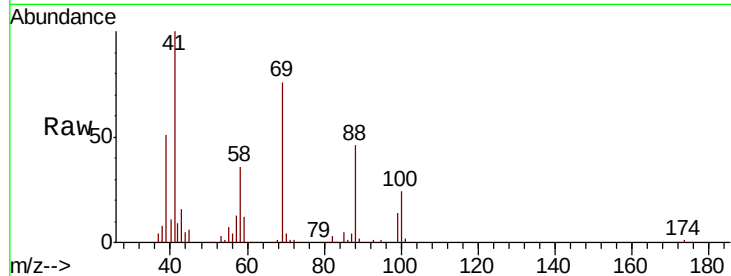




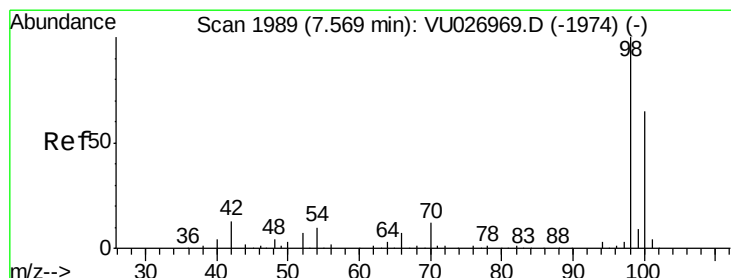
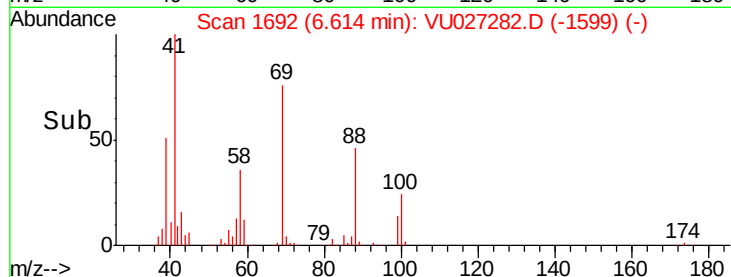
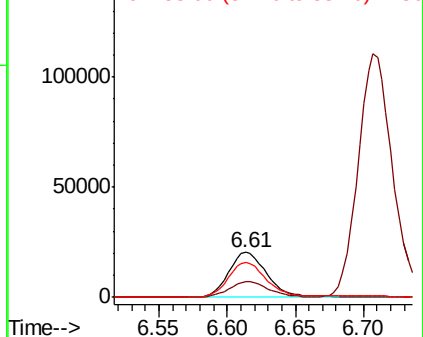
#49
1,4-Dioxane
Concen: 808.110 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 39465
Ion Ratio Lower Upper
88 100
43 37.4 29.8 44.8
58 79.9 63.9 95.9

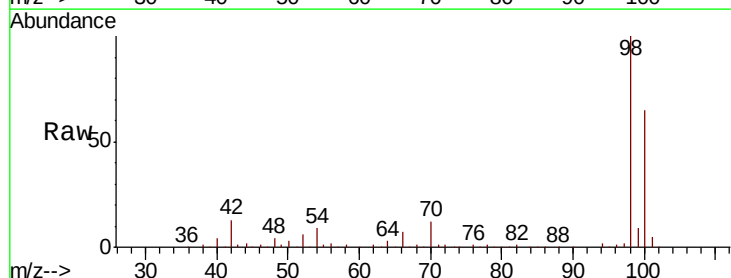


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

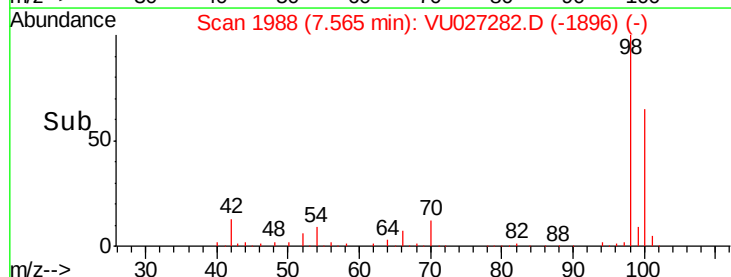
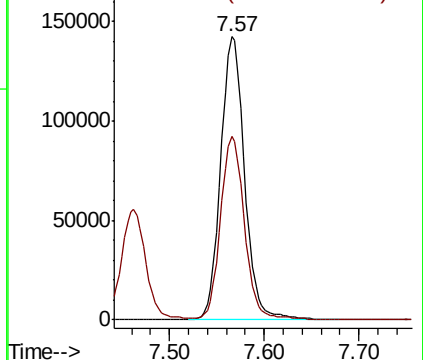


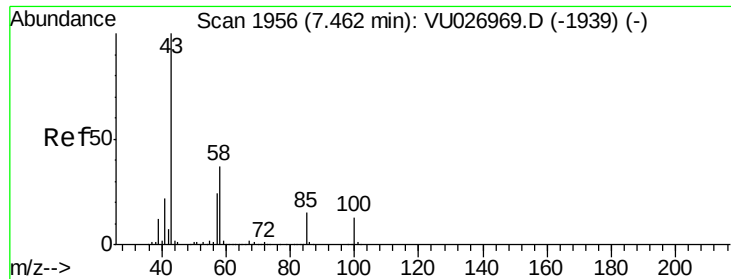
#50
Toluene-d8
Concen: 44.312 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Tgt Ion: 98 Resp: 250896
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



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

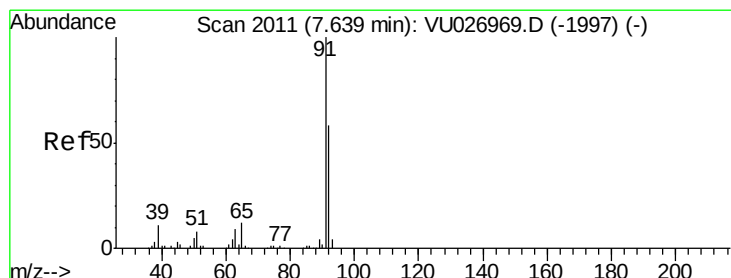
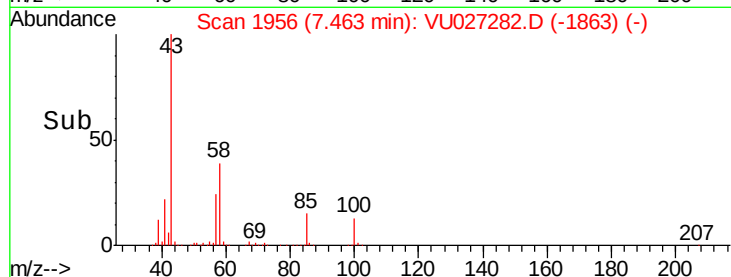
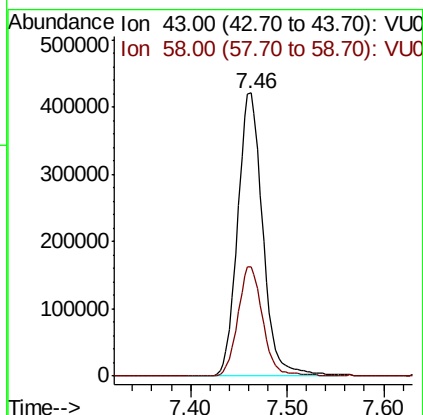
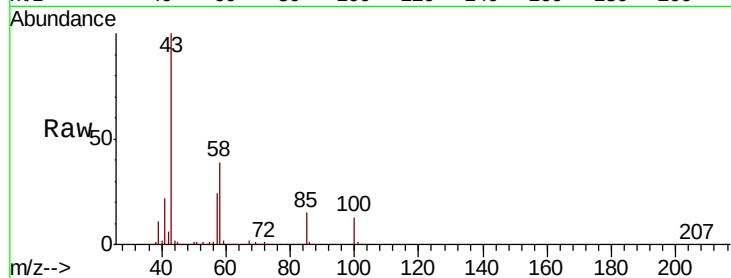




#51
 4-Methyl-2-Pentanone
 Concen: 250.121 ug/l
 RT: 7.46 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

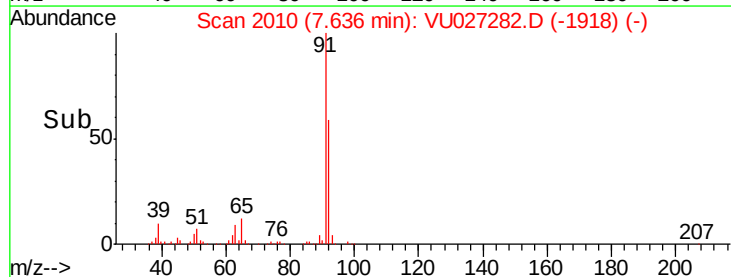
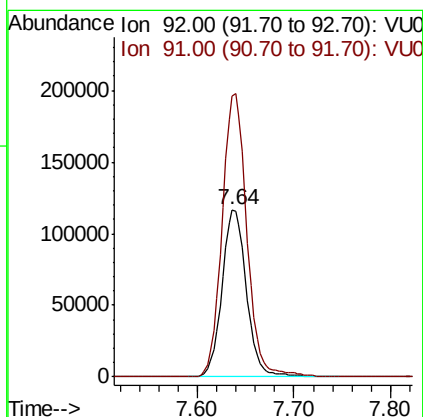
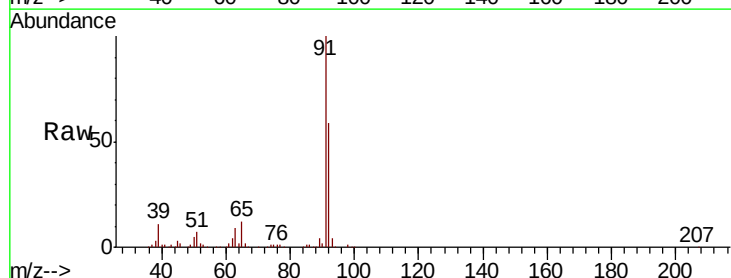
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

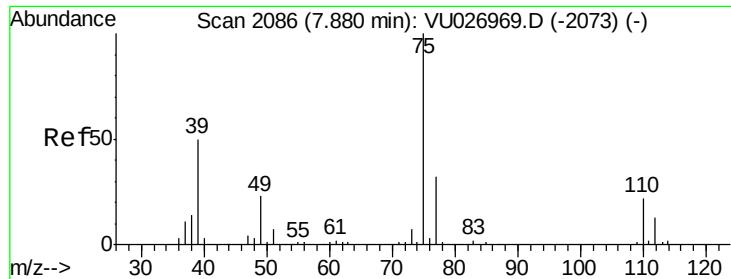
Tgt Ion: 43 Resp: 759716
 Ion Ratio Lower Upper
 43 100
 58 38.4 29.8 44.6



#52
 Toluene
 Concen: 51.567 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion: 92 Resp: 205549
 Ion Ratio Lower Upper
 92 100
 91 171.4 136.4 204.6

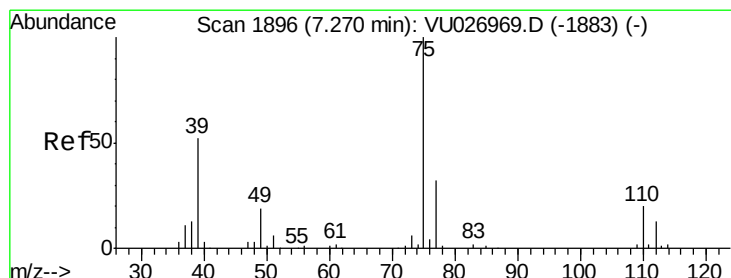
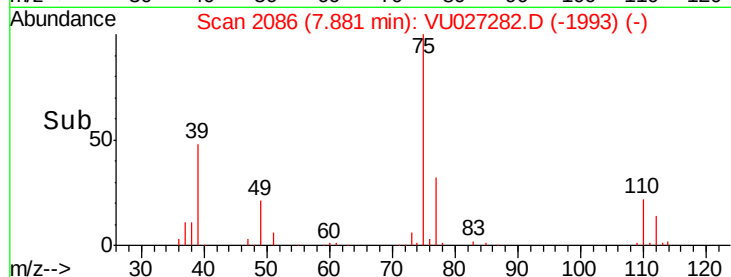
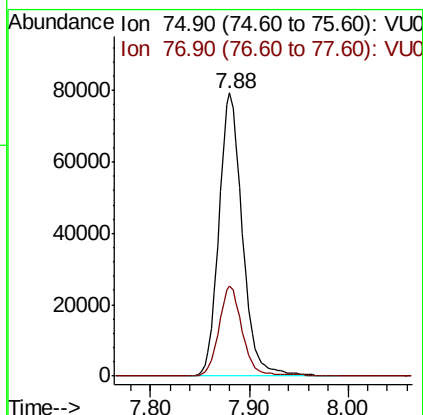
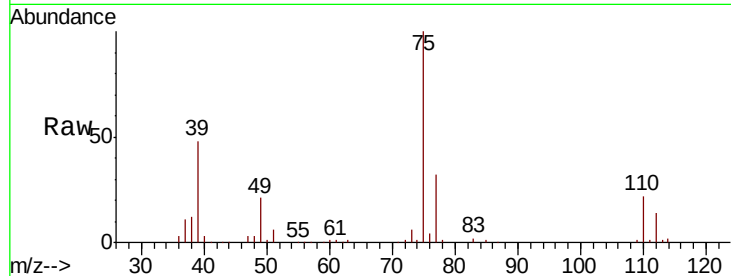




#53
 t-1,3-Dichloropropene
 Concen: 51.076 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

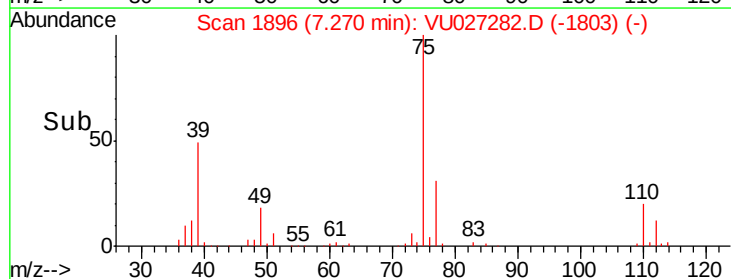
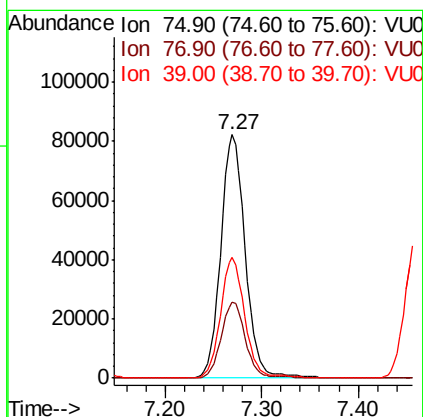
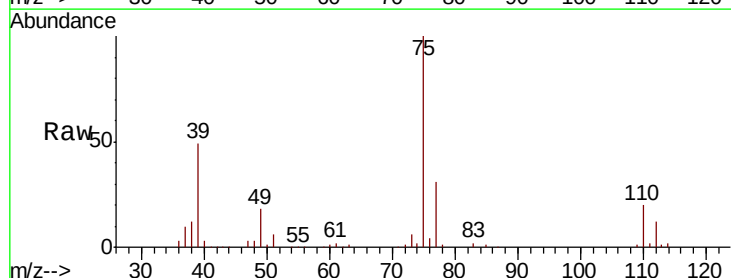
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

