

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
 Data File : VU028329.D
 Acq On : 26 Nov 2018 10:37
 Operator : MD/SY
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Quant Time: Nov 27 00:43:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 00:37:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	49955	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	18028	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	17123	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	33996	1.892 ug/l	97
3) Chloromethane	1.32	50	55046	1.800 ug/l	99
4) Vinyl Chloride	1.40	62	38223	1.826 ug/l	99
5) Bromomethane	1.63	94	15311	1.856 ug/l	94
6) Chloroethane	1.70	64	23391	1.914 ug/l	92
7) Trichlorofluoromethane	1.89	101	44433	1.944 ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	25899	1.970 ug/l	99
9) 1,1-Dichloroethene	2.29	96	23916	1.966 ug/l	92
10) Iodomethane	2.41	142	14353	1.745 ug/l	96
11) Allyl Chloride	2.59	41	59507	1.938 ug/l	99
12) Acrylonitrile	2.95	53	14963	3.862 ug/l	93
13) Acetone	2.34	43	34048	9.484 ug/l	99
14) Carbon Disulfide	2.48	76	87592	1.896 ug/l	100
15) Methylene Chloride	2.70	84	27875	1.880 ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	25946	1.906 ug/l	96
17) 1,1-Dichloroethane	3.44	63	58250	1.920 ug/l	99
18) 2-Butanone	4.29	43	50984	9.504 ug/l	100
19) Cyclohexane	4.99	56	50198	1.906 ug/l	98
20) Methylcyclohexane	6.41	83	48410	1.877 ug/l	97
21) 2,2-Dichloropropane	4.23	77	46549	1.911 ug/l	100
22) cis-1,2-Dichloroethene	4.23	96	31551	1.981 ug/l	99
23) Diethyl Ether	2.11	59	23497	1.927 ug/l	99
24) tert-Butyl Alcohol	2.87	59	23678	20.077 ug/l	100
25) Methyl tert-Butyl Ether	3.01	73	69582	1.926 ug/l	100
26) Bromochloromethane	4.56	128	11129	1.833 ug/l	87
27) Chloroform	4.67	83	57104	1.951 ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	43694	1.912 ug/l	98
29) 1,1-Dichloropropene	5.13	75	42587	1.943 ug/l	98
30) Carbon Tetrachloride	5.13	117	34888	1.890 ug/l	98
31) Isopropyl Ether	3.58	45	102761	1.891 ug/l	97
32) Ethyl-t-butyl ether	4.08	59	83874	1.874 ug/l	100
33) Tert-Amyl methyl ether	5.58	73	71063	1.914 ug/l	98
34) Propionitrile	4.35	54	12238	9.081 ug/l #	94
35) Benzene	5.39	78	123293	1.910 ug/l	97
36) 1,2-Dichloroethane	5.40	62	37100	1.922 ug/l	100
37) Trichloroethene	6.19	130	26213	1.865 ug/l	98
38) 1,2-Dichloropropane	6.43	63	35774	1.944 ug/l	93
39) Methacrylonitrile	4.56	41	12588	1.744 ug/l	90
40) Methyl acrylate	4.43	55	17928	1.805 ug/l	98
41) Tetrahydrofuran	4.66	42	14119	3.891 ug/l	97
42) 1-Chlorobutane	5.06	56	66471	1.907 ug/l	97

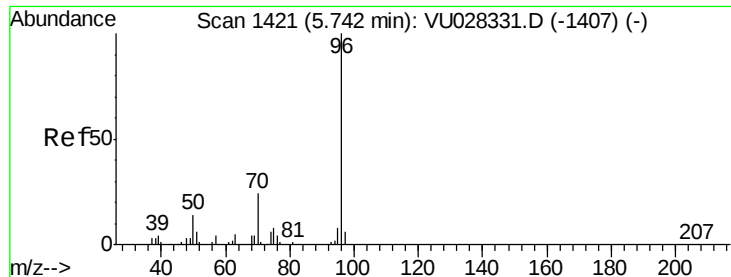
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U0112618\
 Data File : VU028329.D
 Acq On : 26 Nov 2018 10:37
 Operator : MD/SY
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Quant Time: Nov 27 00:43:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 00:37:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	15401	1.966	ug/l	97
44) Bromodichloromethane	6.76	83	40094	1.938	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	118624	9.426	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	17385	3.853	ug/l	96
47) Methyl methacrylate	6.63	69	29997	3.751	ug/l	97
48) Ethyl methacrylate	8.02	69	29047	1.816	ug/l	99
49) Toluene	7.64	92	68689	1.916	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	37359	1.880	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	46857	1.910	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	20587	1.872	ug/l	94
53) 1,3-Dichloropropane	8.24	76	39466	1.921	ug/l	100
54) 2-Hexanone	8.37	43	84595	9.344	ug/l	100
55) Dibromochloromethane	8.48	129	22102	1.889	ug/l	96
56) 1,2-Dibromoethane	8.58	107	19237	1.920	ug/l	99
58) Tetrachloroethene	8.22	164	23791	1.849	ug/l	92
59) Chlorobenzene	9.12	112	69423	1.861	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	24249	1.919	ug/l	98
61) Pentachloroethane	11.10	117	19103	1.942	ug/l	87
62) Hexachloroethane	12.14	117	17185	1.864	ug/l	99
63) Ethyl Benzene	9.25	91	131916	1.917	ug/l	99
64) m/p-Xylenes	9.37	106	93498	3.754	ug/l	98
65) o-Xylene	9.78	106	45718	1.902	ug/l	99
66) Styrene	9.79	104	79467	1.928	ug/l	98
67) Bromoform	9.96	173	12576	1.918	ug/l	99
69) Isopropylbenzene	10.16	105	120385	1.871	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	27431	1.859	ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	17385	1.710	ug/l #	93
72) Bromobenzene	10.45	156	26973	1.888	ug/l	97
73) n-propylbenzene	10.58	120	31310	1.876	ug/l	99
74) 2-Chlorotoluene	10.66	126	27593	1.887	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	102487	1.892	ug/l	98
76) 4-Chlorotoluene	10.77	126	27855	1.879	ug/l	99
77) tert-Butylbenzene	11.10	119	95463	1.872	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	102988	1.856	ug/l	98
79) sec-Butylbenzene	11.32	105	132708	1.867	ug/l	99
80) Nitrobenzene	12.86	77	5449	8.198	ug/l	96
81) p-Isopropyltoluene	11.48	119	105023	1.859	ug/l	98
82) 1,3-Dichlorobenzene	11.41	146	53828	1.881	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	52739	1.852	ug/l	98
84) n-Butylbenzene	11.89	91	111259	1.876	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	50479	1.854	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4807	2.025	ug/l	89
87) 1,2,4-Trichlorobenzene	13.50	180	34864	1.821	ug/l	97
88) Hexachlorobutadiene	13.69	225	18757	1.811	ug/l	95
89) Naphthalene	13.74	128	66515	1.758	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	32074	1.777	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1421

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 96 Resp: 49955

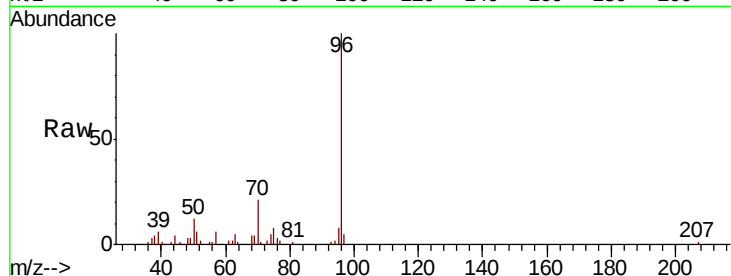
Ion Ratio Lower Upper

96 100

70 23.2 17.8 26.8

95 8.7 7.6 11.4

97 5.5 0.0 0.0#

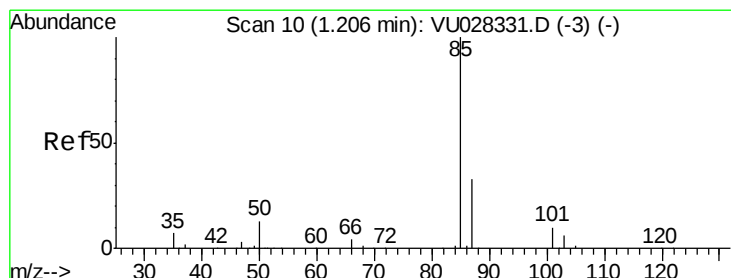
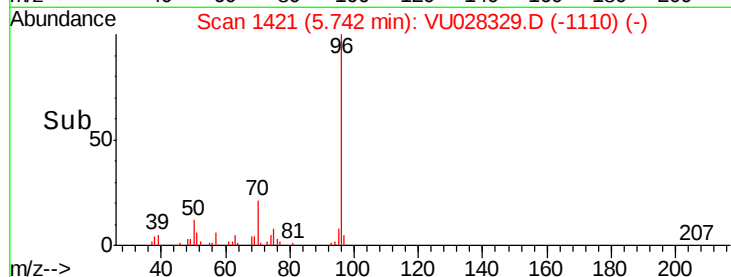
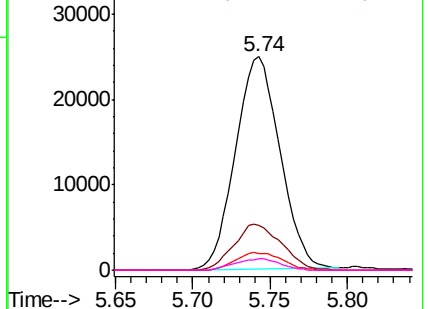


Abundance Ion 96.00 (95.70 to 96.70): VU028331.D (-1407) (-)

Ion 70.00 (69.70 to 70.70): VU028331.D (-1407) (-)

Ion 95.00 (94.70 to 95.70): VU028331.D (-1407) (-)

Ion 97.00 (96.70 to 97.70): VU028331.D (-1407) (-)



#2

Dichlorodifluoromethane

Concen: 1.892 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028329.D

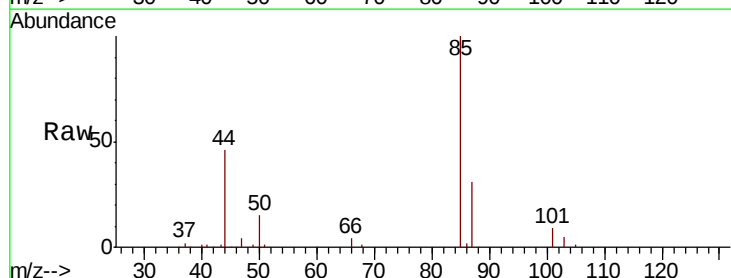
Acq: 26 Nov 2018 10:37

Tgt Ion: 85 Resp: 33996

Ion Ratio Lower Upper

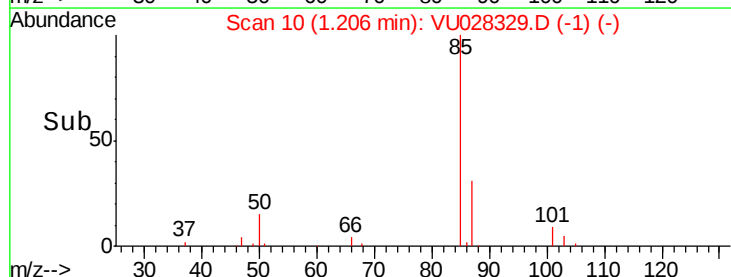
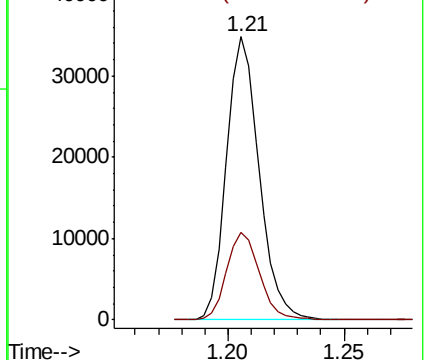
85 100

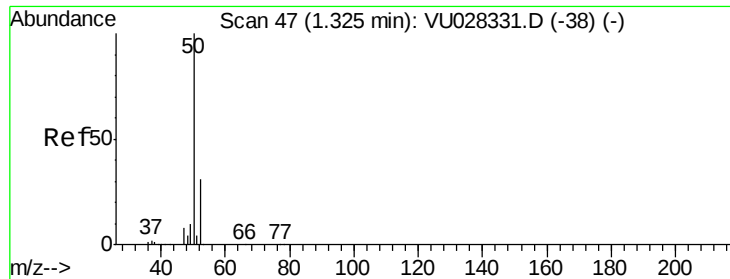
87 31.0 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VU028331.D (-3) (-)

Ion 87.00 (86.70 to 87.70): VU028331.D (-3) (-)





#3

Chloromethane

Concen: 1.800 ug/l

RT: 1.32 min Scan# 47

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

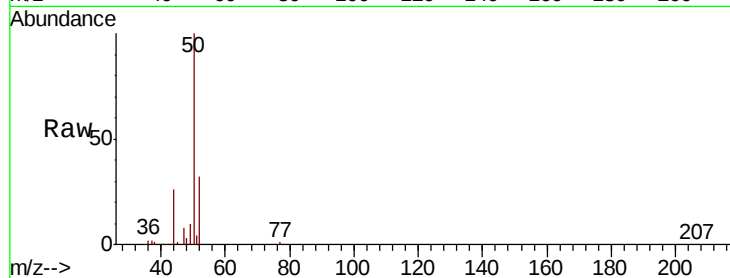
VSTDIC002

Tgt Ion: 50 Resp: 55046

Ion Ratio Lower Upper

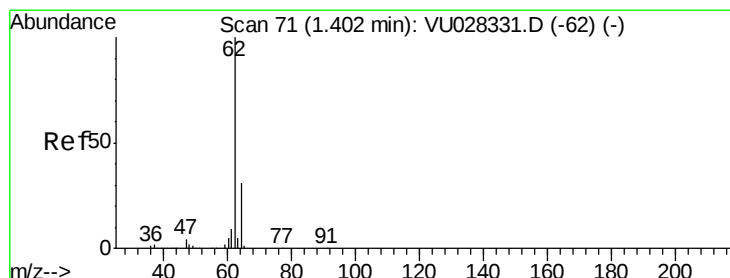
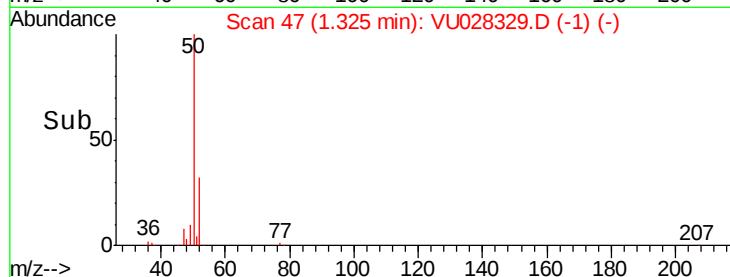
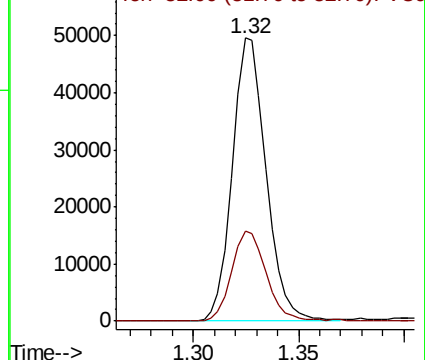
50 100

52 31.7 25.1 37.7



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 1.826 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU028329.D

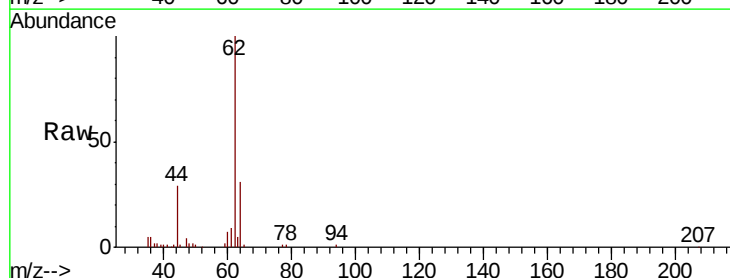
Acq: 26 Nov 2018 10:37

Tgt Ion: 62 Resp: 38223

Ion Ratio Lower Upper

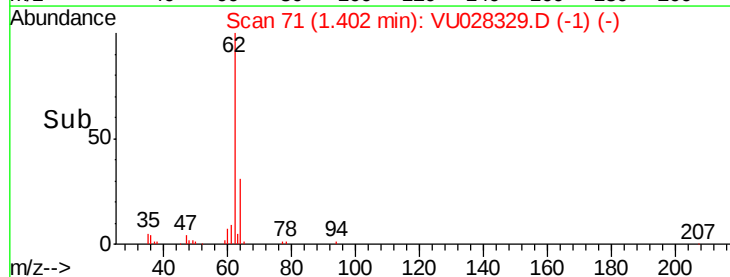
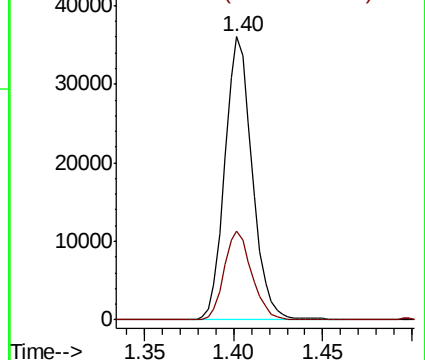
62 100

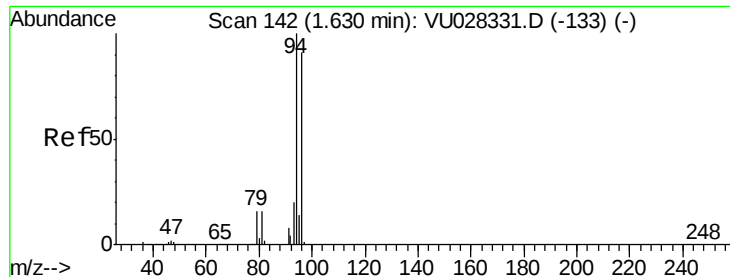
64 31.4 24.7 37.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 1.856 ug/l

RT: 1.63 min Scan# 142

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

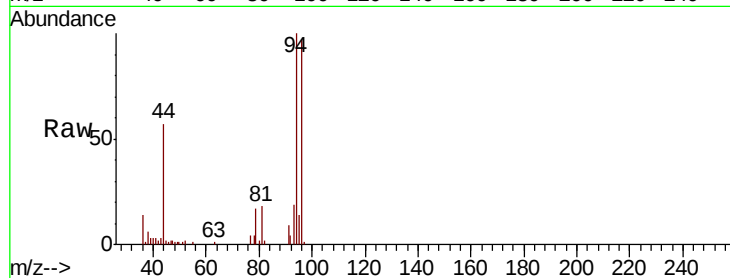
VSTDIC002

Tgt Ion: 94 Resp: 15311

Ion Ratio Lower Upper

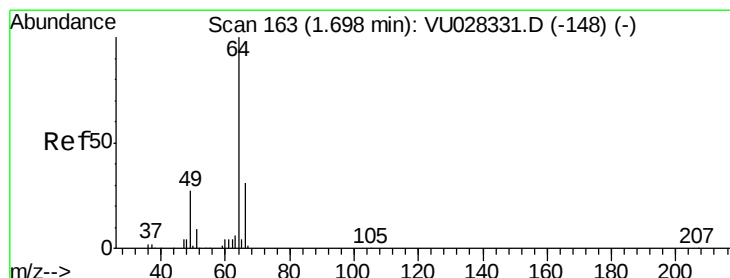
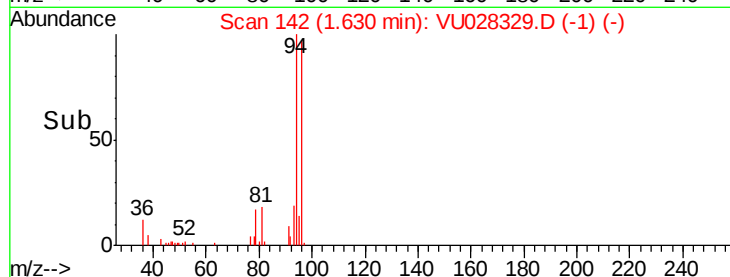
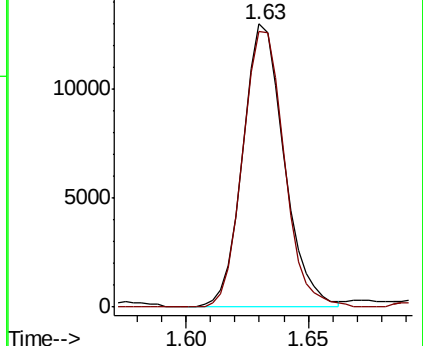
94 100

96 97.4 73.1 109.7



Abundance Ion 94.00 (93.70 to 94.70): VU028331.D (-133) (-)

Ion 96.00 (95.70 to 96.70): VU028331.D (-133) (-)



#6

Chloroethane

Concen: 1.914 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU028329.D

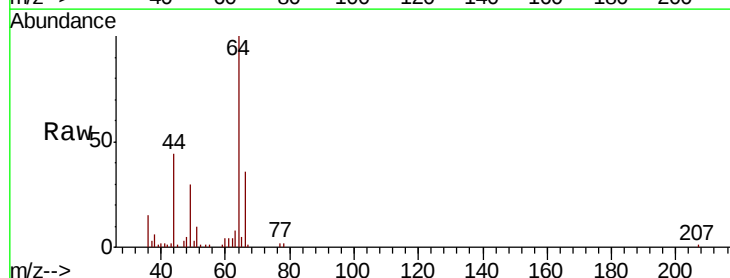
Acq: 26 Nov 2018 10:37

Tgt Ion: 64 Resp: 23391

Ion Ratio Lower Upper

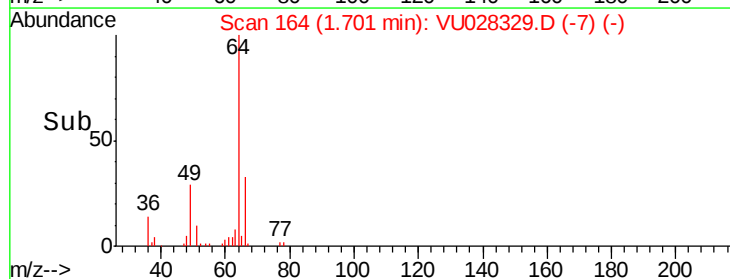
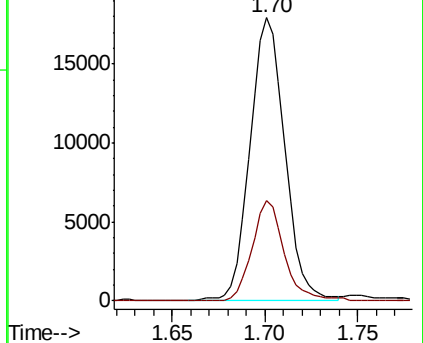
64 100

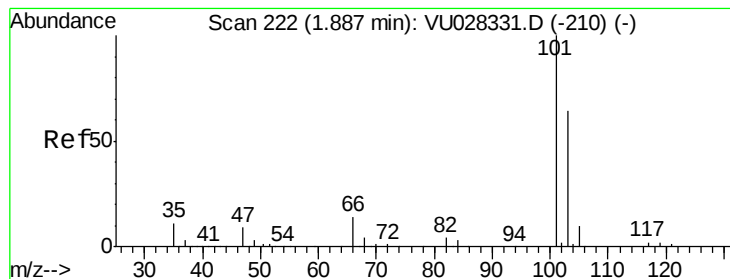
66 35.6 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VU028331.D (-148) (-)

Ion 66.00 (65.70 to 66.70): VU028331.D (-148) (-)



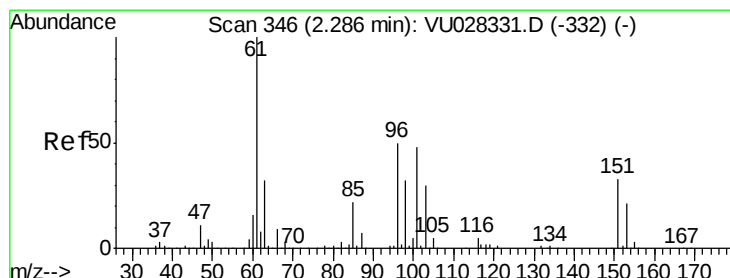
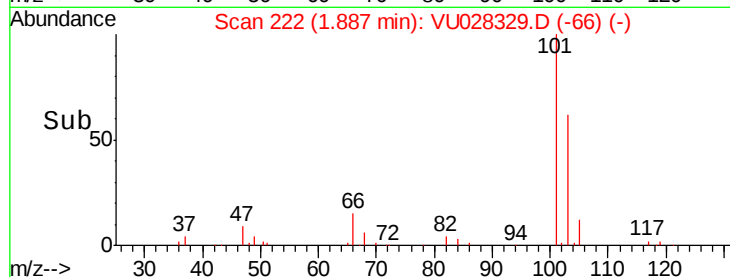
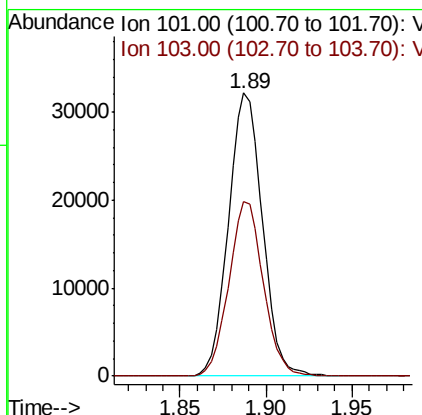
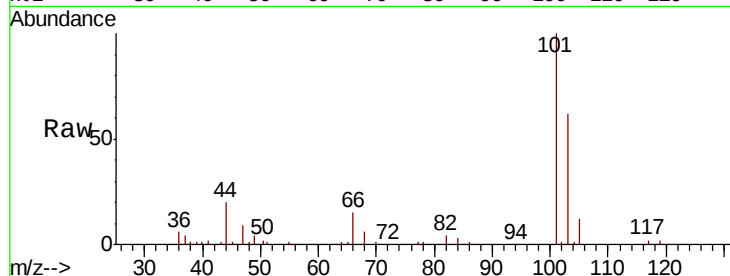


#7

Trichlorofluoromethane
Concen: 1.944 ug/l
RT: 1.89 min Scan# 222
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

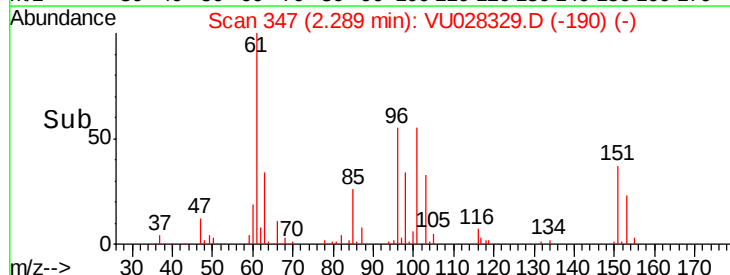
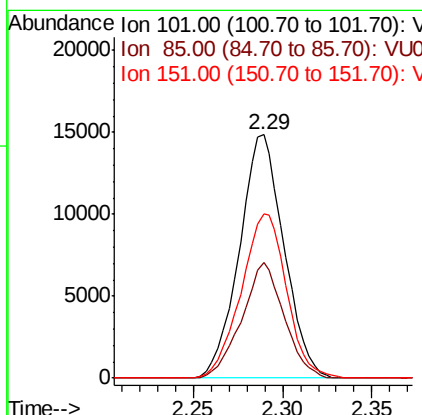
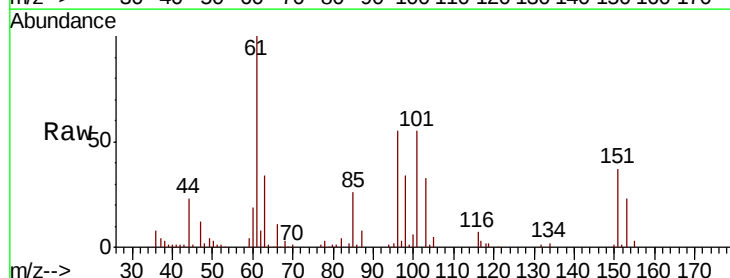
Tgt Ion:101 Resp: 44433
Ion Ratio Lower Upper
101 100
103 61.5 51.4 77.0

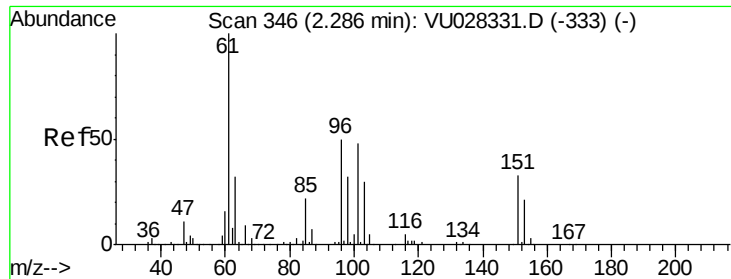


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.970 ug/l
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion:101 Resp: 25899
Ion Ratio Lower Upper
101 100
85 45.0 36.7 55.1
151 68.8 55.8 83.6





#9

1,1-Dichloroethene

Concen: 1.966 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

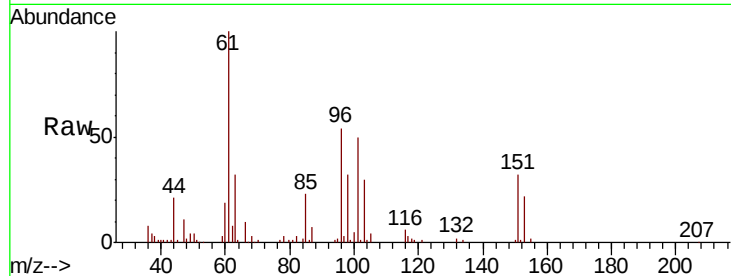
Tgt Ion: 96 Resp: 23916

Ion Ratio Lower Upper

96 100

61 186.5 0.0 597.6

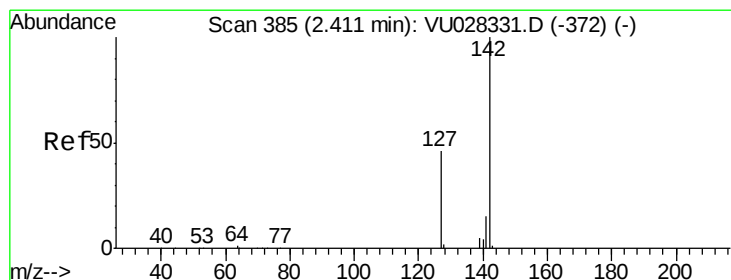
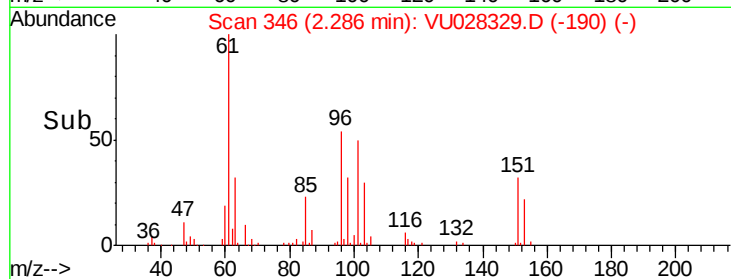
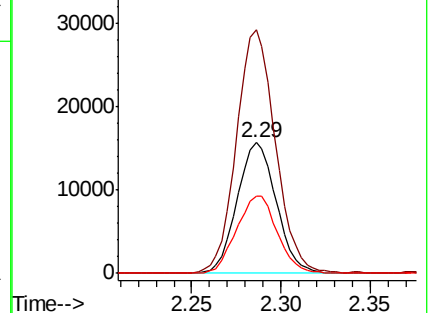
98 59.6 0.0 127.6



