

Data File : VU029324.D
Acq On : 30 Jan 2019 18:56
Operator : JC/SP
Sample : VSTDCCC010EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Quant Time: Jan 31 06:29:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 09:13:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.73	96	7643	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	3027	1.02	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	3107	1.04	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	34820	9.873	ug/l 99
3) Chloromethane	1.32	50	28403	9.948	ug/l 95
4) Vinyl Chloride	1.39	62	28982	9.845	ug/l 99
5) Bromomethane	1.61	94	16616	9.004	ug/l 97
6) Chloroethane	1.69	64	21322	10.338	ug/l 100
7) Trichlorofluoromethane	1.87	101	57648	10.570	ug/l 94
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	24708	10.834	ug/l 99
9) 1,1-Dichloroethene	2.27	96	22420	10.618	ug/l 99
10) Iodomethane	2.40	142	25367	10.776	ug/l 99
11) Allyl Chloride	2.58	41	52646	10.543	ug/l 97
12) Acrylonitrile	2.93	53	13102	20.618	ug/l 97
13) Acetone	2.31	43	36053	45.823	ug/l 99
14) Carbon Disulfide	2.47	76	76643	10.072	ug/l 100
15) Methylene Chloride	2.69	84	26384	9.460	ug/l 98
16) trans-1,2-Dichloroethene	2.97	96	24516	10.325	ug/l 98
17) 1,1-Dichloroethane	3.43	63	50023	9.742	ug/l 99
18) 2-Butanone	4.27	43	40760	50.458	ug/l 100
19) Cyclohexane	4.98	56	32052	9.853	ug/l 95
20) Methylcyclohexane	6.41	83	38647	11.110	ug/l 96
21) 2,2-Dichloropropane	4.21	77	45572	9.791	ug/l 100
22) cis-1,2-Dichloroethene	4.21	96	26685	10.669	ug/l 93
23) Diethyl Ether	2.09	59	22703	10.700	ug/l 96
24) tert-Butyl Alcohol	2.83	59	26419	99.351	ug/l 99
25) Methyl tert-Butyl Ether	2.99	73	76125	10.621	ug/l 99
26) Bromochloromethane	4.54	128	11684	11.431	ug/l 91
27) Chloroform	4.66	83	53611	10.422	ug/l 98
28) 1,1,1-Trichloroethane	4.90	97	49543	10.305	ug/l 99
29) 1,1-Dichloropropene	5.12	75	36889	10.410	ug/l 97
30) Carbon Tetrachloride	5.12	117	43679	10.393	ug/l 98
31) Isopropyl Ether	3.57	45	73009	9.698	ug/l 99
32) Ethyl-t-butyl ether	4.06	59	69676	10.081	ug/l 97
33) Tert-Amyl methyl ether	5.58	73	62902	10.719	ug/l 98
34) Propionitrile	4.32	54	10711	52.820	ug/l 98
35) Benzene	5.38	78	99704	10.228	ug/l 99
36) 1,2-Dichloroethane	5.40	62	42384	10.504	ug/l 99
37) Trichloroethene	6.18	130	25761	10.496	ug/l 95
38) 1,2-Dichloropropane	6.43	63	27570	10.335	ug/l 99
39) Methacrylonitrile	4.54	41	10493	10.782	ug/l 98
40) Methyl acrylate	4.42	55	14415	10.956	ug/l 97
41) Tetrahydrofuran	4.64	42	9569	21.046	ug/l 98
42) 1-Chlorobutane	5.05	56	54762	10.085	ug/l 97

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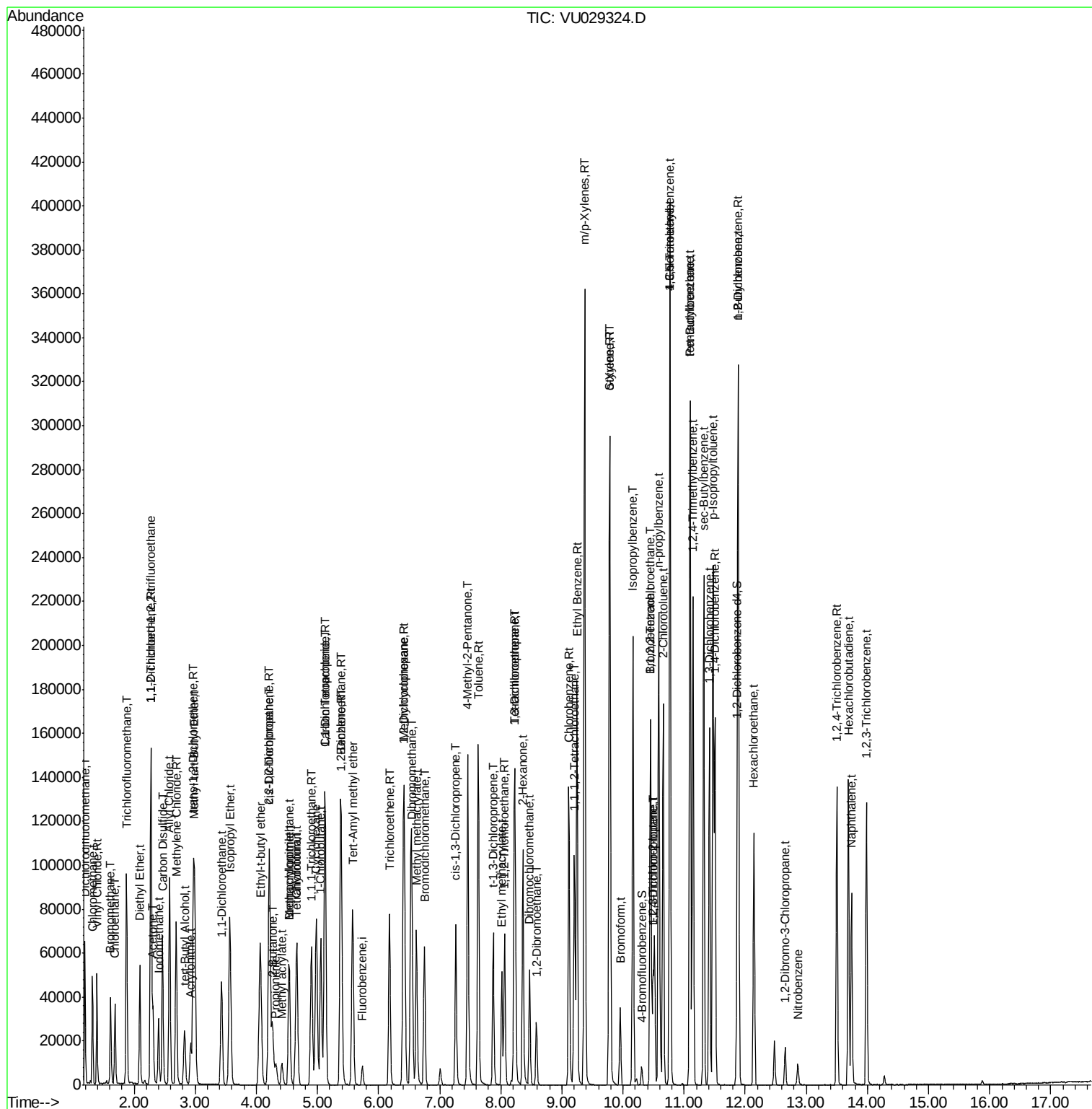
Quant Time: Jan 31 06:29:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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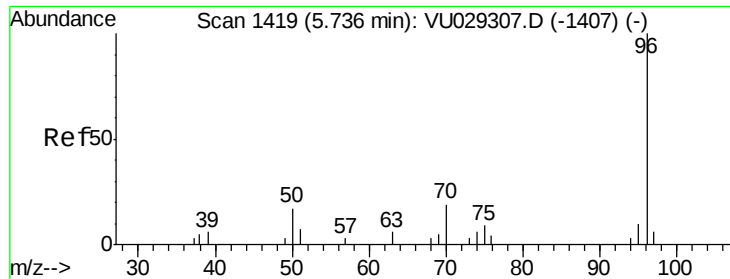
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.55	93	14141	10.628	ug/l	98
44) Bromodichloromethane	6.75	83	40175	10.379	ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	97836	53.161	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	17683	28.497	ug/l	84
47) Methyl methacrylate	6.62	69	25970	23.084	ug/l	93
48) Ethyl methacrylate	8.02	69	24238	11.302	ug/l	98
49) Toluene	7.63	92	61004	10.786	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	36457	11.017	ug/l	95
51) cis-1,3-Dichloropropene	7.26	75	39584	10.841	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	19357	11.099	ug/l	97
53) 1,3-Dichloropropane	8.24	76	34494	10.545	ug/l	97
54) 2-Hexanone	8.36	43	68611	52.683	ug/l	97
55) Dibromochloromethane	8.47	129	25334	10.778	ug/l	98
56) 1,2-Dibromoethane	8.58	107	17898	11.165	ug/l	99
58) Tetrachloroethene	8.22	164	25429	10.916	ug/l	95
59) Chlorobenzene	9.12	112	66094	10.749	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.21	131	27135	10.691	ug/l	97
61) Pentachloroethane	11.10	117	20035	10.250	ug/l	94
62) Hexachloroethane	12.14	117	20721	11.031	ug/l	100
63) Ethyl Benzene	9.25	91	121771	11.330	ug/l	100
64) m/p-Xylenes	9.37	106	94857	23.492	ug/l	97
65) o-Xylene	9.78	106	45037	11.632	ug/l	97
66) Styrene	9.79	104	79637	11.936	ug/l	98
67) Bromoform	9.95	173	15064	11.081	ug/l	100
69) Isopropylbenzene	10.16	105	121656	11.353	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	24519	10.520	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	17683	8.938	ug/l #	88
72) Bromobenzene	10.45	156	29787	11.267	ug/l	96
73) n-propylbenzene	10.58	120	33434	11.598	ug/l	99
74) 2-Chlorotoluene	10.66	126	29439	11.721	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	111278	11.720	ug/l	100
76) 4-Chlorotoluene	10.77	126	30685	11.515	ug/l	99
77) tert-Butylbenzene	11.10	119	105727	11.590	ug/l	98
78) 1,2,4-Trimethylbenzene	11.14	105	114462	11.830	ug/l	100
79) sec-Butylbenzene	11.32	105	138543	11.604	ug/l	99
80) Nitrobenzene	12.86	77	5932	50.331	ug/l	98
81) p-Isopropyltoluene	11.47	119	121774	12.061	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	61024	11.131	ug/l	98
83) 1,4-Dichlorobenzene	11.50	146	60713	10.993	ug/l	99
84) n-Butylbenzene	11.89	91	113815	11.599	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	56499	11.386	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	4716	11.023	ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	39279	11.705	ug/l	99
88) Hexachlorobutadiene	13.69	225	25047	11.700	ug/l	100
89) Naphthalene	13.74	128	66827	12.401	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	38061	12.194	ug/l	96

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

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.73 min Scan# 1418

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 96 Resp: 7643

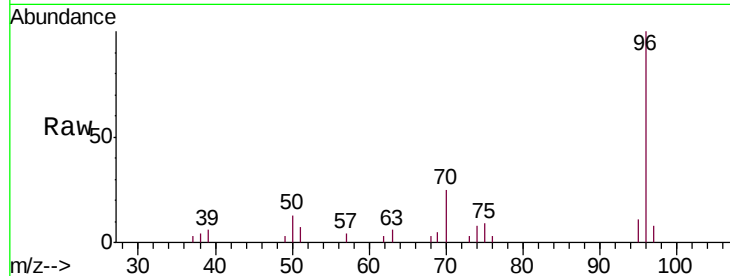
Ion Ratio Lower Upper

96 100

70 23.1 16.2 24.2

95 8.8 7.4 11.2

97 0.0 0.0 0.0

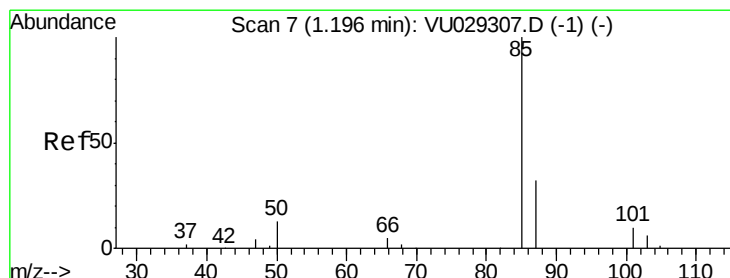
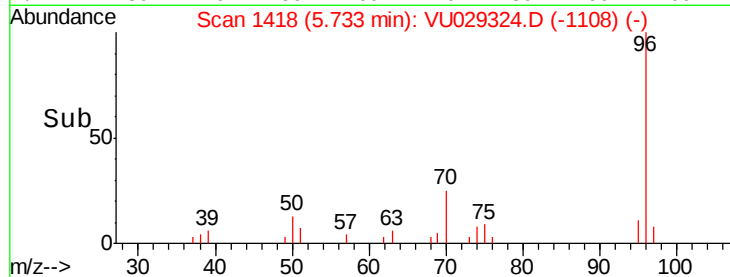
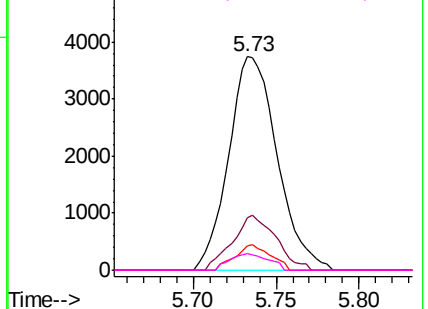


Abundance Ion 96.00 (95.70 to 96.70): VU029307.D (-1407) (-)

Ion 70.00 (69.70 to 70.70): VU029307.D (-1407) (-)

Ion 95.00 (94.70 to 95.70): VU029307.D (-1407) (-)

Ion 97.00 (96.70 to 97.70): VU029307.D (-1407) (-)



#2

Dichlorodifluoromethane

Concen: 9.873 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VU029324.D

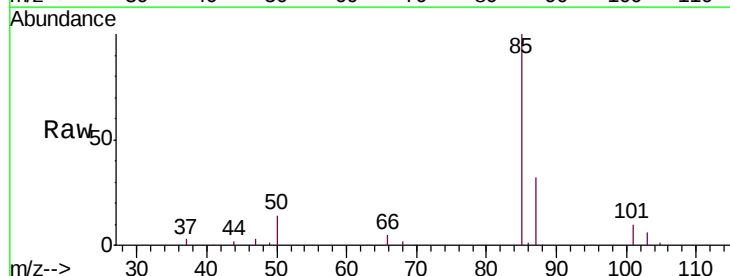
Acq: 30 Jan 2019 18:56

Tgt Ion: 85 Resp: 34820

Ion Ratio Lower Upper

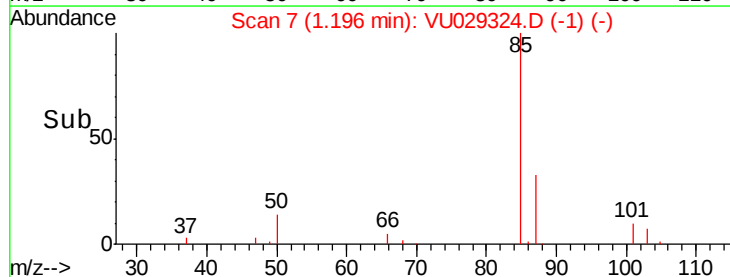
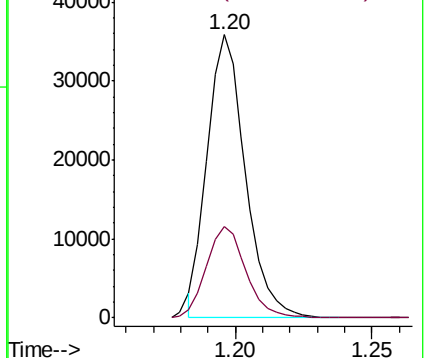
85 100

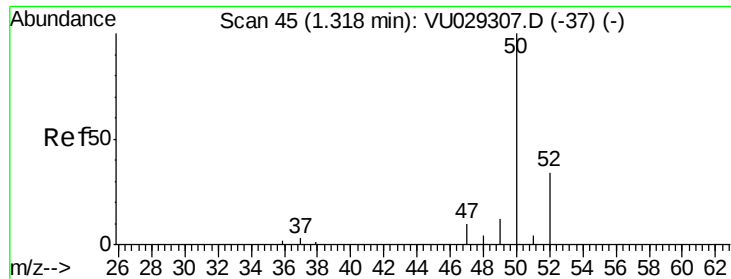
87 32.5 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU029307.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU029307.D (-1) (-)





#3

Chloromethane

Concen: 9.948 ug/l

RT: 1.32 min Scan# 45

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

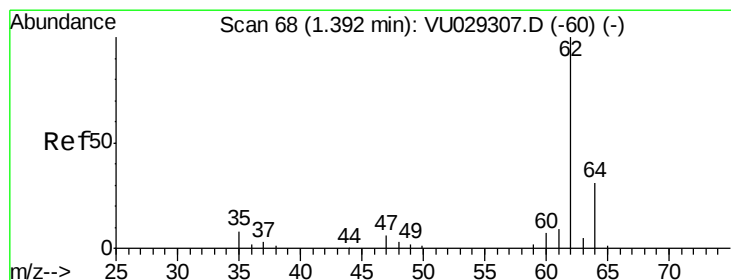
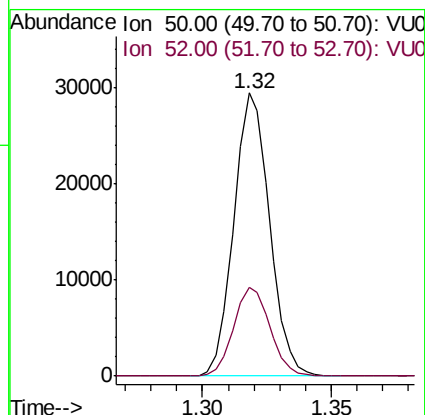
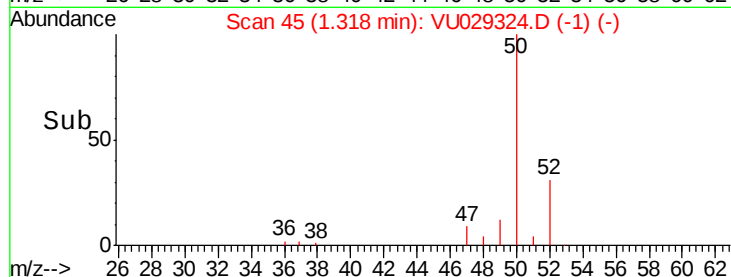
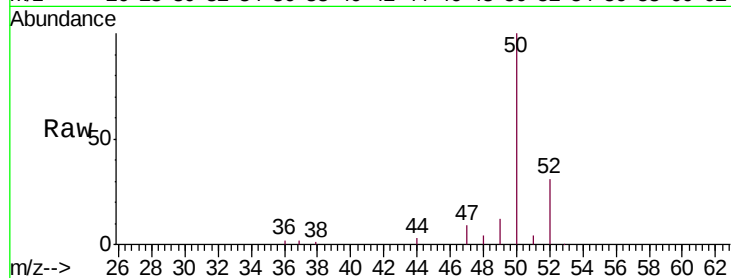
VSTDCCC010EC

Tgt Ion: 50 Resp: 28403

Ion Ratio Lower Upper

50 100

52 31.4 27.3 40.9



#4

Vinyl Chloride

Concen: 9.845 ug/l

RT: 1.39 min Scan# 68

Delta R.T. -0.00 min

Lab File: VU029324.D

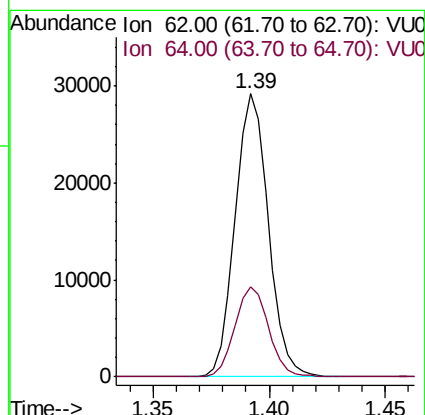
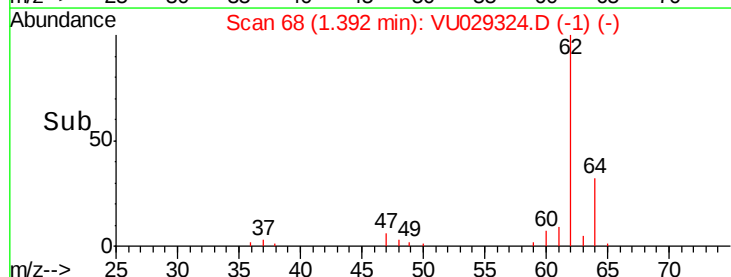
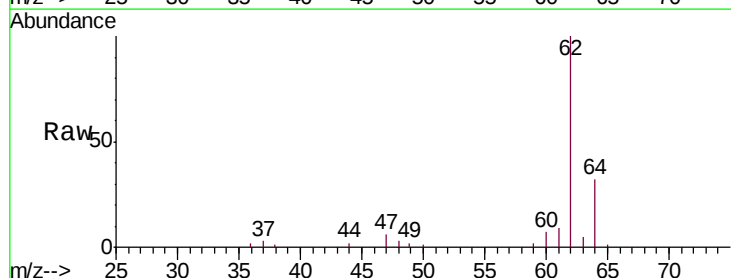
Acq: 30 Jan 2019 18:56

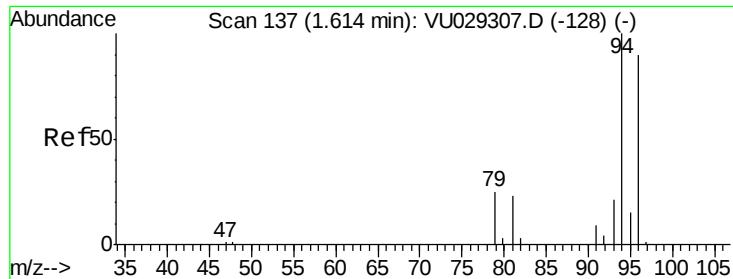
Tgt Ion: 62 Resp: 28982

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8

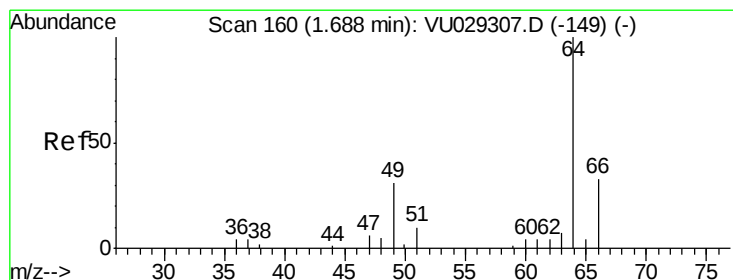
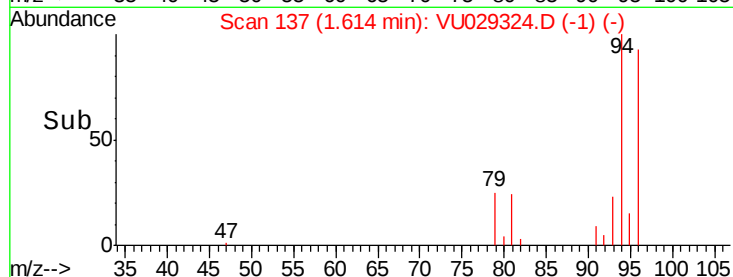
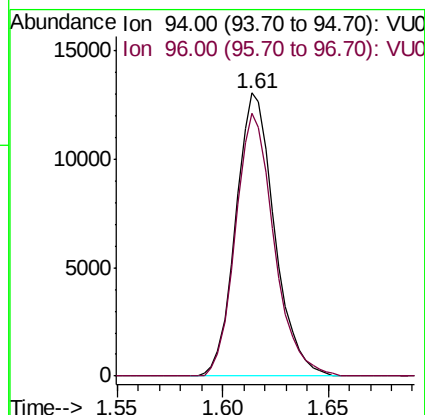
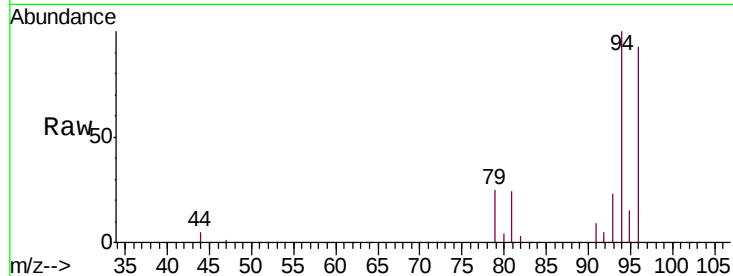




#5
Bromomethane
Concen: 9.004 ug/l
RT: 1.61 min Scan# 137
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

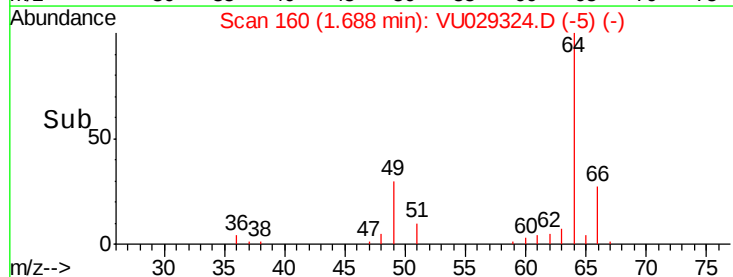
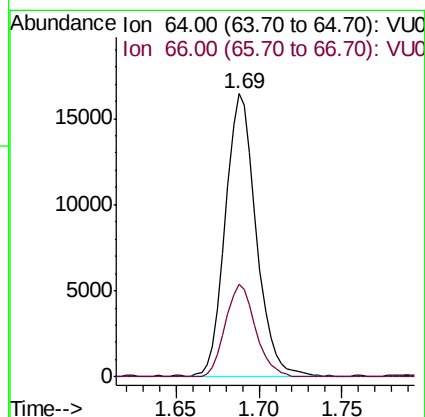
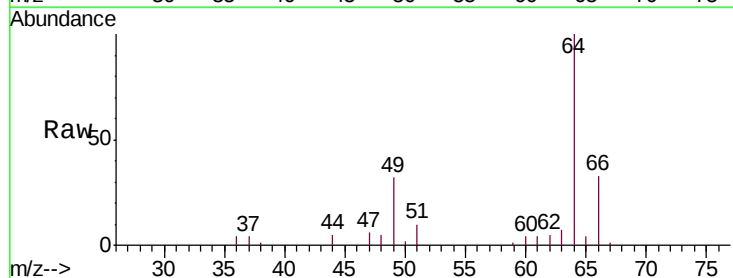
Instrument :
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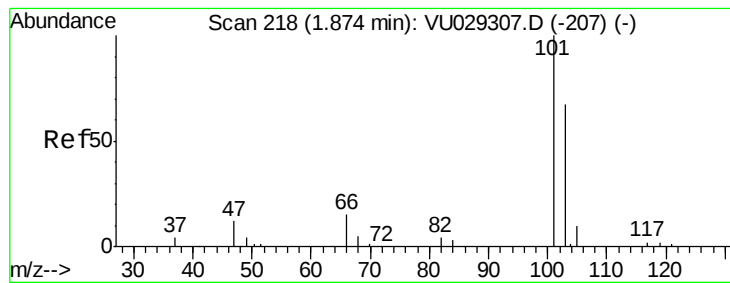
Tgt Ion: 94 Resp: 16616
Ion Ratio Lower Upper
94 100
96 92.7 71.7 107.5



#6
Chloroethane
Concen: 10.338 ug/l
RT: 1.69 min Scan# 160
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Tgt Ion: 64 Resp: 21322
Ion Ratio Lower Upper
64 100
66 32.7 26.3 39.5



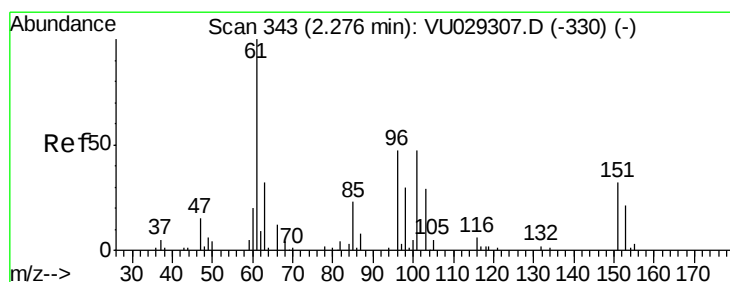
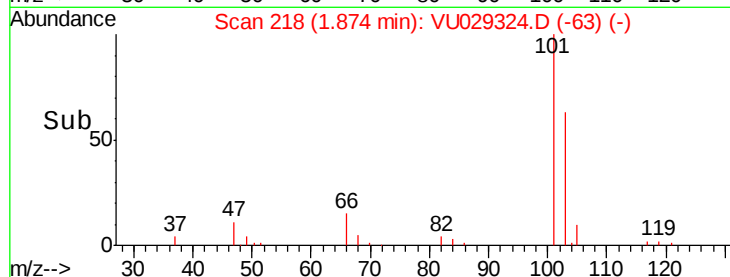
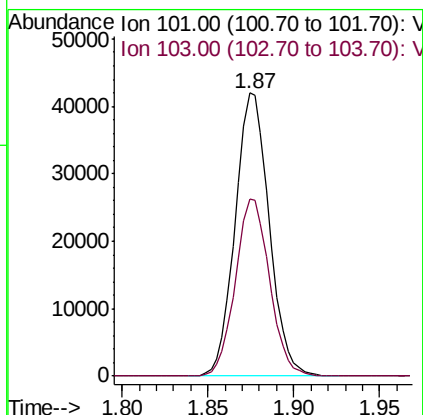
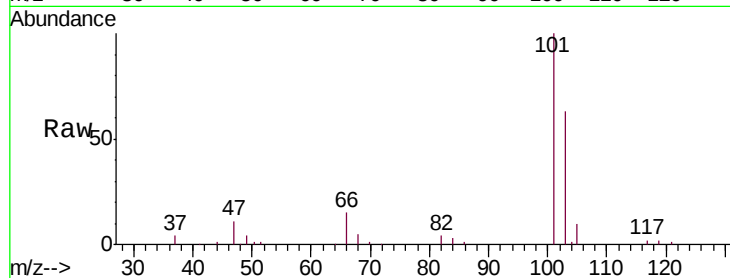


#7

Trichlorofluoromethane
 Concen: 10.570 ug/l
 RT: 1.87 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VU029324.D
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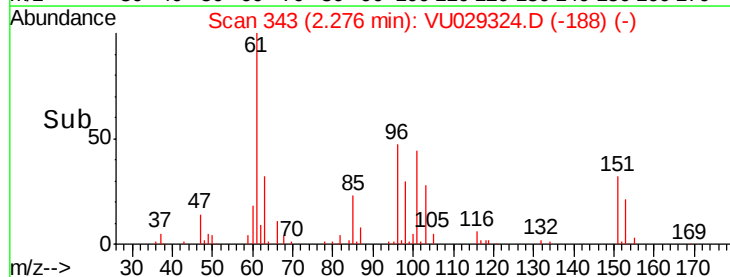
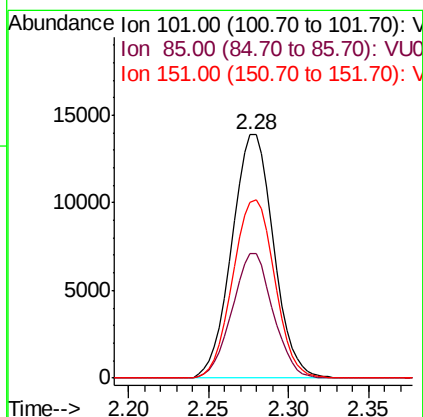
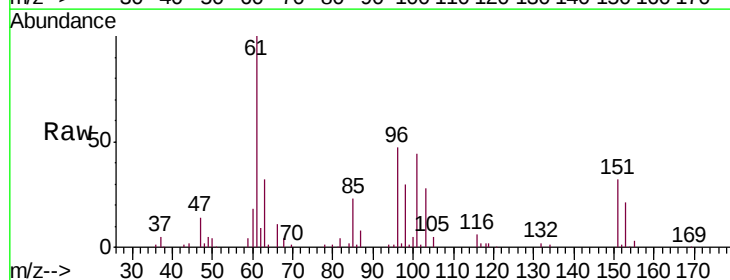
Tgt Ion:101 Resp: 57648
 Ion Ratio Lower Upper
 101 100
 103 62.7 53.9 80.9