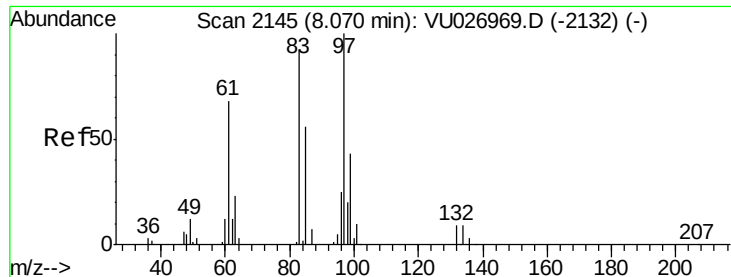
Tgt Ion: 75 Resp: 132790
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.395 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion: 75 Resp: 144058
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0
 39 49.5 41.6 62.4

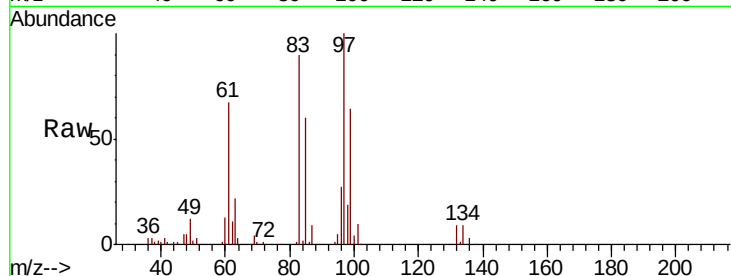




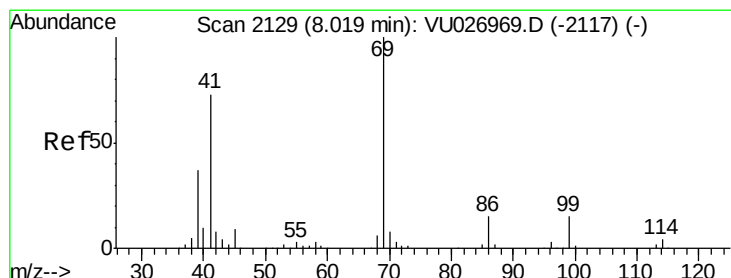
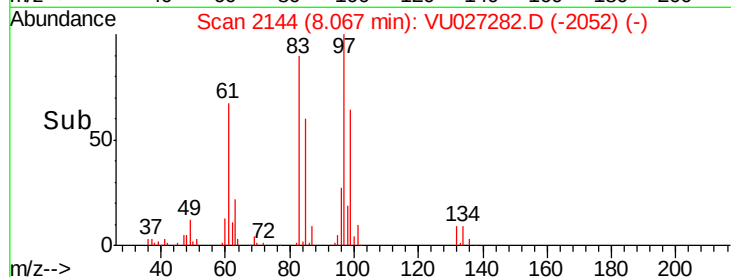
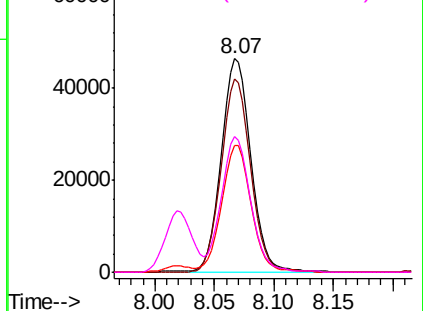
#55
 1,1,2-Trichloroethane
 Concen: 47.638 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	80461
Ion	Ratio	Lower	Upper
97	100		
83	90.4	73.1	109.7
85	59.5	46.7	70.1
99	63.6	50.0	75.0

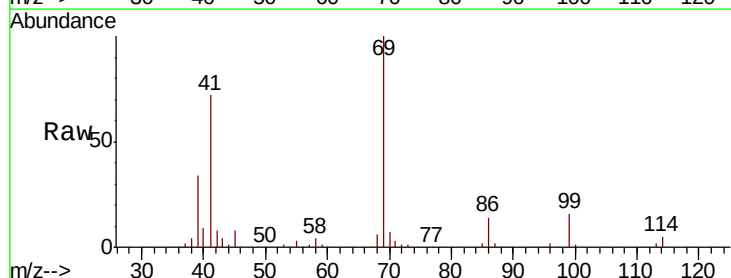


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

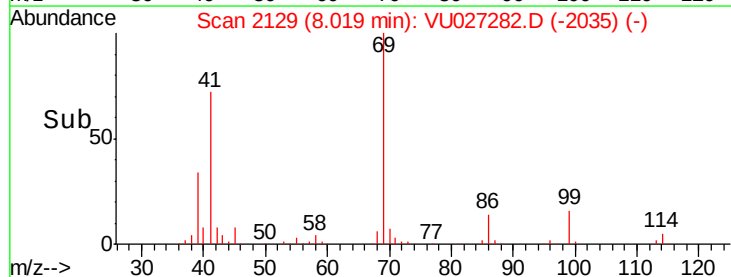
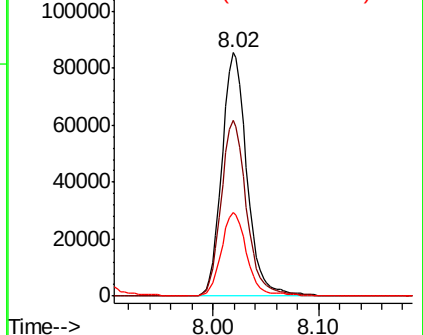


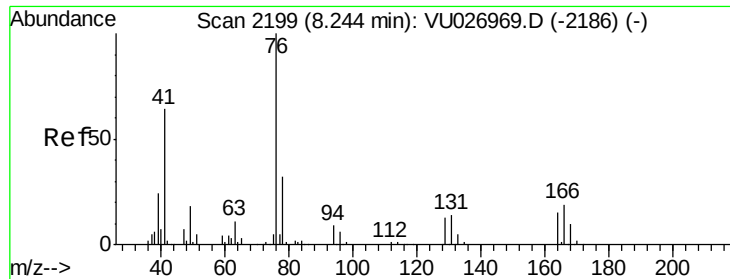
#56
 Ethyl methacrylate
 Concen: 48.201 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion:	69	Resp:	141016
Ion	Ratio	Lower	Upper
69	100		
41	73.3	59.0	88.4
39	34.6	30.2	45.4



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

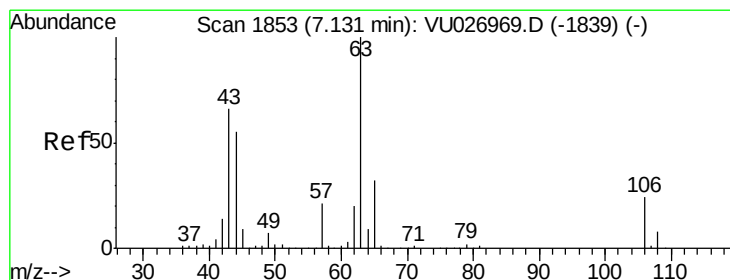
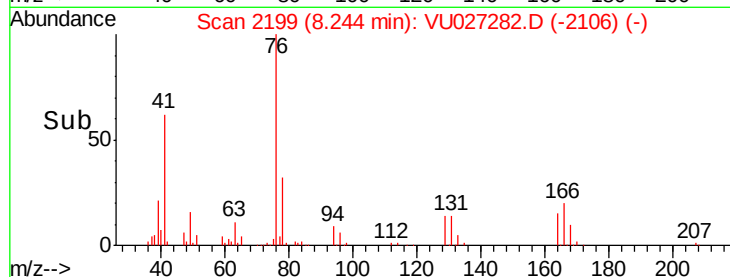
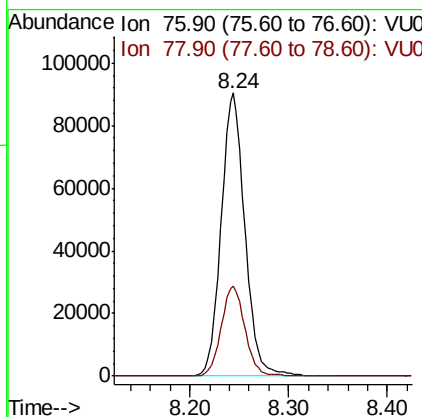
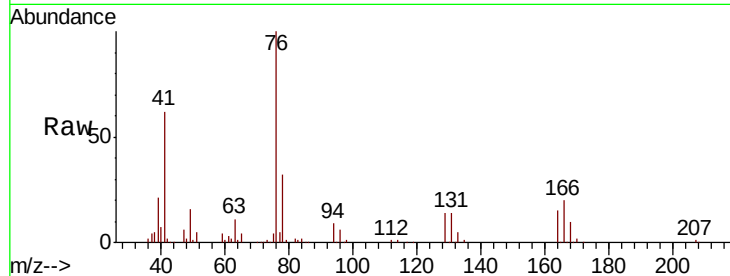




#57
 1,3-Dichloropropane
 Concen: 48.560 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

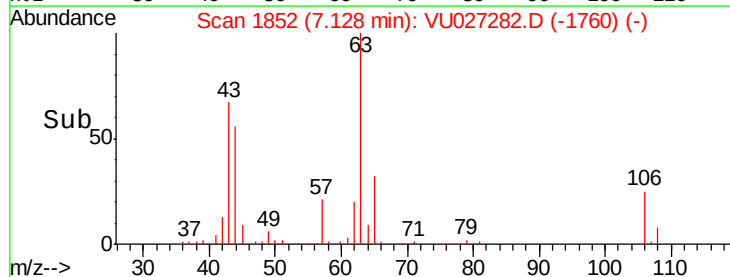
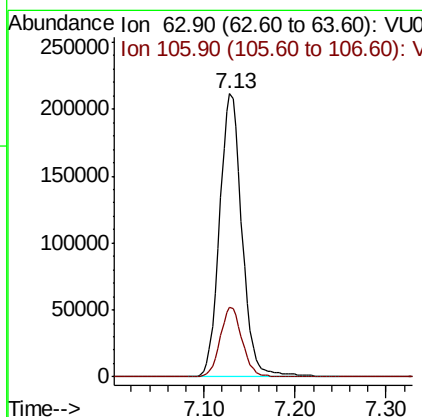
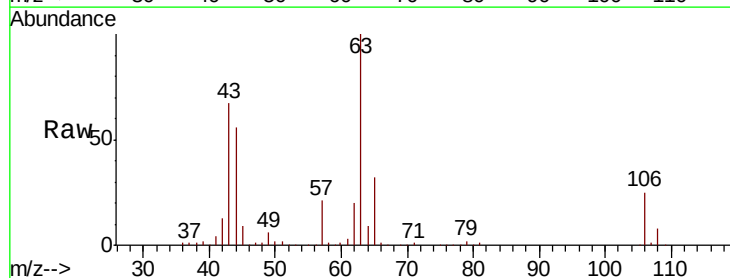
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

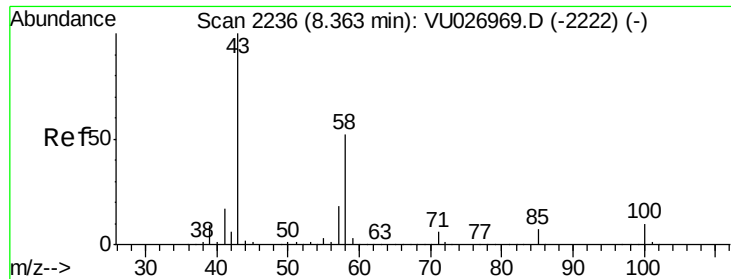
Tgt Ion: 76 Resp: 152547
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 218.649 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion: 63 Resp: 362613
 Ion Ratio Lower Upper
 63 100
 106 24.3 18.7 28.1

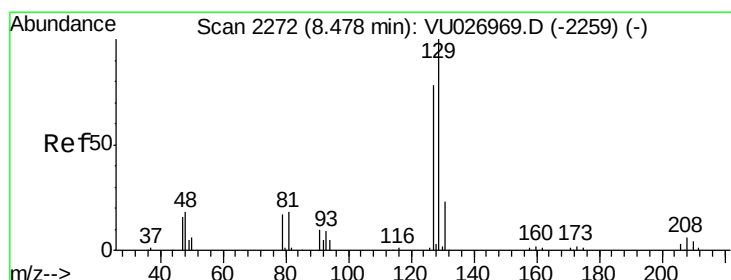
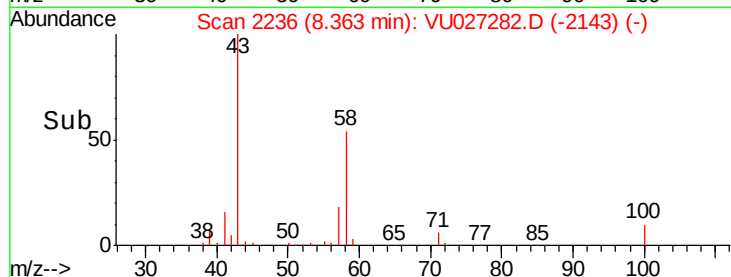
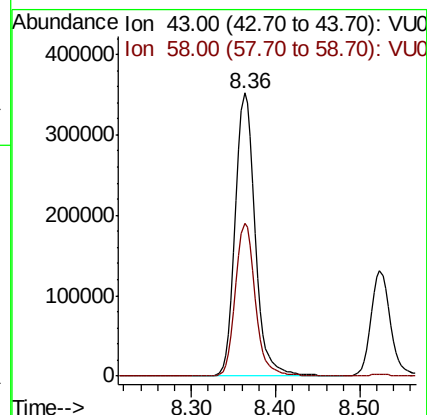
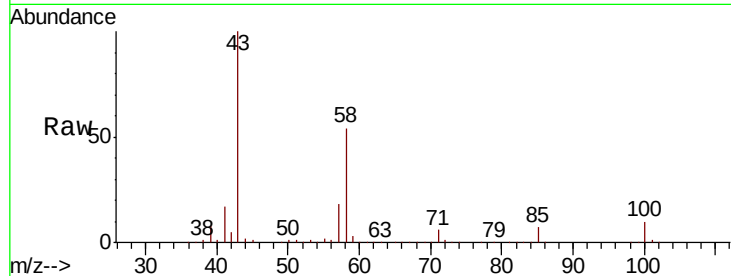




#59
2-Hexanone
Concen: 244.132 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

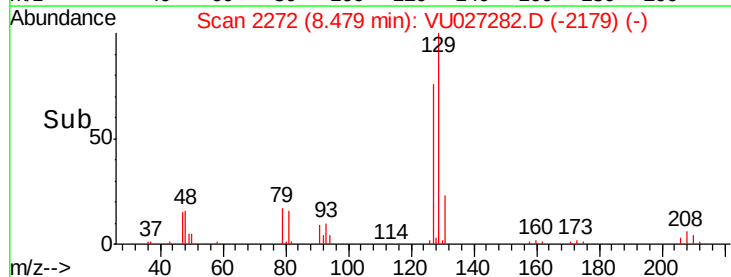
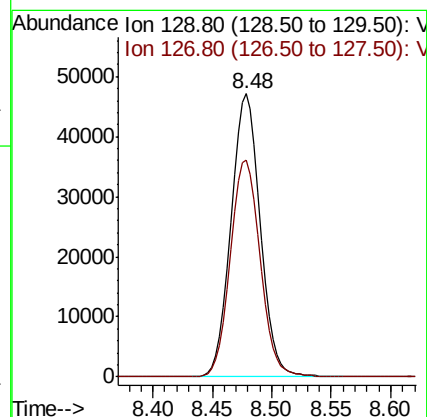
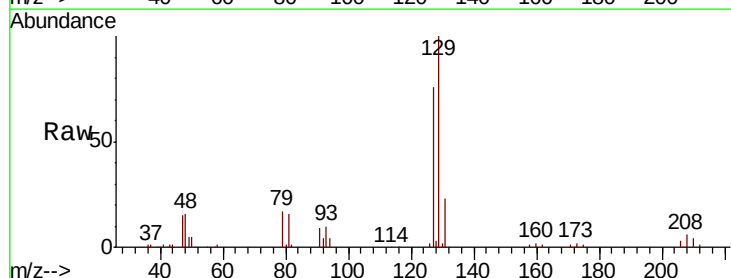
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

