

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U0112618\
 Data File : VU028328.D
 Acq On : 26 Nov 2018 10:13
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Nov 27 00:43:03 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	48928	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	17930	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	15861	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	17146	0.974 ug/l	97
3) Chloromethane	1.32	50	28683	0.957 ug/l	98
4) Vinyl Chloride	1.40	62	20397	0.995 ug/l	95
5) Bromomethane	1.63	94	9399	1.164 ug/l	96
6) Chloroethane	1.70	64	12124	1.013 ug/l	98
7) Trichlorofluoromethane	1.89	101	21781	0.973 ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	12956	1.006 ug/l	95
9) 1,1-Dichloroethene	2.29	96	11900	0.999 ug/l	97
10) Iodomethane	2.41	142	7216	0.896 ug/l	98
11) Allyl Chloride	2.59	41	30098	1.001 ug/l	96
12) Acrylonitrile	2.94	53	8466	2.231 ug/l	86
13) Acetone	2.33	43	18690	5.315 ug/l	93
14) Carbon Disulfide	2.48	76	45179	0.998 ug/l	99
15) Methylene Chloride	2.70	84	14262	0.982 ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	13908	1.043 ug/l	97
17) 1,1-Dichloroethane	3.44	63	29640	0.997 ug/l	99
18) 2-Butanone	4.29	43	24579	4.678 ug/l	96
19) Cyclohexane	4.99	56	25237	0.978 ug/l	97
20) Methylcyclohexane	6.41	83	24192	0.958 ug/l	99
21) 2,2-Dichloropropane	4.22	77	24162	1.013 ug/l #	76
22) cis-1,2-Dichloroethene	4.22	96	14972	0.960 ug/l	96
23) Diethyl Ether	2.11	59	12306	1.030 ug/l	99
24) tert-Butyl Alcohol	2.85	59	12624	10.929 ug/l #	79
25) Methyl tert-Butyl Ether	3.01	73	35088	0.992 ug/l	95
26) Bromochloromethane	4.55	128	5983	1.006 ug/l	91
27) Chloroform	4.67	83	29394	1.026 ug/l	96
28) 1,1,1-Trichloroethane	4.92	97	23025	1.029 ug/l	95
29) 1,1-Dichloropropene	5.13	75	20923	0.974 ug/l	98
30) Carbon Tetrachloride	5.13	117	18437	1.020 ug/l	95
31) Isopropyl Ether	3.58	45	54451	1.023 ug/l	100
32) Ethyl-t-butyl ether	4.08	59	43094	0.983 ug/l	99
33) Tert-Amyl methyl ether	5.58	73	35096	0.965 ug/l	99
34) Propionitrile	4.35	54	7459	5.651 ug/l #	90
35) Benzene	5.39	78	62486	0.989 ug/l	98
36) 1,2-Dichloroethane	5.41	62	18948	1.002 ug/l	99
37) Trichloroethene	6.19	130	13455	0.977 ug/l	100
38) 1,2-Dichloropropane	6.43	63	17808	0.988 ug/l	93
39) Methacrylonitrile	4.55	41	7366	1.042 ug/l	97
40) Methyl acrylate	4.43	55	9285	0.955 ug/l #	92
41) Tetrahydrofuran	4.66	42	7337	2.064 ug/l	94
42) 1-Chlorobutane	5.06	56	33844	0.992 ug/l	97

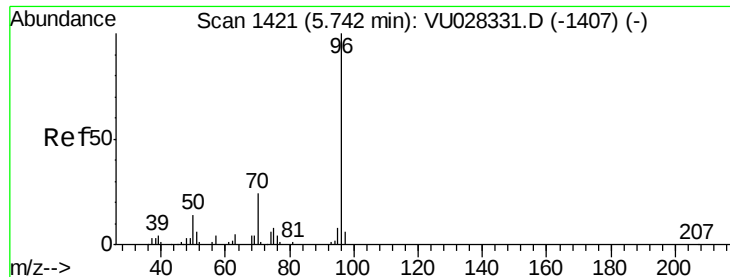
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U0112618\
 Data File : VU028328.D
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Instrument :
 MSVOA_U
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 VSTDIC001