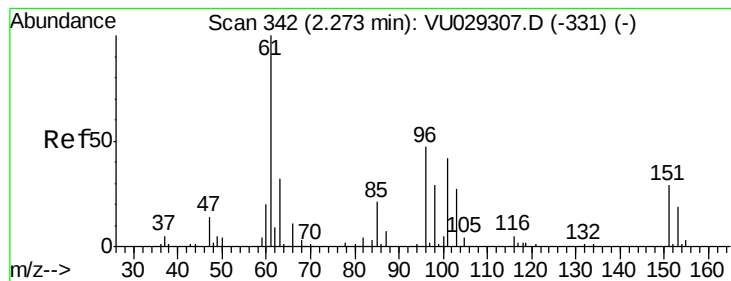


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.834 ug/l
 RT: 2.28 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Tgt Ion:101 Resp: 24708
 Ion Ratio Lower Upper
 101 100
 85 50.0 40.3 60.5
 151 73.5 58.1 87.1





#9

1,1-Dichloroethene

Concen: 10.618 ug/l

RT: 2.27 min Scan# 342

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

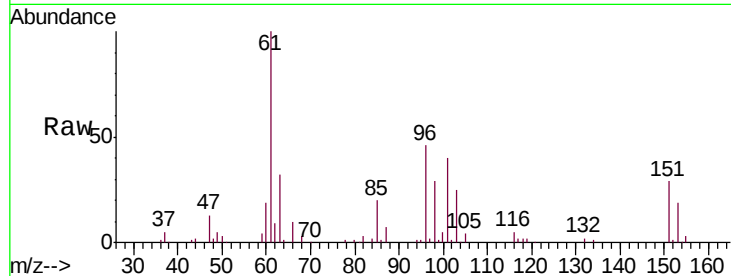
Tgt Ion: 96 Resp: 22420

Ion Ratio Lower Upper

96 100

61 215.5 0.0 641.4

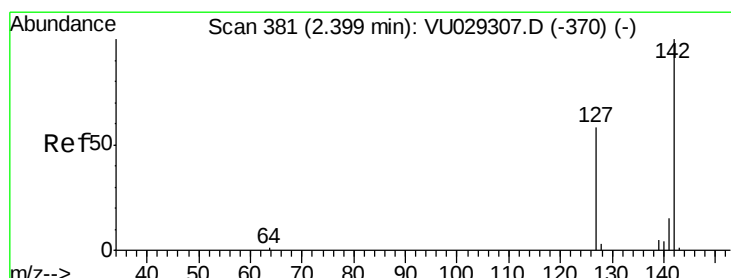
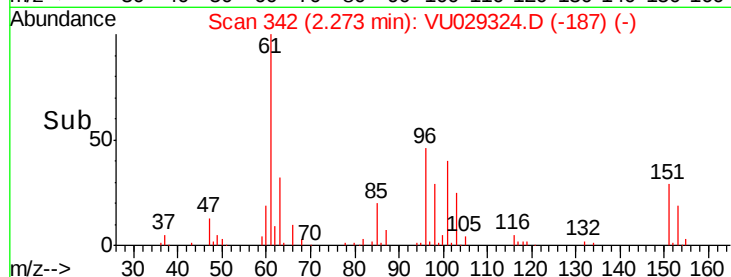
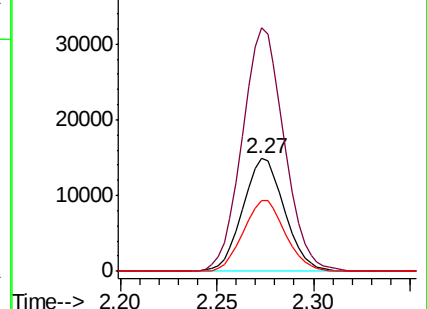
98 62.8 0.0 122.6



Abundance Ion 96.00 (95.70 to 96.70): VU029324.D (-187) (-)

Ion 61.00 (60.70 to 61.70): VU029324.D (-187) (-)

Ion 98.00 (97.70 to 98.70): VU029324.D (-187) (-)



#10

Iodomethane

Concen: 10.776 ug/l

RT: 2.40 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU029324.D

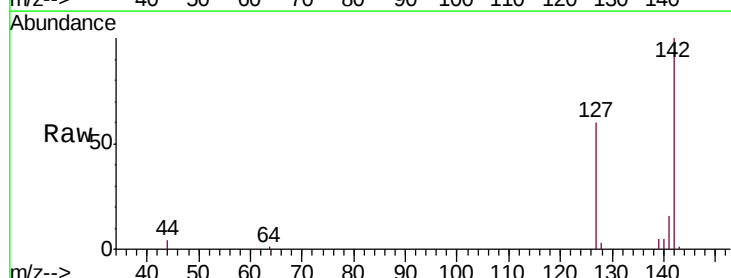
Acq: 30 Jan 2019 18:56

Tgt Ion: 142 Resp: 25367

Ion Ratio Lower Upper

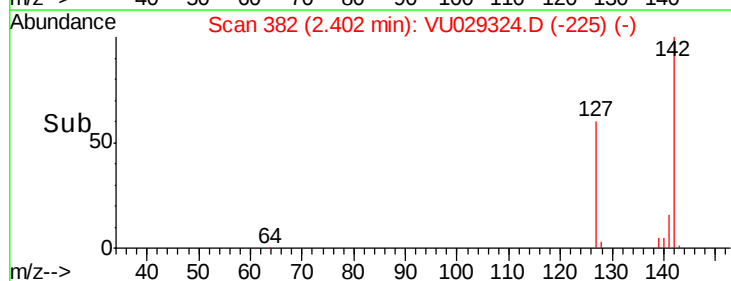
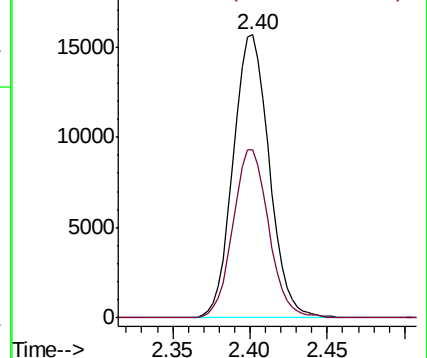
142 100

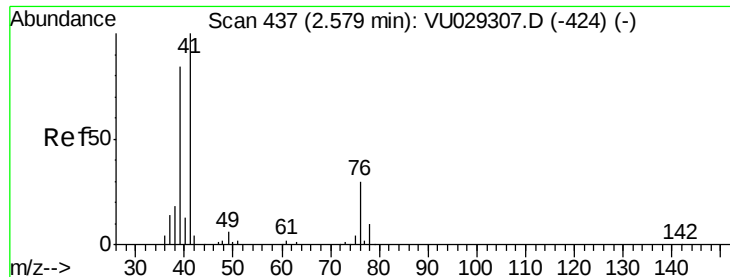
127 59.1 47.6 71.4



Abundance Ion 142.00 (141.70 to 142.70): VU029324.D (-225) (-)

Ion 127.00 (126.70 to 127.70): VU029324.D (-225) (-)

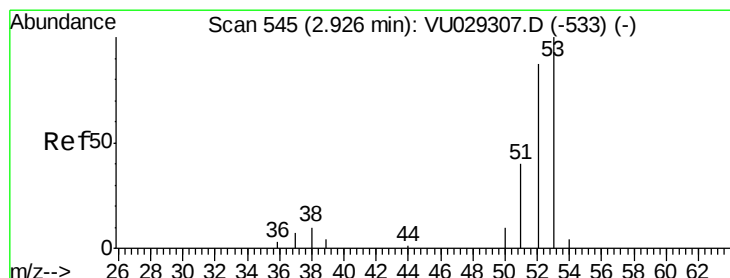
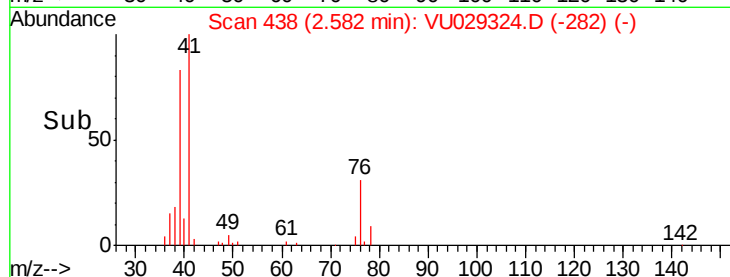
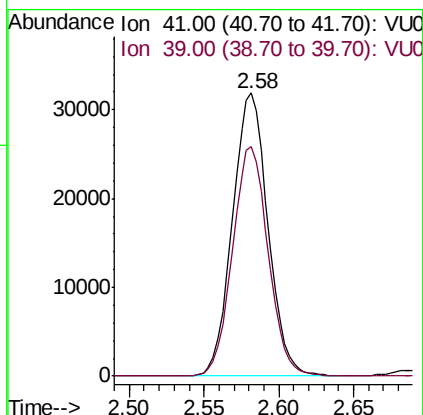
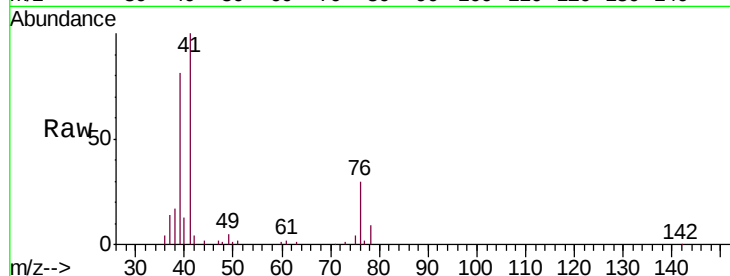




#11
 Allyl Chloride
 Concen: 10.543 ug/l
 RT: 2.58 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

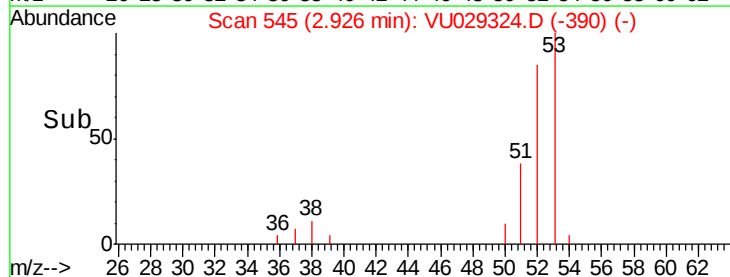
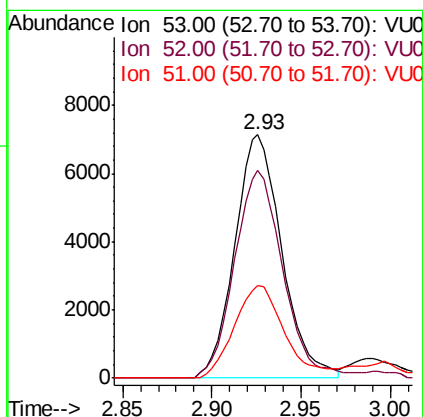
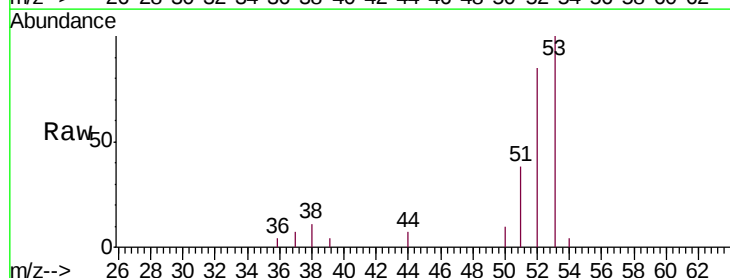
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

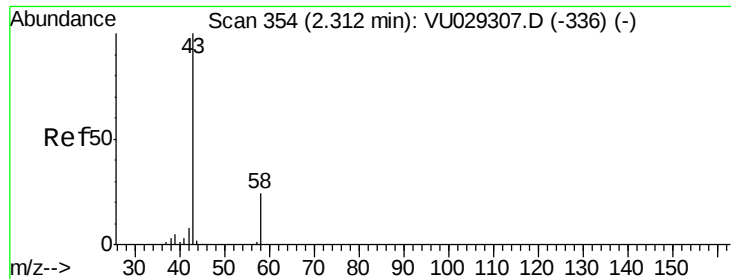
Tgt Ion: 41 Resp: 52646
 Ion Ratio Lower Upper
 41 100
 39 81.4 67.2 100.8



#12
 Acrylonitrile
 Concen: 20.618 ug/l
 RT: 2.93 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Tgt Ion: 53 Resp: 13102
 Ion Ratio Lower Upper
 53 100
 52 87.3 67.6 101.4
 51 40.6 31.0 46.4





#13

Acetone

Concen: 45.823 ug/l

RT: 2.31 min Scan# 354

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

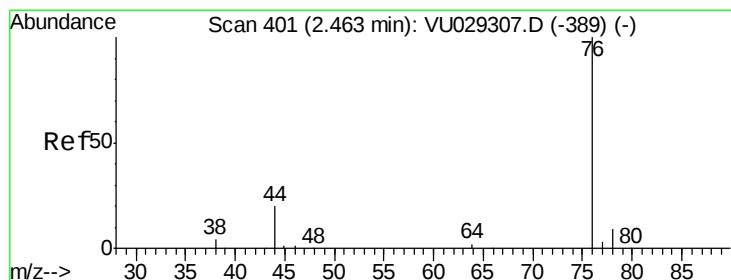
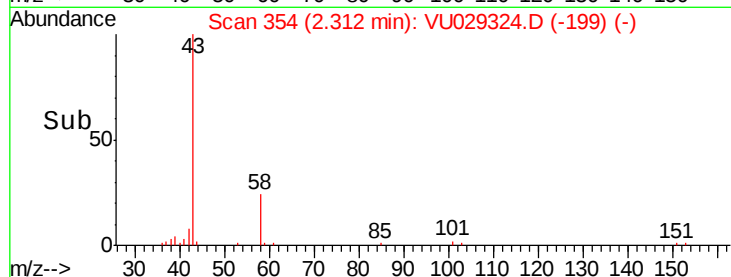
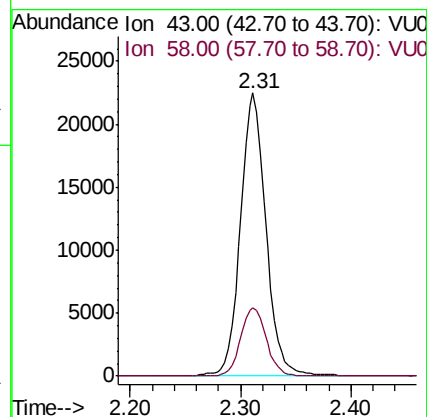
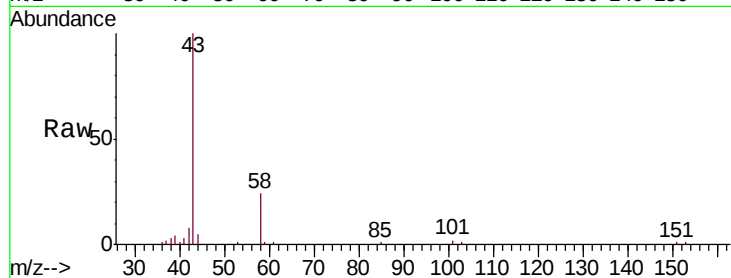
VSTDCCC010EC

Tgt Ion: 43 Resp: 36053

Ion Ratio Lower Upper

43 100

58 24.3 19.2 28.8



#14

Carbon Disulfide

Concen: 10.072 ug/l

RT: 2.47 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU029324.D

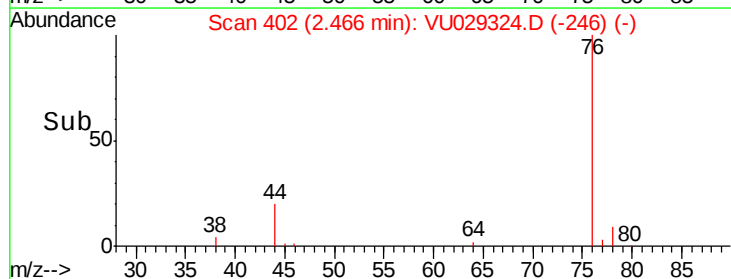
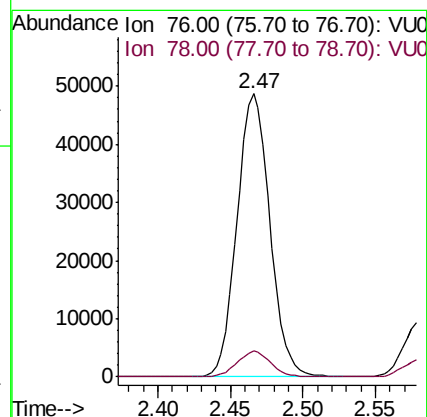
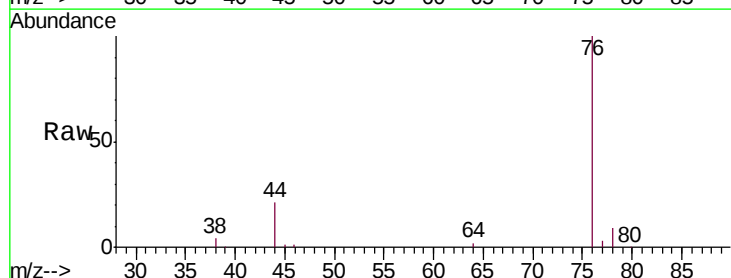
Acq: 30 Jan 2019 18:56

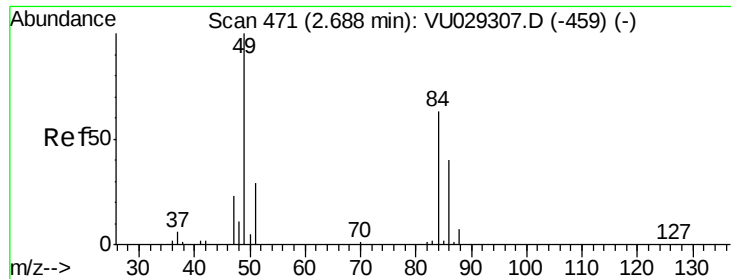
Tgt Ion: 76 Resp: 76643

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

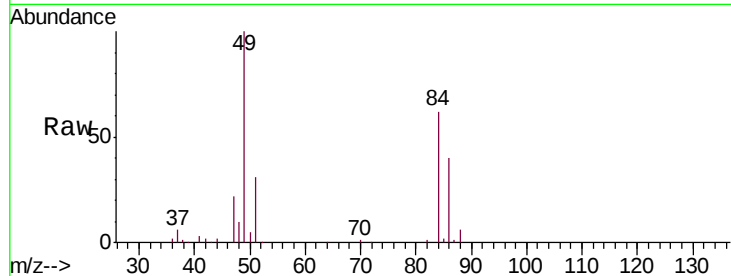




#15
Methylene Chloride
Concen: 9.460 ug/l
RT: 2.69 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	84	Resp:	26384
Ion	Ratio	Lower	Upper
84	100		
49	161.5	127.0	190.6
51	49.4	0.0	93.4
86	64.0	50.6	75.8



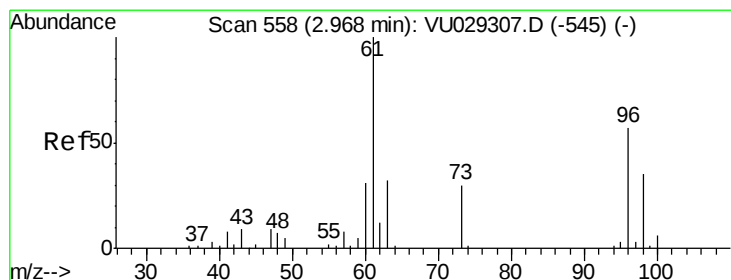
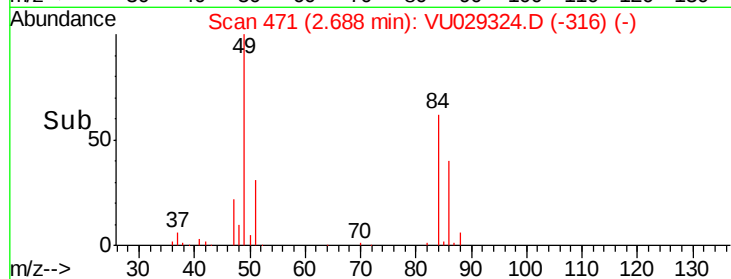
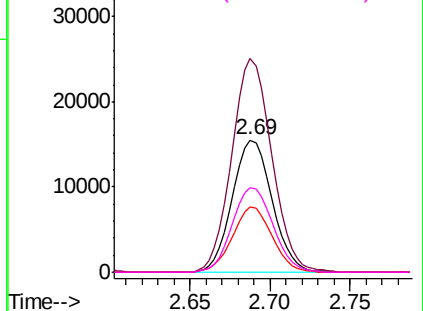
Abundance

Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

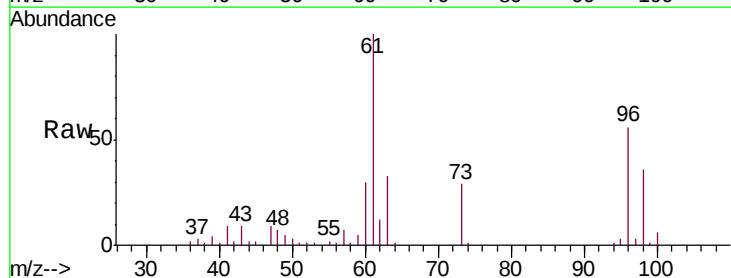
Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16
trans-1,2-Dichloroethene
Concen: 10.325 ug/l
RT: 2.97 min Scan# 558
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Tgt Ion:	96	Resp:	24516
Ion	Ratio	Lower	Upper
96	100		
61	178.1	140.6	210.8
98	64.0	49.3	73.9

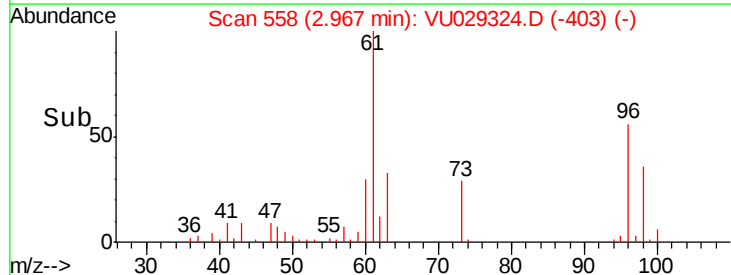
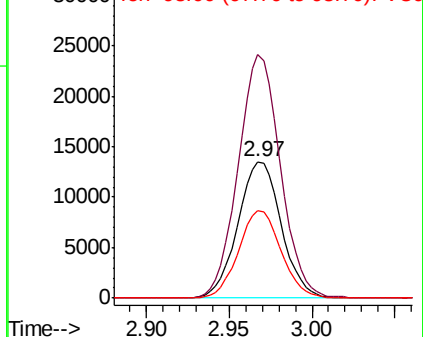


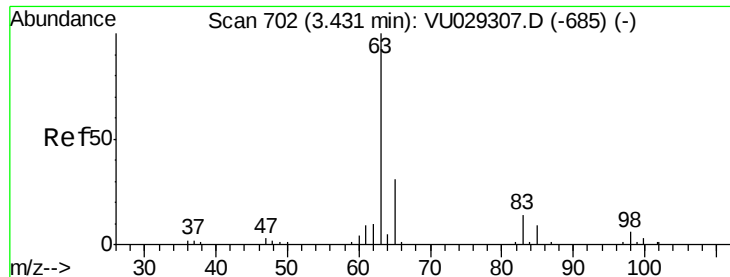
Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

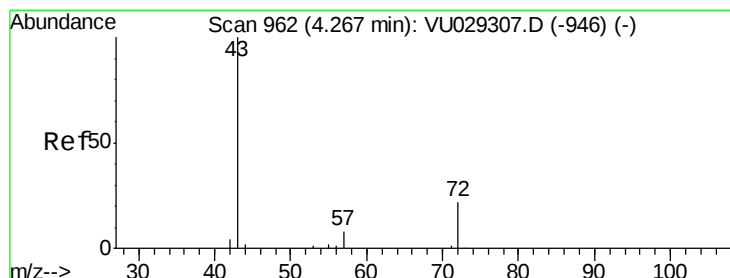
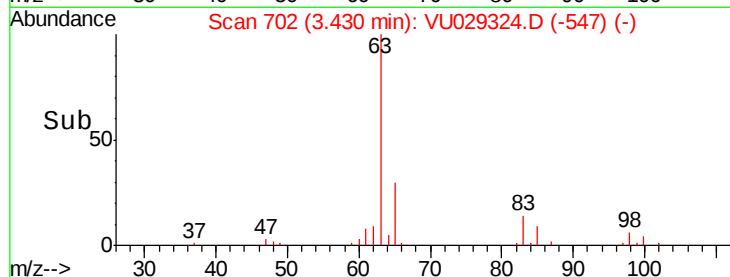
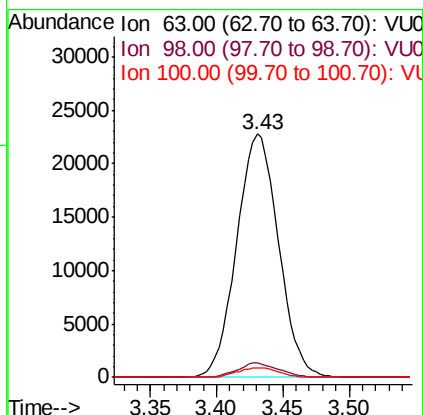
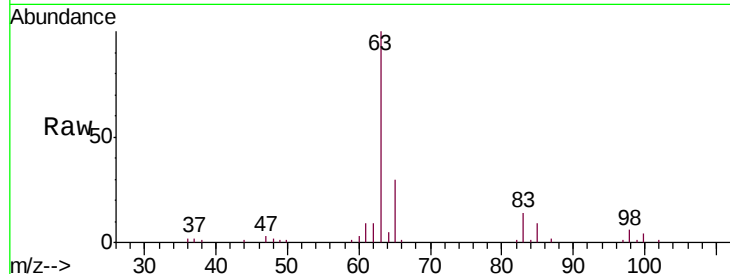




#17
 1,1-Dichloroethane
 Concen: 9.742 ug/l
 RT: 3.43 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

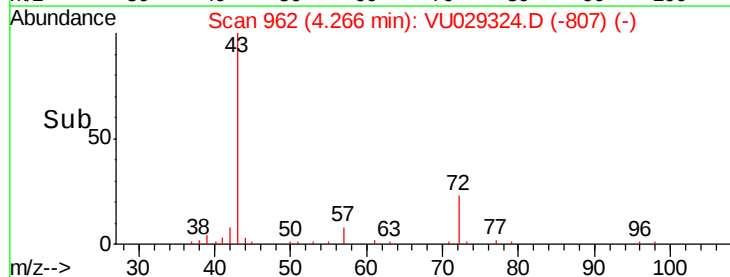
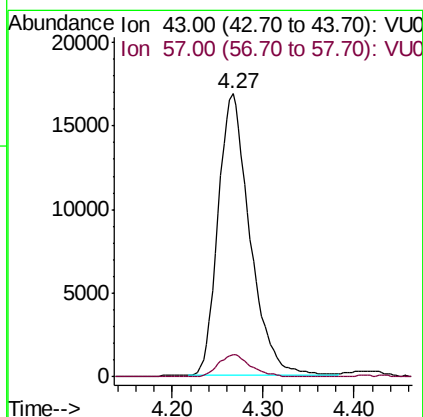
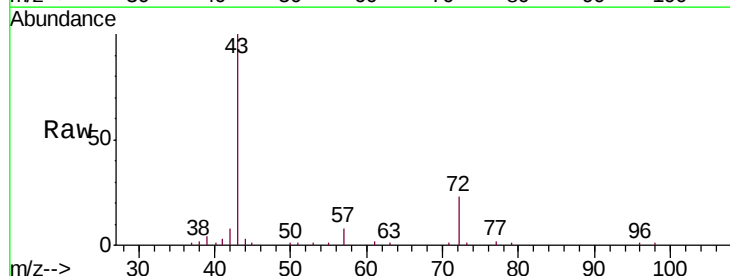
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

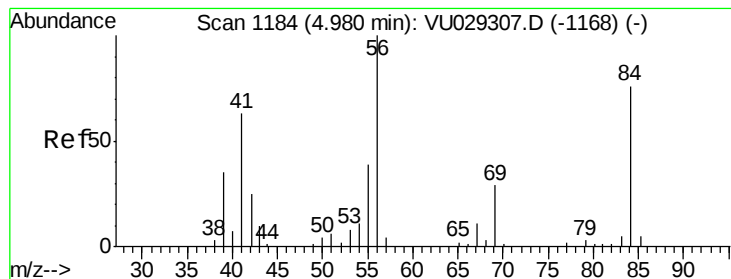
Tgt Ion: 63 Resp: 50023
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.8
 100 3.7 1.7 5.1



#18
 2-Butanone
 Concen: 50.458 ug/l
 RT: 4.27 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Tgt Ion: 43 Resp: 40760
 Ion Ratio Lower Upper
 43 100
 57 8.0 0.0 15.8





#19

Cyclohexane

Concen: 9.853 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

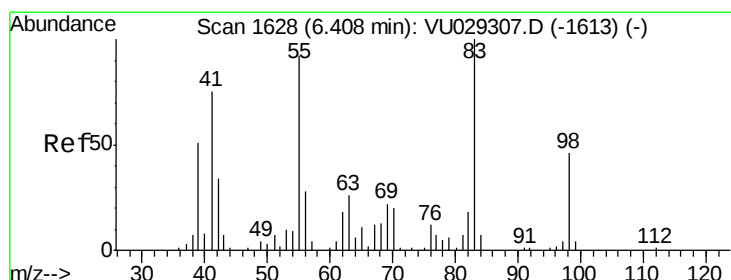
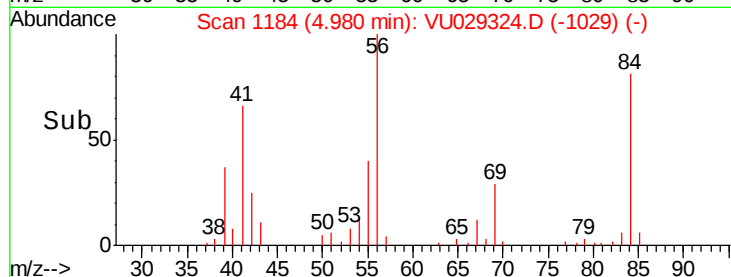
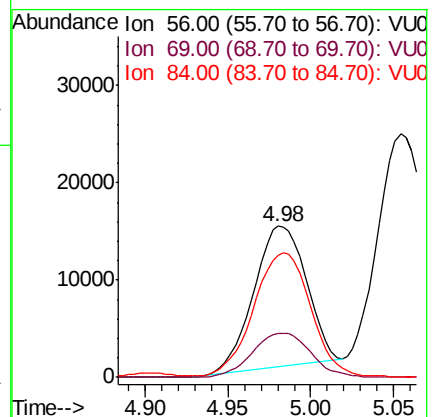
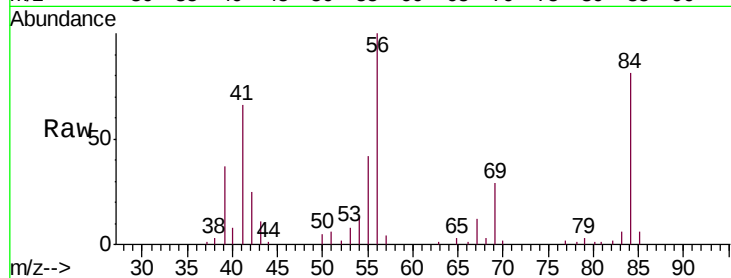
Tgt Ion: 56 Resp: 32052