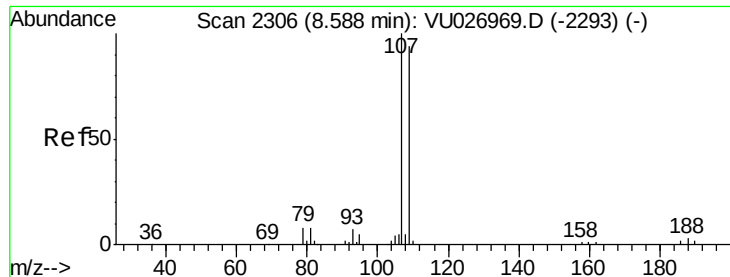
Tgt Ion: 43 Resp: 580450
Ion Ratio Lower Upper
43 100
58 53.9 26.1 78.2



#60
Dibromochloromethane
Concen: 48.515 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Tgt Ion: 129 Resp: 80376
Ion Ratio Lower Upper
129 100
127 78.2 38.1 114.5

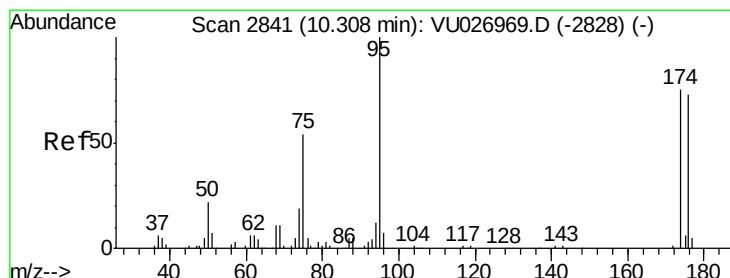
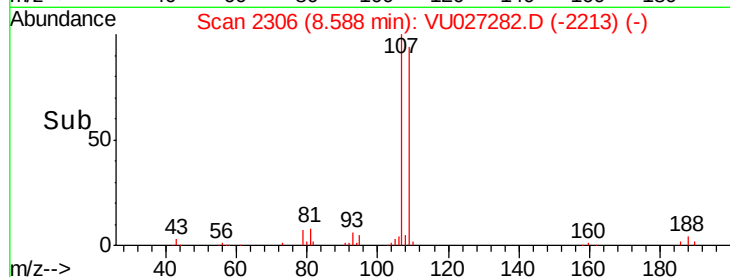
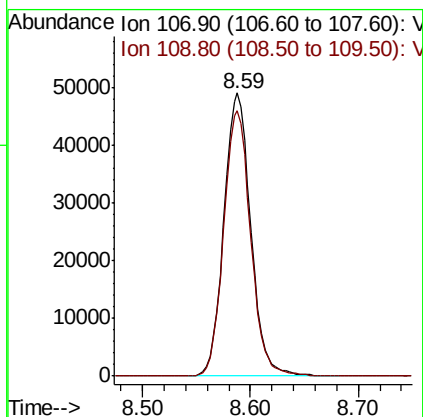
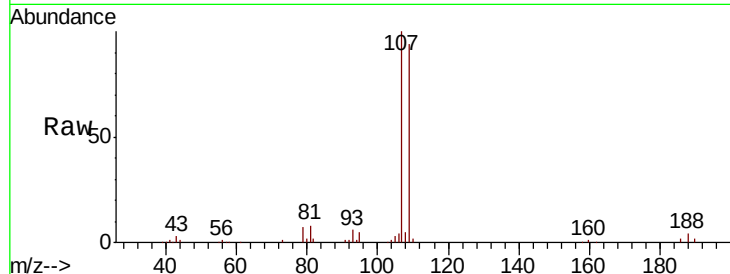




#61
 1,2-Dibromoethane
 Concen: 48.478 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

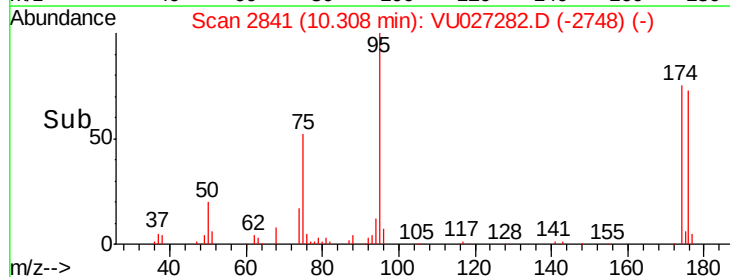
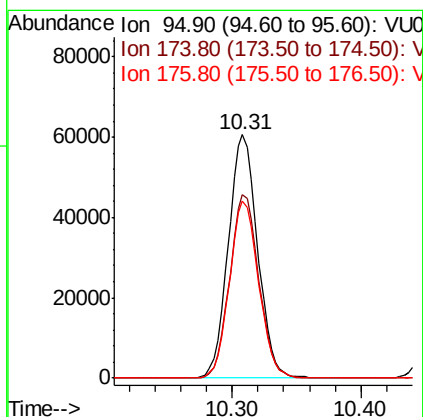
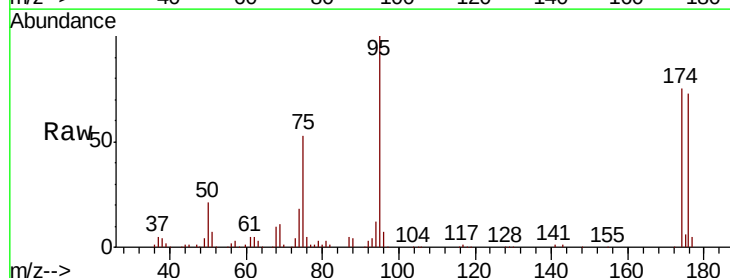
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

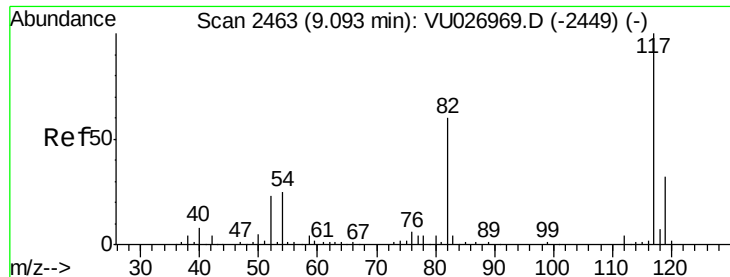
Tgt Ion: 107 Resp: 85193
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.085 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion: 95 Resp: 95363
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 150.2
 176 72.7 0.0 145.2

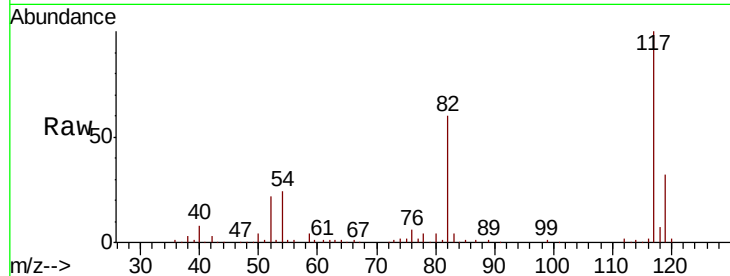




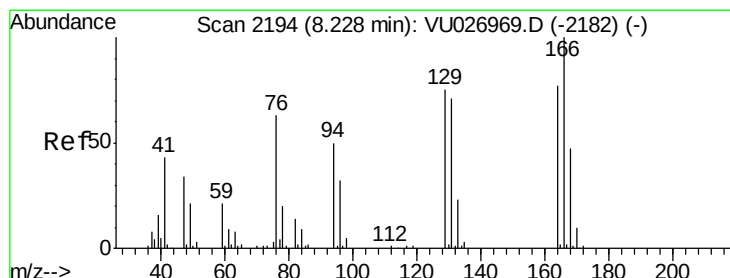
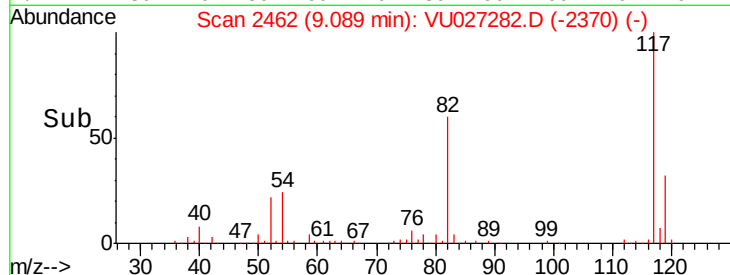
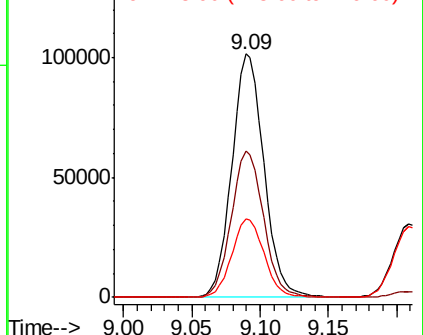
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 165910
Ion Ratio Lower Upper
117 100
82 59.9 48.0 72.0
119 32.2 25.8 38.8



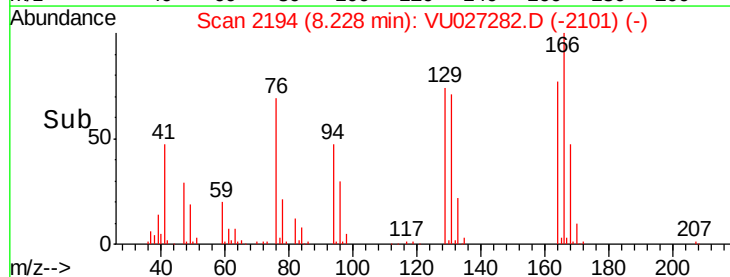
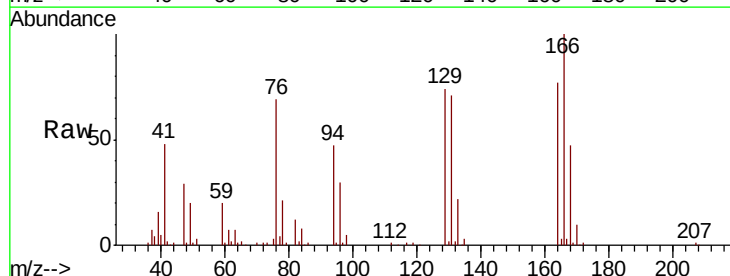
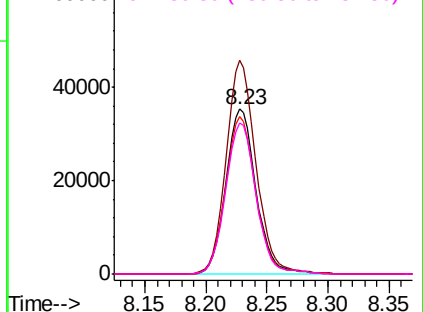
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU027282.D (-2370) (-)
Ion 118.90 (118.60 to 119.60): V

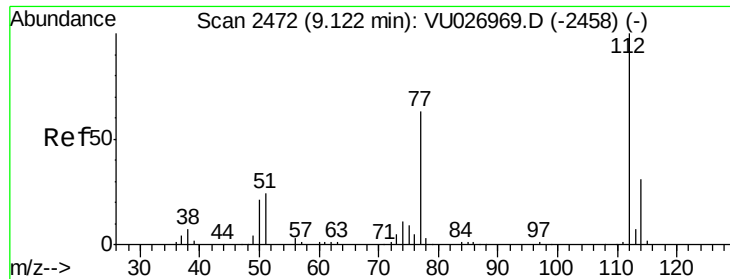


#64
Tetrachloroethene
Concen: 48.008 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Tgt Ion:164 Resp: 61376
Ion Ratio Lower Upper
164 100
166 129.5 104.4 156.6
129 95.8 78.7 118.1
131 91.3 73.9 110.9

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

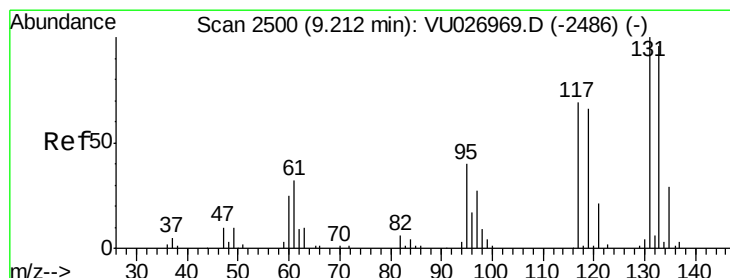
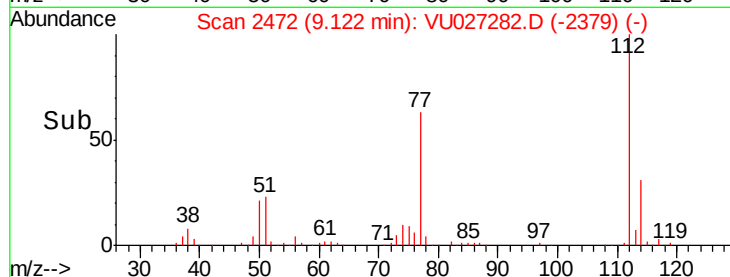
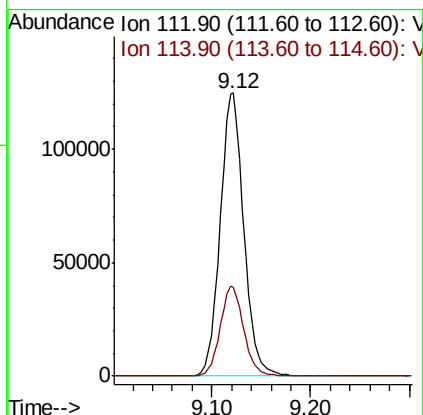
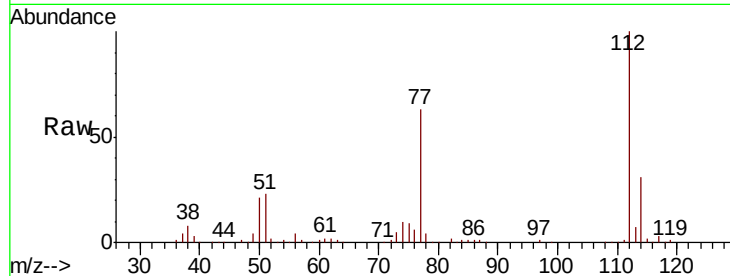




#65
Chlorobenzene
Concen: 47.578 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

