

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029129.D
 Acq On : 10 Jan 2019 19:55
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 11 02:49:25 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	125170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	207685	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	195697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	97541	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	77688	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	4.88	113	67284	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	7.56	98	256721	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	10.30	95	91582	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	59086	47.599	ug/l	100
3) Chloromethane	1.33	50	84203	42.393	ug/l	98
4) Vinyl Chloride	1.40	62	86580	47.330	ug/l	99
5) Bromomethane	1.61	94	41526	43.776	ug/l	100
6) Chloroethane	1.69	64	53421	49.028	ug/l	99
7) Trichlorofluoromethane	1.88	101	96022	48.172	ug/l	98
8) Diethyl Ether	2.10	74	47776	49.889	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.28	101	63363	47.508	ug/l	99
10) Methyl Iodide	2.41	142	50630	40.373	ug/l	99
11) Tert butyl alcohol	2.83	59	104566	265.860	ug/l	98
12) 1,1-Dichloroethene	2.28	96	62292	47.984	ug/l	97
13) Acrolein	2.19	56	65586	222.073	ug/l	100
14) Allyl chloride	2.59	41	107600	45.173	ug/l	90
15) Acrylonitrile	2.93	53	257282	266.633	ug/l	100
16) Acetone	2.32	43	201001	206.204	ug/l	100
17) Carbon Disulfide	2.47	76	197597	45.920	ug/l	100
18) Methyl Acetate	2.61	43	126718	55.909	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	232159	50.866	ug/l	98
20) Methylene Chloride	2.70	84	80814	48.830	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	70496	46.740	ug/l	97
22) Diisopropyl ether	3.57	45	245767	52.206	ug/l	98
23) Vinyl Acetate	3.52	43	1006889	261.630	ug/l	100
24) 1,1-Dichloroethane	3.44	63	140245	51.606	ug/l	100
25) 2-Butanone	4.26	43	337785	256.565	ug/l	99
26) 2,2-Dichloropropane	4.22	77	102600	46.724	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	82387	49.943	ug/l	98
28) Bromochloromethane	4.55	49	60664	52.132	ug/l	97
29) Tetrahydrofuran	4.63	42	220185	275.742	ug/l	99
30) Chloroform	4.67	83	132120	51.042	ug/l	99
31) Cyclohexane	4.99	56	125493	48.893	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	106877	49.971	ug/l	99
36) 1,1-Dichloropropene	5.13	75	97455	46.946	ug/l	100
37) Ethyl Acetate	4.38	43	122305	53.675	ug/l	100
38) Carbon Tetrachloride	5.13	117	86532	49.978	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	122102	47.845	ug/l	98
40) Benzene	5.39	78	316552	48.886	ug/l	100
41) Methacrylonitrile	4.54	41	66215	54.287	ug/l	100
42) 1,2-Dichloroethane	5.40	62	99983	51.385	ug/l	99
43) Isopropyl Acetate	5.55	43	186941	53.482	ug/l	99
44) Trichloroethene	6.18	130	76134	47.453	ug/l	98
45) 1,2-Dichloropropane	6.43	63	86683	50.692	ug/l	100
46) Dibromomethane	6.56	93	54253	49.631	ug/l	99
47) Bromodichloromethane	6.76	83	101300	50.332	ug/l	99
48) Methyl methacrylate	6.62	41	92388	54.281	ug/l	99
49) 1,4-Dioxane	6.61	88	42595	1056.030	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	636756	267.675	ug/l	99
52) Toluene	7.63	92	194144	49.250	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	118126	48.858	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	130230	49.849	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	79235	50.173	ug/l	97
56) Ethyl methacrylate	8.02	69	126982	52.192	ug/l	97
57) 1,3-Dichloropropane	8.24	76	137685	50.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	284606	265.994	ug/l	99
59) 2-Hexanone	8.36	43	496691	265.994	ug/l	100
60) Dibromochloromethane	8.48	129	77593	49.594	ug/l	100
61) 1,2-Dibromoethane	8.58	107	84818	49.521	ug/l	99
64) Tetrachloroethene	8.22	164	68509	48.598	ug/l	97
65) Chlorobenzene	9.12	112	208761	47.590	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	70290	49.376	ug/l	99
67) Ethyl Benzene	9.25	91	363835	49.679	ug/l	100
68) m/p-Xylenes	9.37	106	281813	99.034	ug/l	99
69) o-Xylene	9.78	106	137262	50.062	ug/l	99
70) Styrene	9.79	104	226720	50.440	ug/l	100
71) Bromoform	9.95	173	62159	49.039	ug/l #	100
73) Isopropylbenzene	10.16	105	356645	49.399	ug/l	100
74) N-amyl acetate	10.01	43	162244	52.150	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	142152	49.127	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	159400	66.697	ug/l	81
77) Bromobenzene	10.45	156	90450	48.075	ug/l	99
78) n-propylbenzene	10.58	91	426531	50.131	ug/l	100
79) 2-Chlorotoluene	10.66	91	250271	48.490	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	300114	49.778	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	159400	172.015	ug/l #	100
82) 4-Chlorotoluene	10.77	91	286528	48.414	ug/l	99
83) tert-Butylbenzene	11.10	119	293600	49.408	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	306984	50.999	ug/l	99
85) sec-Butylbenzene	11.32	105	366774	51.035	ug/l	100
86) p-Isopropyltoluene	11.47	119	311572	50.877	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	161901	46.914	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	162716	45.678	ug/l	100
89) n-Butylbenzene	11.89	91	286921	52.494	ug/l	99
90) Hexachloroethane	12.14	117	47681	46.282	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	163421	47.015	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	29878	53.686	ug/l	98

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Response via : Initial Calibration

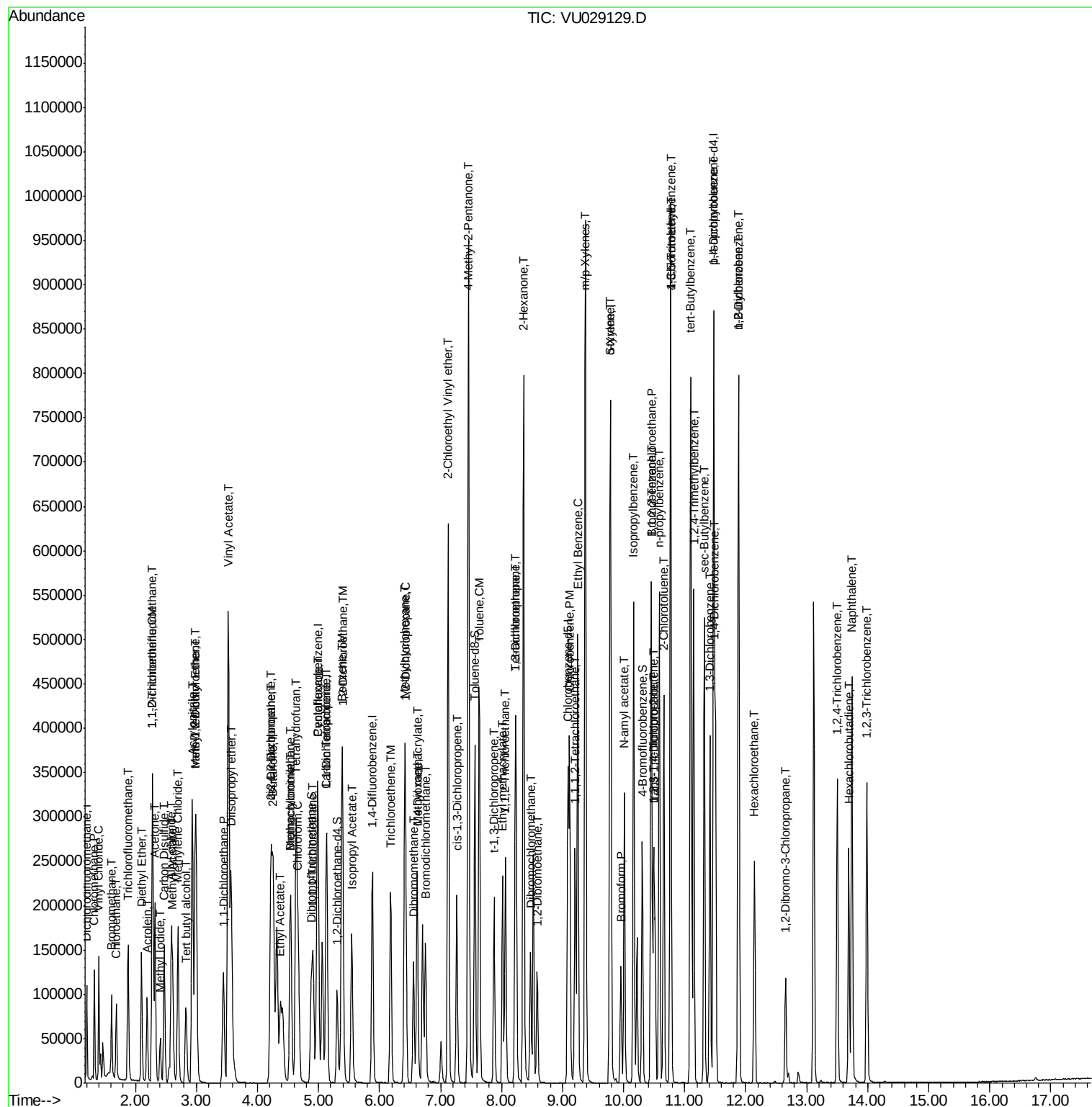
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	109868	49.515	ug/l	99
94) Hexachlorobutadiene	13.69	225	51269	50.516	ug/l	99
95) Naphthalene	13.74	128	378343	50.124	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	114899	50.296	ug/l	99

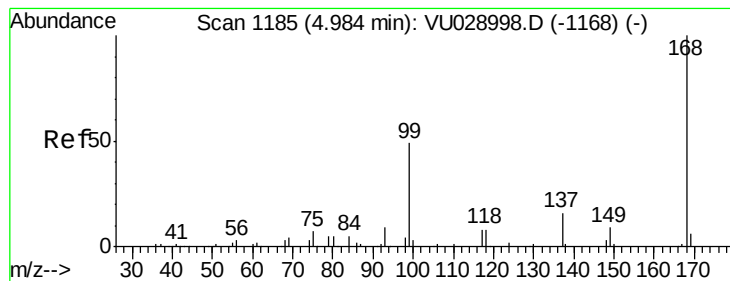
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

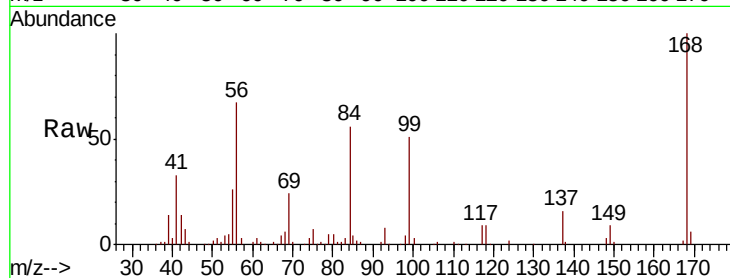
VSTDCCC050EC

Tgt Ion:168 Resp: 125170

Ion Ratio Lower Upper

168 100

99 50.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

60000

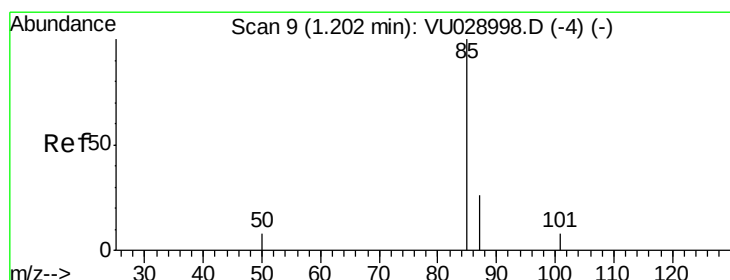
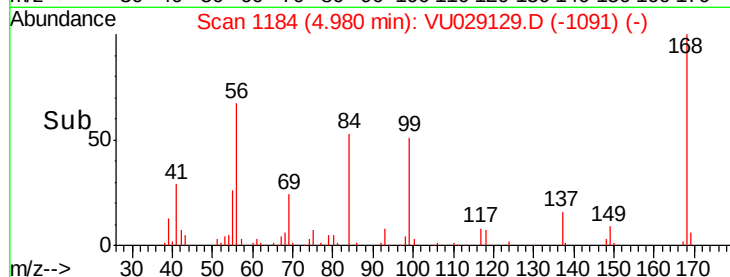
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.599 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU029129.D

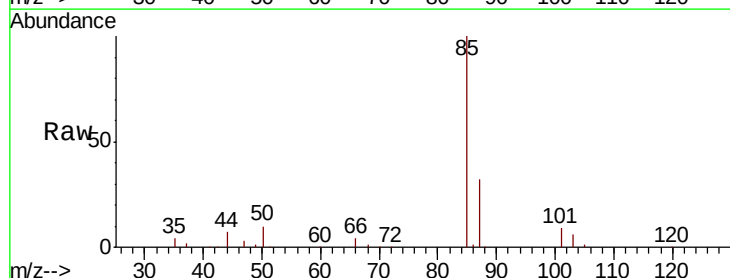
Acq: 10 Jan 2019 19:55

Tgt Ion: 85 Resp: 59086

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VU028998.D (-4) (-)

Ion 86.90 (86.60 to 87.60): VU028998.D (-4) (-)

1.21

60000

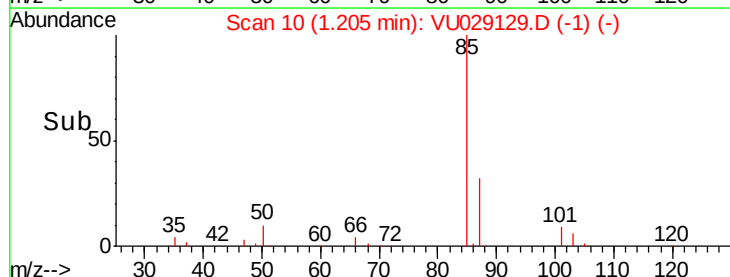
40000

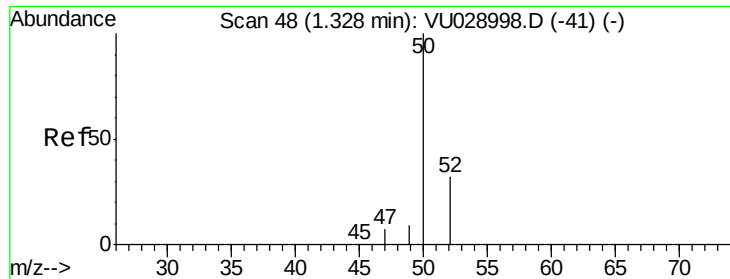
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 42.393 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

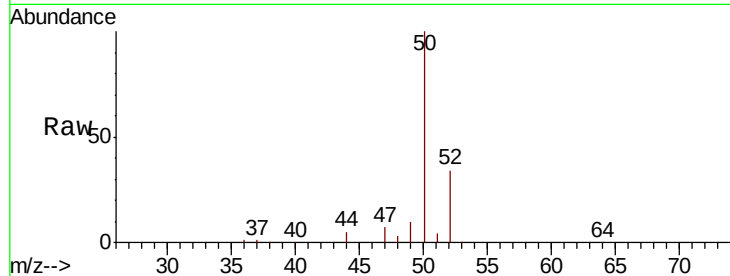
VSTDCCC050EC

Tgt Ion: 50 Resp: 84203

Ion Ratio Lower Upper

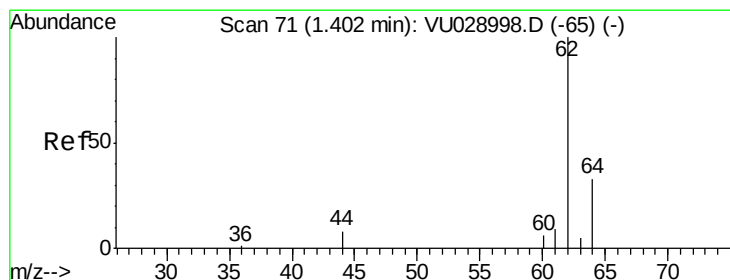
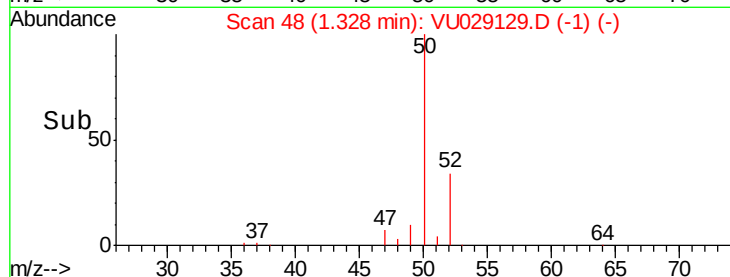
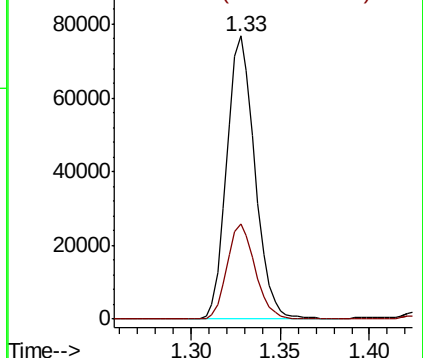
50 100

52 33.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 47.330 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU029129.D

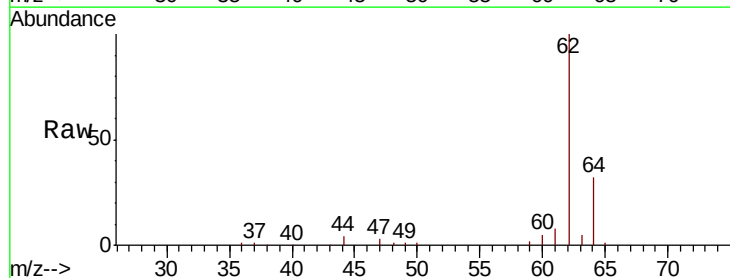
Acq: 10 Jan 2019 19:55

Tgt Ion: 62 Resp: 86580

Ion Ratio Lower Upper

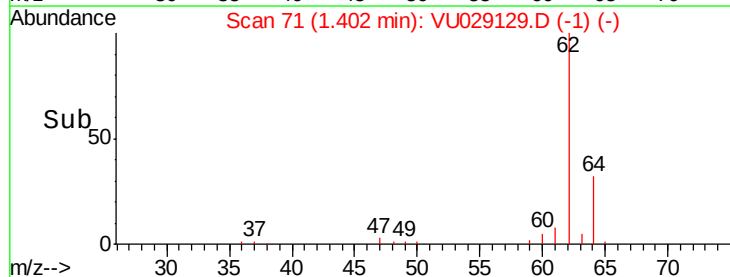
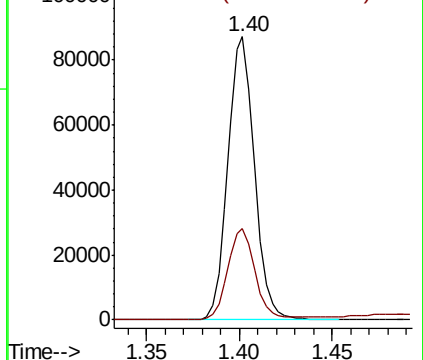
62 100

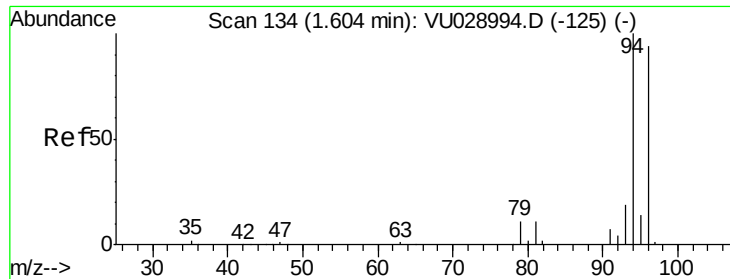
64 31.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

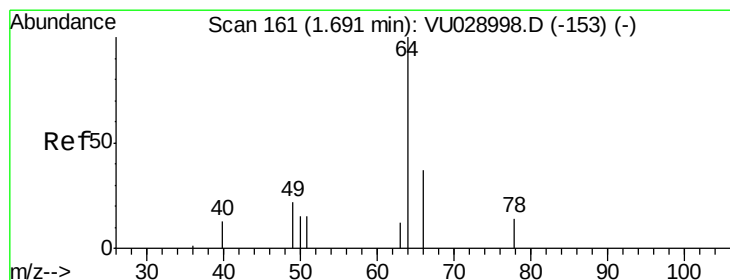
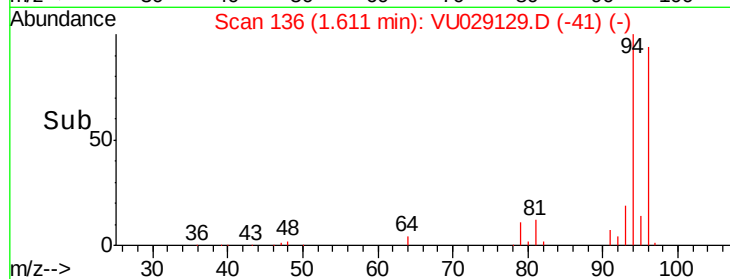
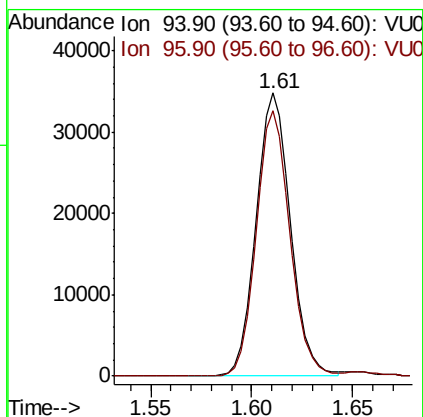
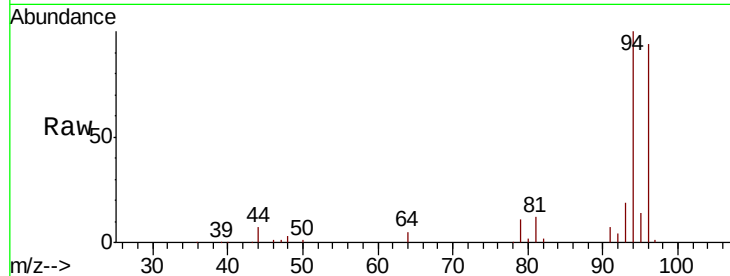




#5
 Bromomethane
 Concen: 43.776 ug/l
 RT: 1.61 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VU029129.D
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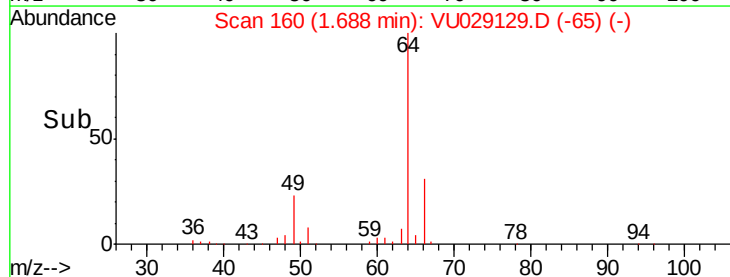
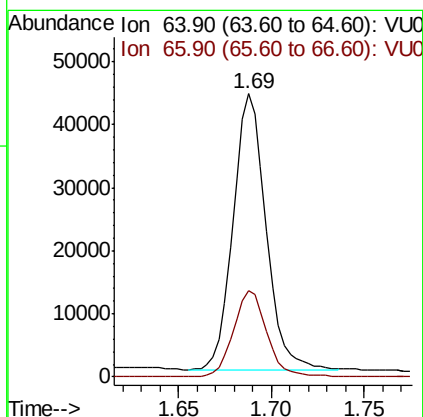
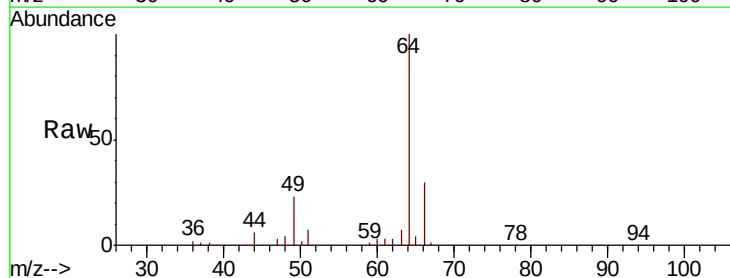
Instrument :
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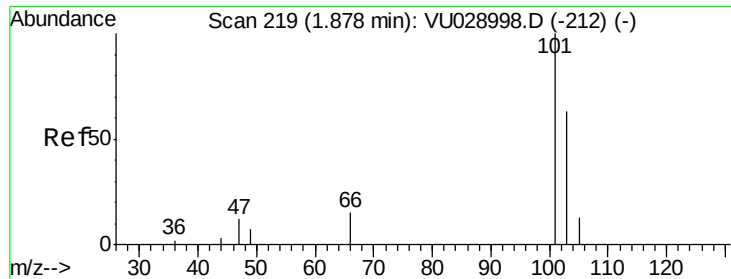
Tgt Ion: 94 Resp: 41526
 Ion Ratio Lower Upper
 94 100
 96 94.0 75.5 113.3



#6
 Chloroethane
 Concen: 49.028 ug/l
 RT: 1.69 min Scan# 160
 Delta R.T. 0.01 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion: 64 Resp: 53421
 Ion Ratio Lower Upper
 64 100
 66 31.2 25.2 37.8



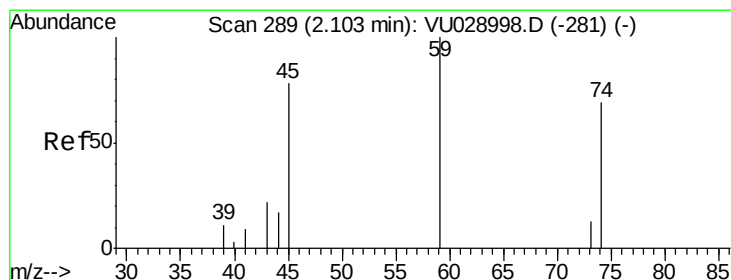
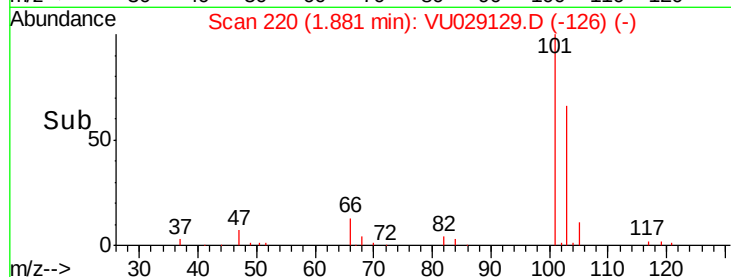
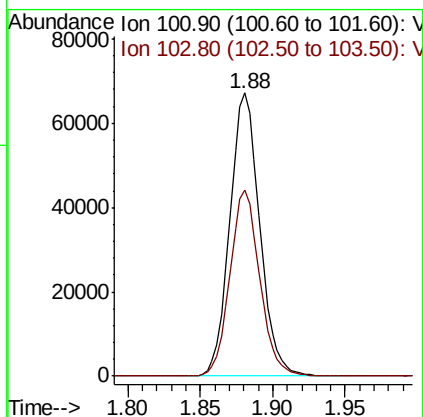
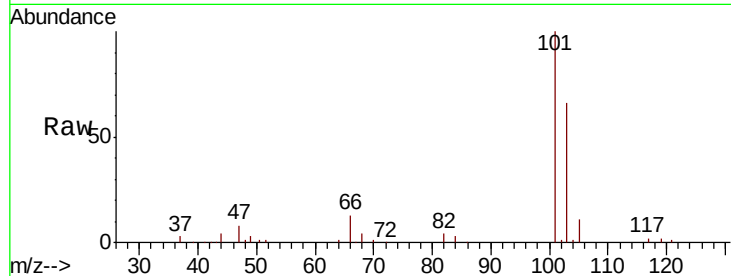


#7

Trichlorofluoromethane
 Concen: 48.172 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Instrument :
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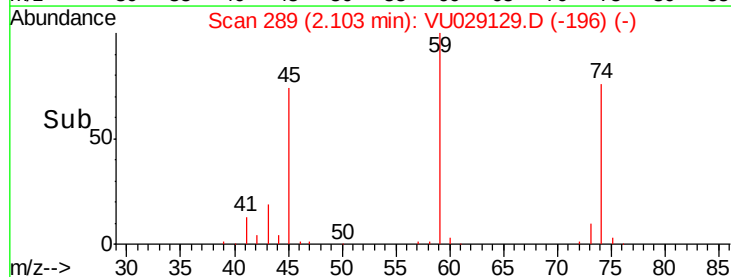
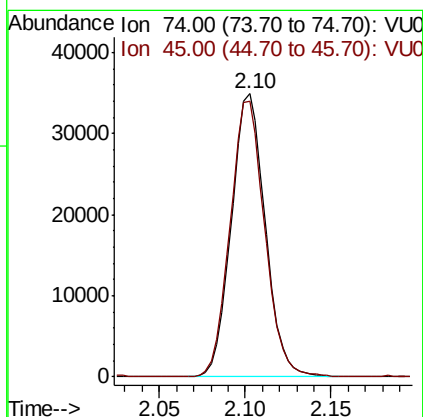
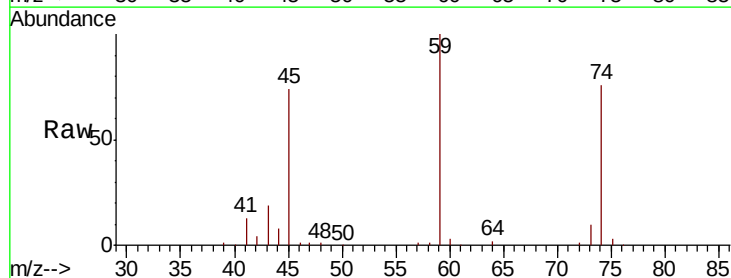
Tgt Ion: 101 Resp: 96022
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.5 77.3

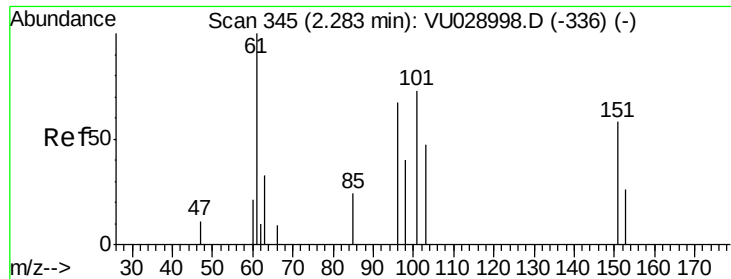


#8

Diethyl Ether
 Concen: 49.889 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion: 74 Resp: 47776
 Ion Ratio Lower Upper
 74 100
 45 99.9 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.508 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

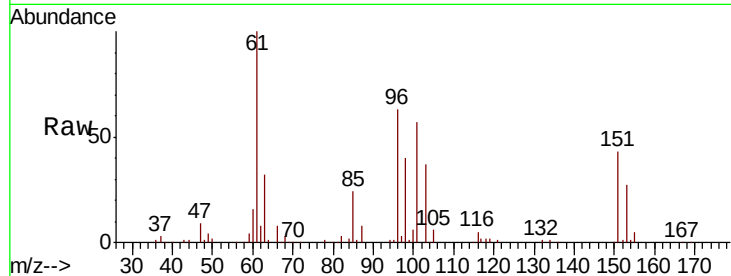
Tgt Ion:101 Resp: 63363

Ion Ratio Lower Upper

101 100

85 42.7 35.1 52.7

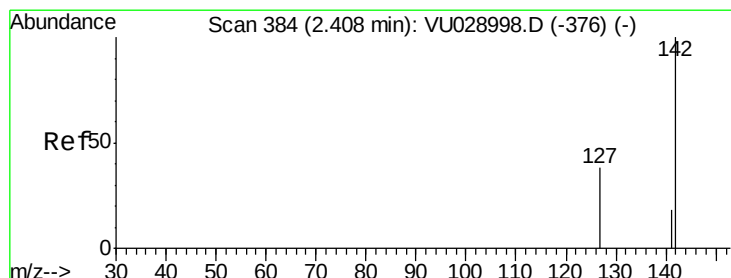
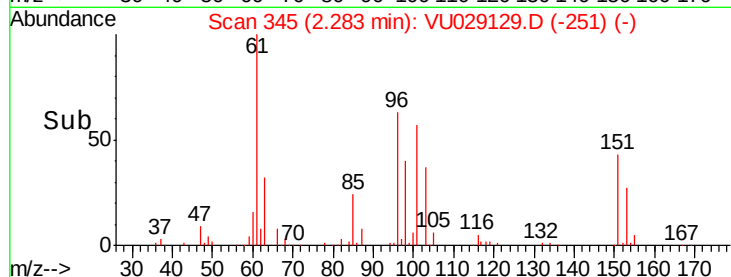
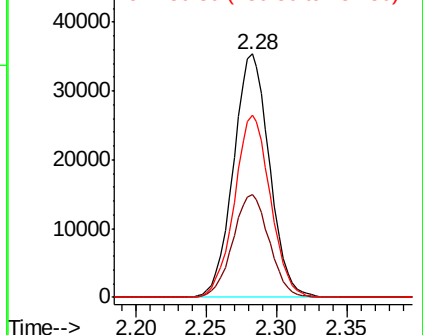
151 74.5 60.2 90.2