Ion Ratio Lower Upper

56 100

69 34.8 26.8 40.2

84 95.3 71.5 107.3



#20

Methylcyclohexane

Concen: 11.110 ug/l

RT: 6.41 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

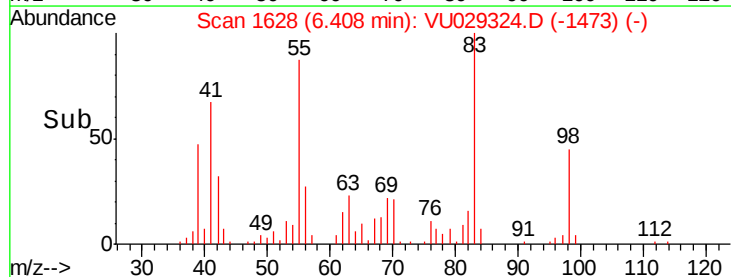
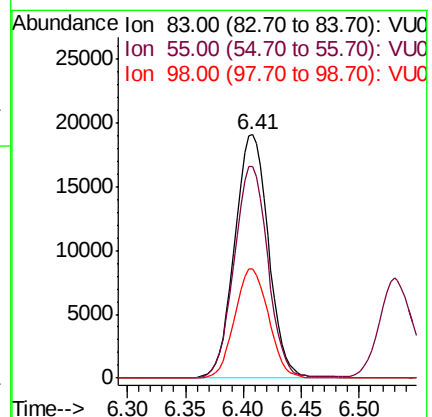
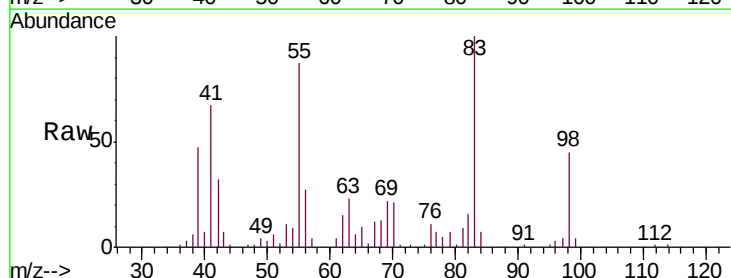
Tgt Ion: 83 Resp: 38647

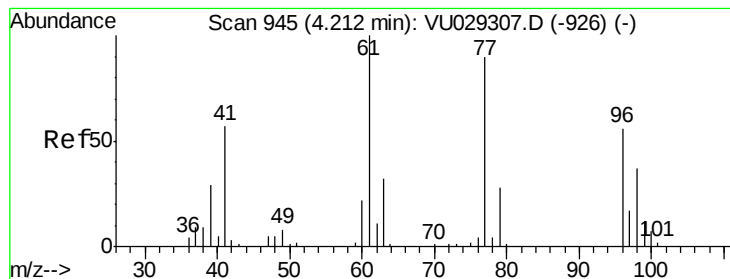
Ion Ratio Lower Upper

83 100

55 85.8 72.4 108.6

98 44.7 36.6 54.8





#21

2,2-Dichloropropane

Concen: 9.791 ug/l

RT: 4.21 min Scan# 946

Delta R.T. 0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

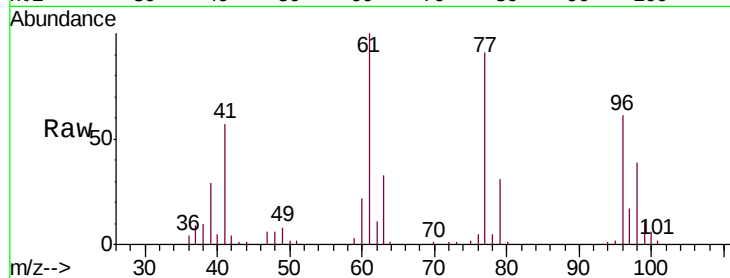
VSTDCCC010EC

Tgt Ion: 77 Resp: 45572

Ion Ratio Lower Upper

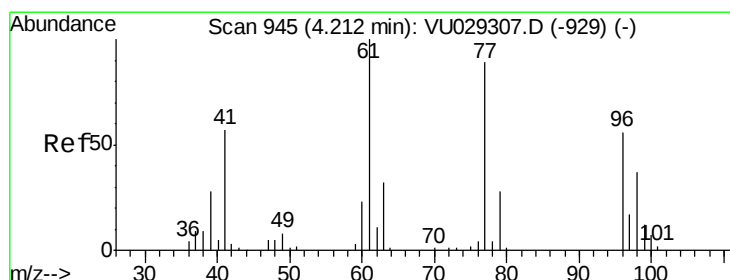
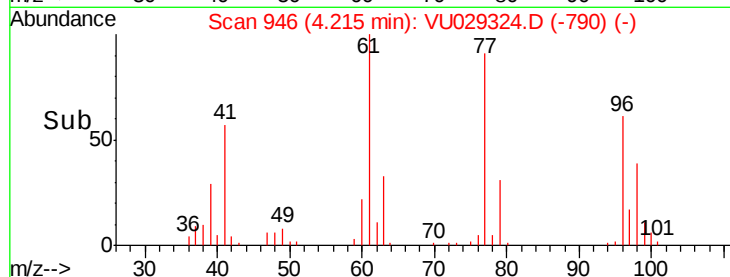
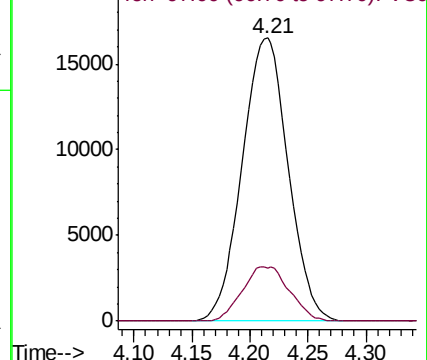
77 100

97 19.6 15.6 23.4



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 10.669 ug/l

RT: 4.21 min Scan# 945

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

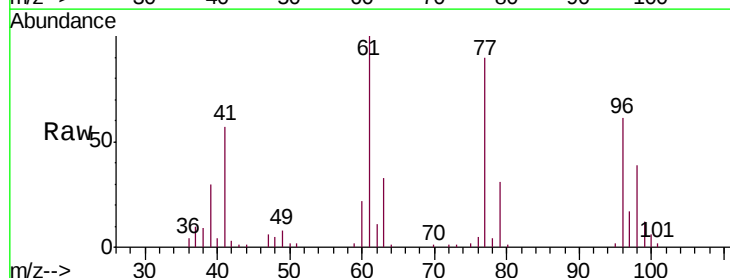
Tgt Ion: 96 Resp: 26685

Ion Ratio Lower Upper

96 100

61 170.8 0.0 460.0

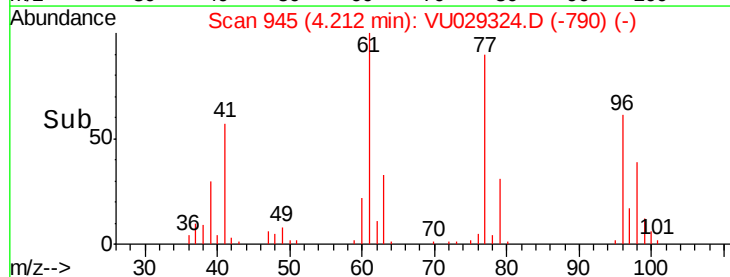
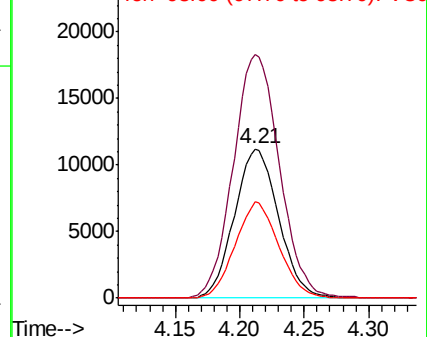
98 63.6 32.6 97.7

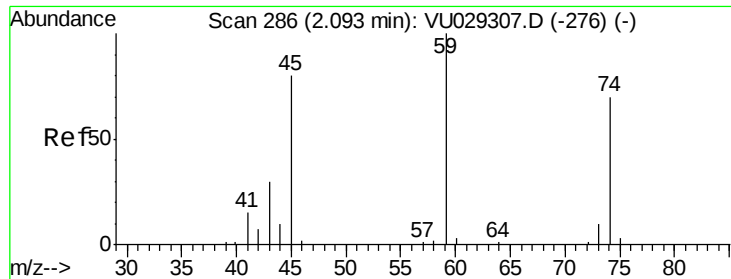


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 10.700 ug/l

RT: 2.09 min Scan# 286

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

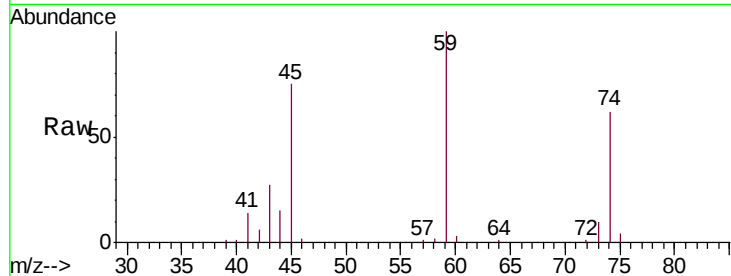
Tgt Ion: 59 Resp: 22703

Ion Ratio Lower Upper

59 100

45 79.0 64.2 96.4

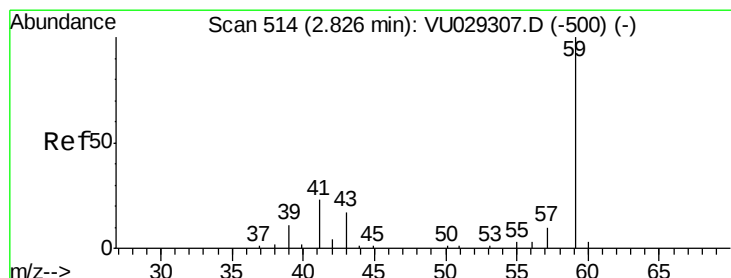
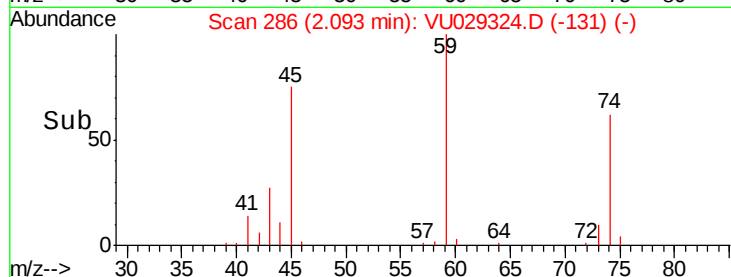
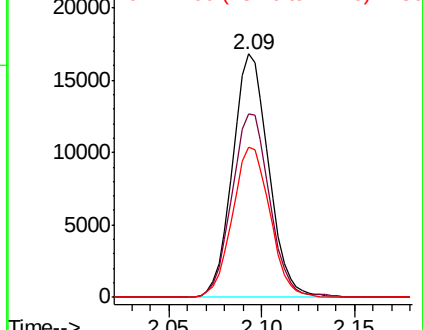
74 64.0 55.3 82.9



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 99.351 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU029324.D

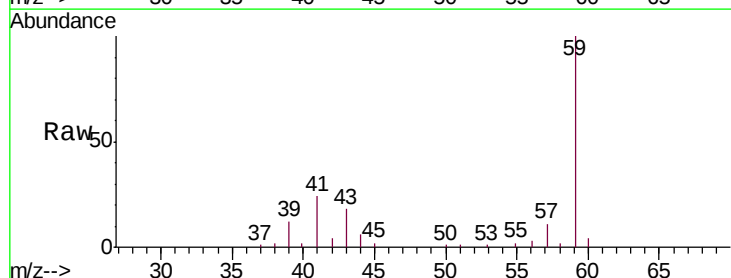
Acq: 30 Jan 2019 18:56

Tgt Ion: 59 Resp: 26419

Ion Ratio Lower Upper

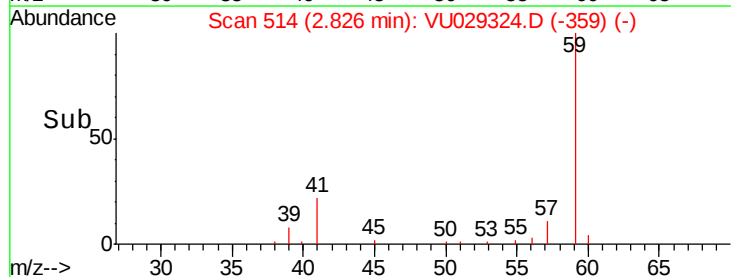
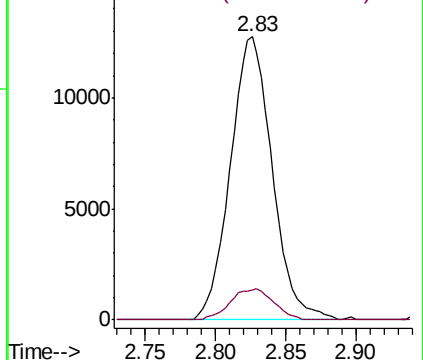
59 100

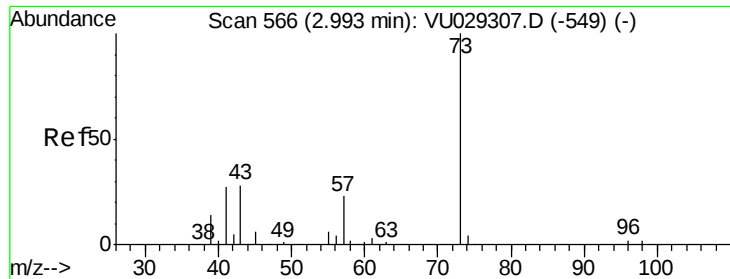
57 11.3 8.8 13.2



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



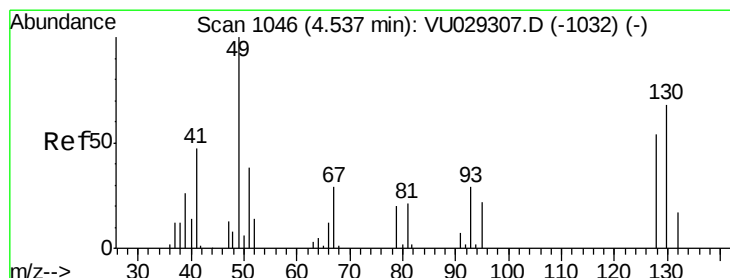
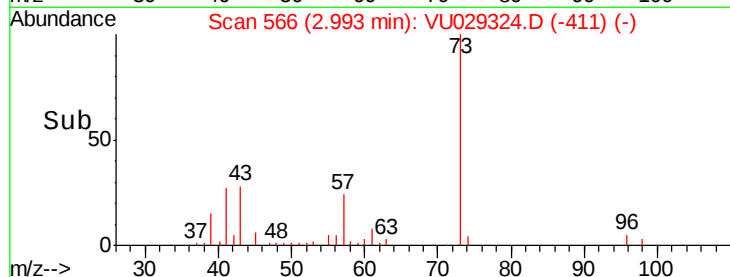
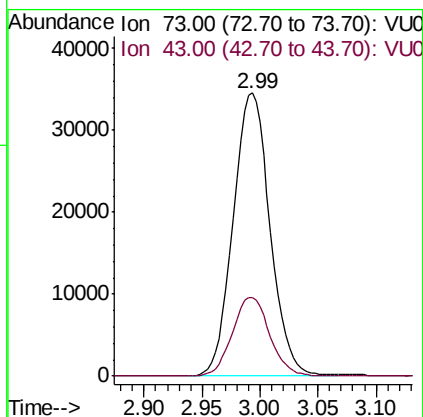
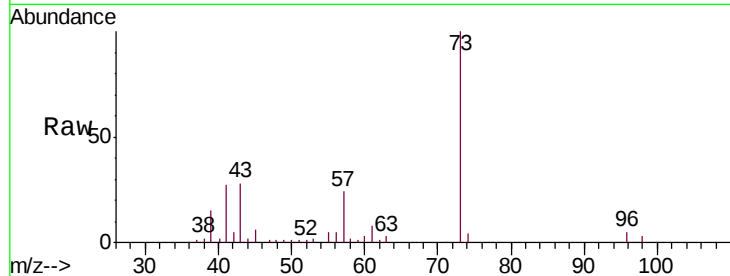


#25

Methyl tert-Butyl Ether
 Concen: 10.621 ug/l
 RT: 2.99 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

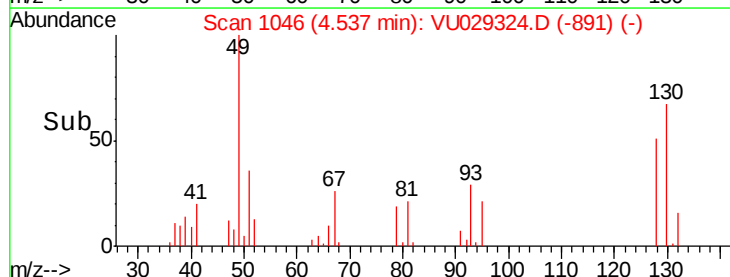
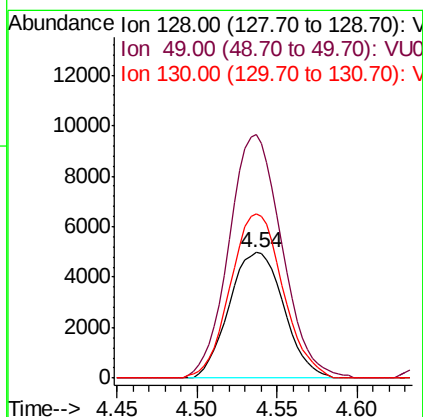
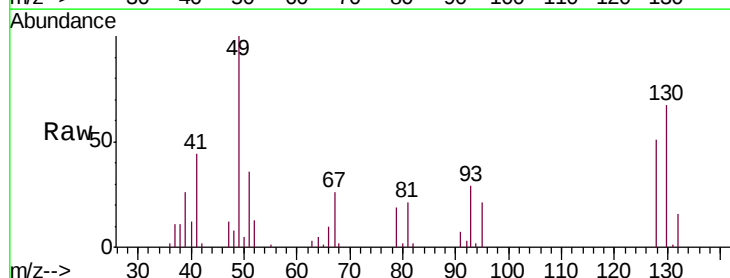
Tgt Ion: 73 Resp: 76125
 Ion Ratio Lower Upper
 73 100
 43 28.3 22.1 33.1

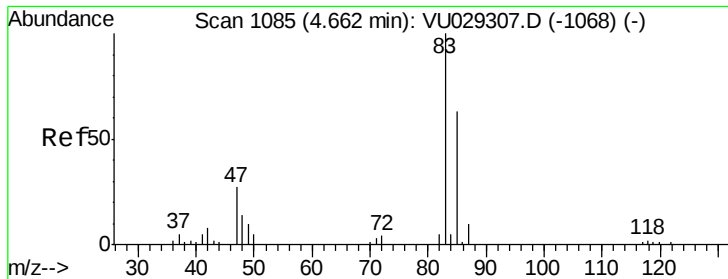


#26

Bromochloromethane
 Concen: 11.431 ug/l
 RT: 4.54 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Tgt Ion: 128 Resp: 11684
 Ion Ratio Lower Upper
 128 100
 49 187.1 0.0 401.6
 130 125.5 108.0 162.0





#27

Chloroform

Concen: 10.422 ug/l

RT: 4.66 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

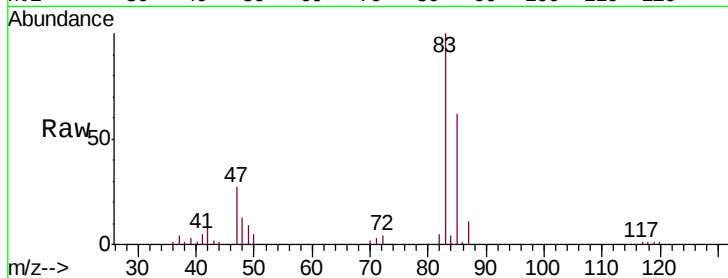
VSTDCCC010EC

Tgt Ion: 83 Resp: 53611

Ion Ratio Lower Upper

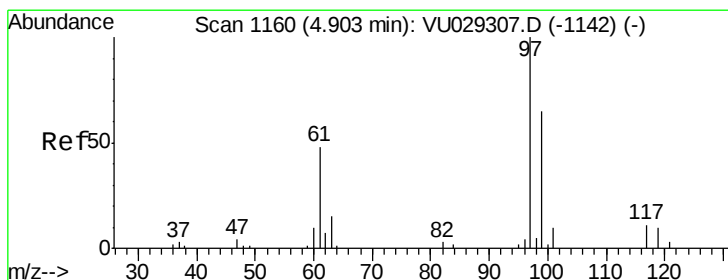
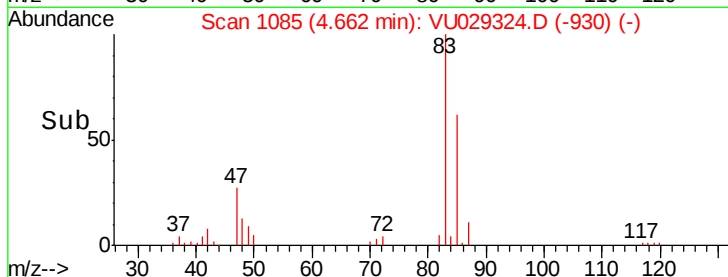
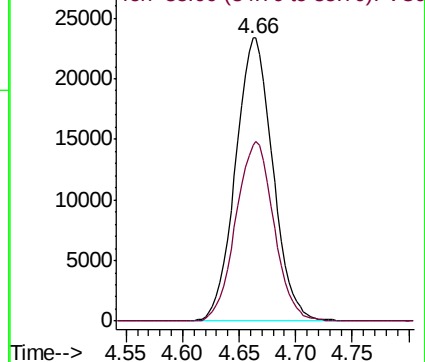
83 100

85 62.0 0.0 126.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 10.305 ug/l

RT: 4.90 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

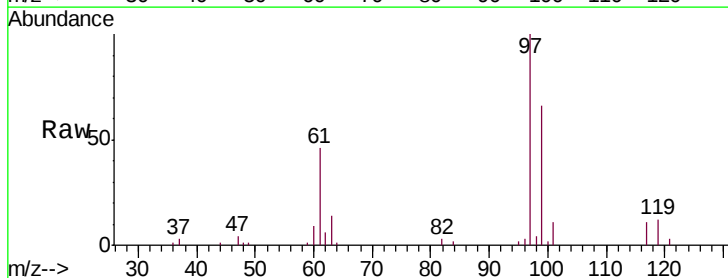
Tgt Ion: 97 Resp: 49543

Ion Ratio Lower Upper

97 100

99 64.5 32.4 97.2

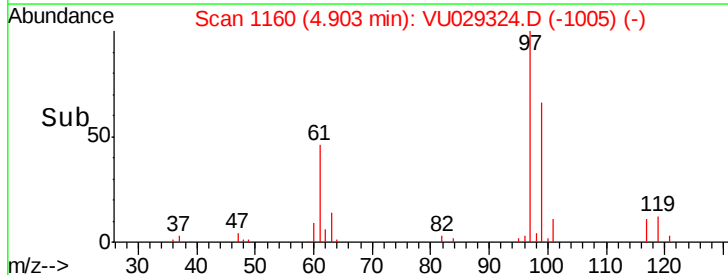
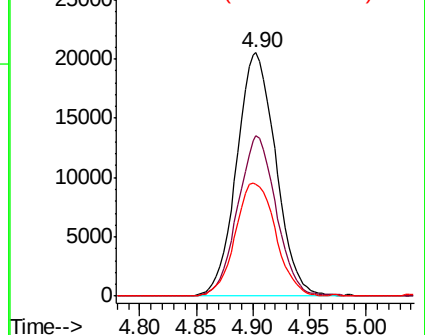
61 47.8 24.4 73.2

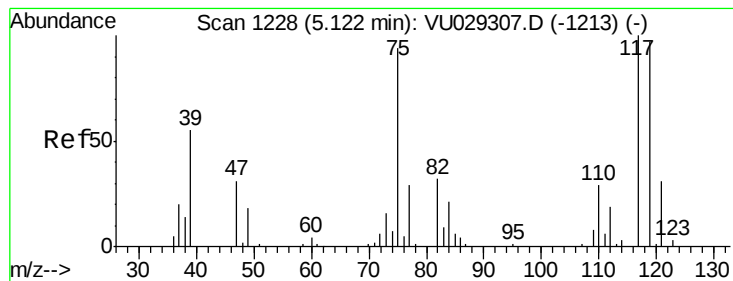


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 10.410 ug/l

RT: 5.12 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

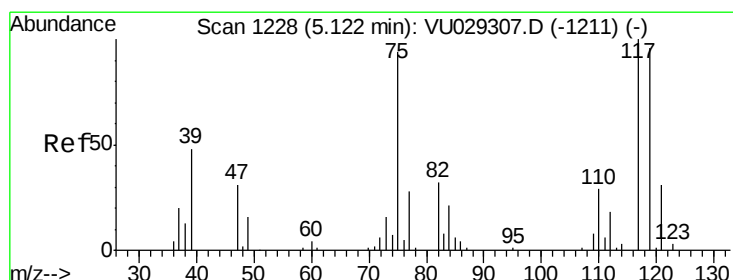
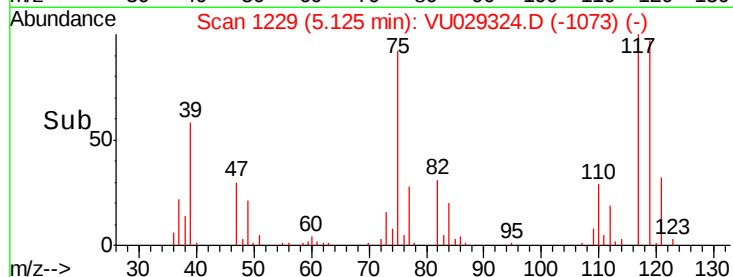
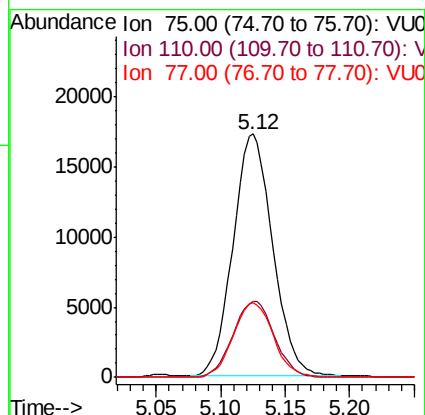
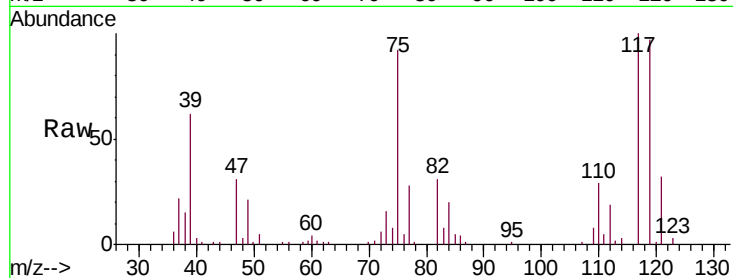
Tgt Ion: 75 Resp: 36889

Ion Ratio Lower Upper

75 100

110 32.7 15.4 46.2

77 31.1 24.1 36.1



#30

Carbon Tetrachloride

Concen: 10.393 ug/l

RT: 5.12 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

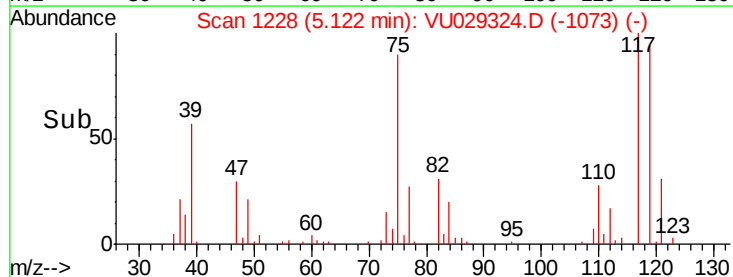
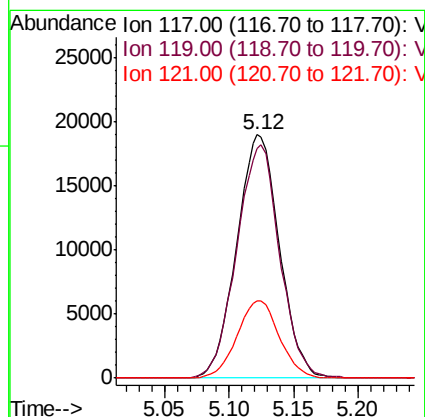
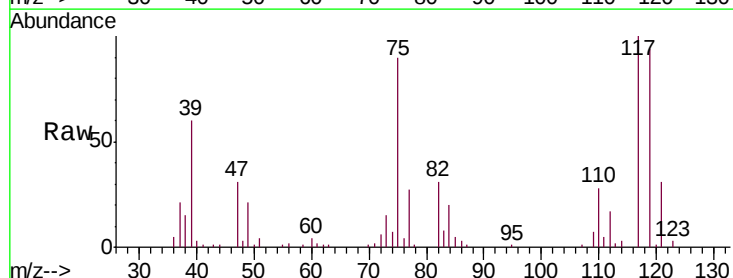
Tgt Ion: 117 Resp: 43679

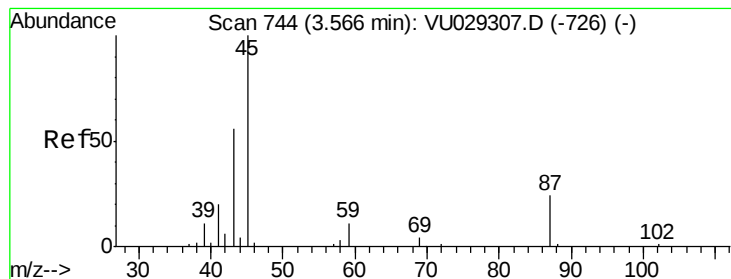
Ion Ratio Lower Upper

117 100

119 94.0 76.8 115.2

121 31.5 24.4 36.6





#31

Isopropyl Ether

Concen: 9.698 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

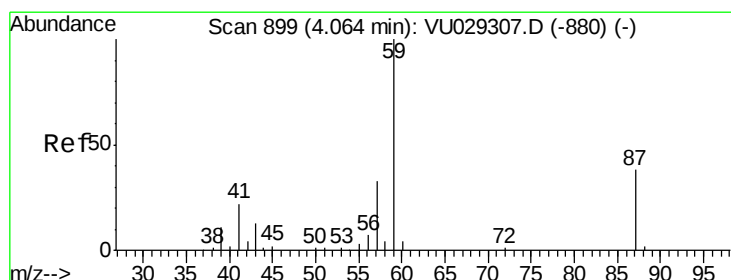
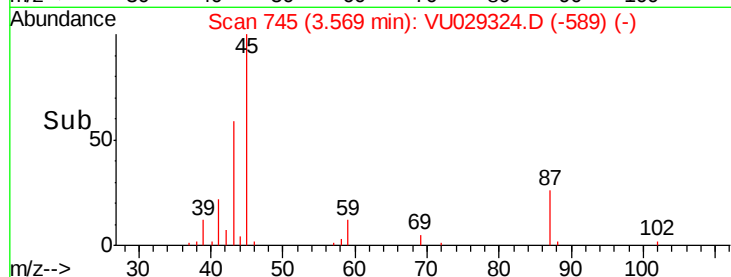
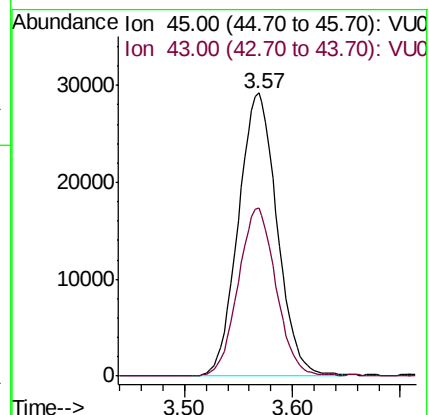
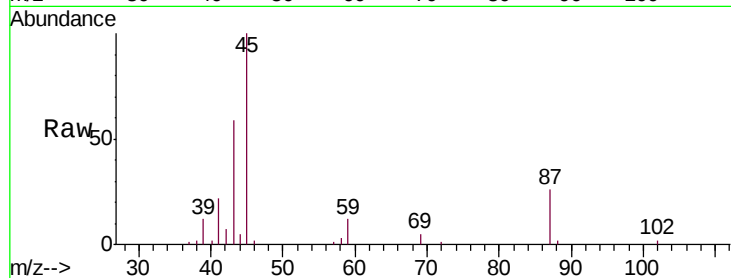
VSTDCCC010EC