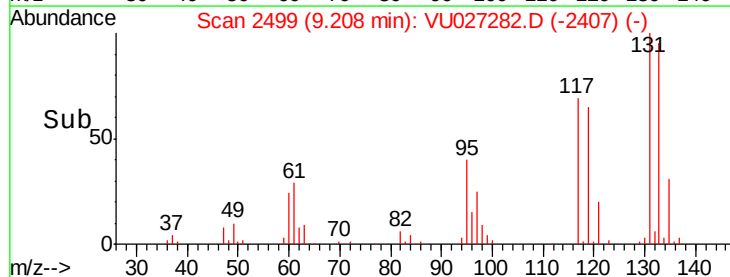
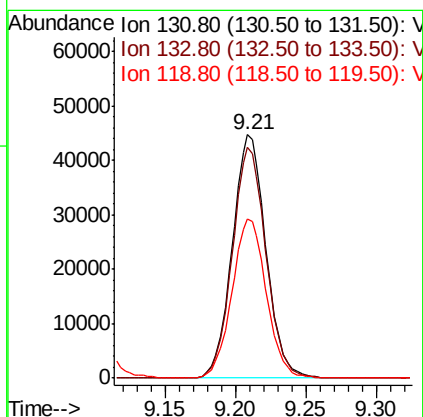
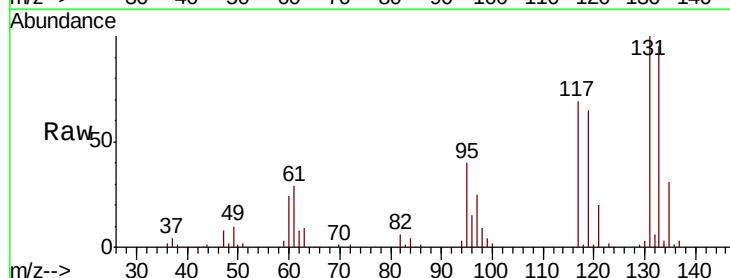
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

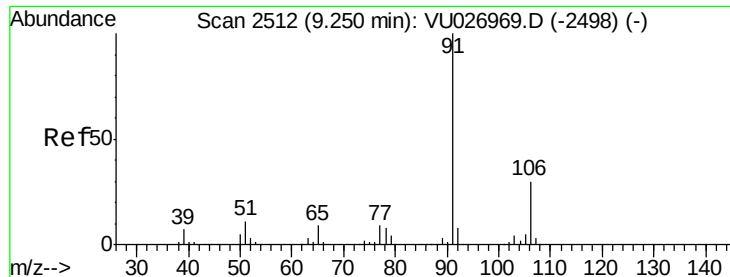
Tgt Ion:112 Resp: 209300
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.232 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Tgt Ion:131 Resp: 74597
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 66.6 33.4 100.1

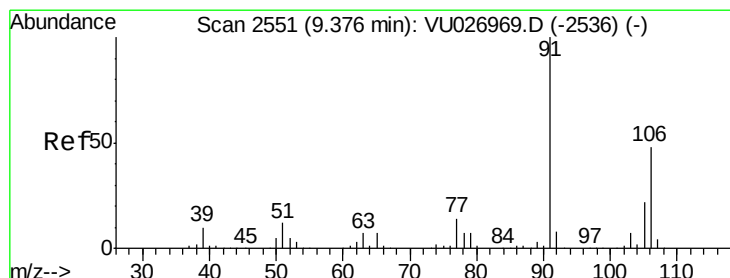
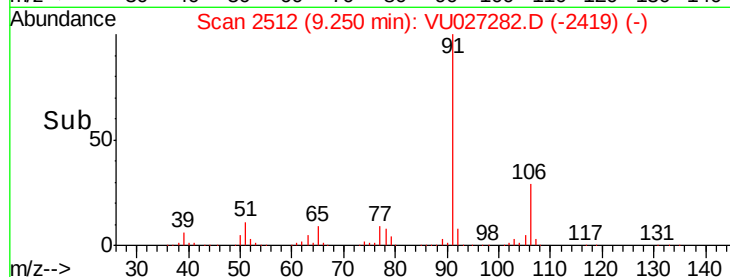
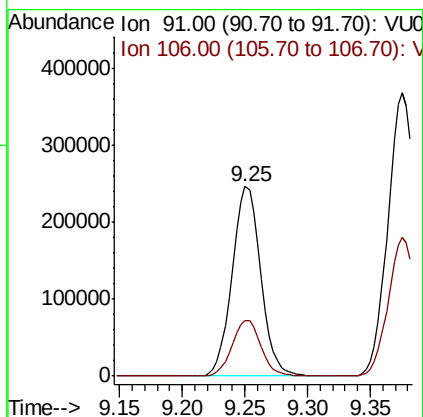
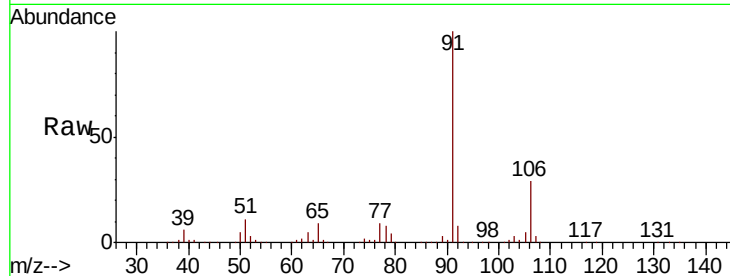




#67
Ethyl Benzene
Concen: 54.128 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

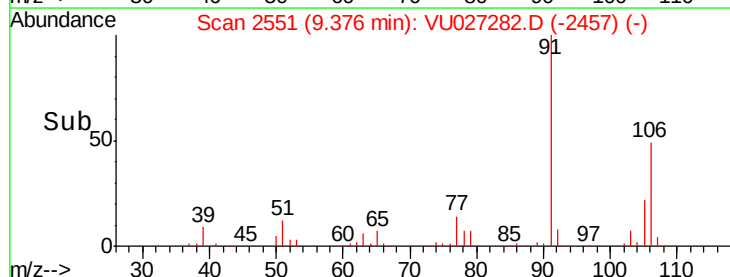
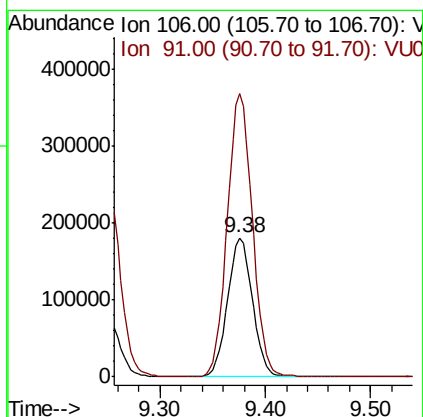
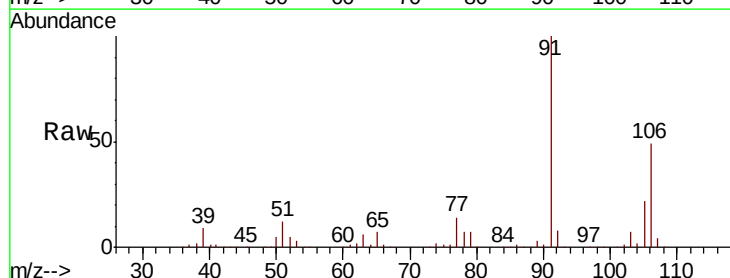
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

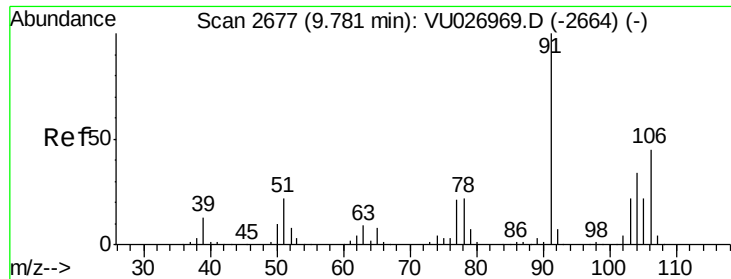
Tgt Ion: 91 Resp: 391552
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8



#68
m/p-Xylenes
Concen: 100.847 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Tgt Ion: 106 Resp: 295479
Ion Ratio Lower Upper
106 100
91 205.3 166.5 249.7

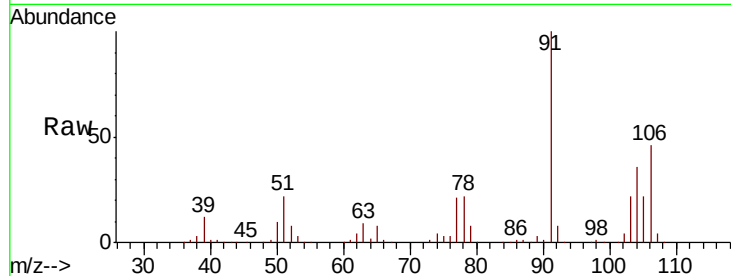




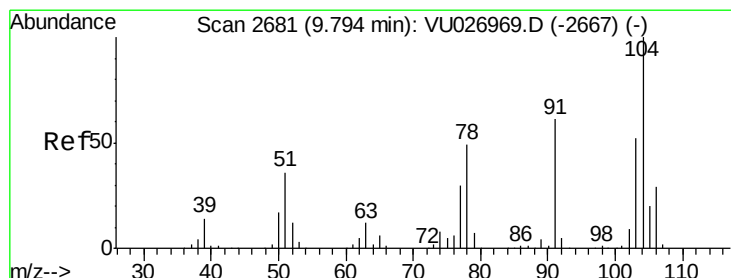
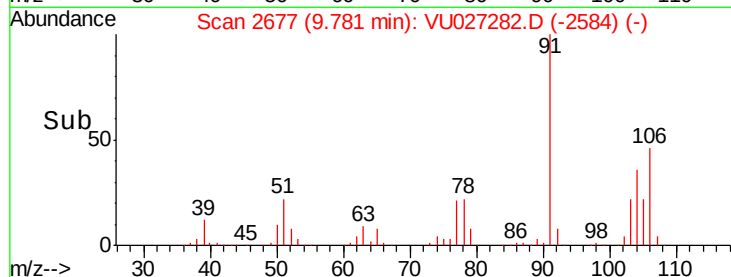
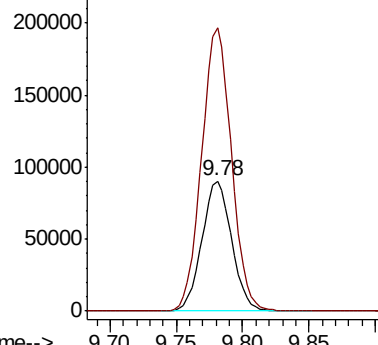
#69
o-Xylene
Concen: 54.775 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 140391
Ion Ratio Lower Upper
106 100
91 219.0 110.2 330.6

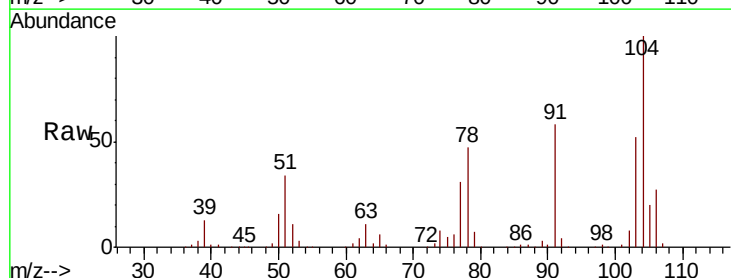


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

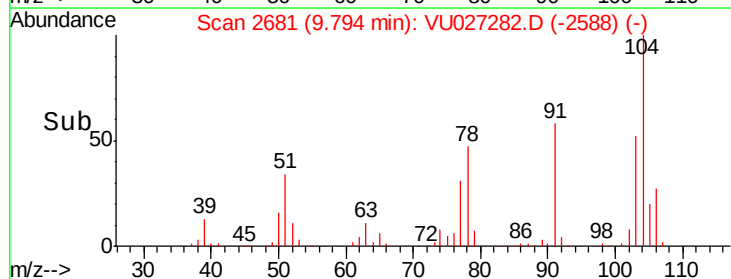
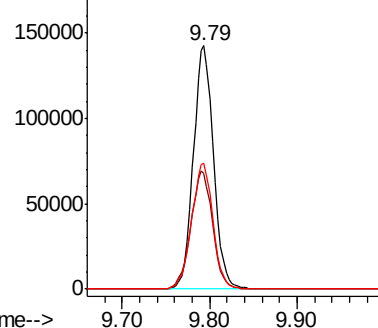


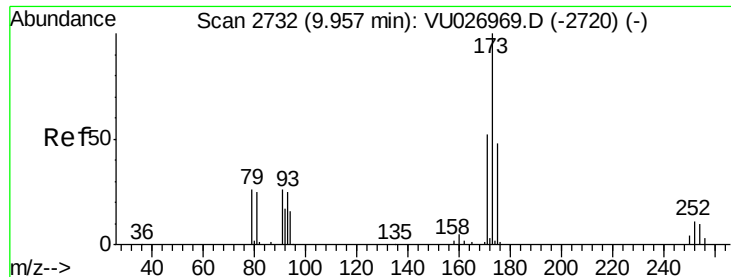
#70
Styrene
Concen: 47.721 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Tgt Ion:104 Resp: 227968
Ion Ratio Lower Upper
104 100
78 52.4 43.0 64.4
103 54.7 44.1 66.1



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





#71

Bromoform

Concen: 51.801 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

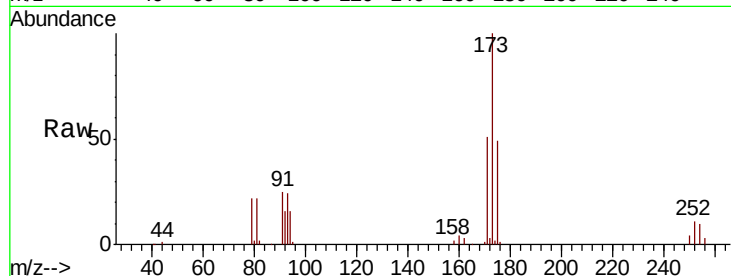
Tgt Ion:173 Resp: 60696

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.8

254 0.0 0.0 0.0

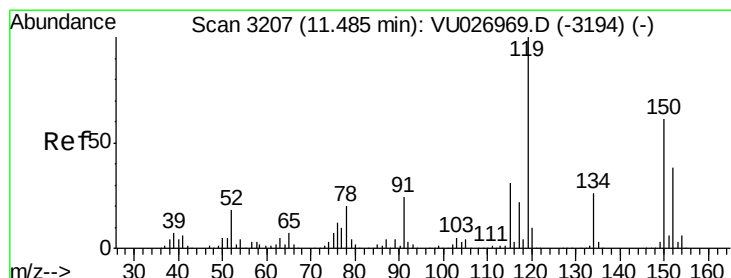
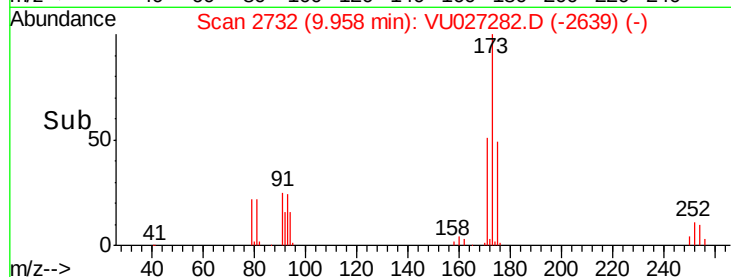
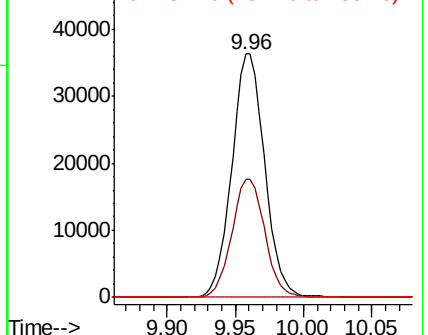