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: 40.373 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

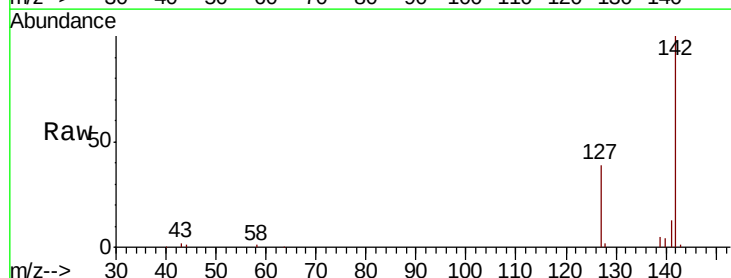
Tgt Ion:142 Resp: 50630

Ion Ratio Lower Upper

142 100

127 37.8 29.8 44.6

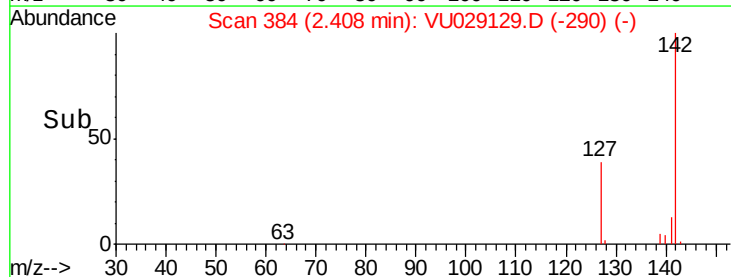
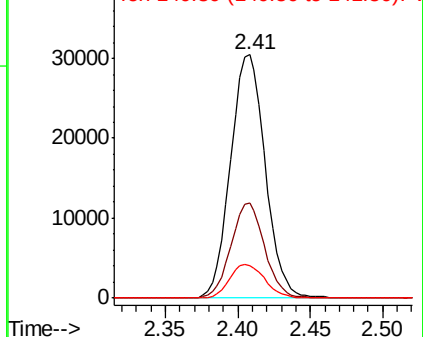
141 14.0 11.5 17.3

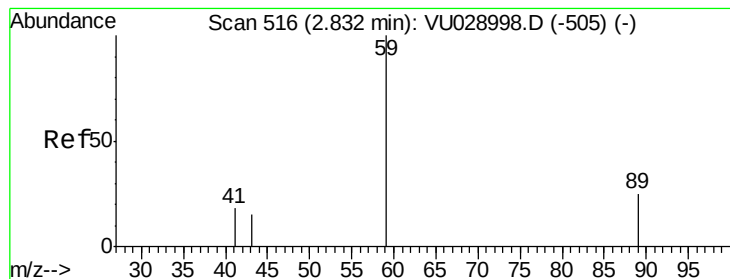


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



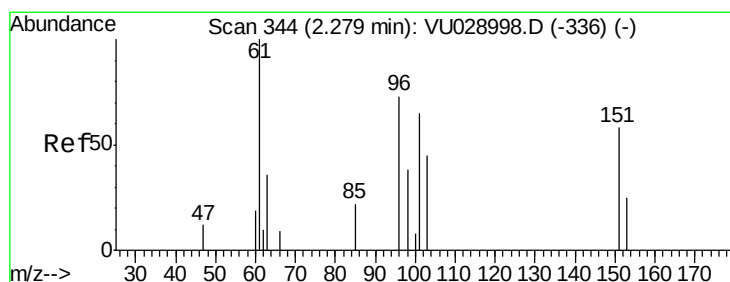
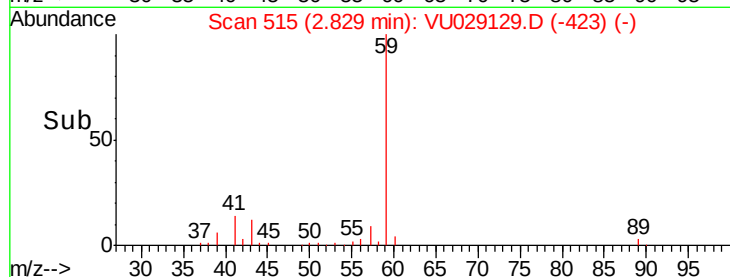
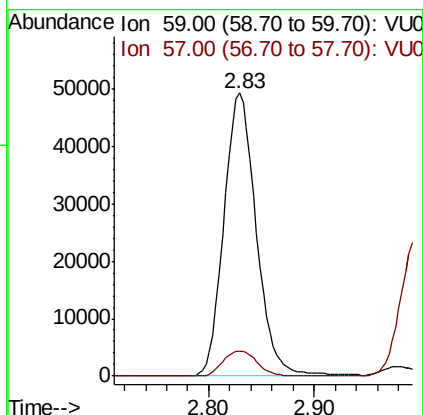
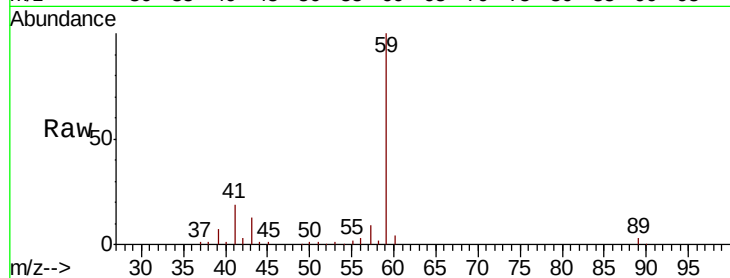


#11

Tert butyl alcohol
 Concen: 265.860 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

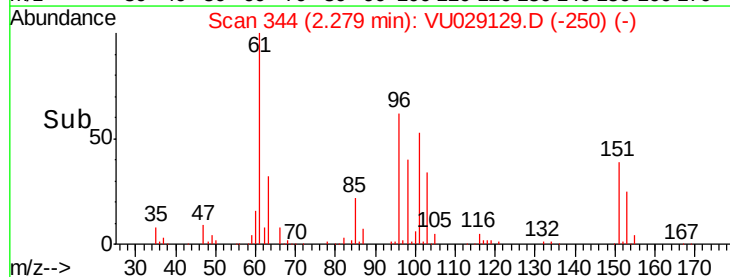
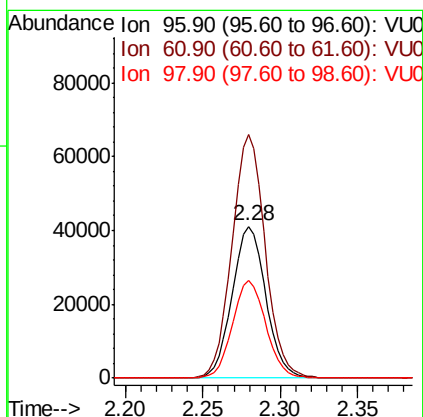
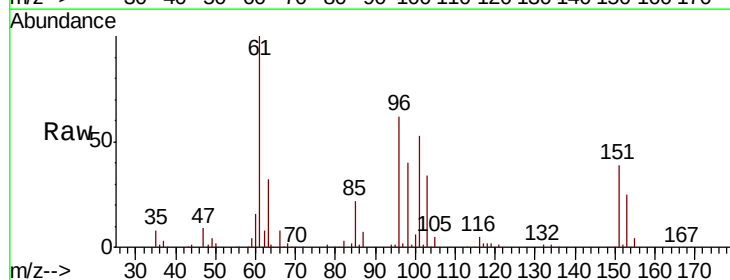
Tgt Ion: 59 Resp: 104566
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.9 11.9

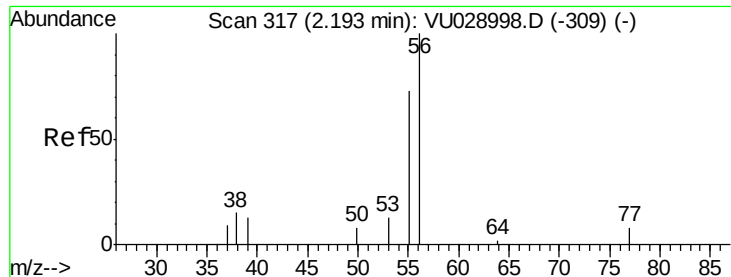


#12

1,1-Dichloroethene
 Concen: 47.984 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion: 96 Resp: 62292
 Ion Ratio Lower Upper
 96 100
 61 160.1 125.4 188.0
 98 64.3 49.7 74.5





#13

Acrolein

Concen: 222.073 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

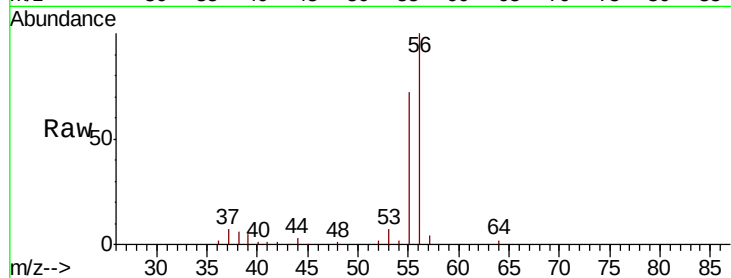
VSTDCCC050EC

Tgt Ion: 56 Resp: 65586

Ion Ratio Lower Upper

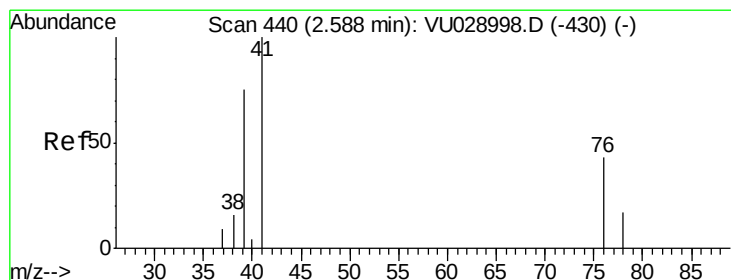
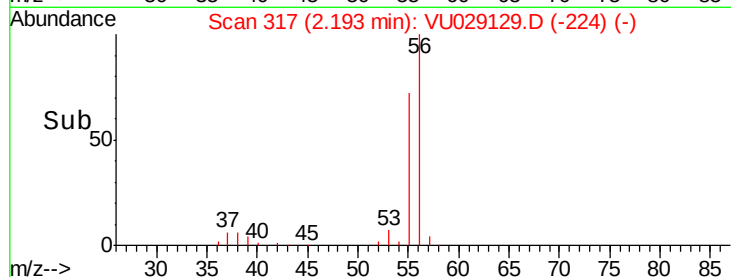
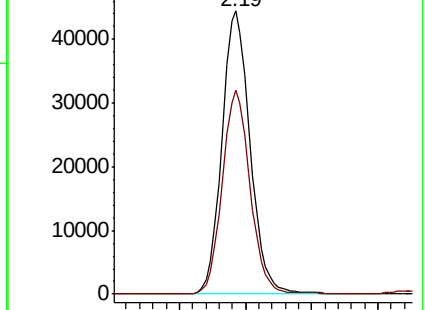
56 100

55 70.9 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VU029129.D (-224) (-)

Ion 55.00 (54.70 to 55.70): VU029129.D (-224) (-)



#14

Allyl chloride

Concen: 45.173 ug/l

RT: 2.59 min Scan# 440

Delta R.T. -0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

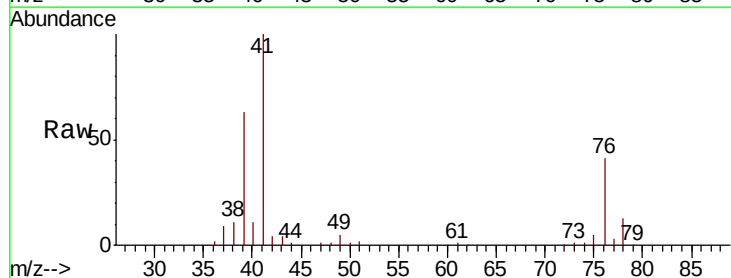
Tgt Ion: 41 Resp: 107600

Ion Ratio Lower Upper

41 100

39 64.8 45.0 67.6

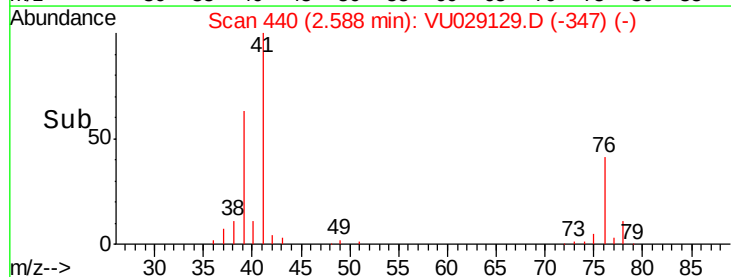
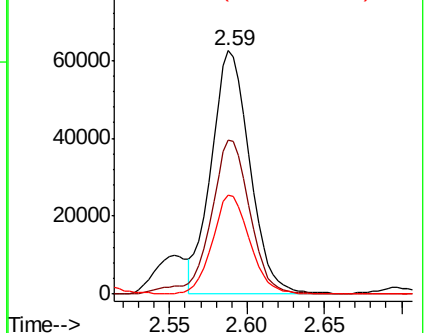
76 39.8 28.1 42.1

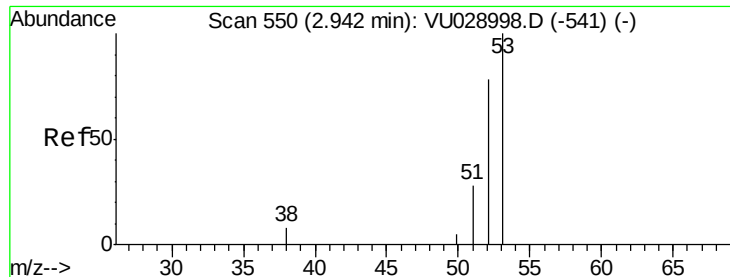


Abundance Ion 41.00 (40.70 to 41.70): VU029129.D (-347) (-)

Ion 39.00 (38.70 to 39.70): VU029129.D (-347) (-)

Ion 75.90 (75.60 to 76.60): VU029129.D (-347) (-)





#15

Acrylonitrile

Concen: 266.633 ug/l

RT: 2.93 min Scan# 547

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

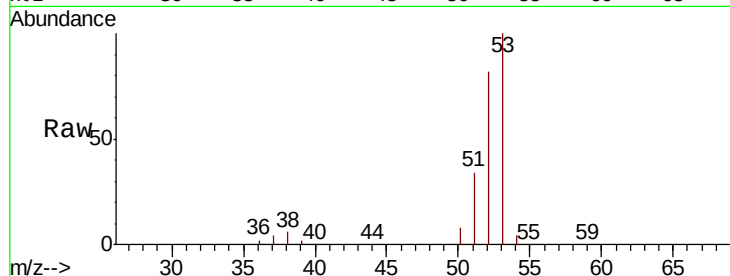
Tgt Ion: 53 Resp: 257282

Ion Ratio Lower Upper

53 100

52 81.3 64.8 97.2

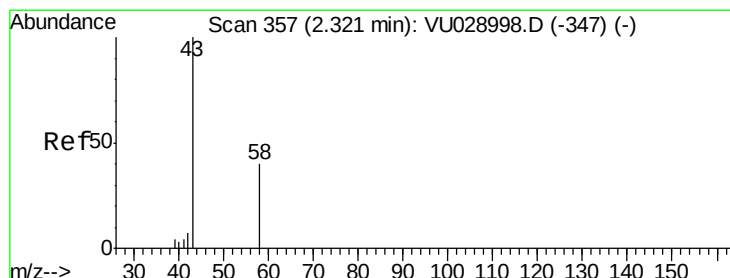
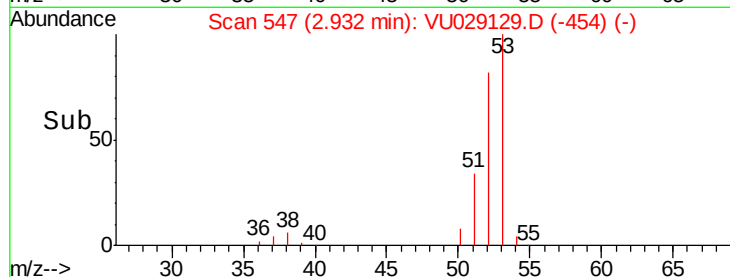
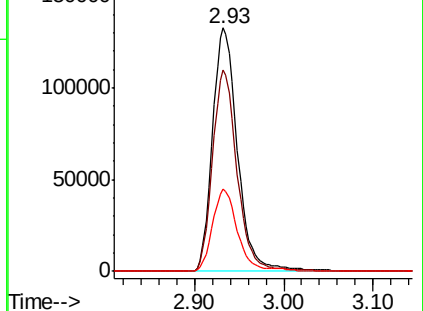
51 34.1 27.3 40.9



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 206.204 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029129.D

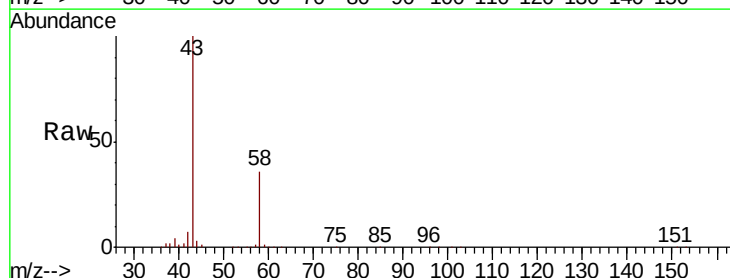
Acq: 10 Jan 2019 19:55

Tgt Ion: 43 Resp: 201001

Ion Ratio Lower Upper

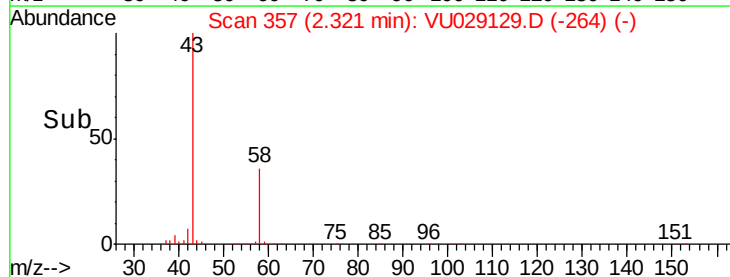
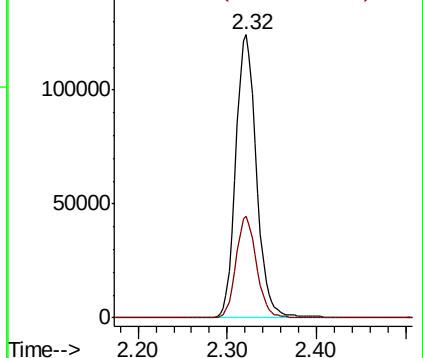
43 100

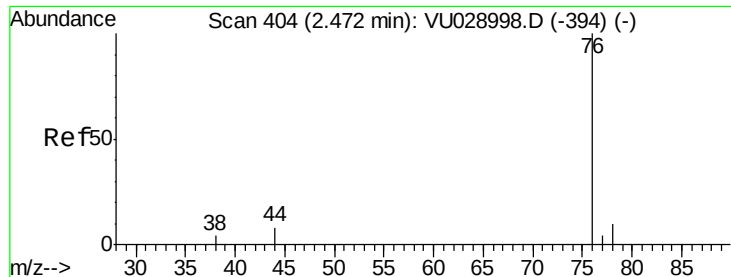
58 35.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 45.920 ug/l

RT: 2.47 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

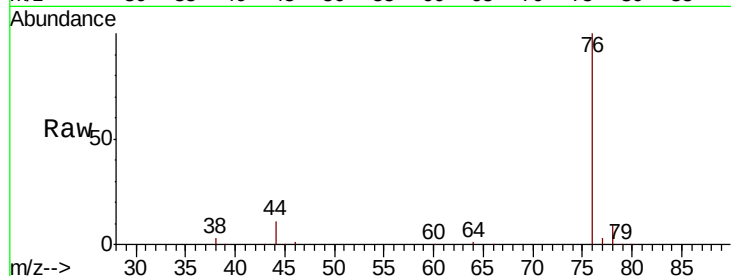
VSTDCCC050EC

Tgt Ion: 76 Resp: 197597

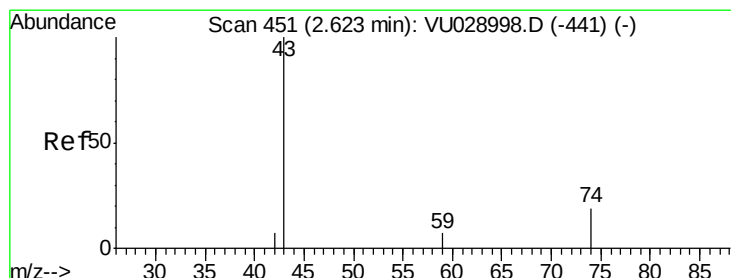
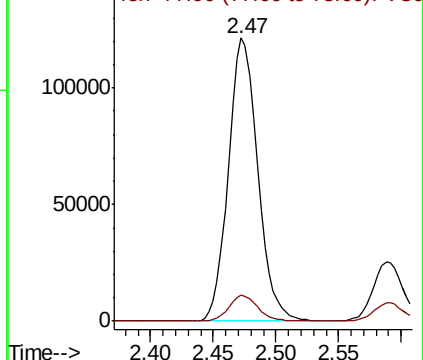
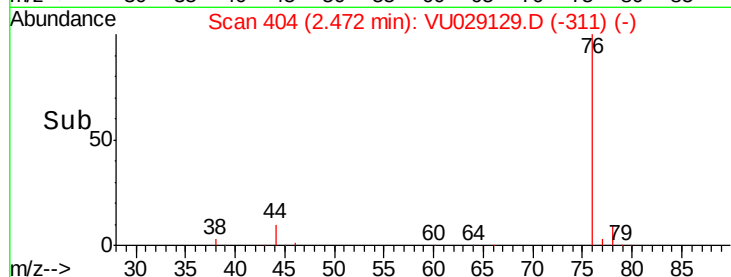
Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU029129.D (-311) (-)



#18

Methyl Acetate

Concen: 55.909 ug/l

RT: 2.61 min Scan# 448

Delta R.T. 0.00 min

Lab File: VU029129.D

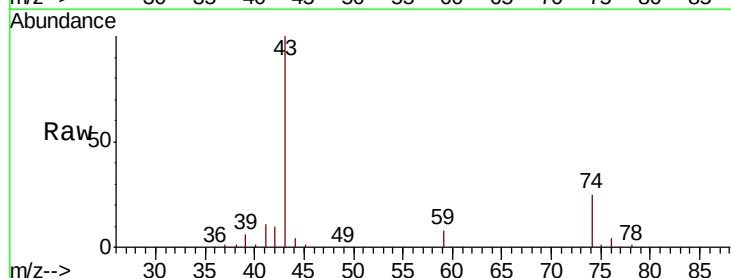
Acq: 10 Jan 2019 19:55

Tgt Ion: 43 Resp: 126718

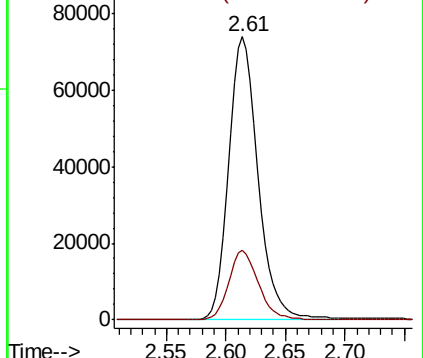
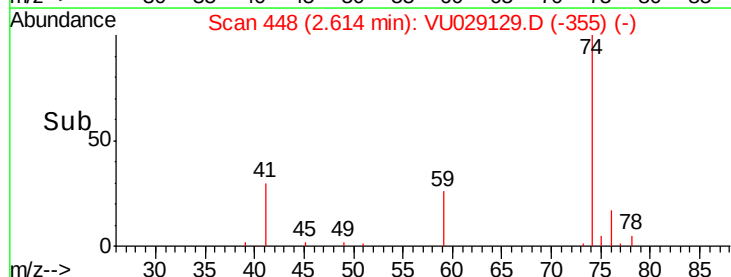
Ion Ratio Lower Upper

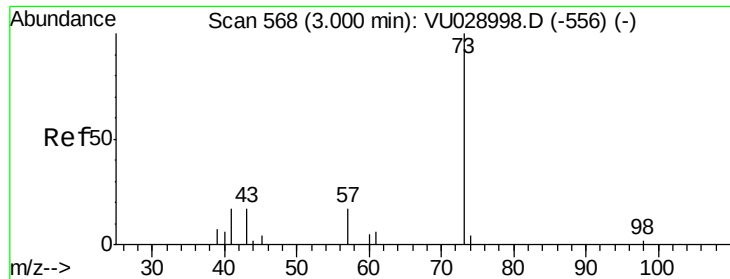
43 100

74 24.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VU029129.D (-355) (-)

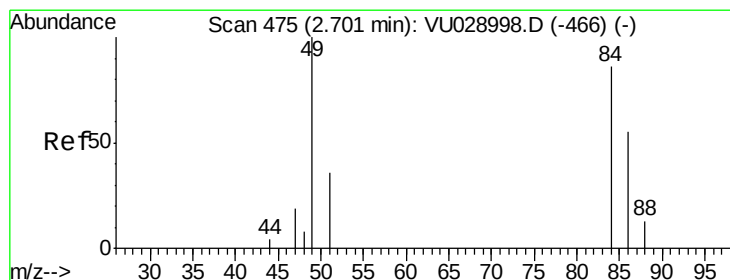
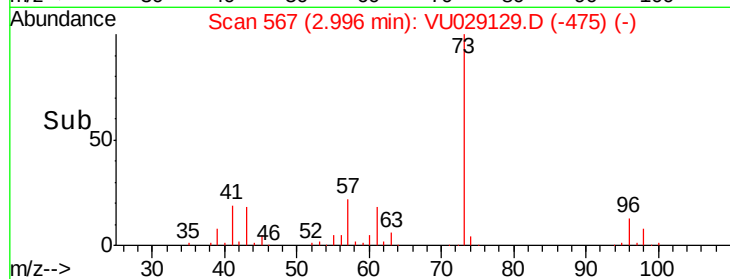
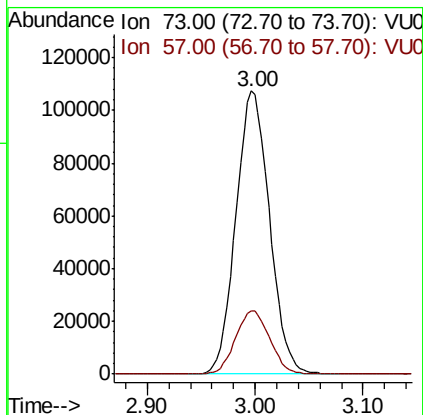
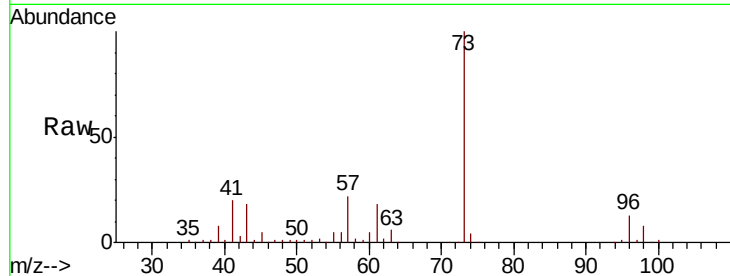




#19
Methyl tert-butyl Ether
Concen: 50.866 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

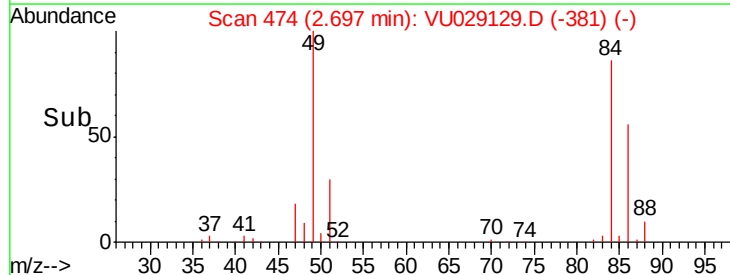
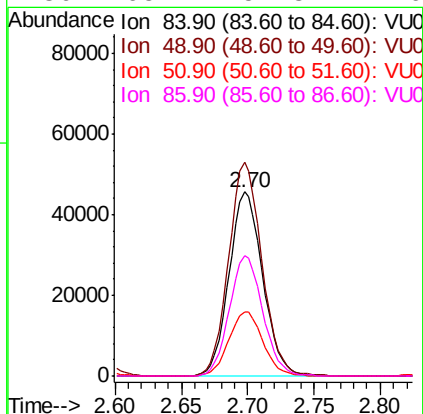
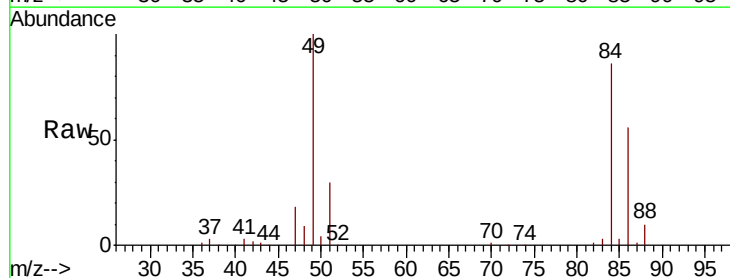
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

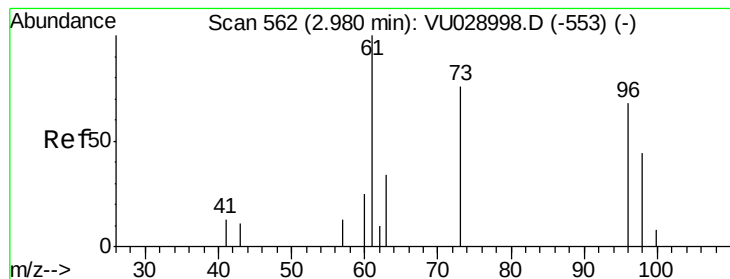
Tgt Ion: 73 Resp: 232159
Ion Ratio Lower Upper
73 100
57 22.5 18.6 28.0



#20
Methylene Chloride
Concen: 48.830 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Tgt Ion: 84 Resp: 80814
Ion Ratio Lower Upper
84 100
49 115.9 91.9 137.9
51 35.1 29.2 43.8
86 65.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 46.740 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

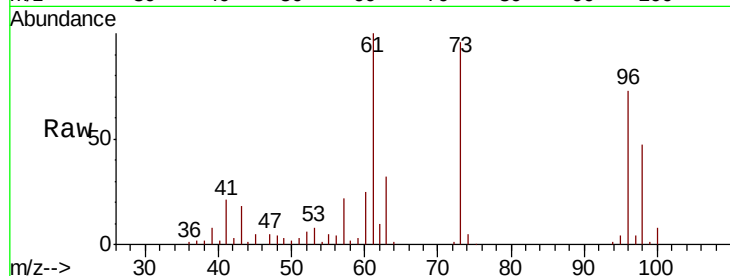
Tgt Ion: 96 Resp: 70496

Ion Ratio Lower Upper

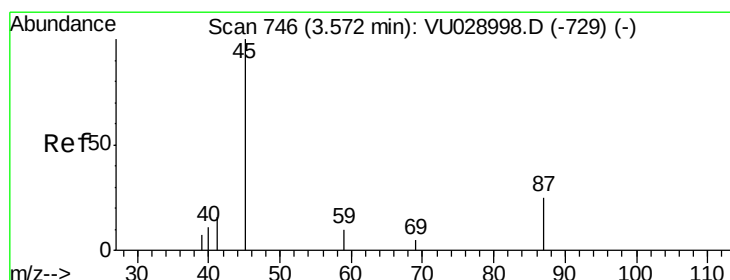
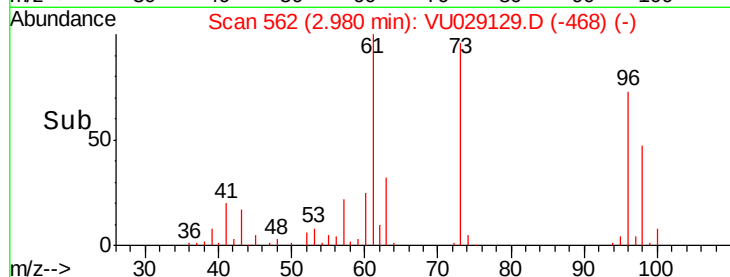
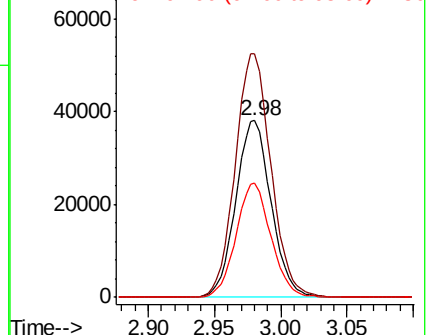
96 100