Tgt Ion: 45 Resp: 73009

Ion Ratio Lower Upper

45 100

43 57.9 28.4 85.3



#32

Ethyl-t-butyl ether

Concen: 10.081 ug/l

RT: 4.06 min Scan# 899

Delta R.T. -0.00 min

Lab File: VU029324.D

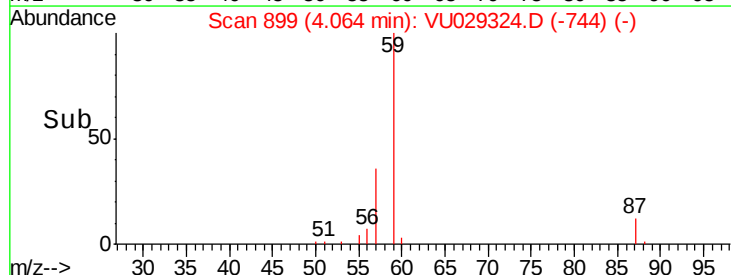
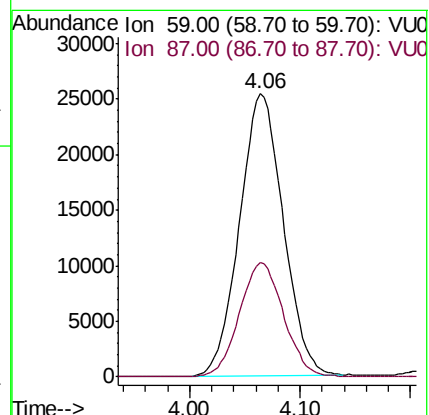
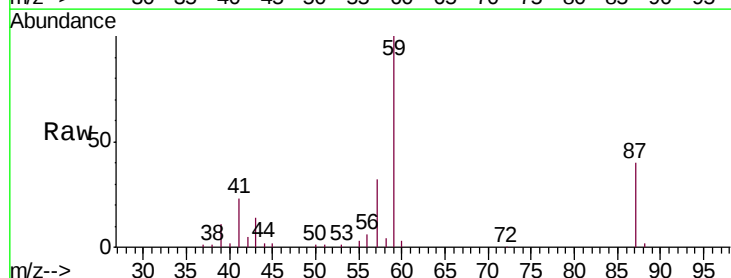
Acq: 30 Jan 2019 18:56

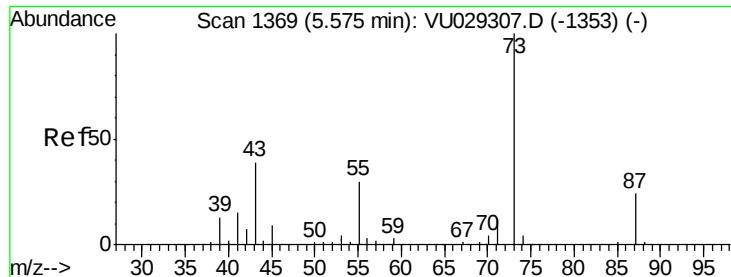
Tgt Ion: 59 Resp: 69676

Ion Ratio Lower Upper

59 100

87 40.8 31.1 46.7

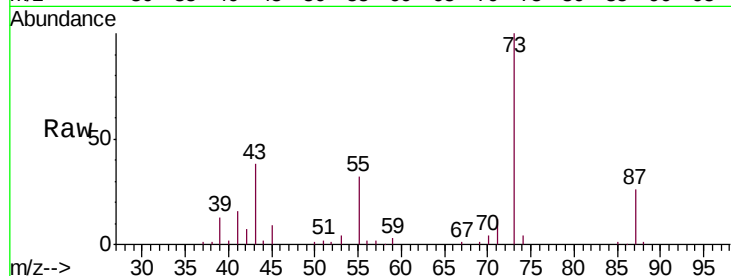




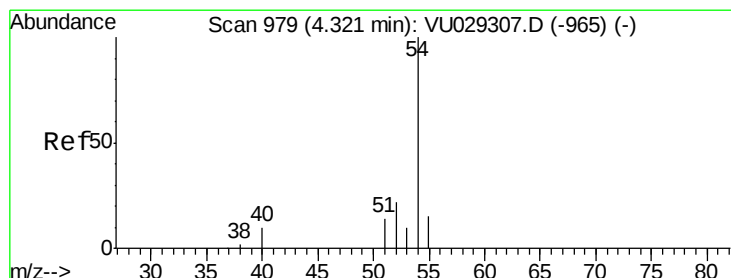
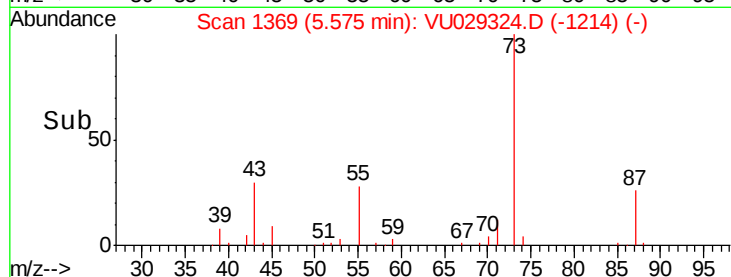
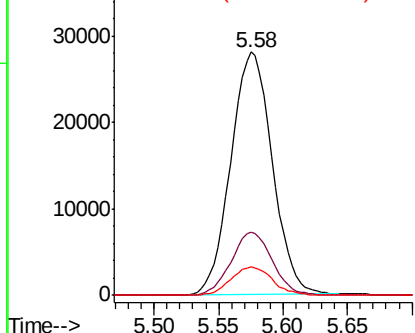
#33
Tert-Amyl methyl ether
Concen: 10.719 ug/l
RT: 5.58 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 73 Resp: 62902
Ion Ratio Lower Upper
73 100
87 25.6 19.4 29.0
71 11.6 9.0 13.4

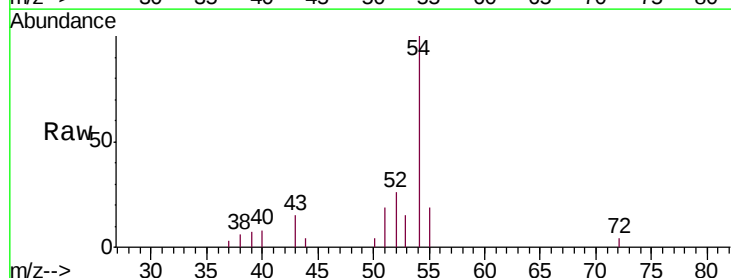


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

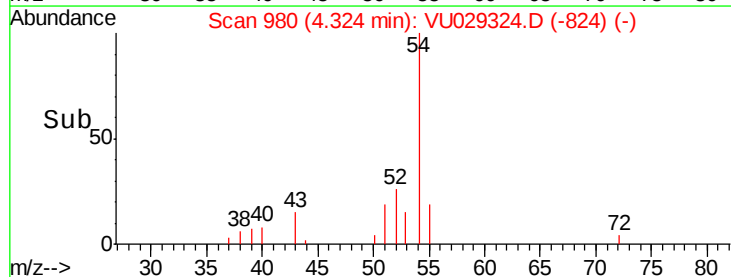
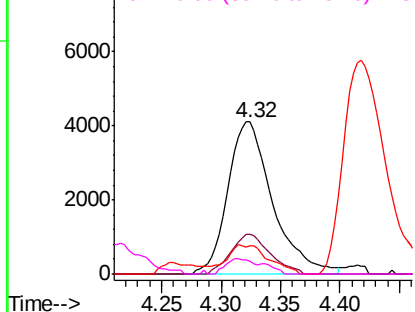


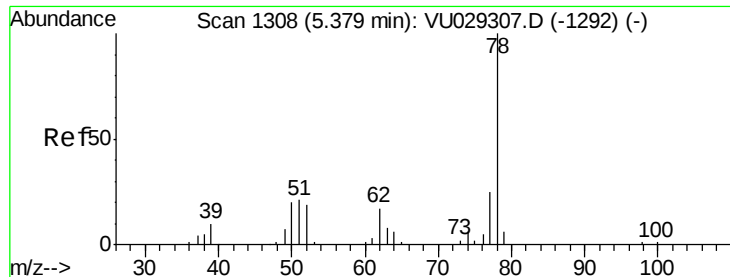
#34
Propionitrile
Concen: 52.820 ug/l
RT: 4.32 min Scan# 980
Delta R.T. 0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Tgt Ion: 54 Resp: 10711
Ion Ratio Lower Upper
54 100
52 22.8 18.9 28.3
55 17.7 15.1 22.7
40 8.3 7.2 10.8



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 10.228 ug/l

RT: 5.38 min Scan# 1308

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

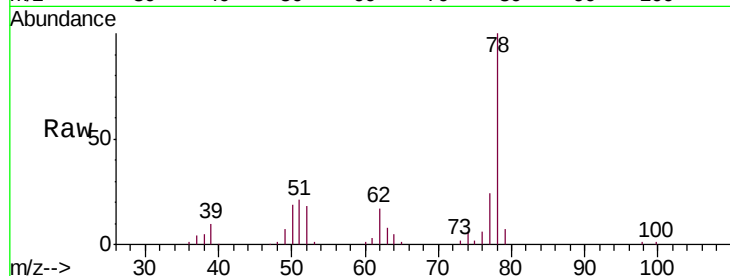
VSTDCCC010EC

Tgt Ion: 78 Resp: 99704

Ion Ratio Lower Upper

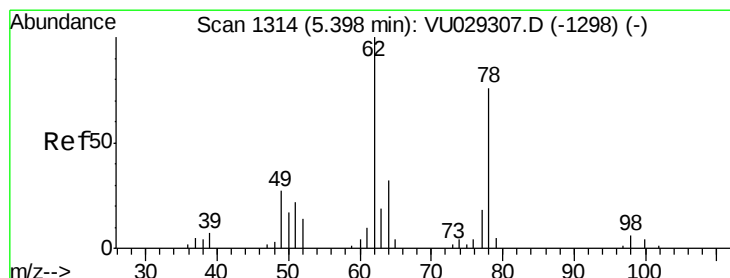
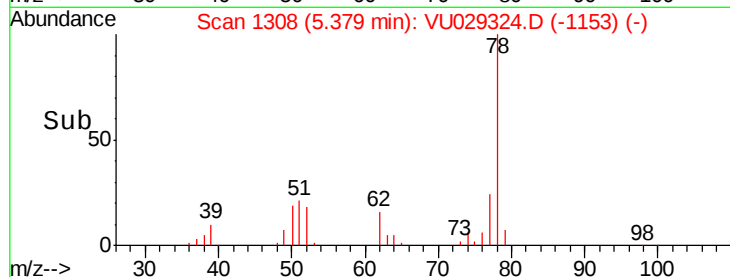
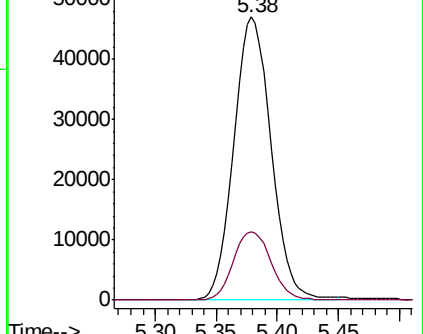
78 100

77 24.1 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 10.504 ug/l

RT: 5.40 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU029324.D

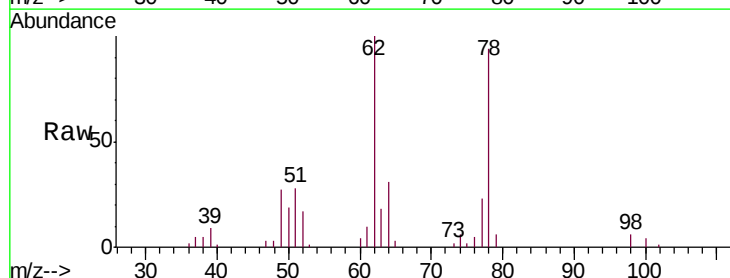
Acq: 30 Jan 2019 18:56

Tgt Ion: 62 Resp: 42384

Ion Ratio Lower Upper

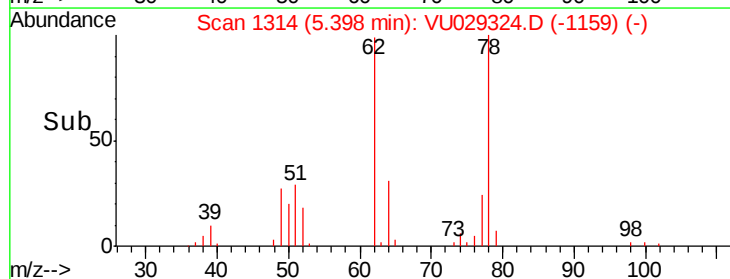
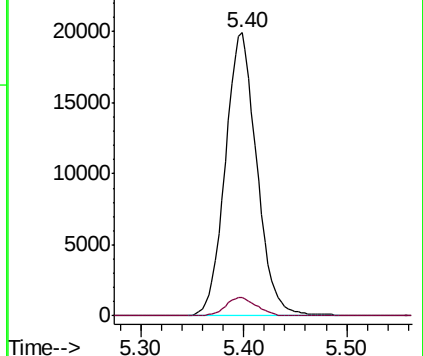
62 100

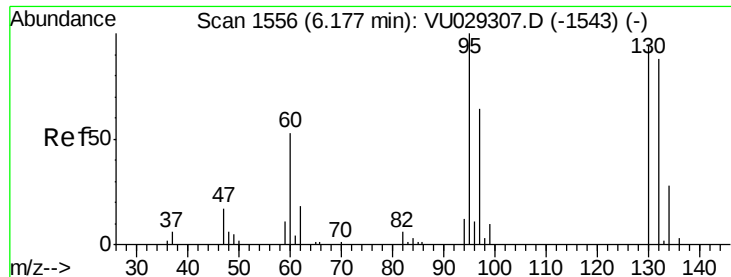
98 6.3 4.9 7.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

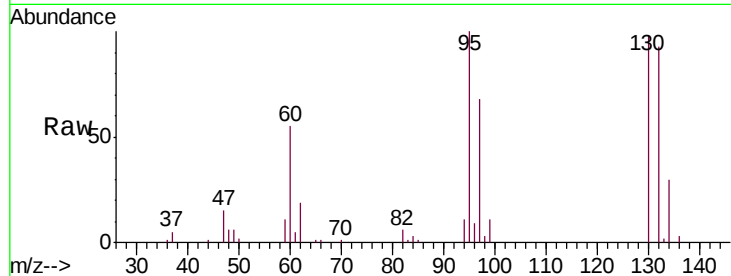




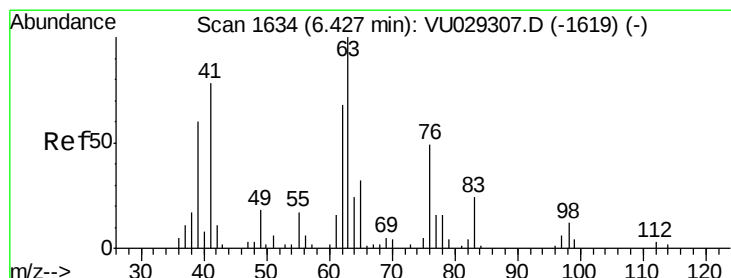
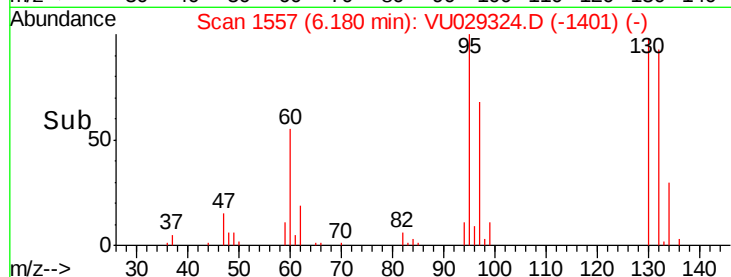
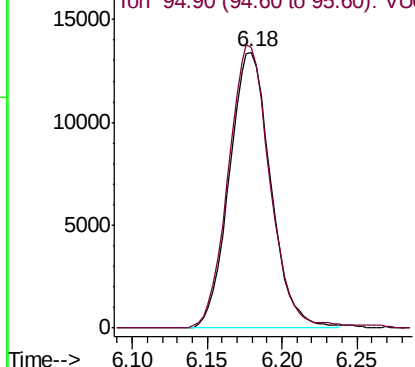
#37
 Trichloroethene
 Concen: 10.496 ug/l
 RT: 6.18 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 130 Resp: 25761
 Ion Ratio Lower Upper
 130 100
 95 101.9 85.4 128.0

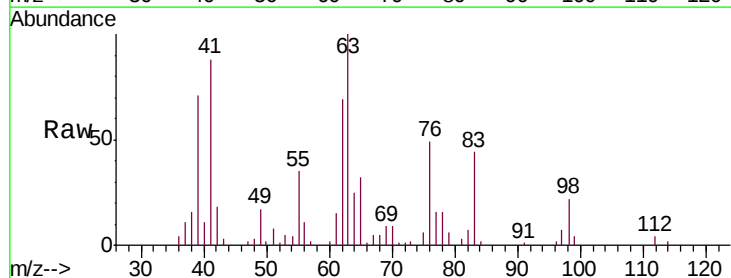


Abundance Ion 129.90 (129.60 to 130.60): VU029307.D (-1543) (-)
 Ion 94.90 (94.60 to 95.60): VU029324.D (-1401) (-)

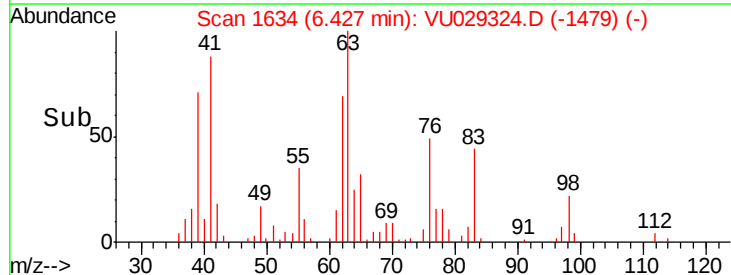
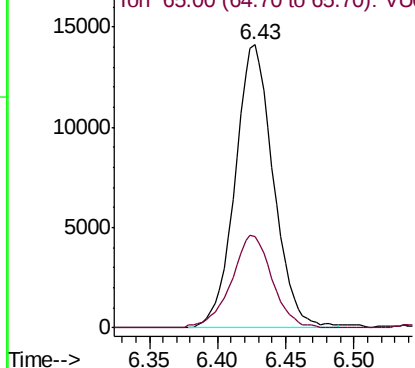


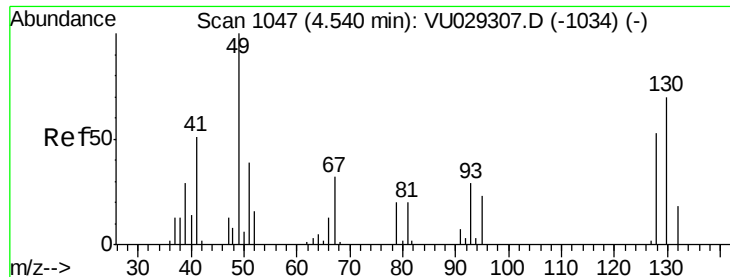
#38
 1,2-Dichloropropane
 Concen: 10.335 ug/l
 RT: 6.43 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Tgt Ion: 63 Resp: 27570
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU029307.D (-1619) (-)
 Ion 65.00 (64.70 to 65.70): VU029324.D (-1479) (-)

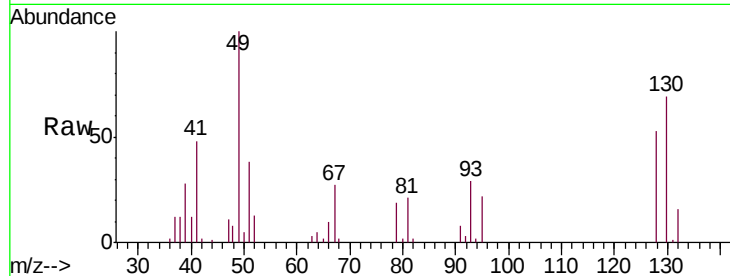




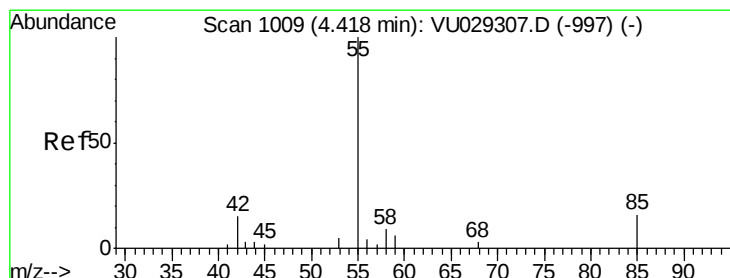
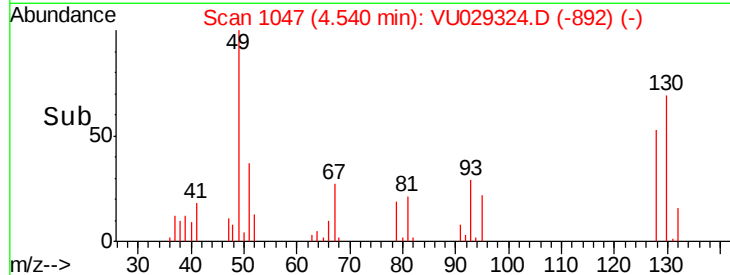
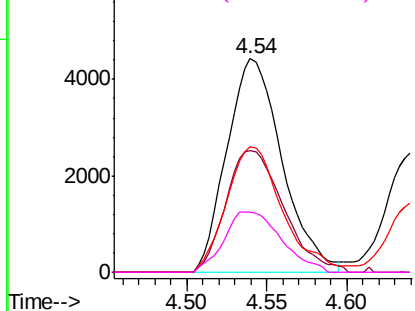
#39
Methacrylonitrile
Concen: 10.782 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 10493
Ion Ratio Lower Upper
41 100
67 59.4 50.1 75.1
39 59.6 47.9 71.9
52 29.3 24.8 37.2

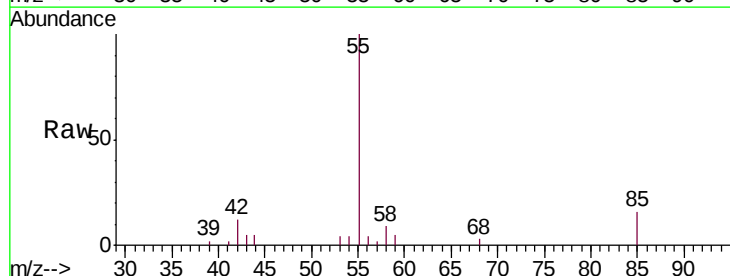


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

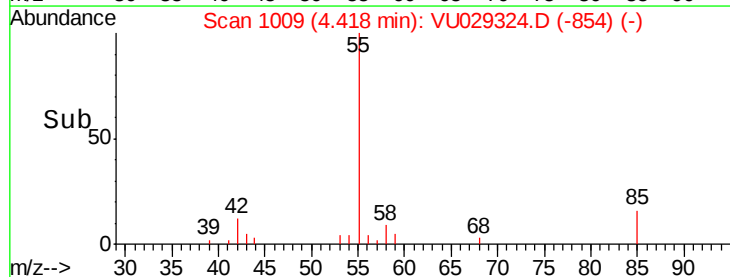
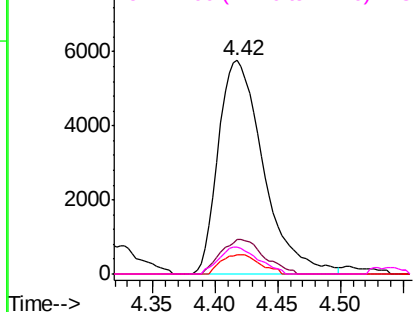


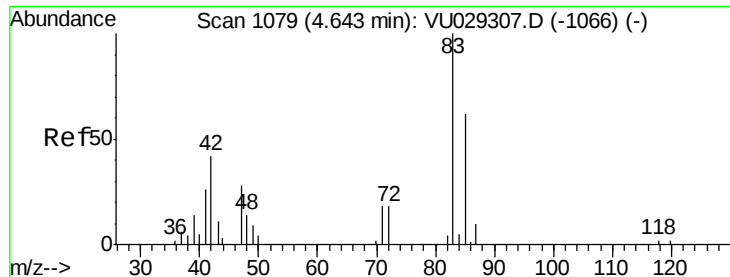
#40
Methyl acrylate
Concen: 10.956 ug/l
RT: 4.42 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Tgt Ion: 55 Resp: 14415
Ion Ratio Lower Upper
55 100
85 15.4 11.3 16.9
58 7.5 6.2 9.4
42 11.0 10.1 15.1



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 21.046 ug/l

RT: 4.64 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

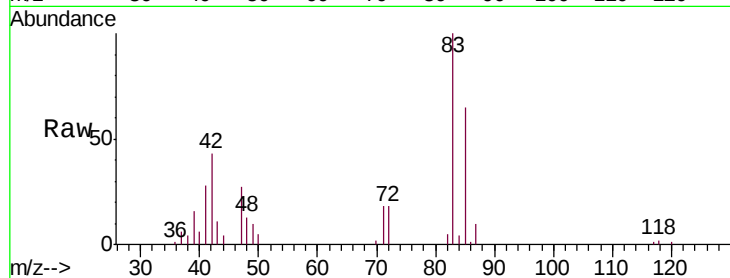
Tgt Ion: 42 Resp: 9569

Ion Ratio Lower Upper

42 100

72 41.9 33.1 49.7

71 36.3 30.2 45.2

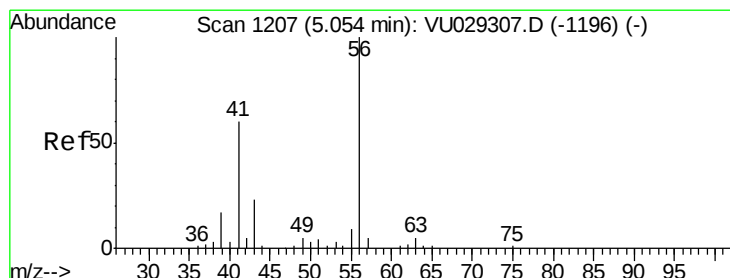
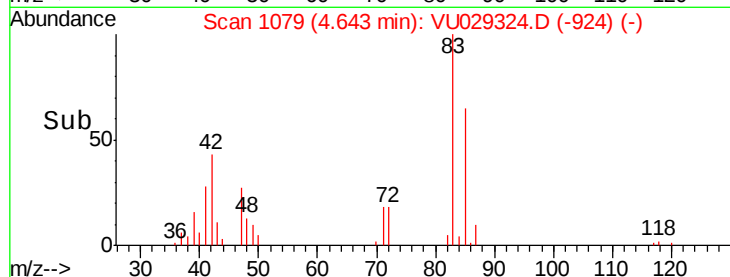
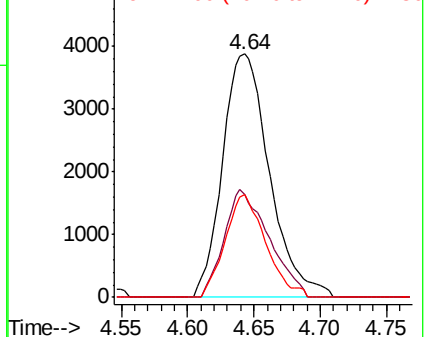


Abundance

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



#42

1-Chlorobutane

Concen: 10.085 ug/l

RT: 5.05 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VU029324.D

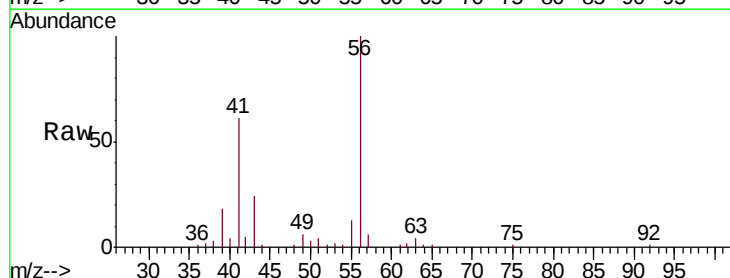
Acq: 30 Jan 2019 18:56

Tgt Ion: 56 Resp: 54762

Ion Ratio Lower Upper

56 100

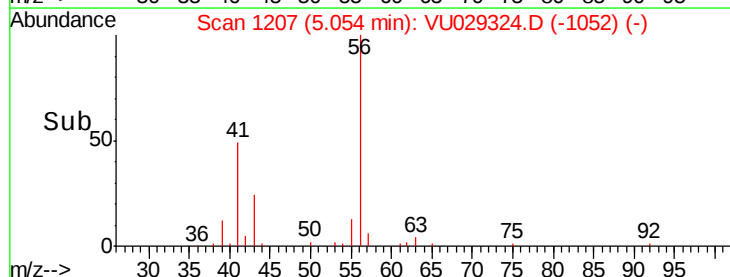
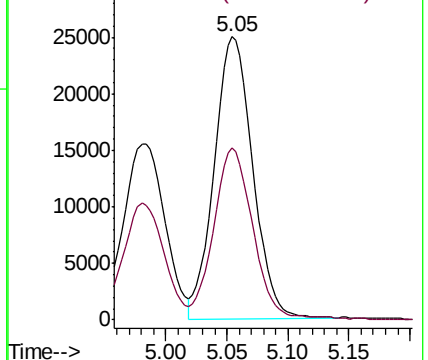
41 60.3 31.3 93.8