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



#10

Iodomethane

Concen: 1.745 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU028329.D

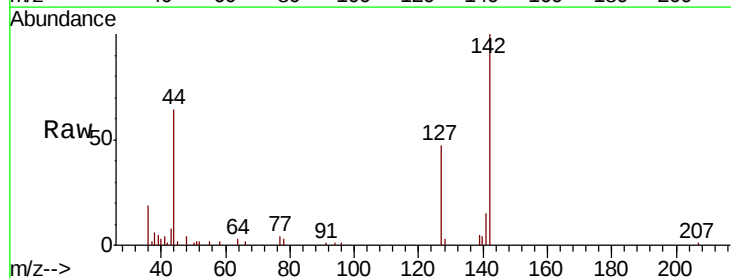
Acq: 26 Nov 2018 10:37

Tgt Ion: 142 Resp: 14353

Ion Ratio Lower Upper

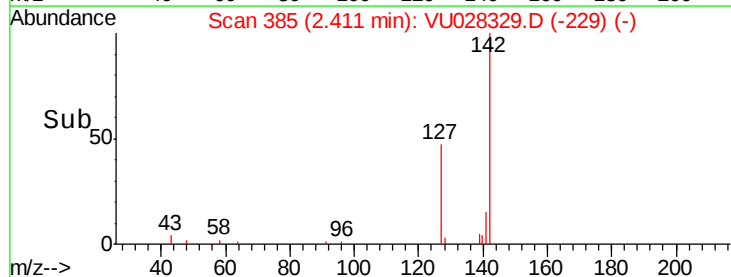
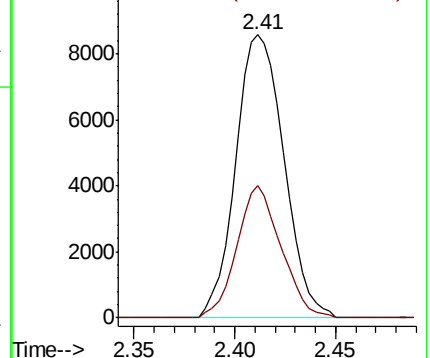
142 100

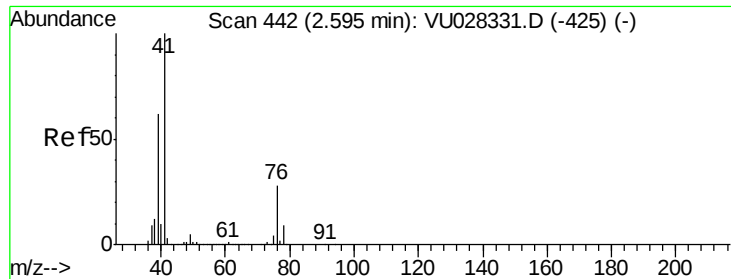
127 42.8 36.4 54.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

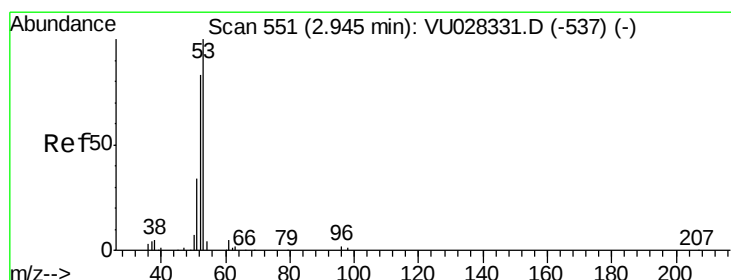
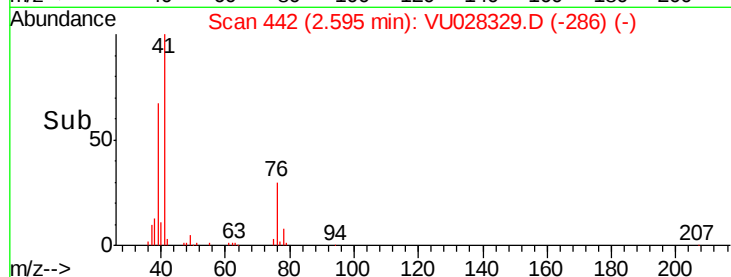
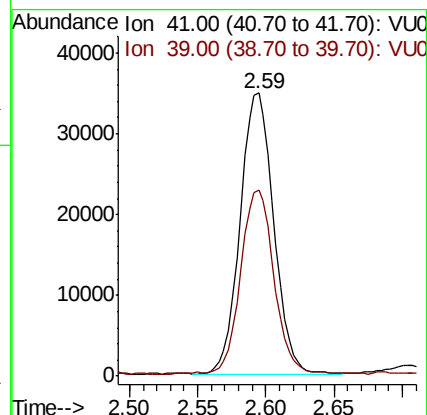
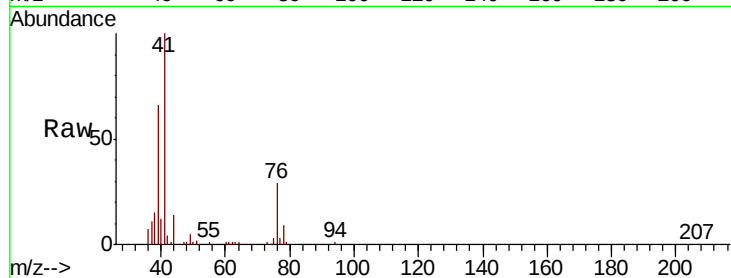




#11
 Allyl Chloride
 Concen: 1.938 ug/l
 RT: 2.59 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

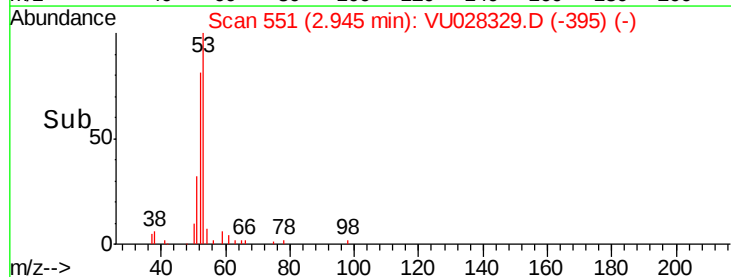
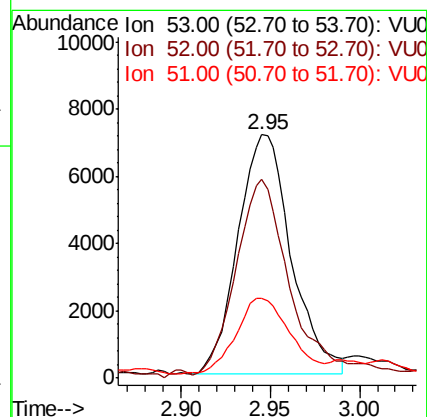
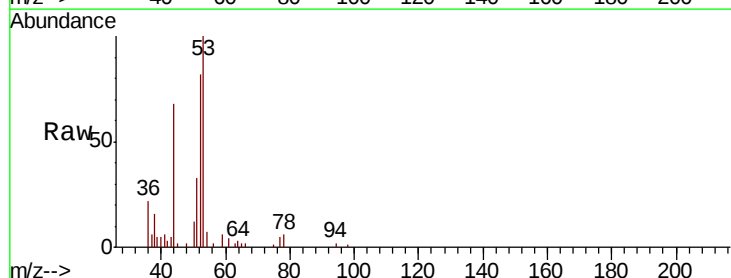
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

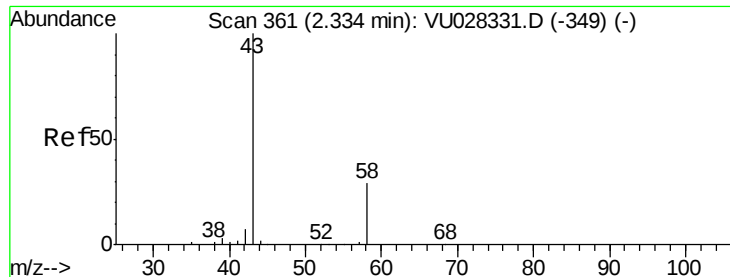
Tgt Ion: 41 Resp: 59507
 Ion Ratio Lower Upper
 41 100
 39 64.1 50.8 76.2



#12
 Acrylonitrile
 Concen: 3.862 ug/l
 RT: 2.95 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Tgt Ion: 53 Resp: 14963
 Ion Ratio Lower Upper
 53 100
 52 79.4 69.3 103.9
 51 32.1 27.8 41.8





#13

Acetone

Concen: 9.484 ug/l

RT: 2.34 min Scan# 362

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

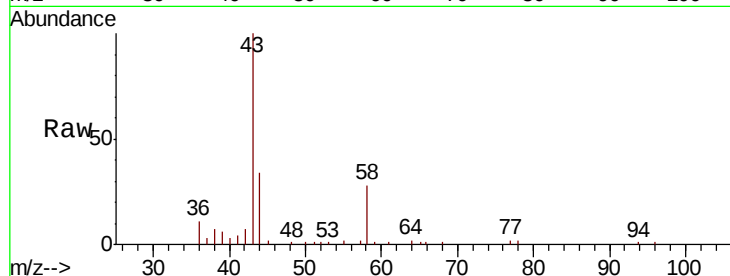
VSTDIC002

Tgt Ion: 43 Resp: 34048

Ion Ratio Lower Upper

43 100

58 28.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU028331.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VU028331.D (-349) (-)

2.34

15000

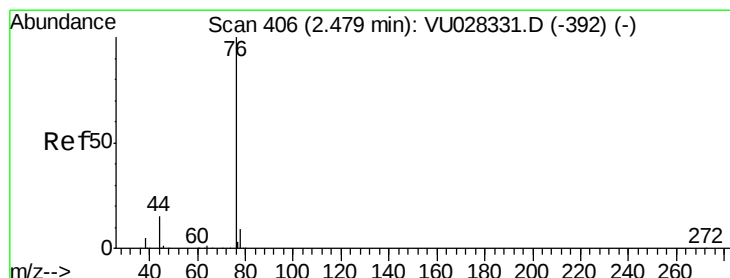
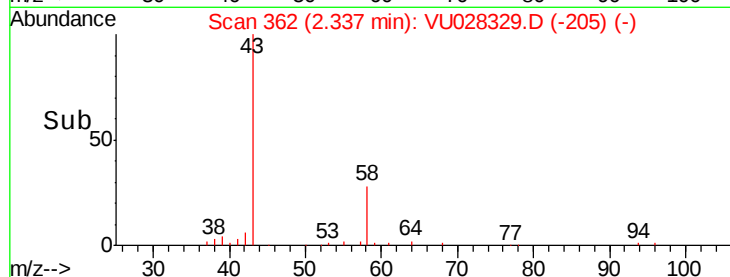
10000

5000

0

2.30 2.40

Time-->



#14

Carbon Disulfide

Concen: 1.896 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU028329.D

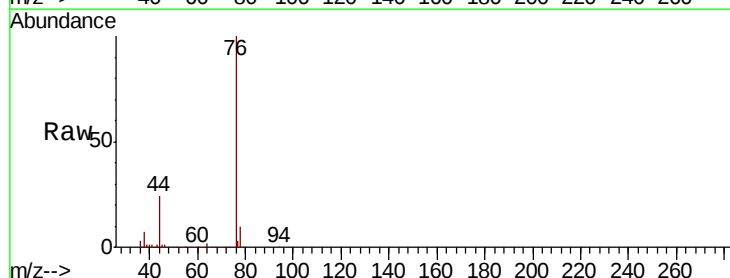
Acq: 26 Nov 2018 10:37

Tgt Ion: 76 Resp: 87592

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU028331.D (-392) (-)

Ion 78.00 (77.70 to 78.70): VU028331.D (-392) (-)

2.48

60000

50000

40000

30000

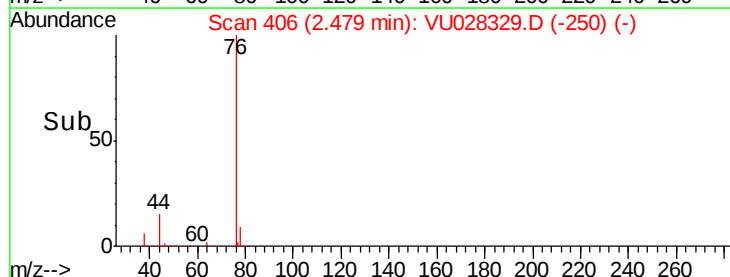
20000

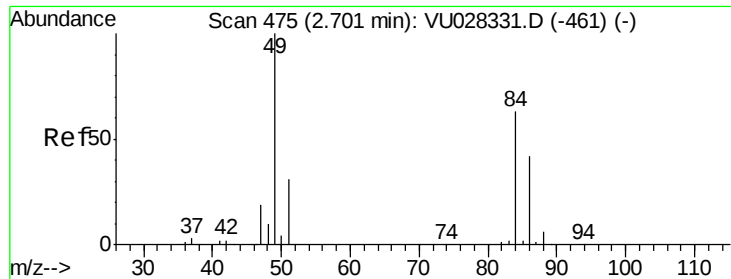
10000

0

2.40 2.45 2.50 2.55

Time-->

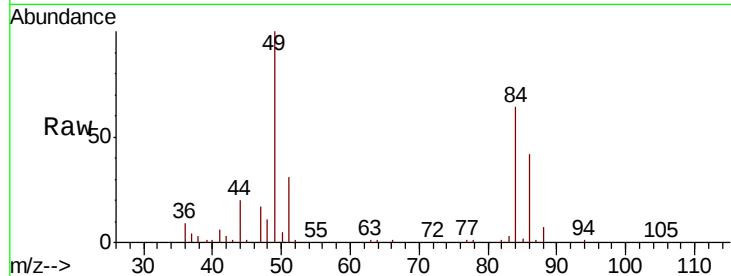




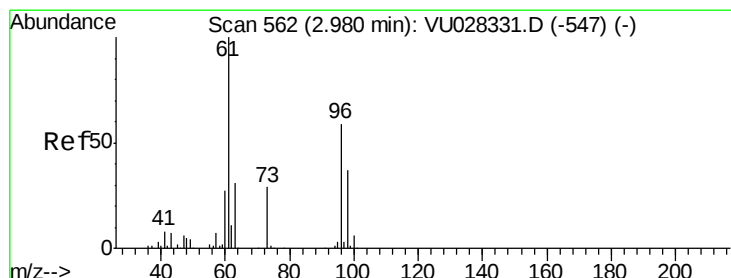
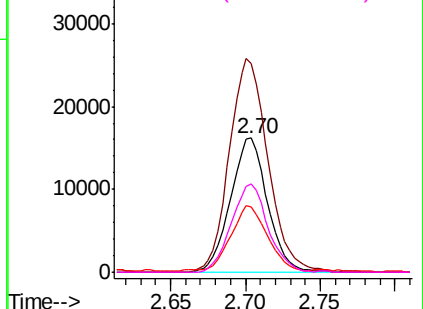
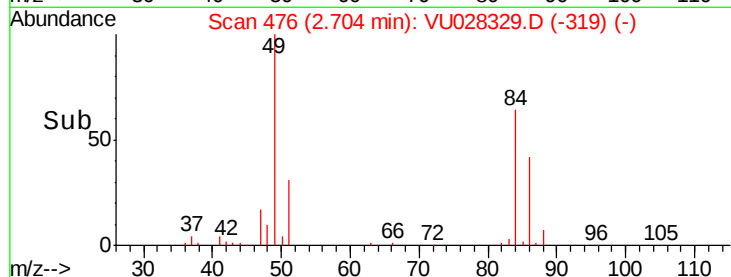
#15
Methylene Chloride
Concen: 1.880 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 84 Resp: 27875
Ion Ratio Lower Upper
84 100
49 156.0 127.7 191.5
51 47.6 0.0 98.2
86 66.0 53.1 79.7

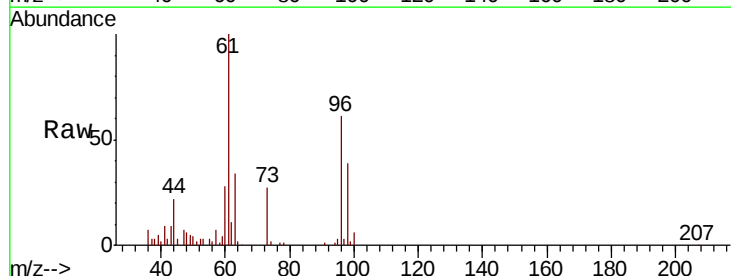


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

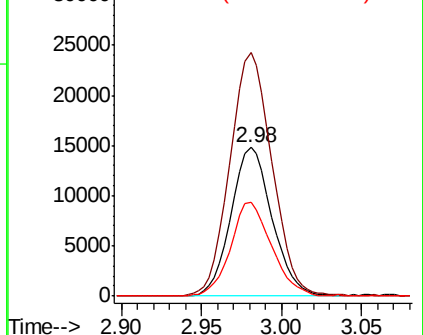
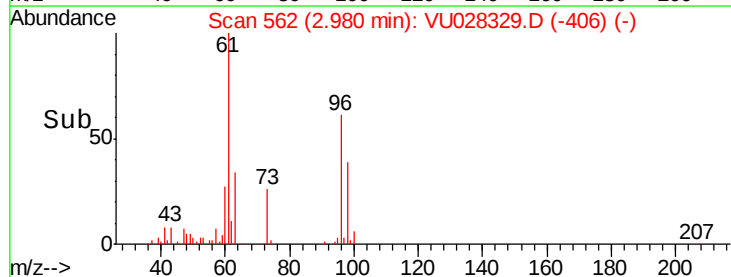


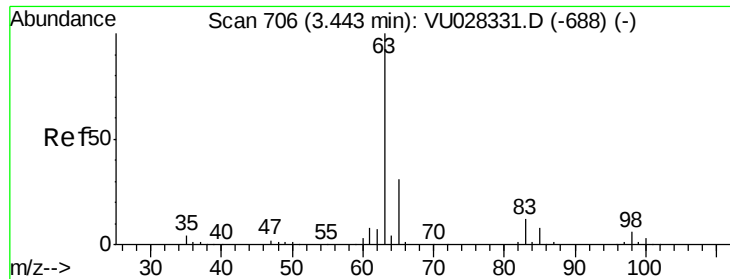
#16
trans-1,2-Dichloroethene
Concen: 1.906 ug/l
RT: 2.98 min Scan# 562
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion: 96 Resp: 25946
Ion Ratio Lower Upper
96 100
61 163.0 136.4 204.6
98 63.2 49.8 74.8



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

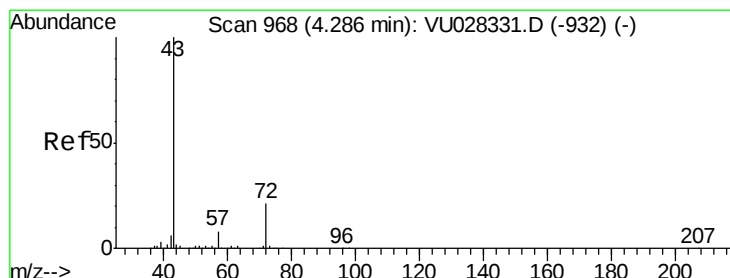
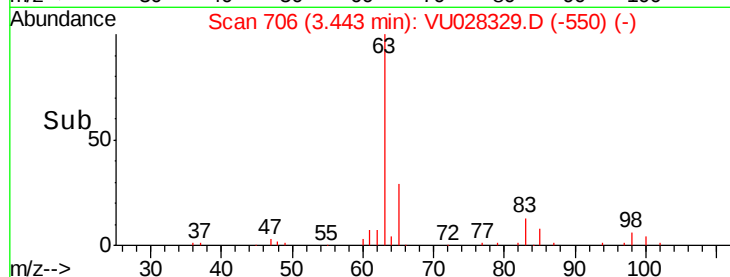
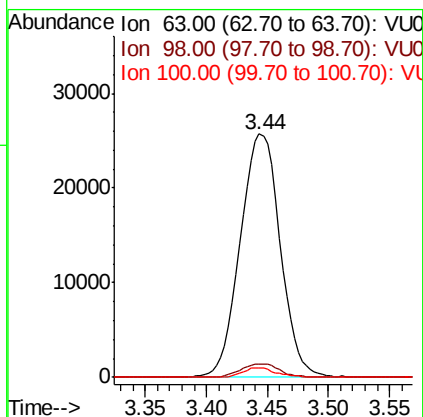
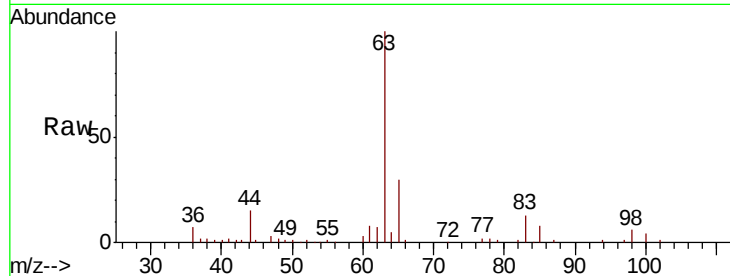




#17
 1,1-Dichloroethane
 Concen: 1.920 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

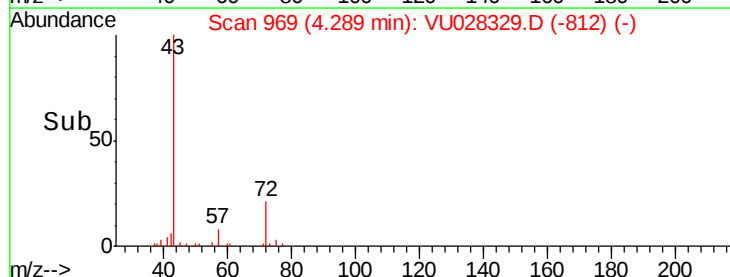
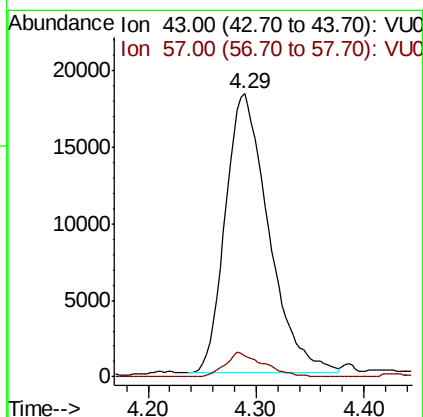
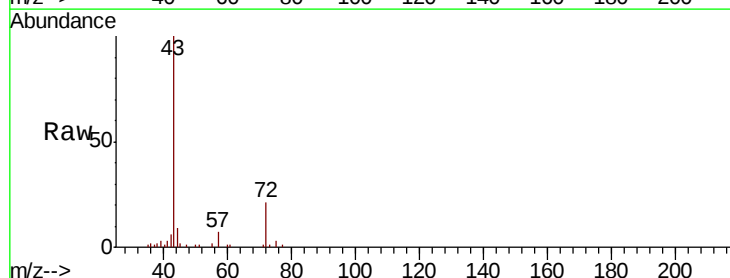
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

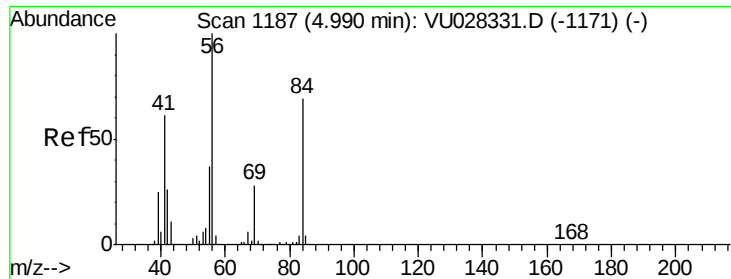
Tgt Ion:	63	Resp:	58250
Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.0	9.0
100	4.1	1.8	5.3



#18
 2-Butanone
 Concen: 9.504 ug/l
 RT: 4.29 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Tgt Ion:	43	Resp:	50984
Ion	Ratio	Lower	Upper
43	100		
57	7.6	0.0	15.0

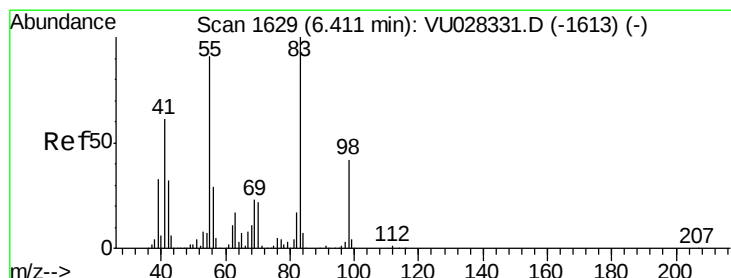
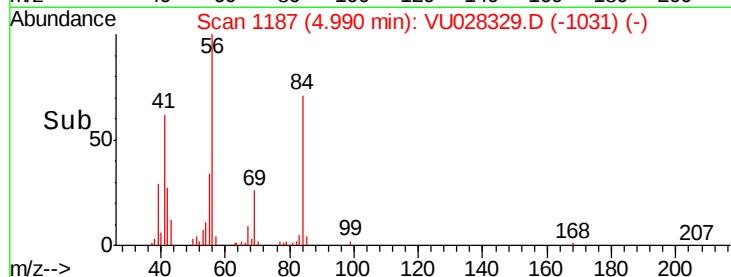
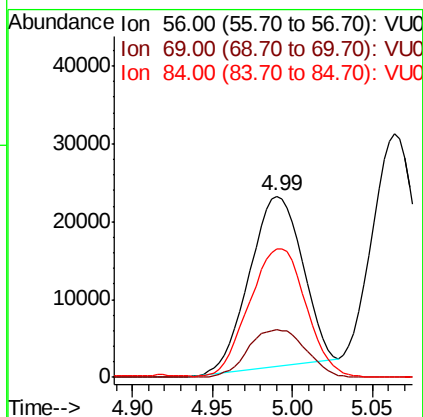
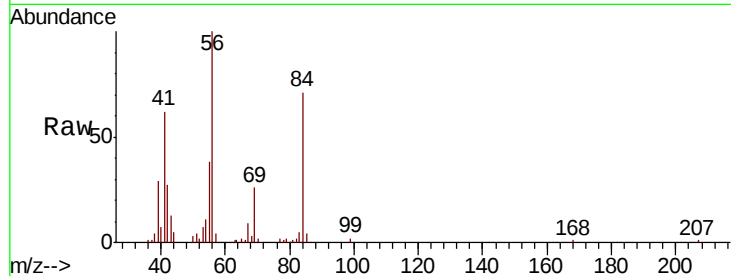




#19
Cyclohexane
Concen: 1.906 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

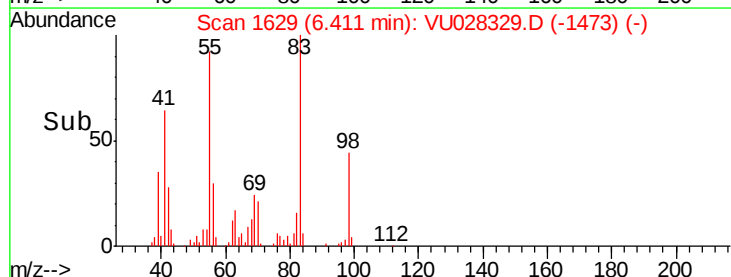
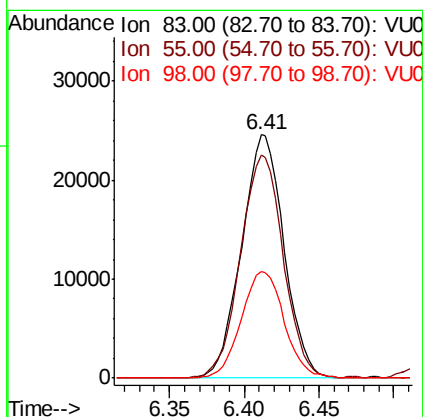
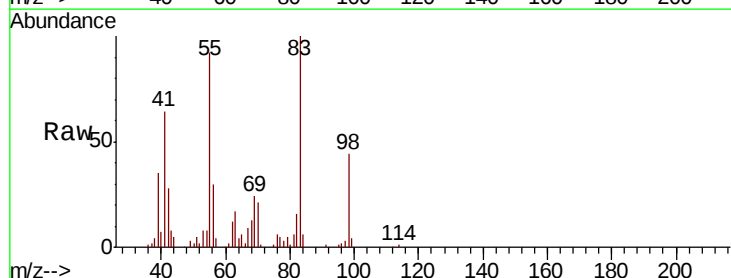
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

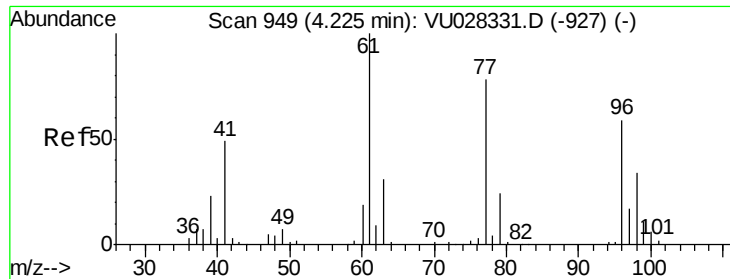
Tgt Ion: 56 Resp: 50198
Ion Ratio Lower Upper
56 100
69 30.6 25.0 37.6
84 80.4 62.6 94.0



#20
Methylcyclohexane
Concen: 1.877 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion: 83 Resp: 48410
Ion Ratio Lower Upper
83 100
55 92.9 72.6 108.8
98 44.4 33.8 50.8

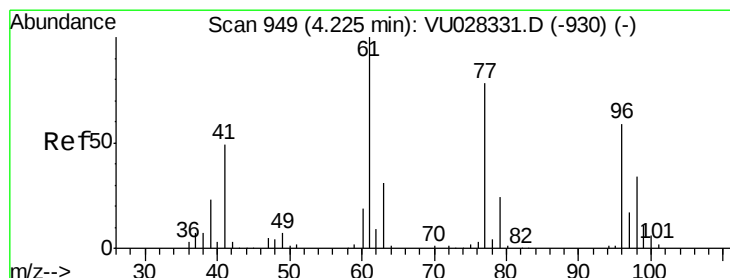
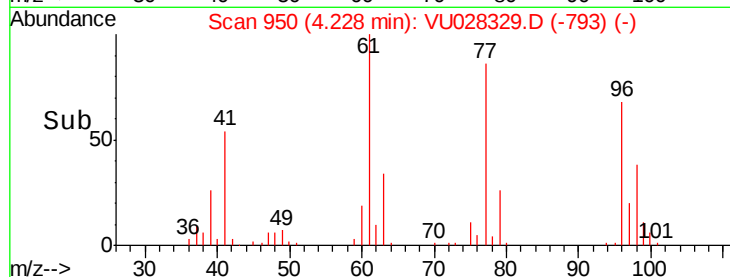
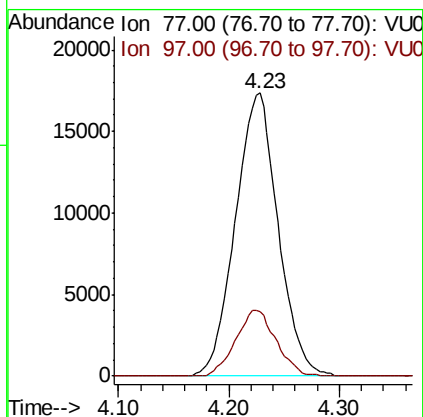
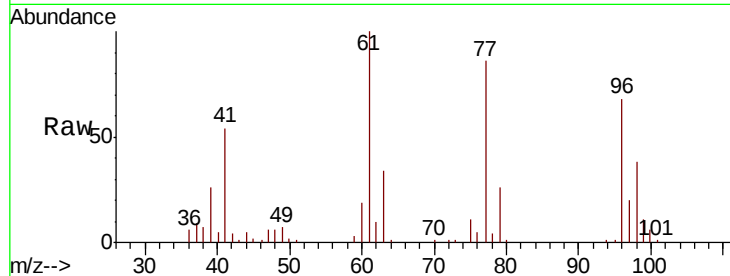