Quant Time: Nov 27 00:43:03 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	7731	1.007	ug/l	99
44) Bromodichloromethane	6.76	83	20801	1.027	ug/l	91
45) 4-Methyl-2-Pentanone	7.47	43	58817	4.772	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	8285	1.875	ug/l	93
47) Methyl methacrylate	6.63	69	14849	1.896	ug/l	92
48) Ethyl methacrylate	8.02	69	15030	0.959	ug/l	98
49) Toluene	7.64	92	32586	0.928	ug/l	93
50) t-1,3-Dichloropropene	7.88	75	18773	0.965	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	23484	0.977	ug/l	98
52) 1,1,2-Trichloroethane	8.07	97	10967	1.018	ug/l	89
53) 1,3-Dichloropropane	8.24	76	19793	0.984	ug/l	97
54) 2-Hexanone	8.37	43	41432	4.673	ug/l	98
55) Dibromochloromethane	8.48	129	11103	0.969	ug/l	93
56) 1,2-Dibromoethane	8.59	107	9749	0.993	ug/l	97
58) Tetrachloroethene	8.22	164	12722	1.009	ug/l	96
59) Chlorobenzene	9.12	112	35666	0.976	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	12206	0.986	ug/l	95
61) Pentachloroethane	11.10	117	9326	0.968	ug/l	96
62) Hexachloroethane	12.14	117	8439	0.935	ug/l	96
63) Ethyl Benzene	9.25	91	63530	0.943	ug/l	98
64) m/p-Xylenes	9.37	106	45316	1.858	ug/l	99
65) o-Xylene	9.78	106	22107	0.939	ug/l	95
66) Styrene	9.79	104	36680	0.908	ug/l	98
67) Bromoform	9.96	173	6065	0.944	ug/l	97
69) Isopropylbenzene	10.17	105	59074	0.937	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	14374	0.995	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	8285	0.832	ug/l #	94
72) Bromobenzene	10.45	156	13094	0.936	ug/l	93
73) n-propylbenzene	10.58	120	14845	0.908	ug/l	96
74) 2-Chlorotoluene	10.66	126	13459	0.940	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	47976	0.904	ug/l	97
76) 4-Chlorotoluene	10.77	126	12713	0.875	ug/l	91
77) tert-Butylbenzene	11.10	119	45243	0.906	ug/l	96
78) 1,2,4-Trimethylbenzene	11.15	105	50466	0.928	ug/l	99
79) sec-Butylbenzene	11.32	105	64452	0.926	ug/l	100
80) Nitrobenzene	12.86	77	2965	4.554	ug/l #	89
81) p-Isopropyltoluene	11.47	119	49448	0.894	ug/l	98
82) 1,3-Dichlorobenzene	11.41	146	27133	0.968	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	25904	0.929	ug/l	98
84) n-Butylbenzene	11.89	91	51265	0.883	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	25720	0.964	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2400	1.032	ug/l	87
87) 1,2,4-Trichlorobenzene	13.50	180	16130	0.860	ug/l	94
88) Hexachlorobutadiene	13.69	225	9770	0.963	ug/l	95
89) Naphthalene	13.74	128	32455	0.876	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	15926	0.901	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 48928