61 137.8 107.7 161.5

98 64.8 49.2 73.8



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



#22

Diisopropyl ether

Concen: 52.206 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Tgt Ion: 45 Resp: 245767

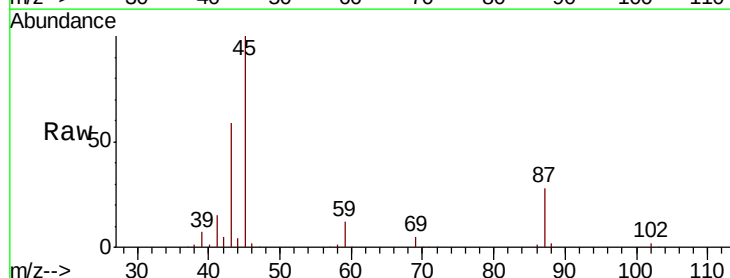
Ion Ratio Lower Upper

45 100

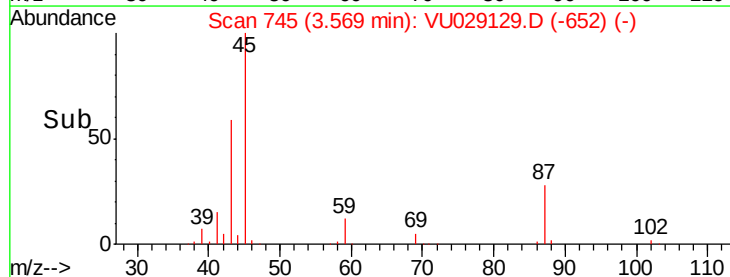
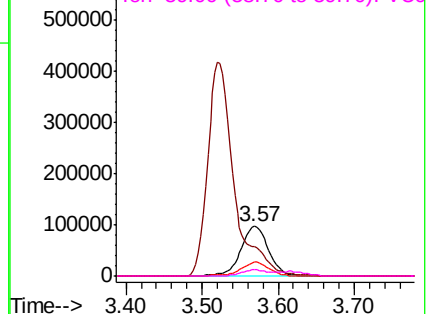
43 58.5 44.7 67.1

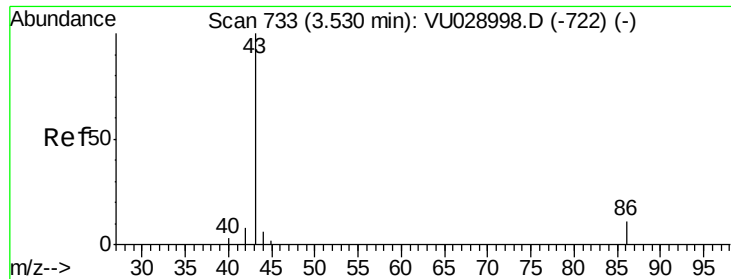
87 27.9 22.2 33.2

59 12.2 9.8 14.8



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: 261.630 ug/l

RT: 3.52 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

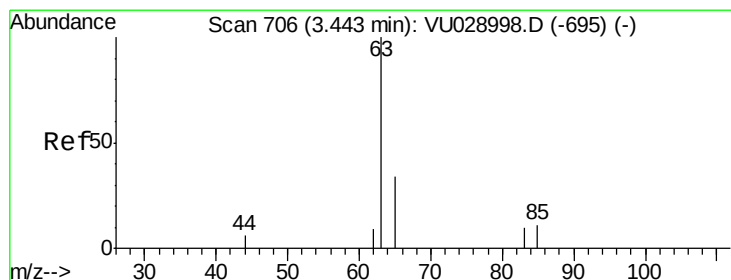
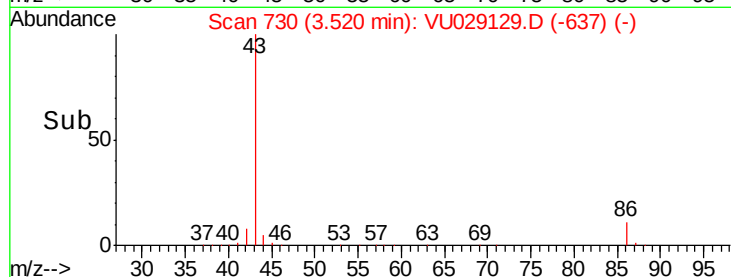
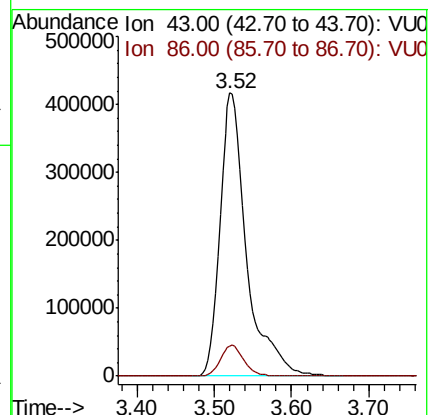
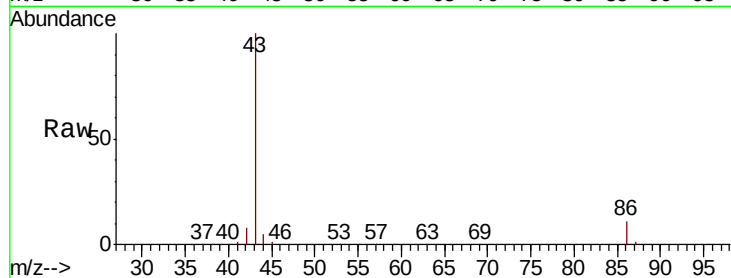
VSTDCCC050EC

Tgt Ion: 43 Resp: 1006889

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 51.606 ug/l

RT: 3.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

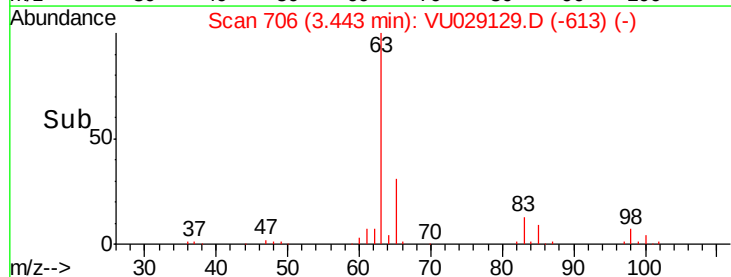
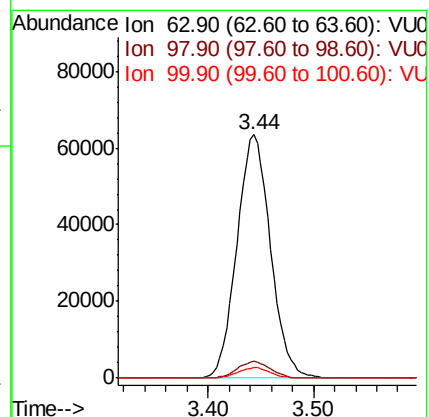
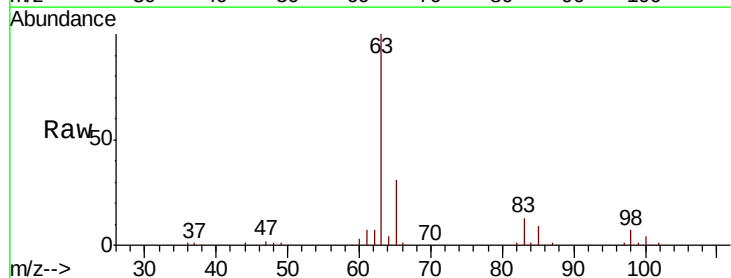
Tgt Ion: 63 Resp: 140245

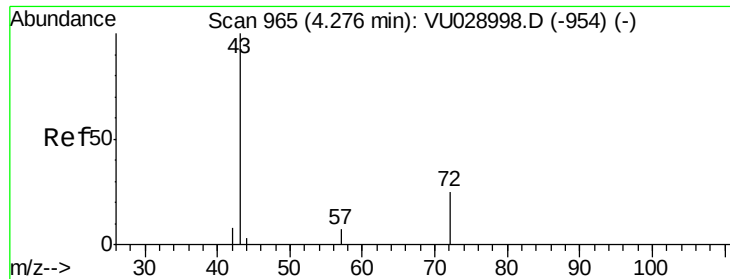
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 4.2 2.0 5.8





#25

2-Butanone

Concen: 256.565 ug/l

RT: 4.26 min Scan# 960

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

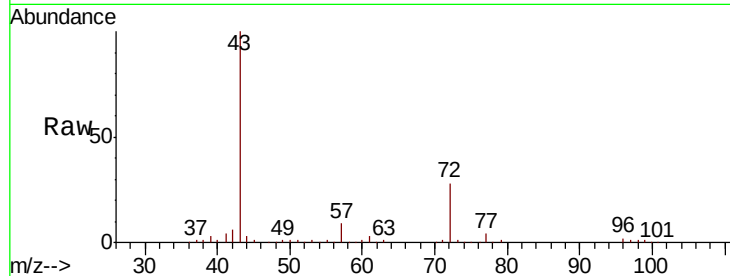
VSTDCCC050EC

Tgt Ion: 43 Resp: 337785

Ion Ratio Lower Upper

43 100

72 27.8 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

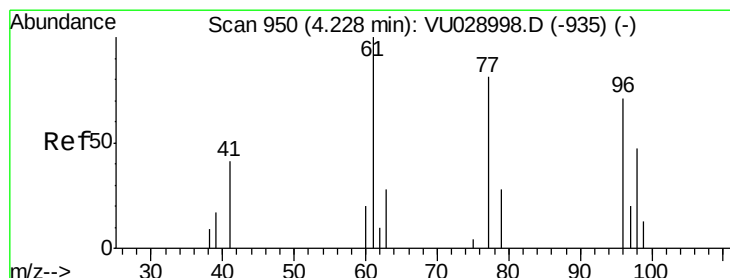
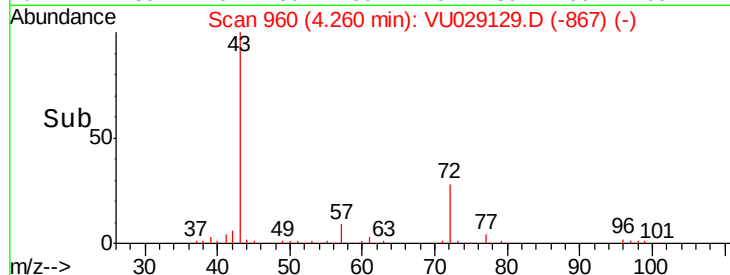
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 46.724 ug/l

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU029129.D

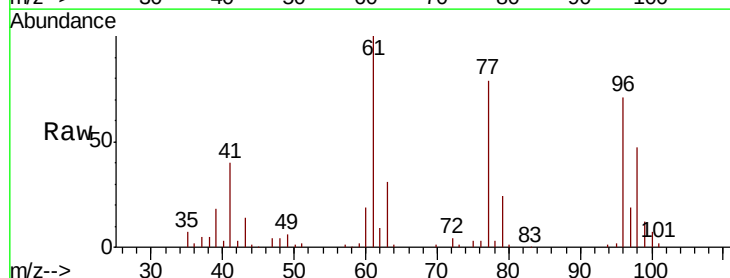
Acq: 10 Jan 2019 19:55

Tgt Ion: 77 Resp: 102600

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

40000

30000

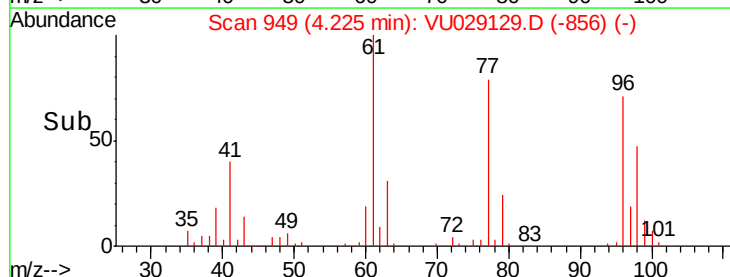
20000

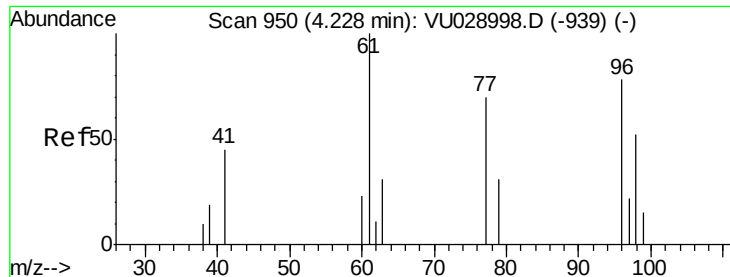
10000

0

4.10 4.20 4.30

Time-->



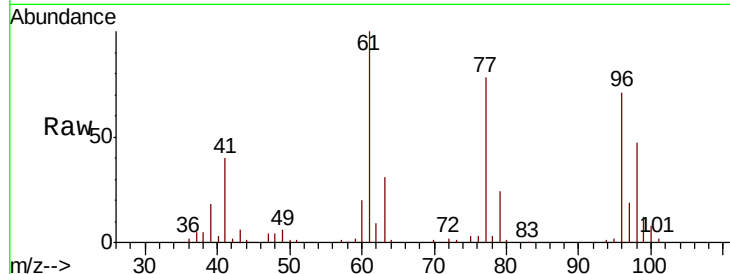


#27

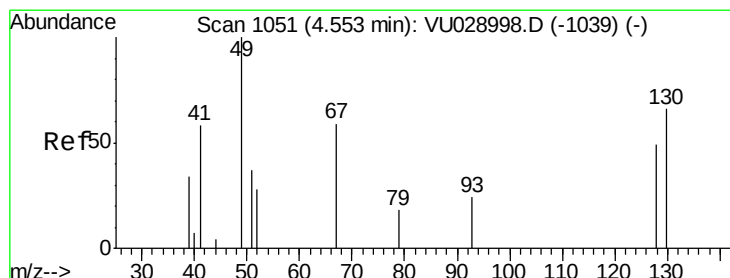
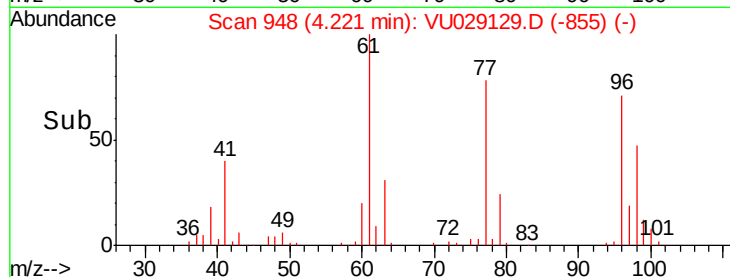
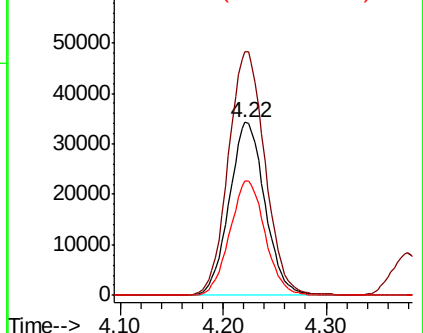
cis-1,2-Dichloroethene
 Concen: 49.943 ug/l
 RT: 4.22 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 82387
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 285.6
 98 65.8 0.0 130.2



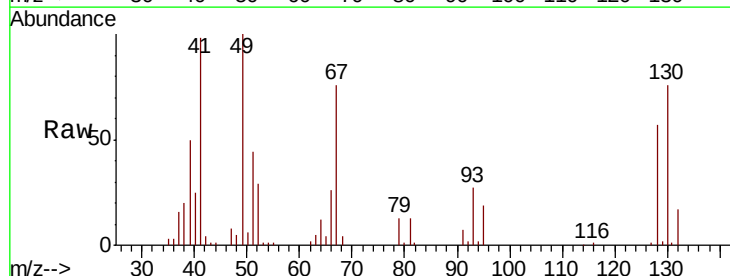
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



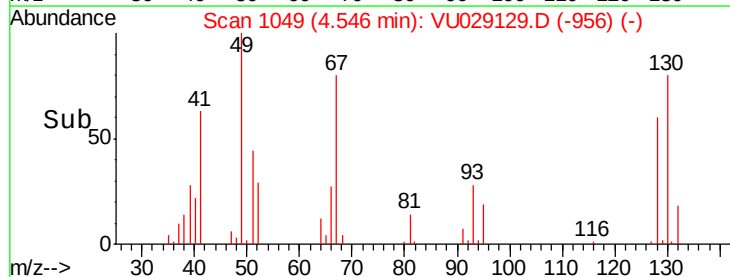
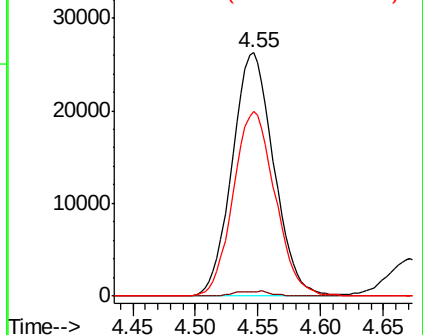
#28

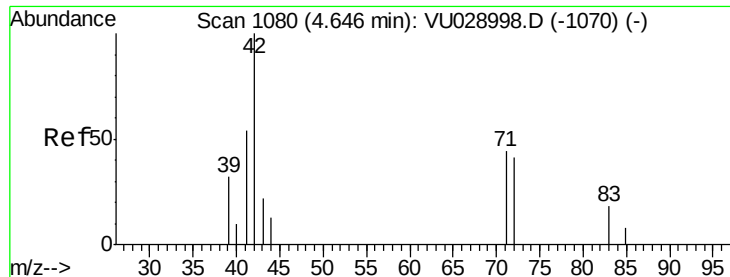
Bromochloromethane
 Concen: 52.132 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion: 49 Resp: 60664
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 76.3 62.9 94.3



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: 275.742 ug/l

RT: 4.63 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

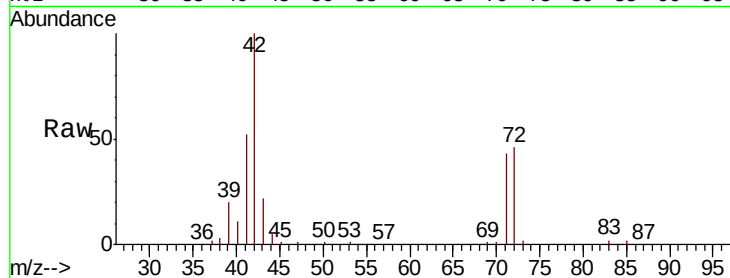
Tgt Ion: 42 Resp: 220185

Ion Ratio Lower Upper

42 100

72 47.1 38.3 57.5

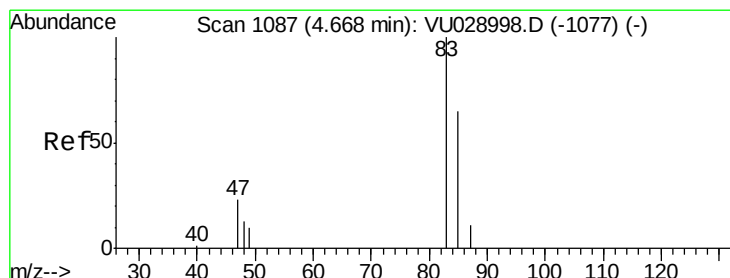
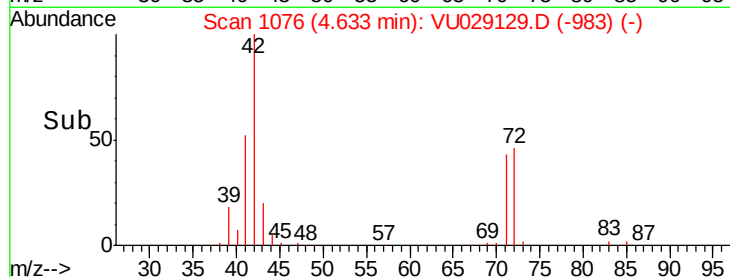
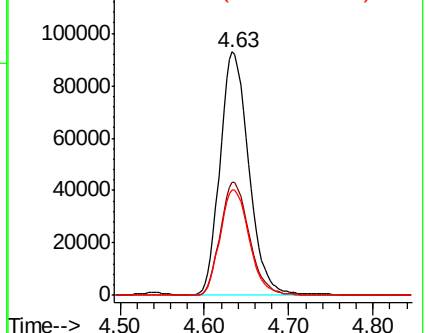
71 43.9 36.1 54.1



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 51.042 ug/l

RT: 4.67 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VU029129.D

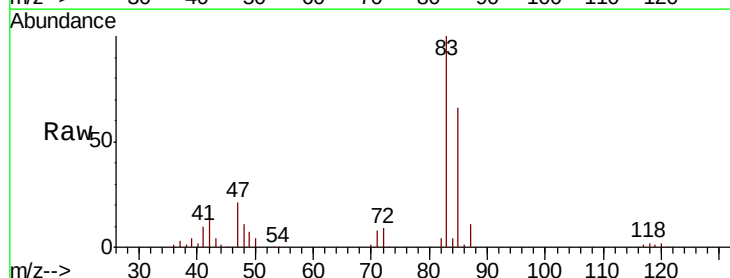
Acq: 10 Jan 2019 19:55

Tgt Ion: 83 Resp: 132120

Ion Ratio Lower Upper

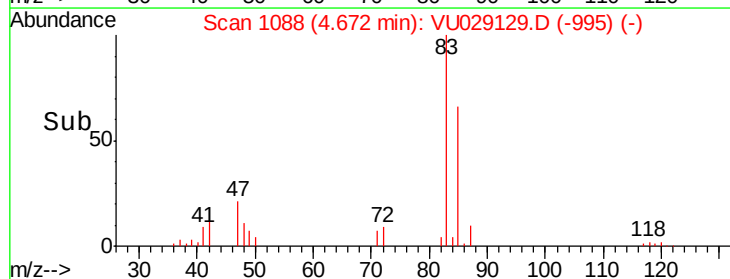
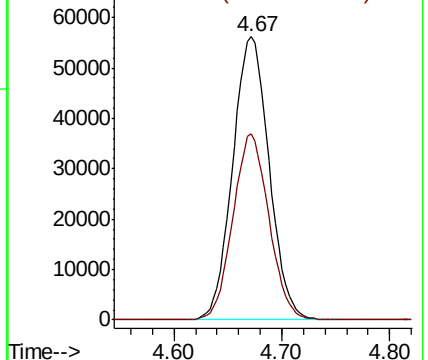
83 100

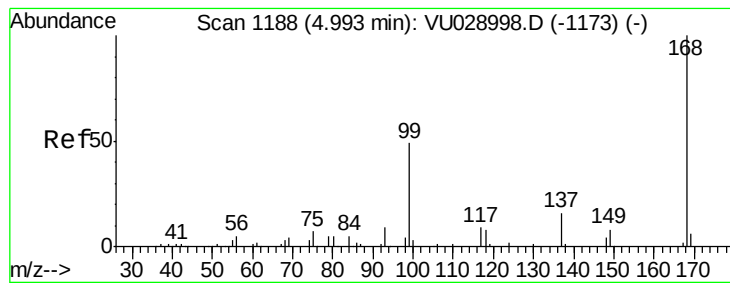
85 65.8 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 48.893 ug/l

RT: 4.99 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

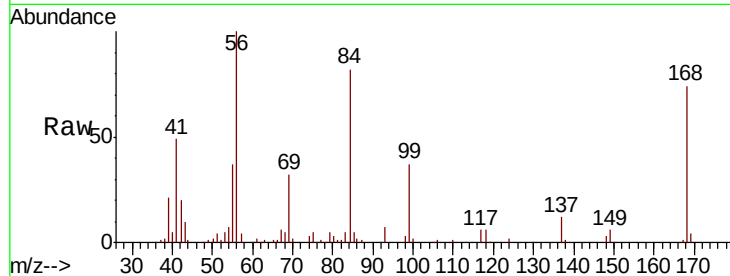
Tgt Ion: 56 Resp: 125493

Ion Ratio Lower Upper

56 100

69 31.7 26.7 40.1

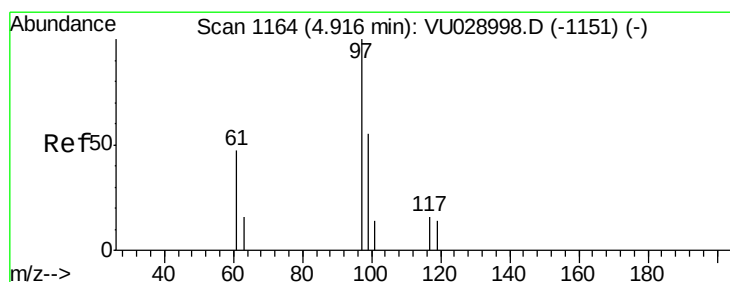
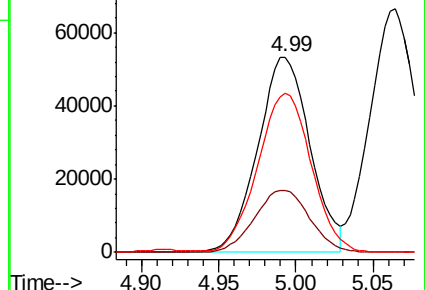
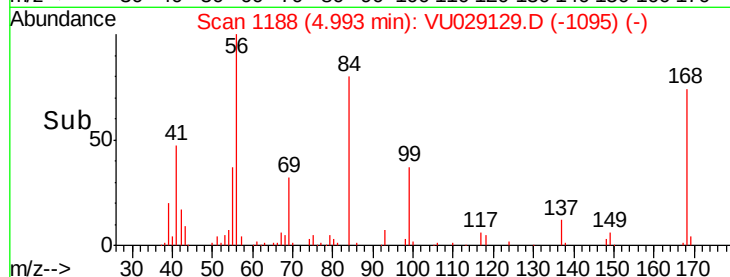
84 80.9 65.7 98.5



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: 49.971 ug/l

RT: 4.91 min Scan# 1163

Delta R.T. -0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

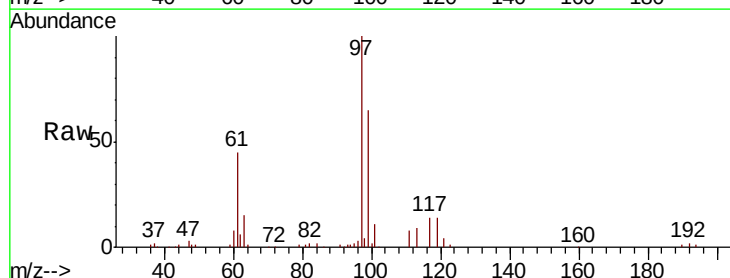
Tgt Ion: 97 Resp: 106877

Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

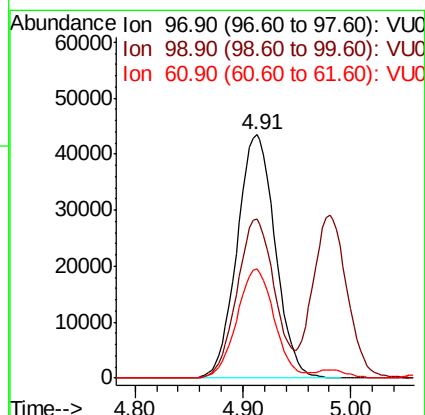
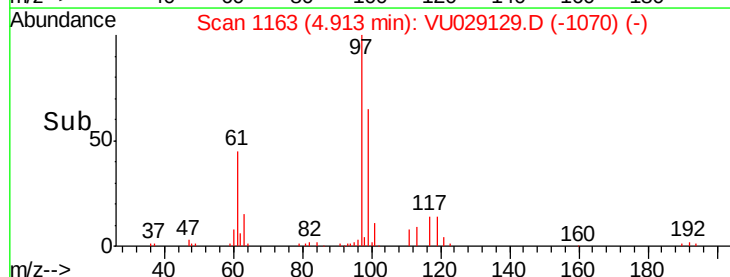
61 43.9 34.4 51.6

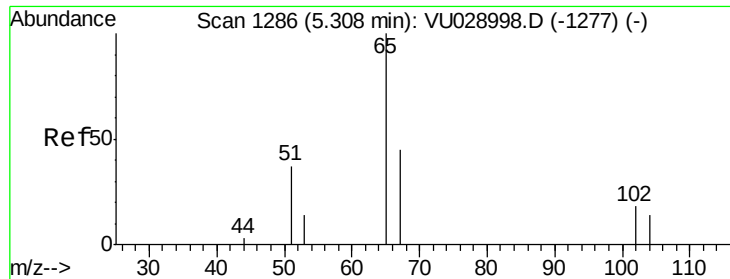


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

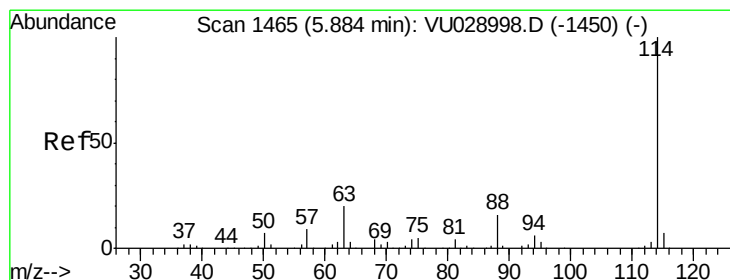
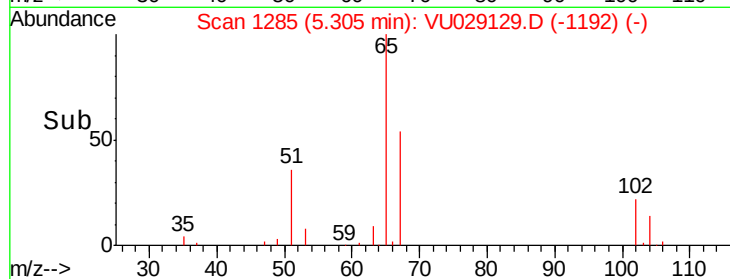
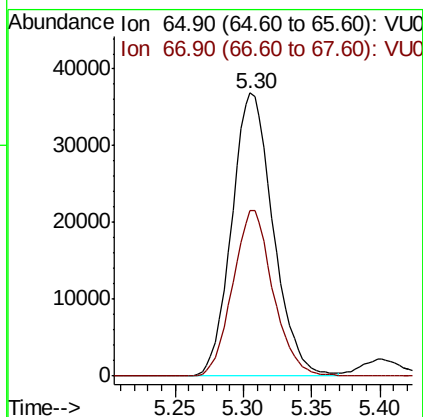
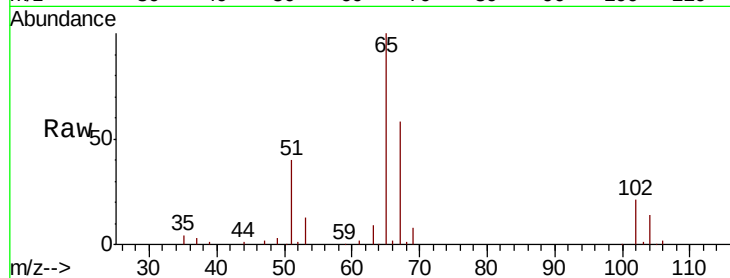




#33
 1,2-Dichloroethane-d4
 Concen: 50.207 ug/l
 RT: 5.30 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

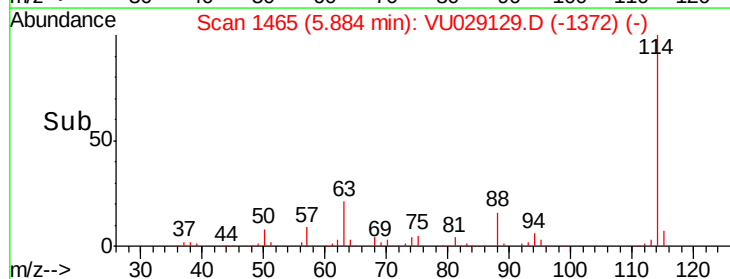
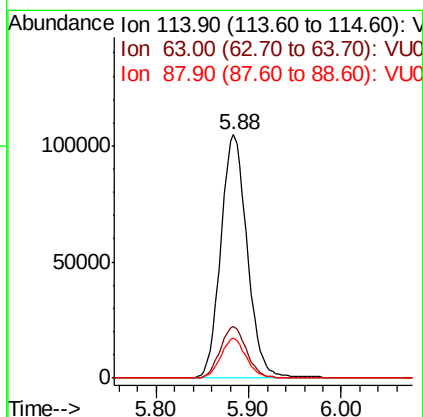
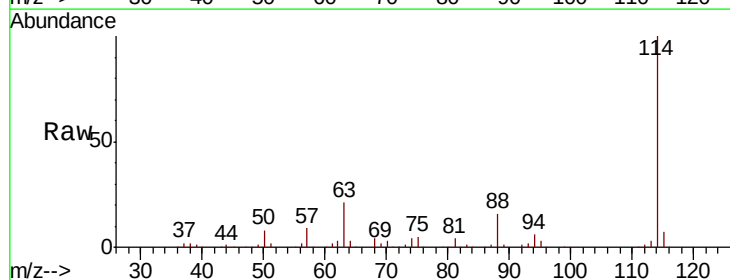
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