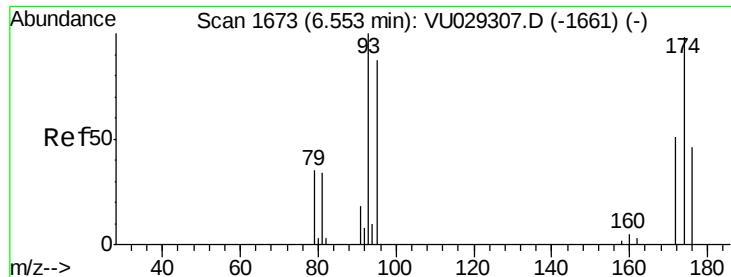


Abundance

Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 10.628 ug/l

RT: 6.55 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

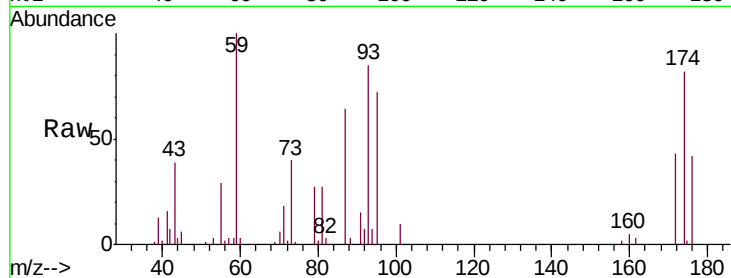
Tgt Ion: 93 Resp: 14141

Ion Ratio Lower Upper

93 100

95 82.7 68.2 102.2

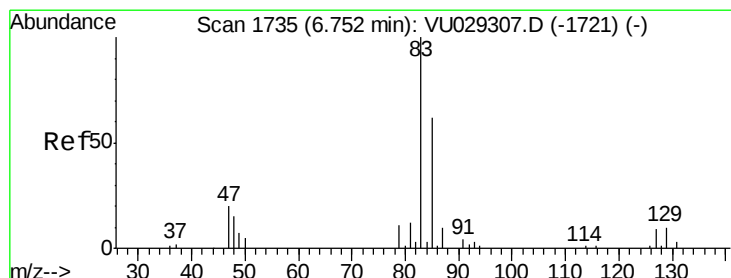
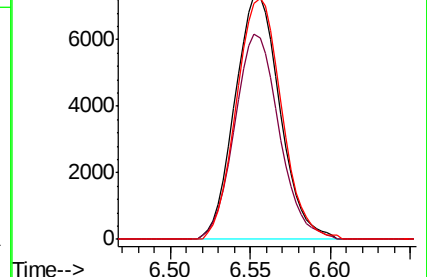
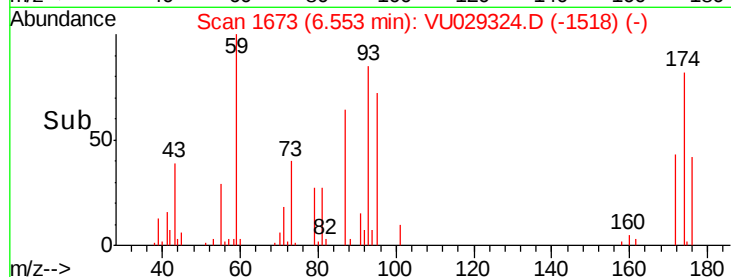
174 98.6 77.6 116.4



Abundance Ion 93.00 (92.70 to 93.70): VU029324.D (-1518) (-)

Ion 95.00 (94.70 to 95.70): VU029324.D (-1518) (-)

Ion 174.00 (173.70 to 174.70): VU029324.D (-1518) (-)



#44

Bromodichloromethane

Concen: 10.379 ug/l

RT: 6.75 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

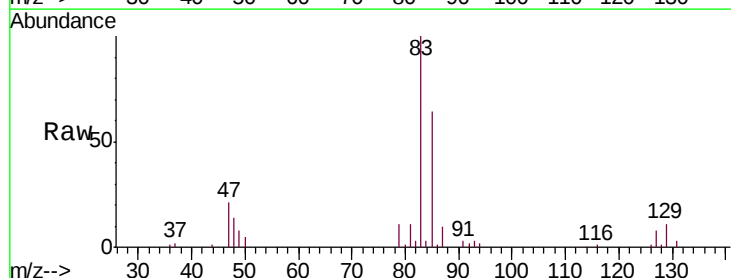
Tgt Ion: 83 Resp: 40175

Ion Ratio Lower Upper

83 100

85 63.7 49.2 73.8

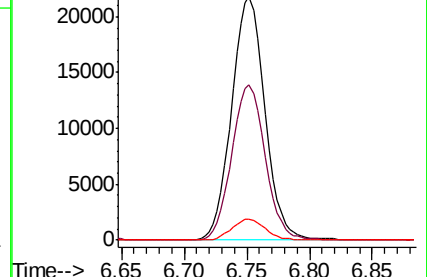
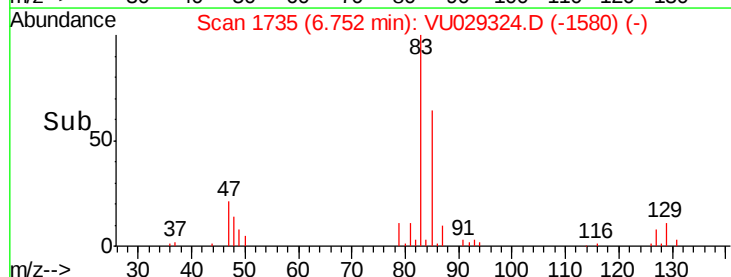
127 8.4 7.0 10.6

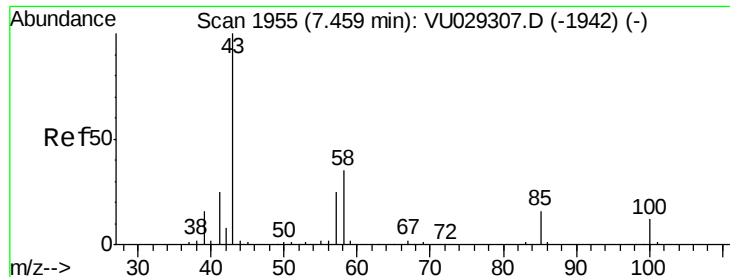


Abundance Ion 83.00 (82.70 to 83.70): VU029324.D (-1580) (-)

Ion 85.00 (84.70 to 85.70): VU029324.D (-1580) (-)

Ion 127.00 (126.70 to 127.70): VU029324.D (-1580) (-)

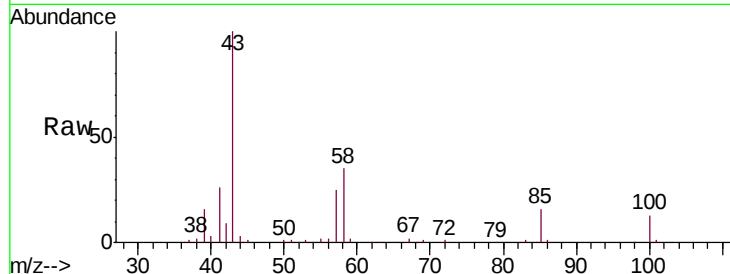




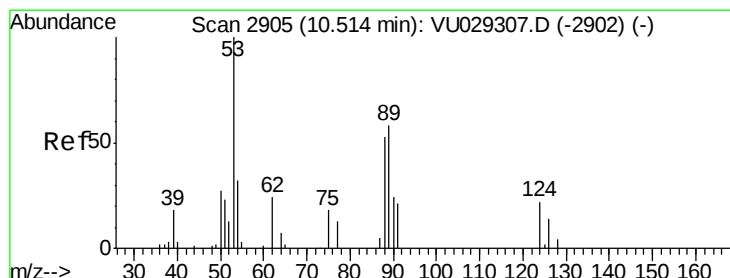
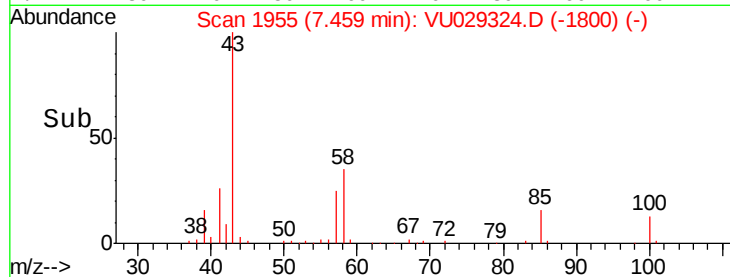
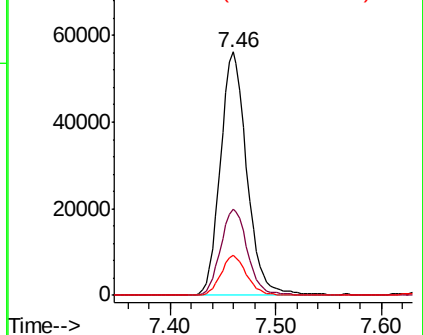
#45
4-Methyl-2-Pentanone
Concen: 53.161 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 97836
Ion Ratio Lower Upper
43 100
58 35.9 17.6 52.8
85 15.9 12.3 18.5

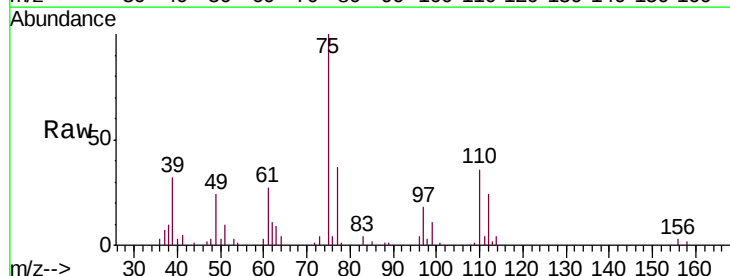


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

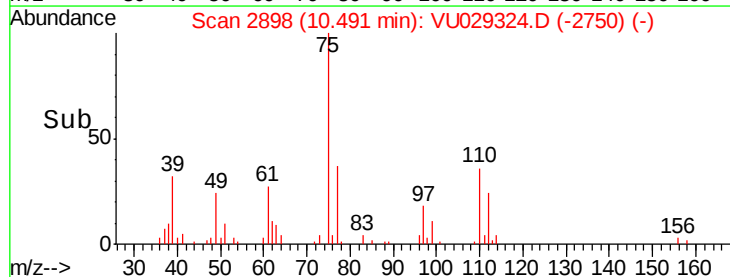
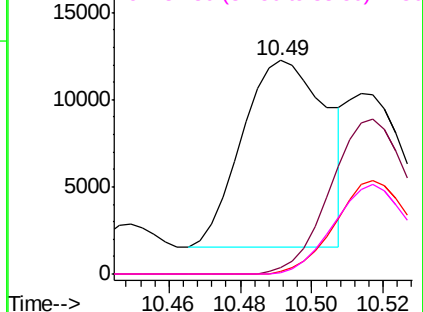


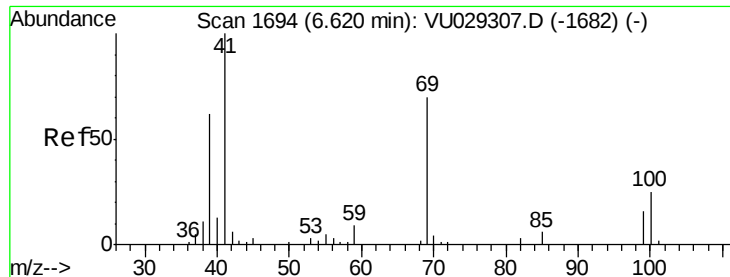
#46
t-1,4-Dichloro-2-butene
Concen: 28.497 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Tgt Ion: 75 Resp: 17683
Ion Ratio Lower Upper
75 100
53 78.5 78.2 117.4
89 45.1 44.2 66.4
88 43.1 41.4 62.2



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

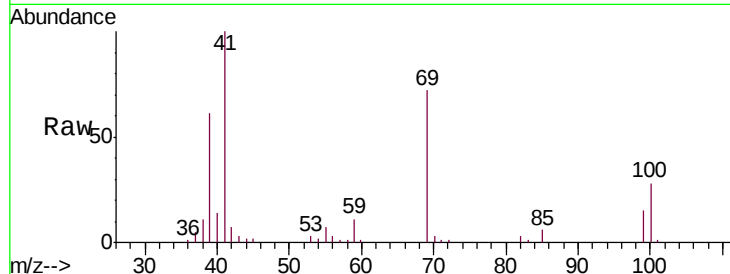




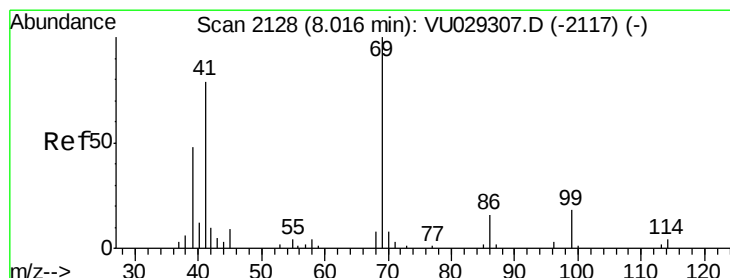
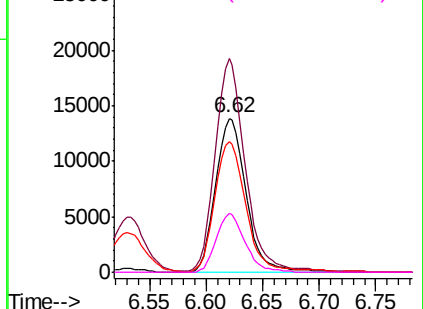
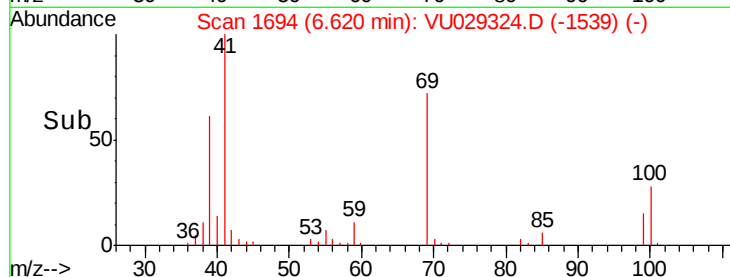
#47
Methyl methacrylate
Concen: 23.084 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 25970
Ion Ratio Lower Upper
69 100
41 134.1 0.0 296.2
39 87.4 71.2 106.8
100 36.0 28.6 42.8

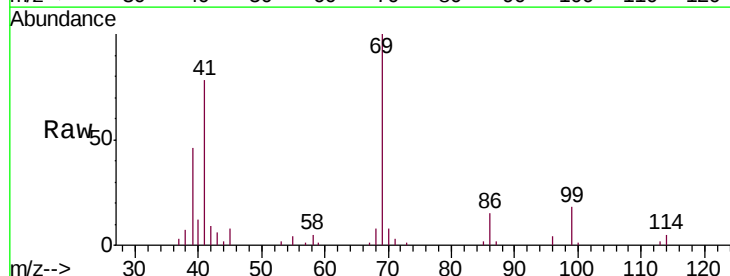


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

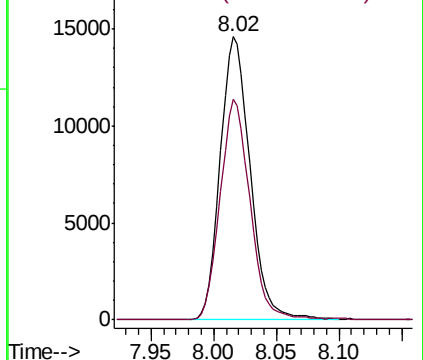
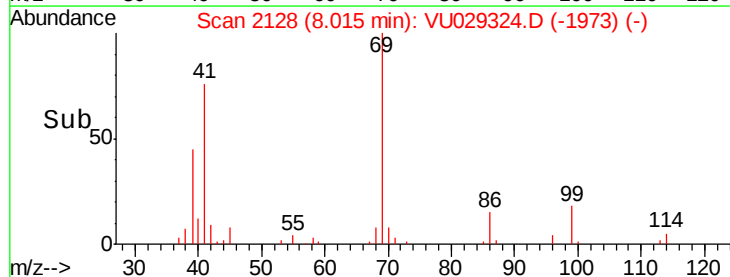


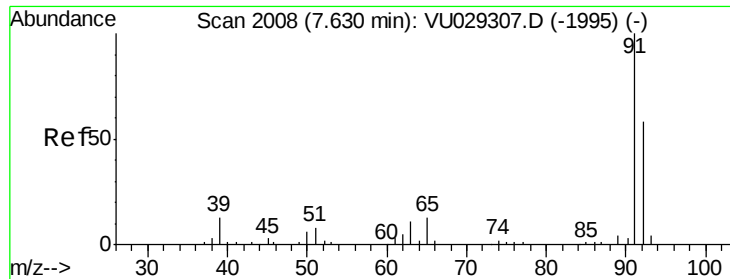
#48
Ethyl methacrylate
Concen: 11.302 ug/l
RT: 8.02 min Scan# 2128
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Tgt Ion: 69 Resp: 24238
Ion Ratio Lower Upper
69 100
41 77.7 39.9 119.7



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





#49

Toluene

Concen: 10.786 ug/l

RT: 7.63 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

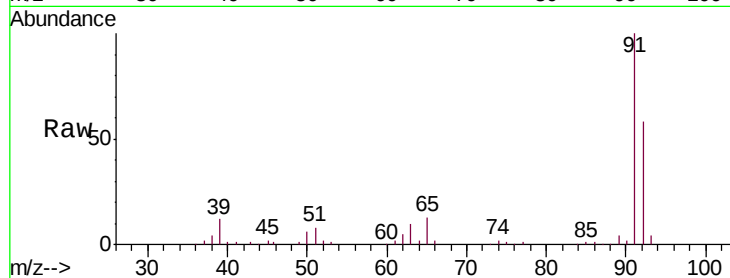
VSTDCCC010EC

Tgt Ion: 92 Resp: 61004

Ion Ratio Lower Upper

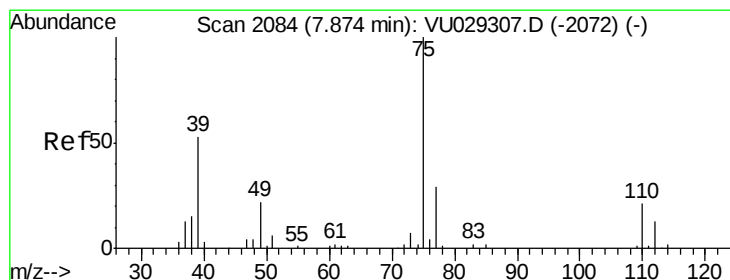
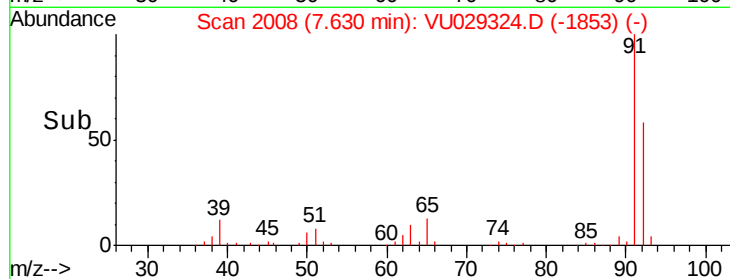
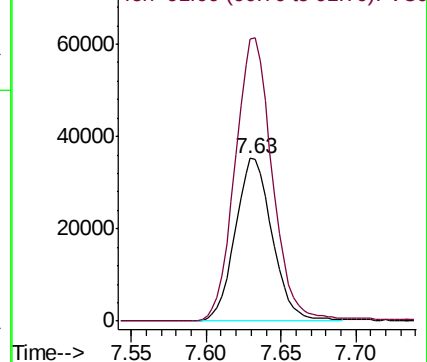
92 100

91 176.9 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 11.017 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. 0.00 min

Lab File: VU029324.D

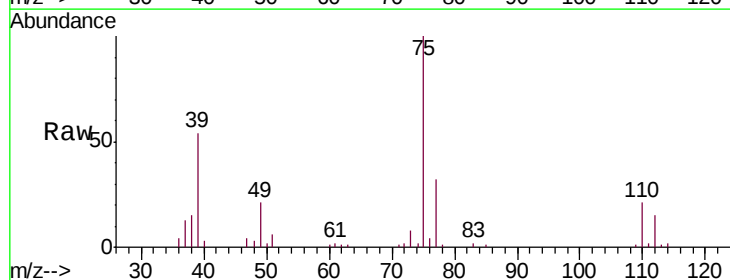
Acq: 30 Jan 2019 18:56

Tgt Ion: 75 Resp: 36457

Ion Ratio Lower Upper

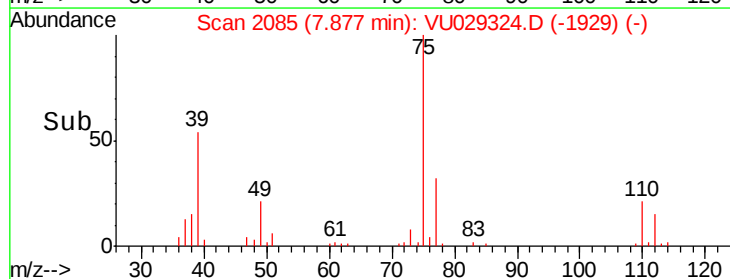
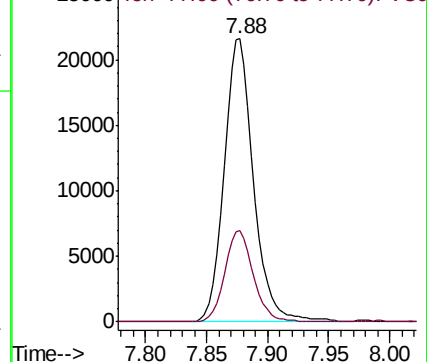
75 100

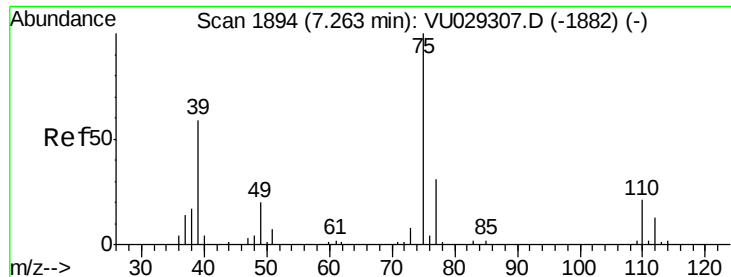
77 32.1 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



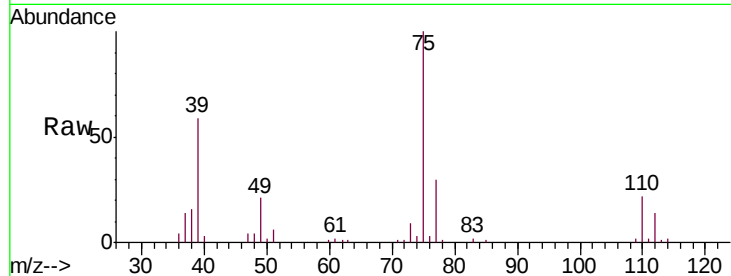


#51

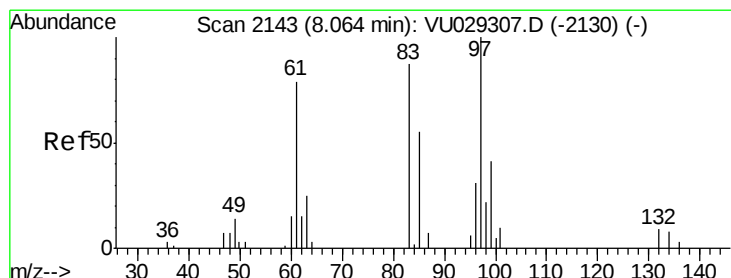
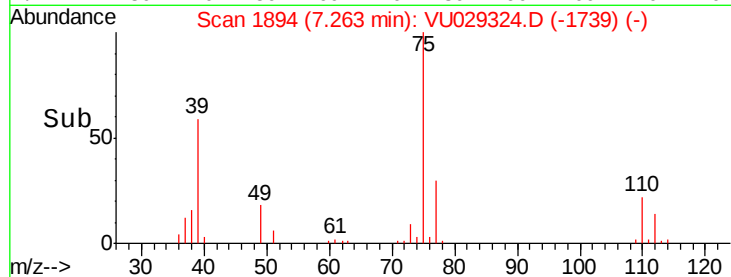
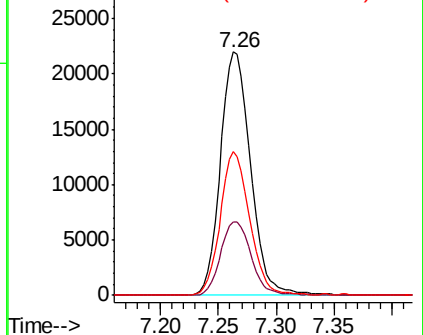
cis-1,3-Dichloropropene
Concen: 10.841 ug/l
RT: 7.26 min Scan# 1894
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 39584
Ion Ratio Lower Upper
75 100
77 30.3 24.9 37.3
39 59.1 47.2 70.8



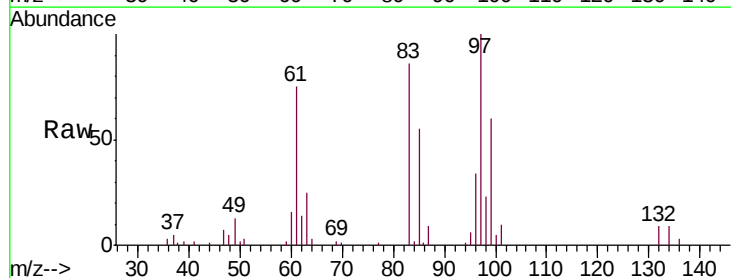
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



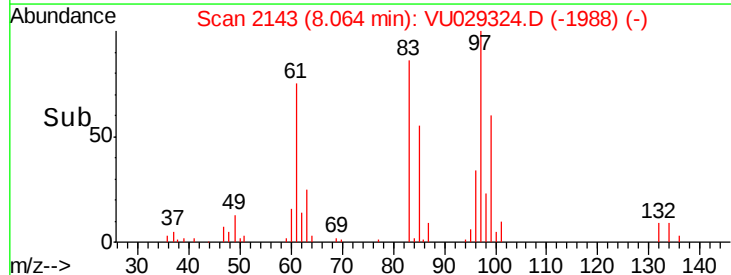
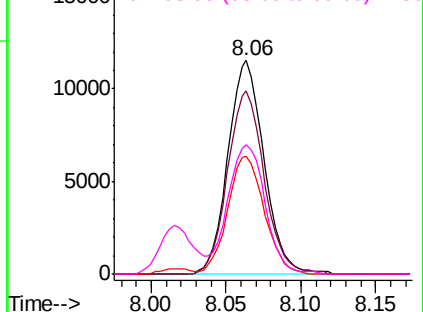
#52

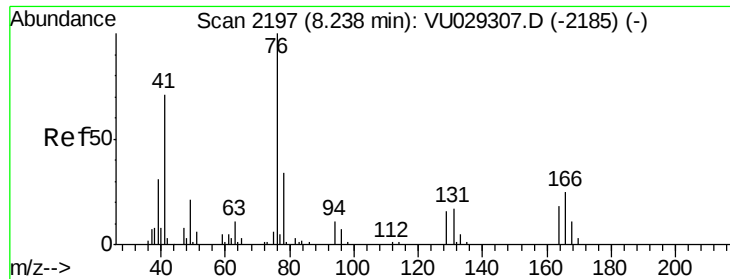
1,1,2-Trichloroethane
Concen: 11.099 ug/l
RT: 8.06 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Tgt Ion: 97 Resp: 19357
Ion Ratio Lower Upper
97 100
83 85.6 69.9 104.9
85 54.9 45.8 68.6
99 60.4 50.2 75.2



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 82.95 (82.65 to 83.65): VU0
Ion 84.95 (84.65 to 85.65): VU0
Ion 98.95 (98.65 to 99.65): VU0

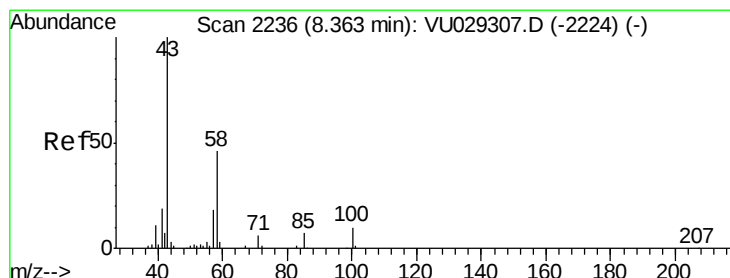
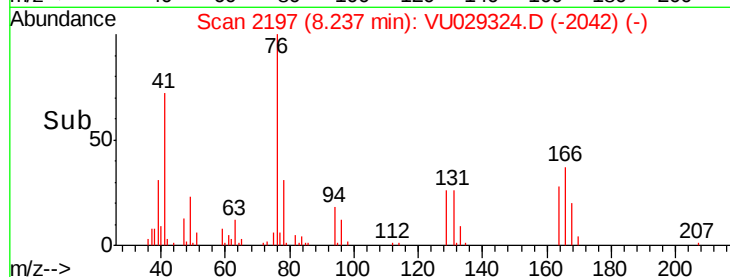
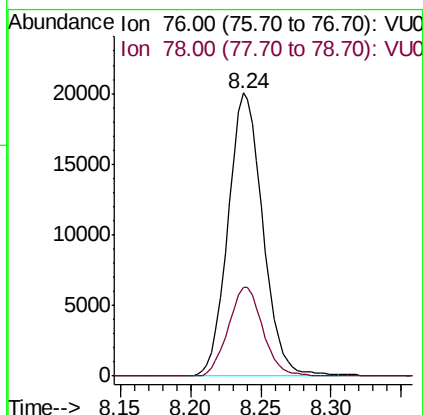
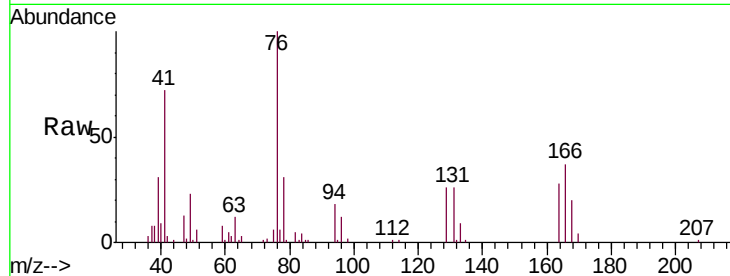




#53
 1,3-Dichloropropane
 Concen: 10.545 ug/l
 RT: 8.24 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

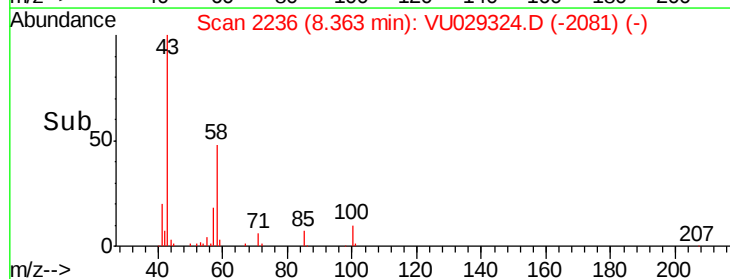
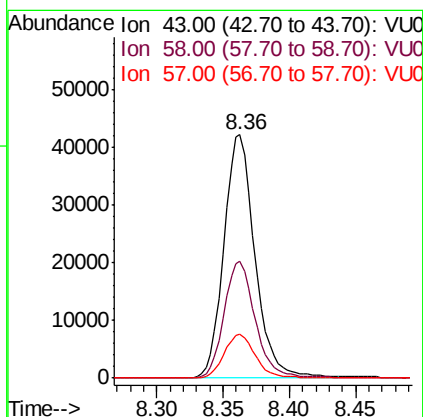
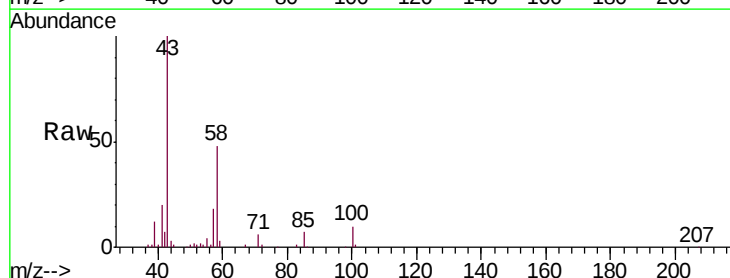
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

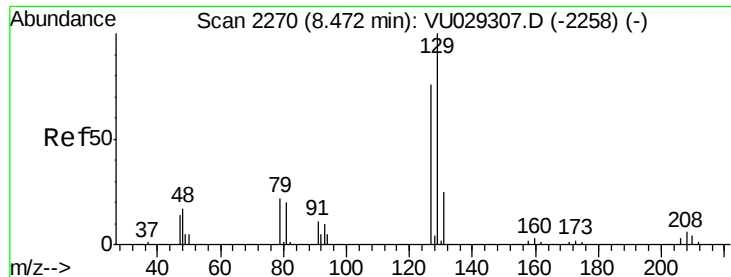
Tgt Ion: 76 Resp: 34494
 Ion Ratio Lower Upper
 76 100
 78 31.1 26.3 39.5



#54
 2-Hexanone
 Concen: 52.683 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Tgt Ion: 43 Resp: 68611
 Ion Ratio Lower Upper
 43 100
 58 48.4 26.0 66.0
 57 18.3 0.0 37.7