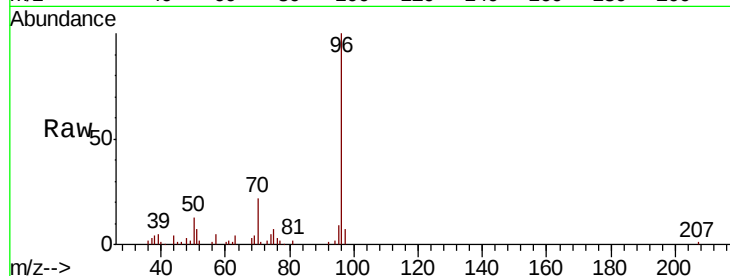
Ion Ratio Lower Upper

96 100

70 22.7 17.8 26.8

95 9.7 7.6 11.4

97 6.5 0.0 0.0#

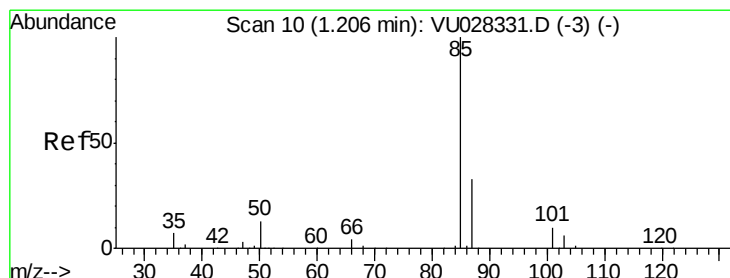
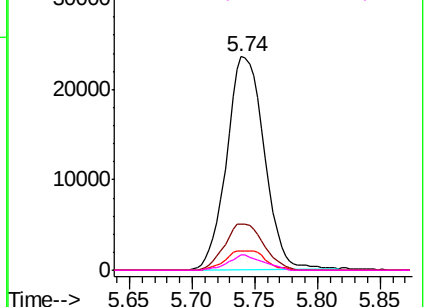
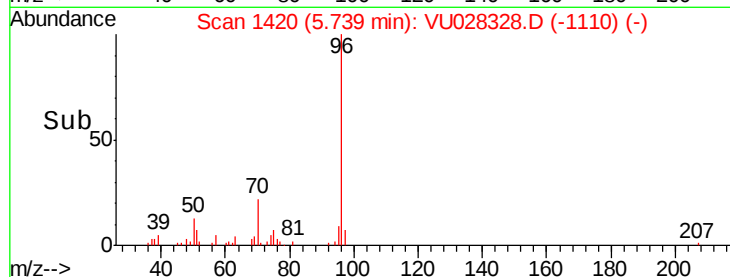


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 0.974 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU028328.D

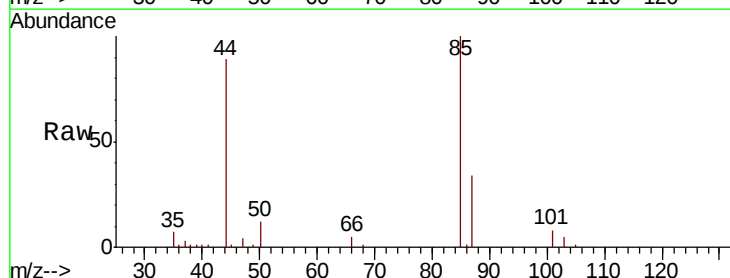
Acq: 26 Nov 2018 10:13

Tgt Ion: 85 Resp: 17146

Ion Ratio Lower Upper

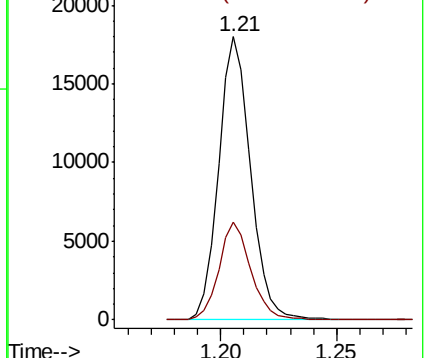
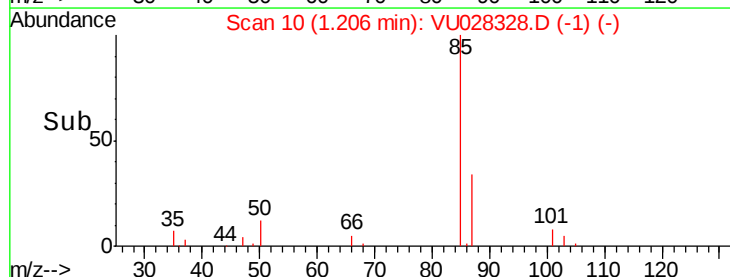
85 100

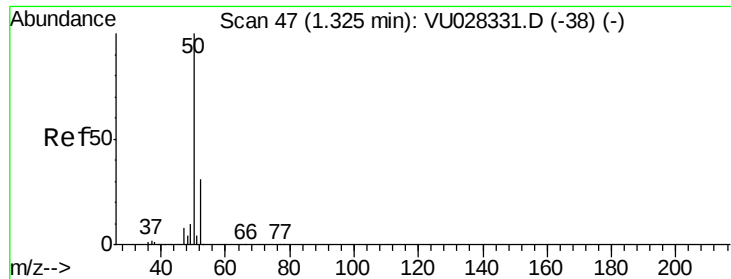
87 34.4 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