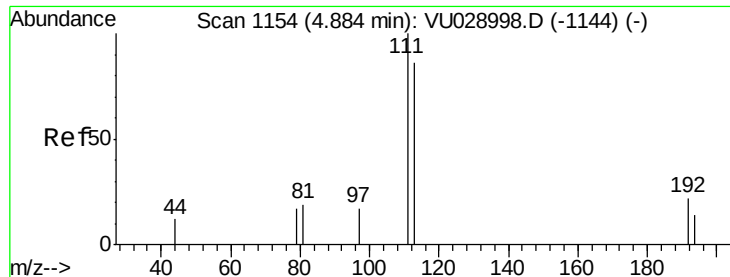
Tgt Ion: 65 Resp: 77688
 Ion Ratio Lower Upper
 65 100
 67 56.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion: 114 Resp: 207685
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.2
 88 16.3 0.0 30.4

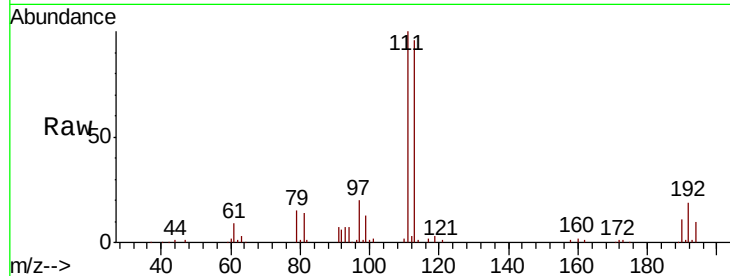




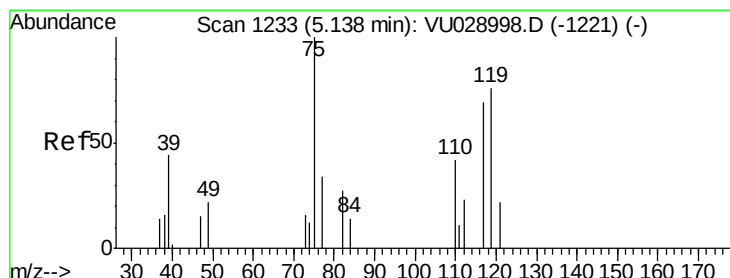
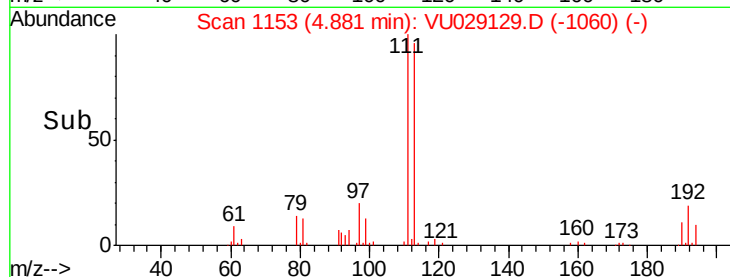
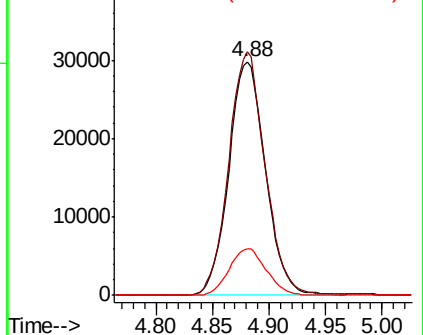
#35
 Dibromofluoromethane
 Concen: 49.978 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 67284
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.2
 192 20.3 16.8 25.2

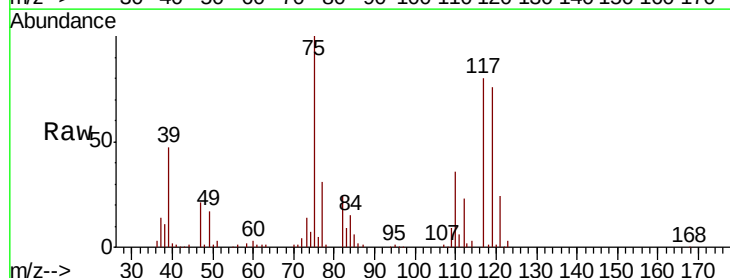


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

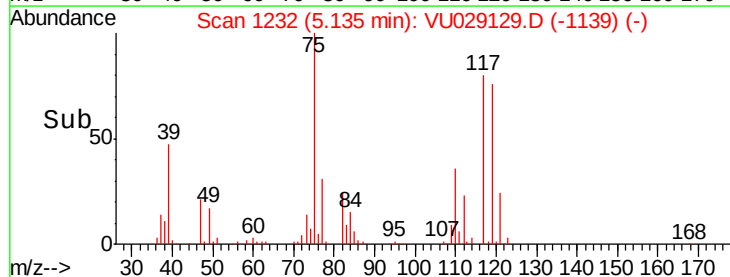
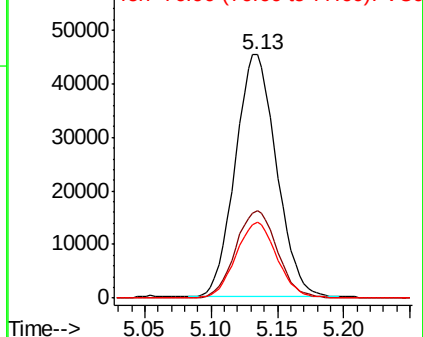


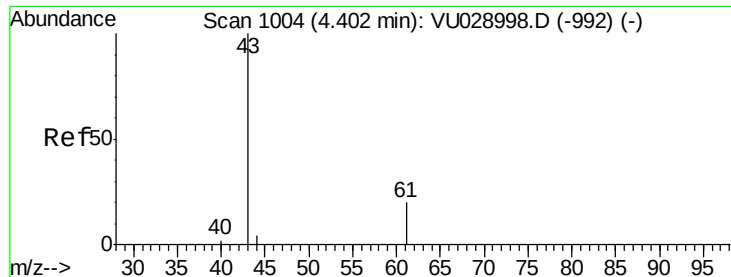
#36
 1,1-Dichloropropene
 Concen: 46.946 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion: 75 Resp: 97455
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.4 55.4
 77 31.5 25.1 37.7



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

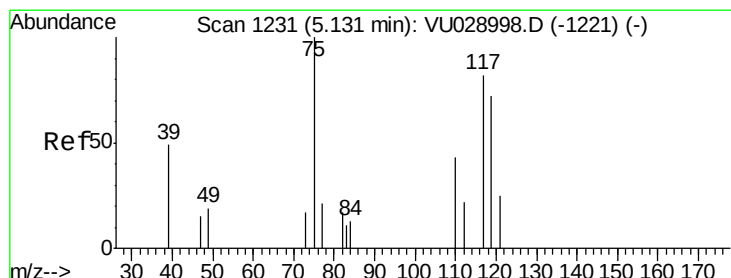
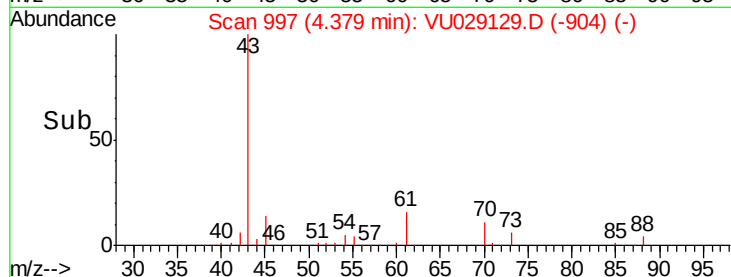
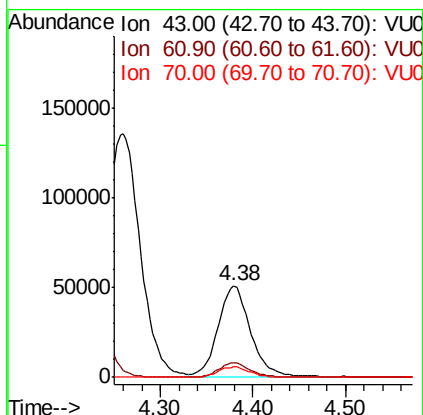
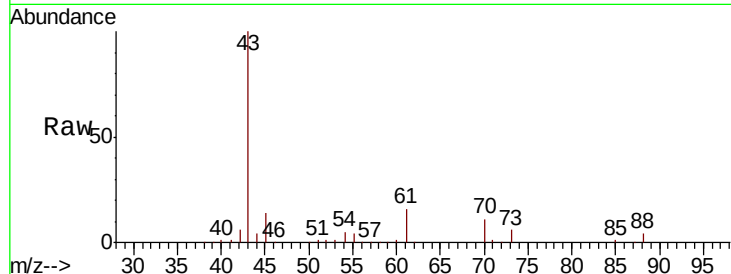




#37
Ethyl Acetate
Concen: 53.675 ug/l
RT: 4.38 min Scan# 997
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

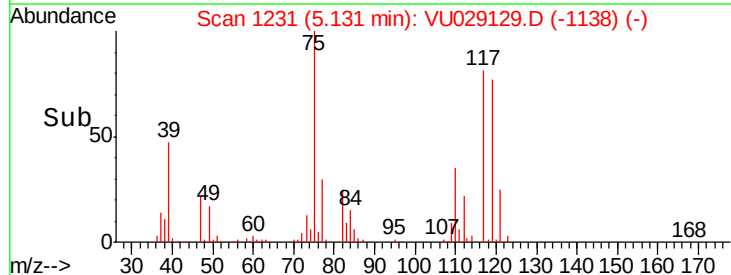
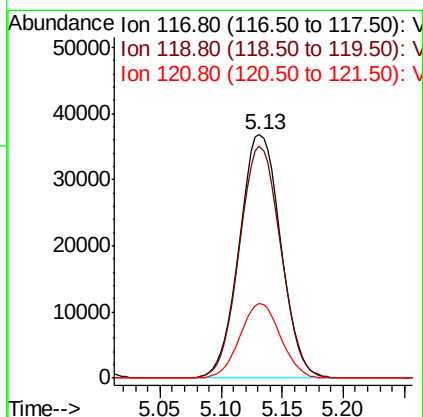
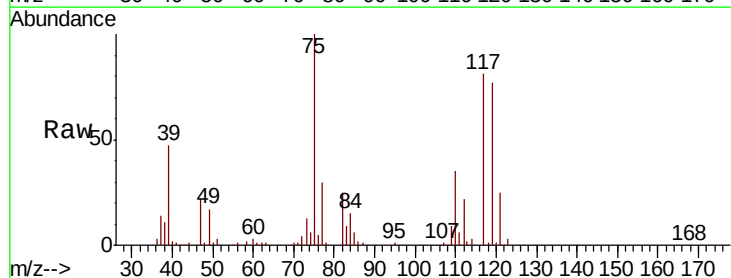
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

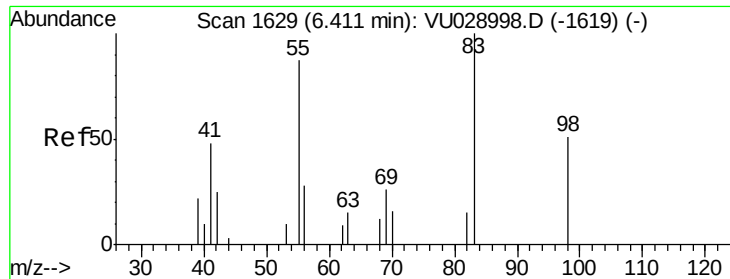
Tgt Ion: 43 Resp: 122305
Ion Ratio Lower Upper
43 100
61 15.8 12.6 18.8
70 11.4 9.3 13.9



#38
Carbon Tetrachloride
Concen: 49.978 ug/l
RT: 5.13 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Tgt Ion: 117 Resp: 86532
Ion Ratio Lower Upper
117 100
119 95.2 74.6 111.8
121 30.4 25.0 37.6

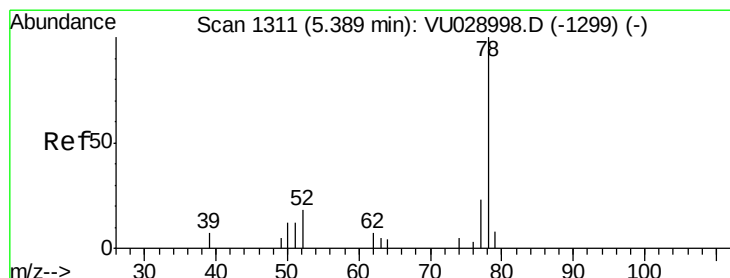
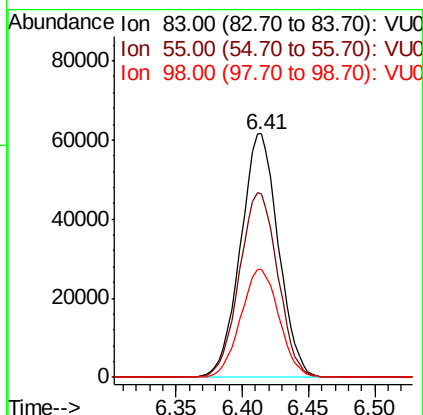
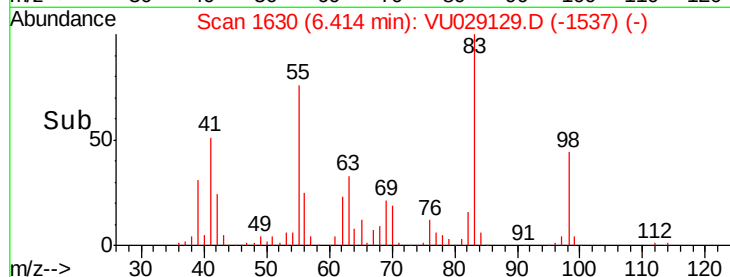
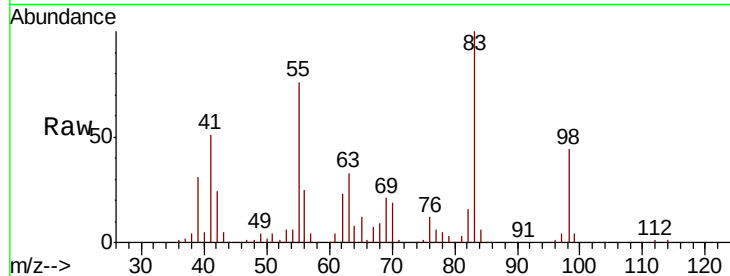




#39
Methylcyclohexane
Concen: 47.845 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

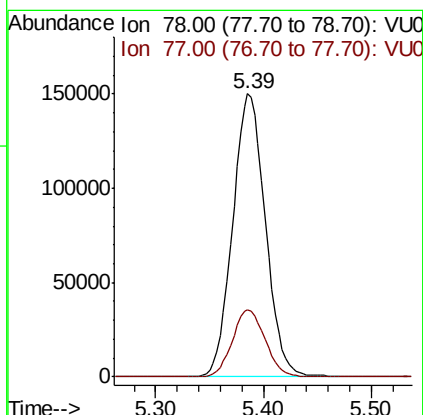
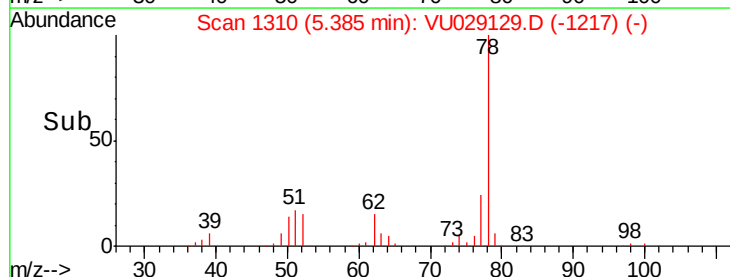
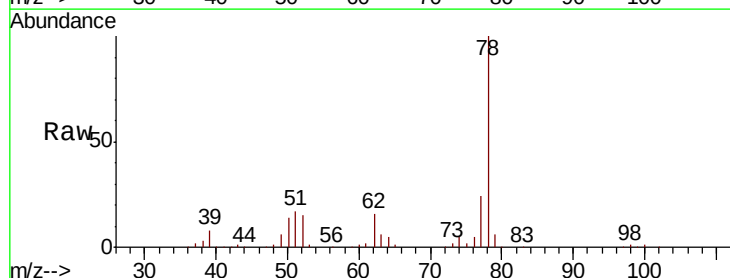
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

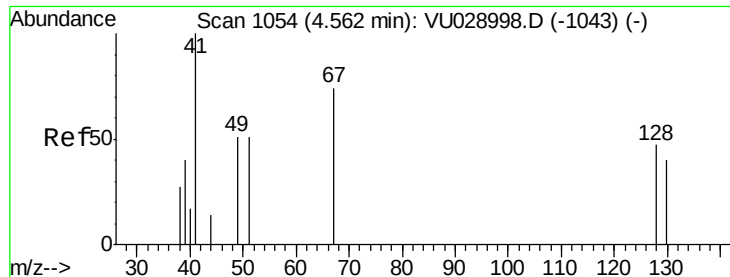
Tgt Ion: 83 Resp: 122102
Ion Ratio Lower Upper
83 100
55 75.5 62.4 93.6
98 44.2 36.2 54.2



#40
Benzene
Concen: 48.886 ug/l
RT: 5.39 min Scan# 1310
Delta R.T. -0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Tgt Ion: 78 Resp: 316552
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

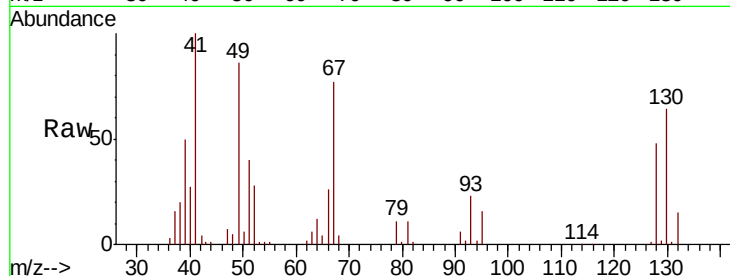




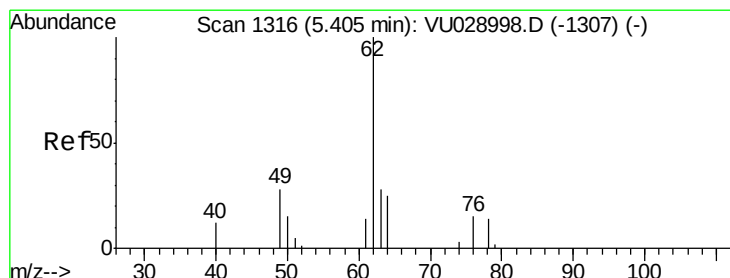
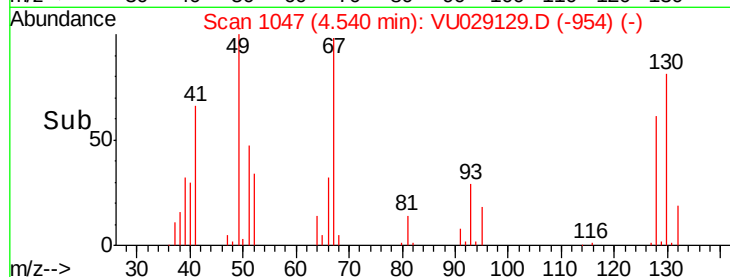
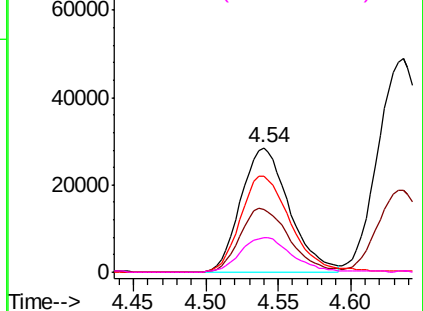
#41
Methacrylonitrile
Concen: 54.287 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	66215
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.3	63.5
67	80.6	64.4	96.6
52	30.0	23.9	35.9

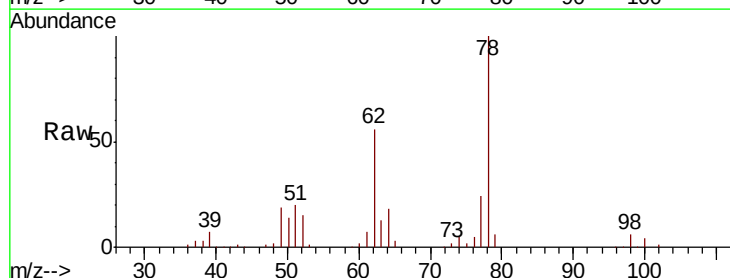


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

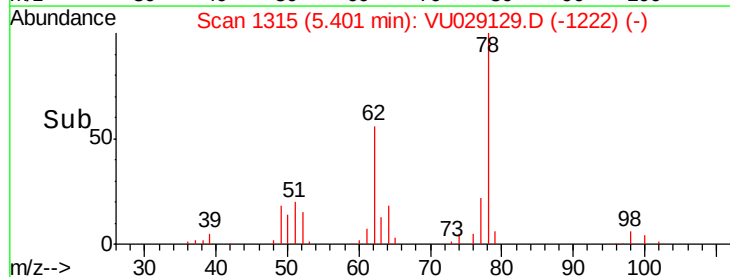
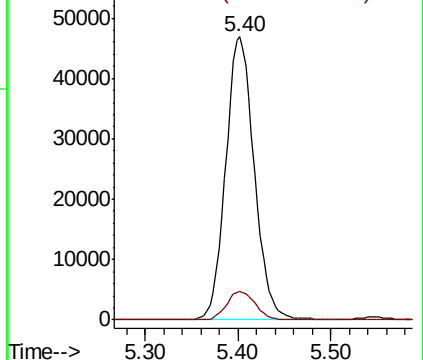


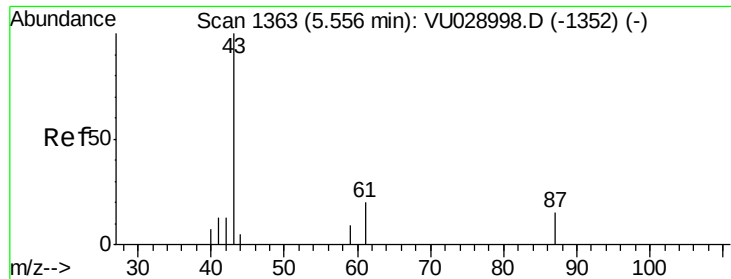
#42
1,2-Dichloroethane
Concen: 51.385 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Tgt Ion:	62	Resp:	99983
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.6



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





#43

Isopropyl Acetate

Concen: 53.482 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

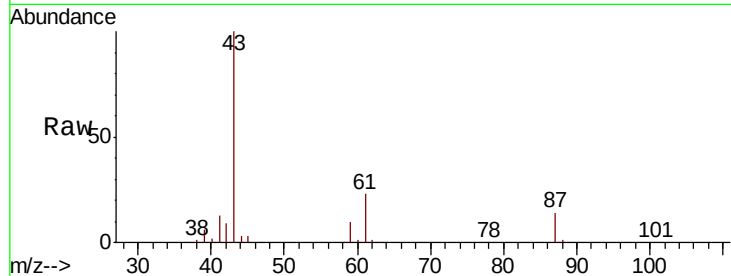
Tgt Ion: 43 Resp: 186941

Ion Ratio Lower Upper

43 100

61 22.6 17.8 26.6

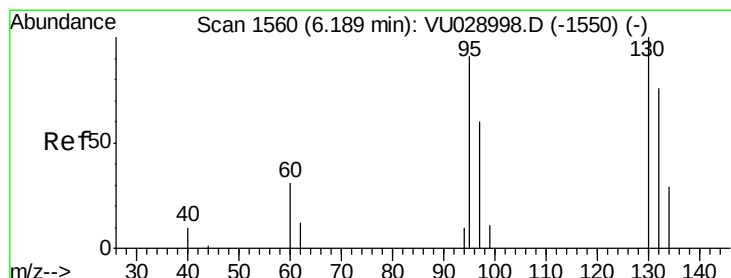
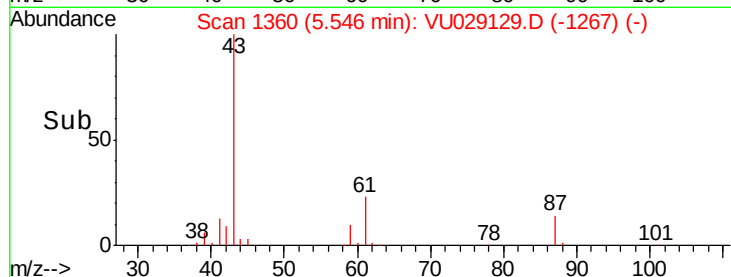
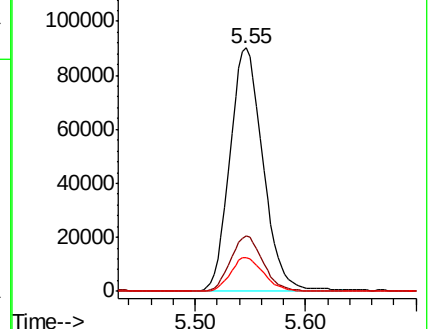
87 13.8 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-1352) (-)

Ion 61.00 (60.70 to 61.70): VU028998.D (-1352) (-)

Ion 87.00 (86.70 to 87.70): VU028998.D (-1352) (-)



#44

Trichloroethene

Concen: 47.453 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU029129.D

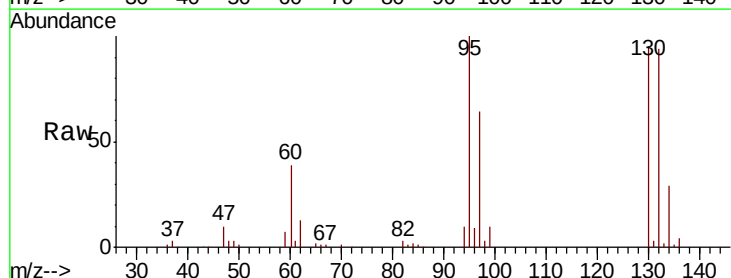
Acq: 10 Jan 2019 19:55

Tgt Ion: 130 Resp: 76134

Ion Ratio Lower Upper

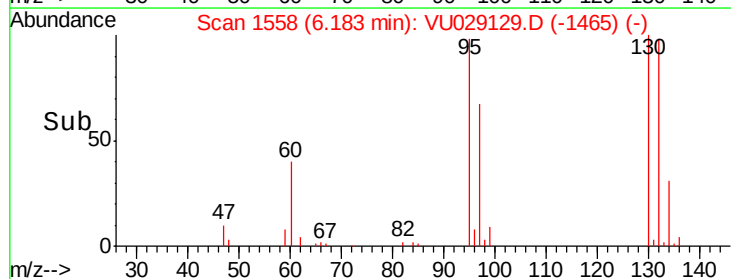
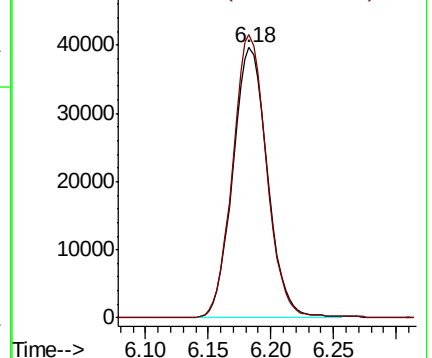
130 100

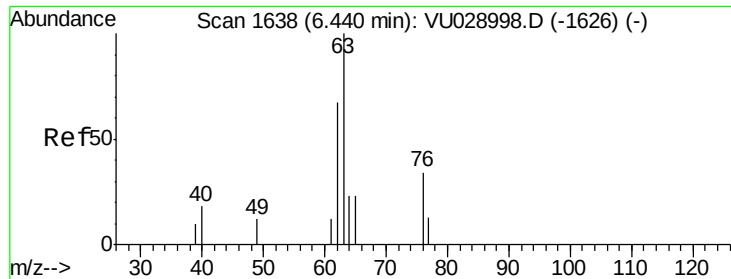
95 104.8 0.0 205.0



Abundance Ion 129.80 (129.50 to 130.50): VU028998.D (-1550) (-)

Ion 94.90 (94.60 to 95.60): VU028998.D (-1550) (-)





#45

1,2-Dichloropropane

Concen: 50.692 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

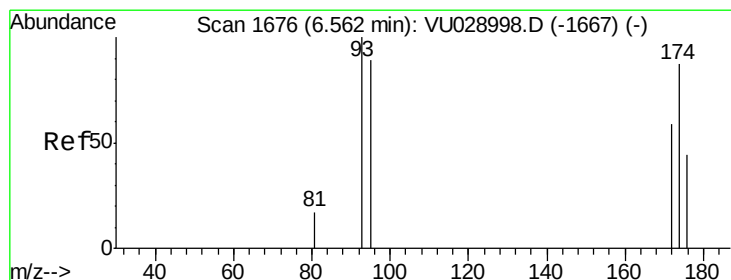
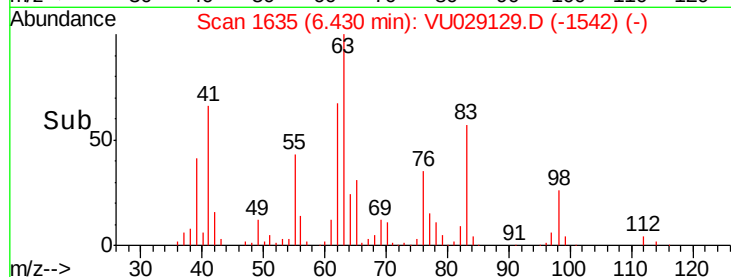
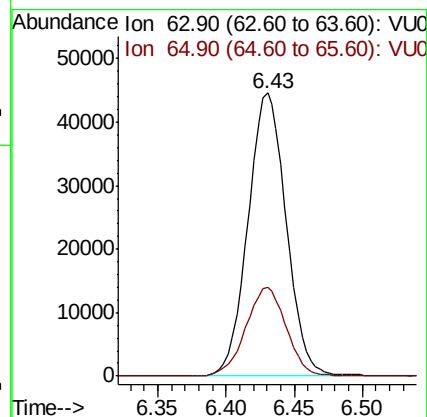
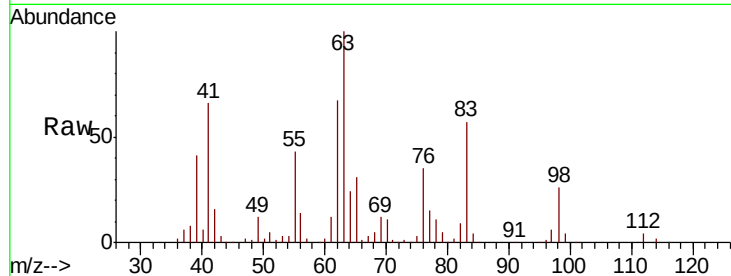
VSTDCCC050EC

Tgt Ion: 63 Resp: 86683

Ion Ratio Lower Upper

63 100

65 31.5 25.1 37.7



#46

Dibromomethane

Concen: 49.631 ug/l

RT: 6.56 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

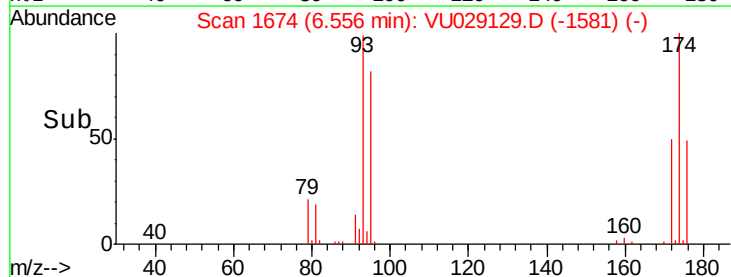
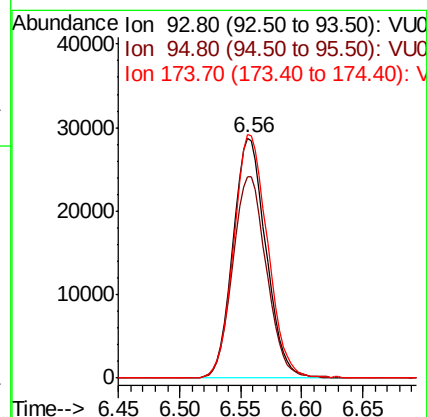
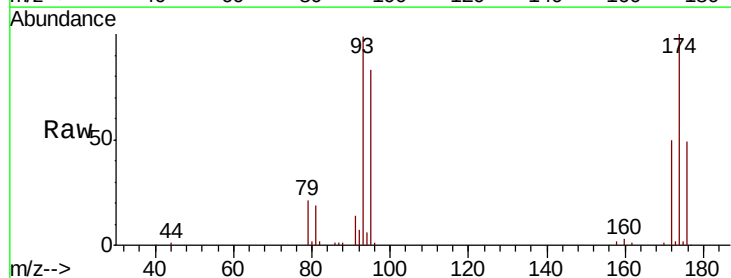
Tgt Ion: 93 Resp: 54253