#55

Dibromochloromethane

Concen: 10.778 ug/l

RT: 8.47 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

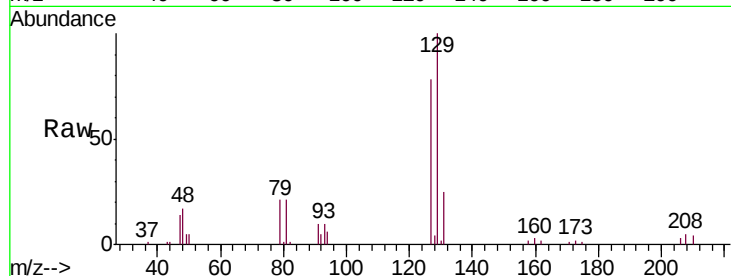
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:129 Resp: 25334

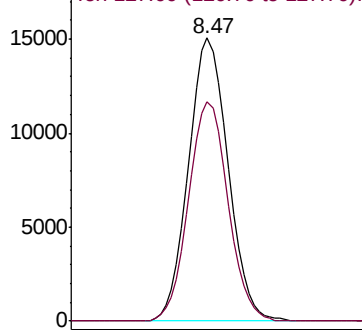
Ion Ratio Lower Upper

129 100

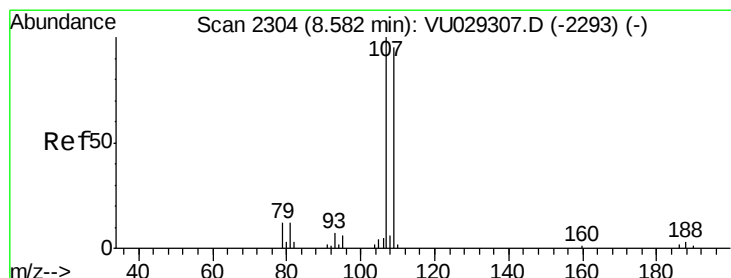
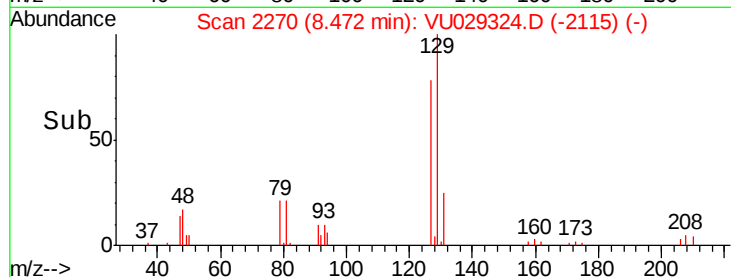
127 77.6 60.5 90.7



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



Time-->



#56

1,2-Dibromoethane

Concen: 11.165 ug/l

RT: 8.58 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VU029324.D

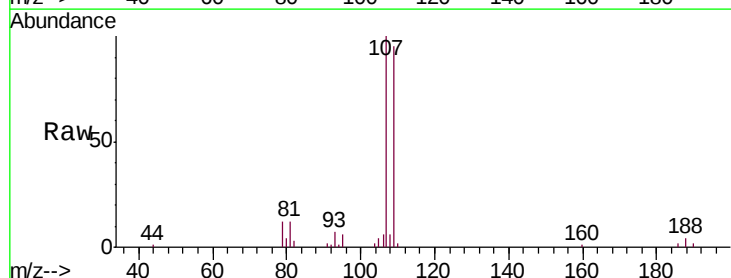
Acq: 30 Jan 2019 18:56

Tgt Ion:107 Resp: 17898

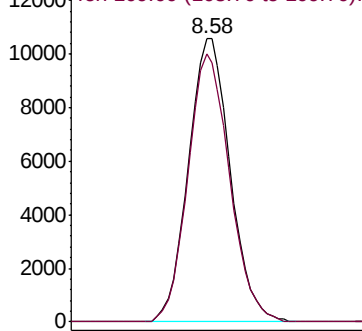
Ion Ratio Lower Upper

107 100

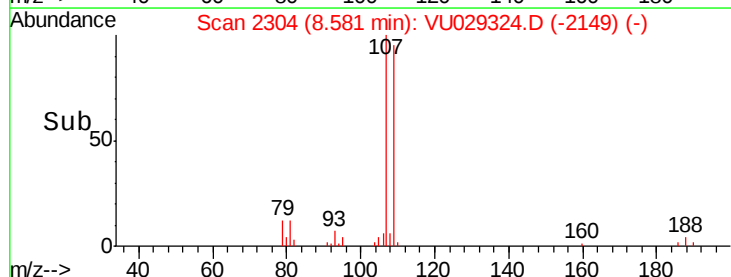
109 94.3 0.0 189.6

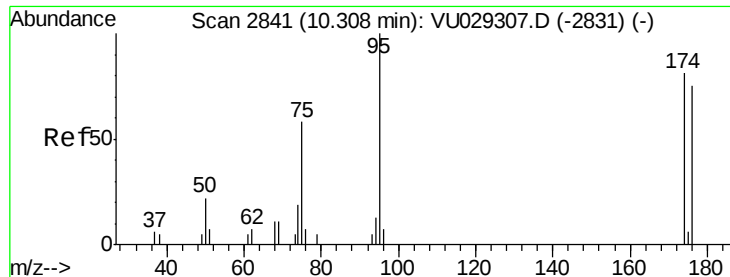


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V



Time-->

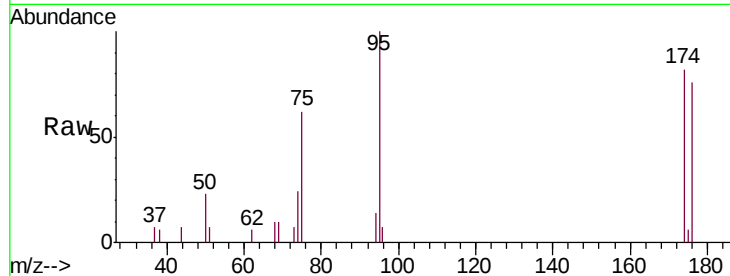




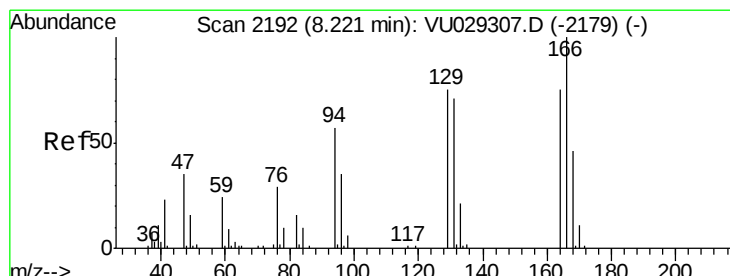
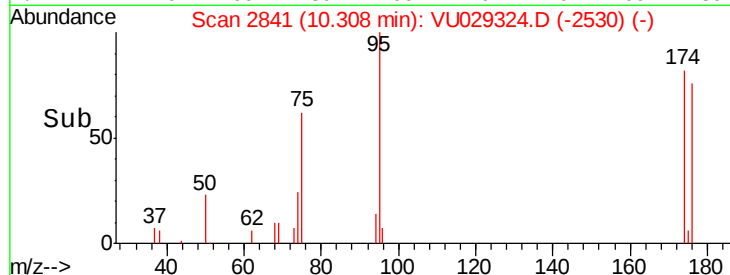
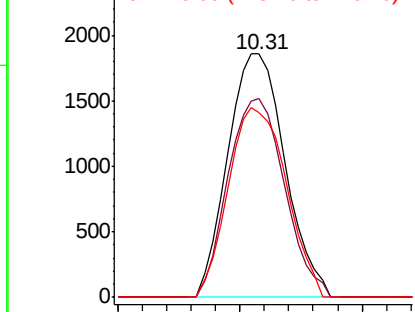
#57
4-Bromofluorobenzene
Concen: 11.165 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 95 Resp: 3027
Ion Ratio Lower Upper
95 100
174 80.7 64.2 96.2
176 79.1 62.3 93.5

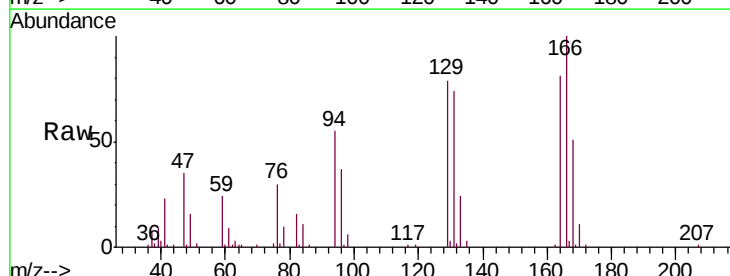


Abundance Ion 95.00 (94.70 to 95.70): VU029307.D (-2831) (-)
Ion 174.00 (173.70 to 174.70): VU029307.D (-2831) (-)
Ion 176.00 (175.70 to 176.70): VU029307.D (-2831) (-)

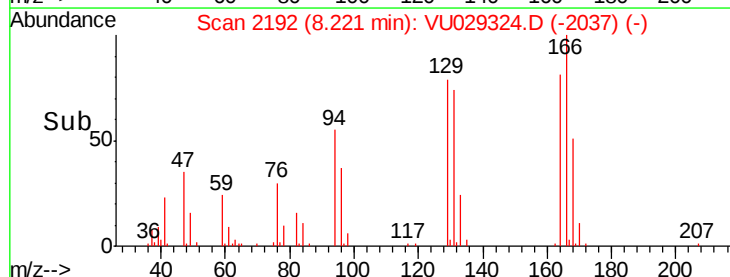
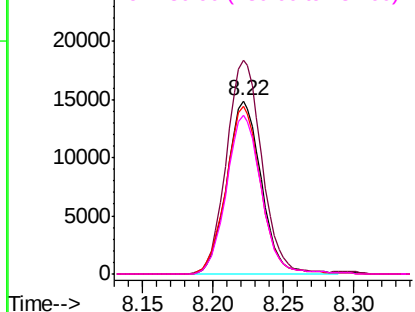


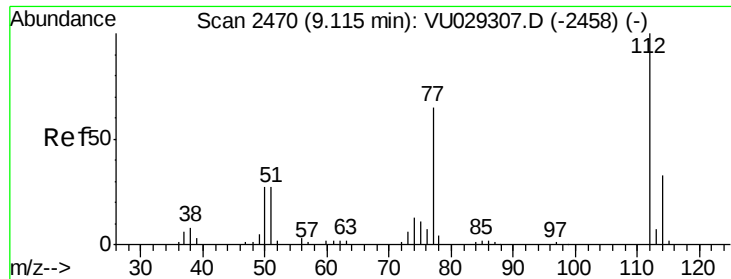
#58
Tetrachloroethene
Concen: 10.916 ug/l
RT: 8.22 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Tgt Ion: 164 Resp: 25429
Ion Ratio Lower Upper
164 100
166 123.4 106.6 159.8
129 96.9 79.9 119.9
131 91.5 75.8 113.8



Abundance Ion 163.85 (163.55 to 164.55): VU029307.D (-2179) (-)
Ion 165.80 (165.50 to 166.50): VU029307.D (-2179) (-)
Ion 128.90 (128.60 to 129.60): VU029307.D (-2179) (-)
Ion 130.90 (130.60 to 131.60): VU029307.D (-2179) (-)





#59

Chlorobenzene

Concen: 10.749 ug/l

RT: 9.12 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

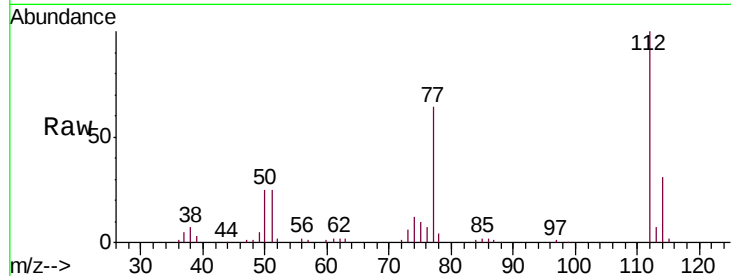
VSTDCCC010EC

Tgt Ion:112 Resp: 66094

Ion Ratio Lower Upper

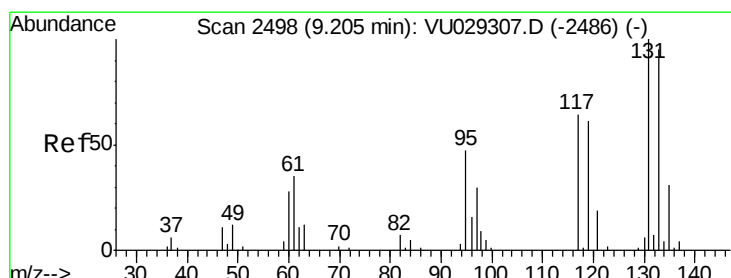
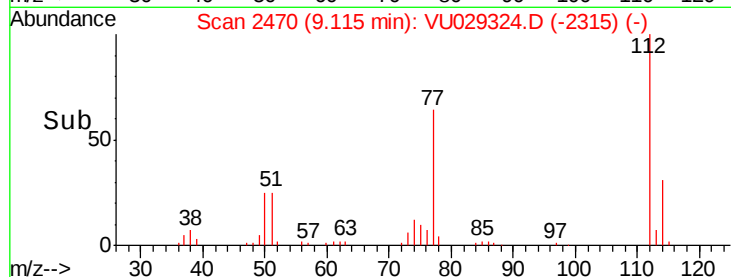
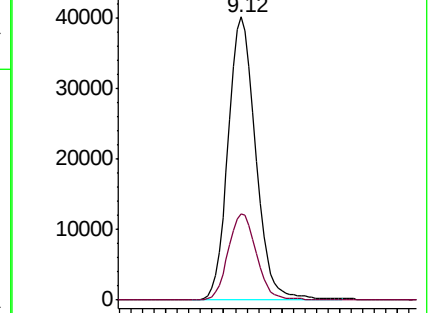
112 100

114 30.6 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 10.691 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

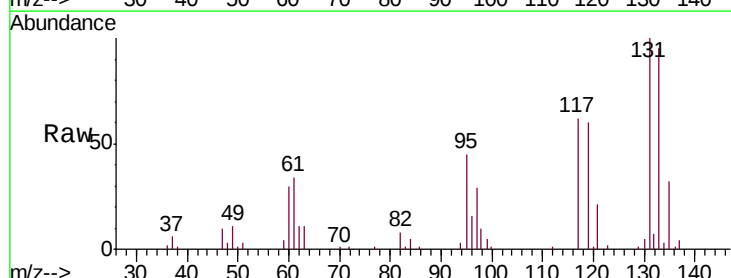
Tgt Ion:131 Resp: 27135

Ion Ratio Lower Upper

131 100

133 93.1 77.3 115.9

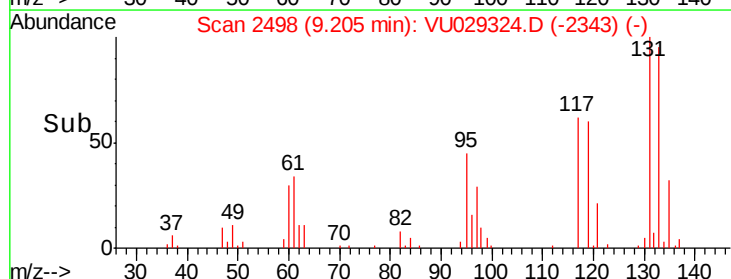
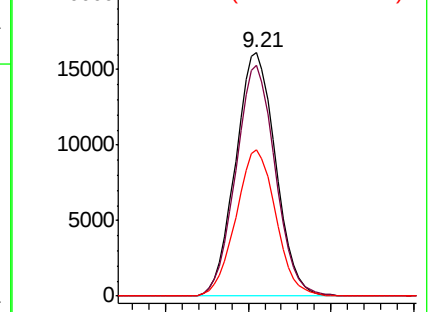
119 59.6 48.9 73.3

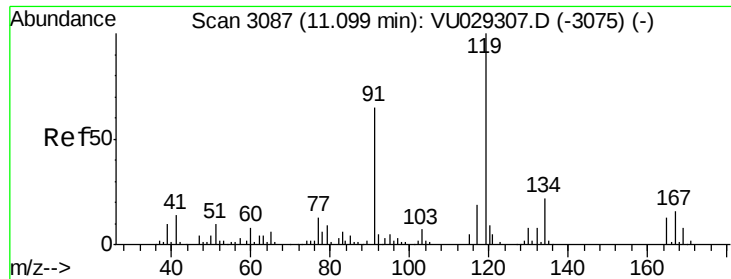


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

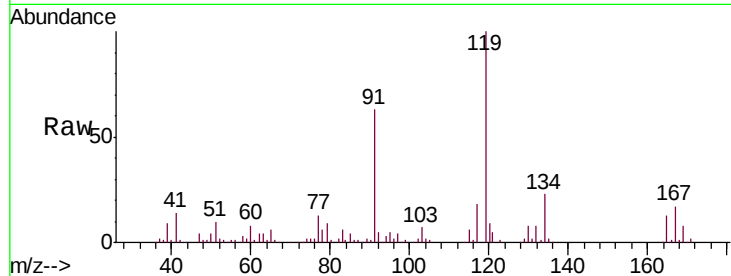




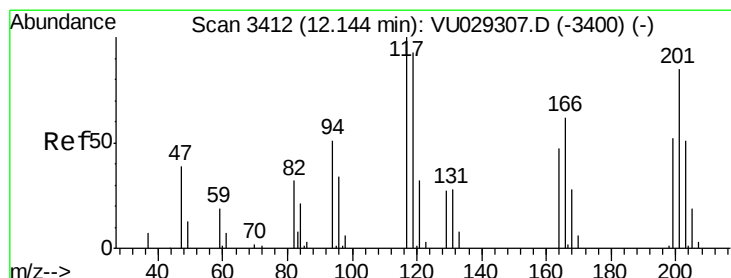
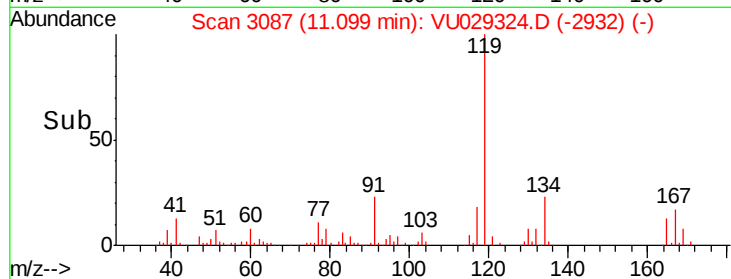
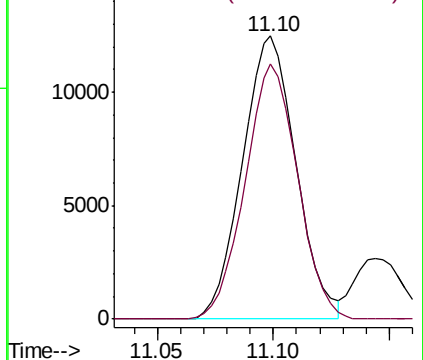
#61
 Pentachloroethane
 Concen: 10.250 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:117 Resp: 20035
 Ion Ratio Lower Upper
 117 100
 167 88.2 65.9 98.9

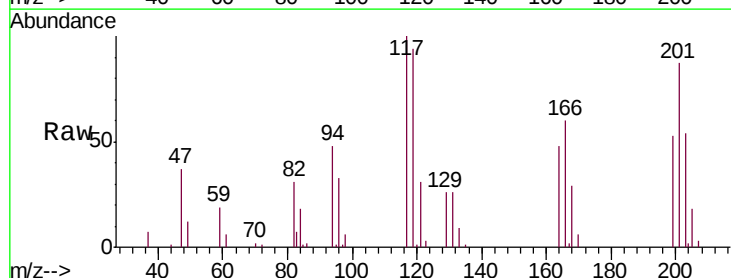


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V

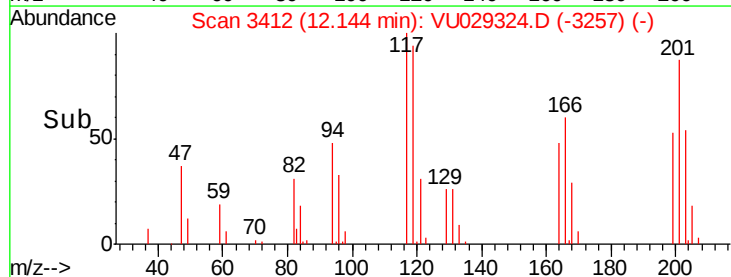
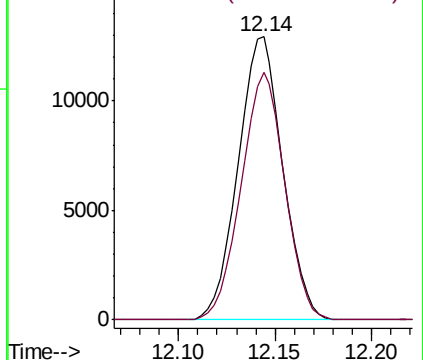


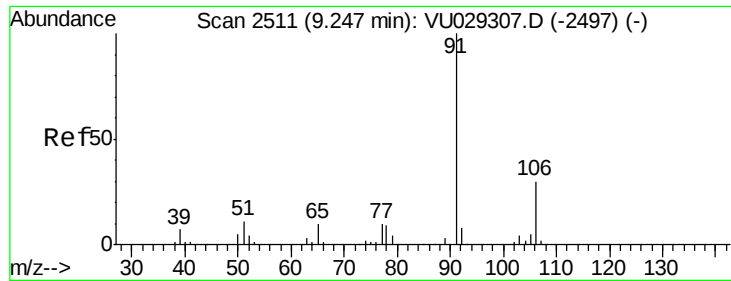
#62
 Hexachloroethane
 Concen: 11.031 ug/l
 RT: 12.14 min Scan# 3412
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Tgt Ion:117 Resp: 20721
 Ion Ratio Lower Upper
 117 100
 201 85.3 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.60 (200.30 to 201.30): V

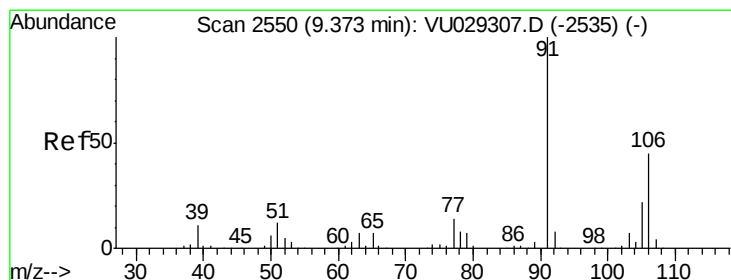
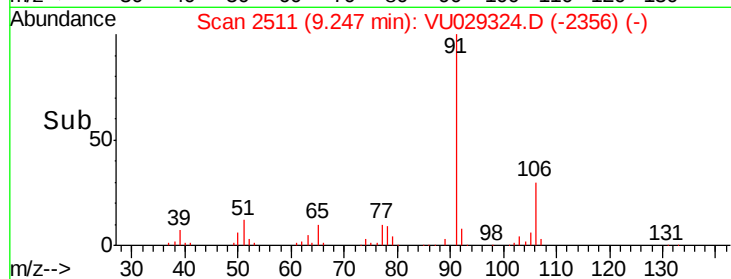
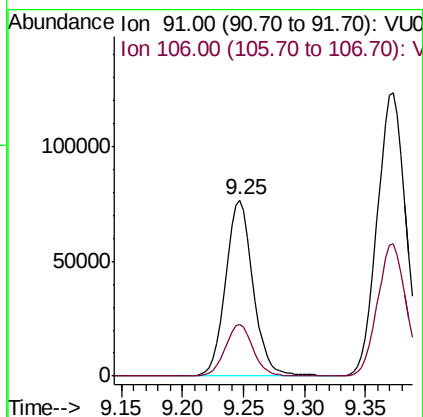
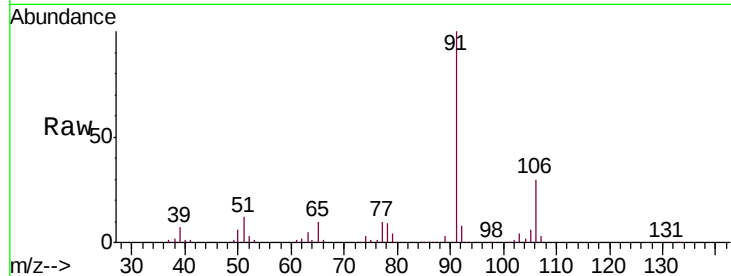




#63
Ethyl Benzene
Concen: 11.330 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

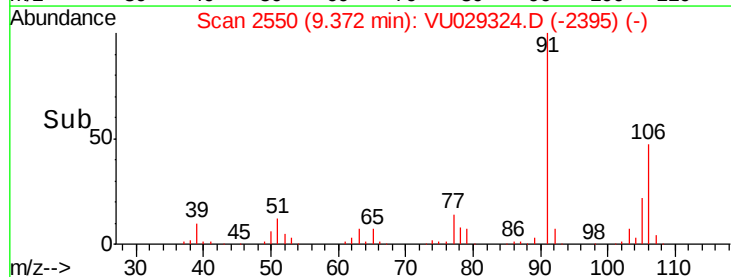
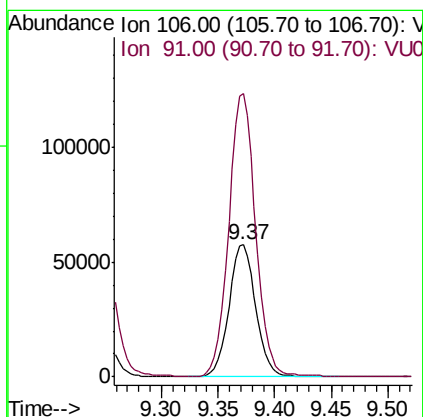
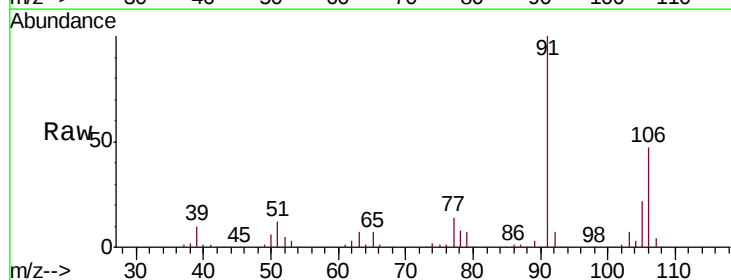
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

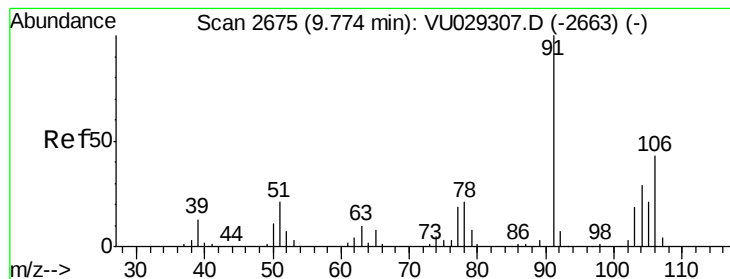
Tgt Ion: 91 Resp: 121771
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#64
m/p-Xylenes
Concen: 23.492 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Tgt Ion: 106 Resp: 94857
Ion Ratio Lower Upper
106 100
91 213.6 174.6 261.8





#65

o-Xylene

Concen: 11.632 ug/l

RT: 9.78 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

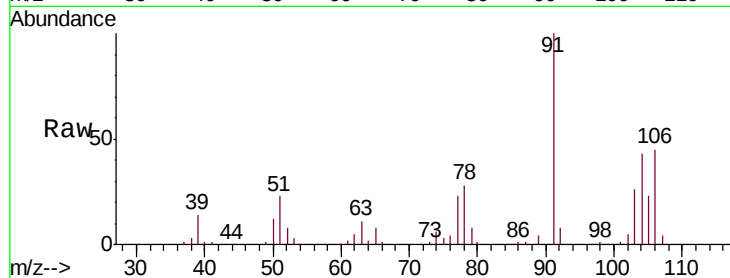
VSTDCCC010EC

Tgt Ion:106 Resp: 45037

Ion Ratio Lower Upper

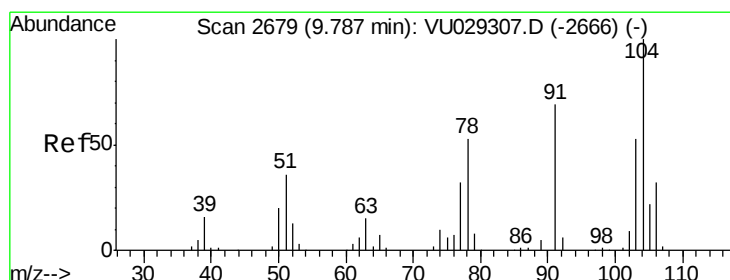
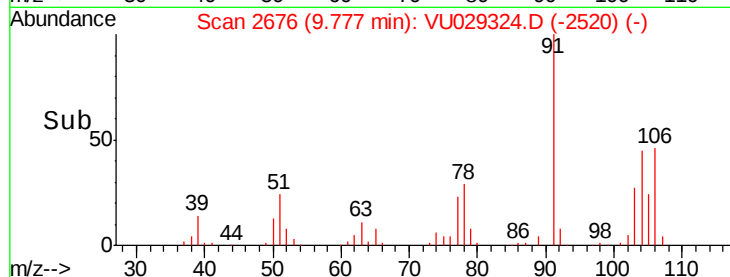
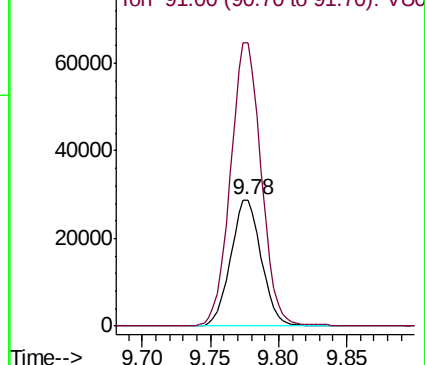
106 100

91 224.8 114.5 343.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 11.936 ug/l

RT: 9.79 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

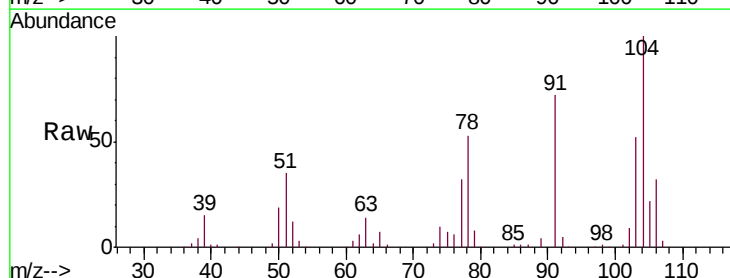
Tgt Ion:104 Resp: 79637

Ion Ratio Lower Upper

104 100

78 56.5 46.5 69.7

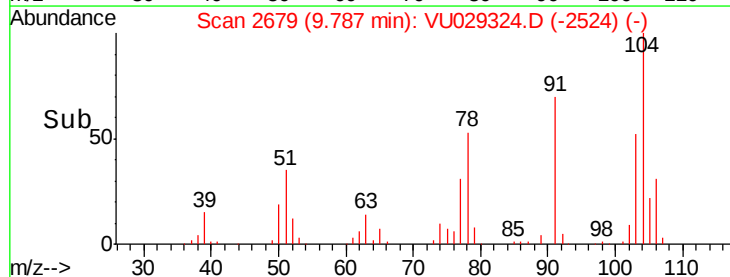
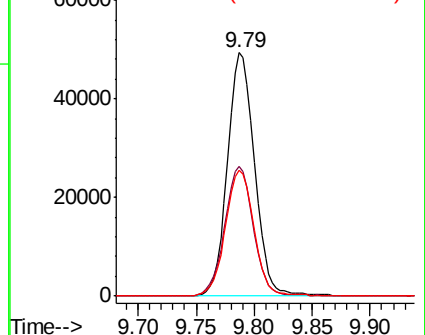
103 54.6 44.7 67.1