#21
 2,2-Dichloropropane
 Concen: 1.911 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

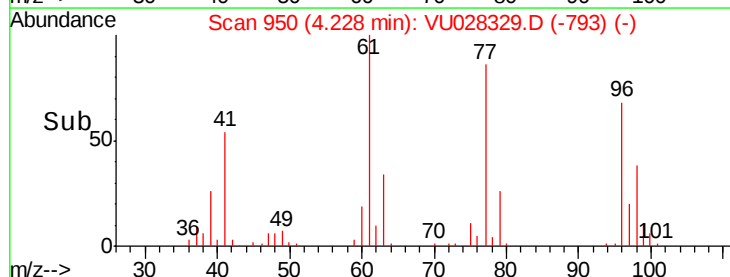
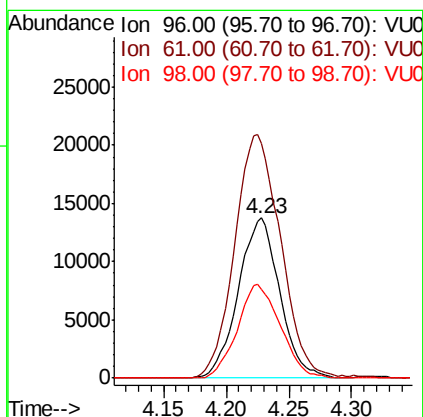
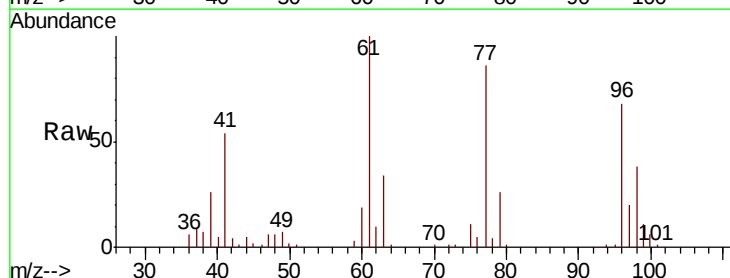
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

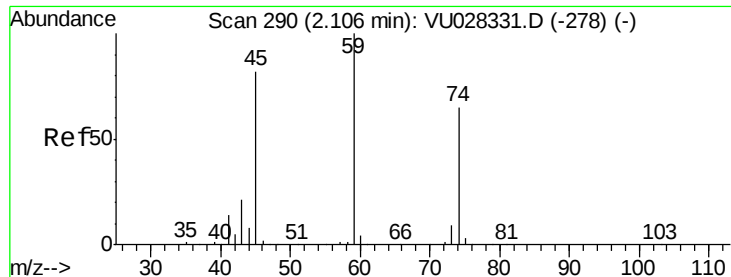
Tgt Ion: 77 Resp: 46549
 Ion Ratio Lower Upper
 77 100
 97 22.0 17.4 26.2



#22
 cis-1,2-Dichloroethene
 Concen: 1.981 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Tgt Ion: 96 Resp: 31551
 Ion Ratio Lower Upper
 96 100
 61 168.3 0.0 423.0
 98 60.5 30.3 91.0

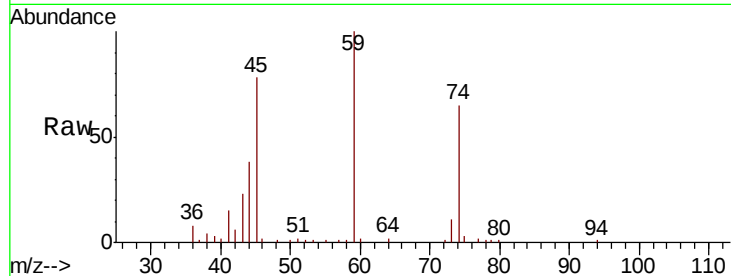




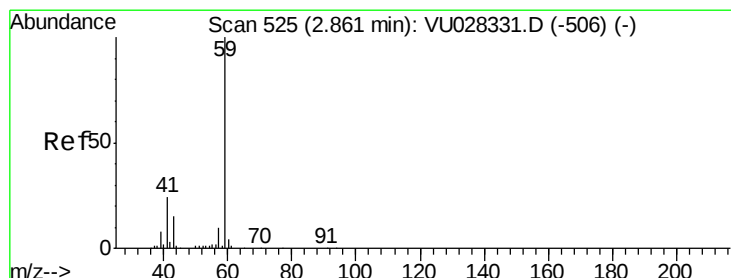
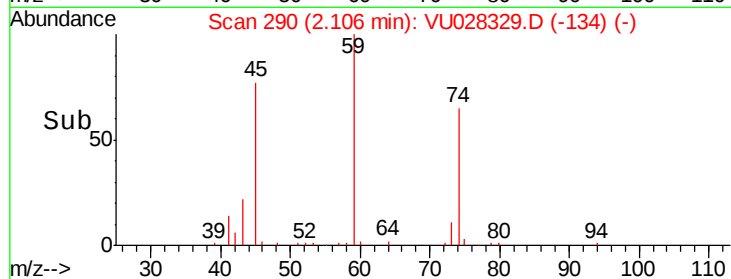
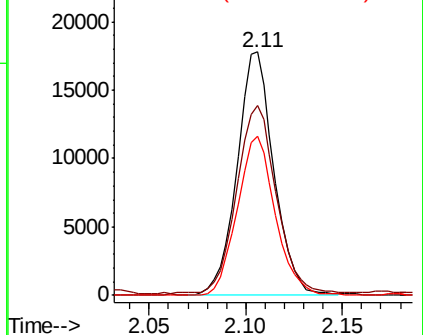
#23
Diethyl Ether
Concen: 1.927 ug/l
RT: 2.11 min Scan# 290
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 59 Resp: 23497
Ion Ratio Lower Upper
59 100
45 82.6 66.4 99.6
74 67.6 52.2 78.4

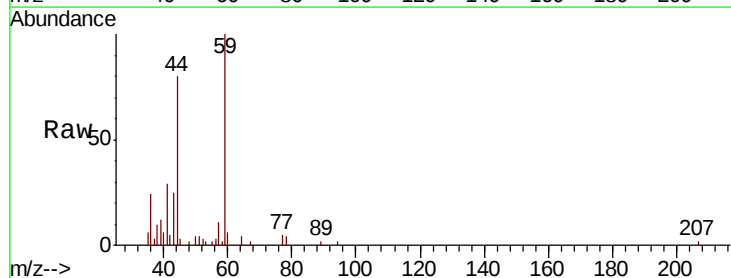


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

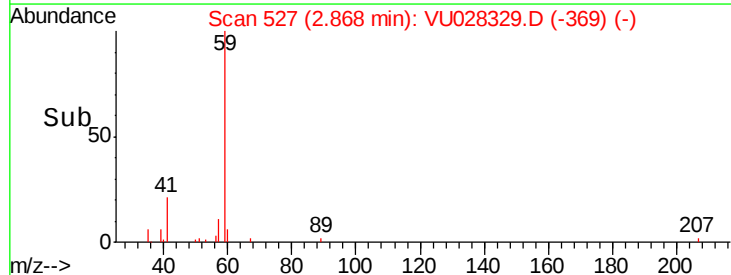
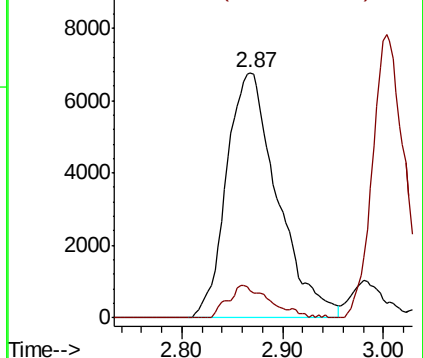


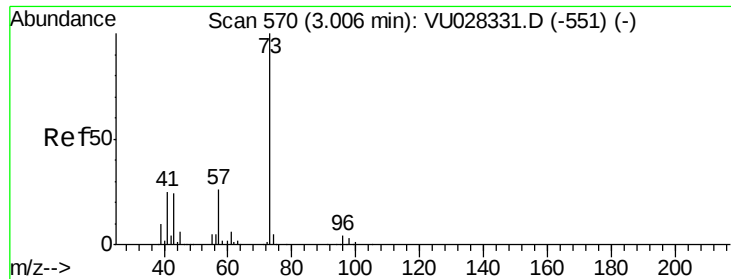
#24
tert-Butyl Alcohol
Concen: 20.077 ug/l
RT: 2.87 min Scan# 527
Delta R.T. 0.01 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion: 59 Resp: 23678
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



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: 1.926 ug/l

RT: 3.01 min Scan# 570

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

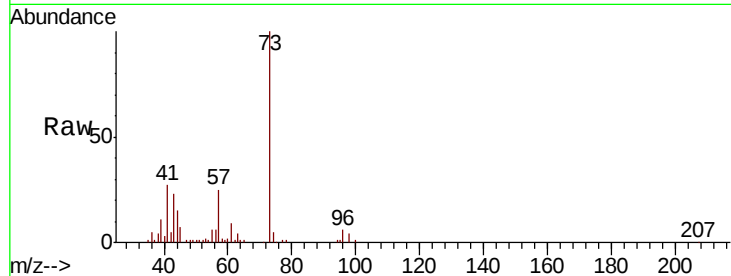
VSTDIC002

Tgt Ion: 73 Resp: 69582

Ion Ratio Lower Upper

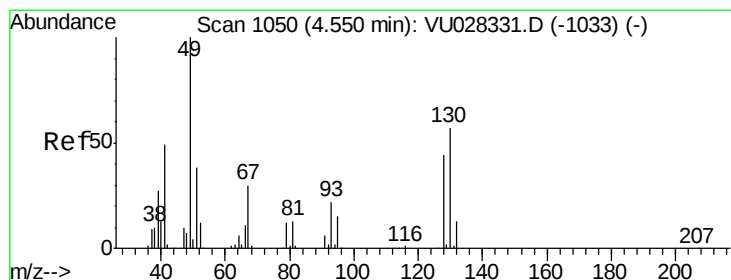
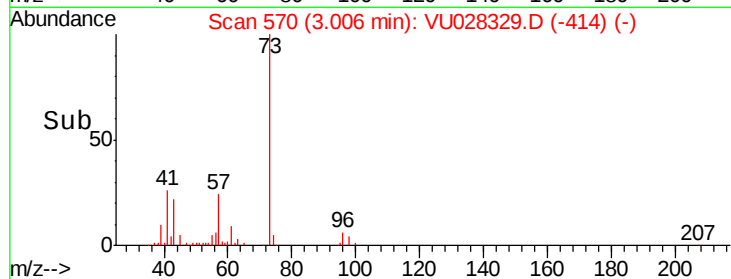
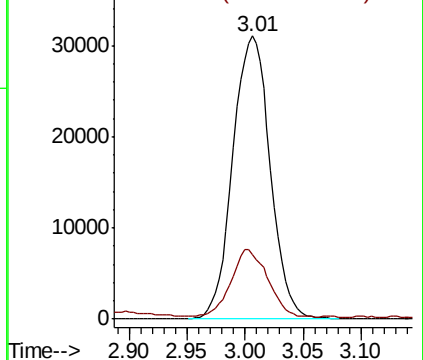
73 100

43 22.9 18.5 27.7



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#26

Bromochloromethane

Concen: 1.833 ug/l

RT: 4.56 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

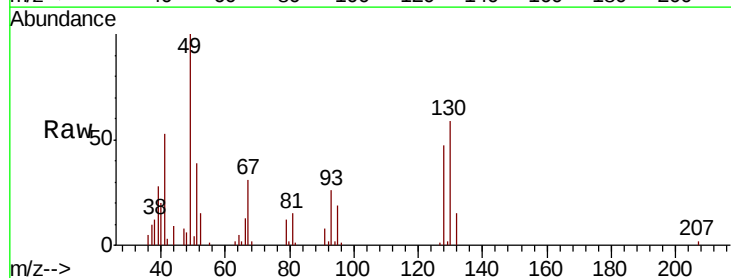
Tgt Ion: 128 Resp: 11129

Ion Ratio Lower Upper

128 100

49 248.1 0.0 457.6

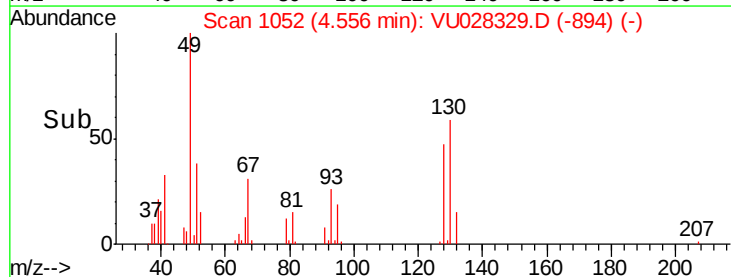
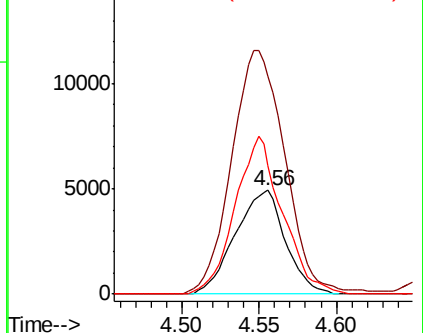
130 142.9 101.4 152.2

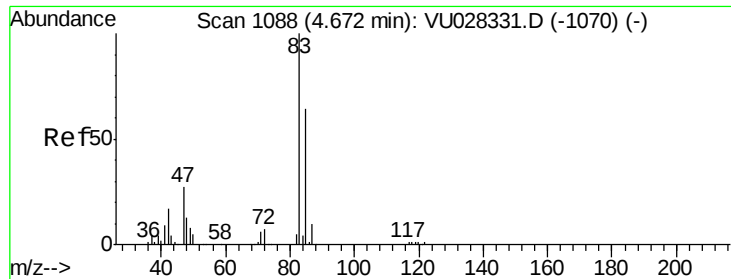


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V

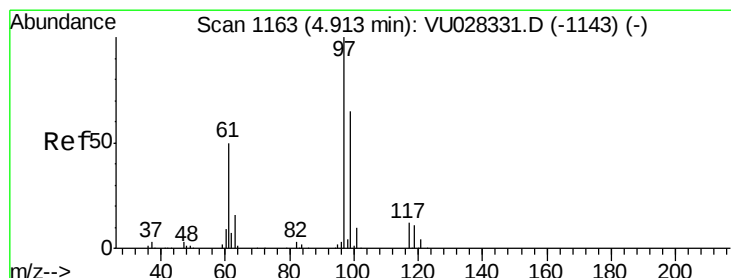
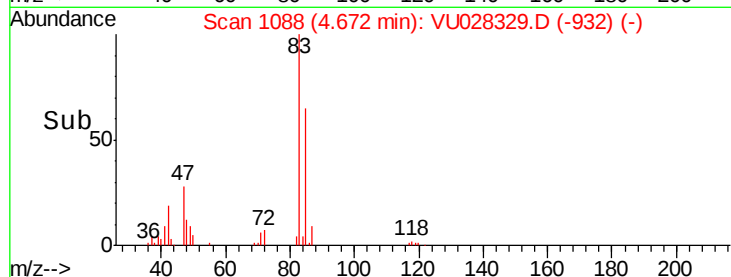
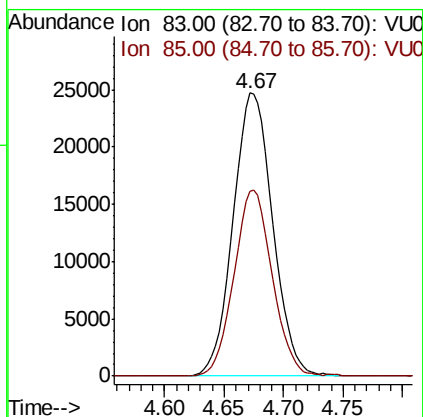
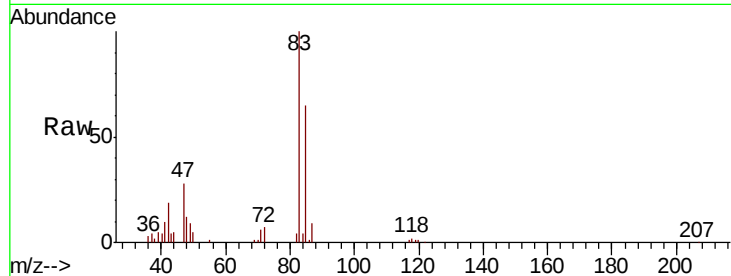




#27
Chloroform
Concen: 1.951 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

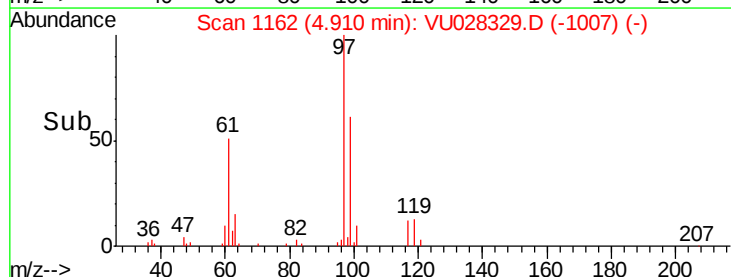
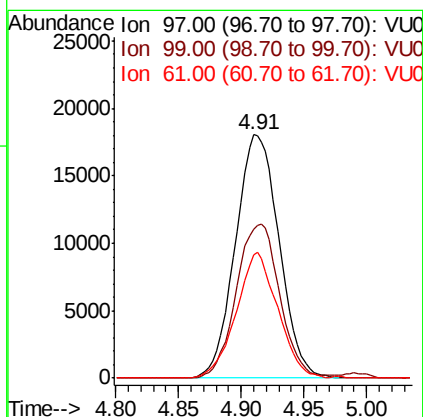
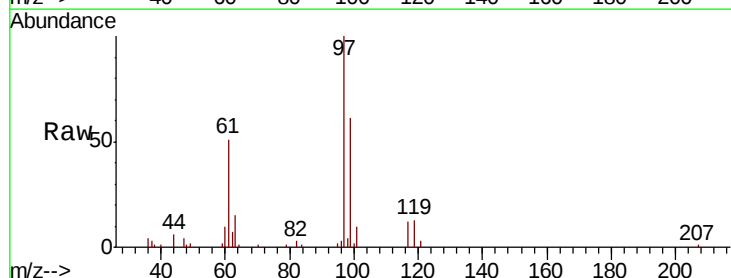
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

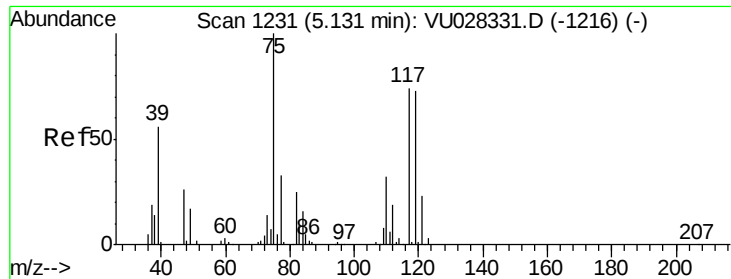
Tgt Ion: 83 Resp: 57104
Ion Ratio Lower Upper
83 100
85 65.1 0.0 128.0



#28
1,1,1-Trichloroethane
Concen: 1.912 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion: 97 Resp: 43694
Ion Ratio Lower Upper
97 100
99 62.8 32.2 96.6
61 49.1 24.9 74.7

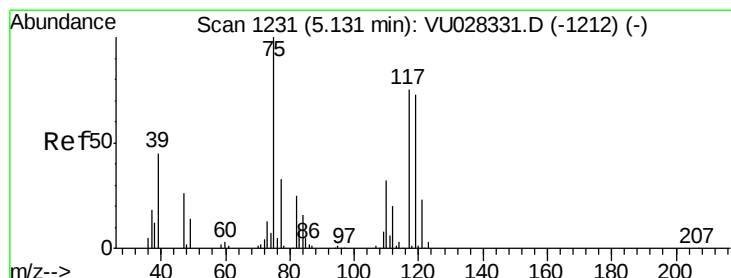
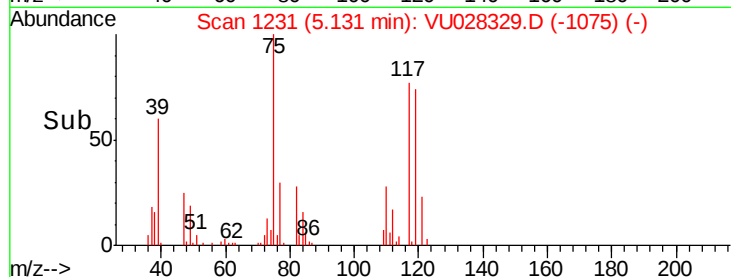
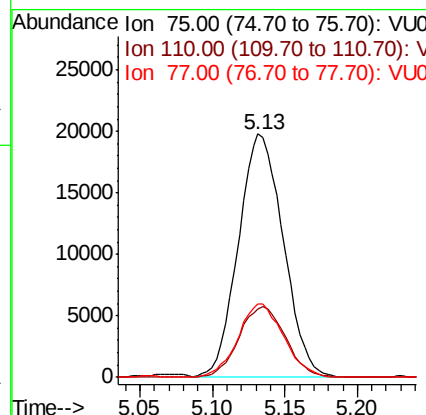
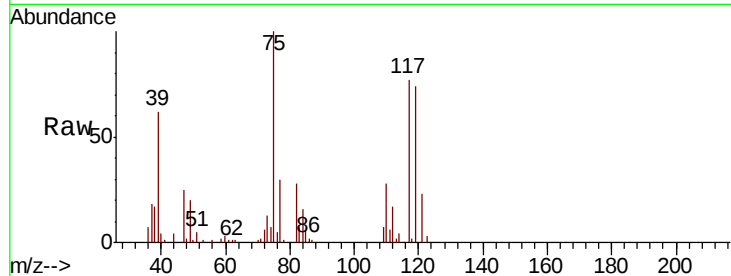




#29
 1,1-Dichloropropene
 Concen: 1.943 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

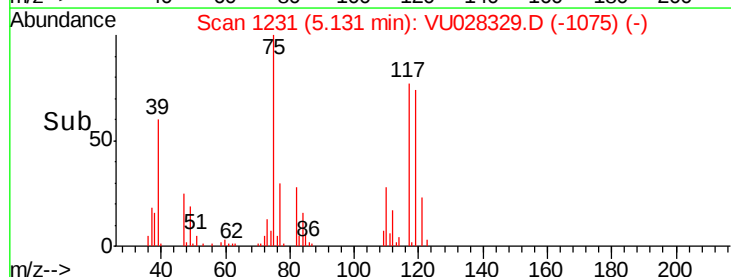
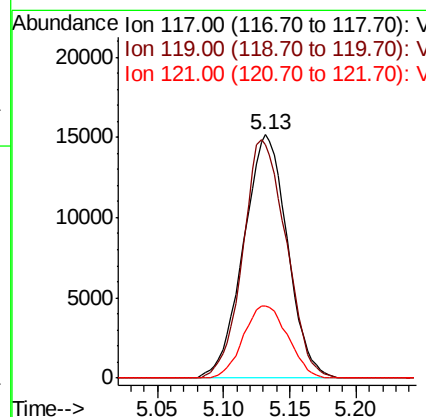
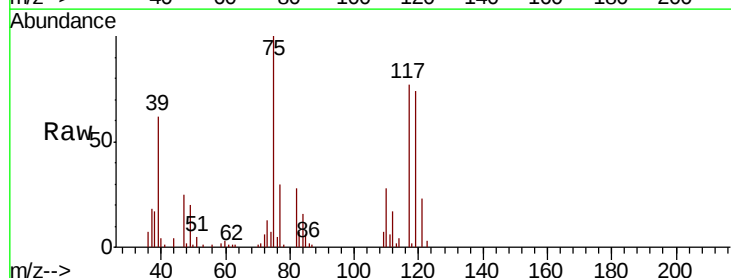
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

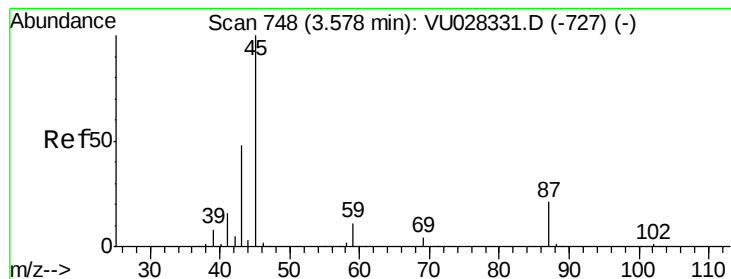
Tgt Ion: 75 Resp: 42587
 Ion Ratio Lower Upper
 75 100
 110 30.2 15.8 47.3
 77 30.7 25.4 38.0



#30
 Carbon Tetrachloride
 Concen: 1.890 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Tgt Ion: 117 Resp: 34888
 Ion Ratio Lower Upper
 117 100
 119 95.9 78.2 117.4
 121 29.6 24.7 37.1





#31

Isopropyl Ether

Concen: 1.891 ug/l

RT: 3.58 min Scan# 748

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

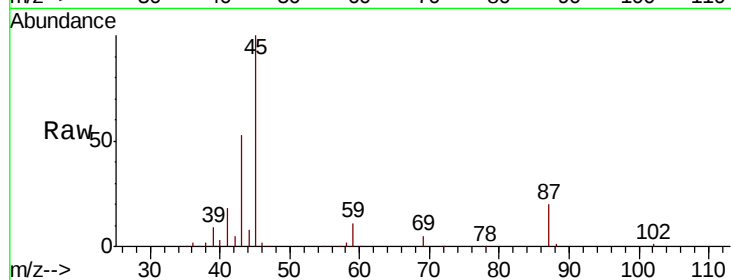
VSTDIC002

Tgt Ion: 45 Resp: 102761

Ion Ratio Lower Upper

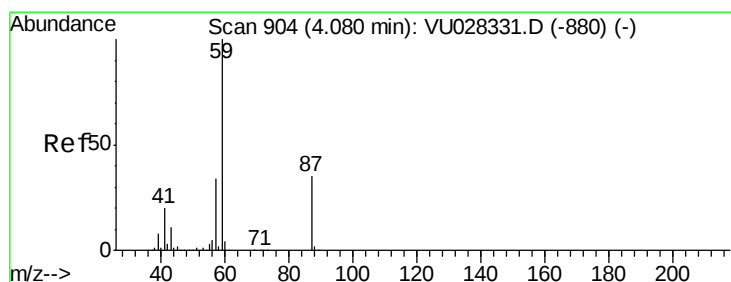
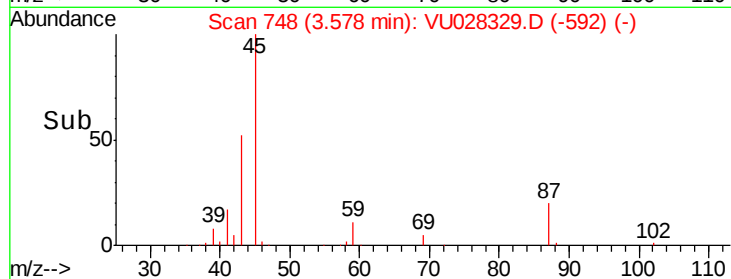
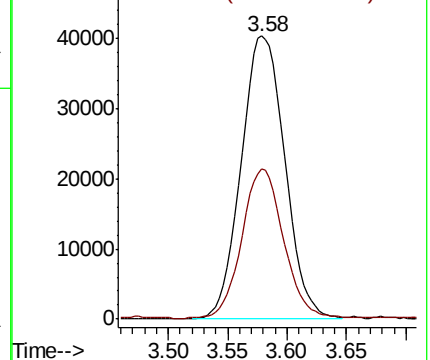
45 100

43 50.2 24.2 72.6



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 1.874 ug/l

RT: 4.08 min Scan# 903

Delta R.T. -0.00 min

Lab File: VU028329.D

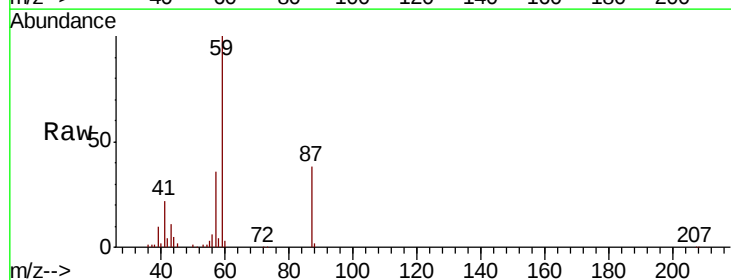
Acq: 26 Nov 2018 10:37

Tgt Ion: 59 Resp: 83874

Ion Ratio Lower Upper

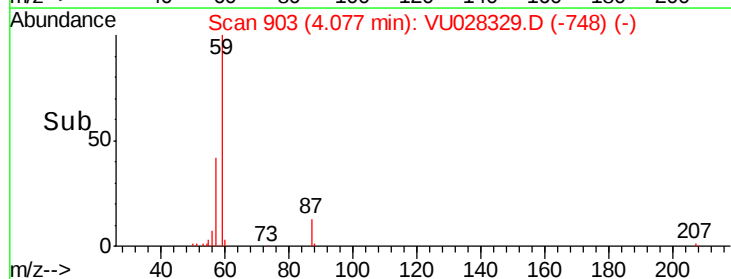
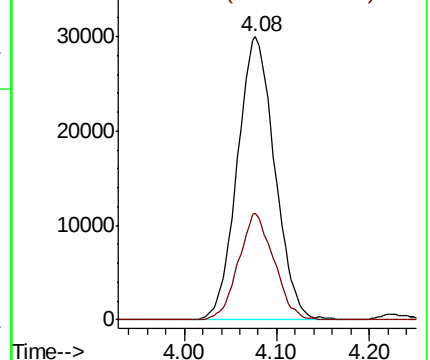
59 100