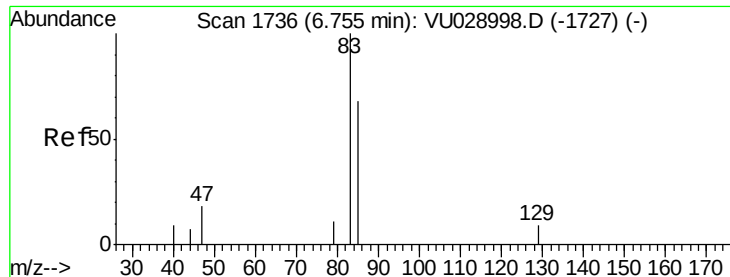
Ion Ratio Lower Upper

93 100

95 85.9 67.2 100.8

174 103.9 82.6 123.8

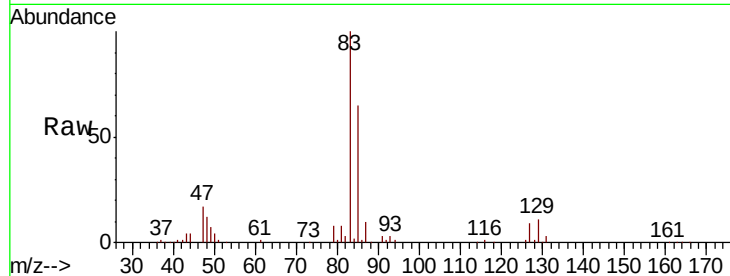




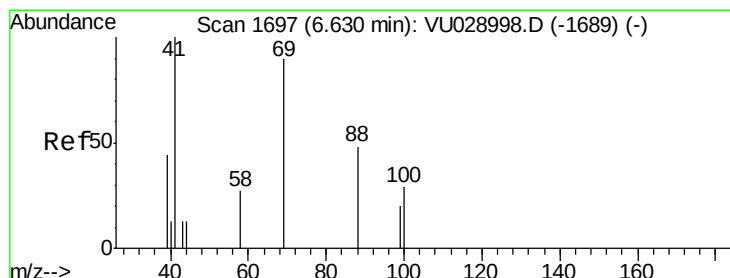
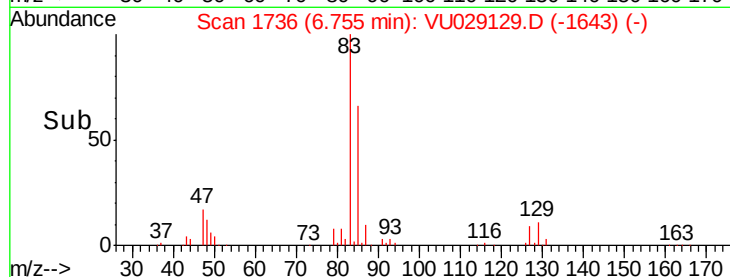
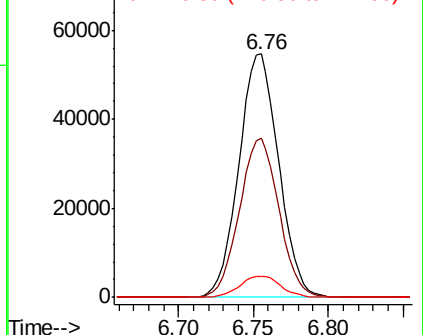
#47
Bromodichloromethane
Concen: 50.332 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 101300
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.2
127 8.7 7.0 10.4

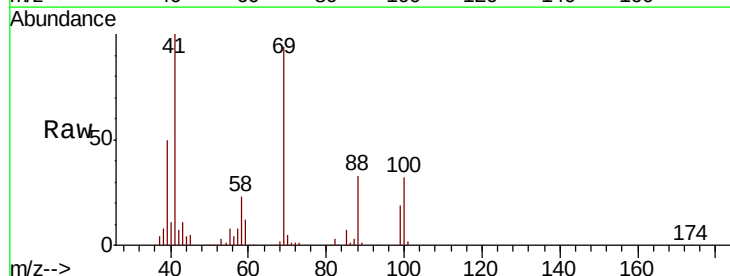


Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V

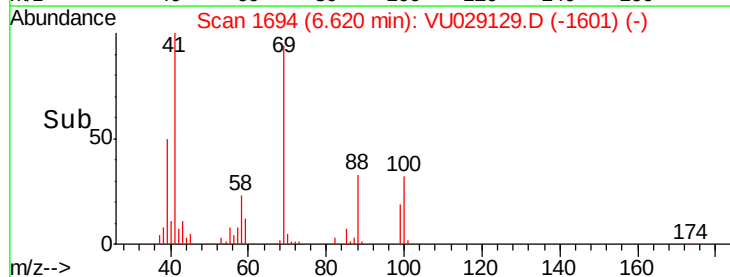
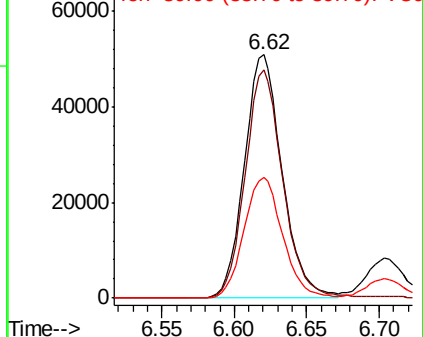


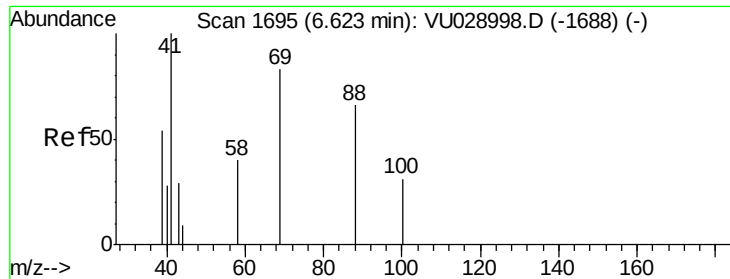
#48
Methyl methacrylate
Concen: 54.281 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Tgt Ion: 41 Resp: 92388
Ion Ratio Lower Upper
41 100
69 93.2 73.6 110.4
39 50.8 39.6 59.4



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

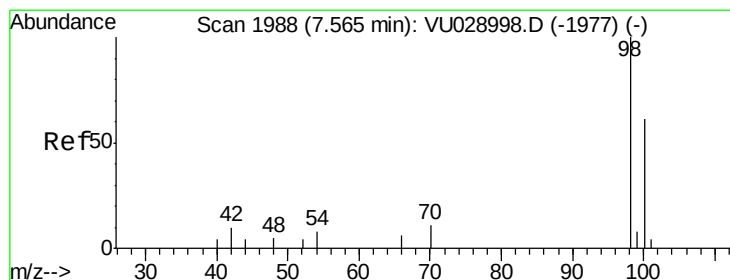
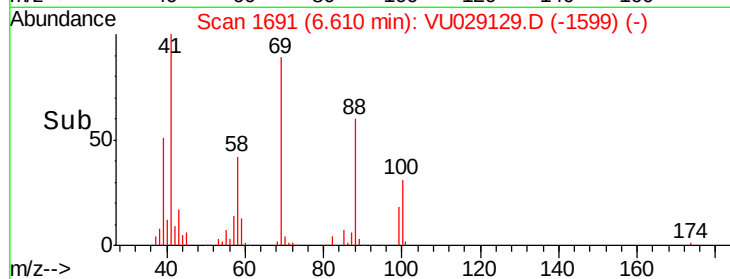
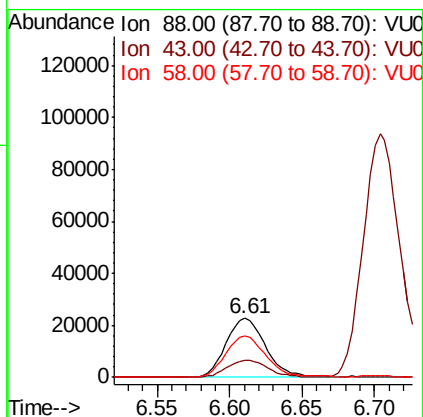
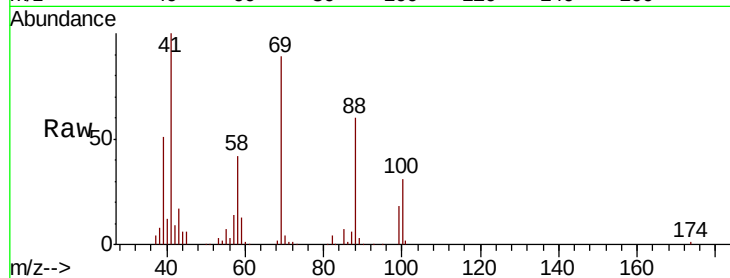




#49
1,4-Dioxane
Concen: 1056.030 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

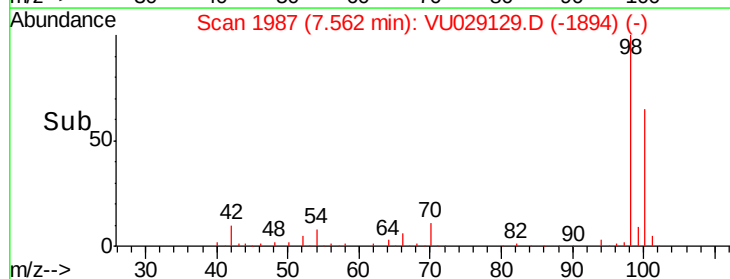
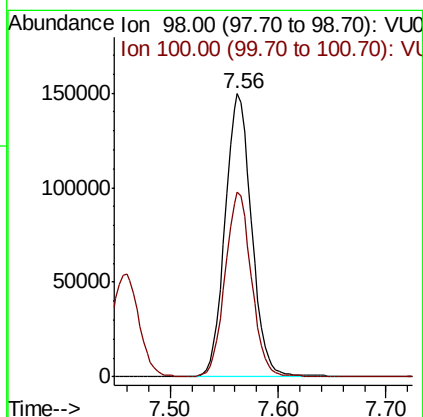
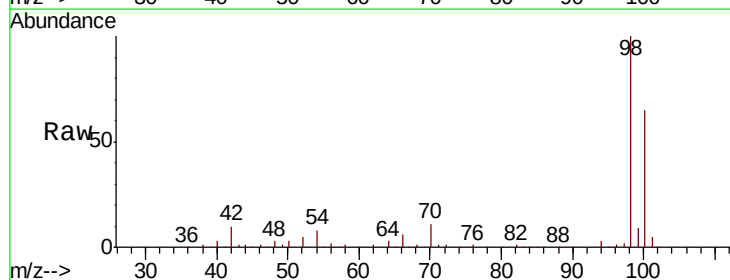
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

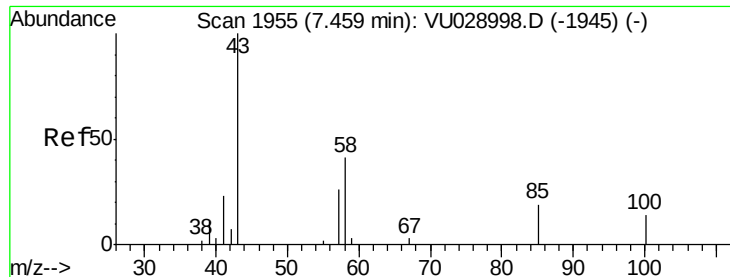
Tgt Ion: 88 Resp: 42595
Ion Ratio Lower Upper
88 100
43 30.3 23.0 34.4
58 72.9 57.9 86.9



#50
Toluene-d8
Concen: 48.302 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Tgt Ion: 98 Resp: 256721
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 267.675 ug/l

RT: 7.46 min Scan# 1954

Delta R.T. -0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

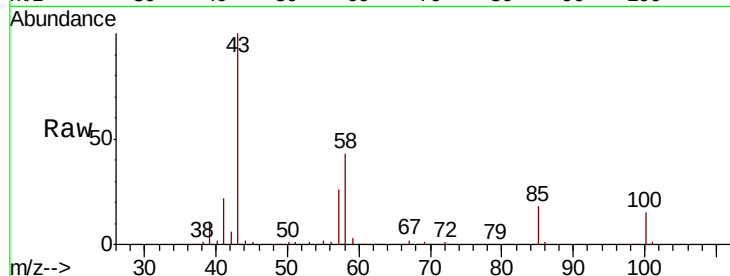
VSTDCCC050EC

Tgt Ion: 43 Resp: 636756

Ion Ratio Lower Upper

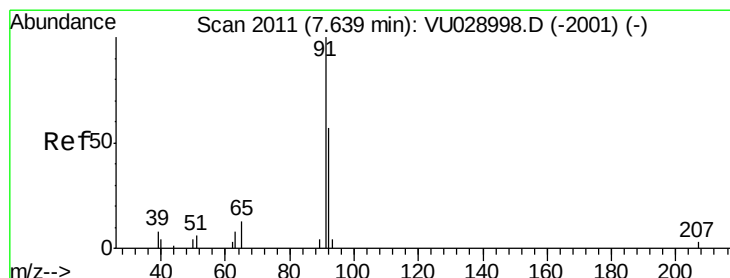
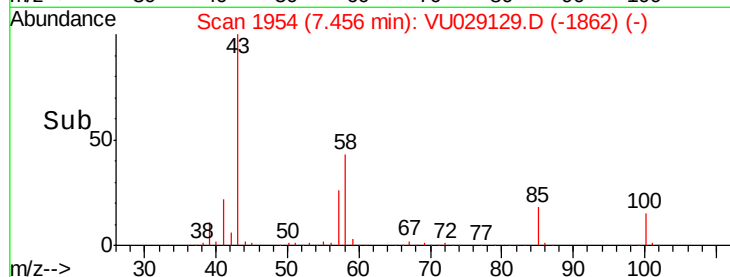
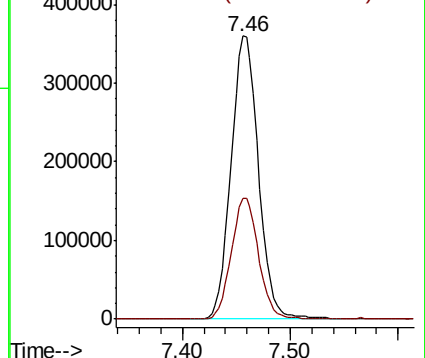
43 100

58 42.7 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 49.250 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VU029129.D

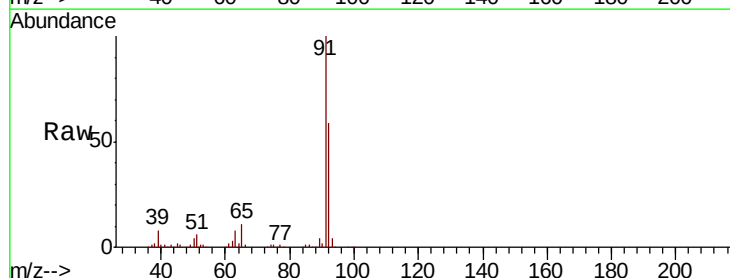
Acq: 10 Jan 2019 19:55

Tgt Ion: 92 Resp: 194144

Ion Ratio Lower Upper

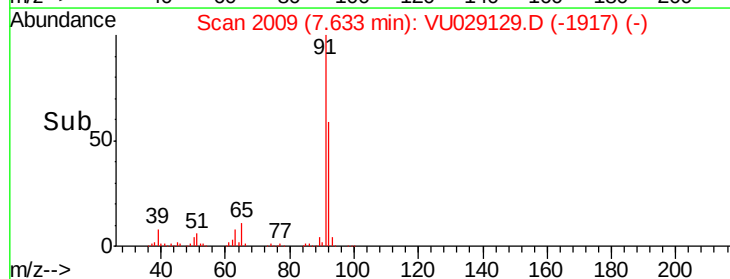
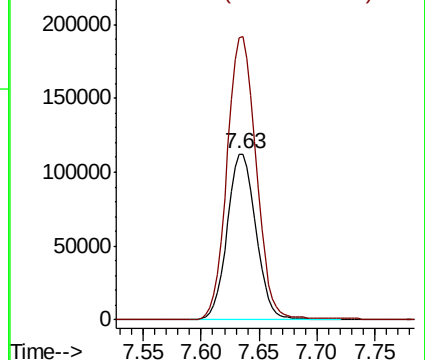
92 100

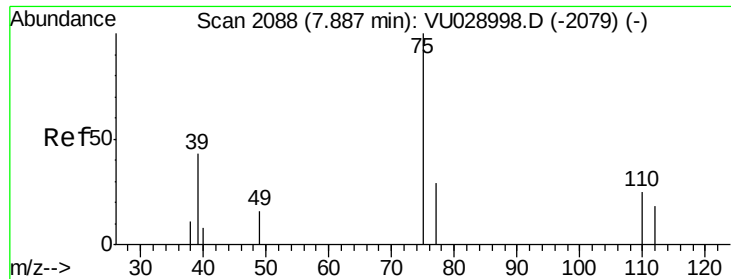
91 173.7 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





#53

t-1,3-Dichloropropene

Concen: 48.858 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

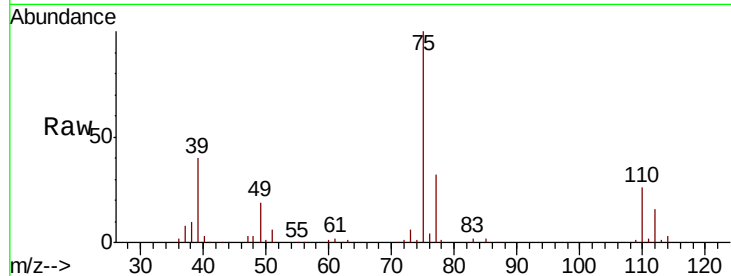
VSTDCCC050EC

Tgt Ion: 75 Resp: 118126

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

80000

60000

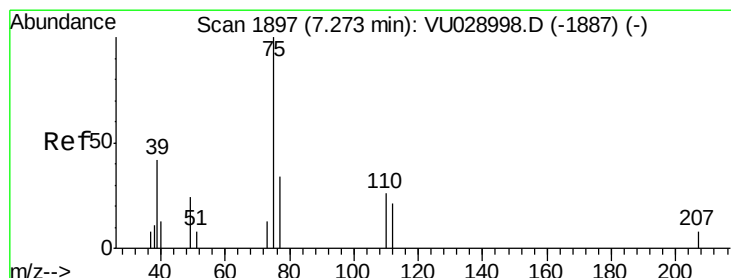
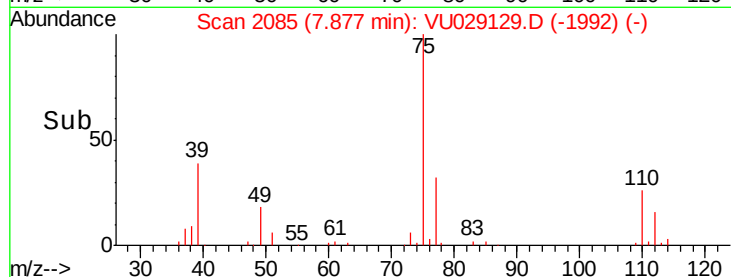
40000

20000

0

7.80 7.90 8.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.849 ug/l

RT: 7.27 min Scan# 1895

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

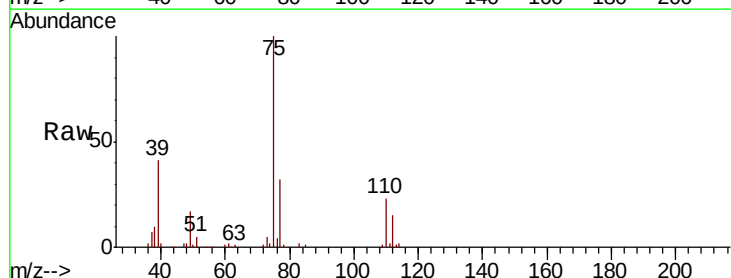
Tgt Ion: 75 Resp: 130230

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

39 41.0 32.2 48.4



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

100000

80000

60000

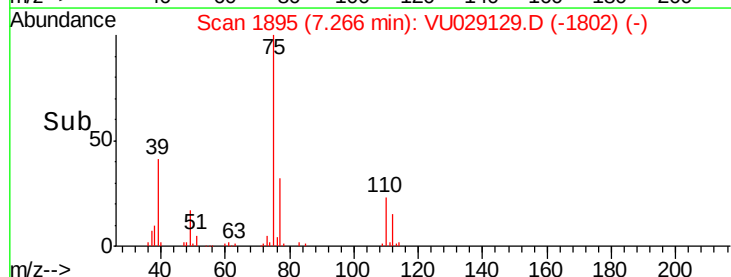
40000

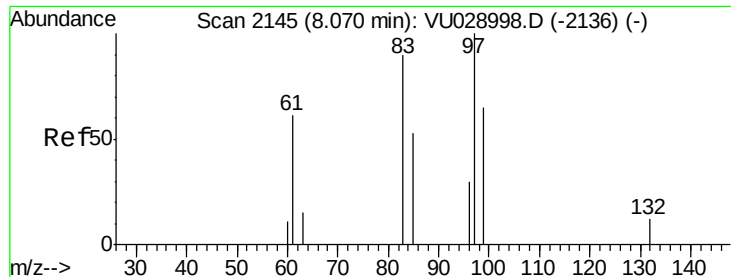
20000

0

7.20 7.25 7.30 7.35

Time-->

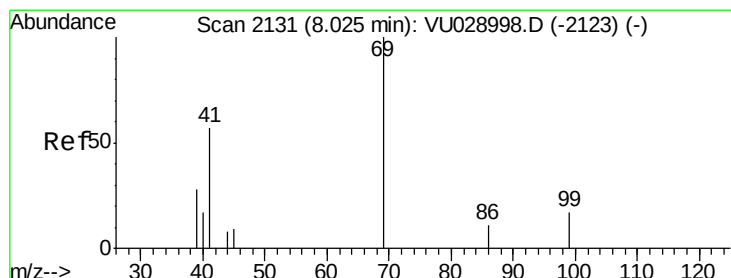
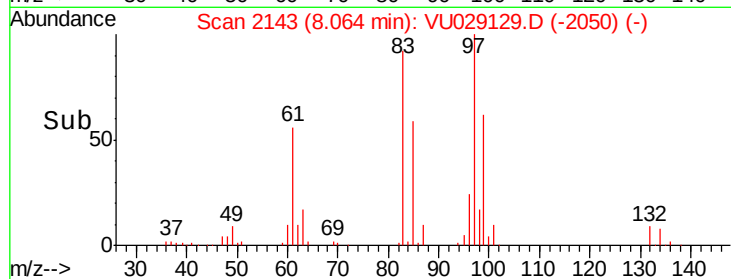
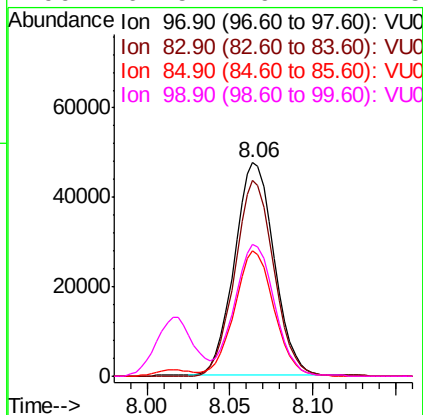
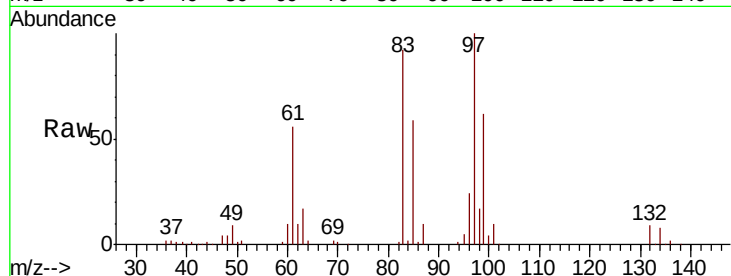




#55
 1,1,2-Trichloroethane
 Concen: 50.173 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

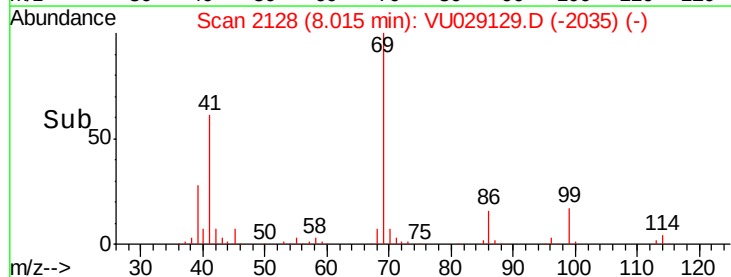
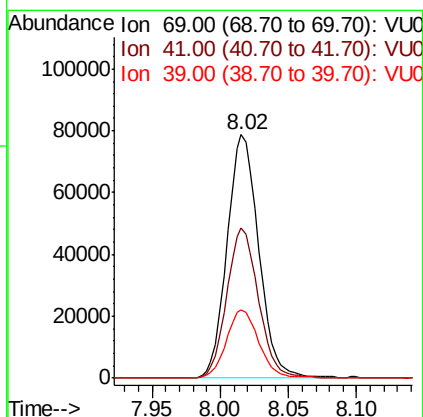
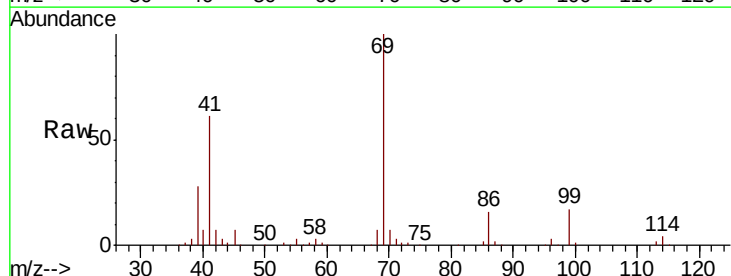
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

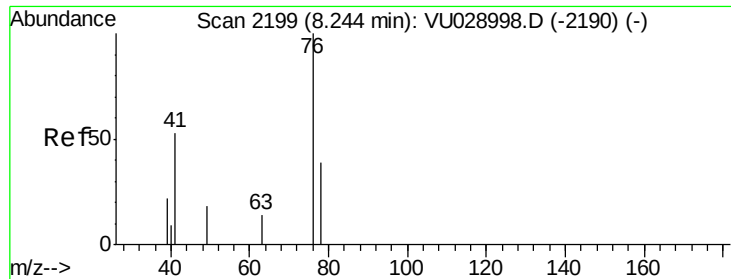
Tgt Ion:	97	Resp:	79235
Ion	Ratio	Lower	Upper
97	100		
83	92.2	69.8	104.8
85	58.8	47.3	70.9
99	61.5	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 52.192 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion:	69	Resp:	126982
Ion	Ratio	Lower	Upper
69	100		
41	61.9	47.5	71.3
39	29.2	22.5	33.7

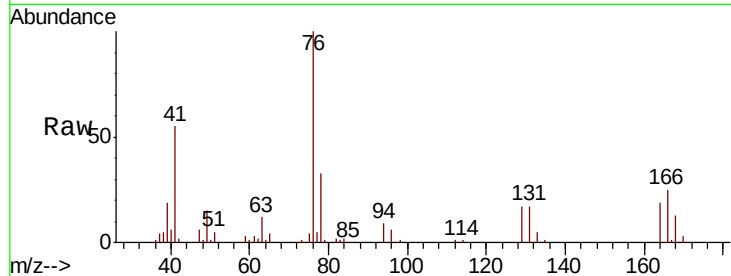




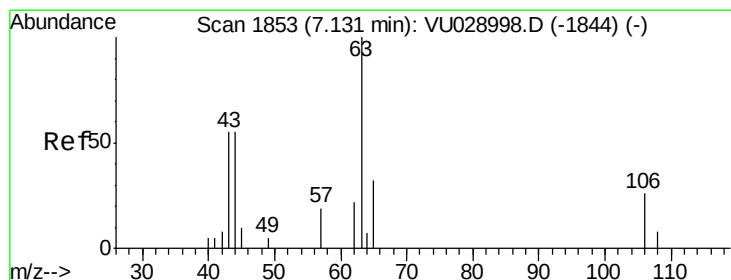
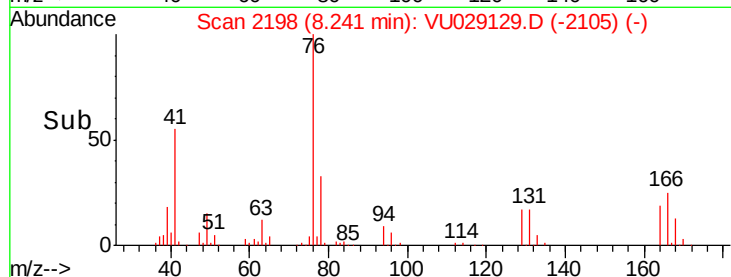
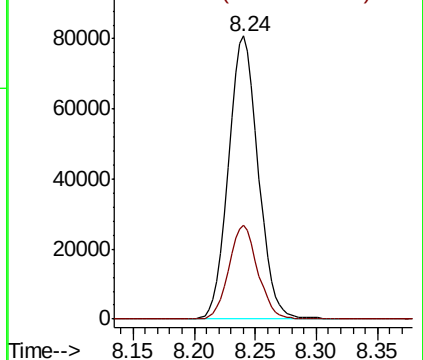
#57
 1,3-Dichloropropane
 Concen: 50.952 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 137685
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0

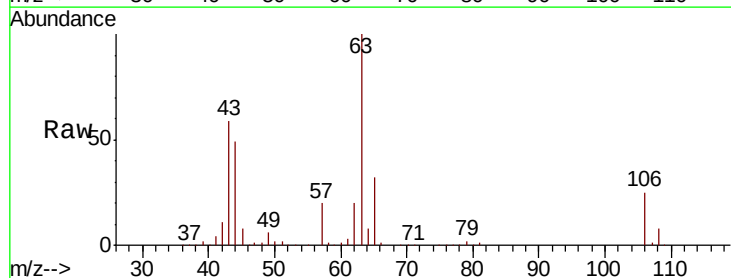


Abundance Ion 75.90 (75.60 to 76.60): VU0
 Ion 77.90 (77.60 to 78.60): VU0

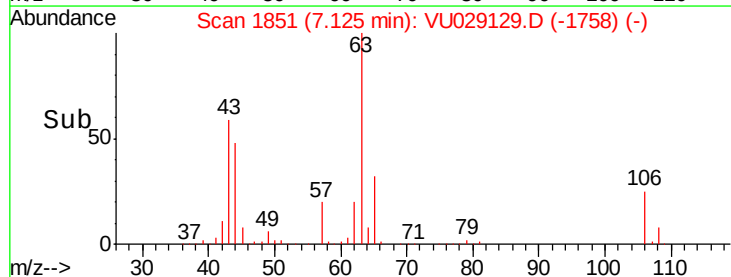
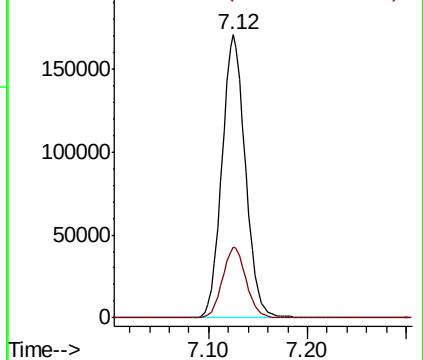


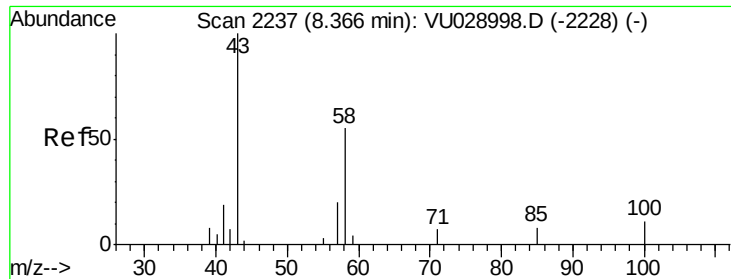
#58
 2-Chloroethyl Vinyl ether
 Concen: 265.994 ug/l
 RT: 7.12 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion: 63 Resp: 284606
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.6 31.0