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

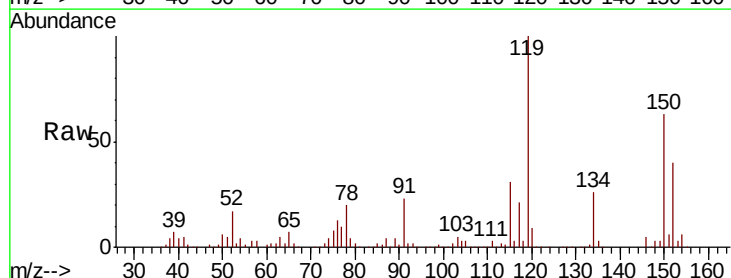
Tgt Ion:152 Resp: 90633

Ion Ratio Lower Upper

152 100

115 85.8 44.9 134.5

150 176.0 0.0 355.8

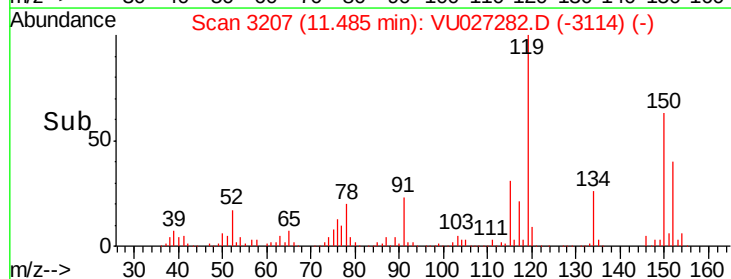
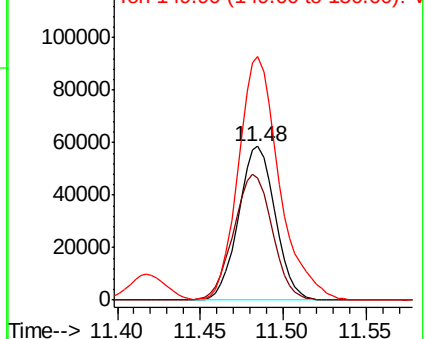


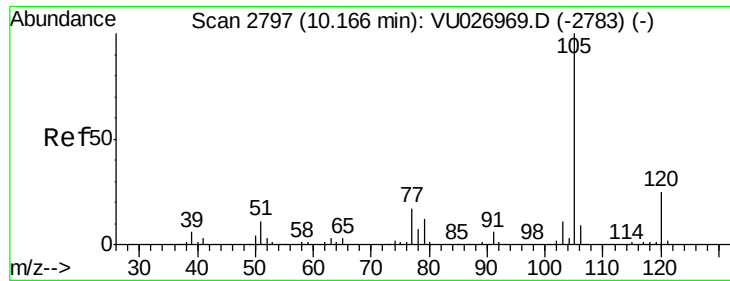
Abundance

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: 53.936 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

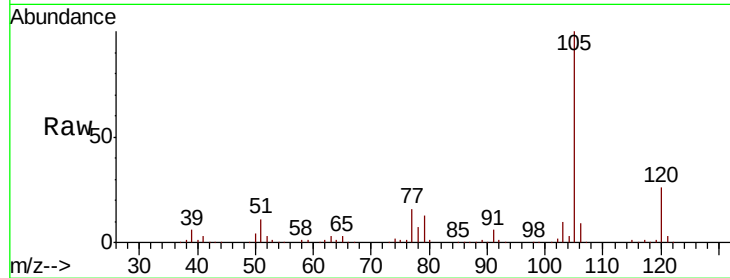
VSTDCCC050EC

Tgt Ion: 105 Resp: 371853

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

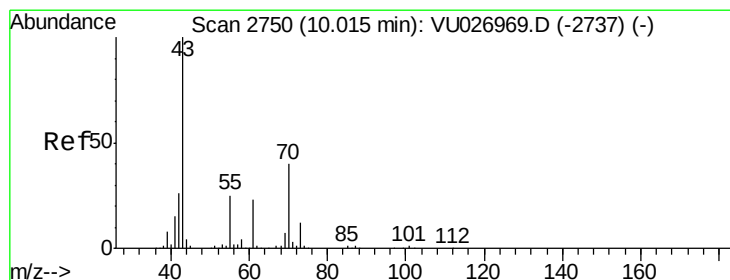
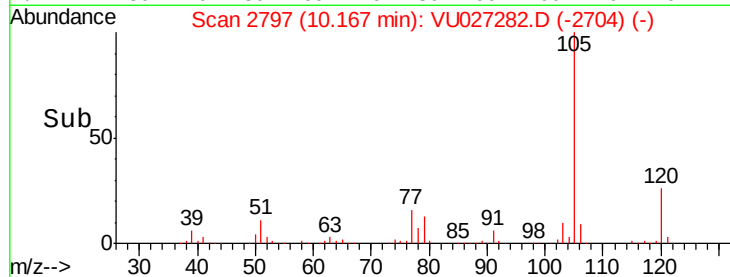
50000

0

10.10

10.20

Time-->



#74

N-ethyl acetate

Concen: 52.559 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Tgt Ion: 43 Resp: 209749

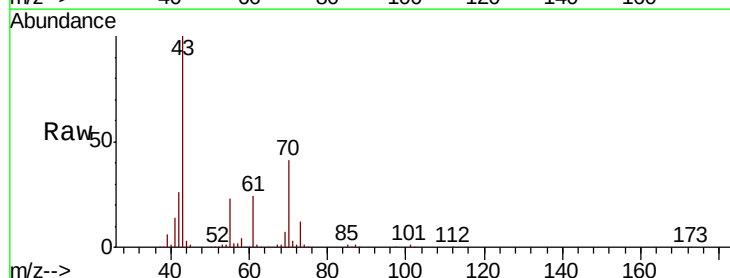
Ion Ratio Lower Upper

43 100

70 40.0 31.8 47.8

55 23.3 19.9 29.9

61 23.8 18.4 27.6



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

200000

150000

100000

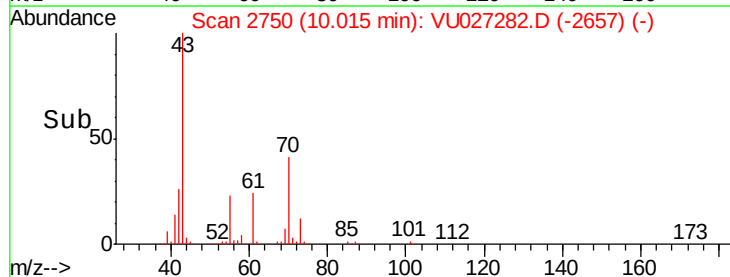
50000

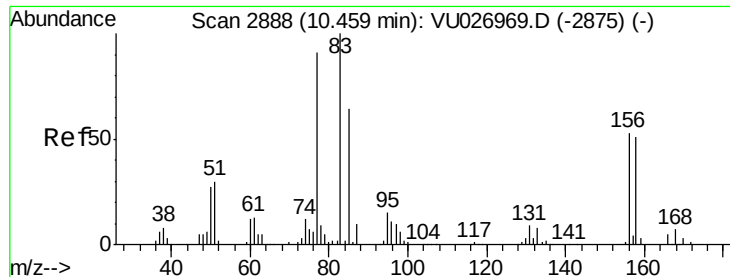
0

10.00

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 43.605 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

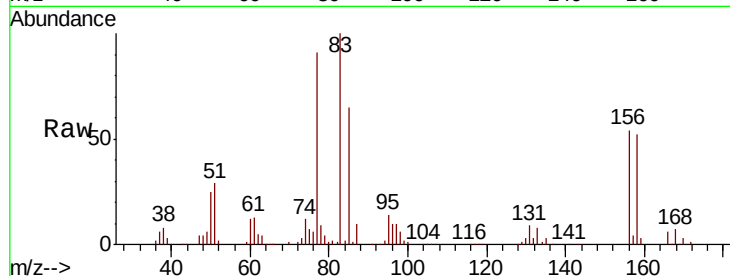
Tgt Ion: 83 Resp: 138221

Ion Ratio Lower Upper

83 100

131 8.9 4.3 12.8

85 64.9 31.9 95.7

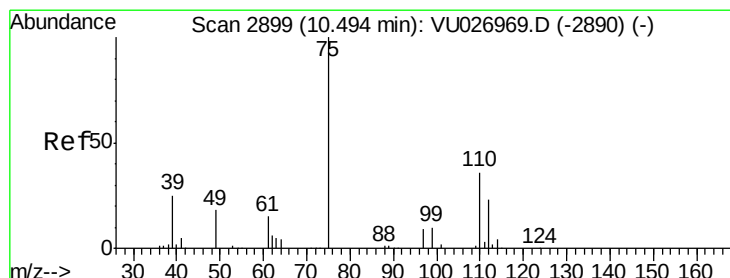
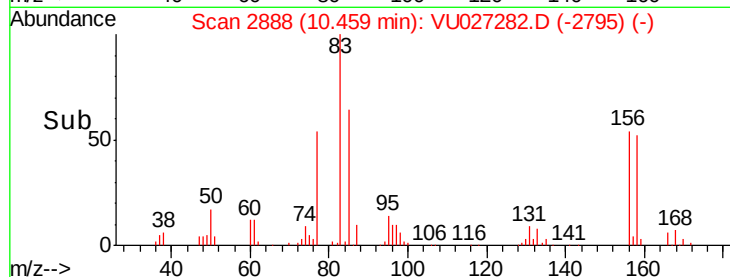


Abundance Ion 82.90 (82.60 to 83.60): VU027282.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU027282.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU027282.D (-2875) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 60.825 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027282.D

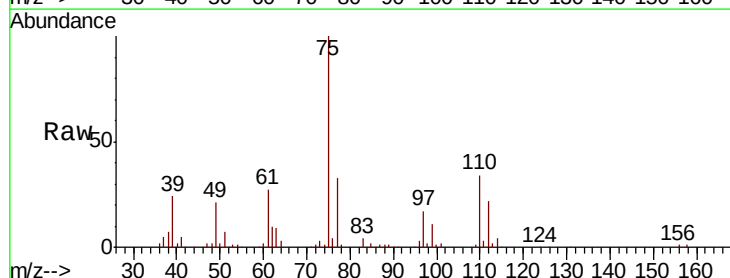
Acq: 28 Sep 2018 19:21

Tgt Ion: 75 Resp: 167476

Ion Ratio Lower Upper

75 100

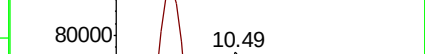
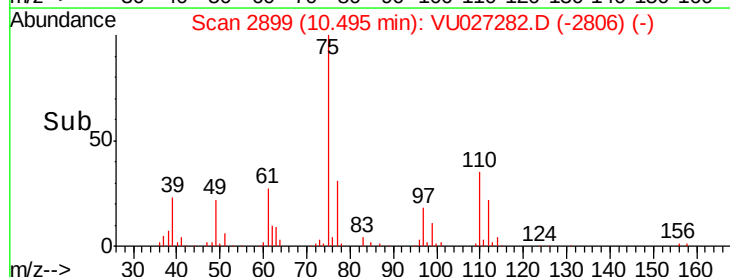
77 31.6 20.9 62.8

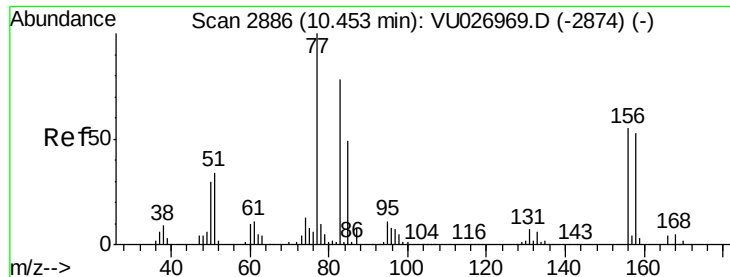


Abundance Ion 74.90 (74.60 to 75.60): VU027282.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027282.D (-2890) (-)

Time-->





#77

Bromobenzene

Concen: 50.247 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

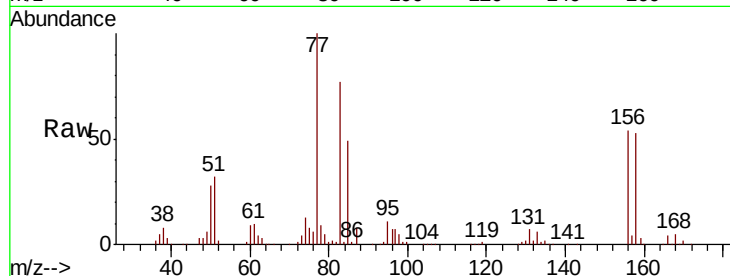
Tgt Ion:156 Resp: 84654

Ion Ratio Lower Upper

156 100

77 183.8 92.3 276.9

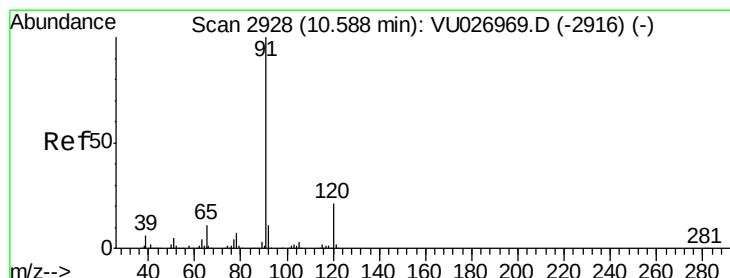
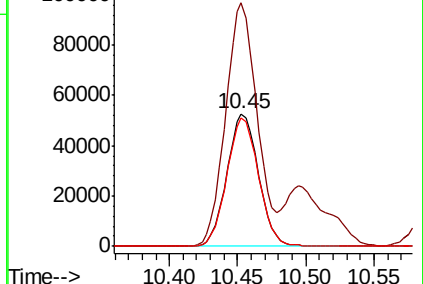
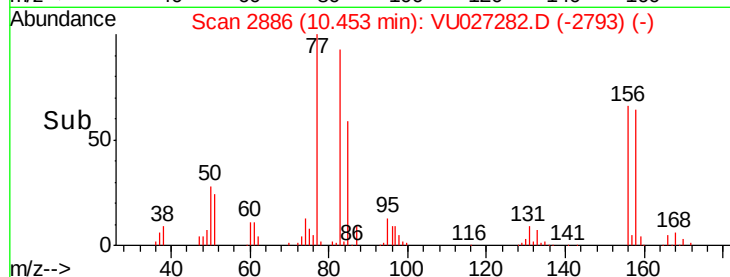
158 97.4 48.1 144.3



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: 54.275 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027282.D

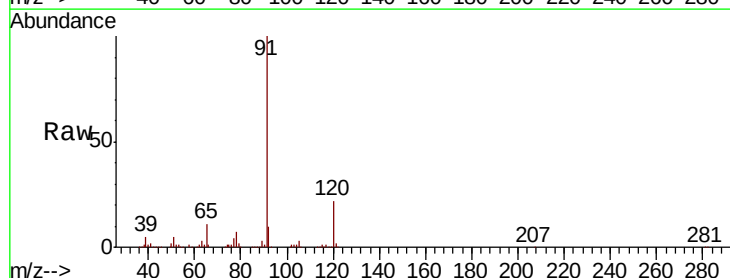
Acq: 28 Sep 2018 19:21

Tgt Ion: 91 Resp: 442752

Ion Ratio Lower Upper

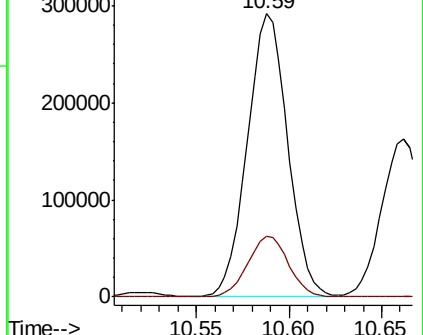
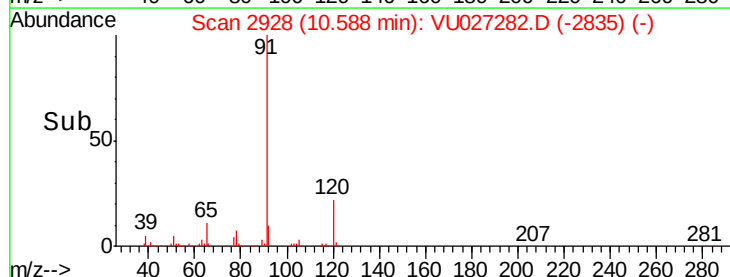
91 100