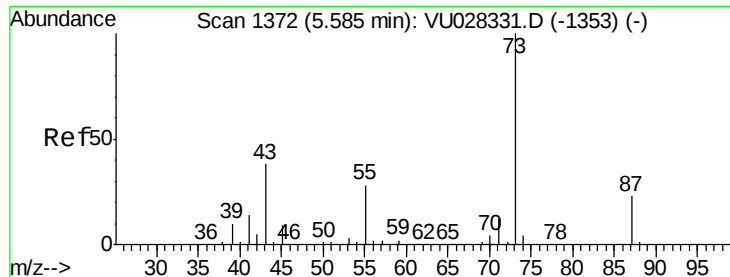
87 35.6 28.2 42.4



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

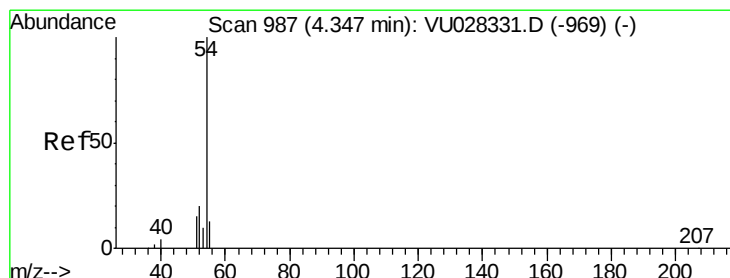
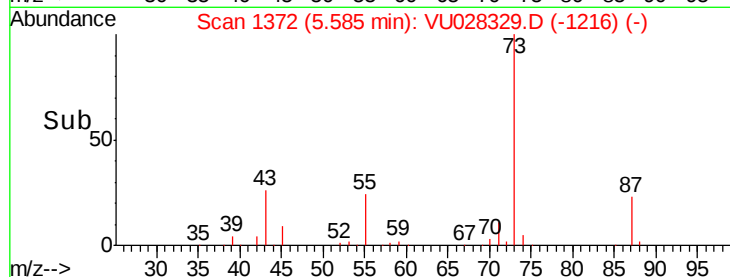
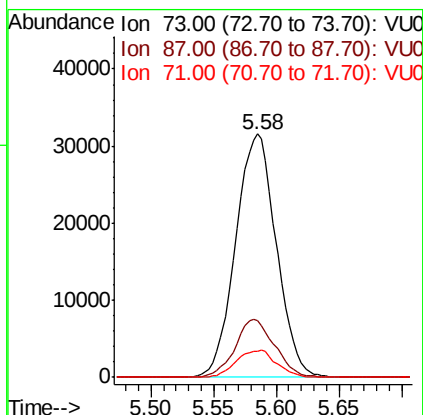
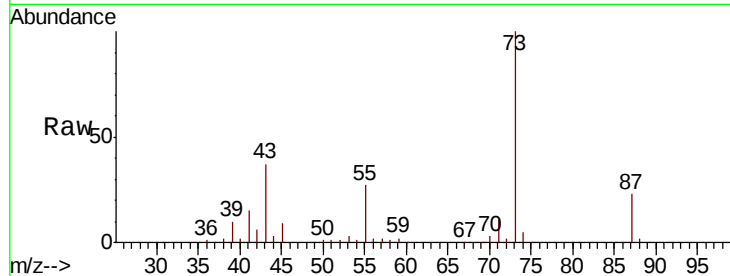




#33
Tert-Amyl methyl ether
Concen: 1.914 ug/l
RT: 5.58 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

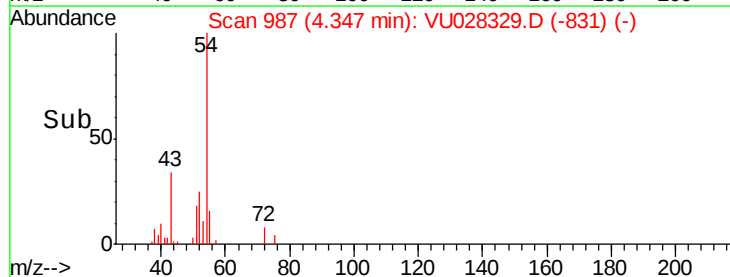
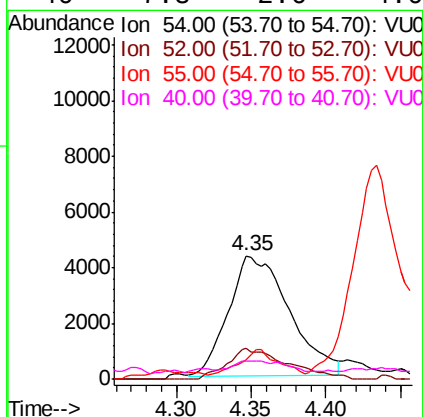
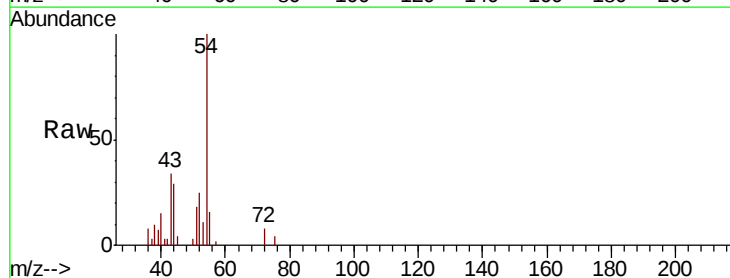
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

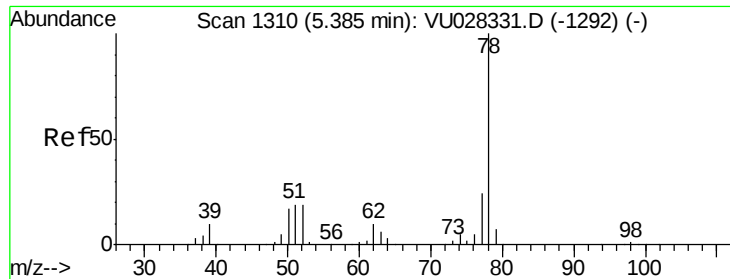
Tgt Ion: 73 Resp: 71063
Ion Ratio Lower Upper
73 100
87 23.0 17.6 26.4
71 11.1 9.2 13.8



#34
Propionitrile
Concen: 9.081 ug/l
RT: 4.35 min Scan# 987
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion: 54 Resp: 12238
Ion Ratio Lower Upper
54 100
52 25.1 16.6 25.0#
55 15.5 12.9 19.3
40 7.8 2.6 4.0#





#35

Benzene

Concen: 1.910 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

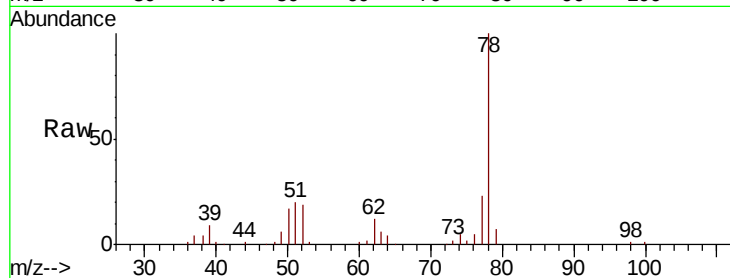
VSTDIC002

Tgt Ion: 78 Resp: 123293

Ion Ratio Lower Upper

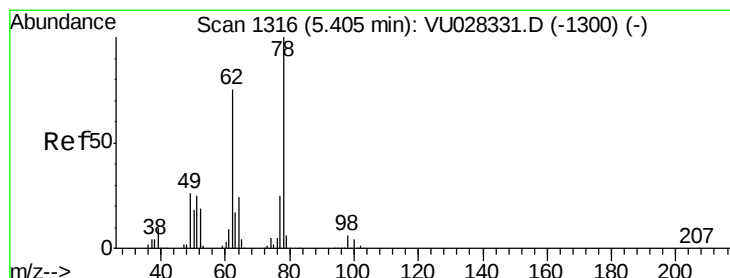
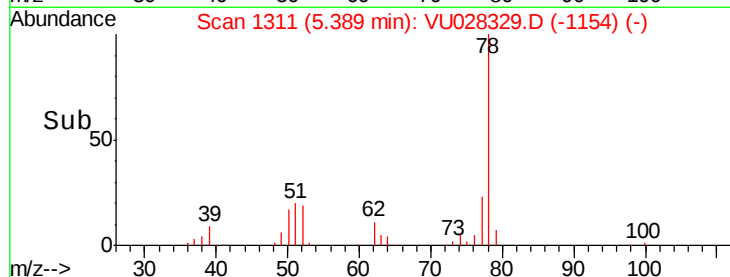
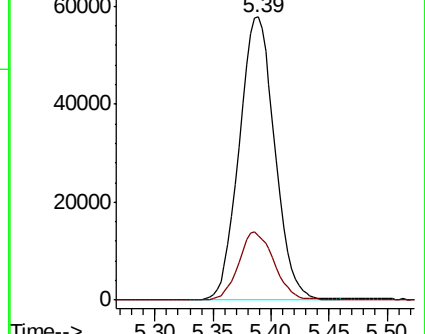
78 100

77 22.9 19.5 29.3



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.922 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VU028329.D

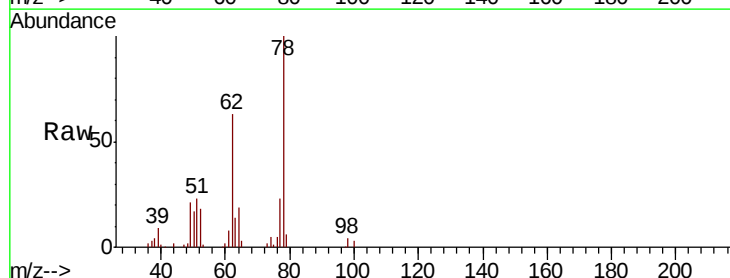
Acq: 26 Nov 2018 10:37

Tgt Ion: 62 Resp: 37100

Ion Ratio Lower Upper

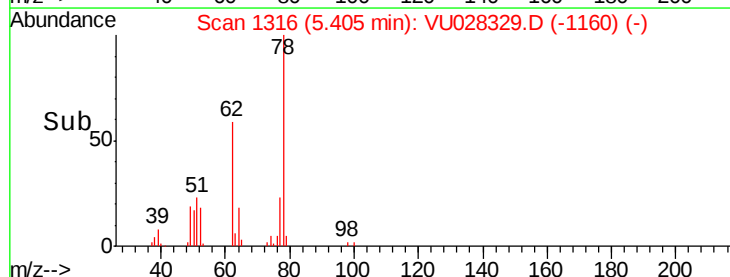
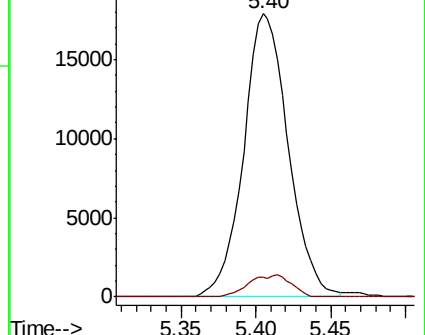
62 100

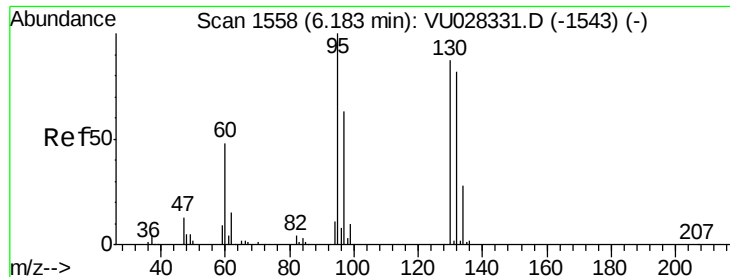
98 7.4 6.0 9.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 1.865 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

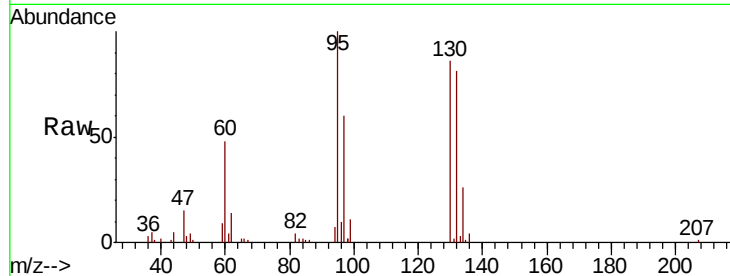
VSTDIC002

Tgt Ion:130 Resp: 26213

Ion Ratio Lower Upper

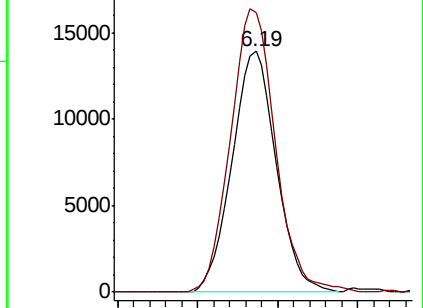
130 100

95 116.3 91.5 137.3

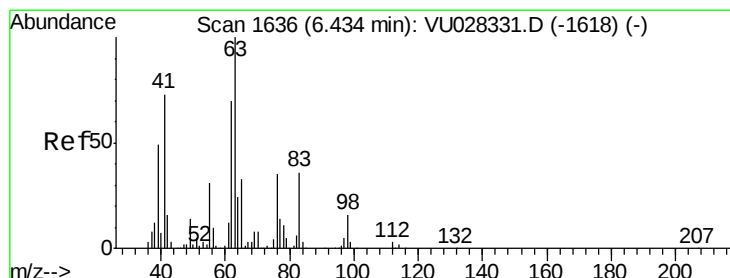
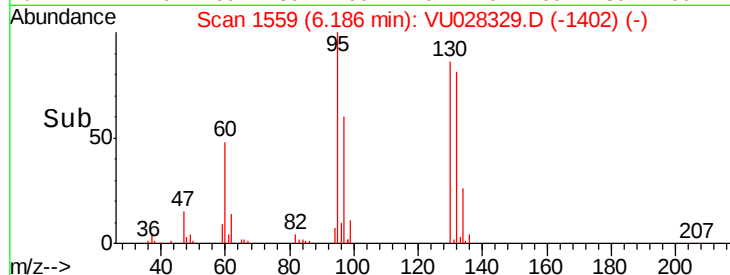


Abundance Ion 129.90 (129.60 to 130.60): VU028331.D (-1543) (-)

Ion 94.90 (94.60 to 95.60): VU028331.D (-1543) (-)



Time-->



#38

1,2-Dichloropropane

Concen: 1.944 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU028329.D

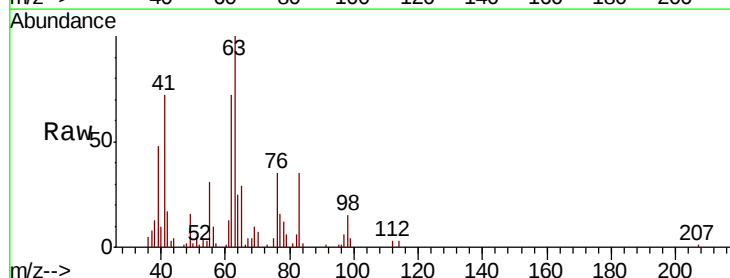
Acq: 26 Nov 2018 10:37

Tgt Ion: 63 Resp: 35774

Ion Ratio Lower Upper

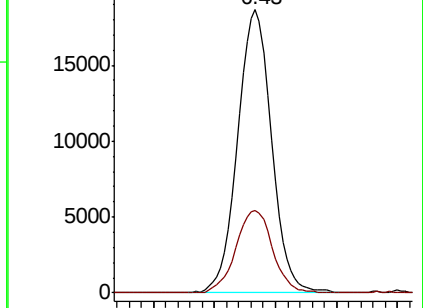
63 100

65 29.0 26.2 39.4

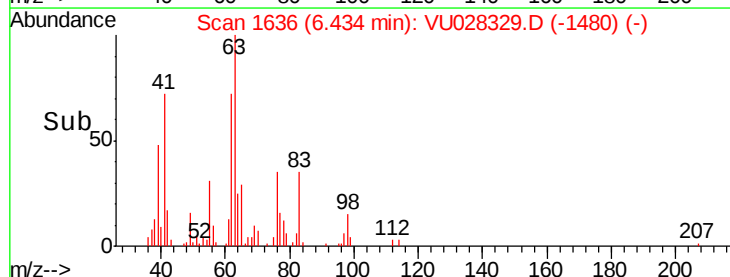


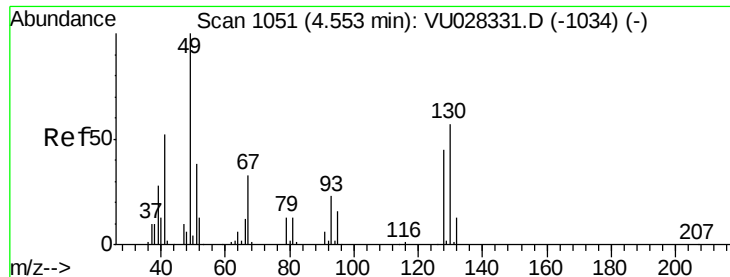
Abundance Ion 63.00 (62.70 to 63.70): VU028331.D (-1618) (-)

Ion 65.00 (64.70 to 65.70): VU028331.D (-1618) (-)



Time-->

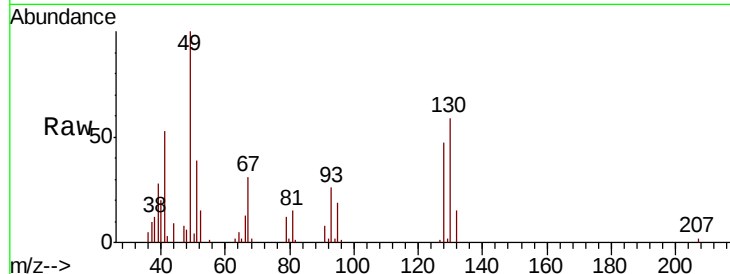




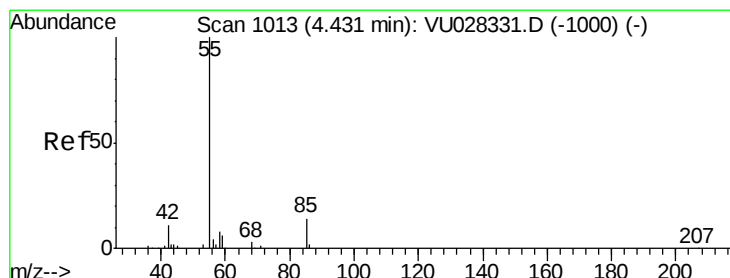
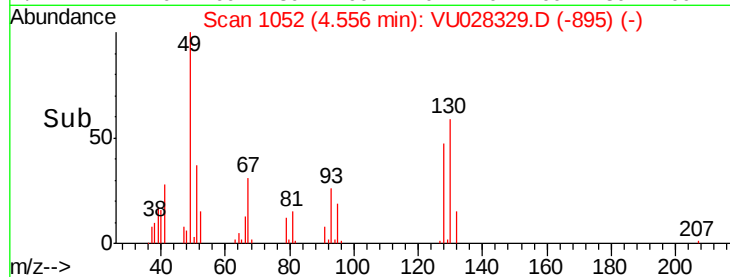
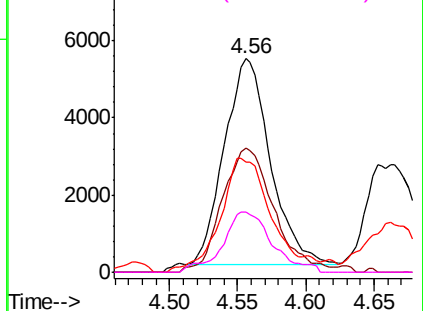
#39
Methacrylonitrile
Concen: 1.744 ug/l
RT: 4.56 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:	41	Resp:	12588
Ion	Ratio	Lower	Upper
41	100		
67	67.1	48.2	72.4
39	61.5	42.9	64.3
52	31.0	21.4	32.0

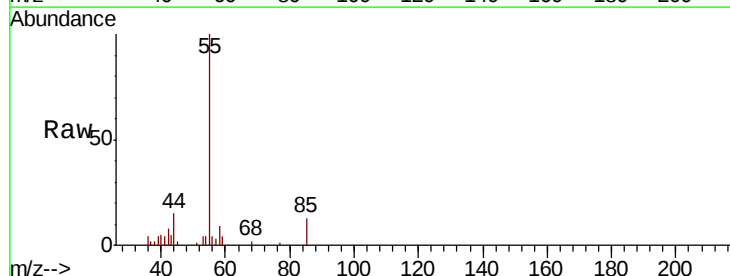


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

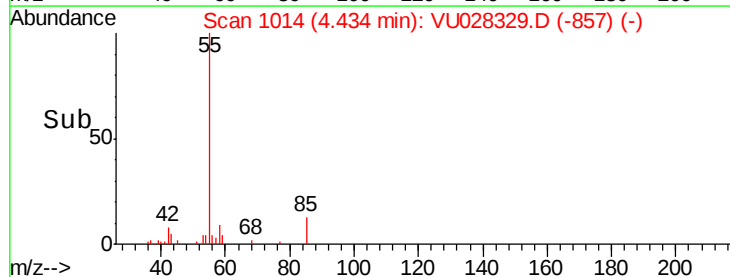
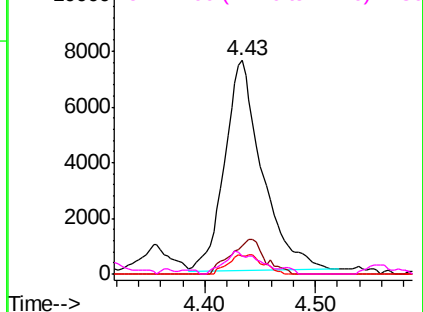


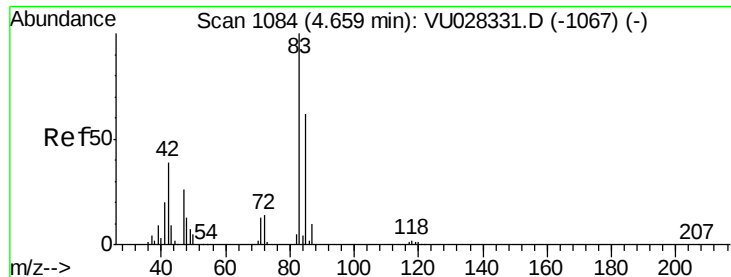
#40
Methyl acrylate
Concen: 1.805 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion:	55	Resp:	17928
Ion	Ratio	Lower	Upper
55	100		
85	14.8	10.9	16.3
58	8.4	6.4	9.6
42	9.8	7.5	11.3



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: 3.891 ug/l

RT: 4.66 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

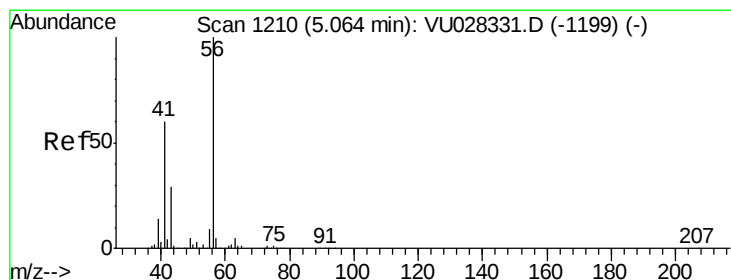
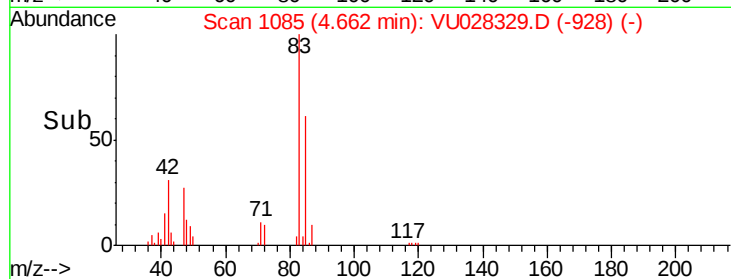
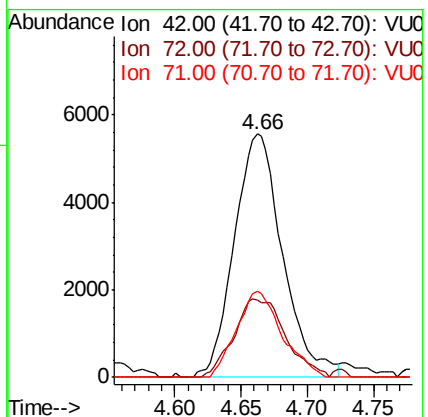
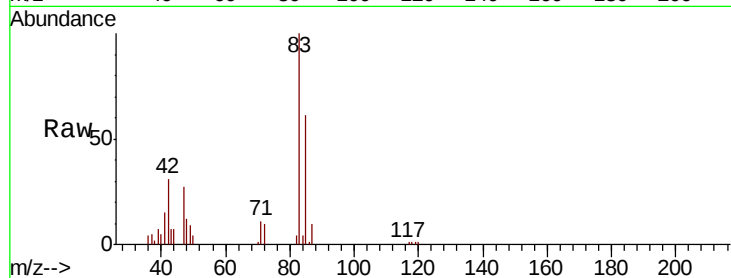
Tgt Ion: 42 Resp: 14119

Ion Ratio Lower Upper

42 100

72 34.5 29.8 44.6

71 33.4 25.9 38.9



#42

1-Chlorobutane

Concen: 1.907 ug/l

RT: 5.06 min Scan# 1210

Delta R.T. 0.00 min

Lab File: VU028329.D

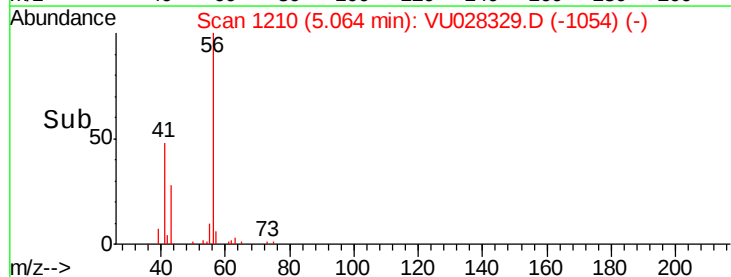
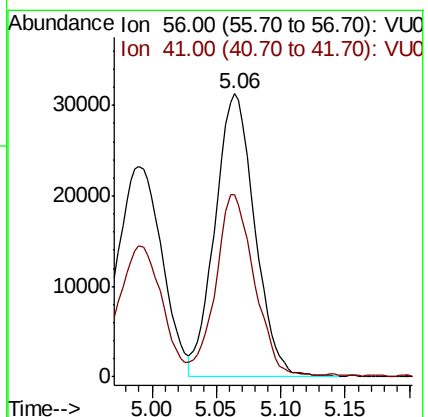
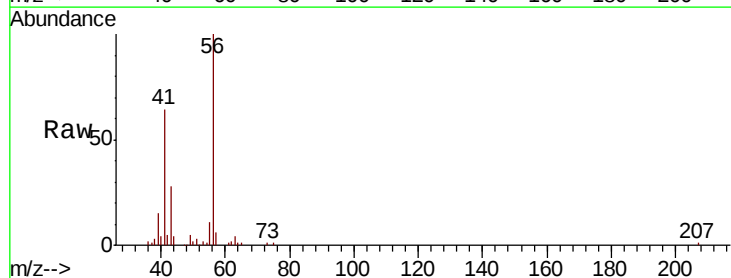
Acq: 26 Nov 2018 10:37

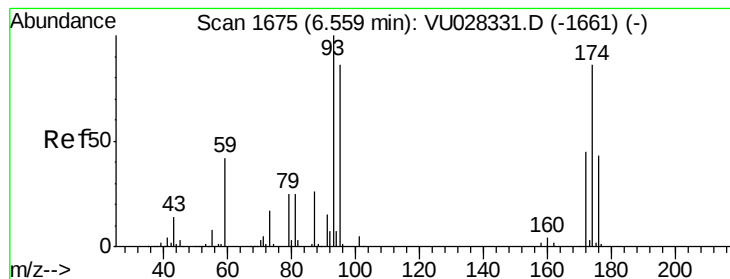
Tgt Ion: 56 Resp: 66471

Ion Ratio Lower Upper

56 100

41 61.9 29.8 89.3





#43

Dibromomethane

Concen: 1.966 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

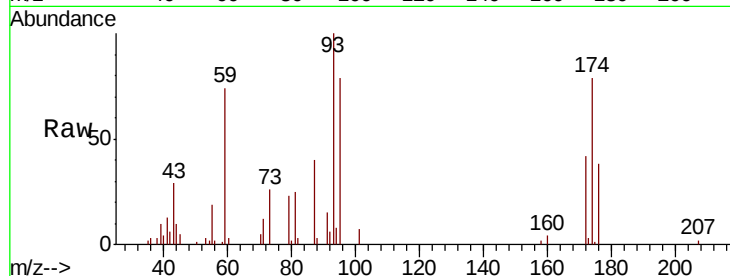
Tgt Ion: 93 Resp: 15401

Ion Ratio Lower Upper

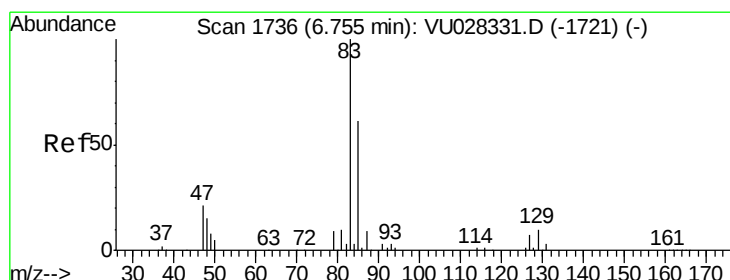
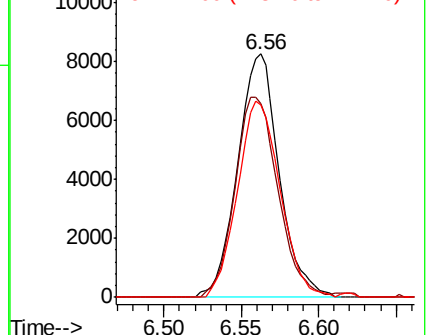
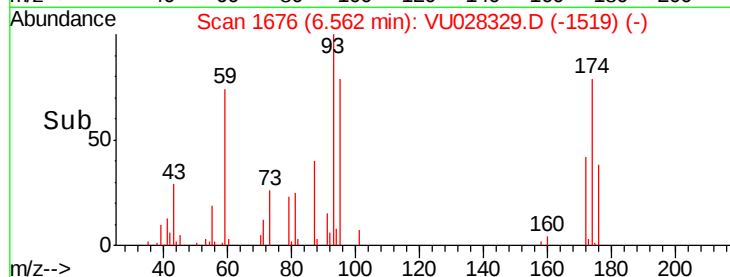
93 100

95 85.2 66.6 99.8

174 82.5 69.4 104.2



Abundance Ion 93.00 (92.70 to 93.70): VU028329.D (-1519) (-)



#44

Bromodichloromethane

Concen: 1.938 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

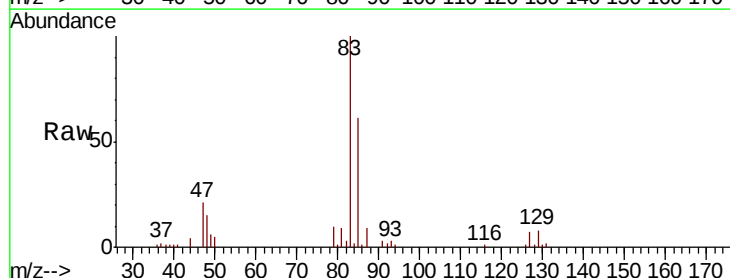
Tgt Ion: 83 Resp: 40094

Ion Ratio Lower Upper

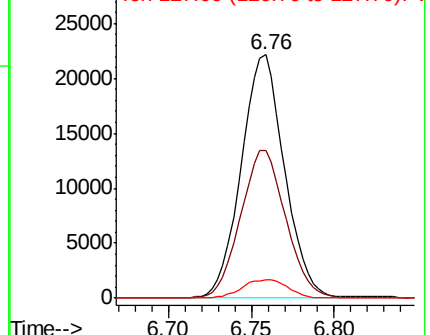
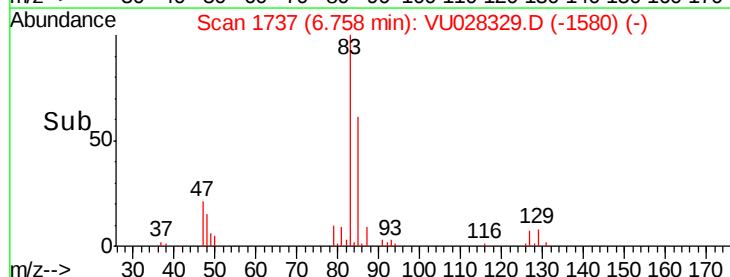
83 100