Abundance Ion 62.90 (62.60 to 63.60): VU0
 Ion 105.90 (105.60 to 106.60): V

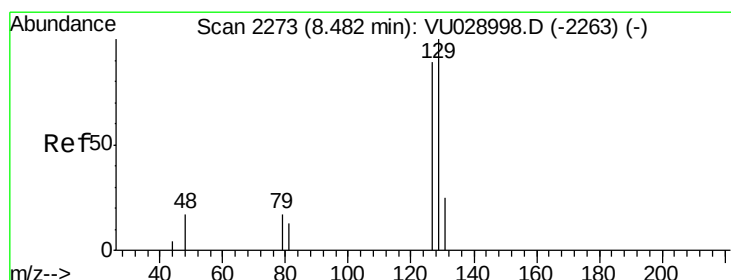
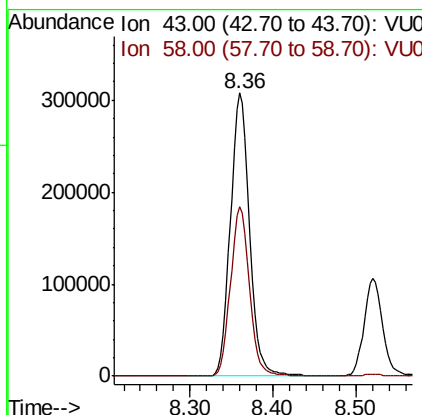
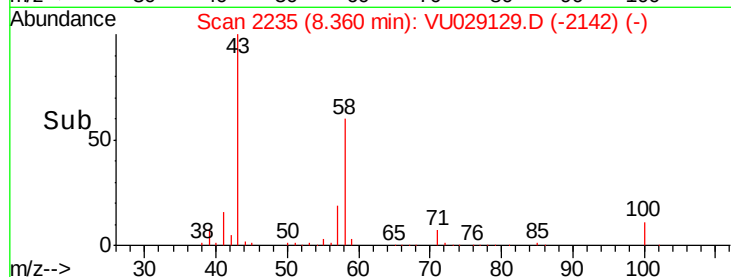
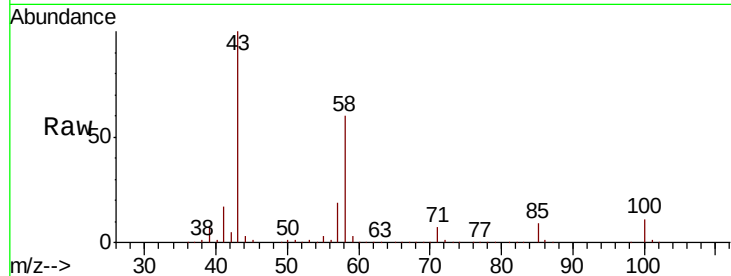




#59
2-Hexanone
Concen: 265.994 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

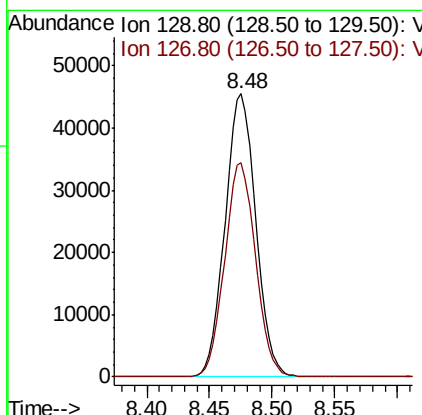
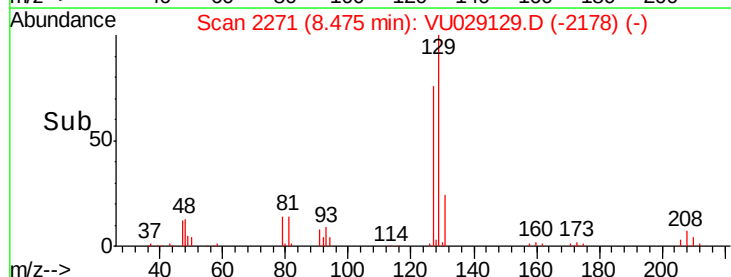
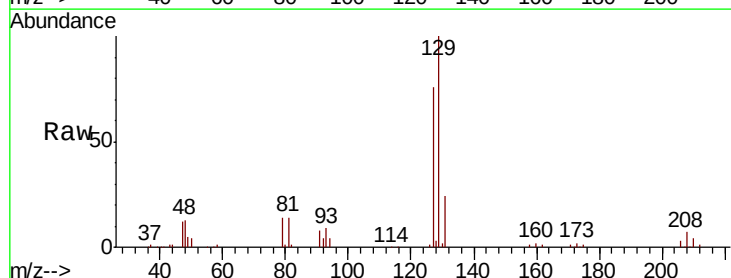
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

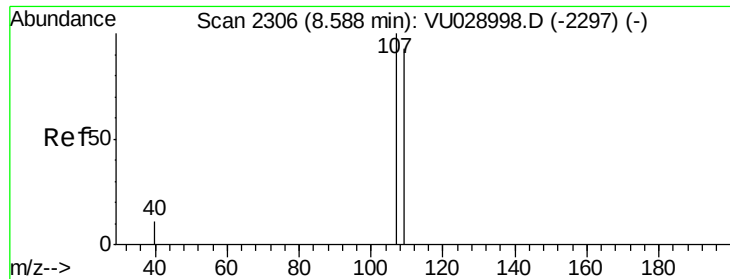
Tgt Ion: 43 Resp: 496691
Ion Ratio Lower Upper
43 100
58 59.5 29.8 89.4



#60
Dibromochloromethane
Concen: 49.594 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Tgt Ion: 129 Resp: 77593
Ion Ratio Lower Upper
129 100
127 75.9 38.0 114.0

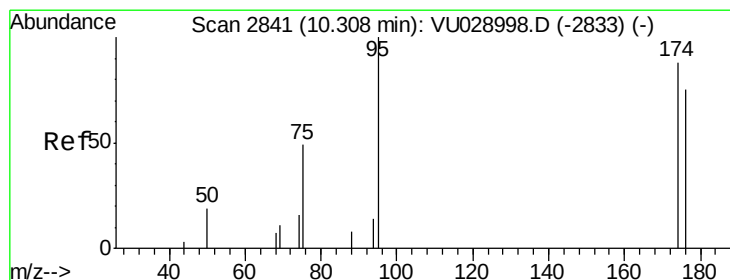
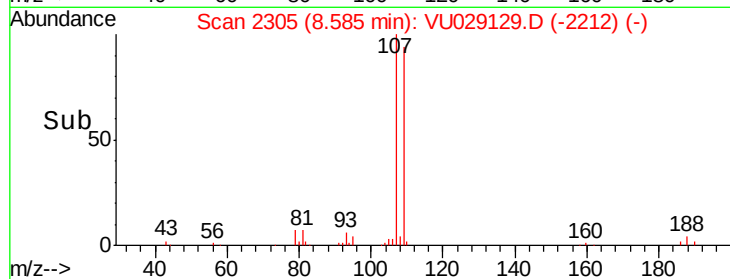
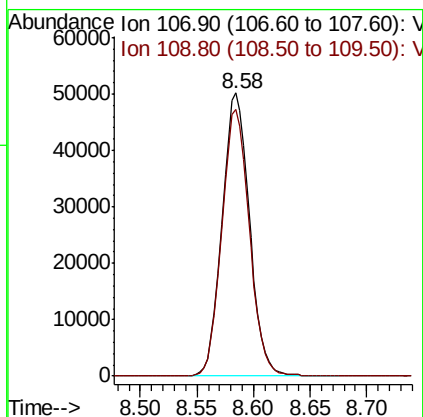
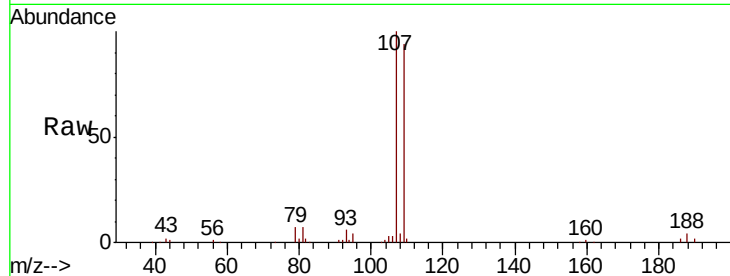




#61
 1,2-Dibromoethane
 Concen: 49.521 ug/l
 RT: 8.58 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

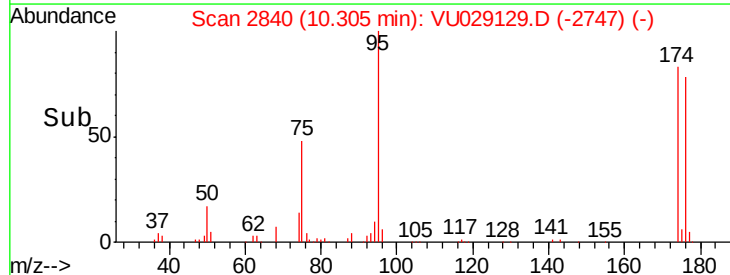
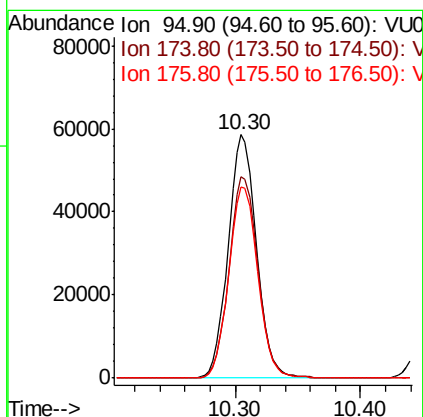
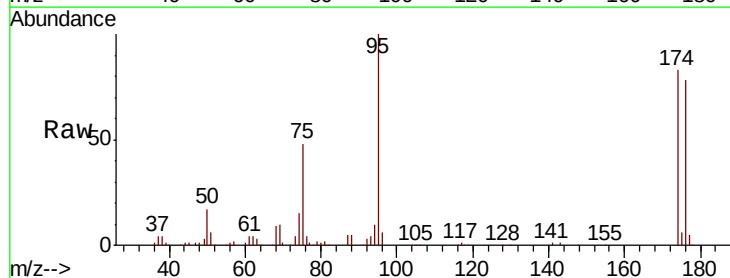
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

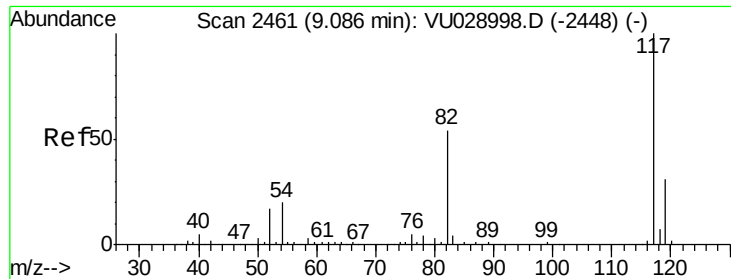
Tgt Ion: 107 Resp: 84818
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 47.947 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion: 95 Resp: 91582
 Ion Ratio Lower Upper
 95 100
 174 84.6 0.0 170.6
 176 80.8 0.0 165.0

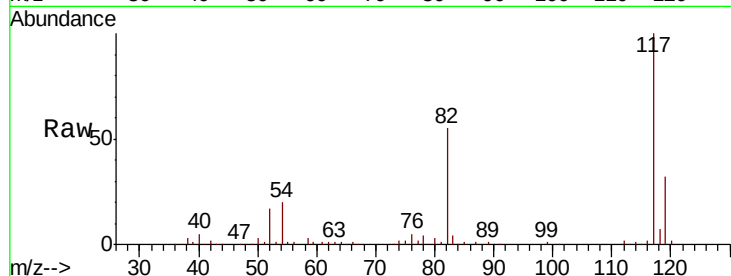




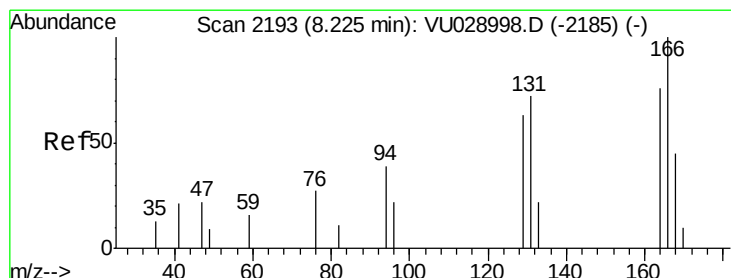
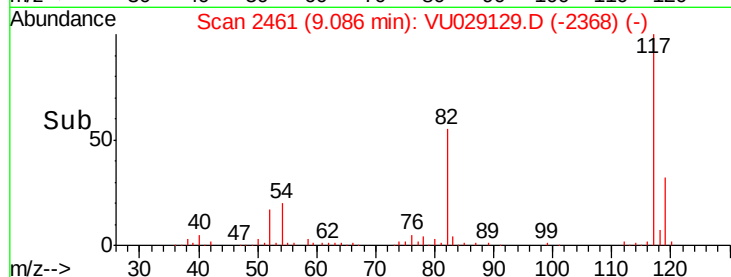
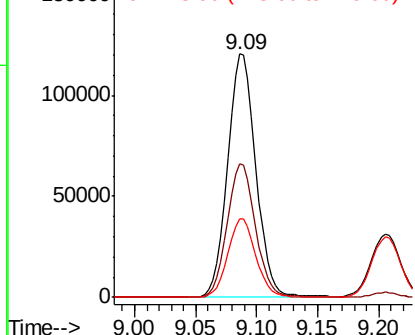
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 195697
Ion Ratio Lower Upper
117 100
82 54.8 43.9 65.9
119 32.3 26.0 39.0

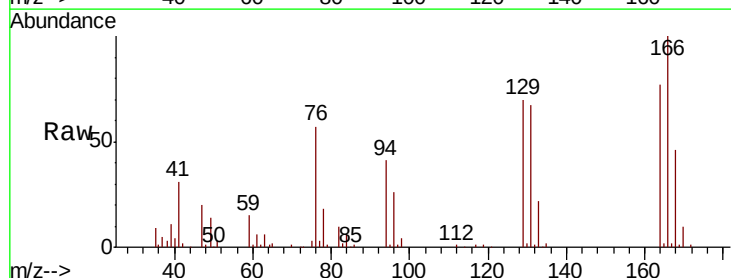


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU029129.D (-2368) (-)
Ion 118.90 (118.60 to 119.60): V

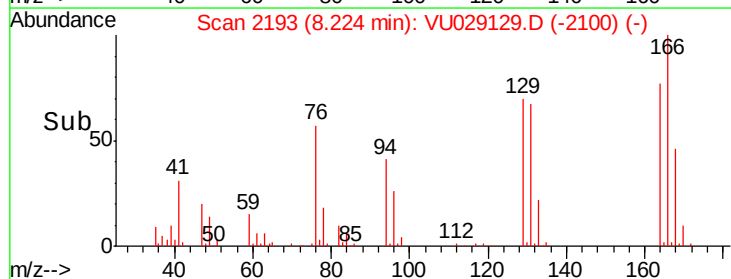
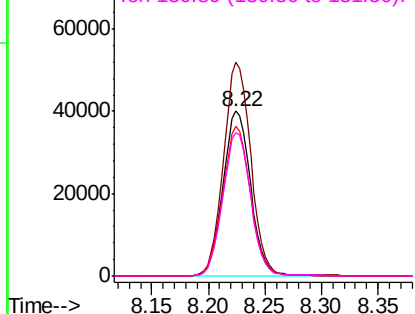


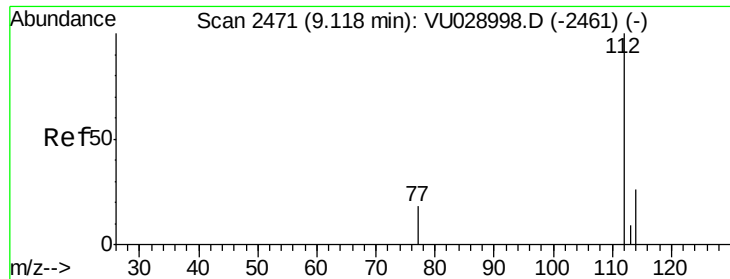
#64
Tetrachloroethene
Concen: 48.598 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Tgt Ion:164 Resp: 68509
Ion Ratio Lower Upper
164 100
166 129.4 99.4 149.0
129 90.8 70.5 105.7
131 87.1 69.0 103.6



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

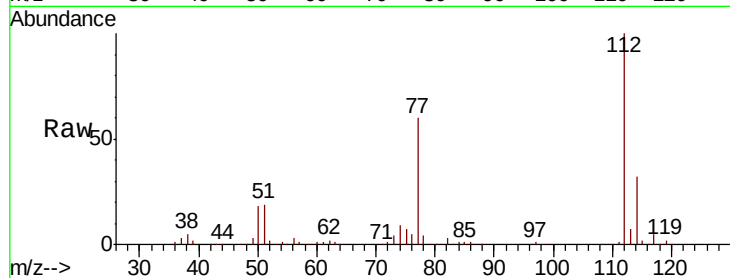




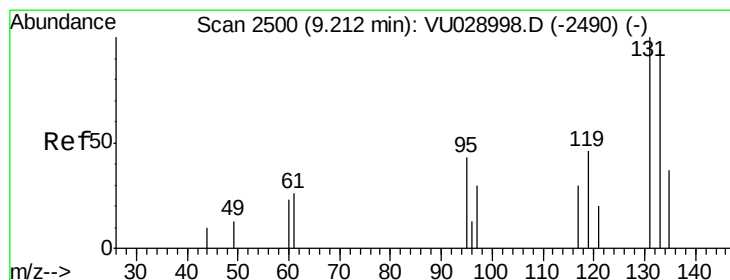
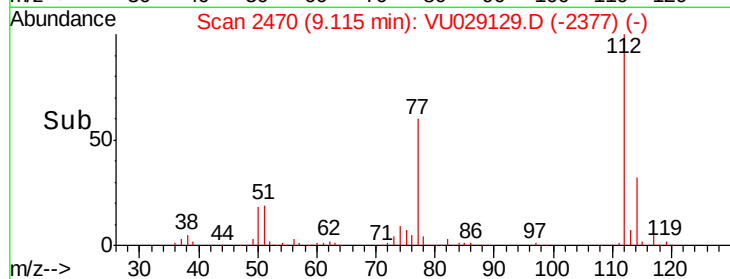
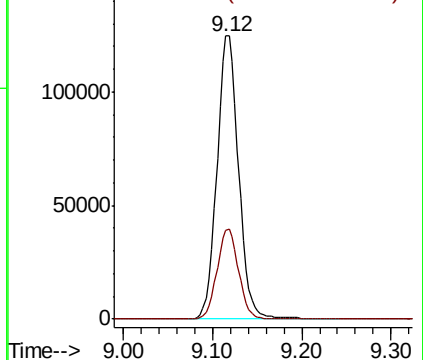
#65
Chlorobenzene
Concen: 47.590 ug/l
RT: 9.12 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 208761
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6

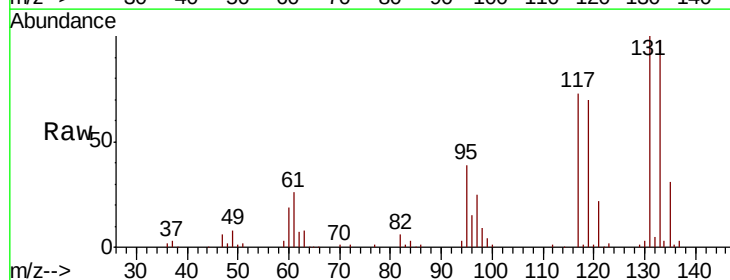


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

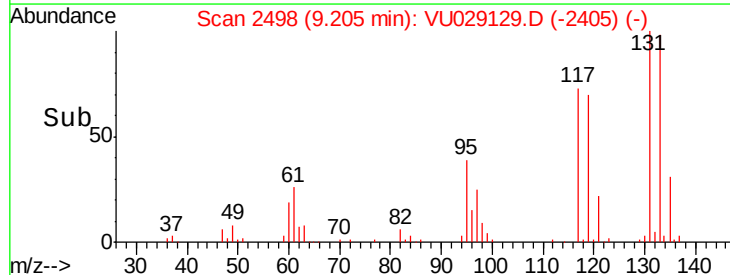
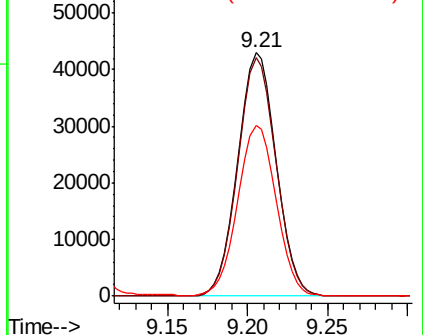


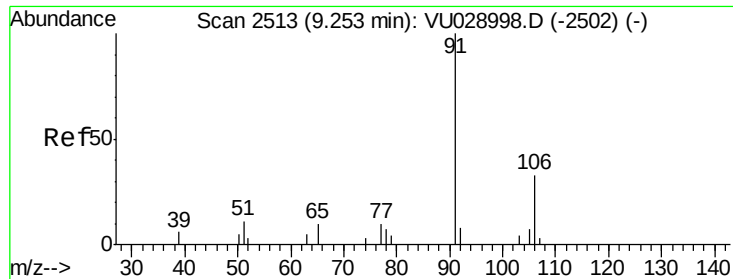
#66
1,1,1,2-Tetrachloroethane
Concen: 49.376 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Tgt Ion:131 Resp: 70290
Ion Ratio Lower Upper
131 100
133 97.5 48.2 144.6
119 70.6 35.4 106.3



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

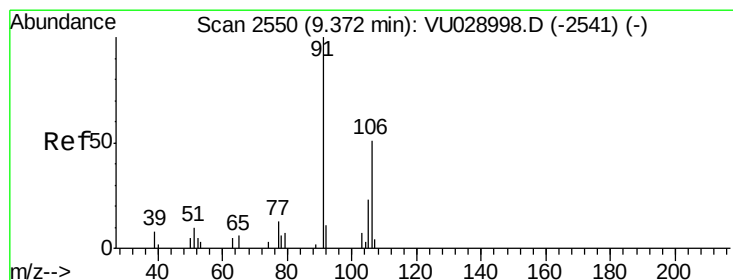
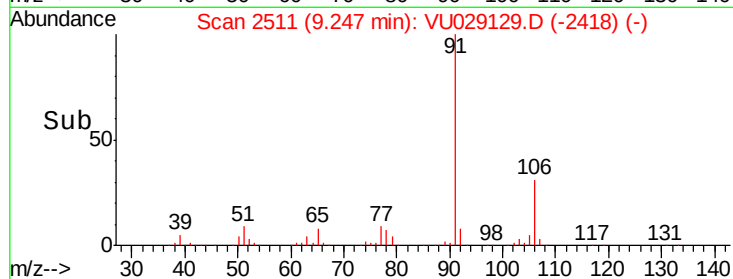
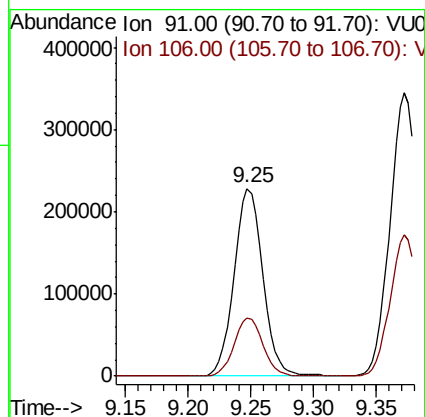
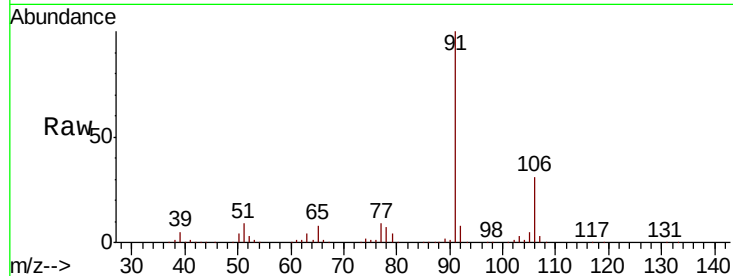




#67
Ethyl Benzene
Concen: 49.679 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

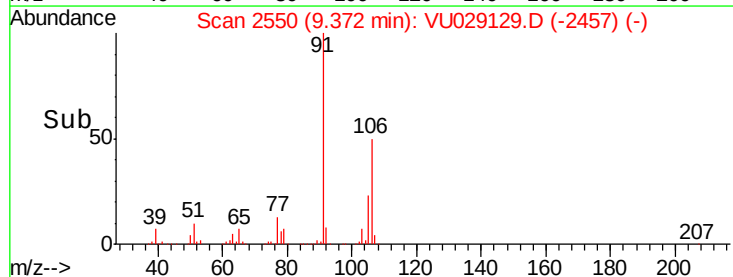
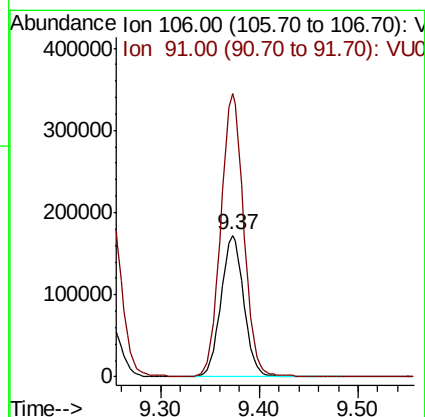
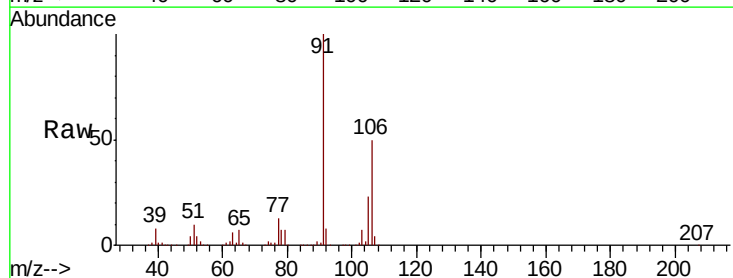
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

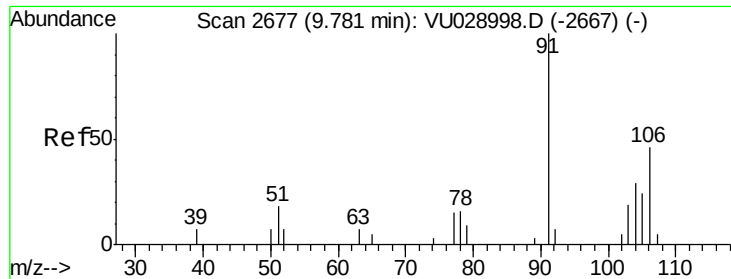
Tgt Ion: 91 Resp: 363835
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 99.034 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Tgt Ion: 106 Resp: 281813
Ion Ratio Lower Upper
106 100
91 200.6 161.7 242.5

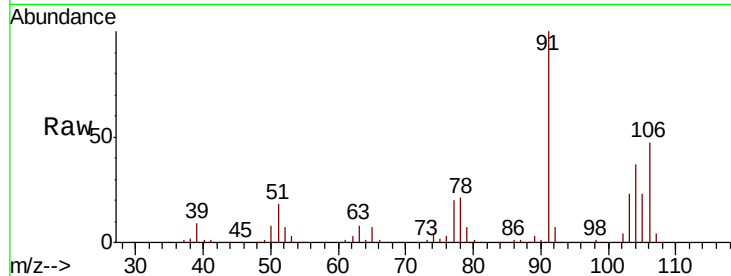




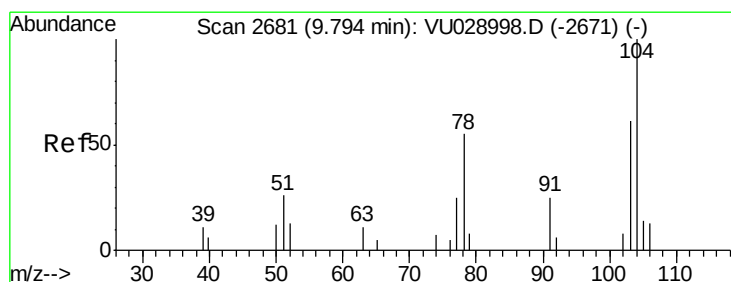
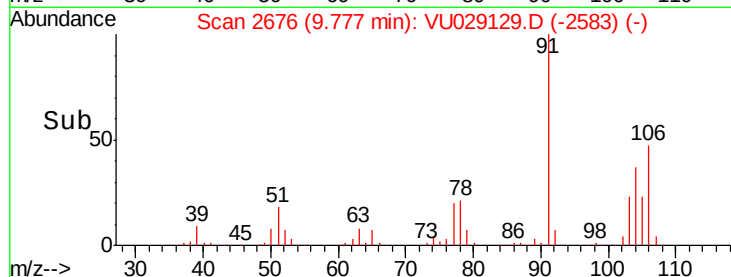
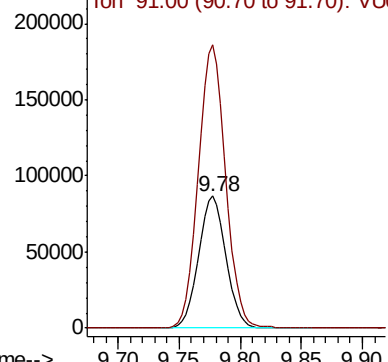
#69
o-Xylene
Concen: 50.062 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 137262
Ion Ratio Lower Upper
106 100
91 213.5 106.1 318.3

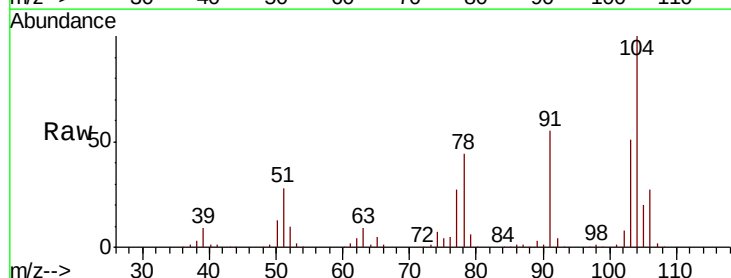


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

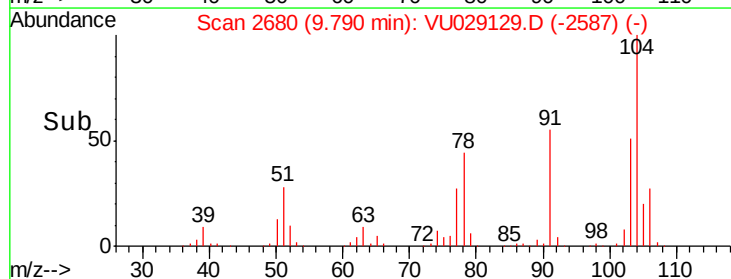
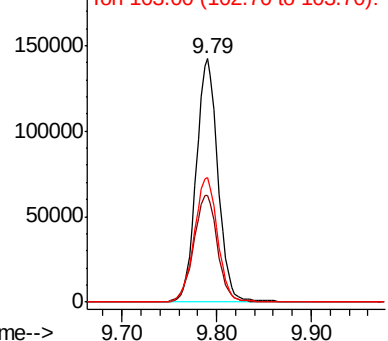


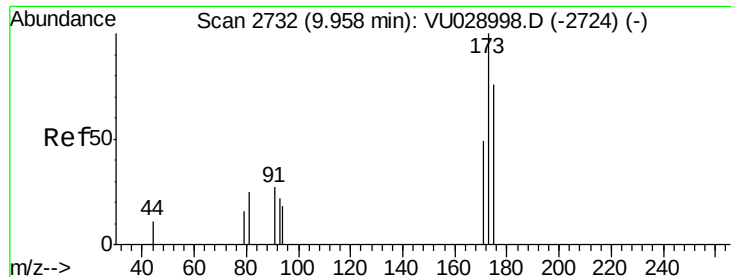
#70
Styrene
Concen: 50.440 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Tgt Ion:104 Resp: 226720
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 55.1 44.5 66.7



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: 49.039 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