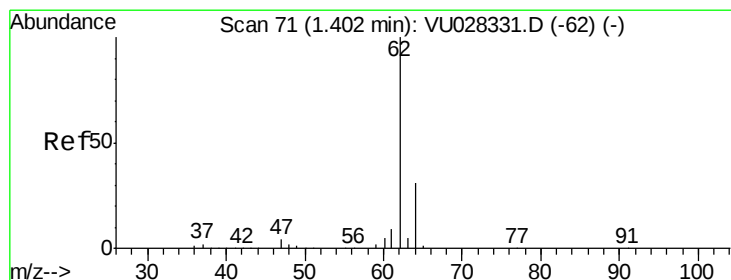
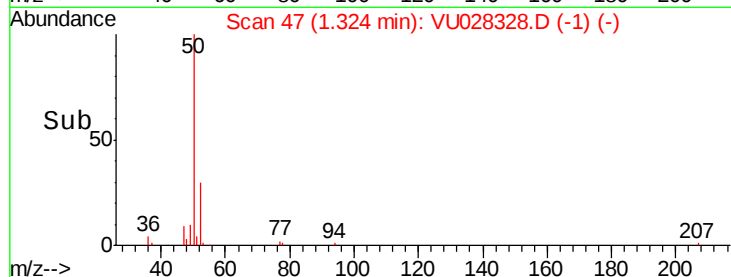
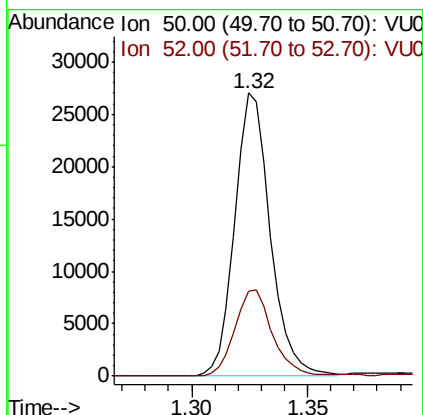
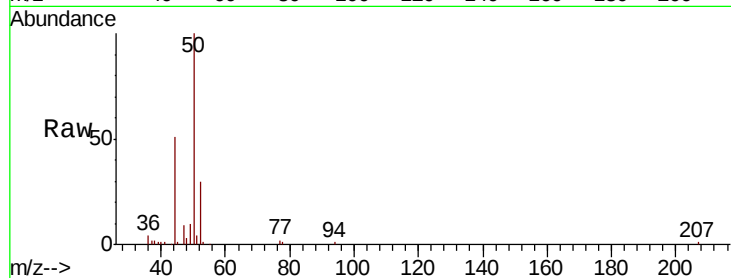




#3
Chloromethane
Concen: 0.957 ug/l
RT: 1.32 min Scan# 47
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

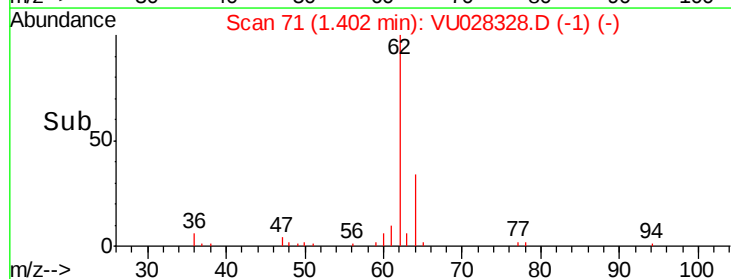
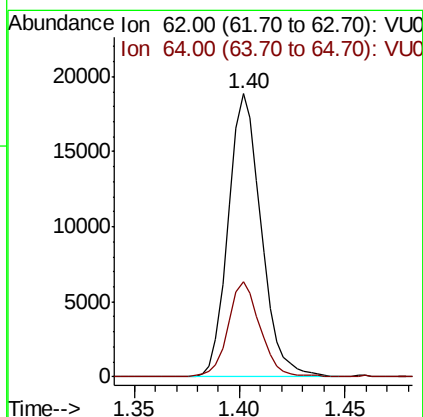
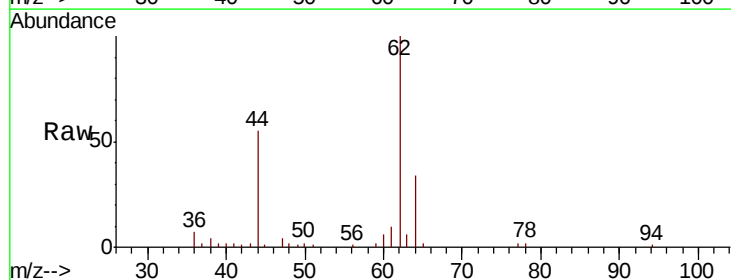
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