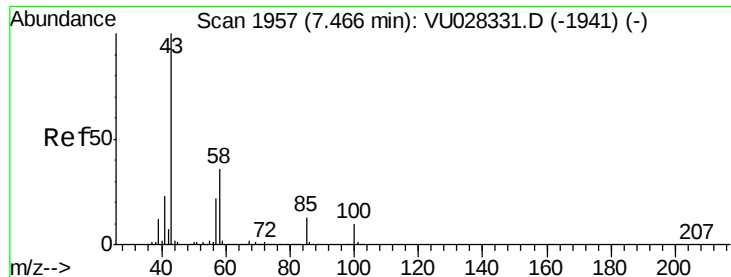
85 60.8 49.0 73.6

127 7.3 5.7 8.5



Abundance Ion 83.00 (82.70 to 83.70): VU028329.D (-1580) (-)

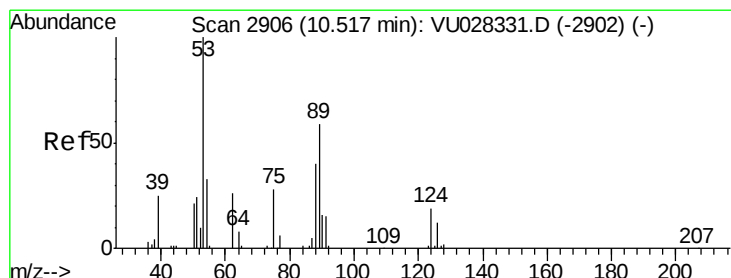
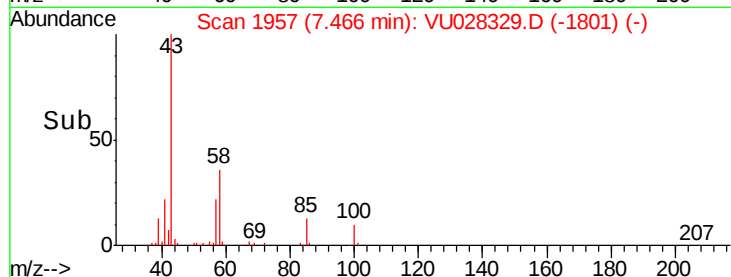
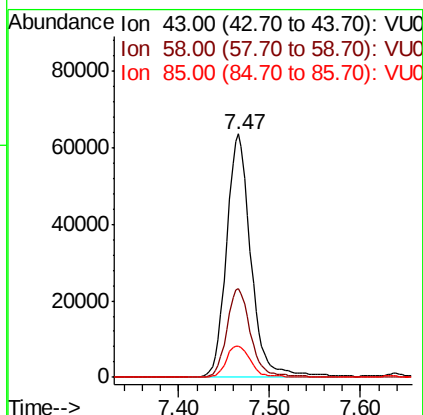
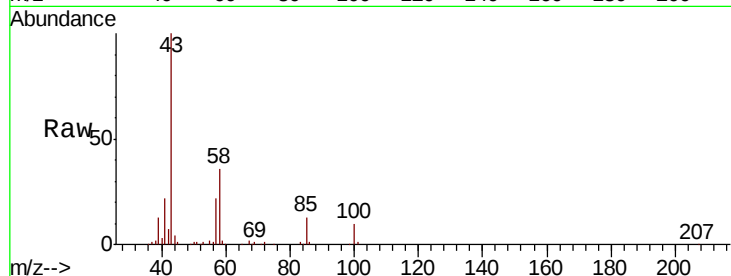




#45
 4-Methyl-2-Pentanone
 Concen: 9.426 ug/l
 RT: 7.47 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

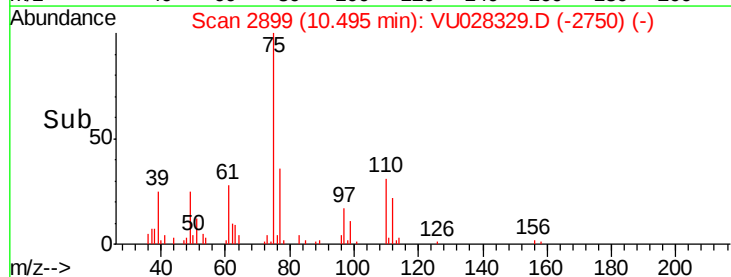
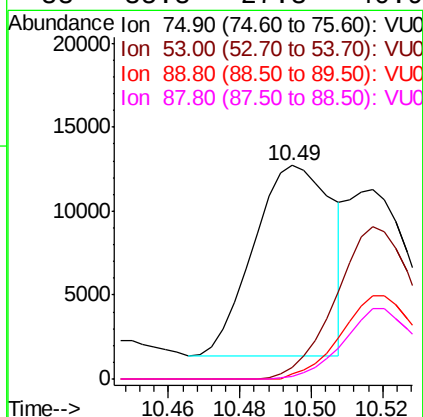
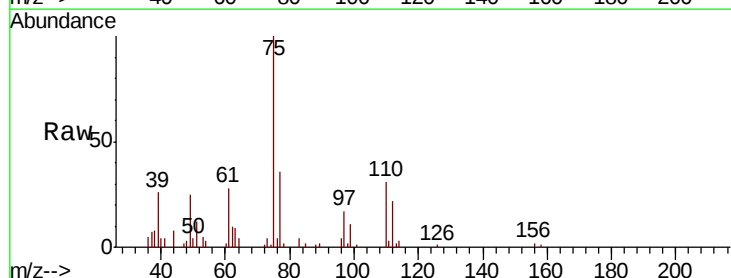
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

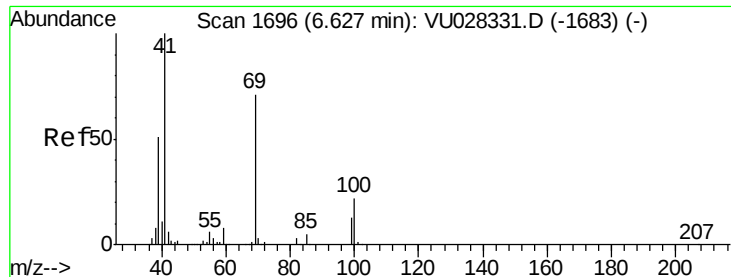
Tgt Ion: 43 Resp: 118624
 Ion Ratio Lower Upper
 43 100
 58 35.8 17.9 53.7
 85 12.5 10.8 16.2



#46
 t-1,4-Dichloro-2-butene
 Concen: 3.853 ug/l
 RT: 10.49 min Scan# 2899
 Delta R.T. -0.02 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Tgt Ion: 75 Resp: 17385
 Ion Ratio Lower Upper
 75 100
 53 83.9 65.0 97.6
 89 44.5 38.6 58.0
 88 35.8 27.3 40.9

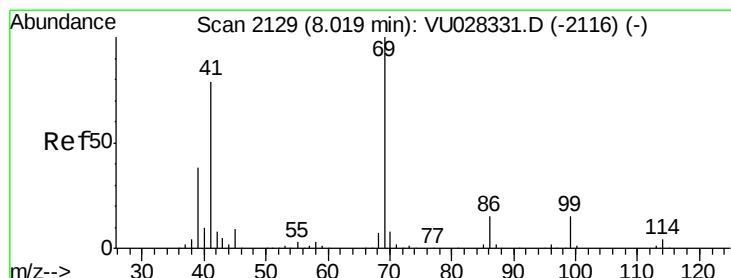
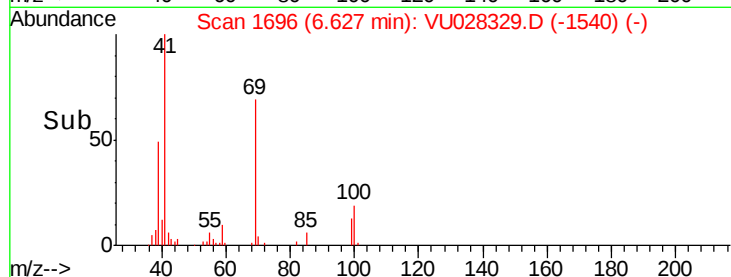
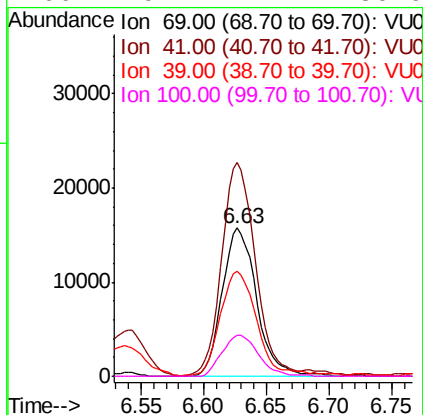
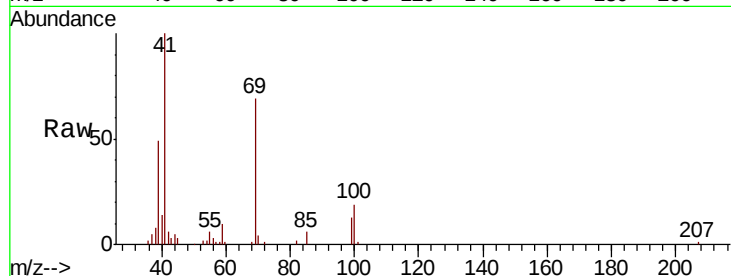




#47
Methyl methacrylate
Concen: 3.751 ug/l
RT: 6.63 min Scan# 1696
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

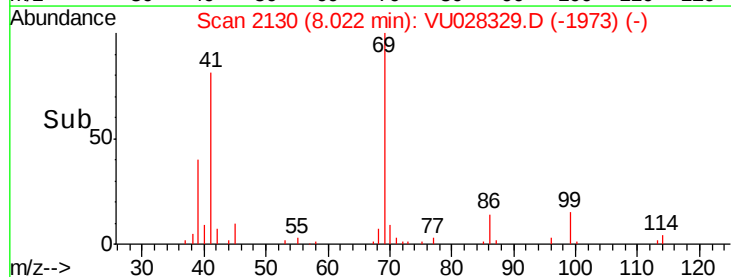
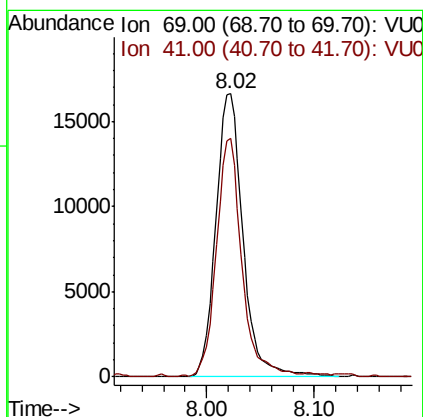
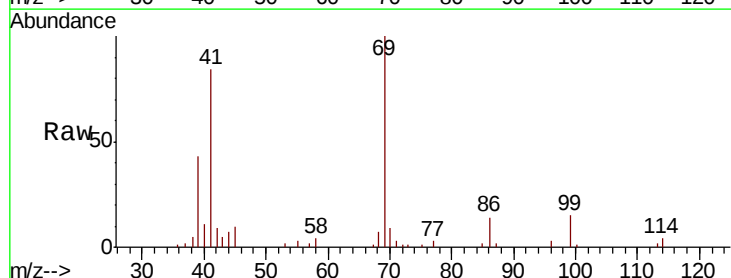
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

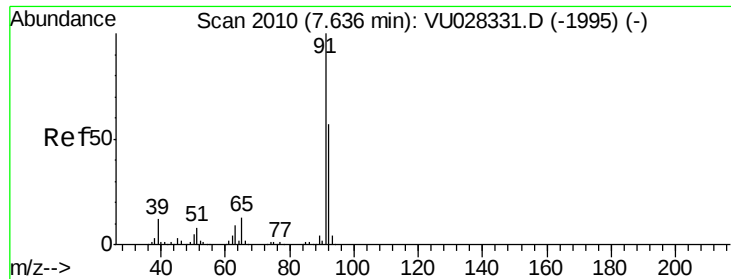
Tgt Ion: 69 Resp: 29997
Ion Ratio Lower Upper
69 100
41 140.8 0.0 277.2
39 75.9 57.6 86.4
100 29.1 24.4 36.6



#48
Ethyl methacrylate
Concen: 1.816 ug/l
RT: 8.02 min Scan# 2130
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion: 69 Resp: 29047
Ion Ratio Lower Upper
69 100
41 79.4 39.4 118.2





#49

Toluene

Concen: 1.916 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

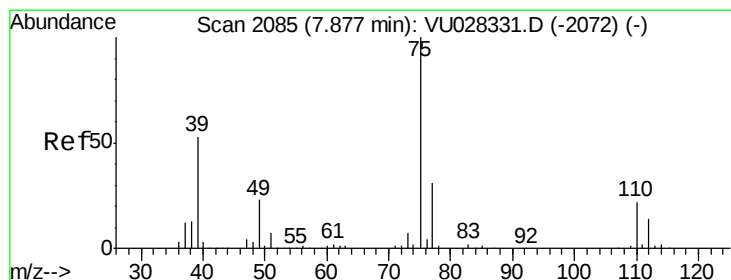
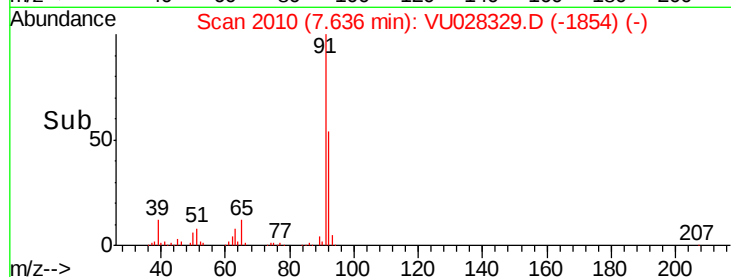
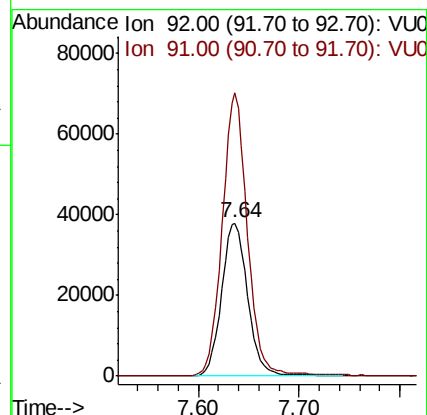
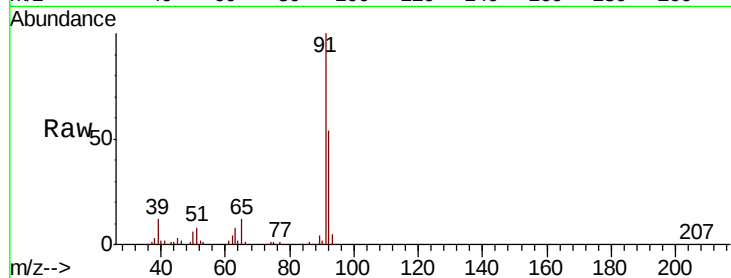
VSTDIC002

Tgt Ion: 92 Resp: 68689

Ion Ratio Lower Upper

92 100

91 178.0 141.5 212.3



#50

t-1,3-Dichloropropene

Concen: 1.880 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. 0.00 min

Lab File: VU028329.D

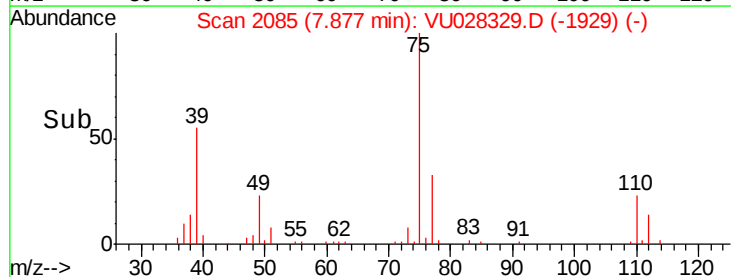
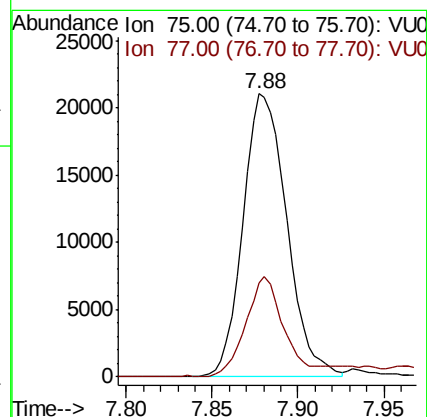
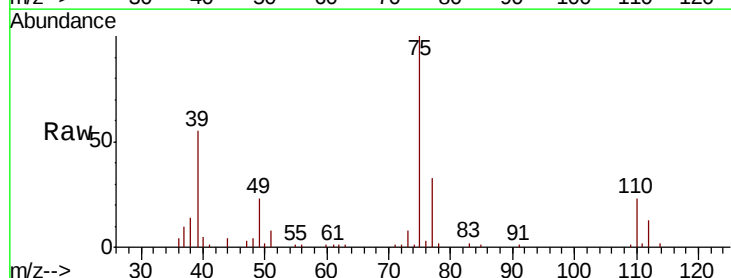
Acq: 26 Nov 2018 10:37

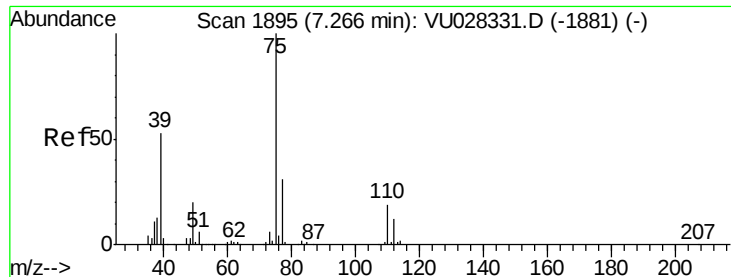
Tgt Ion: 75 Resp: 37359

Ion Ratio Lower Upper

75 100

77 33.0 24.7 37.1



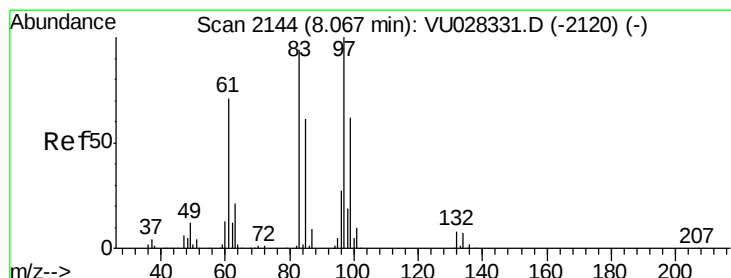
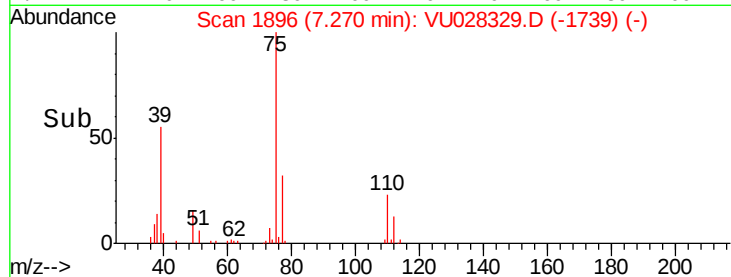
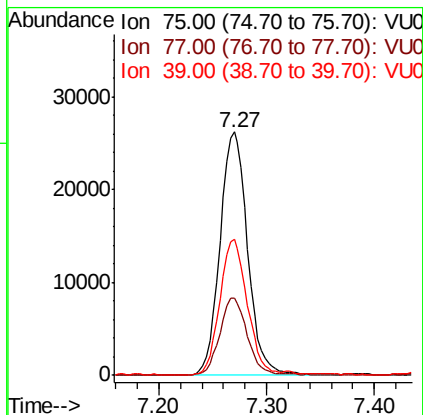
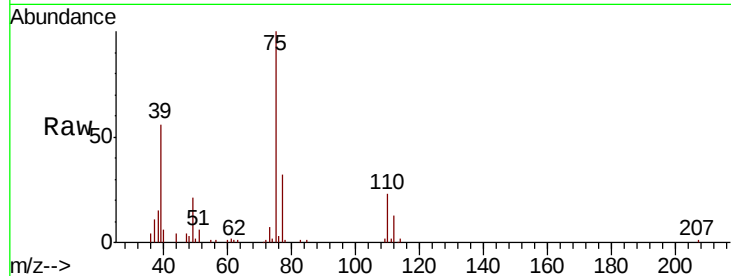


#51

cis-1,3-Dichloropropene
 Concen: 1.910 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

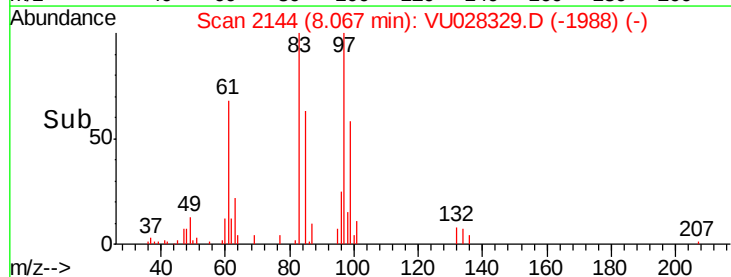
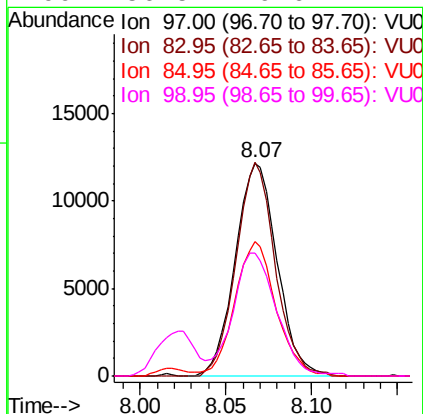
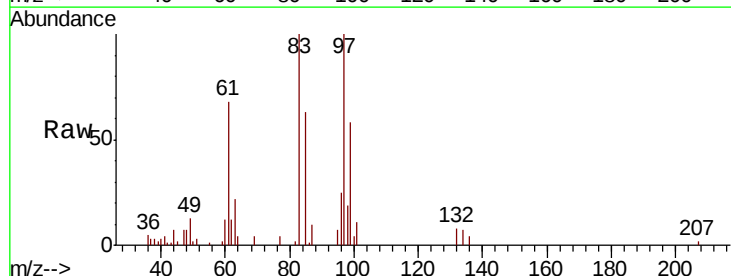
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.4	36.6
39	55.8	42.8	64.2

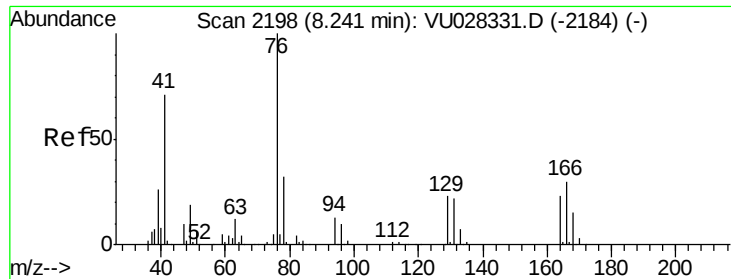


#52

1,1,2-Trichloroethane
 Concen: 1.872 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Tgt Ion	Ratio	Lower	Upper
97	100		
83	100.3	75.1	112.7
85	63.0	48.7	73.1
99	56.5	49.6	74.4

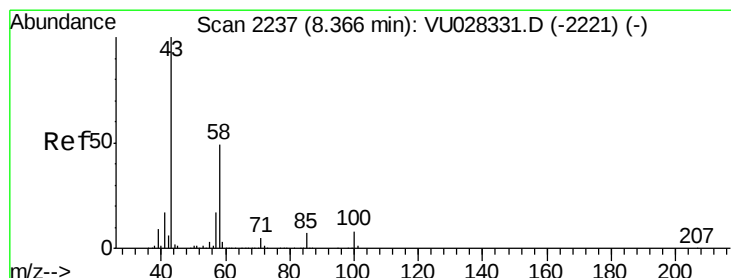
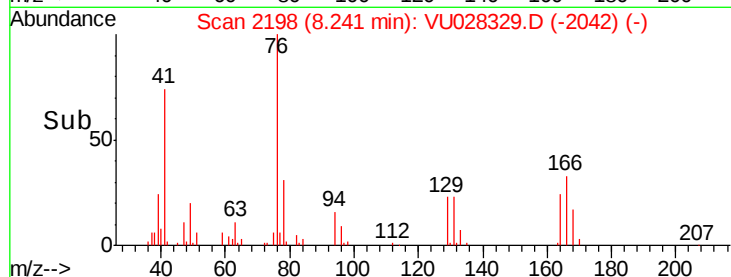
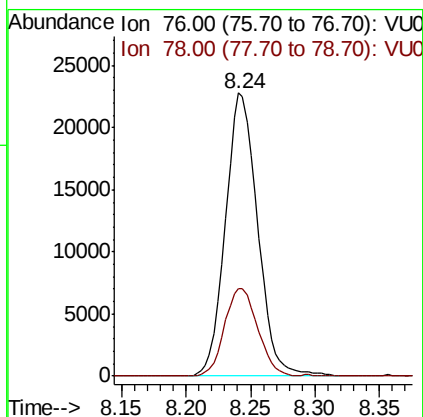
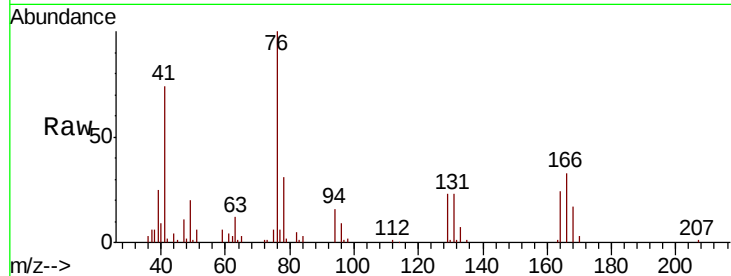




#53
 1,3-Dichloropropane
 Concen: 1.921 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

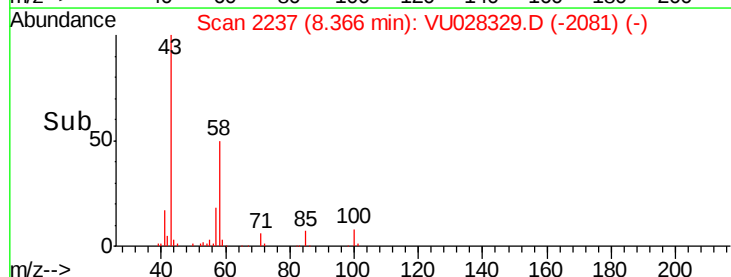
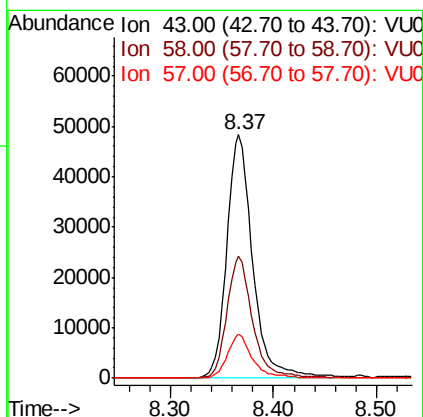
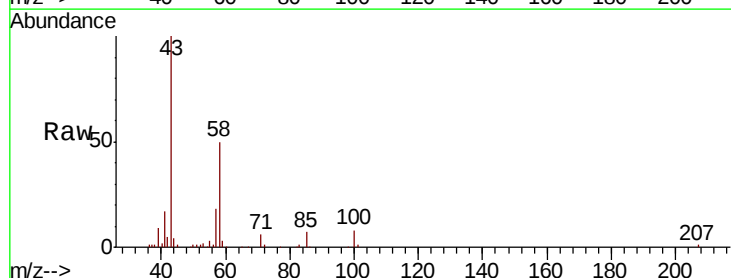
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

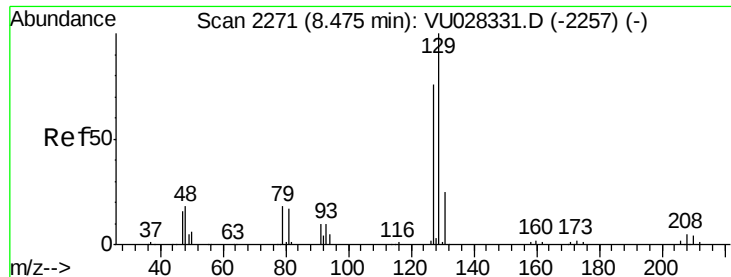
Tgt Ion: 76 Resp: 39466
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.4 38.0



#54
 2-Hexanone
 Concen: 9.344 ug/l
 RT: 8.37 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Tgt Ion: 43 Resp: 84595
 Ion Ratio Lower Upper
 43 100
 58 49.4 29.3 69.3
 57 17.5 0.0 36.8





#55

Dibromochloromethane

Concen: 1.889 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

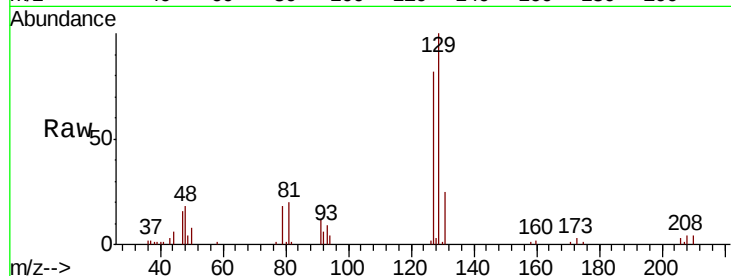
VSTDIC002

Tgt Ion:129 Resp: 22102

Ion Ratio Lower Upper

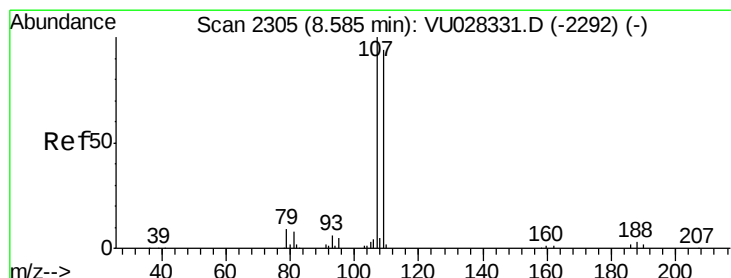
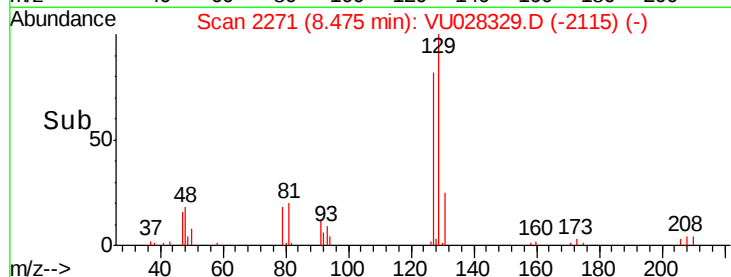
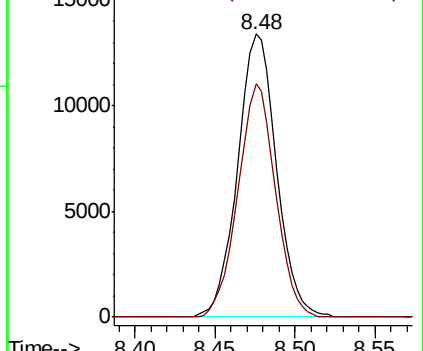
129 100