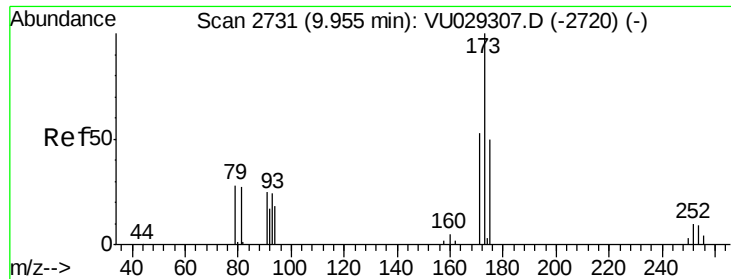


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 11.081 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

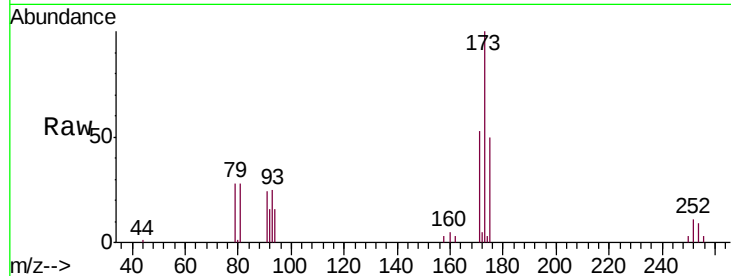
Tgt Ion:173 Resp: 15064

Ion Ratio Lower Upper

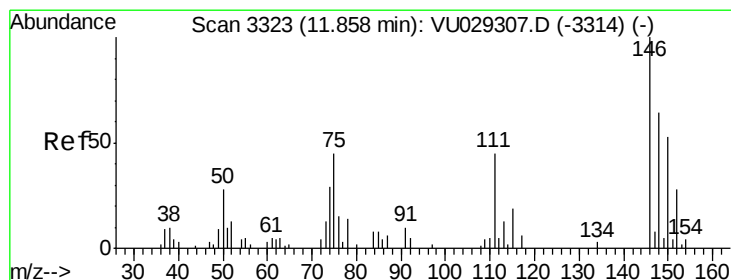
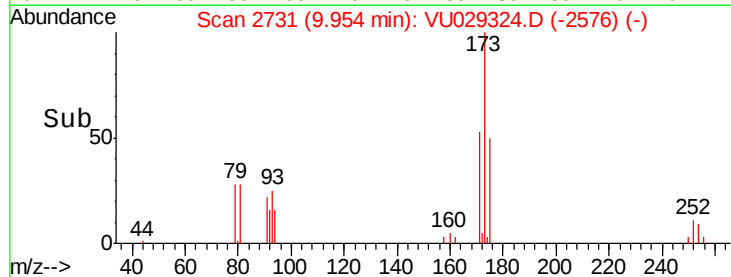
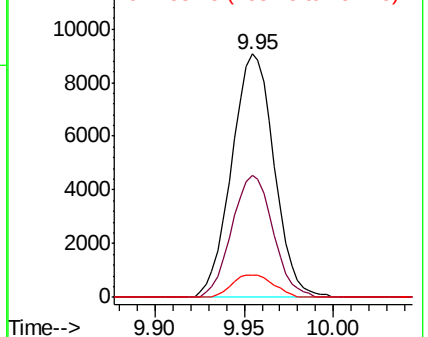
173 100

175 48.6 38.9 58.3

254 8.9 7.4 11.2



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 11.081 ug/l

RT: 11.86 min Scan# 3323

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

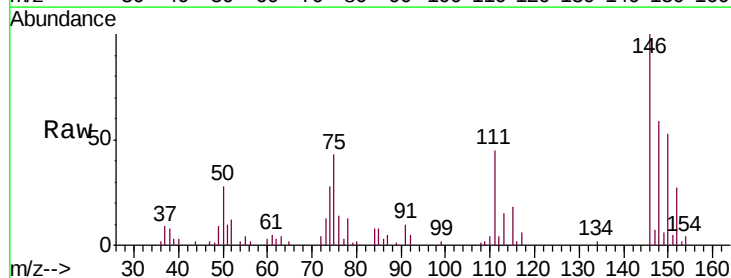
Tgt Ion:152 Resp: 3107

Ion Ratio Lower Upper

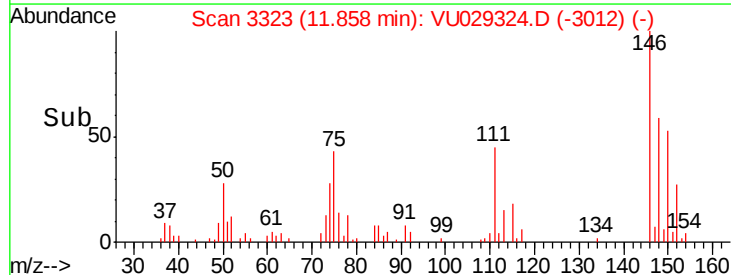
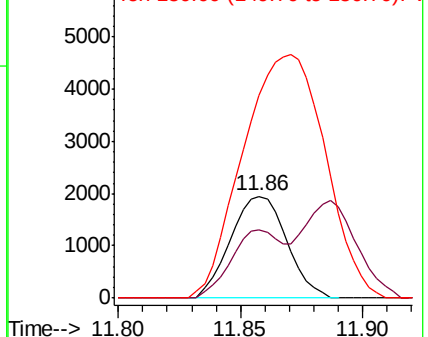
152 100

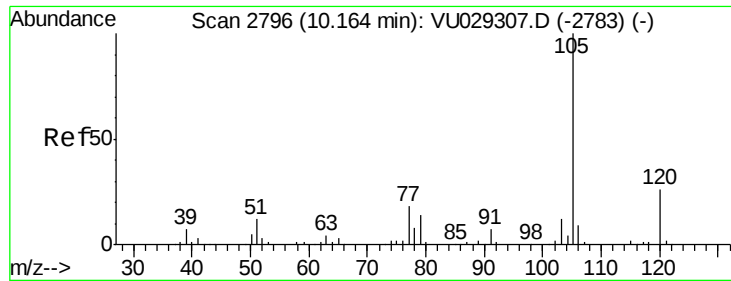
115 58.5 0.0 133.4

150 350.5 0.0 670.8



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 11.353 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

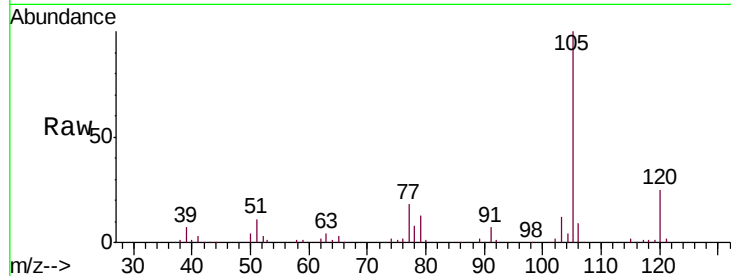
VSTDCCC010EC

Tgt Ion:105 Resp: 121656

Ion Ratio Lower Upper

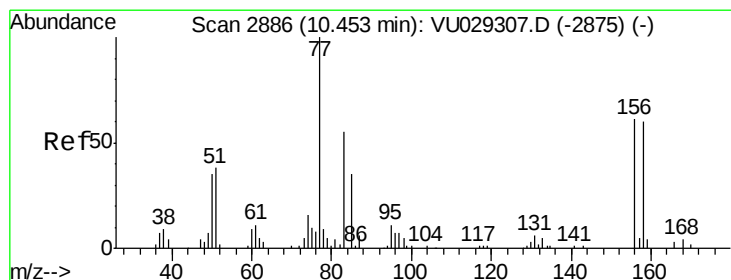
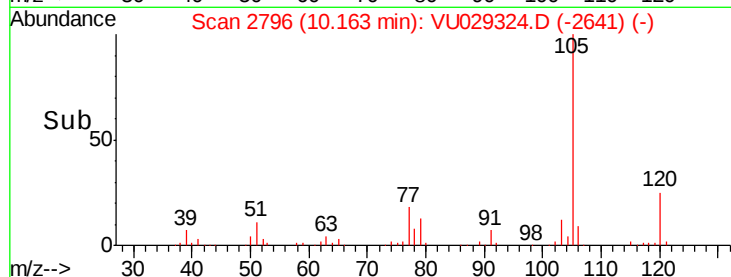
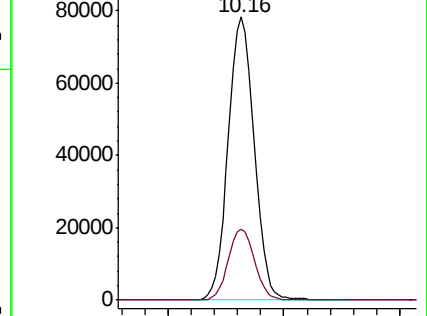
105 100

120 25.3 12.6 37.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 10.520 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

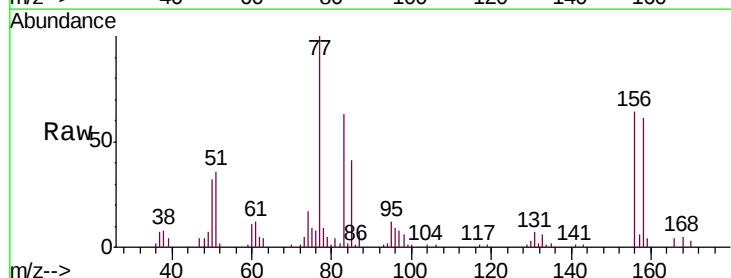
Tgt Ion: 83 Resp: 24519

Ion Ratio Lower Upper

83 100

131 10.9 8.1 12.1

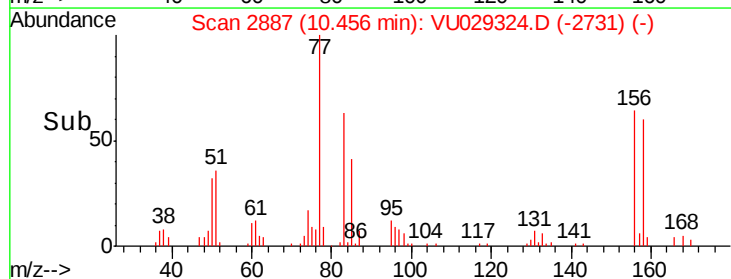
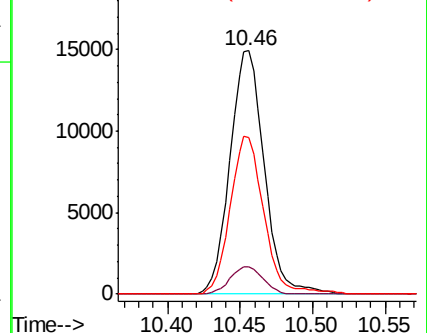
85 63.5 50.3 75.5

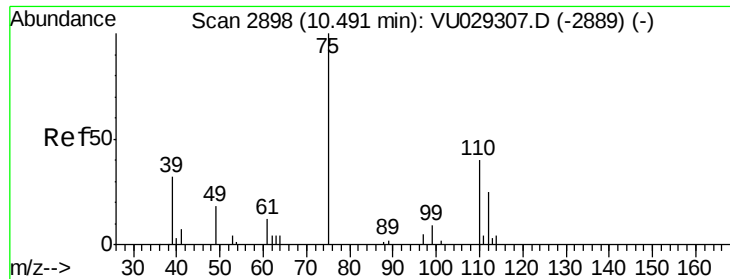


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

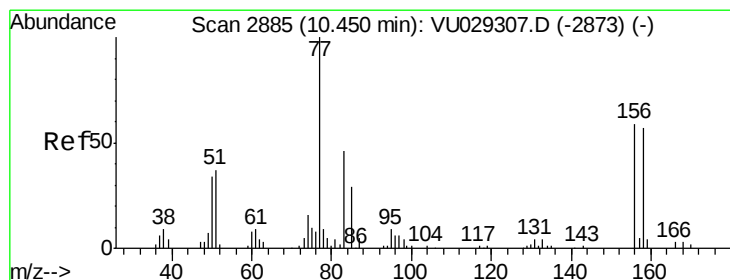
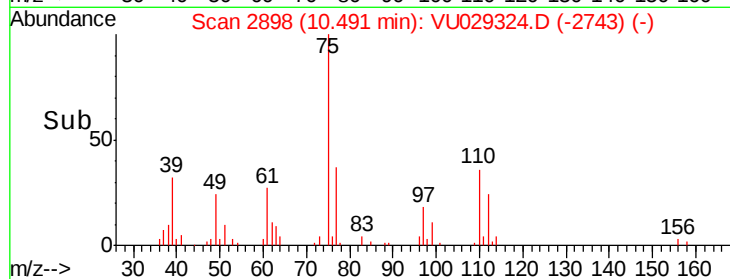
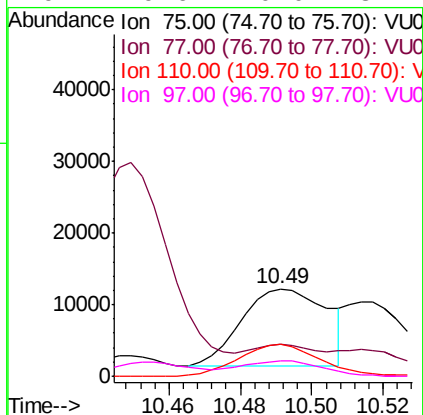
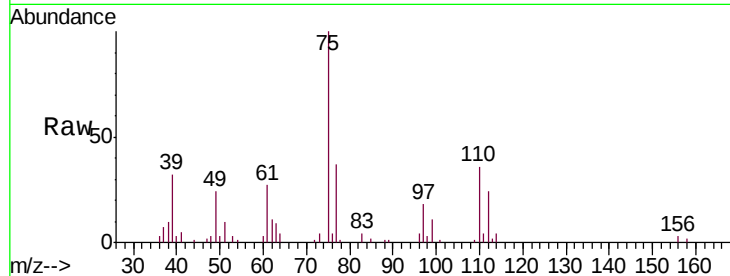




#71
 1,2,3-Trichloropropane
 Concen: 8.938 ug/l
 RT: 10.49 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

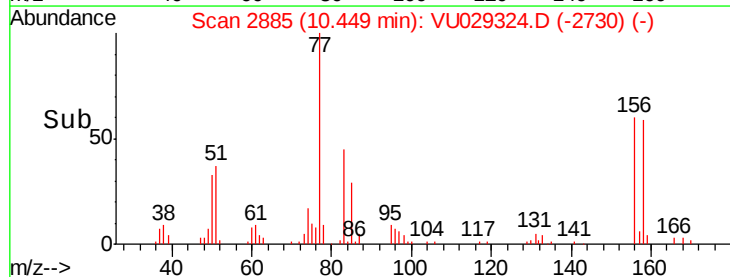
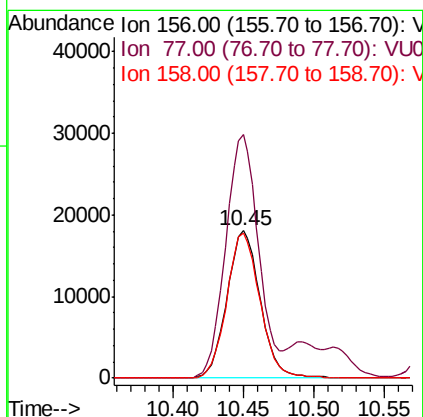
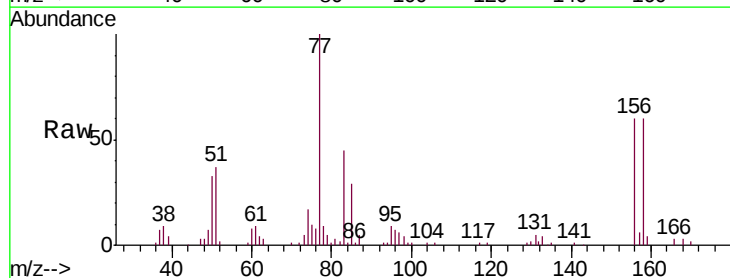
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

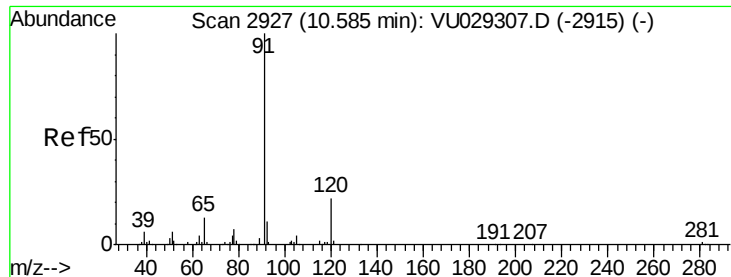
Tgt Ion:	75	Resp:	17683
Ion	Ratio	Lower	Upper
75	100		
77	9.3	0.0	0.0#
110	39.6	0.0	63.6
97	19.6	0.0	31.4



#72
 Bromobenzene
 Concen: 11.267 ug/l
 RT: 10.45 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Tgt Ion:	156	Resp:	29787
Ion	Ratio	Lower	Upper
156	100		
77	164.5	0.0	343.8
158	98.3	0.0	195.0

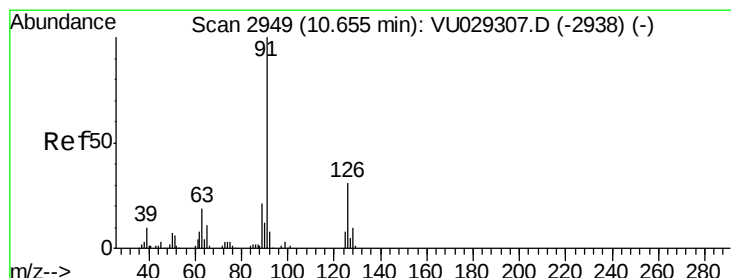
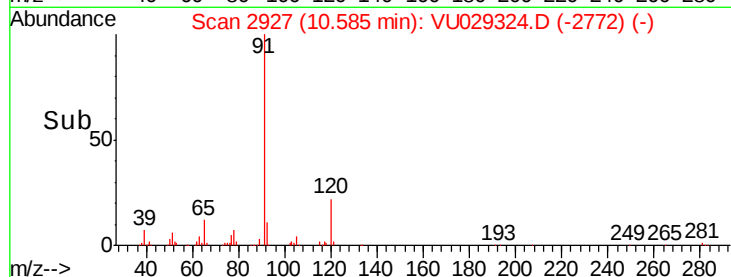
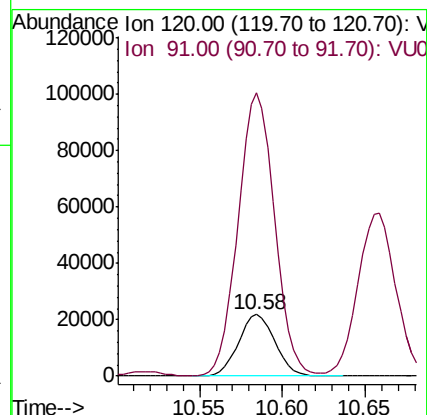
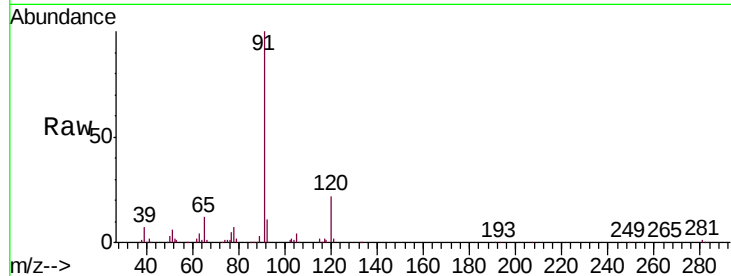




#73
n-propylbenzene
Concen: 11.598 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

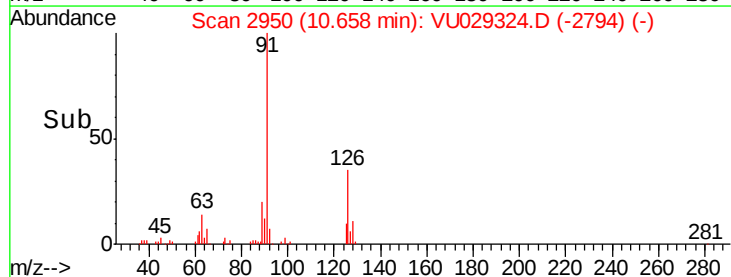
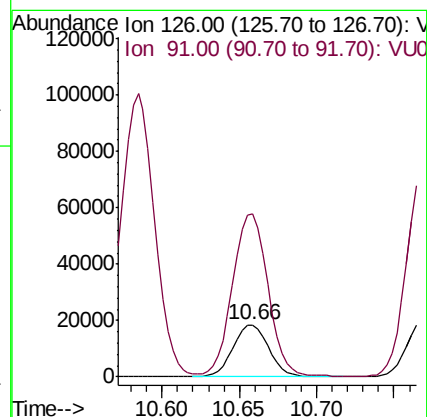
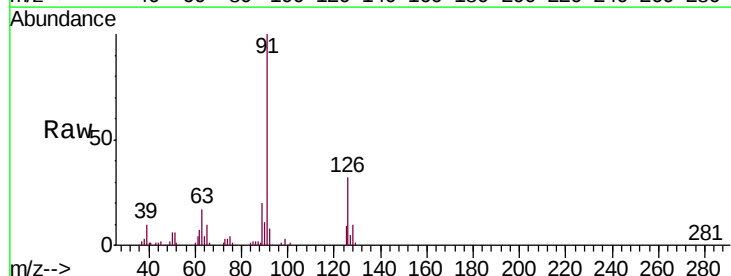
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

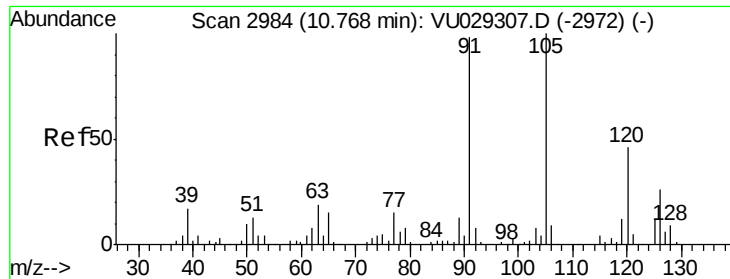
Tgt Ion:120 Resp: 33434
Ion Ratio Lower Upper
120 100
91 460.8 370.0 555.0



#74
2-Chlorotoluene
Concen: 11.721 ug/l
RT: 10.66 min Scan# 2950
Delta R.T. 0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Tgt Ion:126 Resp: 29439
Ion Ratio Lower Upper
126 100
91 315.7 0.0 643.0





#75

1,3,5-Trimethylbenzene

Concen: 11.720 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

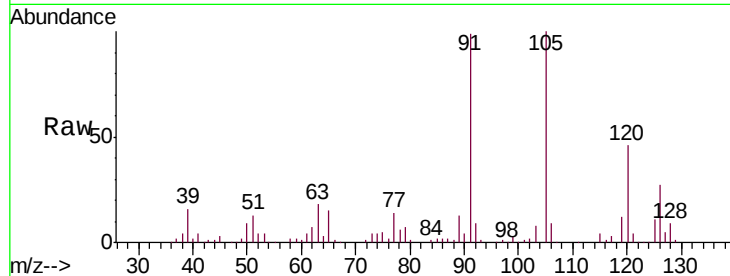
VSTDCCC010EC

Tgt Ion:105 Resp: 111278

Ion Ratio Lower Upper

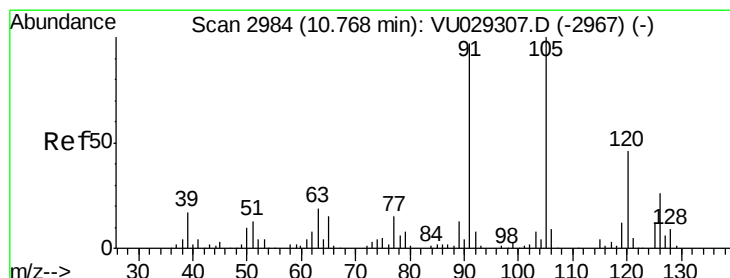
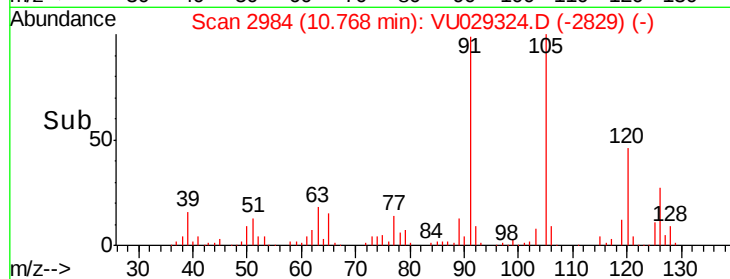
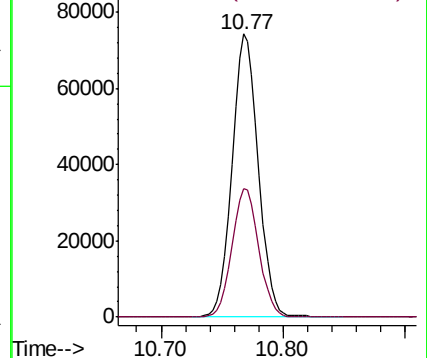
105 100

120 46.4 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 11.515 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029324.D

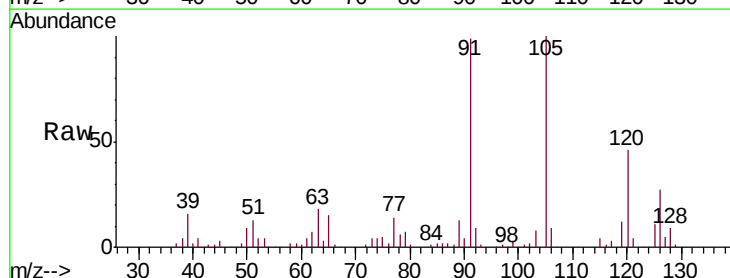
Acq: 30 Jan 2019 18:56

Tgt Ion:126 Resp: 30685

Ion Ratio Lower Upper

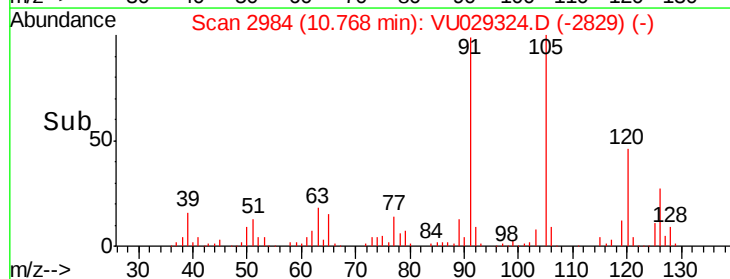
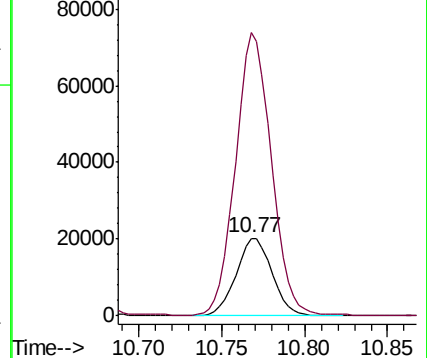
126 100

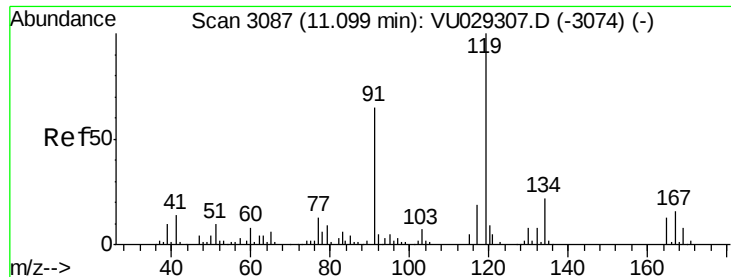
91 365.4 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

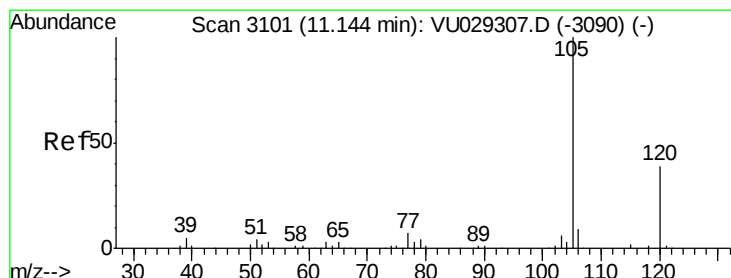
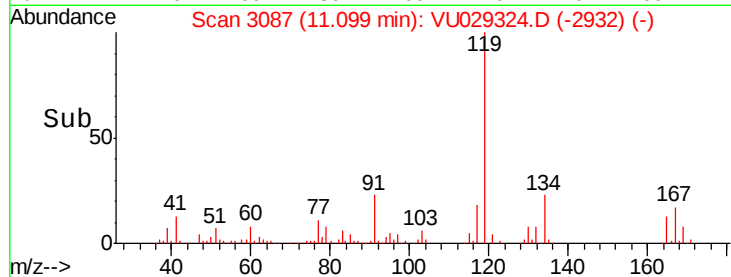
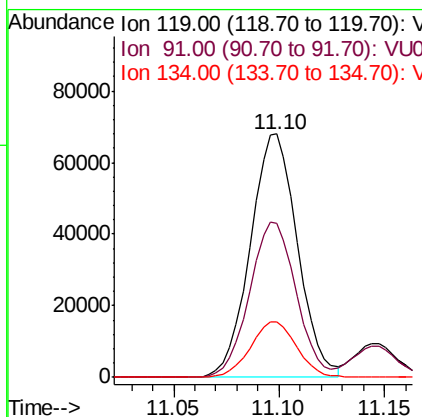
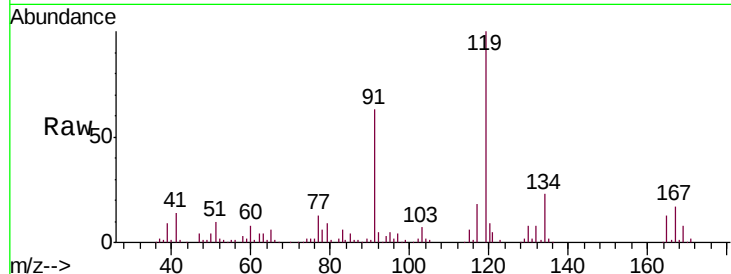




#77
 tert-Butylbenzene
 Concen: 11.590 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

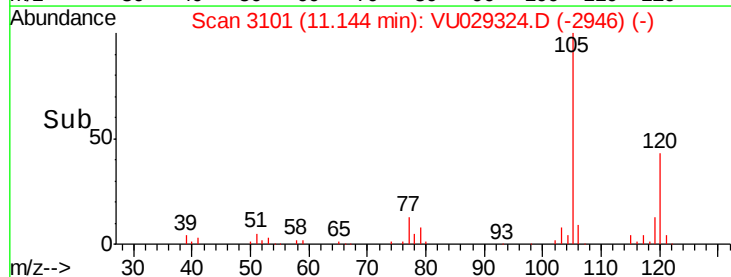
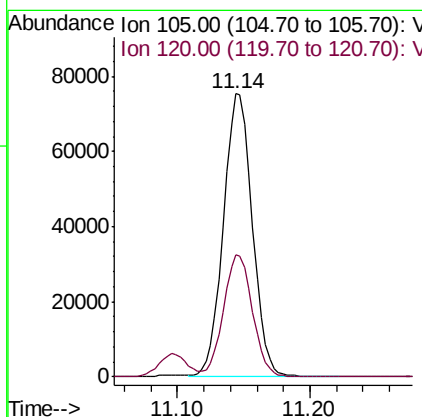
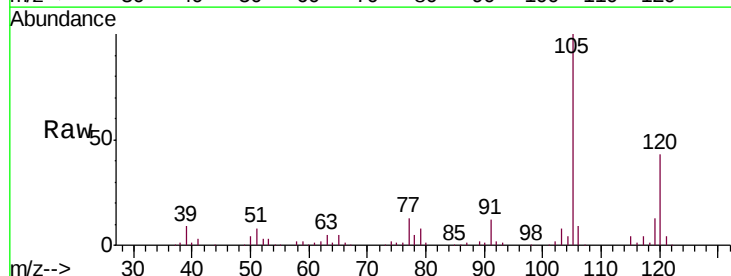
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