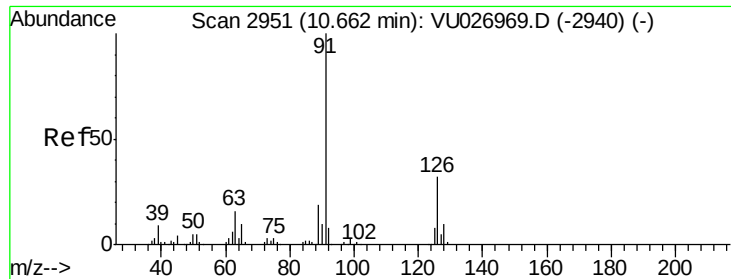
120 21.6 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

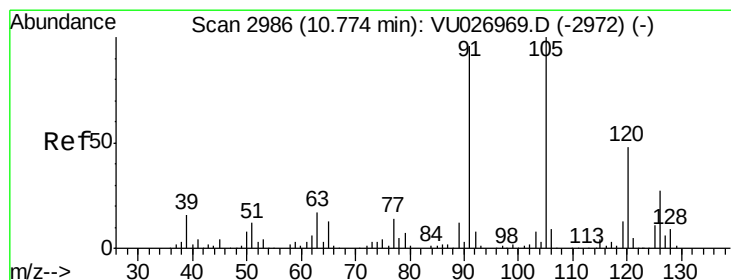
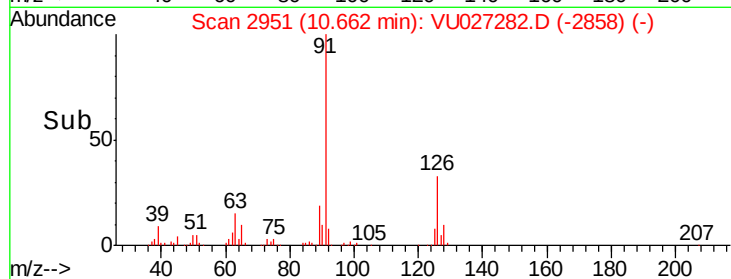
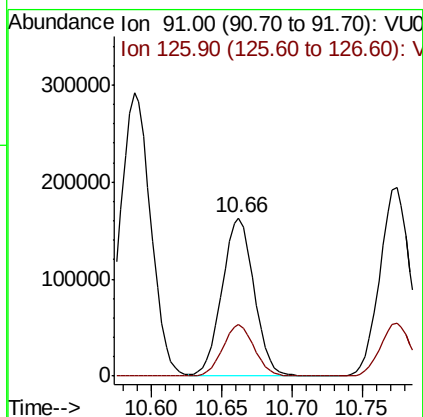
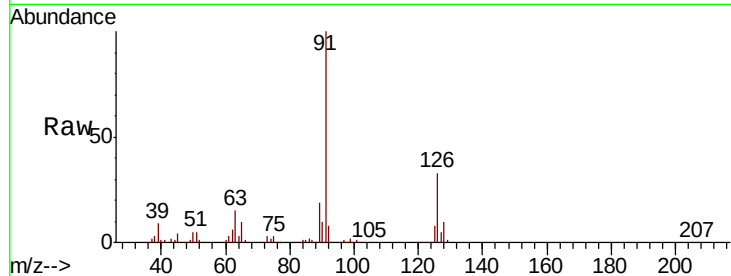




#79
 2-Chlorotoluene
 Concen: 50.454 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

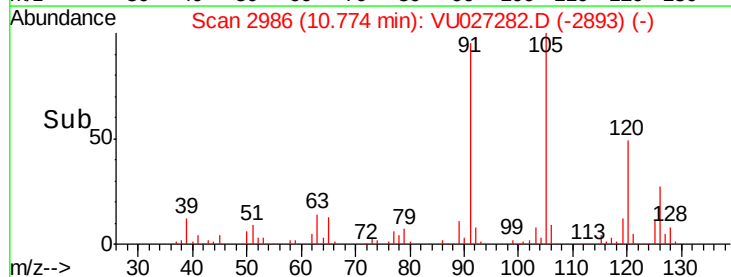
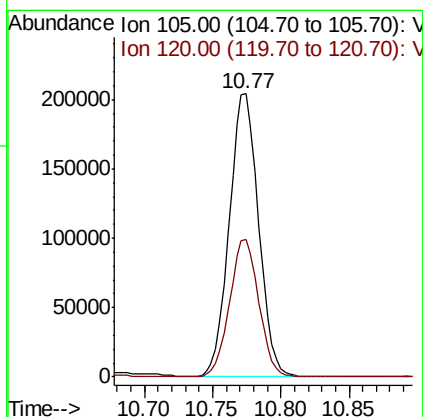
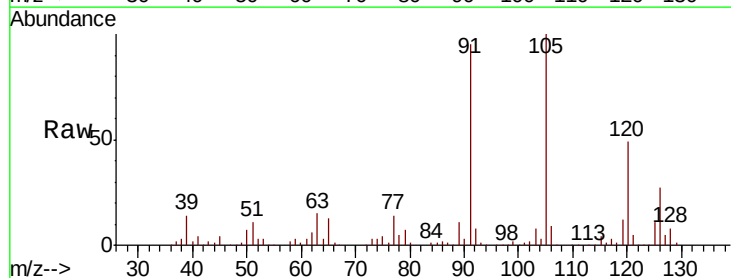
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

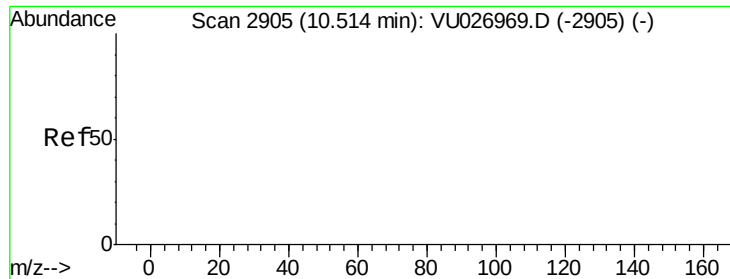
Tgt Ion: 91 Resp: 258526
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 53.559 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion: 105 Resp: 304813
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.9 71.7

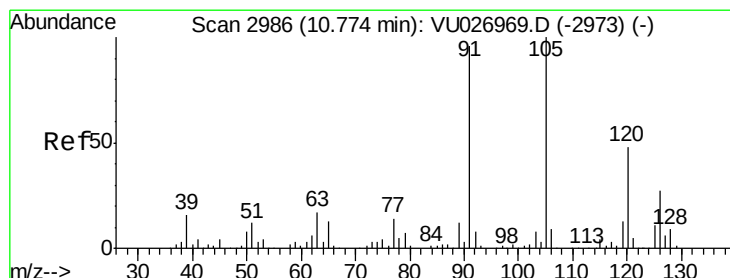
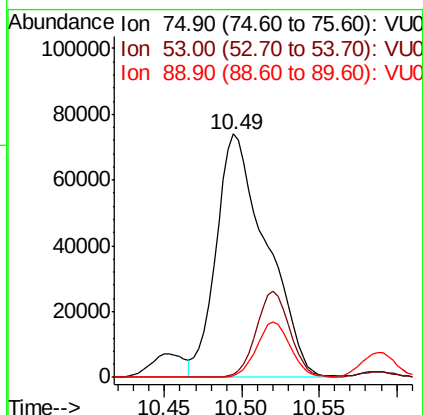
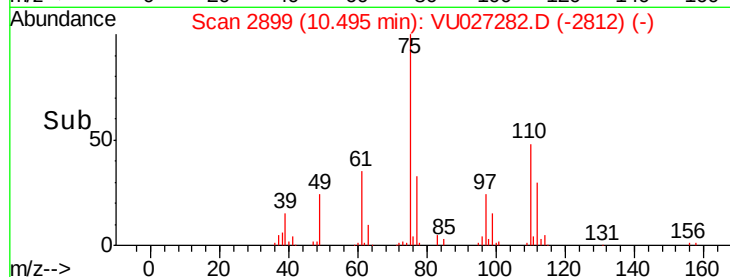
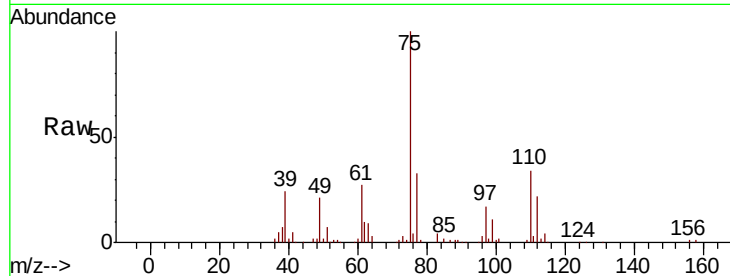




#81
trans-1,4-Dichloro-2-butene
Concen: 194.651 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

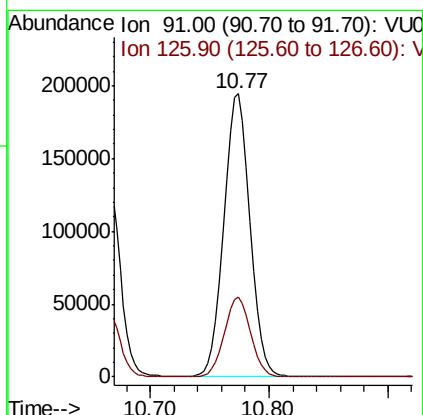
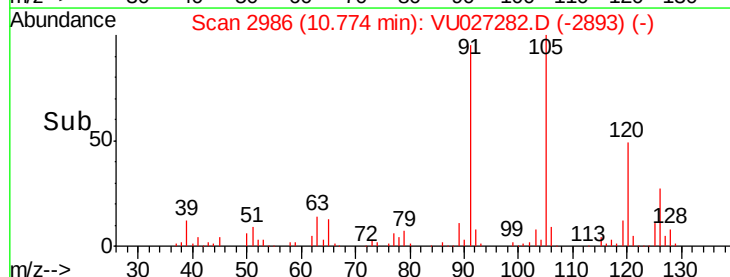
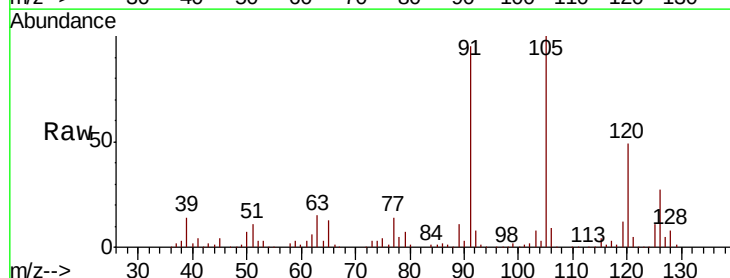
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

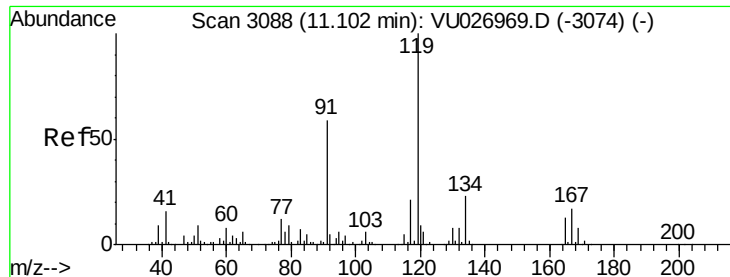
Tgt Ion: 75 Resp: 167476
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 51.335 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Tgt Ion: 91 Resp: 294947
Ion Ratio Lower Upper
91 100
126 28.4 14.1 42.2

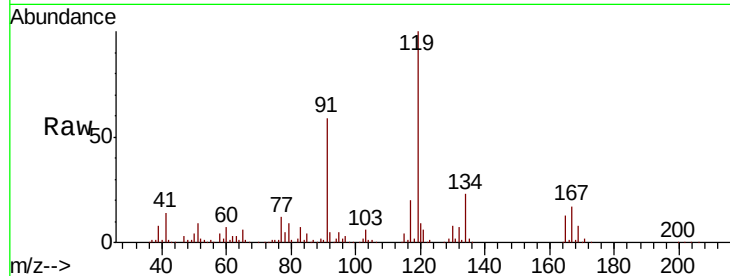




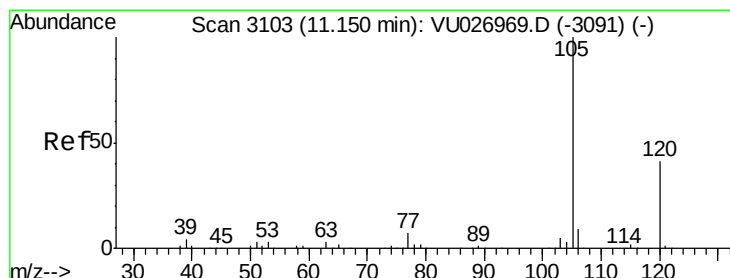
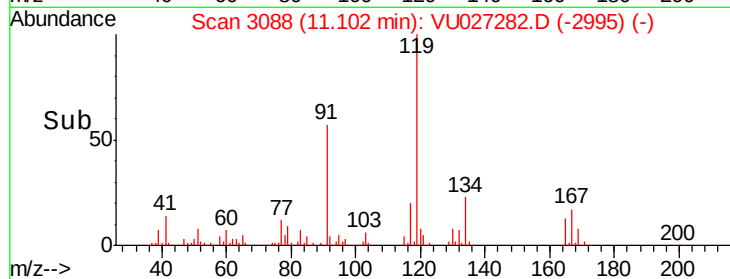
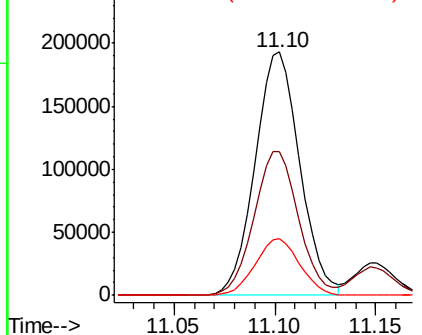
#83
 tert-Butylbenzene
 Concen: 53.094 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 298740
 Ion Ratio Lower Upper
 119 100
 91 58.9 29.8 89.4
 134 23.3 11.5 34.4

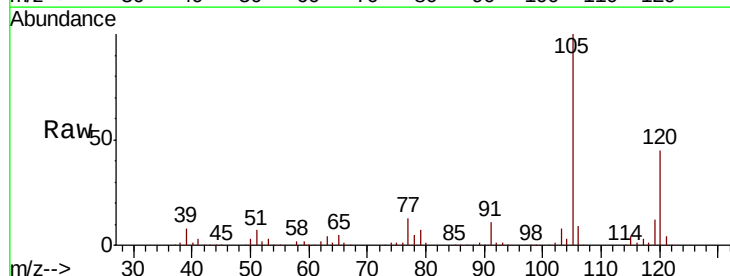


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

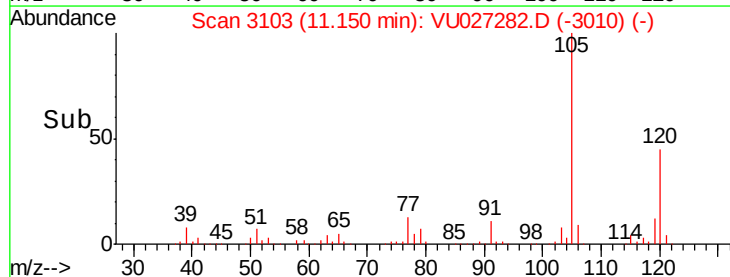
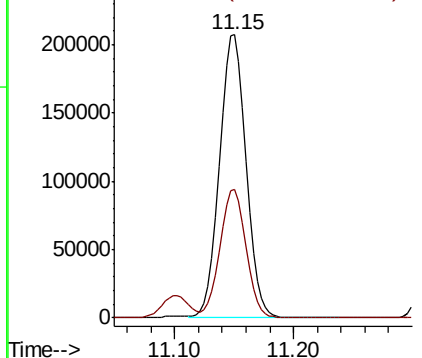