127 79.3 61.0 91.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.920 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU028329.D

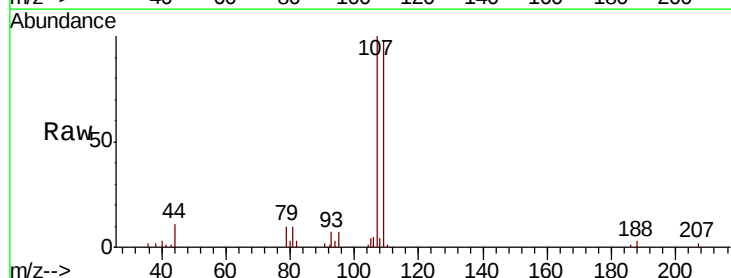
Acq: 26 Nov 2018 10:37

Tgt Ion:107 Resp: 19237

Ion Ratio Lower Upper

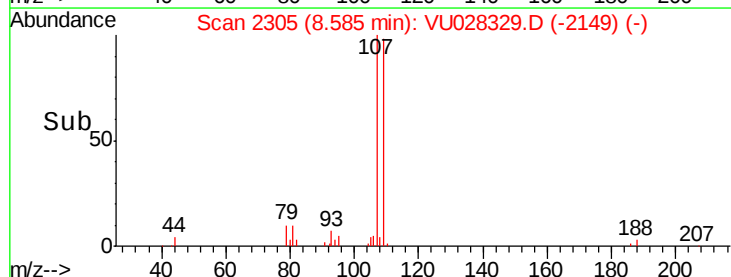
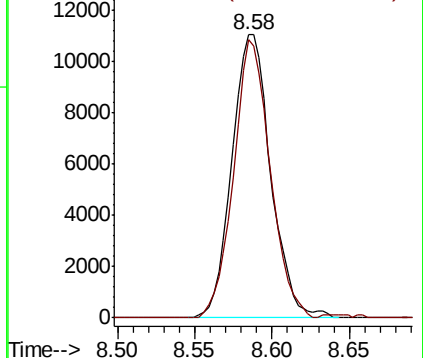
107 100

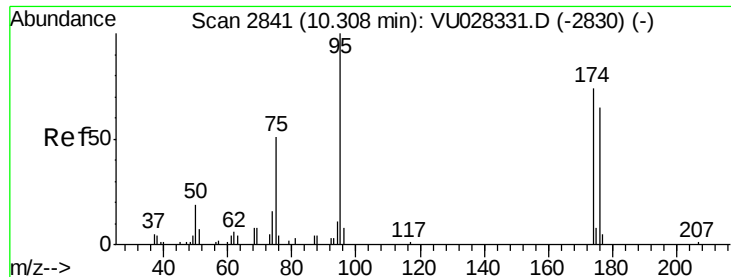
109 92.5 0.0 187.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

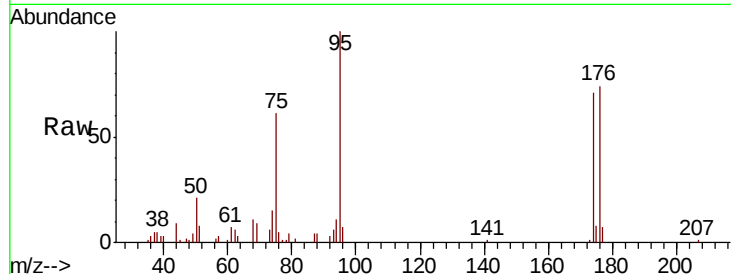




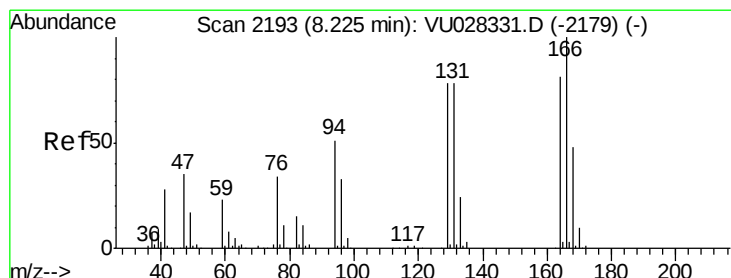
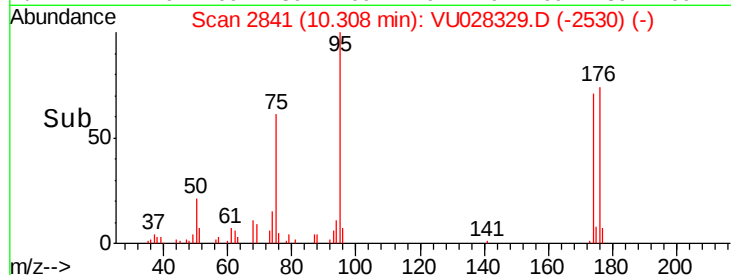
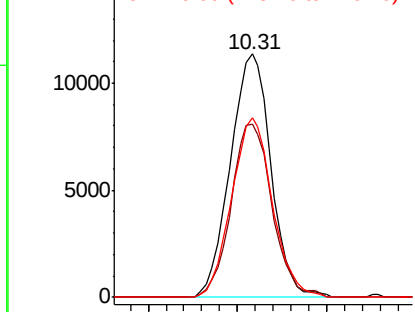
#57
4-Bromofluorobenzene
Concen: 1.920 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 95 Resp: 18028
Ion Ratio Lower Upper
95 100
174 71.8 59.3 88.9
176 74.1 54.3 81.5

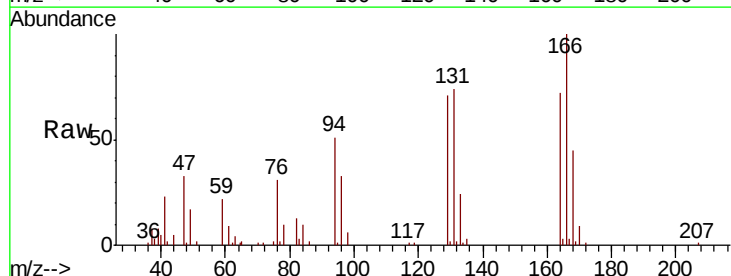


Abundance Ion 95.00 (94.70 to 95.70): VU028331.D (-2830) (-)
Ion 174.00 (173.70 to 174.70): VU028331.D (-2830) (-)
Ion 176.00 (175.70 to 176.70): VU028331.D (-2830) (-)

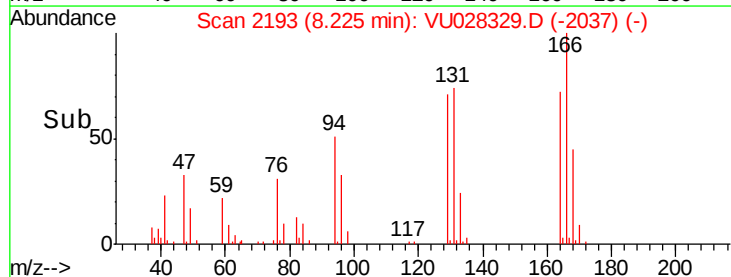
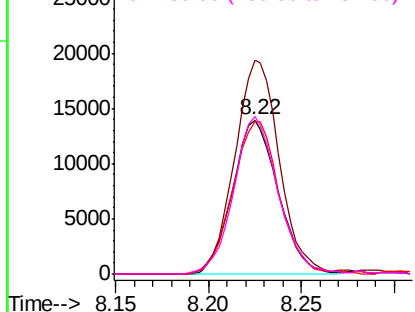


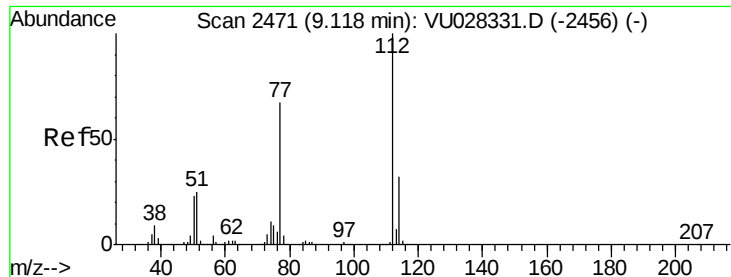
#58
Tetrachloroethene
Concen: 1.849 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion: 164 Resp: 23791
Ion Ratio Lower Upper
164 100
166 139.0 98.6 148.0
129 99.0 77.0 115.4
131 101.6 77.0 115.4



Abundance Ion 163.85 (163.55 to 164.55): VU028331.D (-2179) (-)
Ion 165.80 (165.50 to 166.50): VU028331.D (-2179) (-)
Ion 128.90 (128.60 to 129.60): VU028331.D (-2179) (-)
Ion 130.90 (130.60 to 131.60): VU028331.D (-2179) (-)

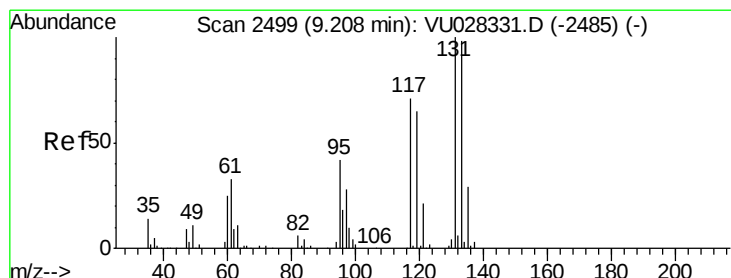
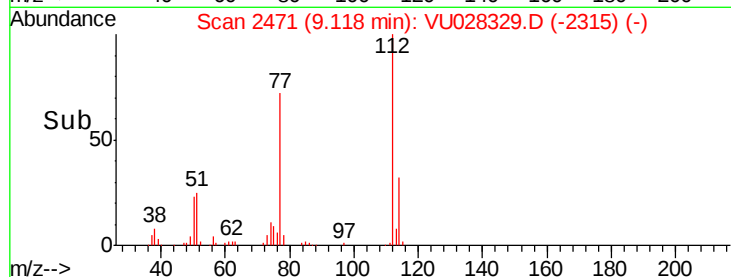
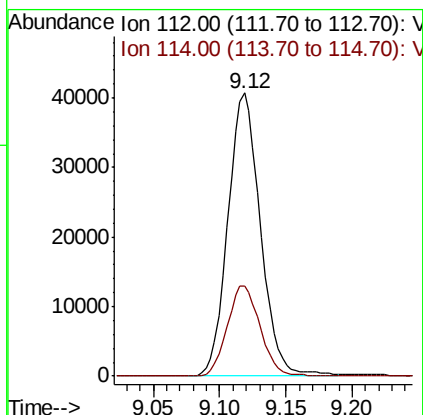
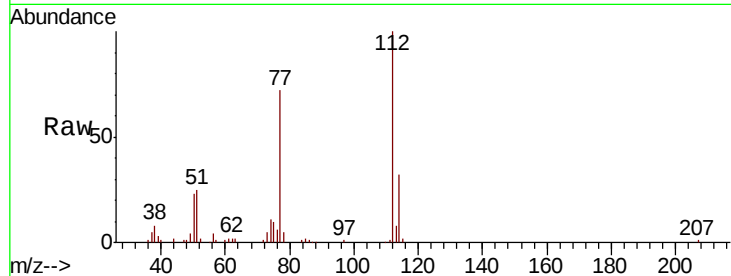




#59
Chlorobenzene
Concen: 1.861 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

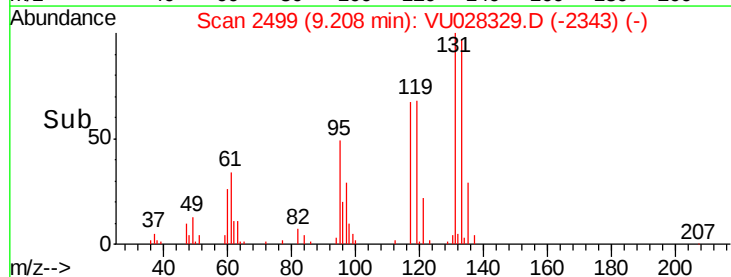
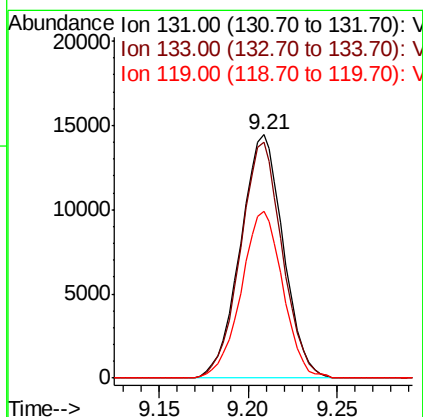
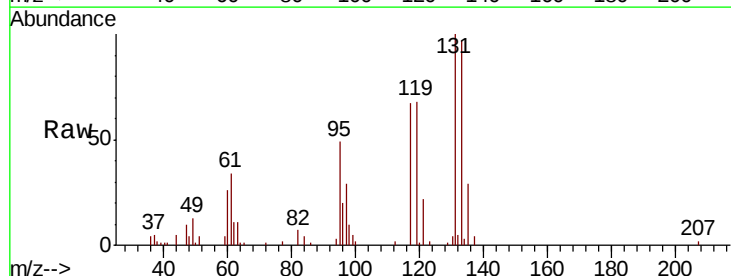
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

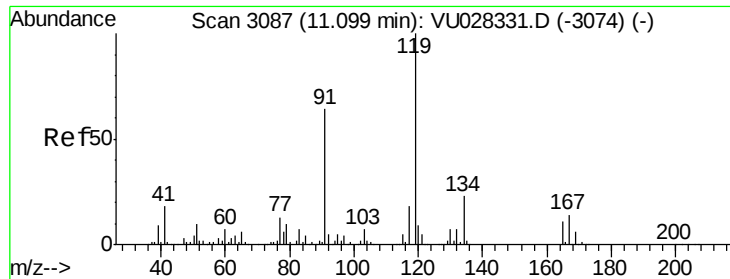
Tgt Ion:112 Resp: 69423
Ion Ratio Lower Upper
112 100
114 32.0 25.2 37.8



#60
1,1,1,2-Tetrachloroethane
Concen: 1.919 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion:131 Resp: 24249
Ion Ratio Lower Upper
131 100
133 94.9 77.7 116.5
119 66.4 54.3 81.5

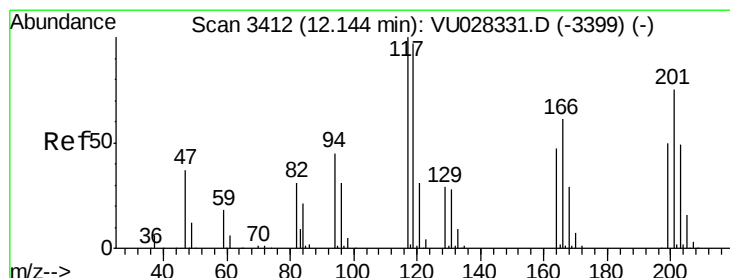
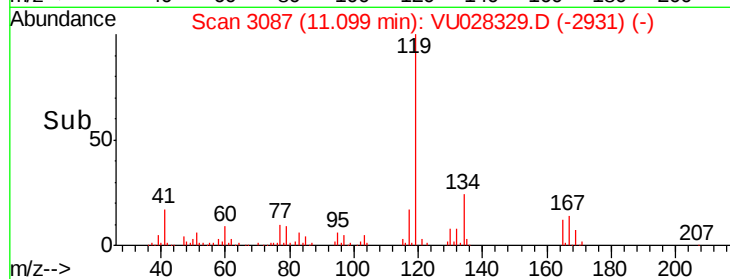
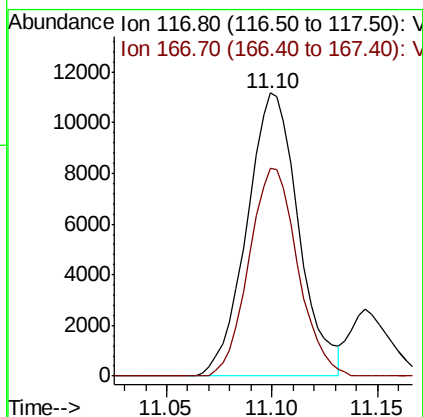
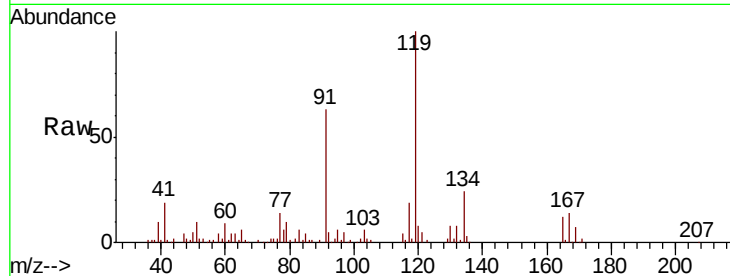




#61
 Pentachloroethane
 Concen: 1.942 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

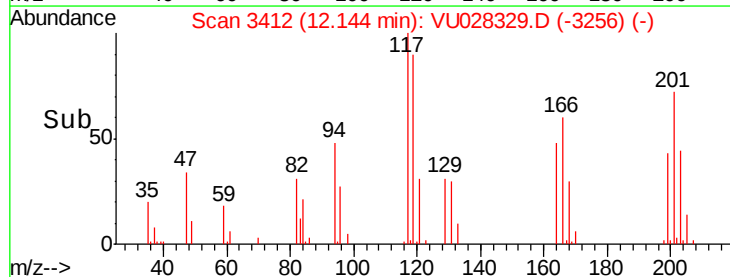
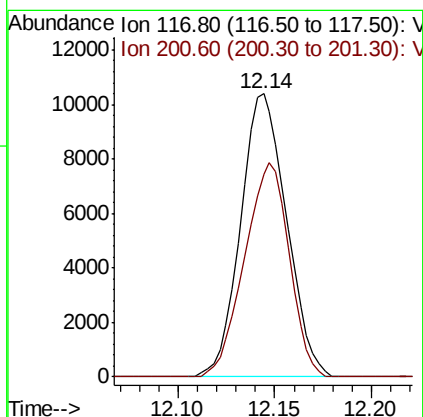
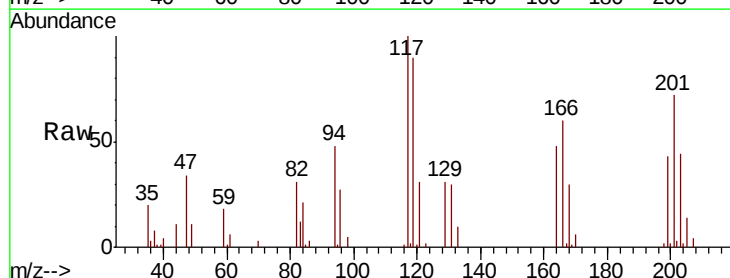
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

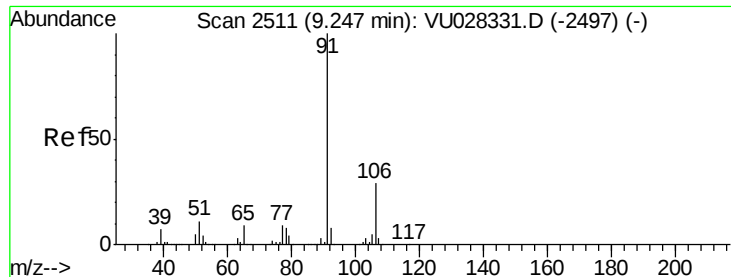
Tgt Ion:117 Resp: 19103
 Ion Ratio Lower Upper
 117 100
 167 69.0 64.2 96.2



#62
 Hexachloroethane
 Concen: 1.864 ug/l
 RT: 12.14 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Tgt Ion:117 Resp: 17185
 Ion Ratio Lower Upper
 117 100
 201 73.5 59.4 89.2

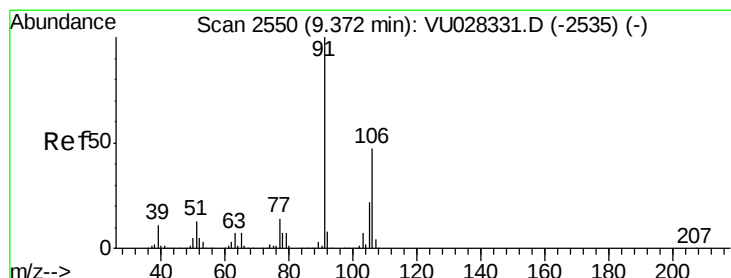
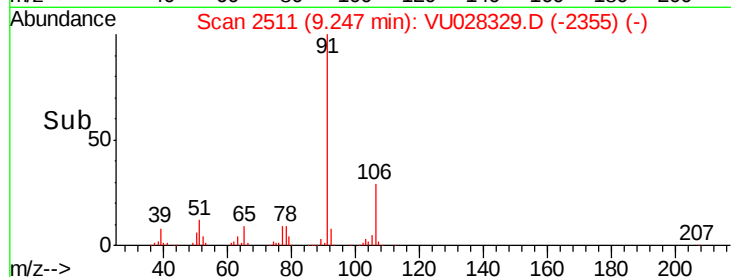
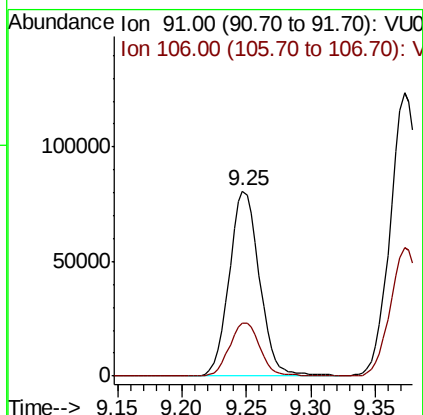
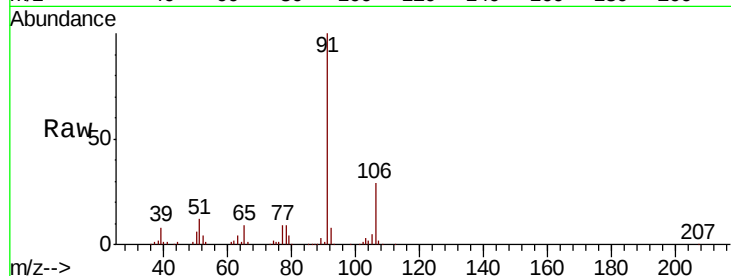




#63
Ethyl Benzene
Concen: 1.917 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

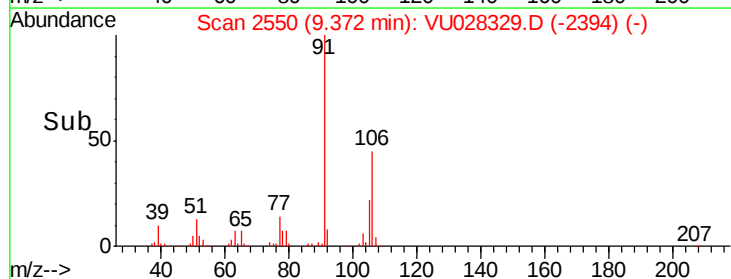
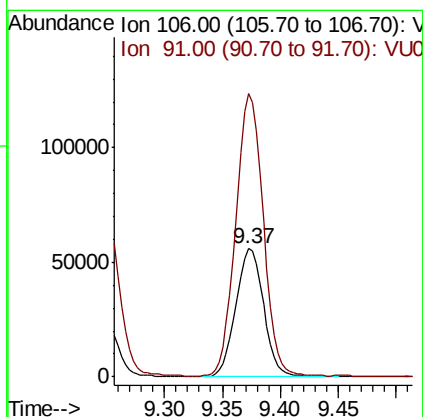
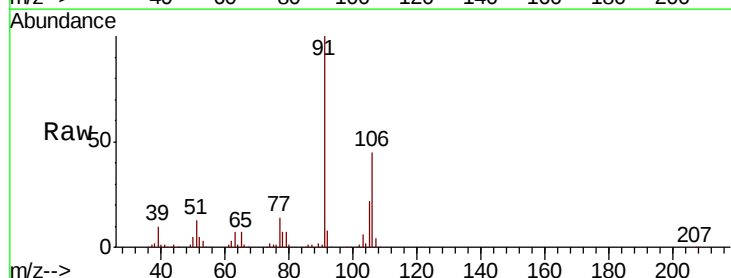
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

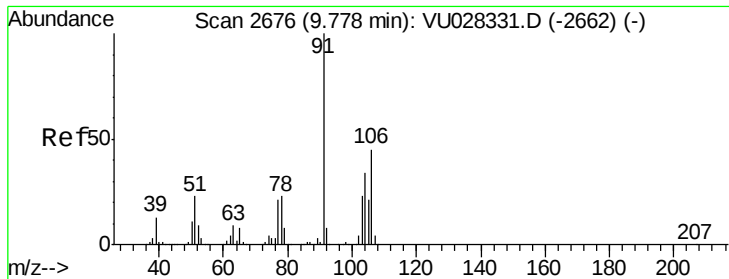
Tgt Ion: 91 Resp: 131916
Ion Ratio Lower Upper
91 100
106 28.8 23.4 35.2



#64
m/p-Xylenes
Concen: 3.754 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion: 106 Resp: 93498
Ion Ratio Lower Upper
106 100
91 215.9 170.6 256.0

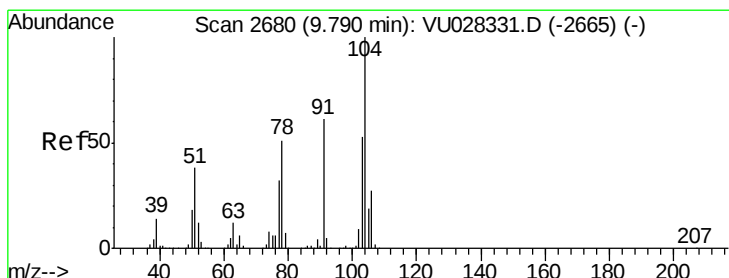
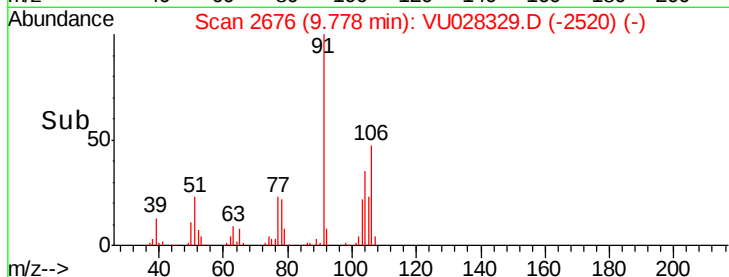
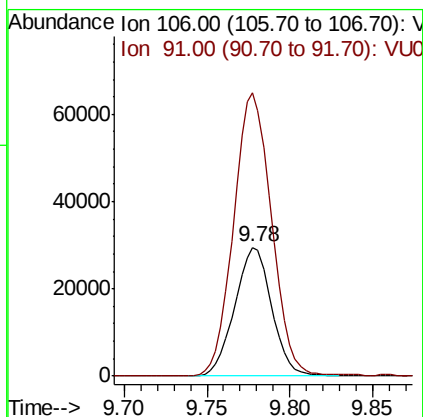
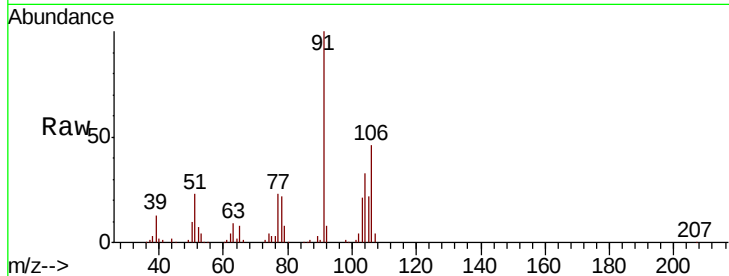




#65
o-Xylene
Concen: 1.902 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

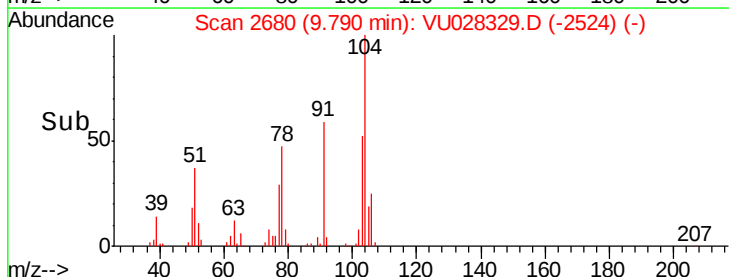
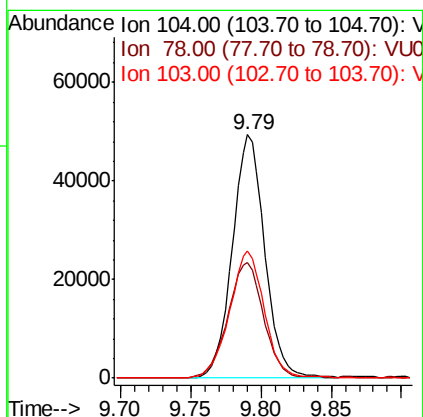
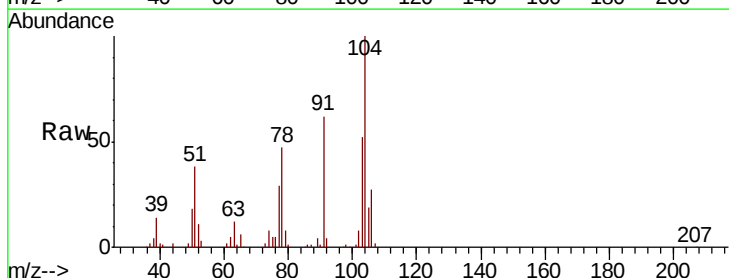
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

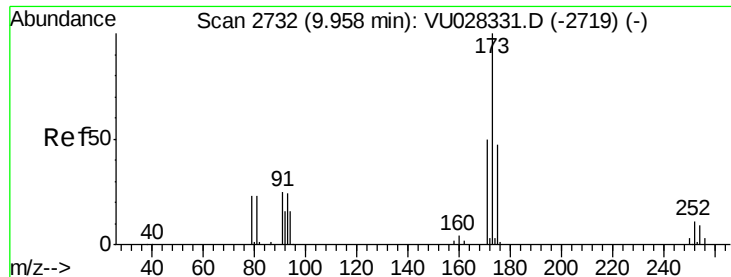
Tgt Ion:106 Resp: 45718
Ion Ratio Lower Upper
106 100
91 225.8 112.3 337.0



#66
Styrene
Concen: 1.928 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion:104 Resp: 79467
Ion Ratio Lower Upper
104 100
78 52.7 44.0 66.0
103 55.8 45.2 67.8