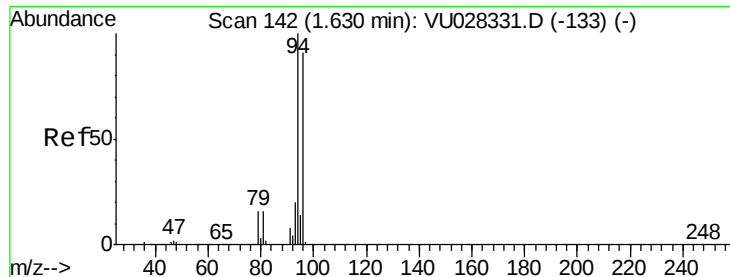
Tgt Ion: 50 Resp: 28683
Ion Ratio Lower Upper
50 100
52 30.1 25.1 37.7



#4
Vinyl Chloride
Concen: 0.995 ug/l
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion: 62 Resp: 20397
Ion Ratio Lower Upper
62 100
64 33.7 24.7 37.1





#5

Bromomethane

Concen: 1.164 ug/l

RT: 1.63 min Scan# 142

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

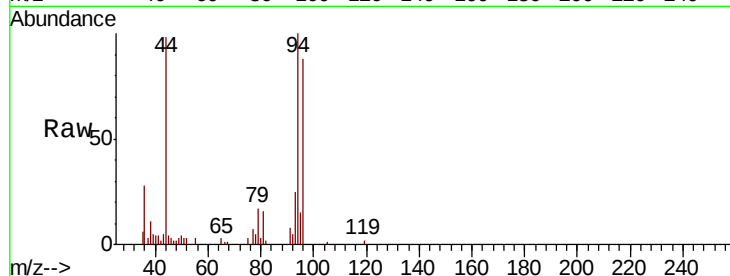
VSTDIC001

Tgt Ion: 94 Resp: 9399

Ion Ratio Lower Upper

94 100

96 87.7 73.1 109.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.63

8000

6000

4000

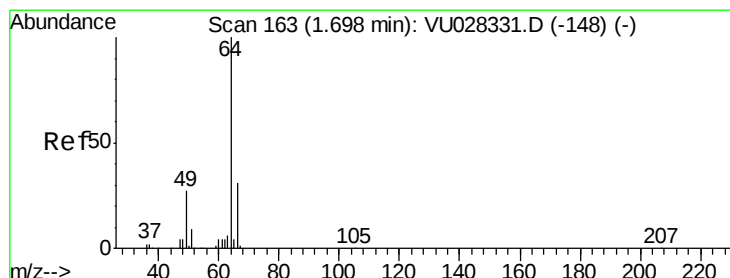
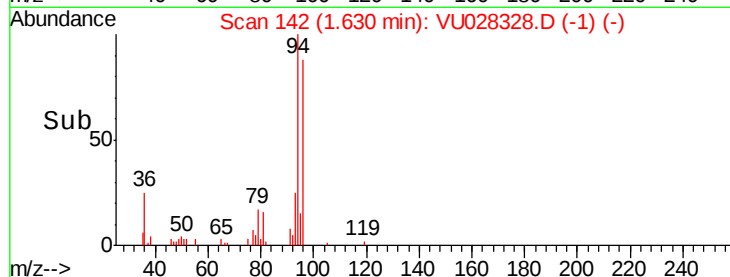
2000