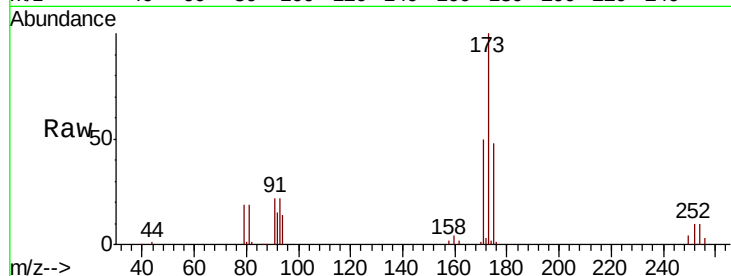
Tgt Ion:173 Resp: 62159

Ion Ratio Lower Upper

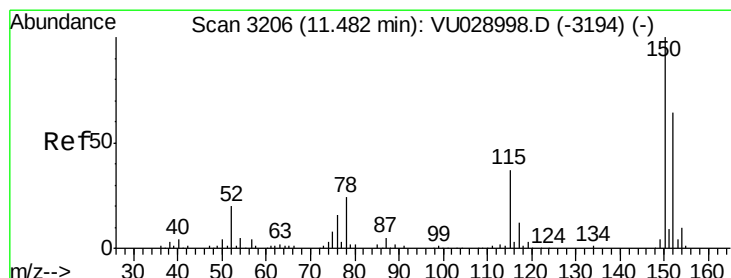
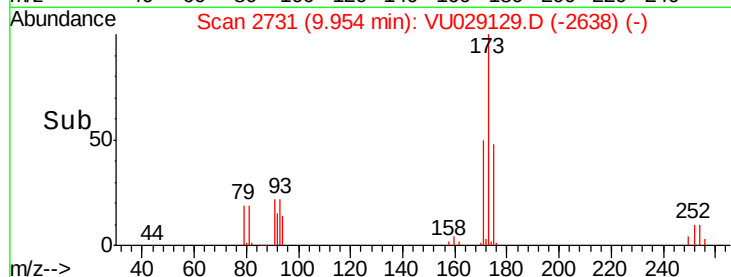
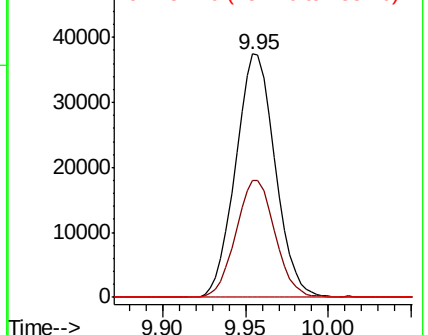
173 100

175 47.6 23.8 71.2

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# 3206

Delta R.T. -0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

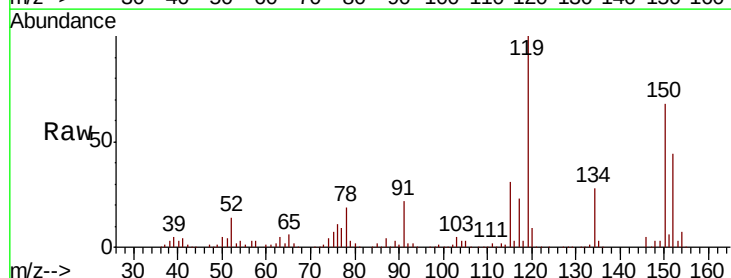
Tgt Ion:152 Resp: 97541

Ion Ratio Lower Upper

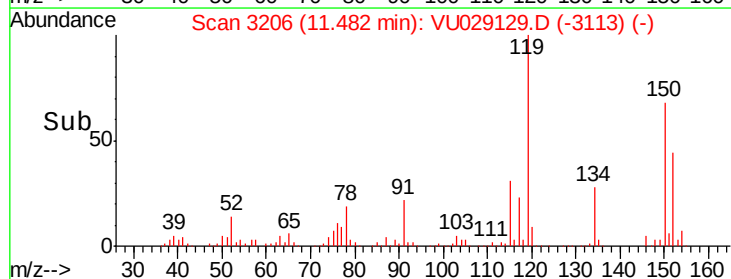
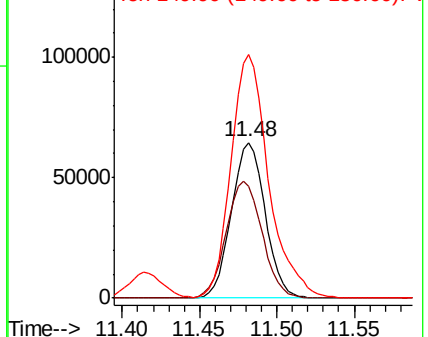
152 100

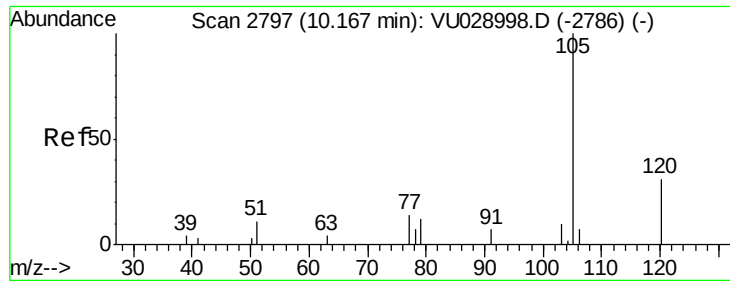
115 80.0 40.1 120.3

150 175.4 0.0 345.2



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





#73

Isopropylbenzene

Concen: 49.399 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

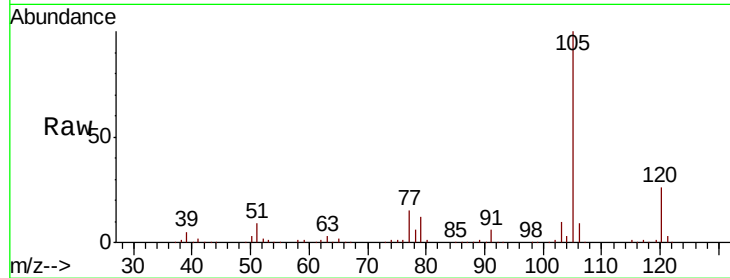
VSTDCCC050EC

Tgt Ion:105 Resp: 356645

Ion Ratio Lower Upper

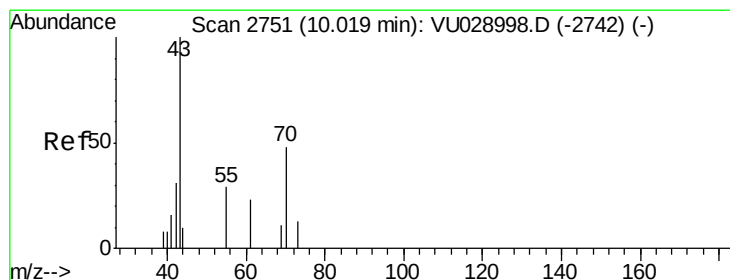
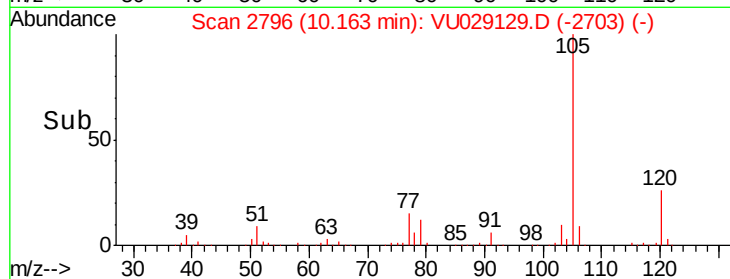
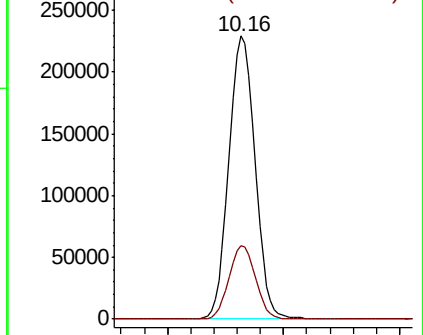
105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.150 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Tgt Ion: 43 Resp: 162244

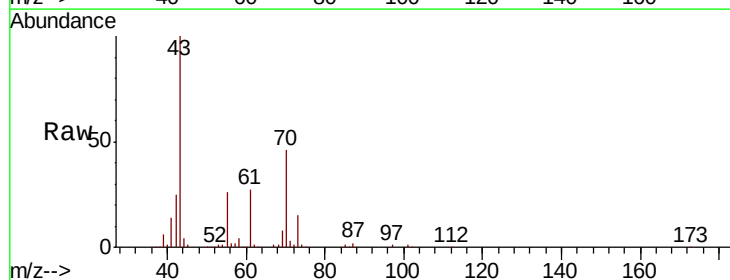
Ion Ratio Lower Upper

43 100

70 44.9 36.3 54.5

55 25.9 20.5 30.7

61 26.9 21.8 32.8

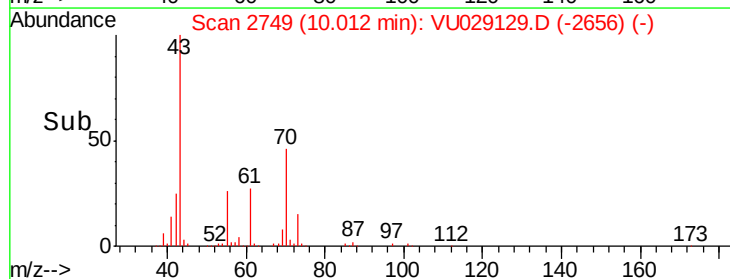
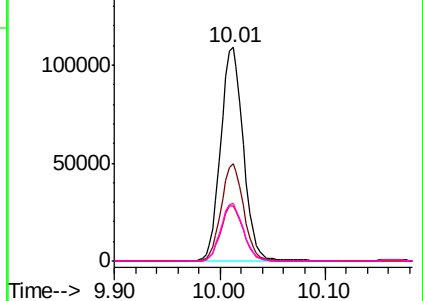


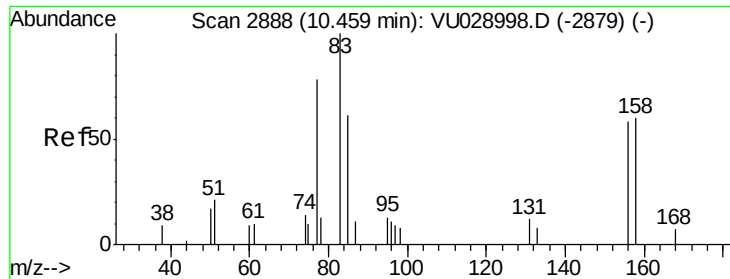
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.127 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

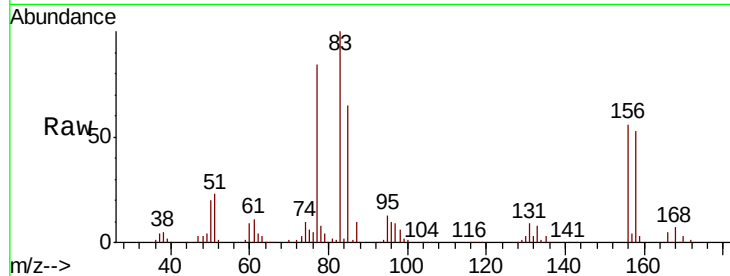
Tgt Ion: 83 Resp: 142152

Ion Ratio Lower Upper

83 100

131 8.8 4.7 14.1

85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0

120000

100000

80000

60000

40000

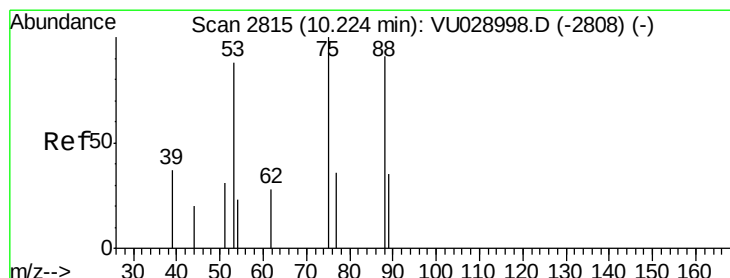
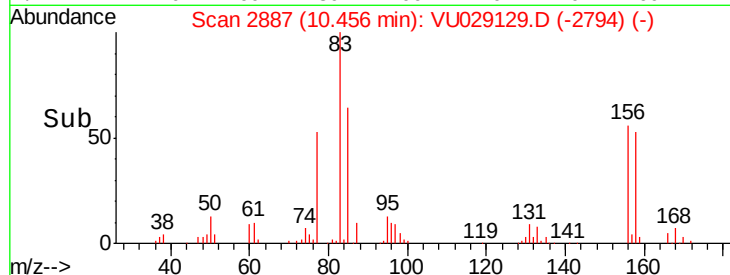
20000

0

10.40

10.50

Time-->



#76

1,2,3-Trichloropropane

Concen: 66.697 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.00 min

Lab File: VU029129.D

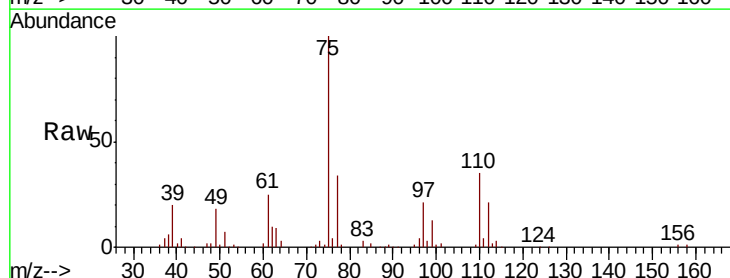
Acq: 10 Jan 2019 19:55

Tgt Ion: 75 Resp: 159400

Ion Ratio Lower Upper

75 100

77 29.9 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

100000

80000

60000

40000

20000

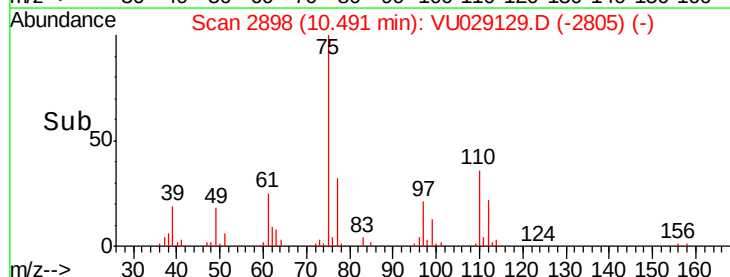
0

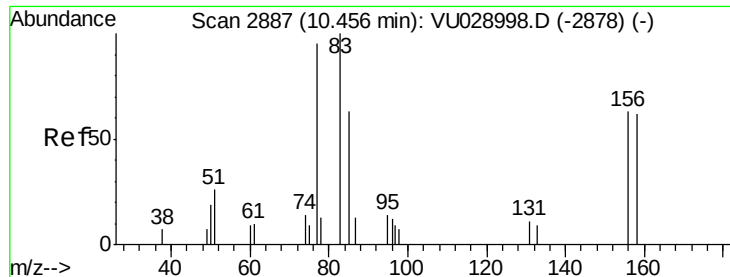
10.45

10.50

10.55

Time-->





#77

Bromobenzene

Concen: 48.075 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

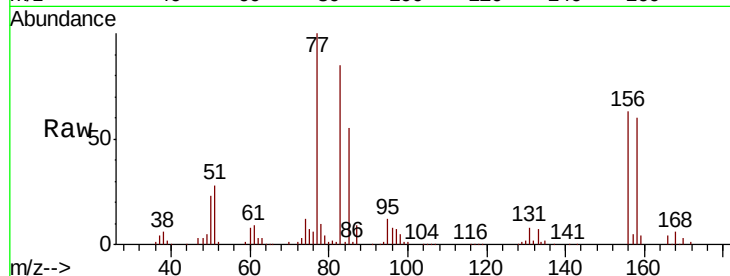
Tgt Ion:156 Resp: 90450

Ion Ratio Lower Upper

156 100

77 159.6 79.0 237.2

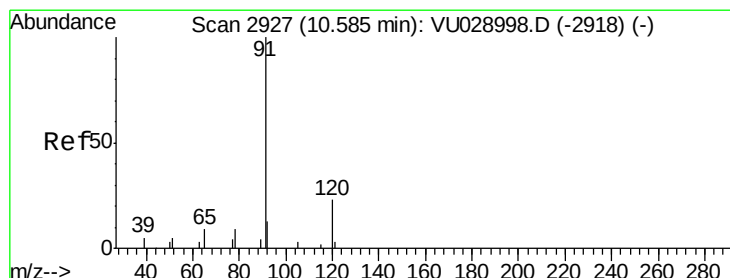
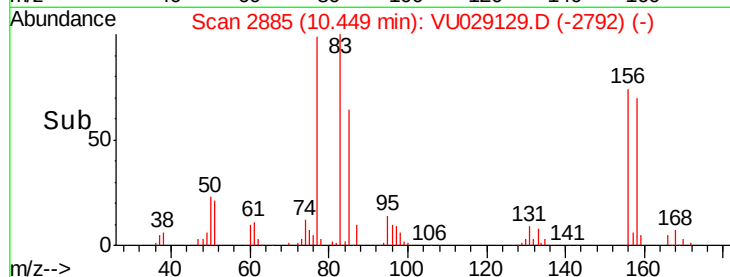
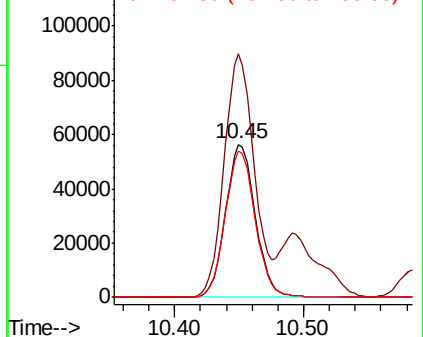
158 96.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.131 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU029129.D

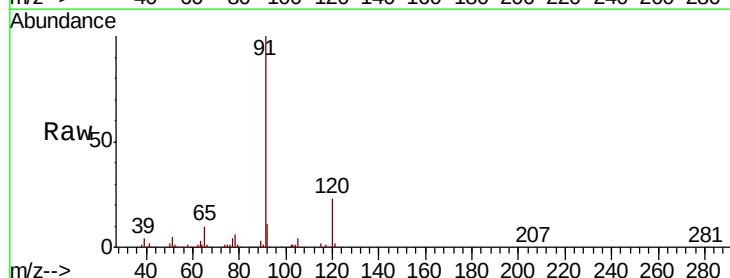
Acq: 10 Jan 2019 19:55

Tgt Ion: 91 Resp: 426531

Ion Ratio Lower Upper

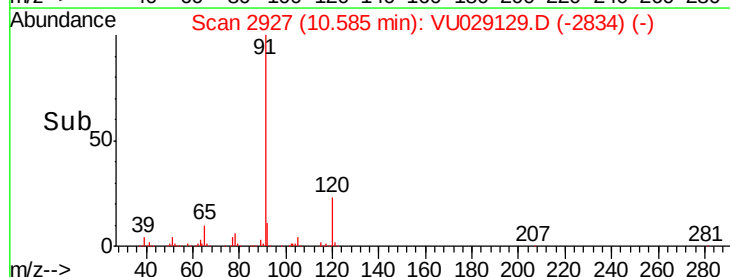
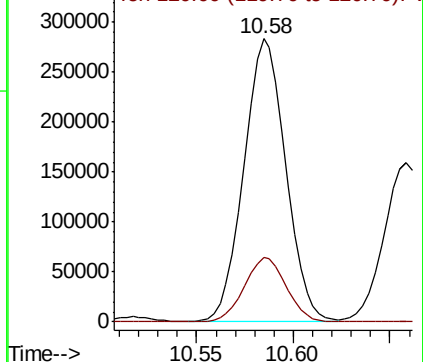
91 100

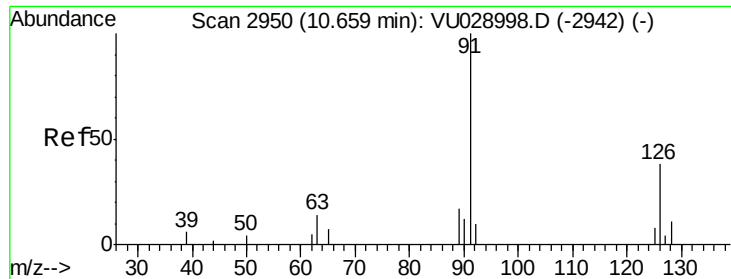
120 22.8 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

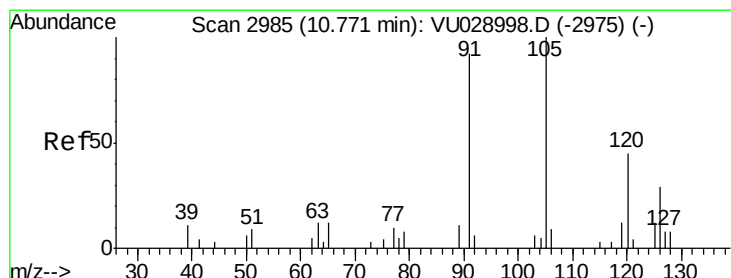
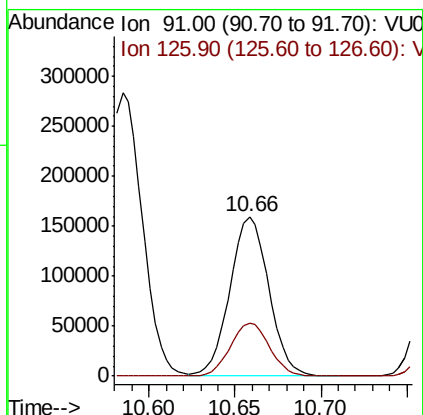
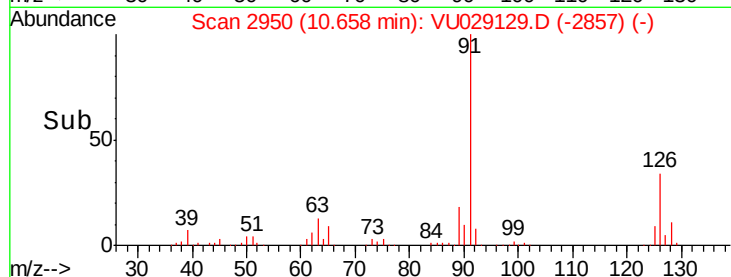
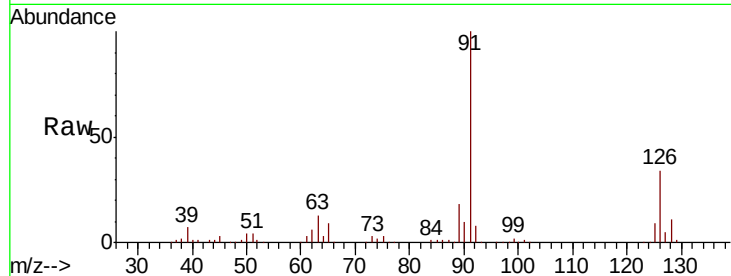




#79
 2-Chlorotoluene
 Concen: 48.490 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

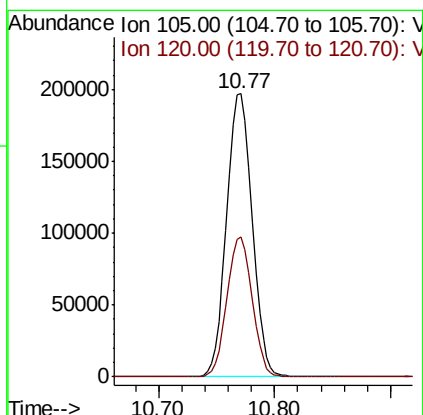
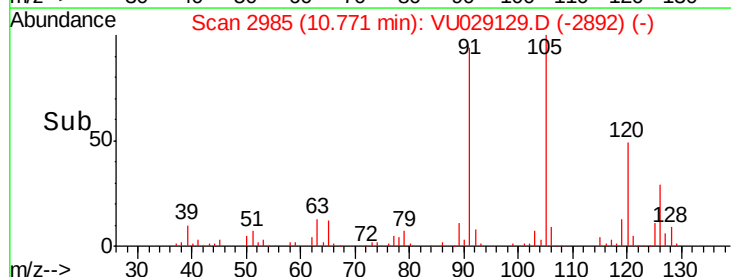
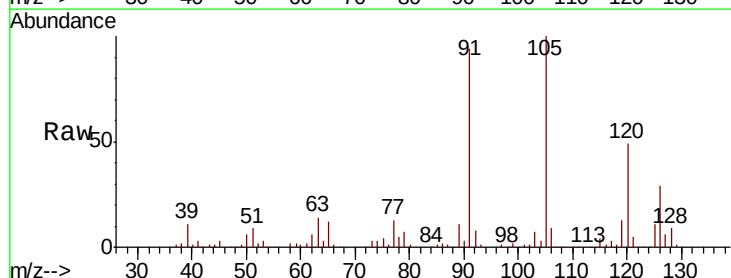
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

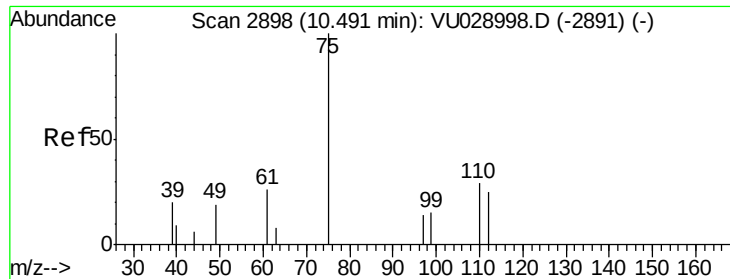
Tgt Ion: 91 Resp: 250271
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.778 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion: 105 Resp: 300114
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 172.015 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

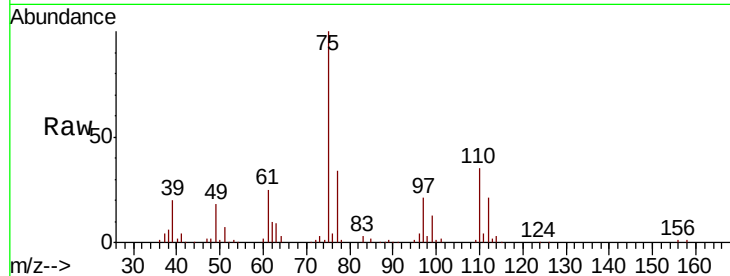
Tgt Ion: 75 Resp: 159400

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

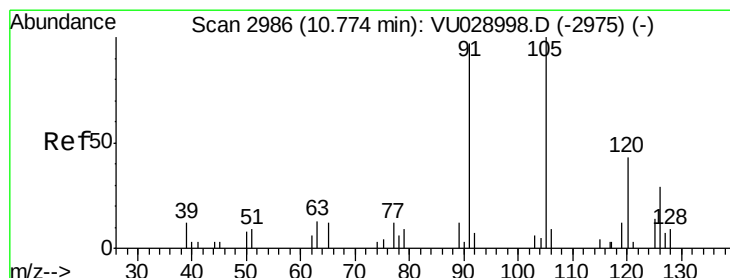
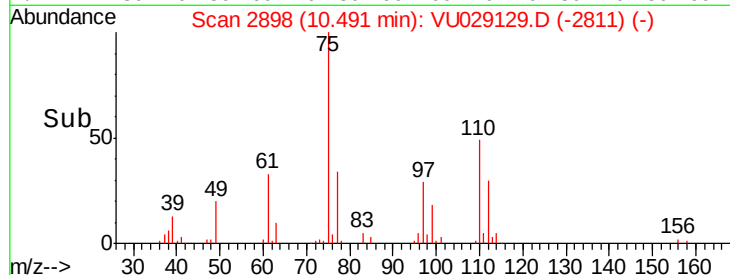
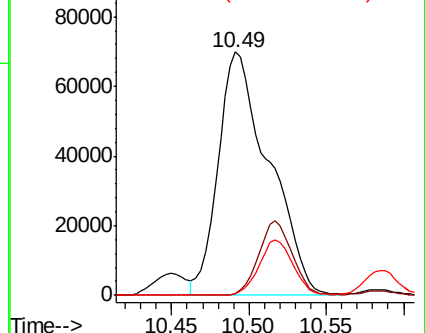
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU028998.D (-2891) (-)

Ion 53.00 (52.70 to 53.70): VU028998.D (-2891) (-)

Ion 88.90 (88.60 to 89.60): VU028998.D (-2891) (-)



#82

4-Chlorotoluene

Concen: 48.414 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU029129.D

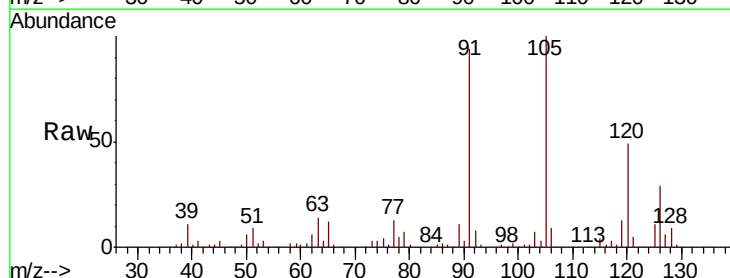
Acq: 10 Jan 2019 19:55

Tgt Ion: 91 Resp: 286528

Ion Ratio Lower Upper

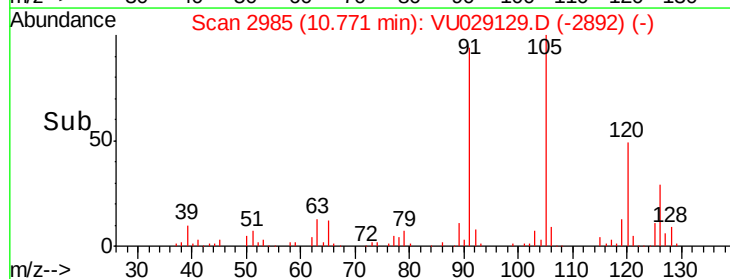
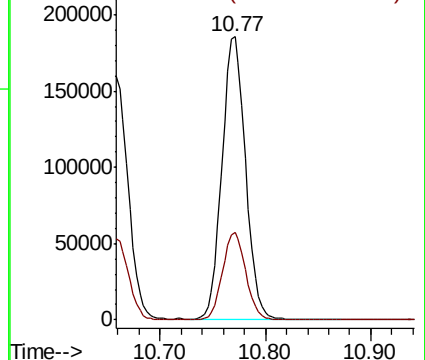
91 100

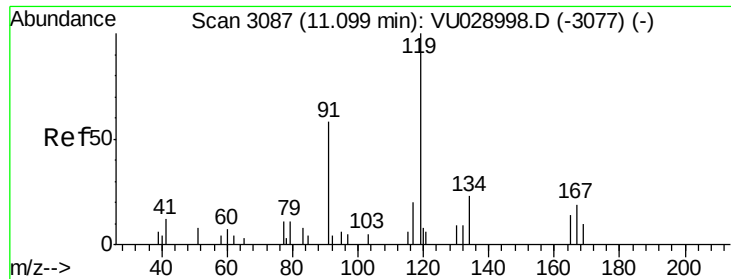
126 30.5 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VU028998.D (-2975) (-)

Ion 125.90 (125.60 to 126.60): VU028998.D (-2975) (-)

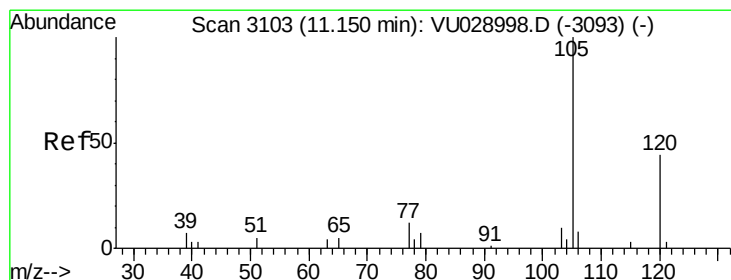
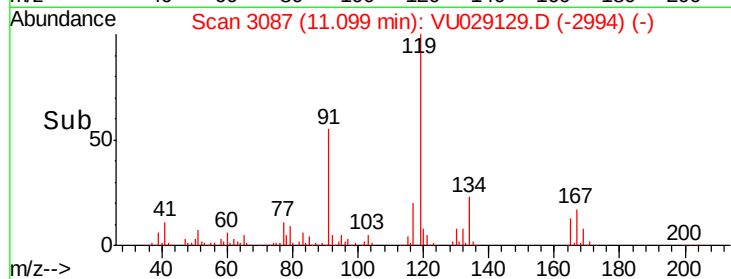
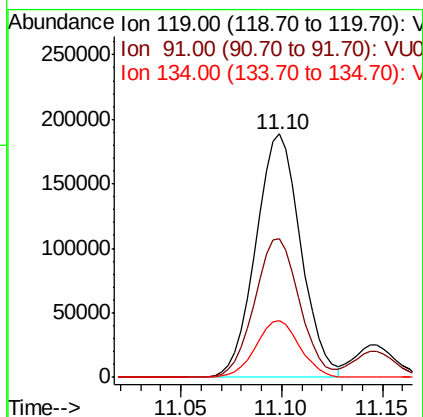
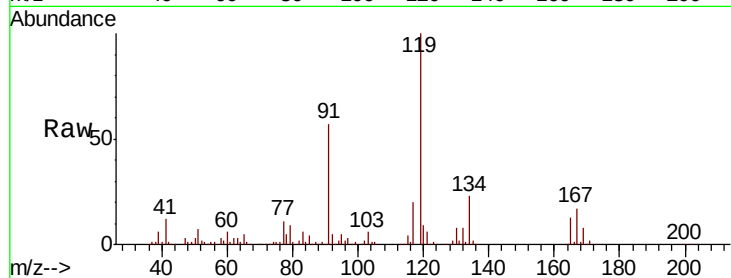