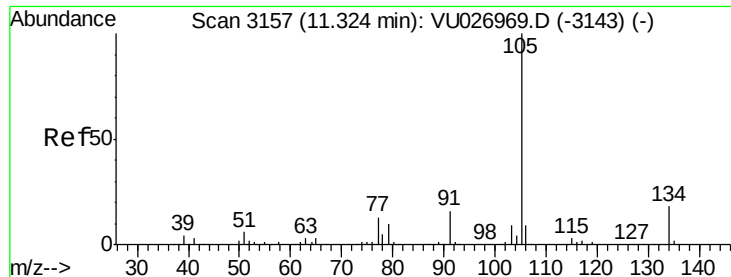
#84
 1,2,4-Trimethylbenzene
 Concen: 55.208 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion:105 Resp: 319753
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.2



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

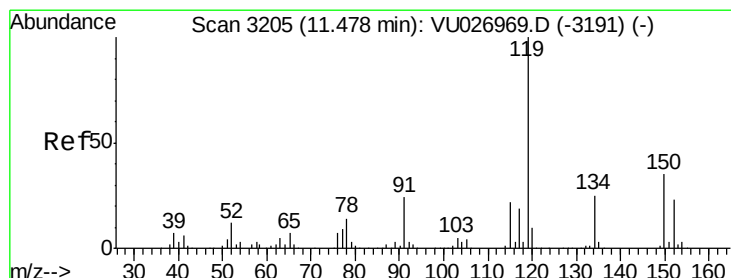
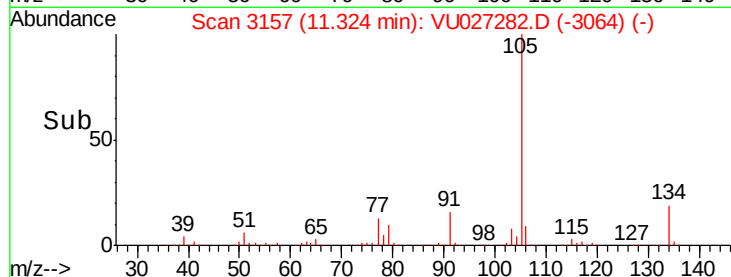
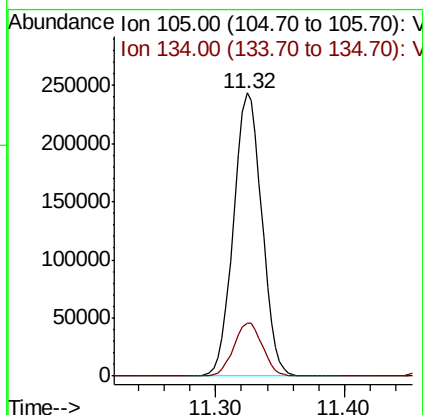
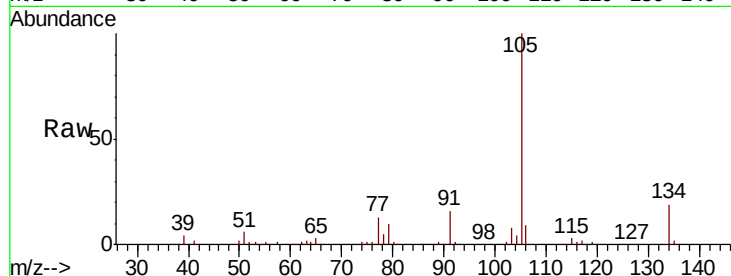




#85
 sec-Butylbenzene
 Concen: 54.148 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

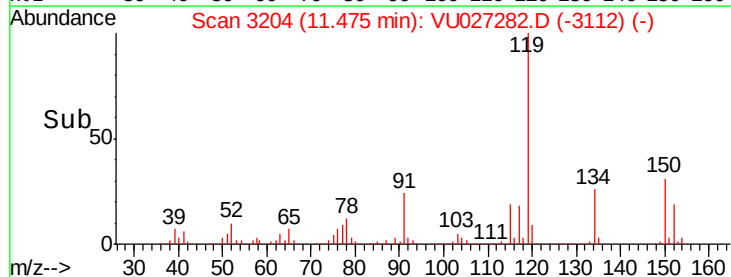
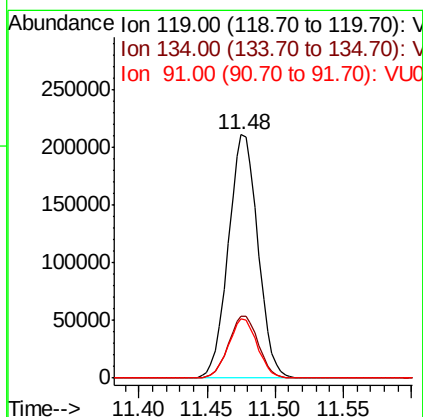
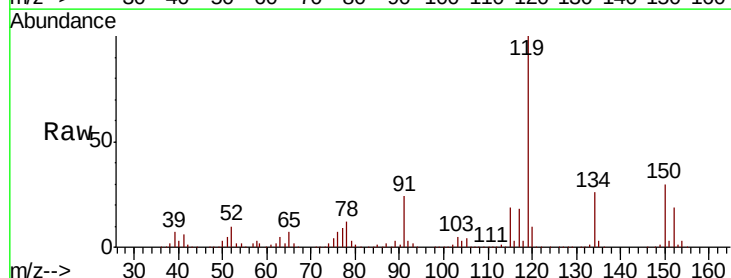
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

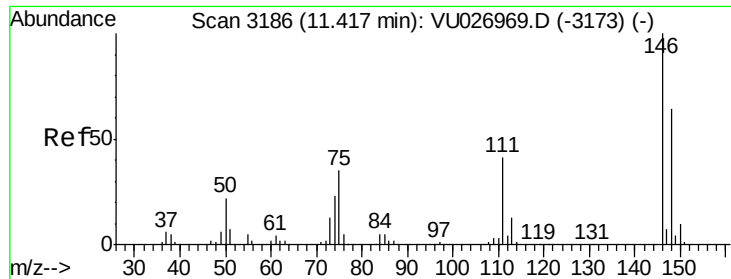
Tgt Ion:105 Resp: 371908
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 49.222 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion:119 Resp: 317130
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 23.9 12.3 36.8

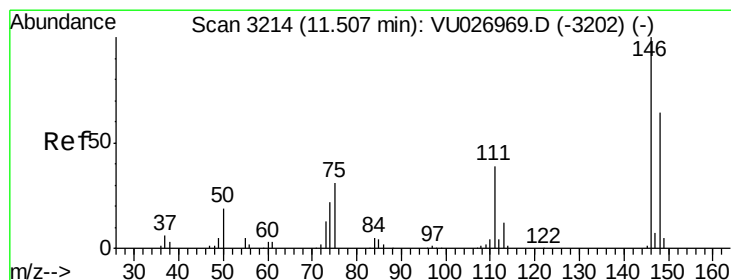
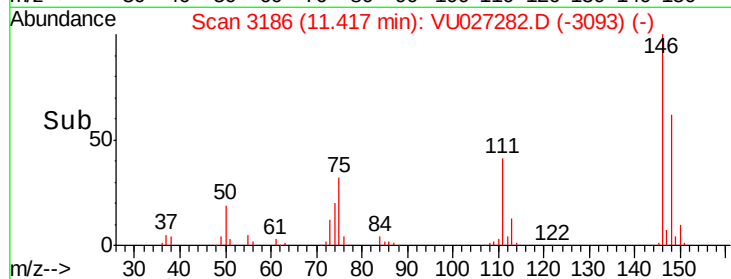
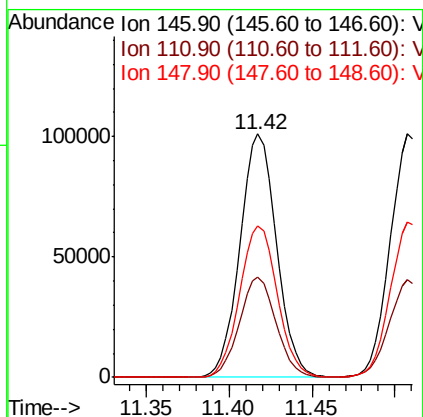
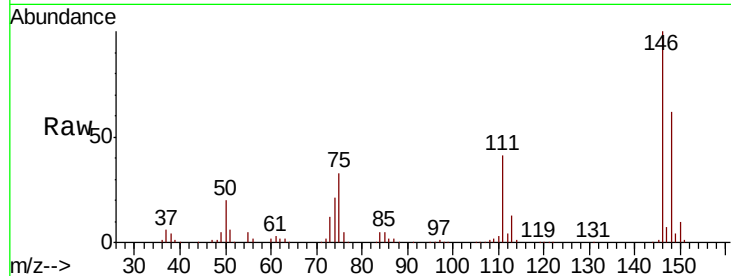




#87
 1,3-Dichlorobenzene
 Concen: 49.535 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

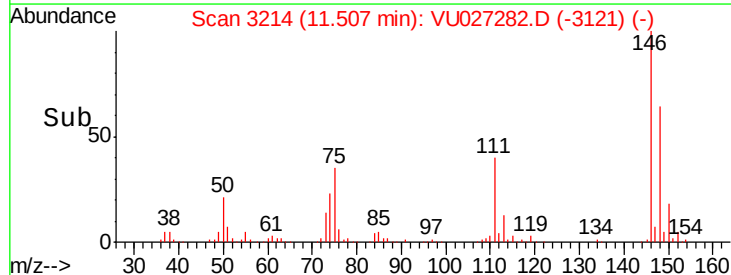
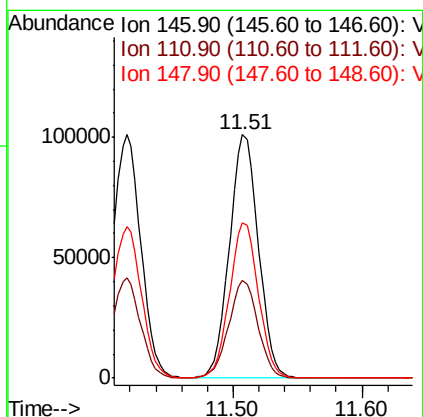
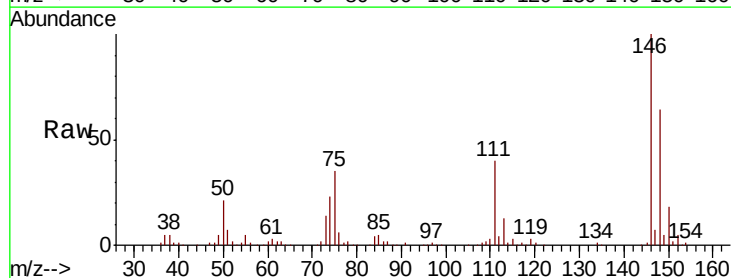
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

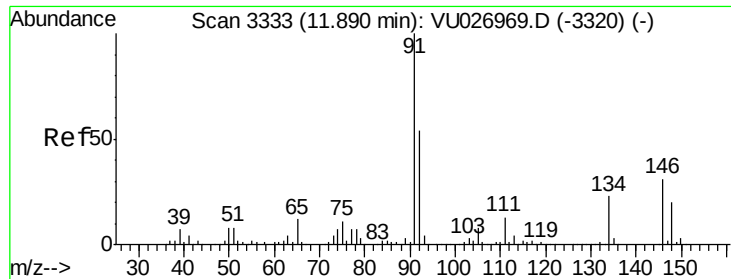
Tgt Ion:146 Resp: 155298
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.2
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.164 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion:146 Resp: 157740
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.9
 148 63.6 31.9 95.9

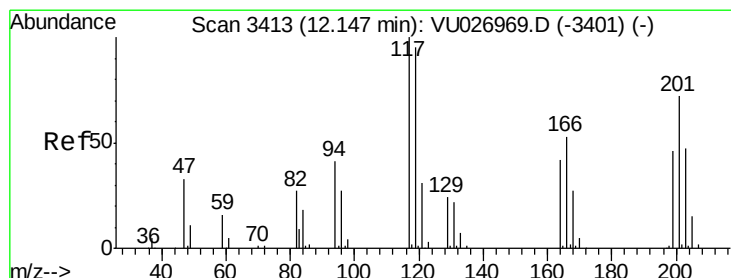
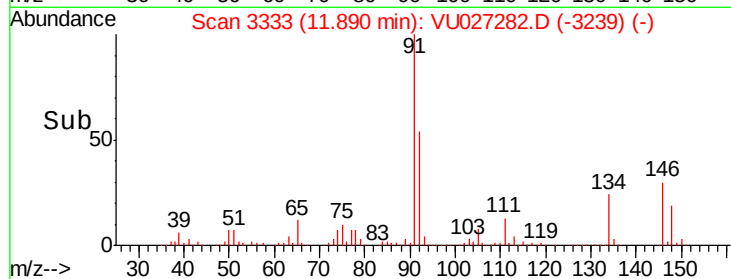
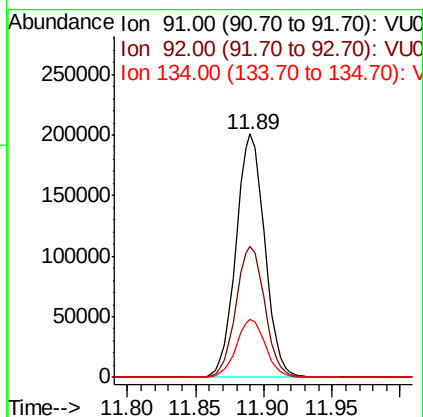
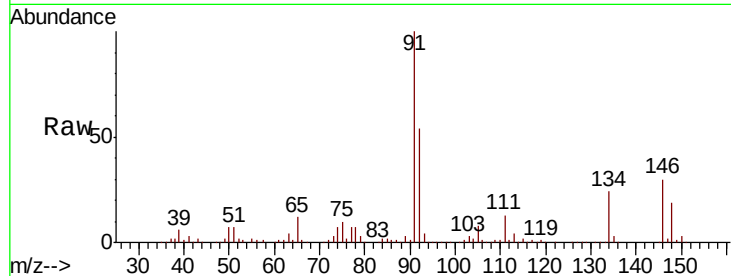




#89
n-Butylbenzene
Concen: 47.138 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