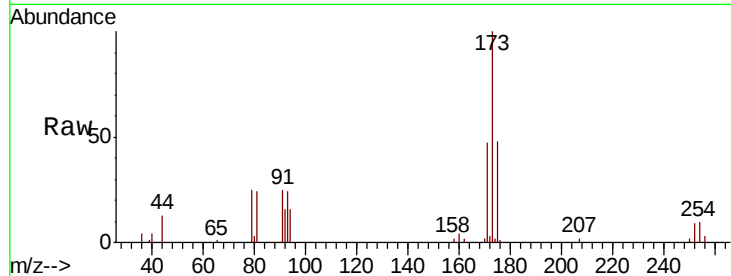




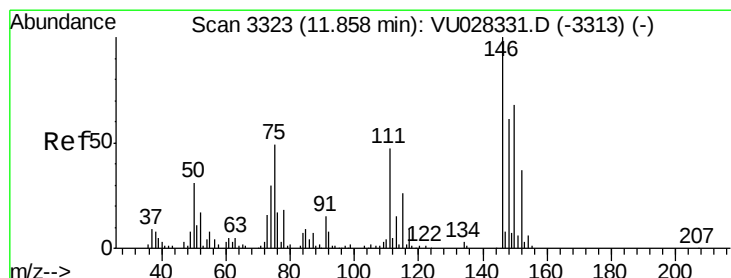
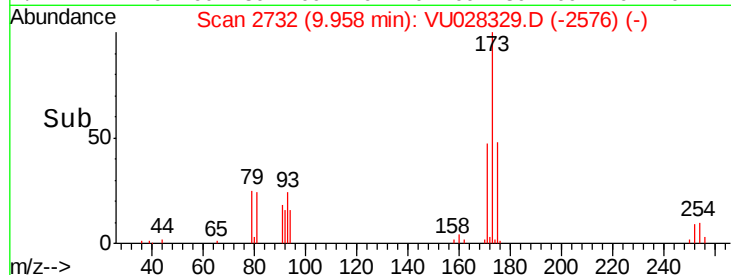
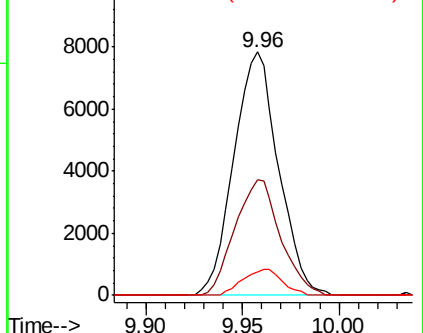
#67
Bromoform
Concen: 1.918 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:173 Resp: 12576
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.6
254 9.5 6.8 10.2

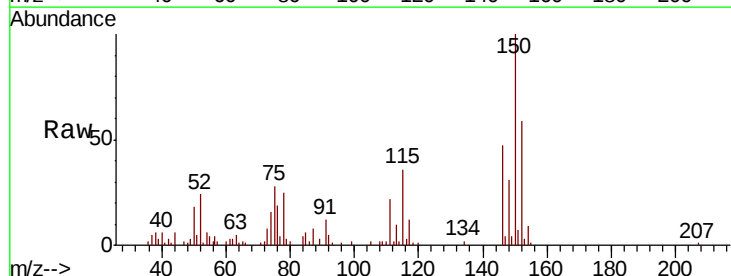


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

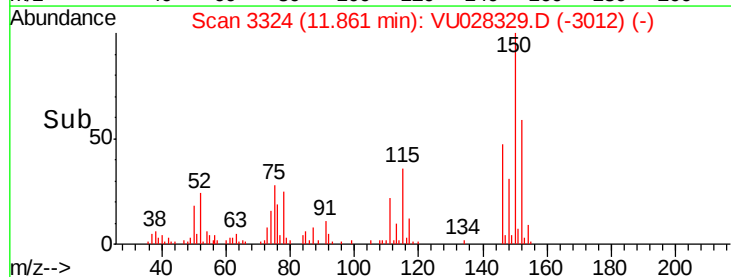
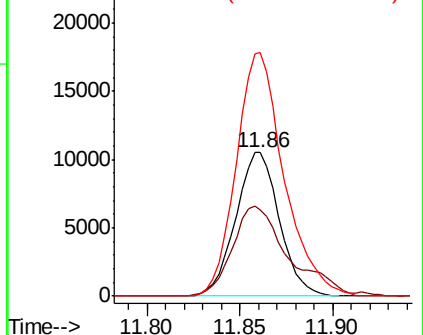


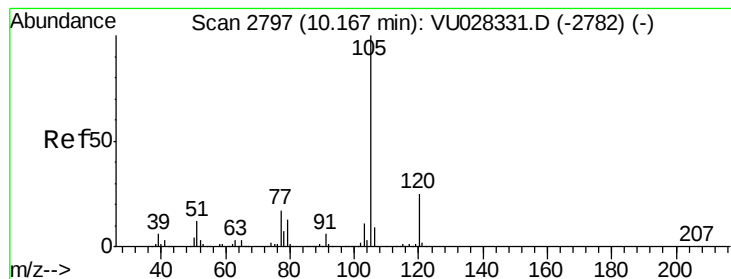
#68
1,2-Dichlorobenzene-d4
Concen: 1.918 ug/l
RT: 11.86 min Scan# 3324
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion:152 Resp: 17123
Ion Ratio Lower Upper
152 100
115 81.3 0.0 146.8
150 186.1 0.0 653.2



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: 1.871 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

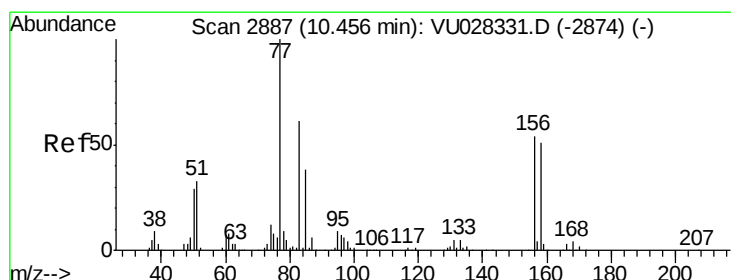
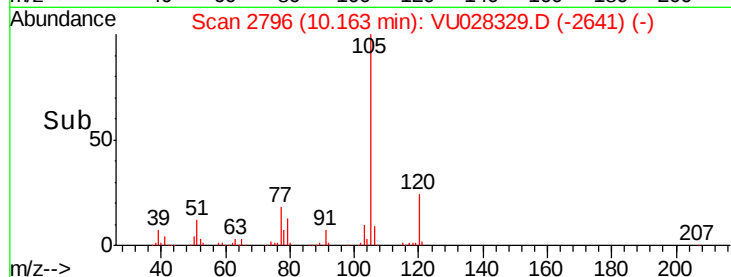
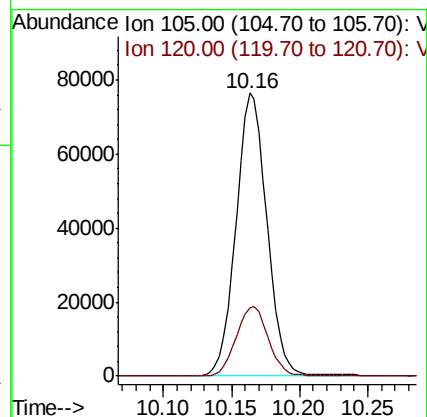
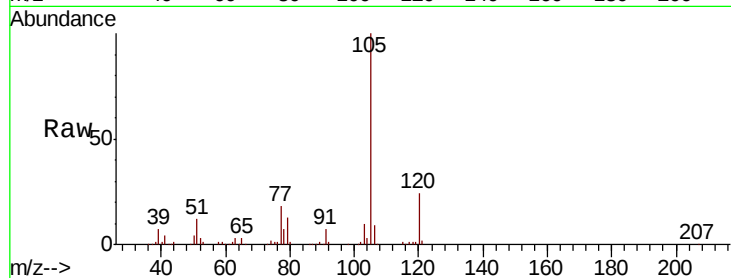
VSTDIC002

Tgt Ion:105 Resp: 120385

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.859 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

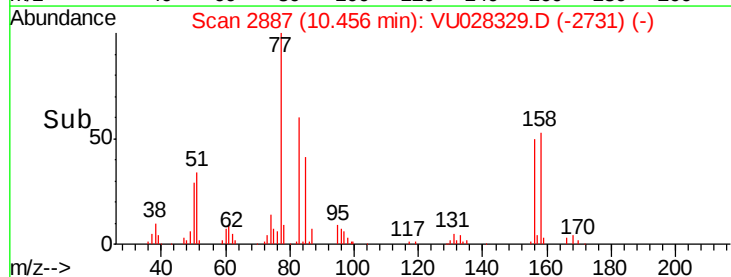
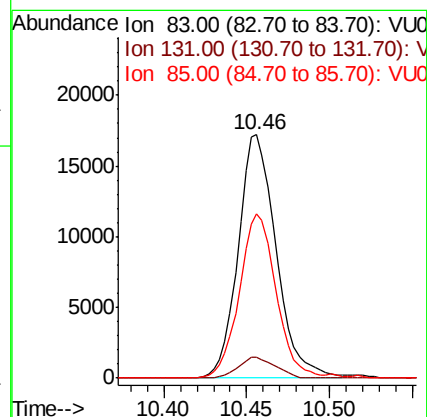
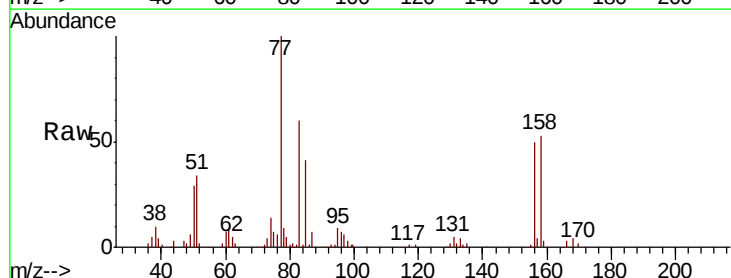
Tgt Ion: 83 Resp: 27431

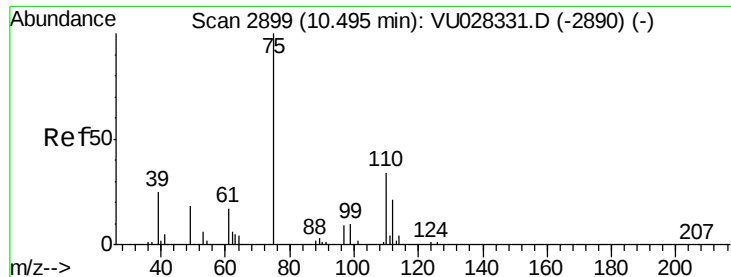
Ion Ratio Lower Upper

83 100

131 8.3 6.6 9.8

85 65.8 50.5 75.7

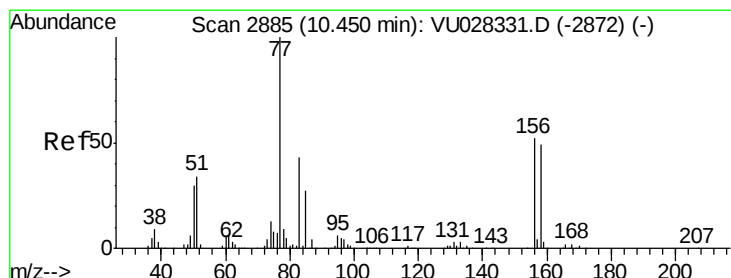
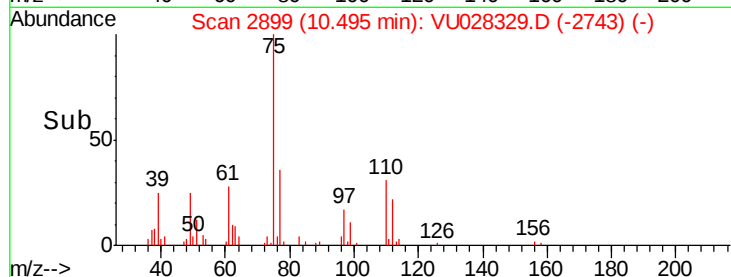
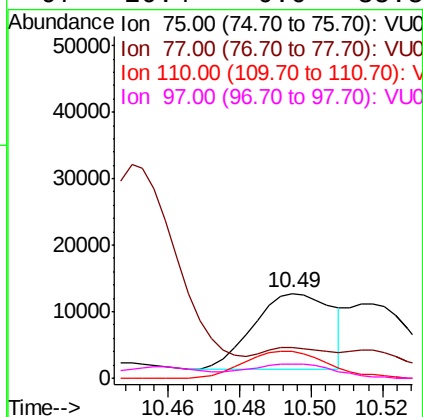
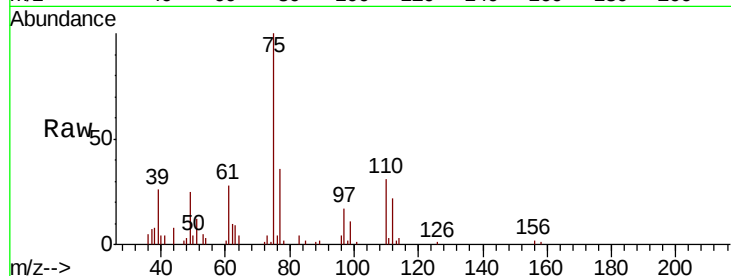




#71
 1,2,3-Trichloropropane
 Concen: 1.710 ug/l
 RT: 10.49 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

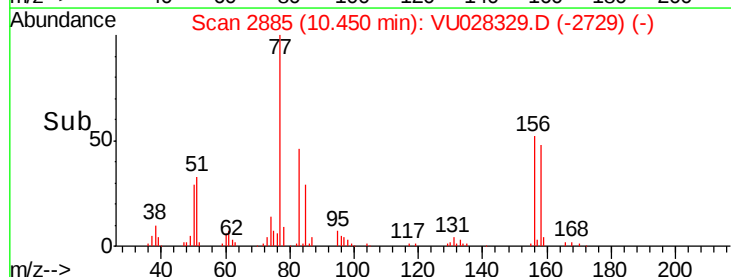
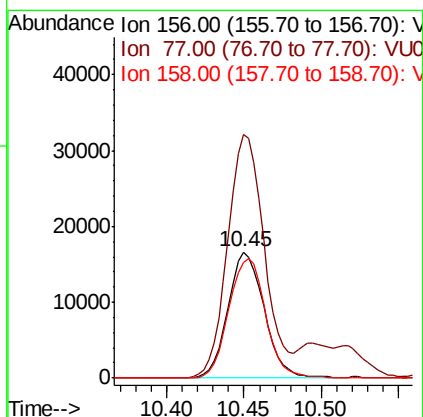
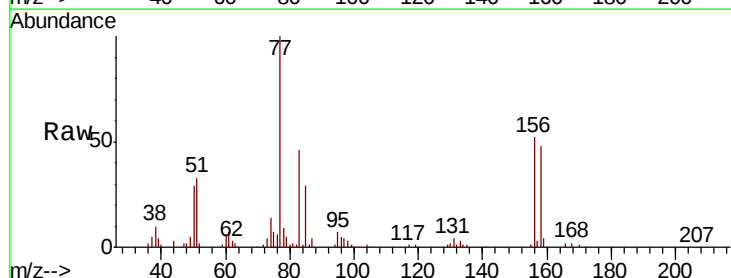
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

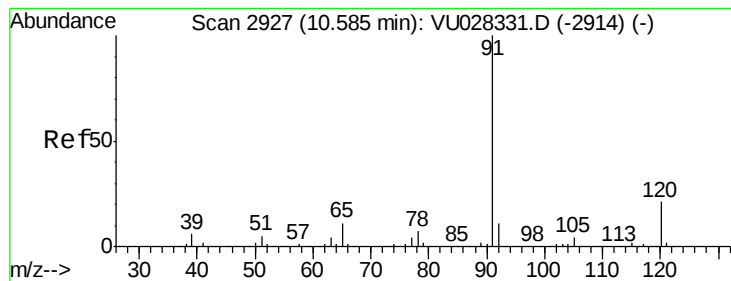
Tgt Ion:	75	Resp:	17385
Ion	Ratio	Lower	Upper
75	100		
77	9.9	0.0	0.0#
110	37.9	0.0	67.6
97	20.4	0.0	35.8



#72
 Bromobenzene
 Concen: 1.888 ug/l
 RT: 10.45 min Scan# 2885
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Tgt Ion:	156	Resp:	26973
Ion	Ratio	Lower	Upper
156	100		
77	196.3	0.0	380.4
158	96.7	0.0	191.2





#73

n-propylbenzene

Concen: 1.876 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

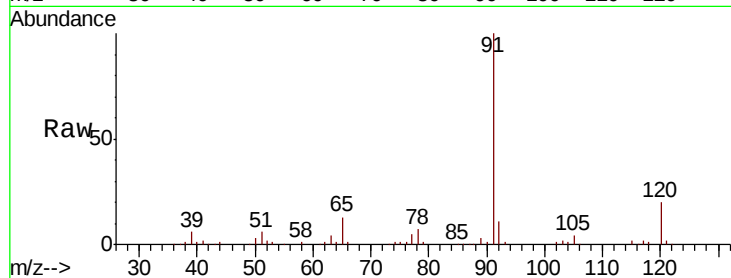
VSTDIC002

Tgt Ion:120 Resp: 31310

Ion Ratio Lower Upper

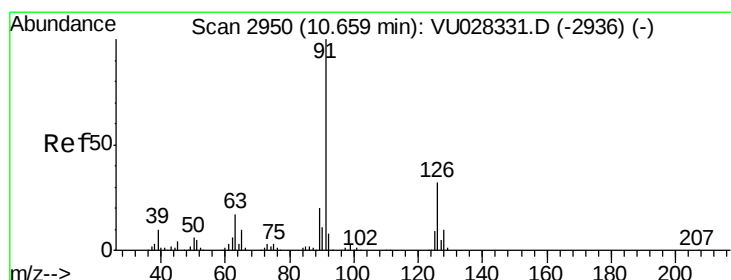
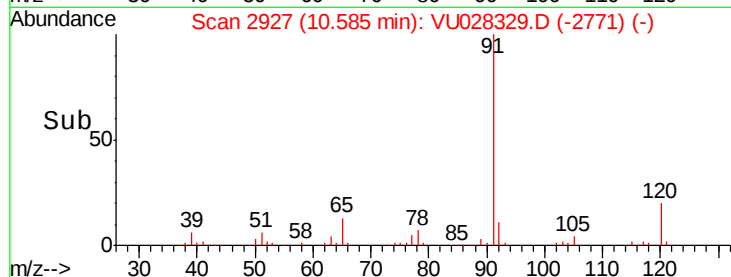
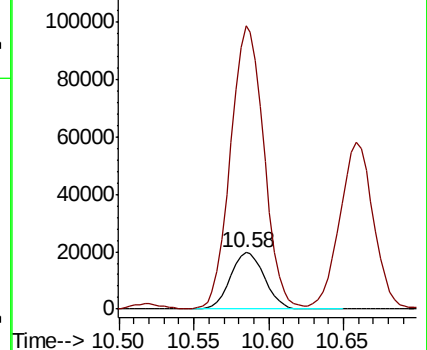
120 100

91 488.5 388.1 582.1



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.887 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. 0.00 min

Lab File: VU028329.D

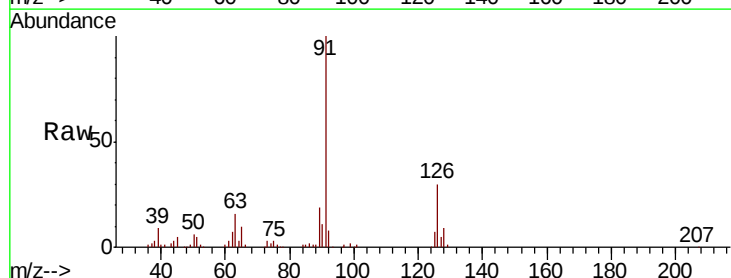
Acq: 26 Nov 2018 10:37

Tgt Ion:126 Resp: 27593

Ion Ratio Lower Upper

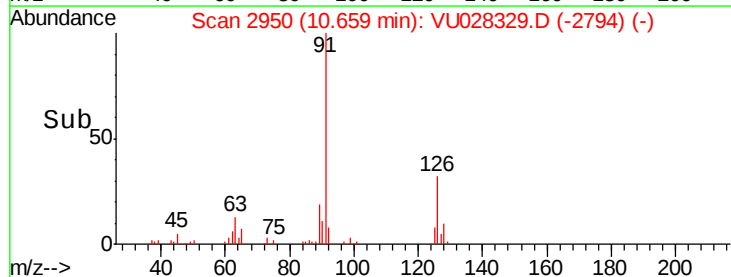
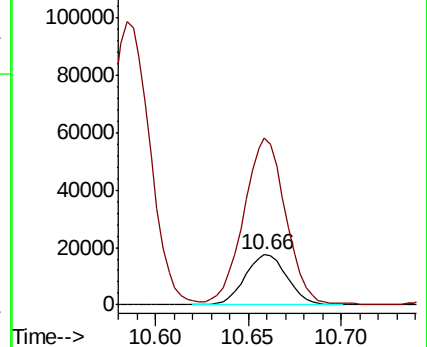
126 100

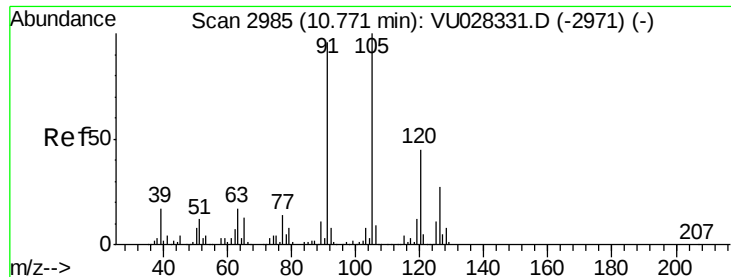
91 328.8 0.0 661.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.892 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

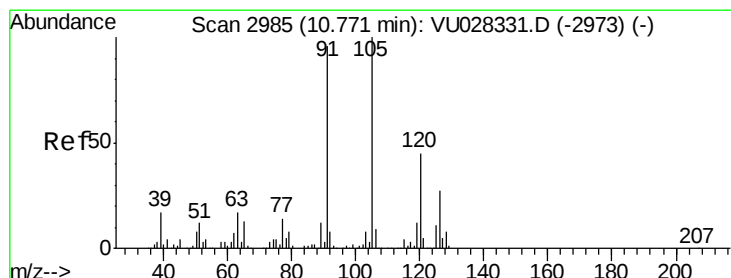
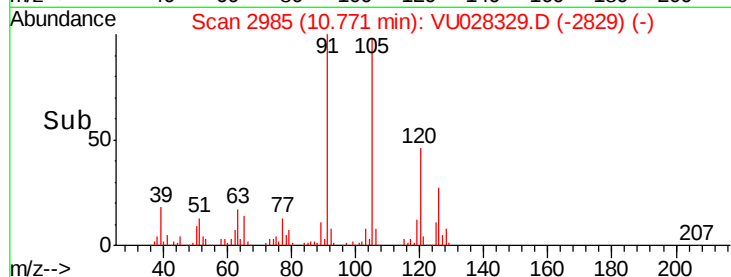
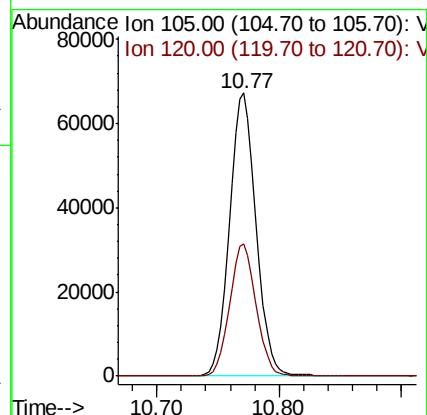
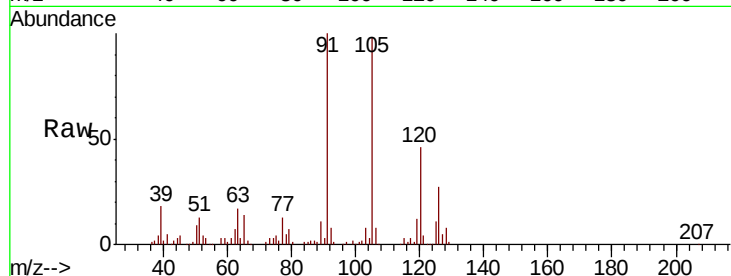
VSTDIC002

Tgt Ion:105 Resp: 102487

Ion Ratio Lower Upper

105 100

120 46.6 36.3 54.5



#76

4-Chlorotoluene

Concen: 1.879 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028329.D

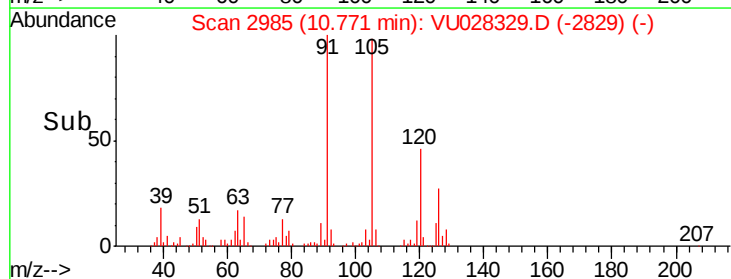
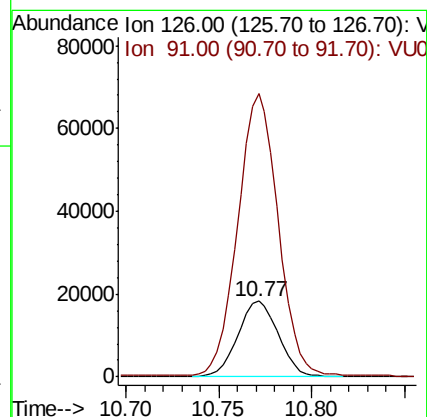
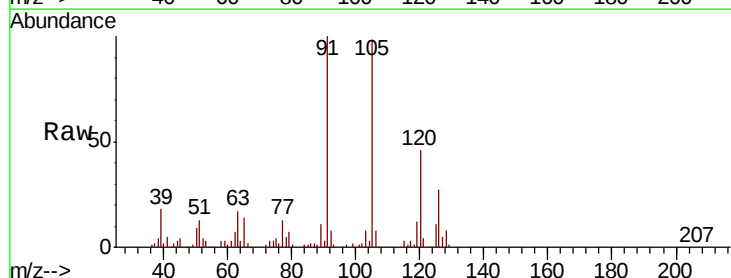
Acq: 26 Nov 2018 10:37

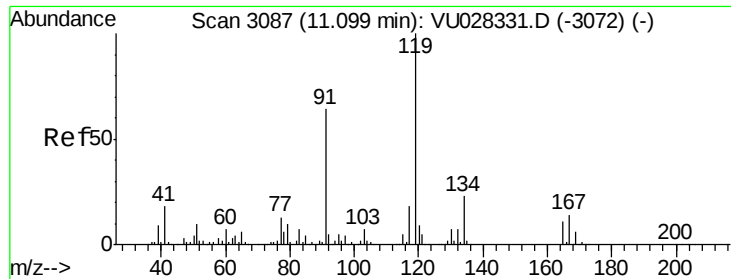
Tgt Ion:126 Resp: 27855

Ion Ratio Lower Upper

126 100

91 367.0 0.0 731.2

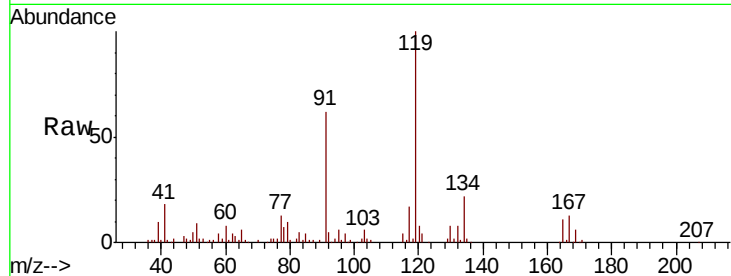




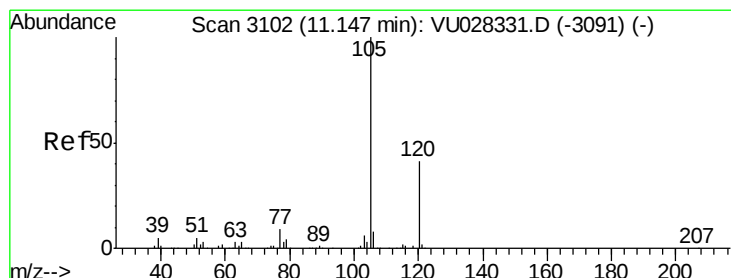
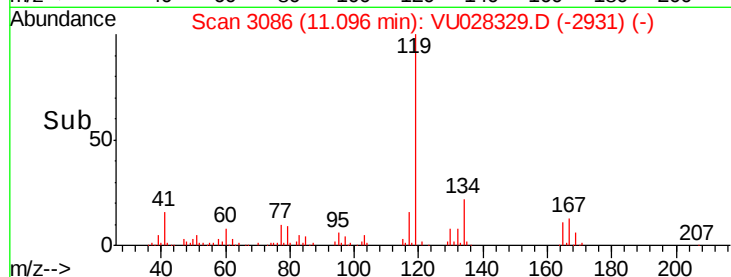
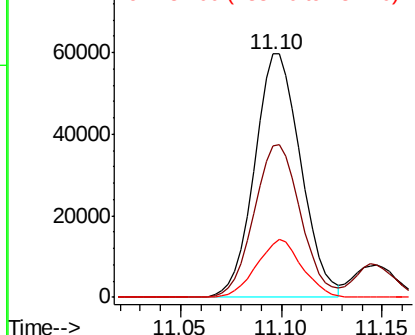
#77
tert-Butylbenzene
Concen: 1.872 ug/l
RT: 11.10 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:119 Resp: 95463
Ion Ratio Lower Upper
119 100
91 63.3 32.0 96.0
134 23.4 17.9 26.9

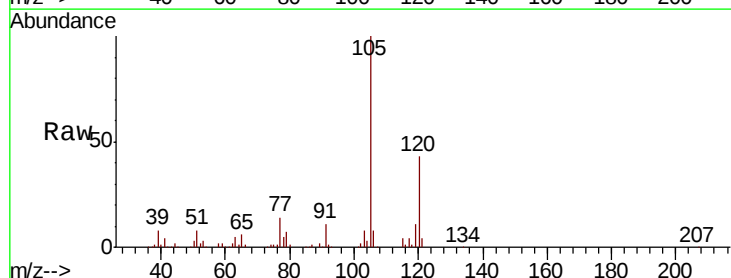


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VU
Ion 134.00 (133.70 to 134.70): V

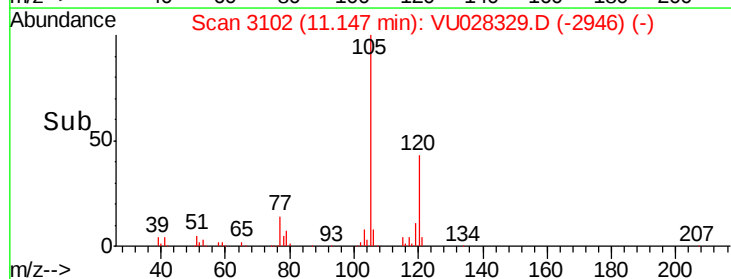
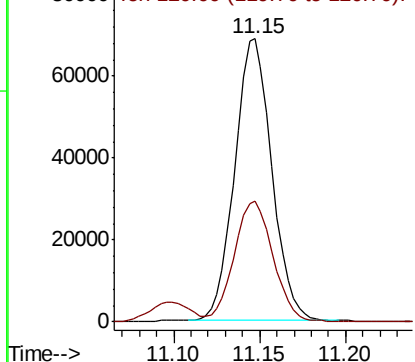