#83
 tert-Butylbenzene
 Concen: 49.408 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

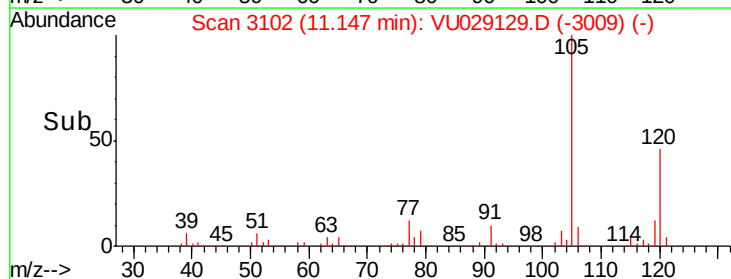
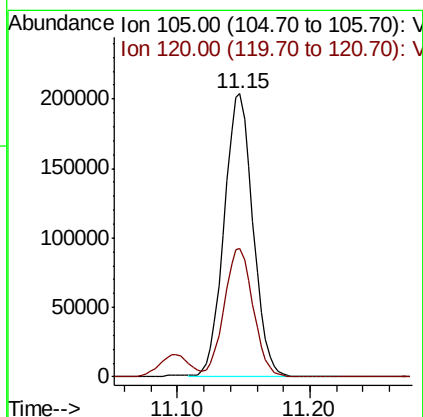
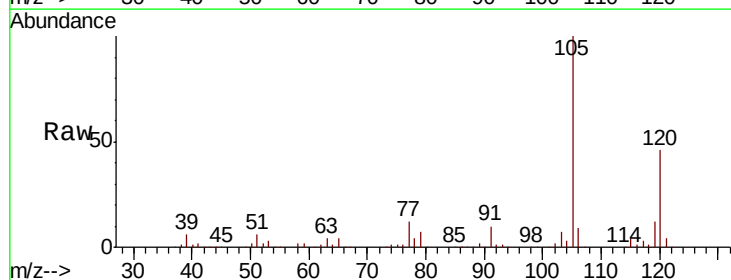
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

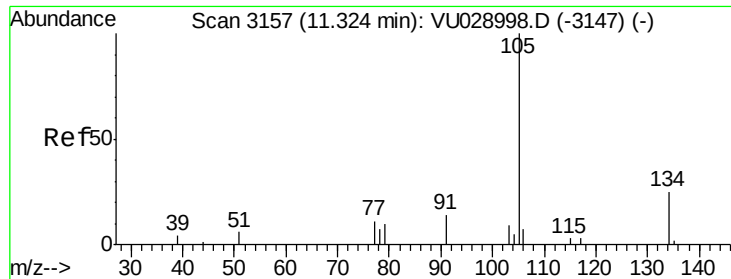
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.0	28.2	84.6
134	22.8	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.999 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3





#85

sec-Butylbenzene

Concen: 51.035 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

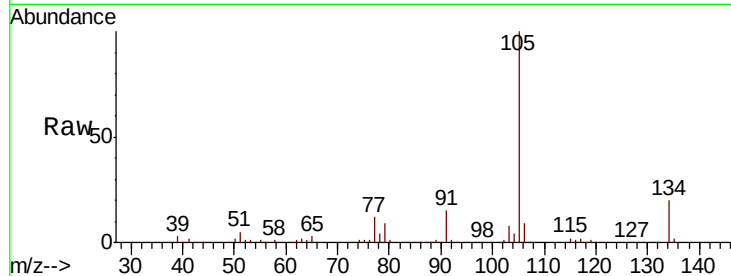
VSTDCCC050EC

Tgt Ion:105 Resp: 366774

Ion Ratio Lower Upper

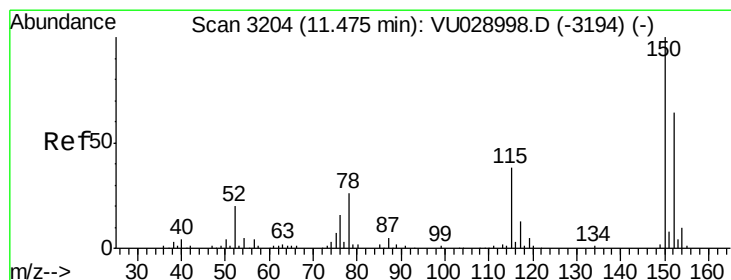
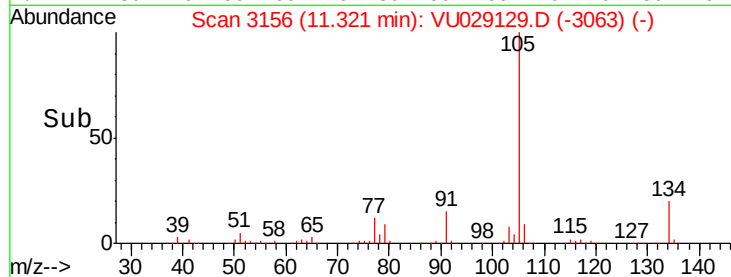
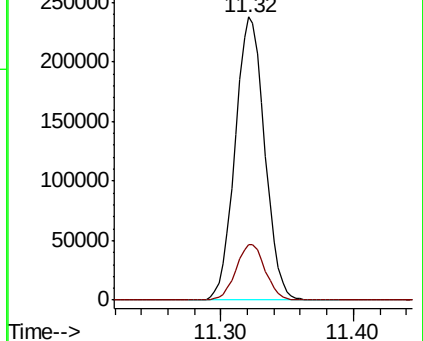
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.877 ug/l

RT: 11.47 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

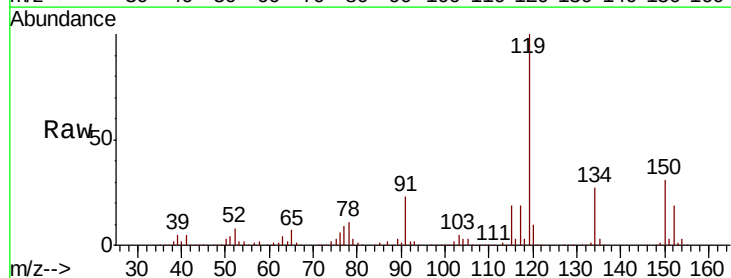
Tgt Ion:119 Resp: 311572

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

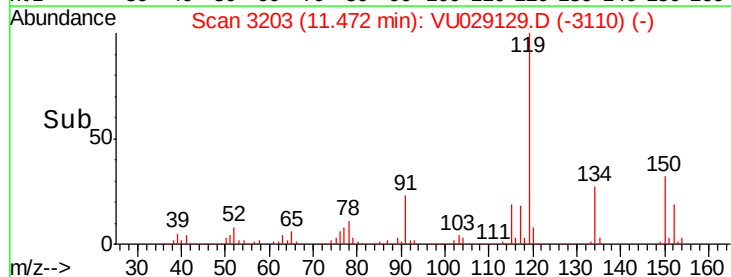
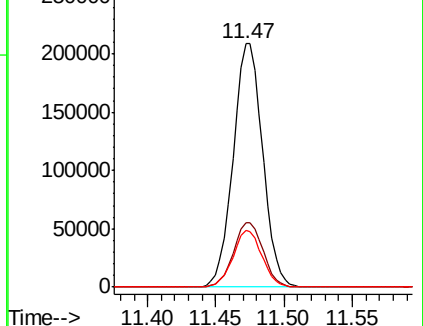
91 23.0 11.3 33.8

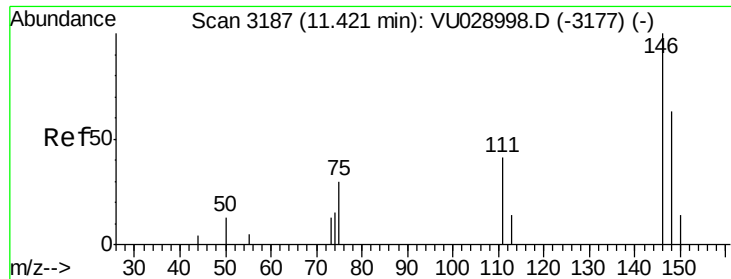


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

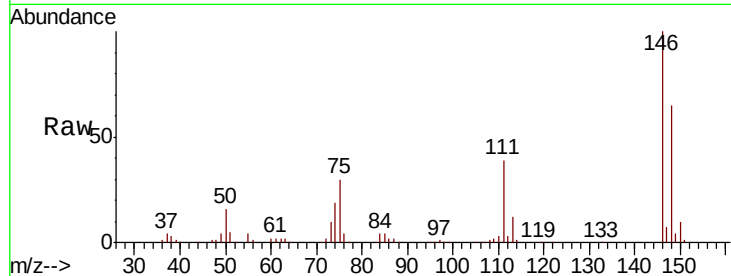




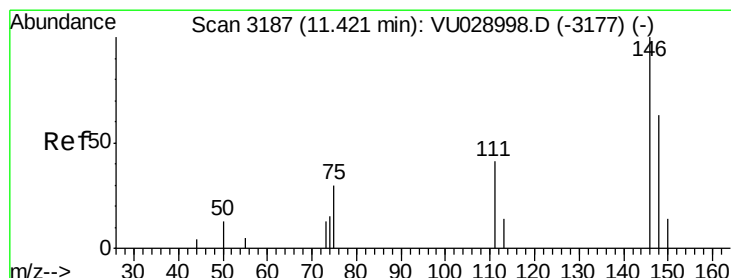
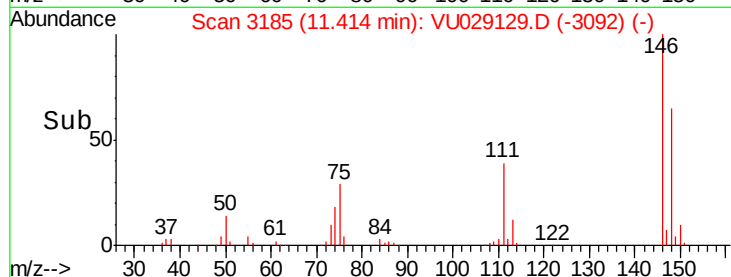
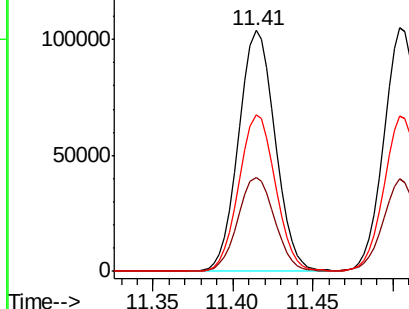
#87
 1,3-Dichlorobenzene
 Concen: 46.914 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 161901
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.3 57.8
 148 65.1 32.5 97.5

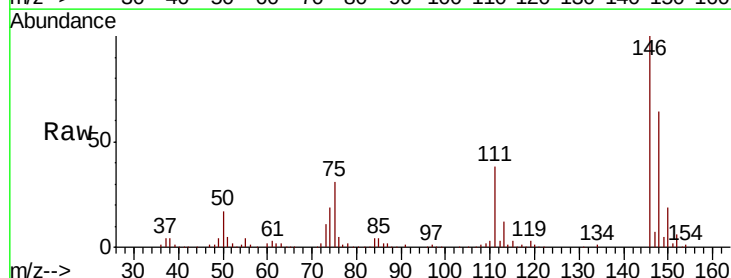


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

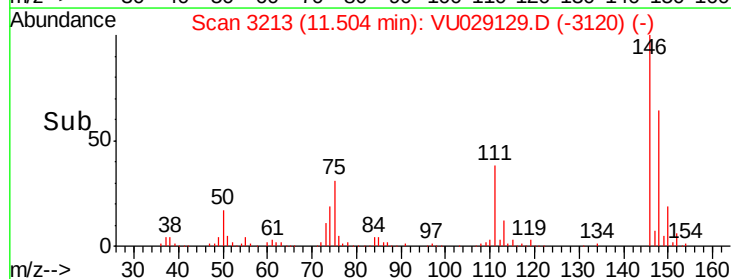
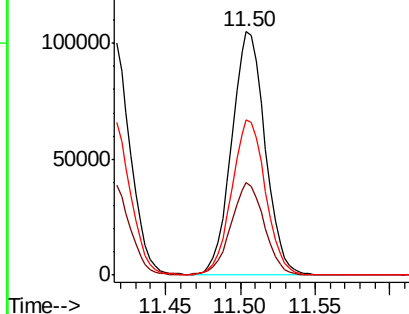


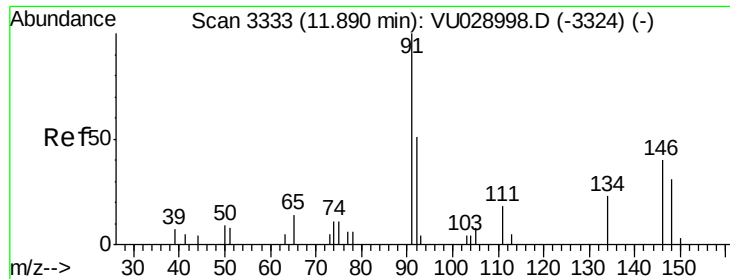
#88
 1,4-Dichlorobenzene
 Concen: 45.678 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion:146 Resp: 162716
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.3
 148 64.8 32.6 98.0



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





#89

n-Butylbenzene

Concen: 52.494 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VU029129.D

Acq: 10 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

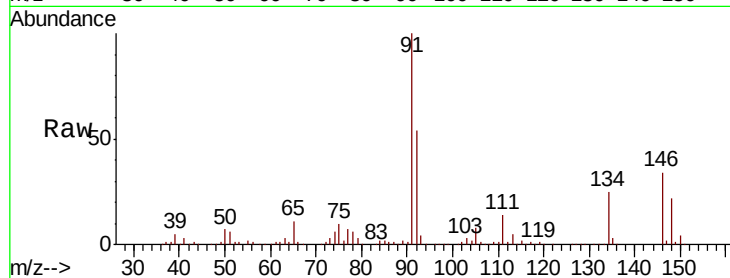
Tgt Ion: 91 Resp: 286921

Ion Ratio Lower Upper

91 100

92 53.4 26.2 78.5

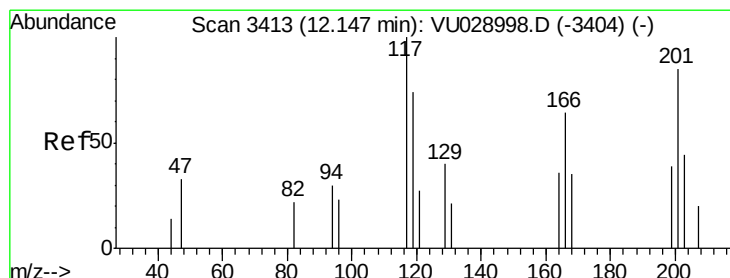
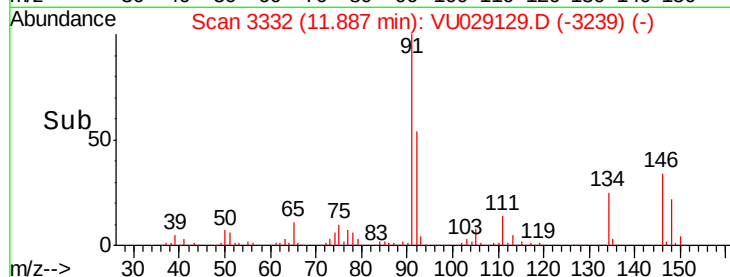
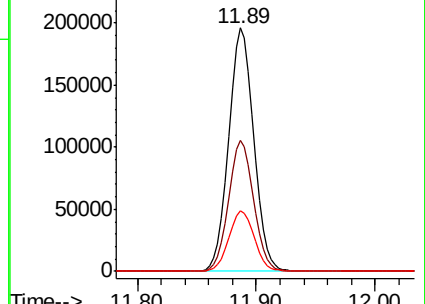
134 25.1 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VU028998.D (-3324) (-)

Ion 92.00 (91.70 to 92.70): VU028998.D (-3324) (-)

Ion 134.00 (133.70 to 134.70): VU028998.D (-3324) (-)



#90

Hexachloroethane

Concen: 46.282 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VU029129.D

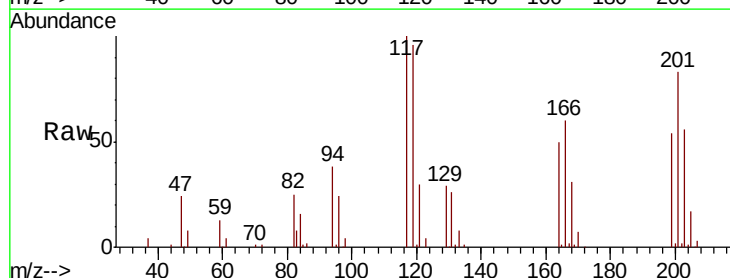
Acq: 10 Jan 2019 19:55

Tgt Ion: 117 Resp: 47681

Ion Ratio Lower Upper

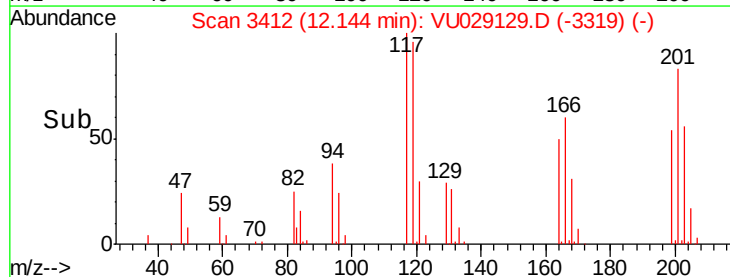
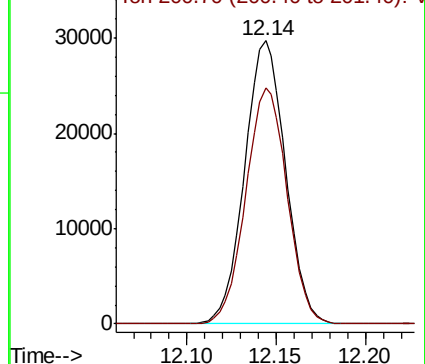
117 100

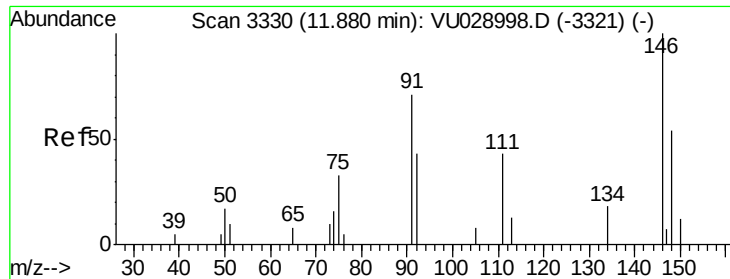
201 84.0 42.4 127.3



Abundance Ion 116.80 (116.50 to 117.50): VU028998.D (-3404) (-)

Ion 200.70 (200.40 to 201.40): VU028998.D (-3404) (-)

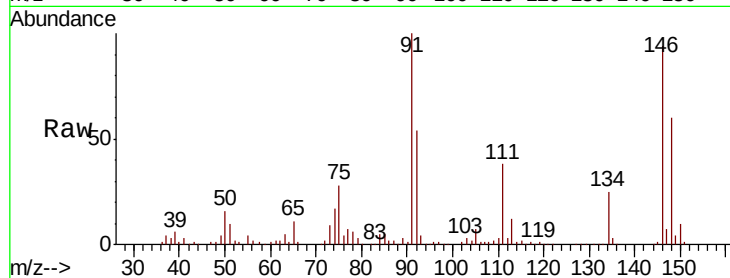




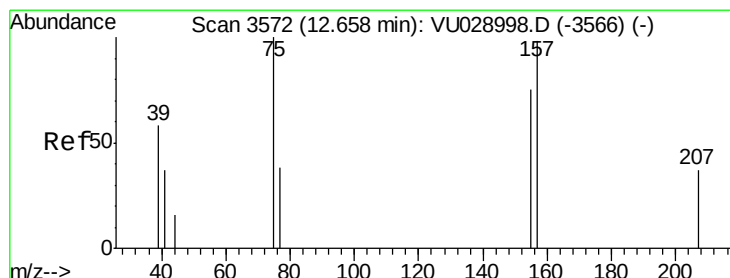
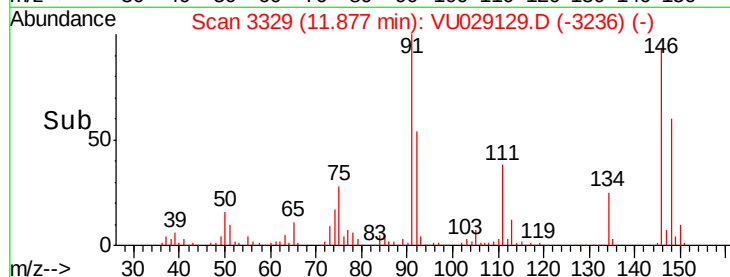
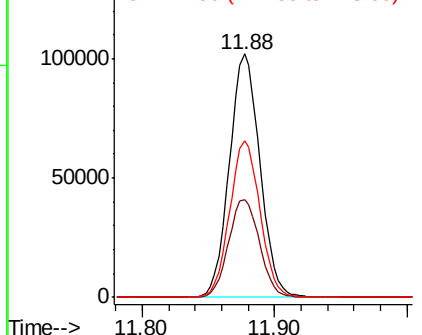
#91
 1,2-Dichlorobenzene
 Concen: 47.015 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 163421
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 59.9
 148 63.9 31.6 94.8

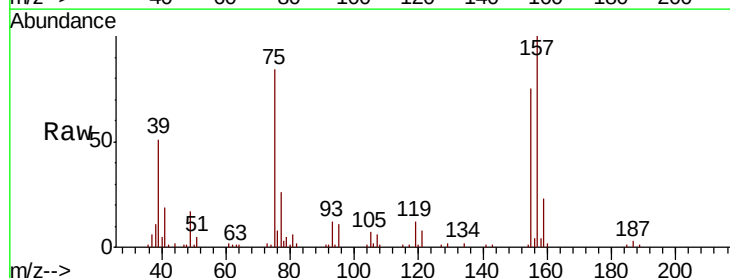


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

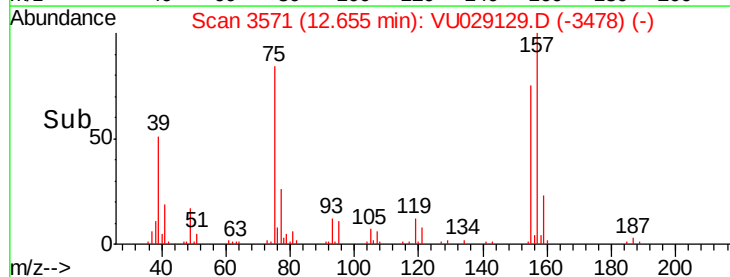
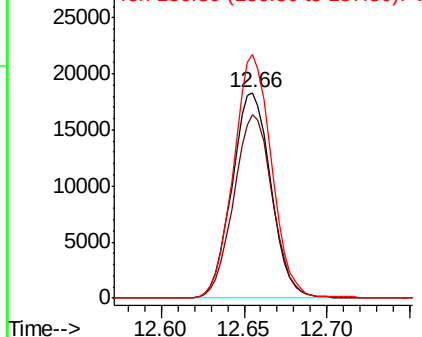


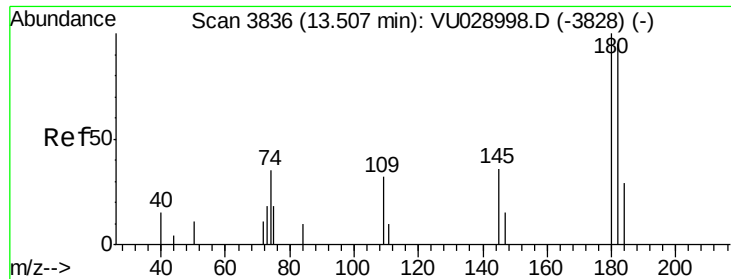
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.686 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion: 75 Resp: 29878
 Ion Ratio Lower Upper
 75 100
 155 88.9 46.3 138.8
 157 116.1 57.4 172.0



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

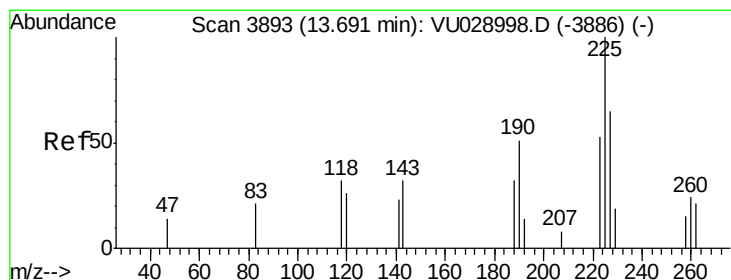
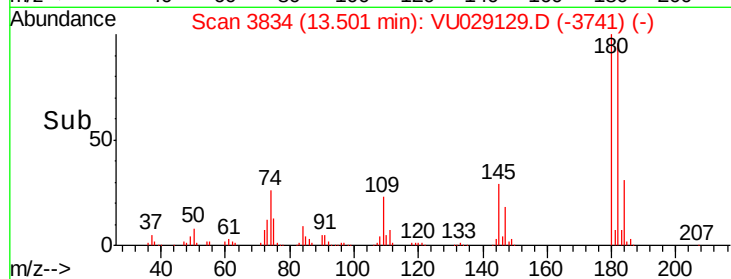
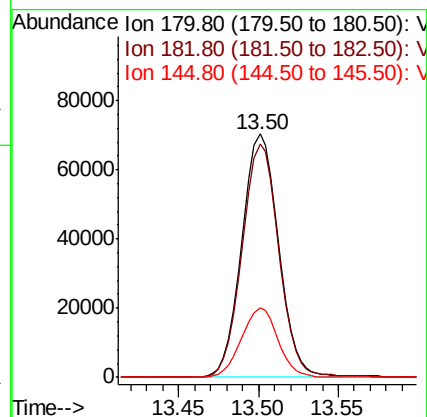
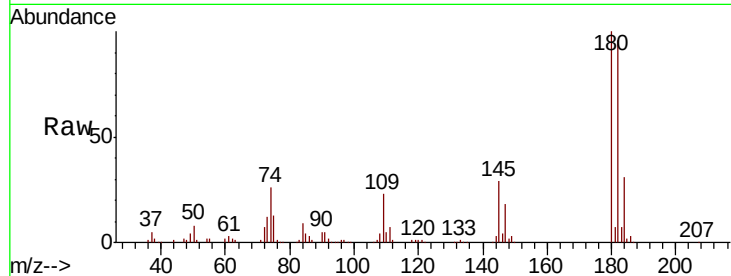




#93
 1,2,4-Trichlorobenzene
 Concen: 49.515 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

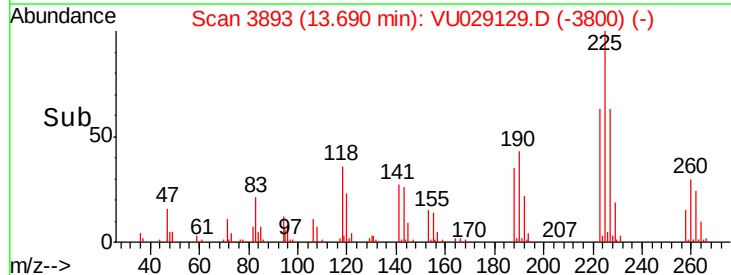
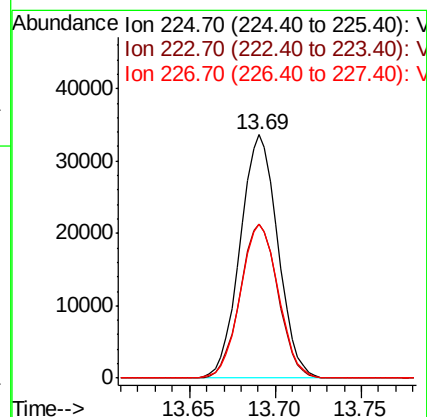
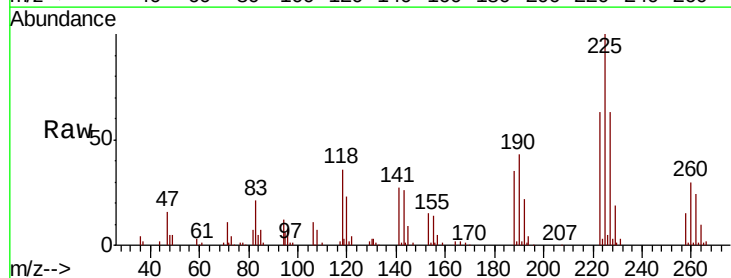
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

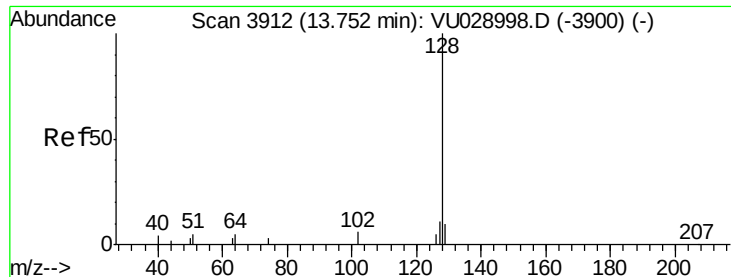
Tgt Ion:180 Resp: 109868
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.5 142.6
 145 28.4 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 50.516 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029129.D
 Acq: 10 Jan 2019 19:55

Tgt Ion:225 Resp: 51269
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.4 94.0
 227 63.6 31.9 95.5

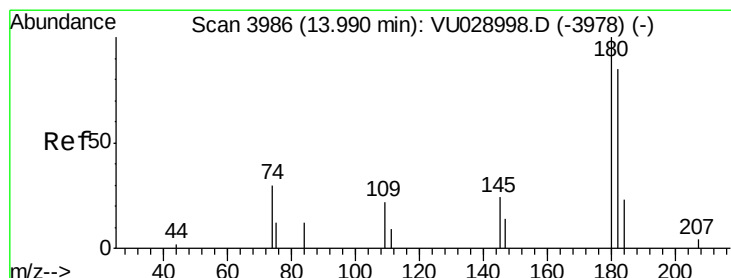
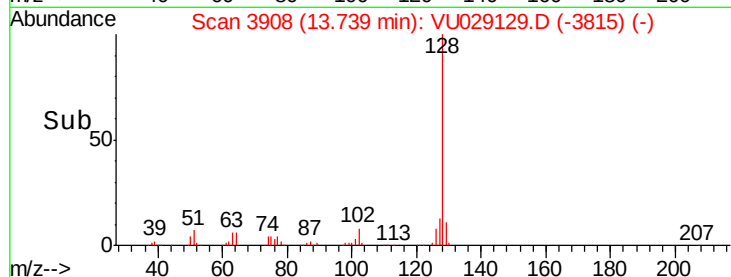
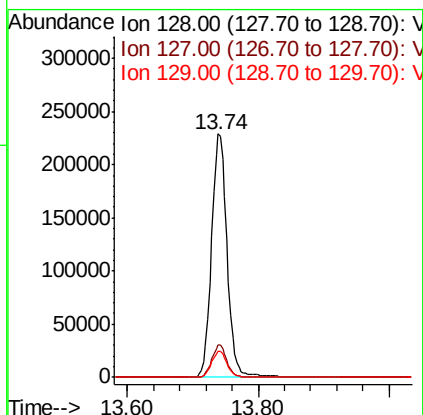
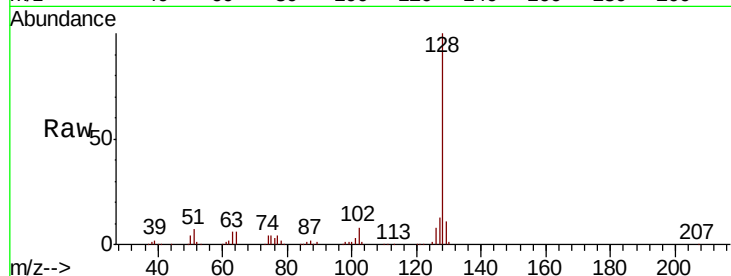




#95
Naphthalene
Concen: 50.124 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 378343
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.5 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 50.296 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029129.D
Acq: 10 Jan 2019 19:55

Tgt Ion:180 Resp: 114899
Ion Ratio Lower Upper
180 100
182 96.9 48.1 144.3
145 29.2 14.8 44.4