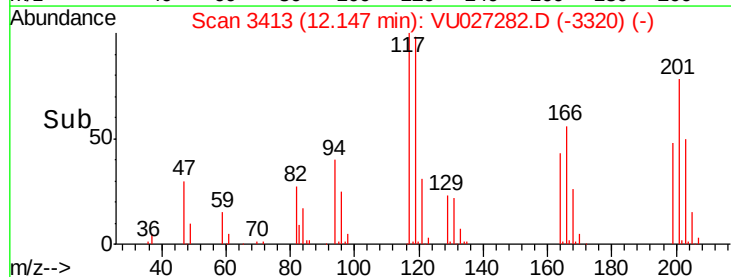
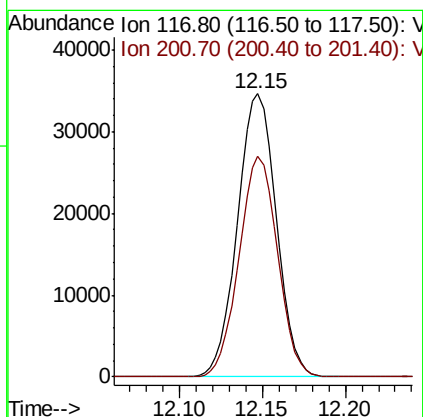
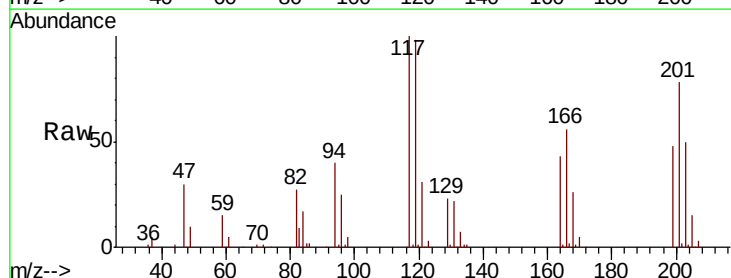
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

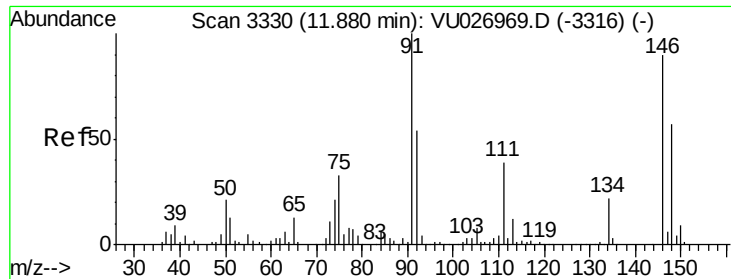
Tgt Ion: 91 Resp: 293594
Ion Ratio Lower Upper
91 100
92 54.0 27.1 81.2
134 23.9 11.7 35.0



#90
Hexachloroethane
Concen: 45.355 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Tgt Ion: 117 Resp: 56648
Ion Ratio Lower Upper
117 100
201 77.1 36.8 110.3





#91

1,2-Dichlorobenzene

Concen: 46.497 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

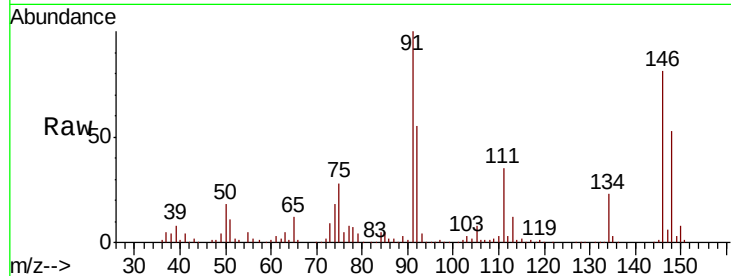
Tgt Ion:146 Resp: 154848

Ion Ratio Lower Upper

146 100

111 43.1 21.8 65.3

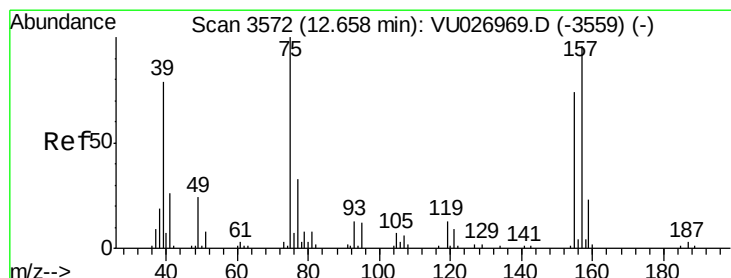
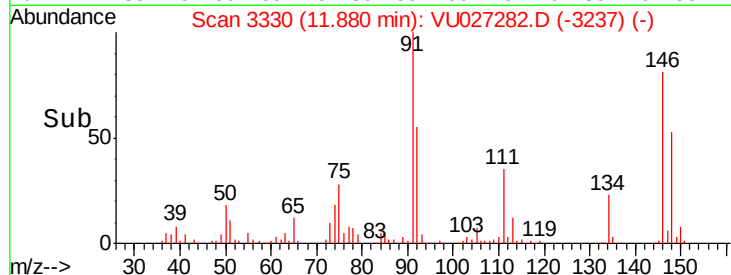
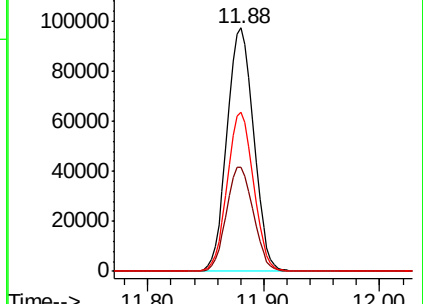
148 64.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.500 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027282.D

Acq: 28 Sep 2018 19:21

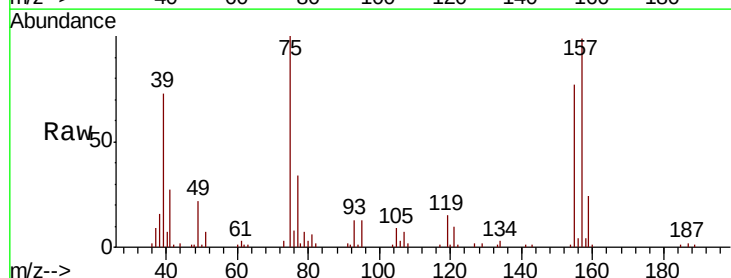
Tgt Ion: 75 Resp: 31363

Ion Ratio Lower Upper

75 100

155 78.0 36.6 109.8

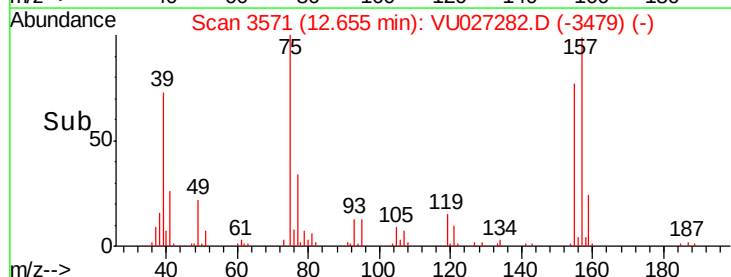
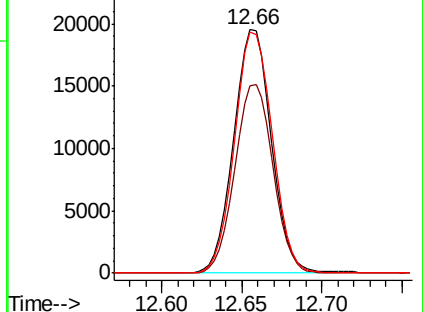
157 99.0 47.4 142.2

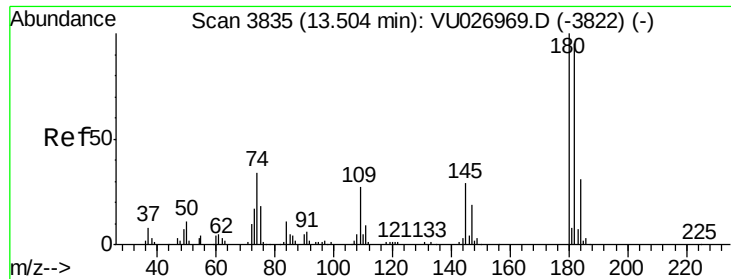


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

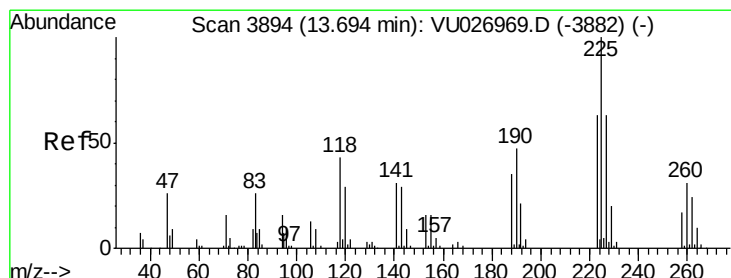
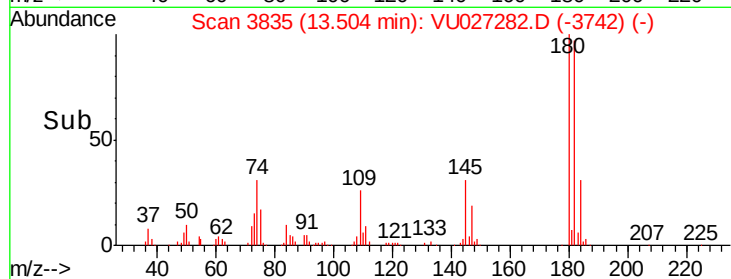
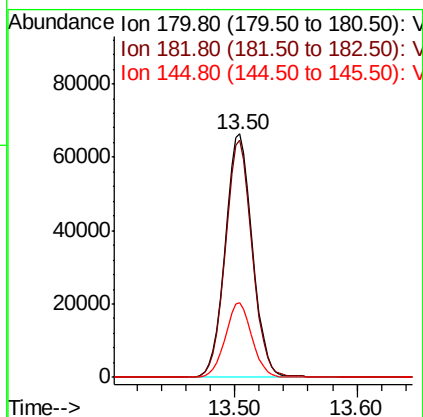
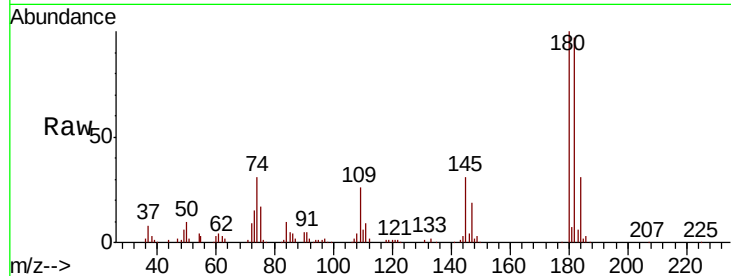




#93
 1,2,4-Trichlorobenzene
 Concen: 54.114 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

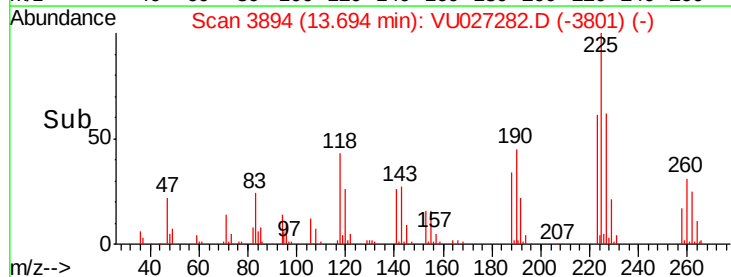
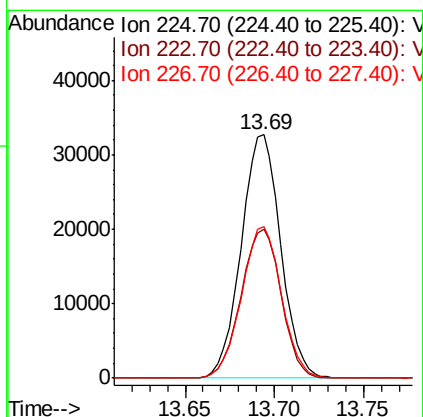
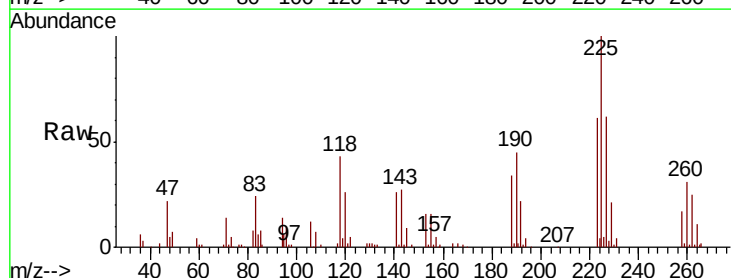
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

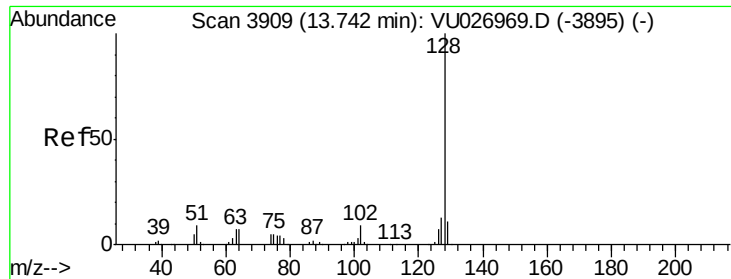
Tgt Ion:180 Resp: 103853
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.4 142.2
 145 30.0 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 49.668 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027282.D
 Acq: 28 Sep 2018 19:21

Tgt Ion:225 Resp: 50435
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.9 95.7
 227 62.9 32.1 96.5

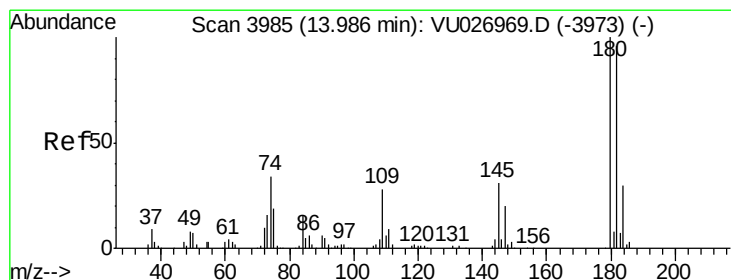
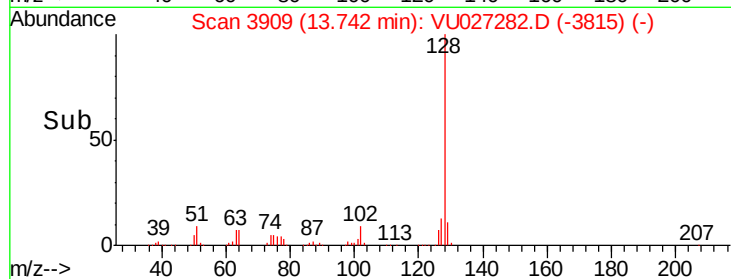
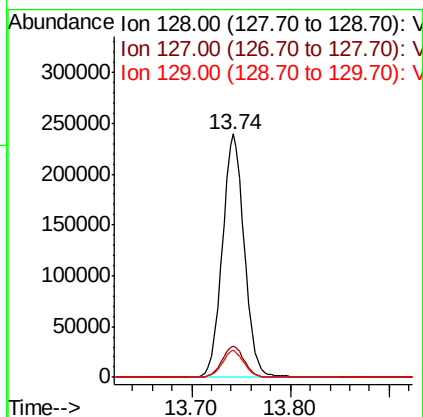
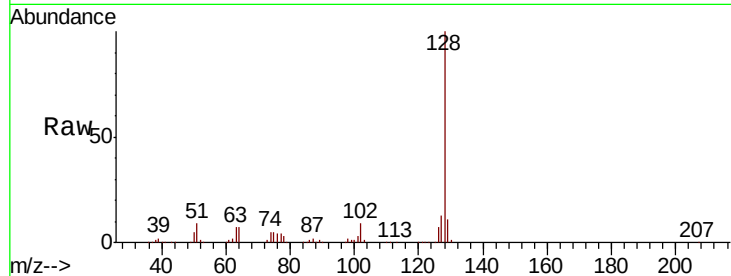




#95
Naphthalene
Concen: 49.892 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 374336
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.433 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027282.D
Acq: 28 Sep 2018 19:21

Tgt Ion:180 Resp: 107911
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.5
145 31.6 15.4 46.4