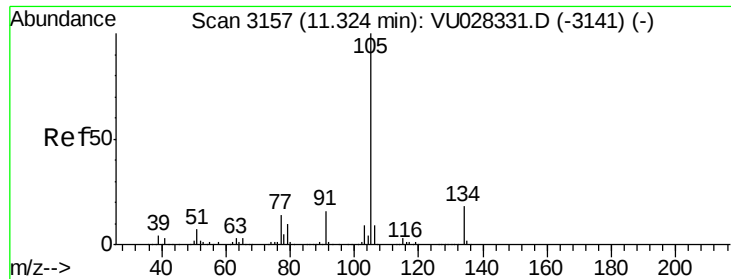
#78
1,2,4-Trimethylbenzene
Concen: 1.856 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion:105 Resp: 102988
Ion Ratio Lower Upper
105 100
120 45.1 21.9 65.8



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

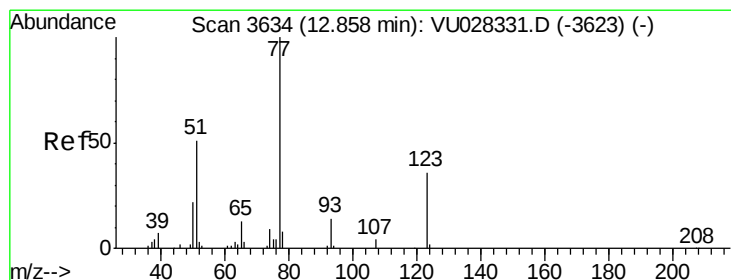
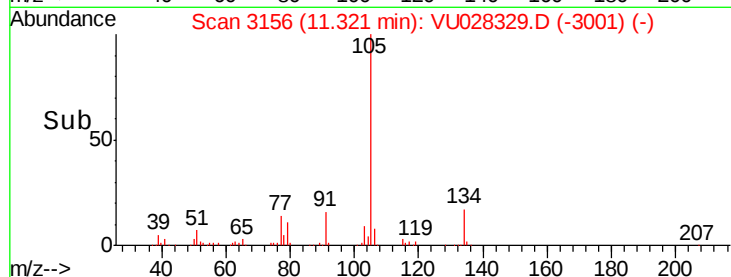
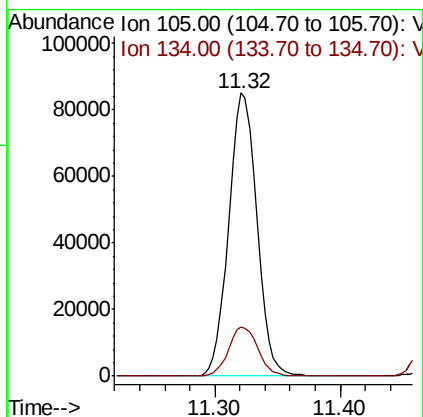
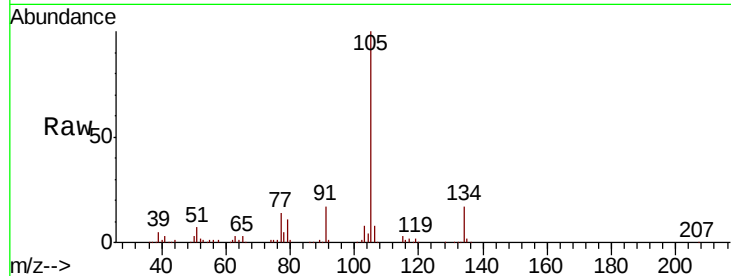




#79
 sec-Butylbenzene
 Concen: 1.867 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

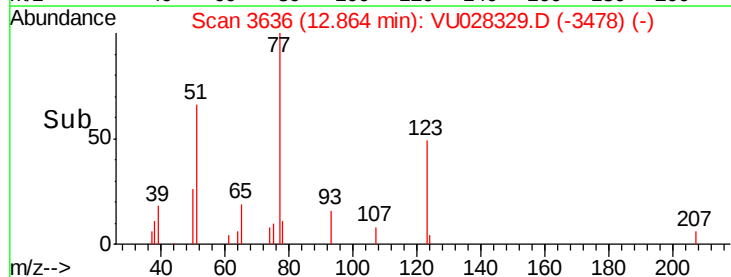
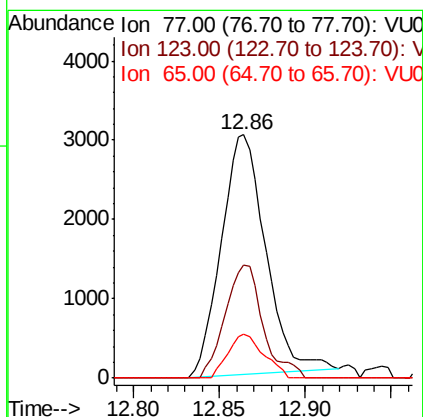
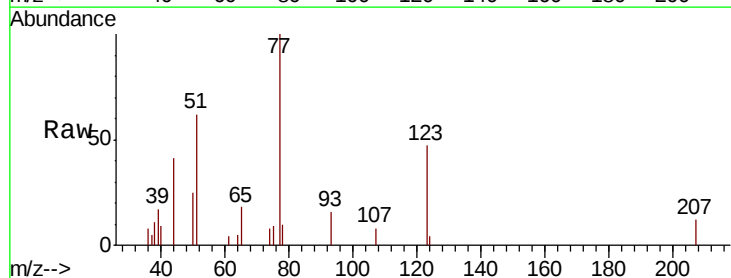
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

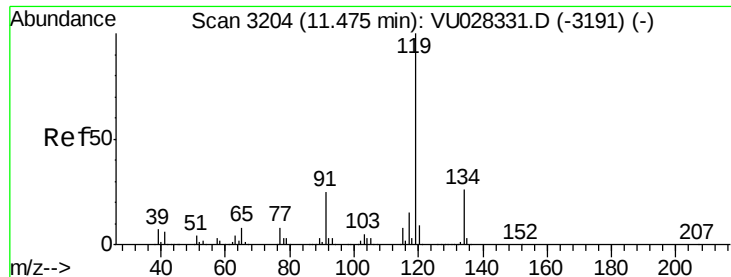
Tgt Ion: 105 Resp: 132708
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.6 22.0



#80
 Nitrobenzene
 Concen: 8.198 ug/l
 RT: 12.86 min Scan# 3636
 Delta R.T. 0.01 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Tgt Ion: 77 Resp: 5449
 Ion Ratio Lower Upper
 77 100
 123 40.2 16.5 58.3
 65 14.9 12.1 15.3

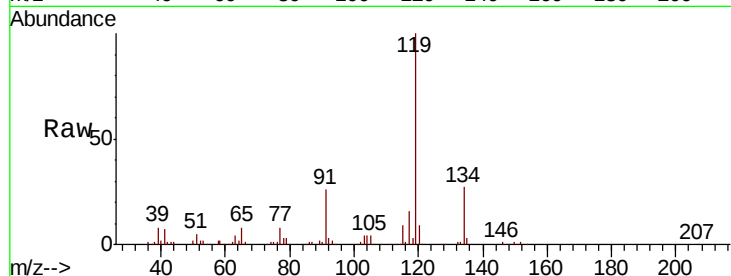




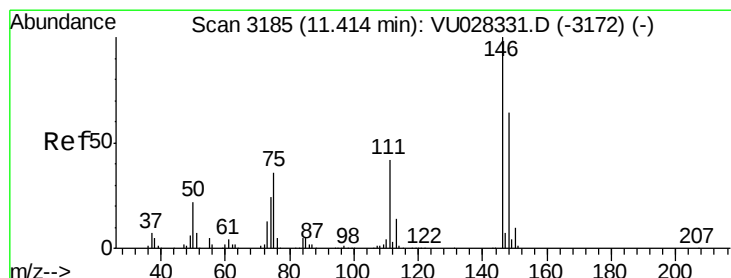
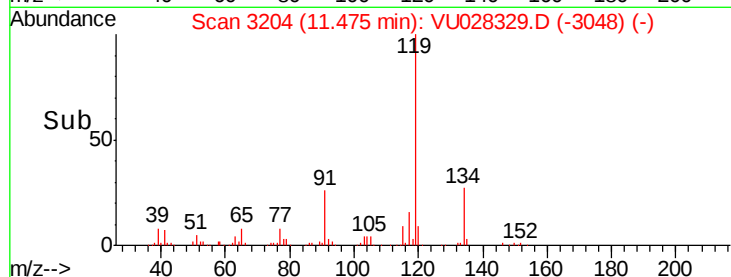
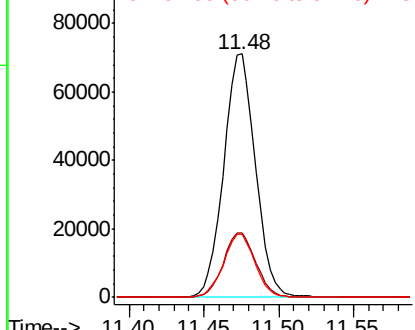
#81
p-Isopropyltoluene
Concen: 1.859 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:119 Resp: 105023
Ion Ratio Lower Upper
119 100
134 27.0 20.3 30.5
91 25.9 20.0 30.0

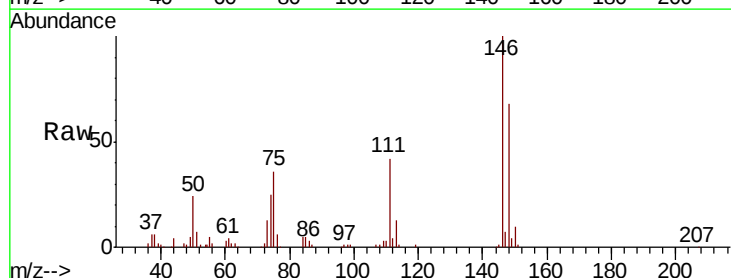


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

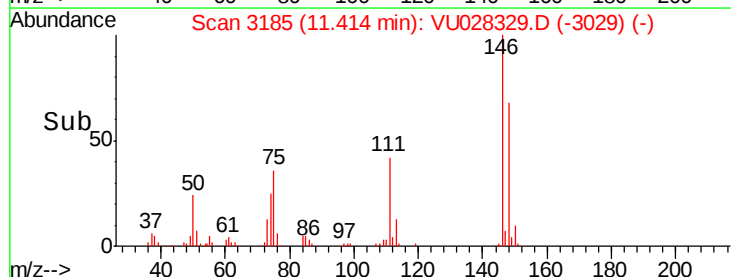
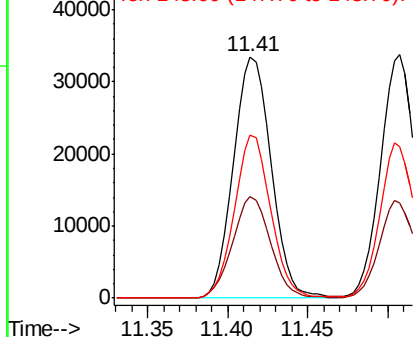


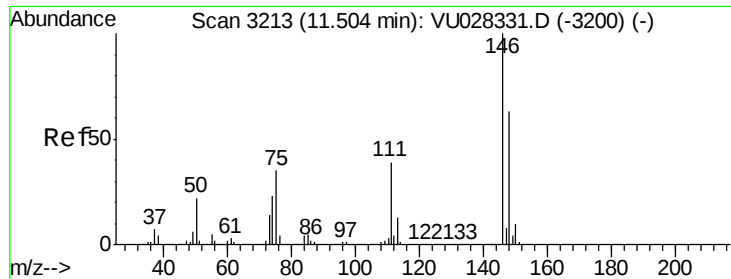
#82
1,3-Dichlorobenzene
Concen: 1.881 ug/l
RT: 11.41 min Scan# 3185
Delta R.T. 0.00 min
Lab File: VU028329.D
Acq: 26 Nov 2018 10:37

Tgt Ion:146 Resp: 53828
Ion Ratio Lower Upper
146 100
111 42.3 33.4 50.2
148 65.0 51.2 76.8



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

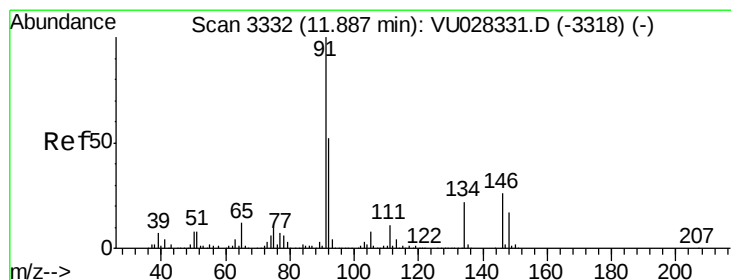
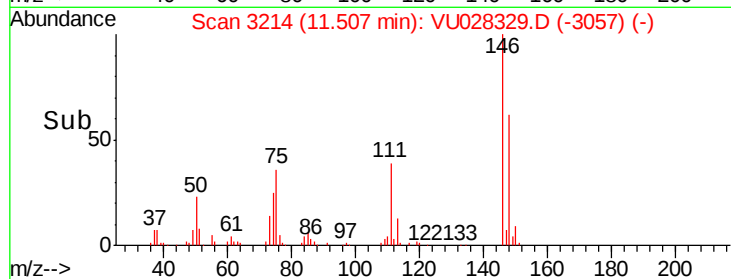
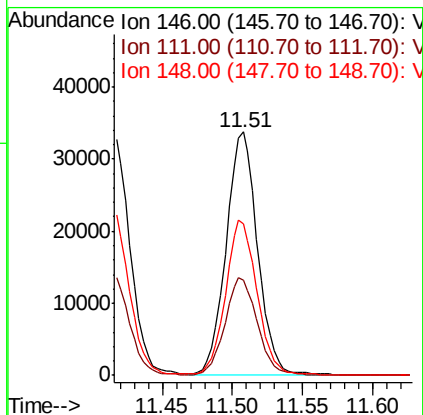
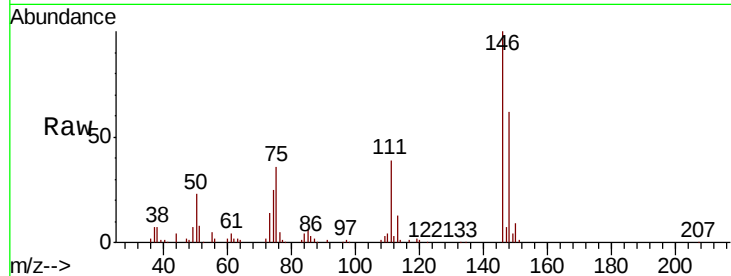




#83
 1,4-Dichlorobenzene
 Concen: 1.852 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

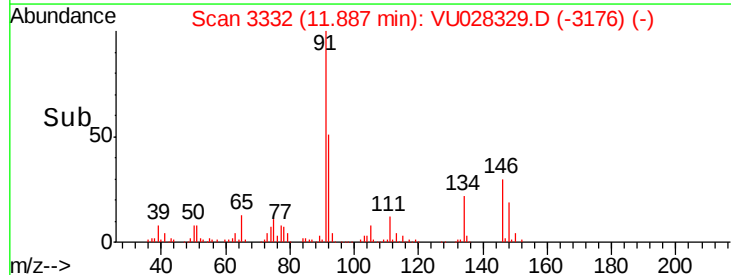
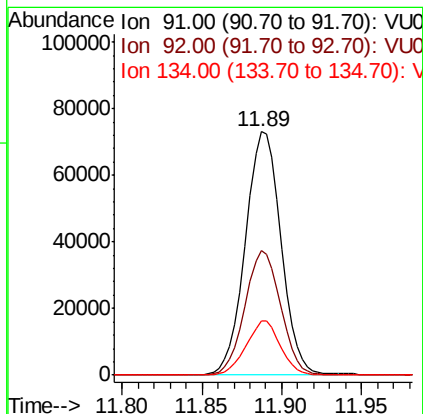
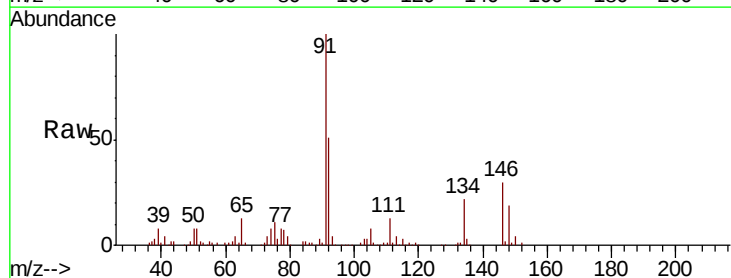
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

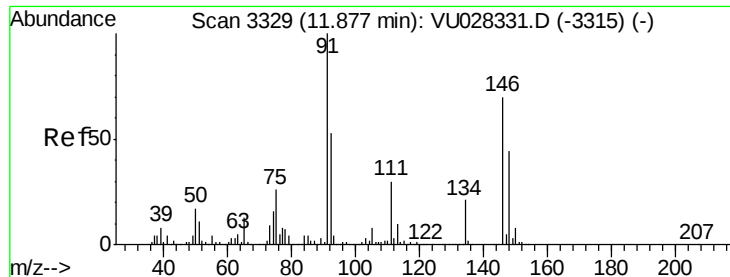
Tgt Ion: 146 Resp: 52739
 Ion Ratio Lower Upper
 146 100
 111 41.2 31.4 47.2
 148 63.9 50.7 76.1



#84
 n-Butylbenzene
 Concen: 1.876 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Tgt Ion: 91 Resp: 111259
 Ion Ratio Lower Upper
 91 100
 92 50.9 41.6 62.4
 134 21.5 17.8 26.6





#85

1,2-Dichlorobenzene

Concen: 1.854 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

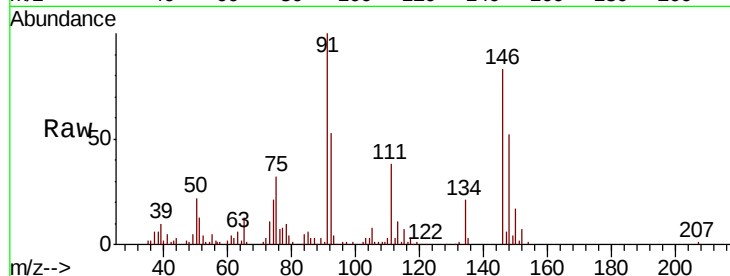
Tgt Ion:146 Resp: 50479

Ion Ratio Lower Upper

146 100

111 45.4 21.4 64.3

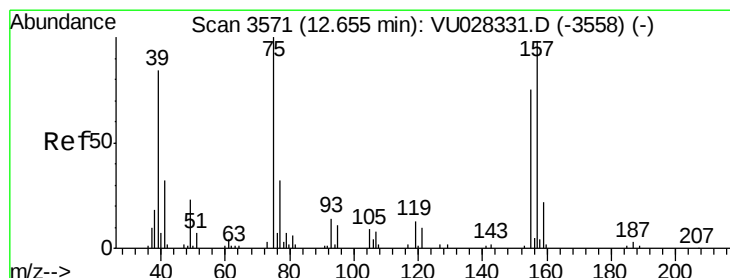
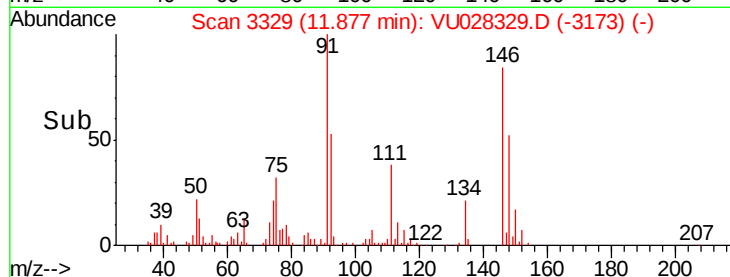
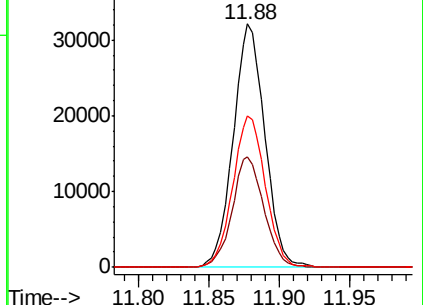
148 64.0 31.4 94.2



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: 2.025 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

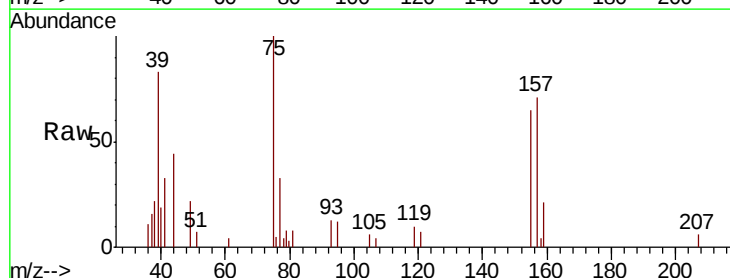
Tgt Ion: 75 Resp: 4807

Ion Ratio Lower Upper

75 100

155 67.6 57.0 85.4

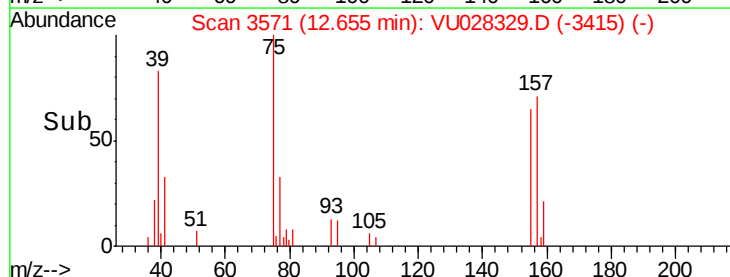
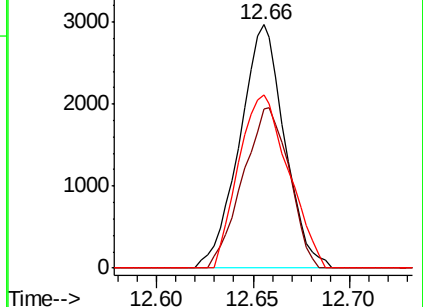
157 79.1 75.4 113.2

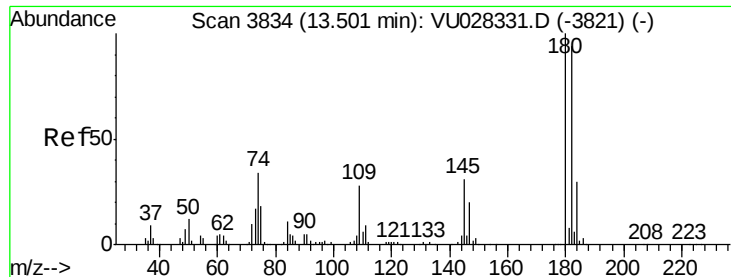


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

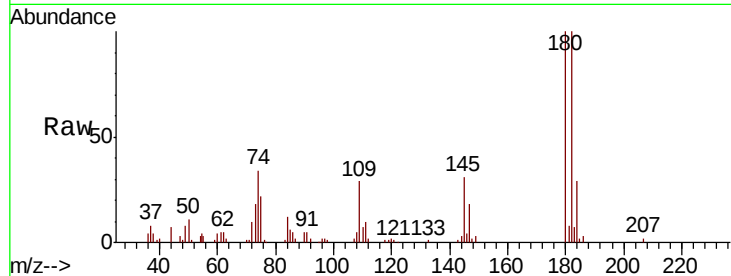




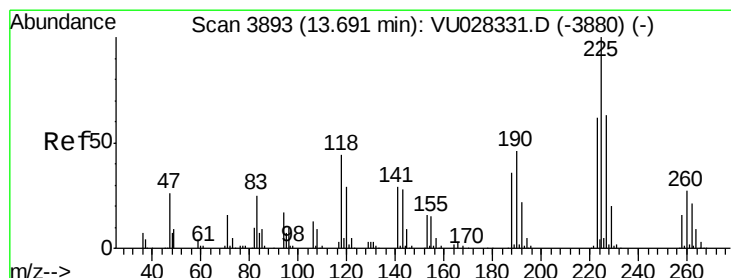
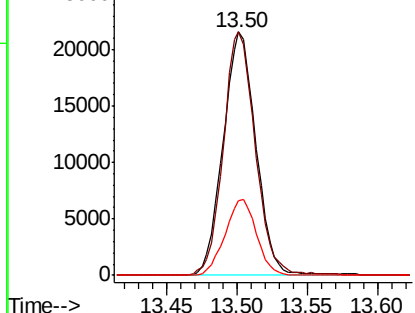
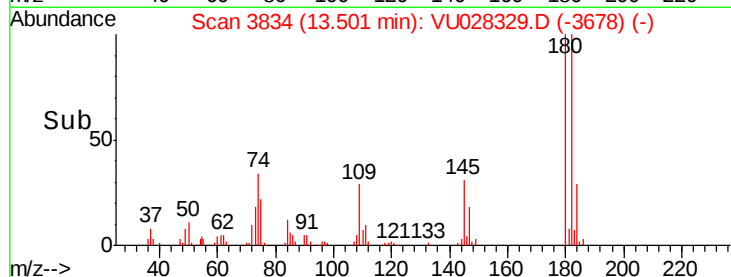
#87
 1,2,4-Trichlorobenzene
 Concen: 1.821 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:180 Resp: 34864
 Ion Ratio Lower Upper
 180 100
 182 97.8 75.6 113.4
 145 29.9 24.4 36.6

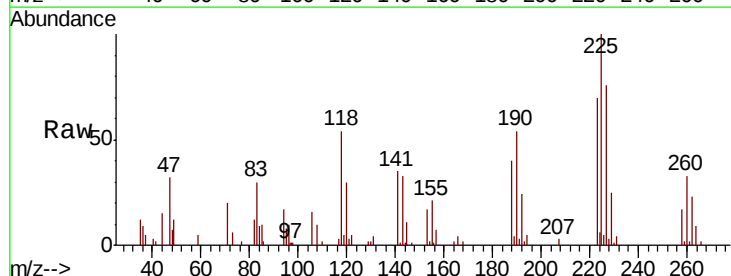


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

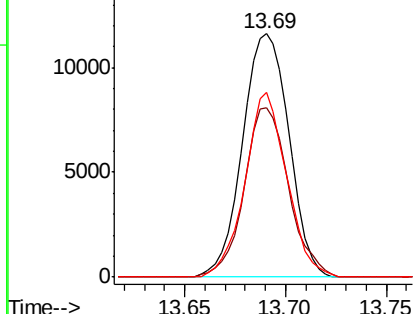
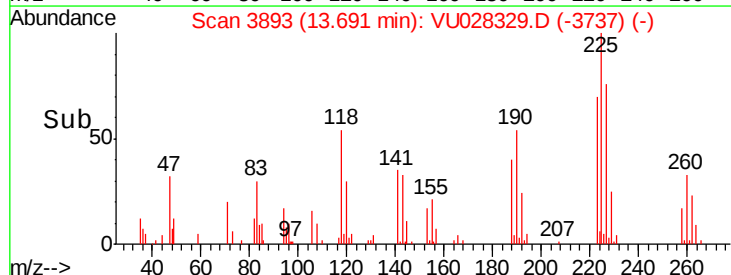


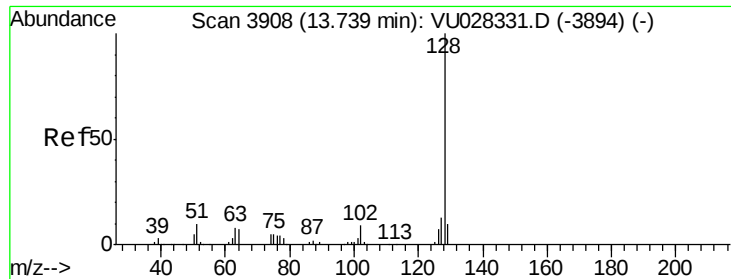
#88
 Hexachlorobutadiene
 Concen: 1.811 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU028329.D
 Acq: 26 Nov 2018 10:37

Tgt Ion:225 Resp: 18757
 Ion Ratio Lower Upper
 225 100
 223 66.7 50.6 76.0
 227 68.1 50.8 76.2



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.758 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

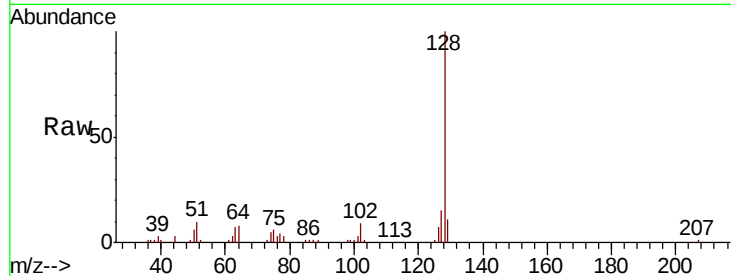
Tgt Ion:128 Resp: 66515

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

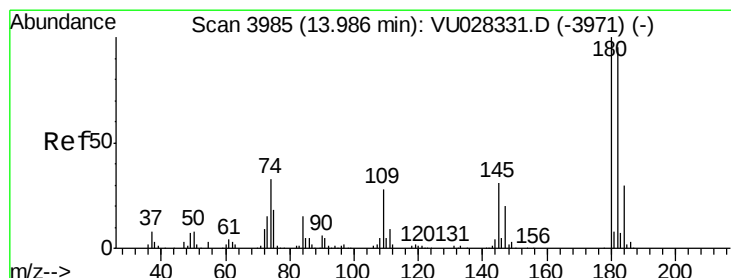
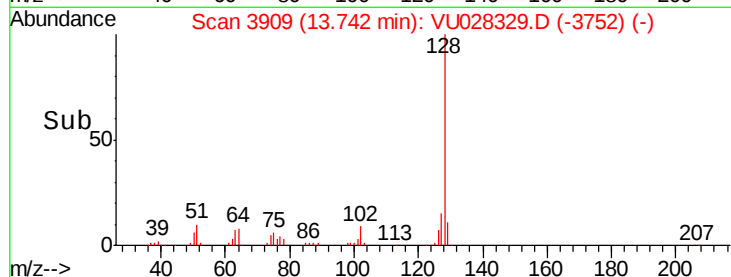
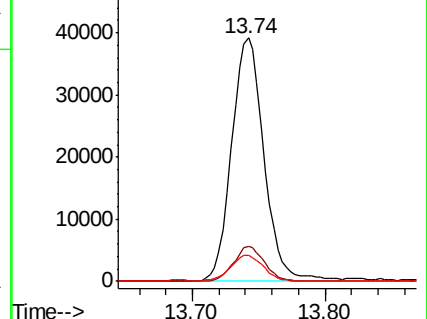
129 11.0 8.2 12.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.777 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU028329.D

Acq: 26 Nov 2018 10:37

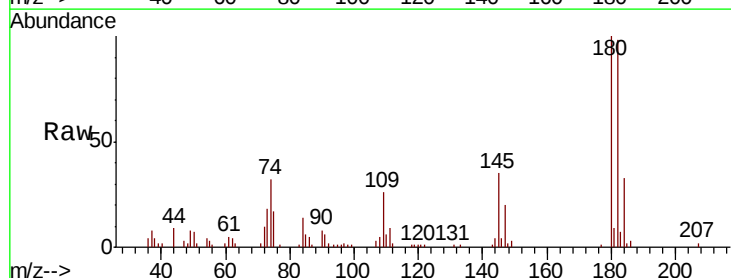
Tgt Ion:180 Resp: 32074

Ion Ratio Lower Upper

180 100

182 95.5 76.1 114.1

145 33.2 26.0 39.0



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