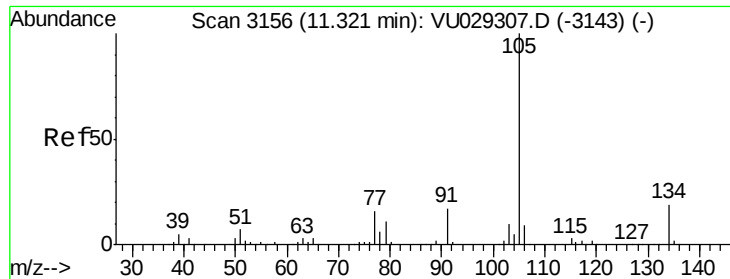
Tgt Ion:	119	Resp:	105727
Ion	Ratio	Lower	Upper
119	100		
91	62.8	32.2	96.6
134	22.4	17.6	26.4



#78
 1,2,4-Trimethylbenzene
 Concen: 11.830 ug/l
 RT: 11.14 min Scan# 3101
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Tgt Ion:	105	Resp:	114462
Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.4	64.3

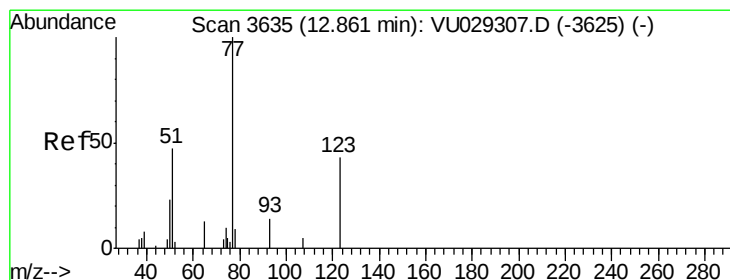
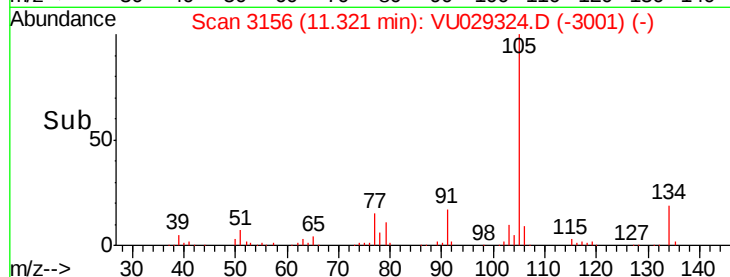
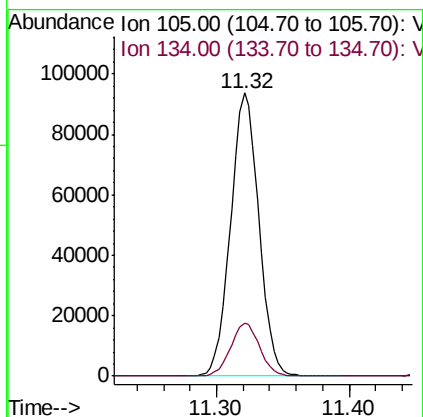
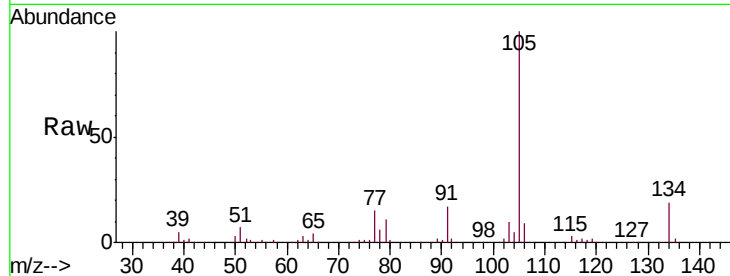




#79
 sec-Butylbenzene
 Concen: 11.604 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

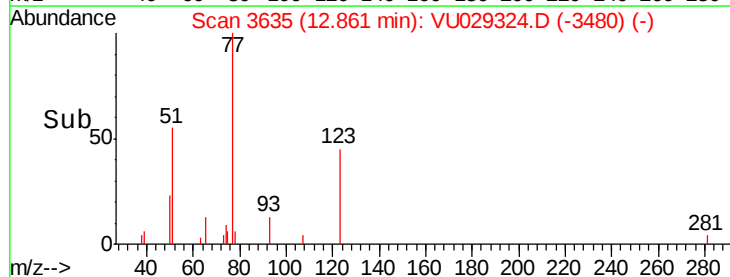
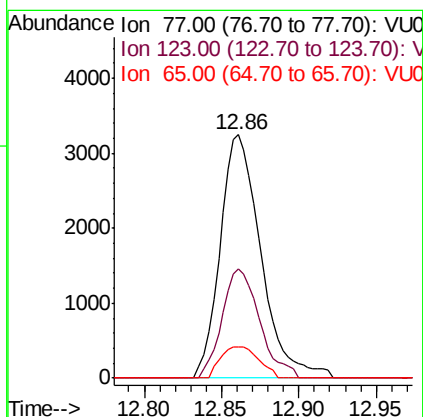
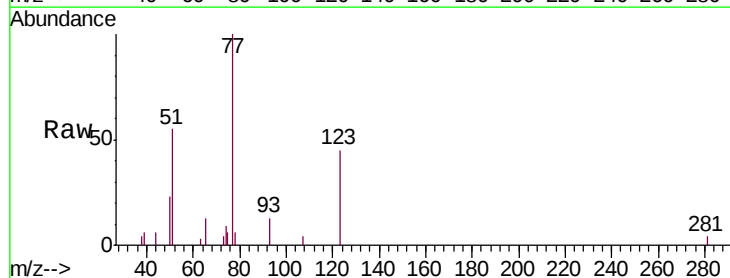
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

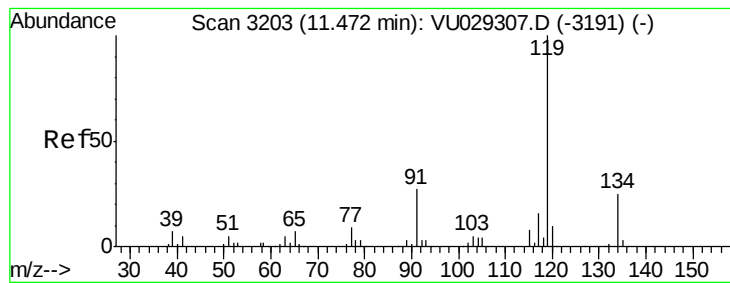
Tgt Ion: 105 Resp: 138543
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.0 22.6



#80
 Nitrobenzene
 Concen: 50.331 ug/l
 RT: 12.86 min Scan# 3635
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Tgt Ion: 77 Resp: 5932
 Ion Ratio Lower Upper
 77 100
 123 41.2 17.5 61.9
 65 12.1 10.8 13.8





#81

p-Isopropyltoluene

Concen: 12.061 ug/l

RT: 11.47 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

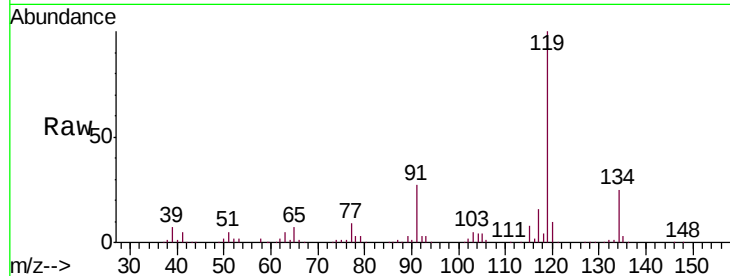
Tgt Ion:119 Resp: 121774

Ion Ratio Lower Upper

119 100

134 25.1 19.8 29.6

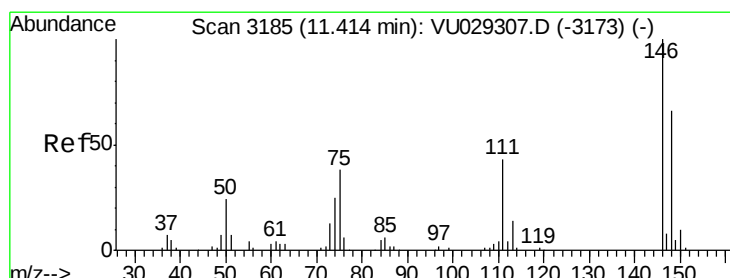
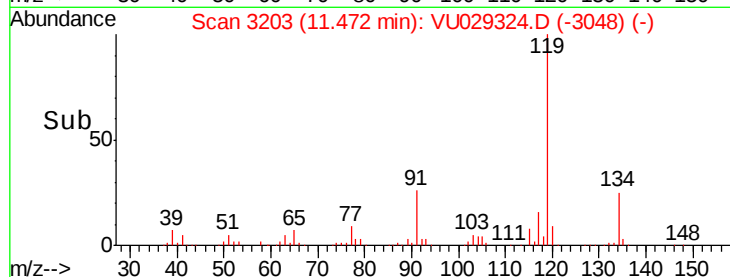
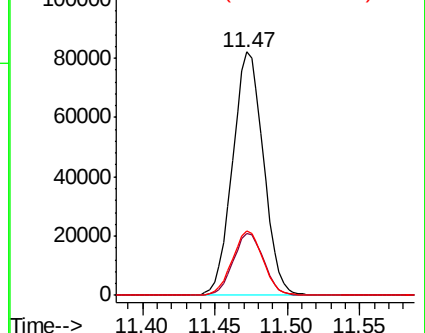
91 26.3 21.5 32.3



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



#82

1,3-Dichlorobenzene

Concen: 11.131 ug/l

RT: 11.41 min Scan# 3185

Delta R.T. -0.00 min

Lab File: VU029324.D

Acq: 30 Jan 2019 18:56

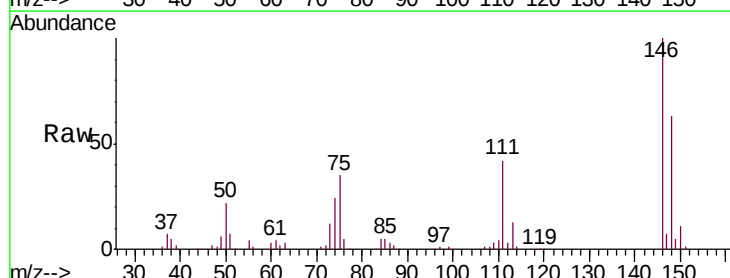
Tgt Ion:146 Resp: 61024

Ion Ratio Lower Upper

146 100

111 41.2 34.1 51.1

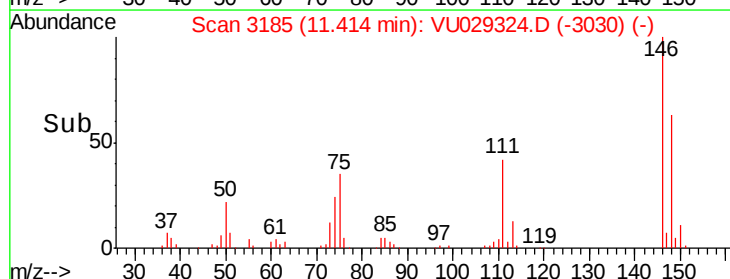
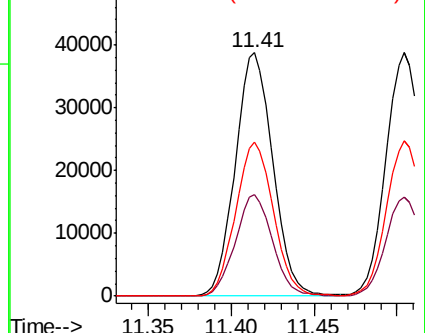
148 63.5 52.3 78.5

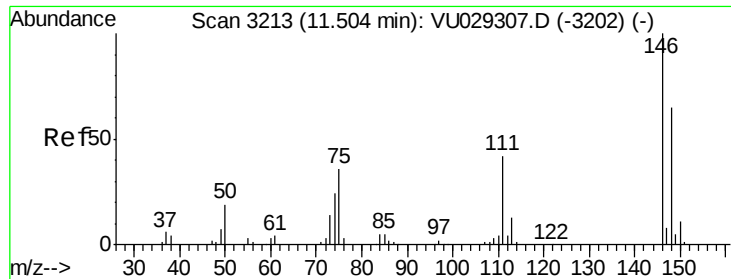


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

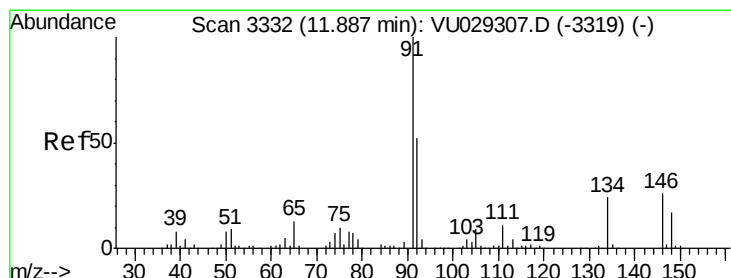
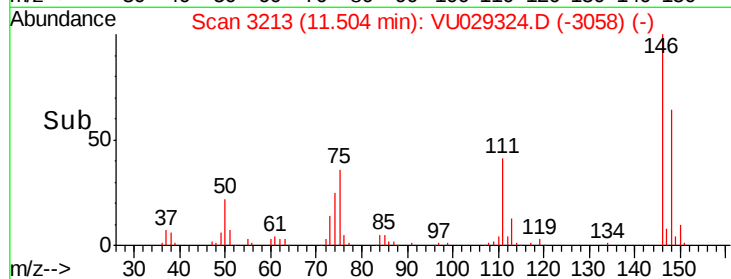
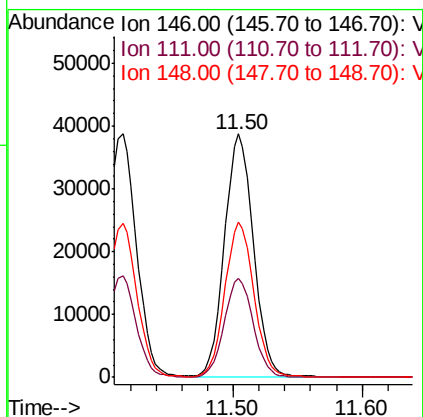
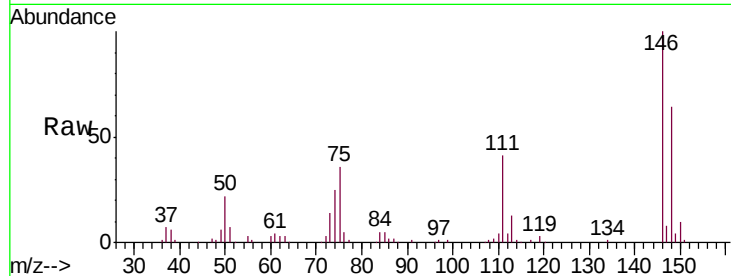




#83
 1,4-Dichlorobenzene
 Concen: 10.993 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

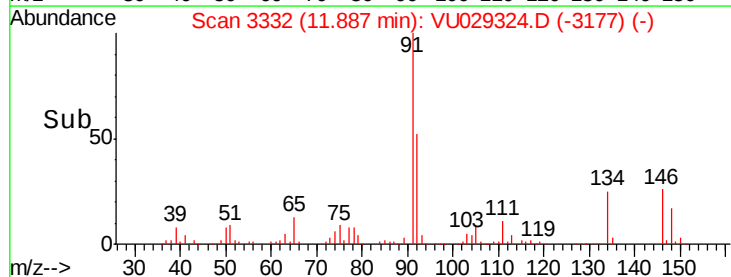
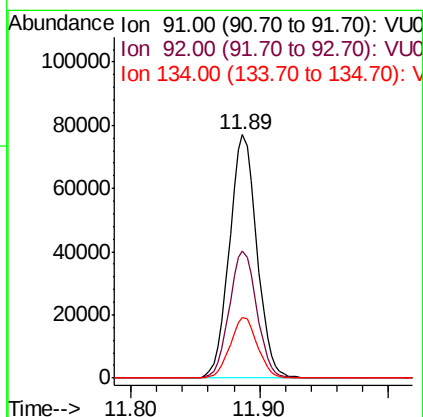
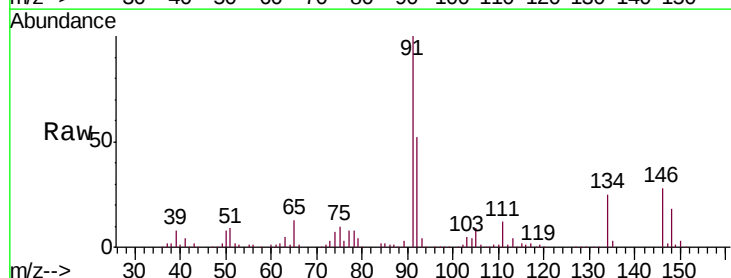
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

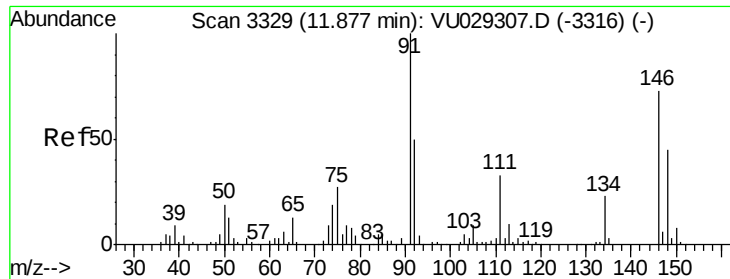
Tgt Ion: 146 Resp: 60713
 Ion Ratio Lower Upper
 146 100
 111 40.4 32.9 49.3
 148 63.9 51.8 77.6



#84
 n-Butylbenzene
 Concen: 11.599 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Tgt Ion: 91 Resp: 113815
 Ion Ratio Lower Upper
 91 100
 92 52.2 41.0 61.6
 134 24.7 19.1 28.7

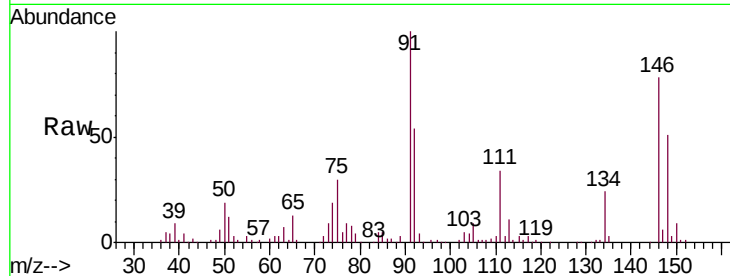




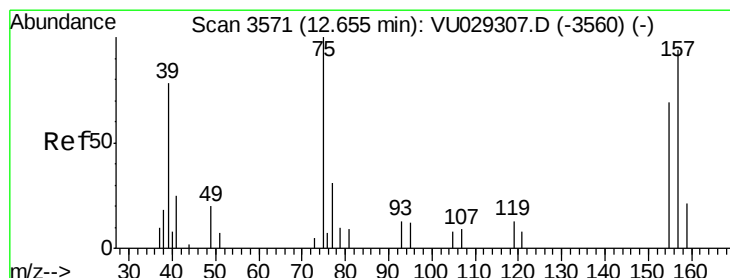
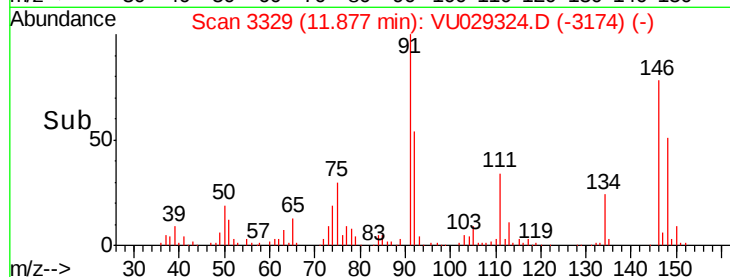
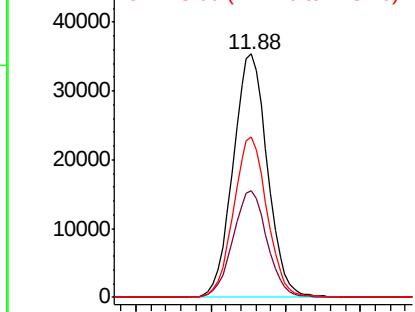
#85
 1,2-Dichlorobenzene
 Concen: 11.386 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 146 Resp: 56499
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.9 65.8
 148 64.3 31.8 95.3

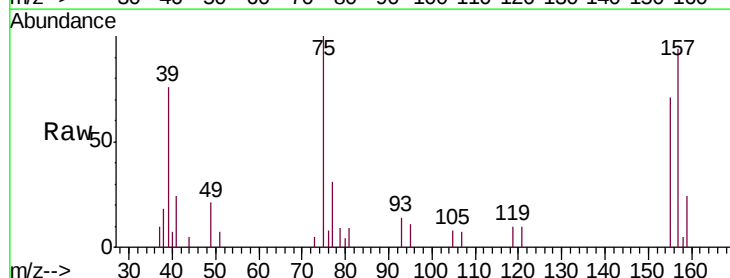


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

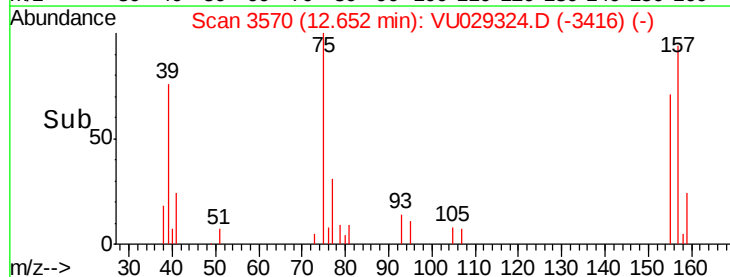
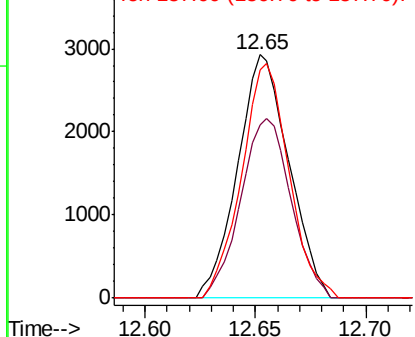


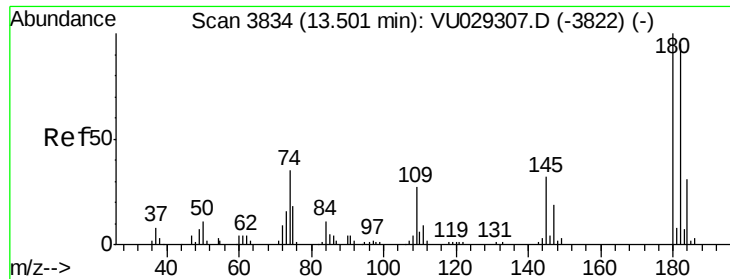
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.023 ug/l
 RT: 12.65 min Scan# 3570
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Tgt Ion: 75 Resp: 4716
 Ion Ratio Lower Upper
 75 100
 155 72.6 53.8 80.8
 157 89.1 69.2 103.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

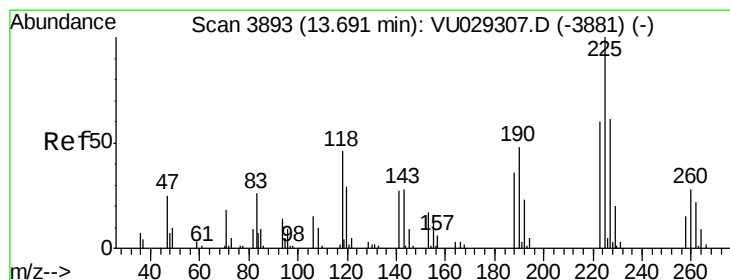
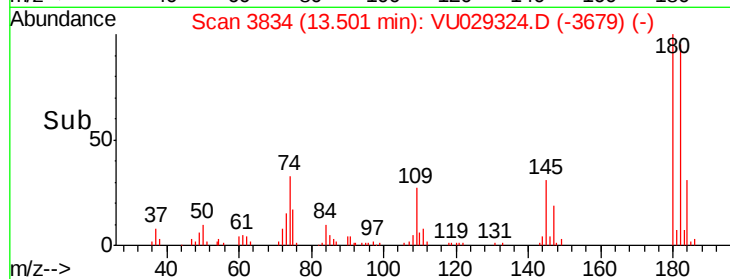
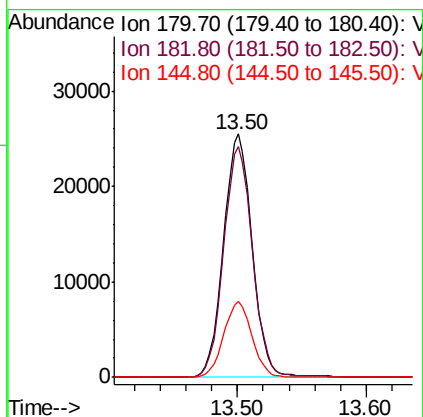
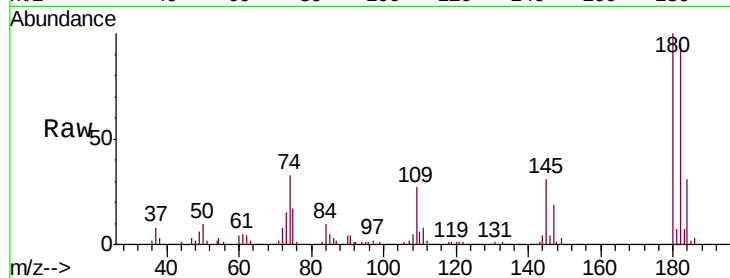




#87
 1,2,4-Trichlorobenzene
 Concen: 11.705 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

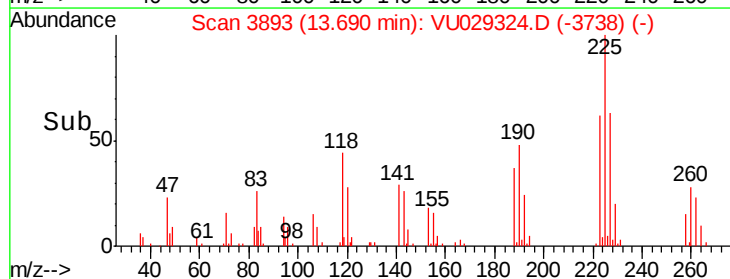
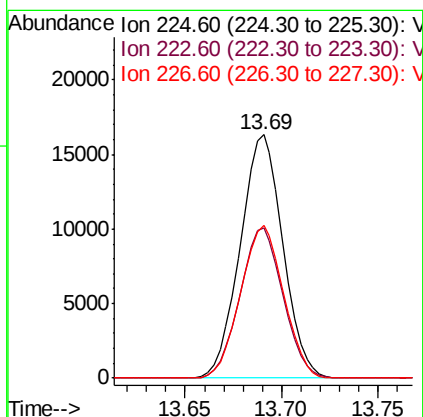
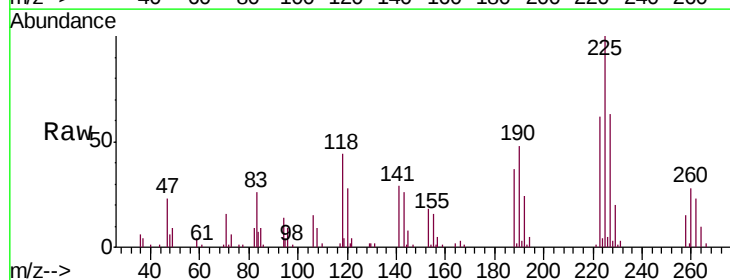
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

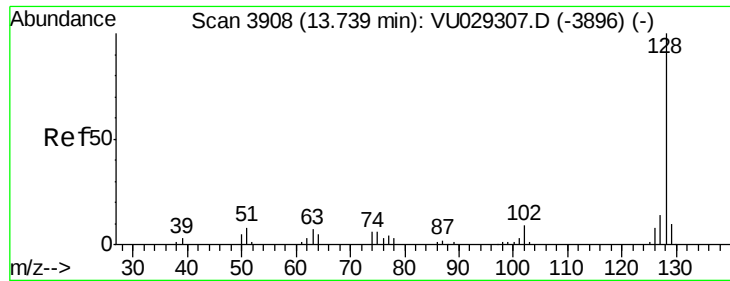
Tgt Ion:180 Resp: 39279
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.6 114.8
 145 30.6 24.6 36.8



#88
 Hexachlorobutadiene
 Concen: 11.700 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029324.D
 Acq: 30 Jan 2019 18:56

Tgt Ion:225 Resp: 25047
 Ion Ratio Lower Upper
 225 100
 223 62.2 49.5 74.3
 227 63.1 50.4 75.6

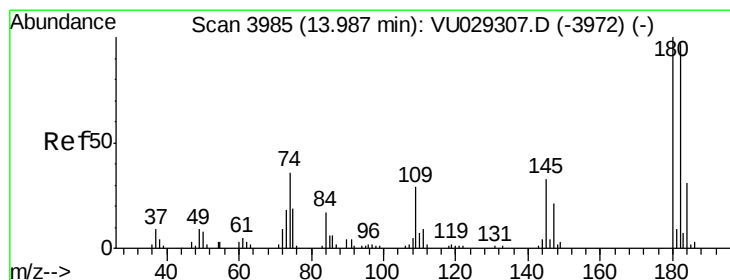
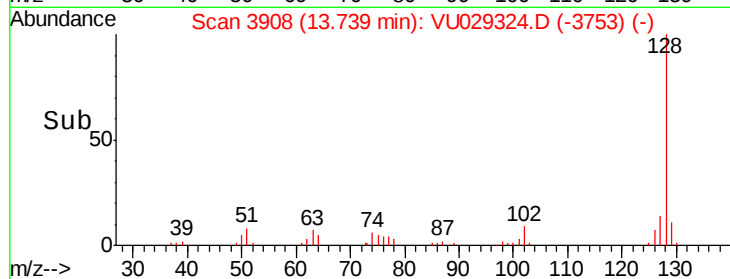
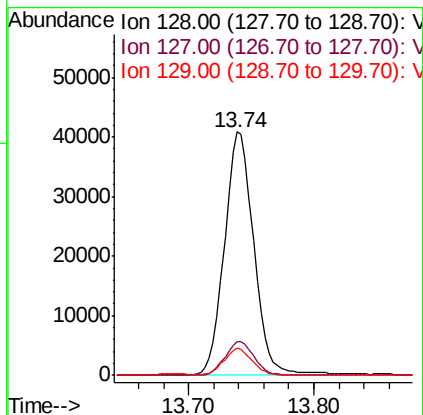
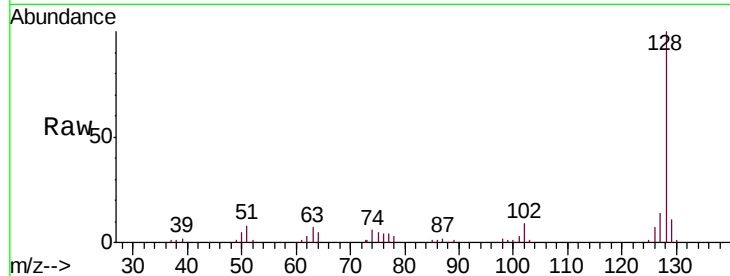




#89
Naphthalene
Concen: 12.401 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 66827
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 10.6 8.2 12.4



#90
1,2,3-Trichlorobenzene
Concen: 12.194 ug/l
RT: 13.98 min Scan# 3984
Delta R.T. -0.00 min
Lab File: VU029324.D
Acq: 30 Jan 2019 18:56

Tgt Ion:180 Resp: 38061
Ion Ratio Lower Upper
180 100
182 93.8 78.0 117.0
145 31.6 26.6 39.8