0

Time-->

1.60

1.65



#6

Chloroethane

Concen: 1.013 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU028328.D

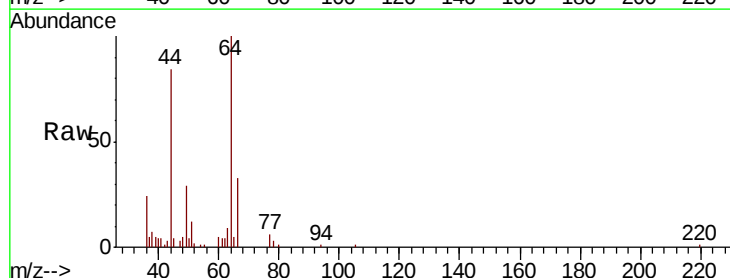
Acq: 26 Nov 2018 10:13

Tgt Ion: 64 Resp: 12124

Ion Ratio Lower Upper

64 100

66 32.8 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

1.70

10000

8000

6000

4000

2000

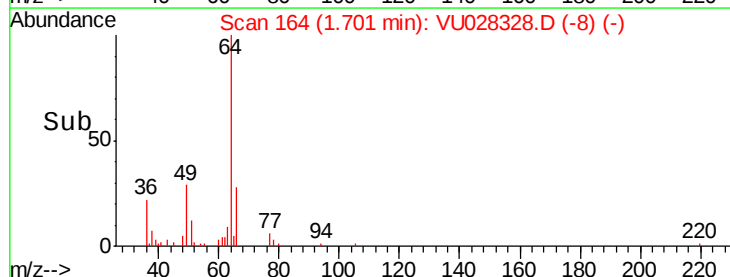
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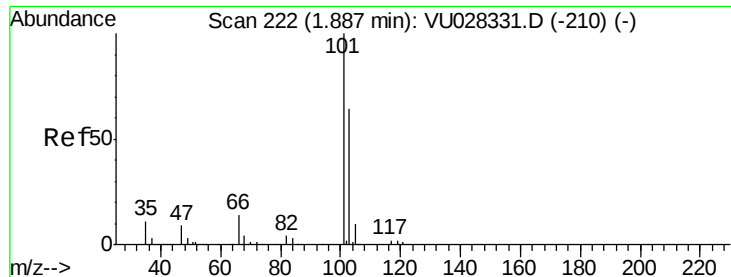
Time-->

1.65

1.70

1.75



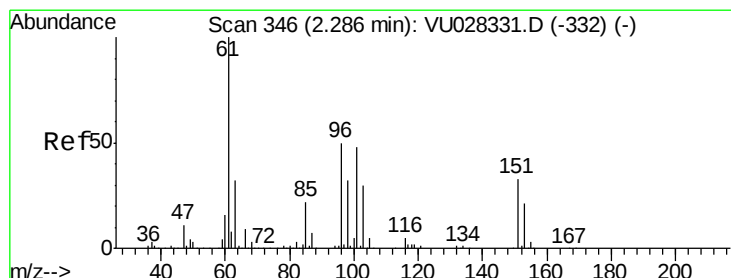
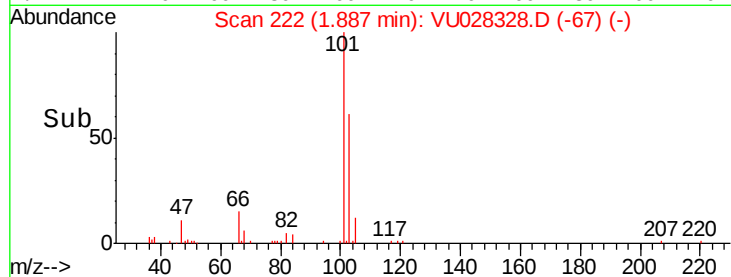
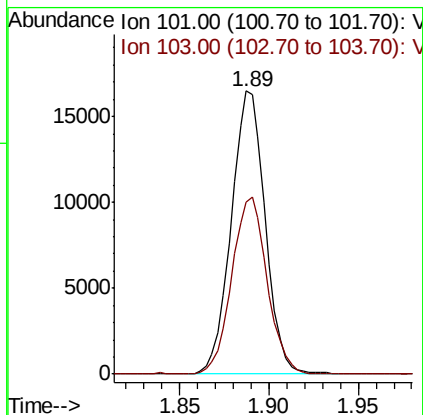
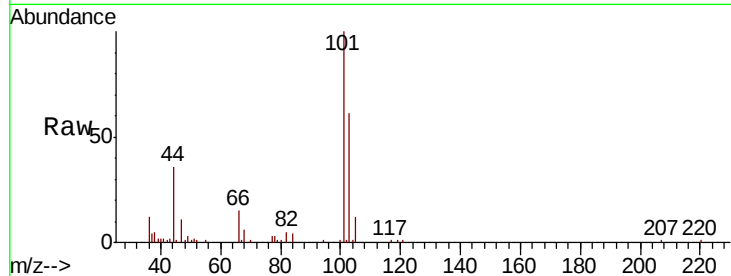


#7

Trichlorofluoromethane
 Concen: 0.973 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

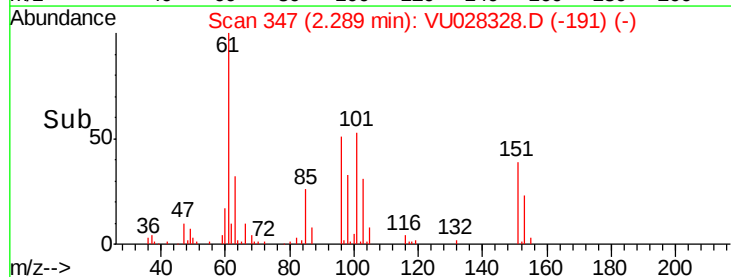
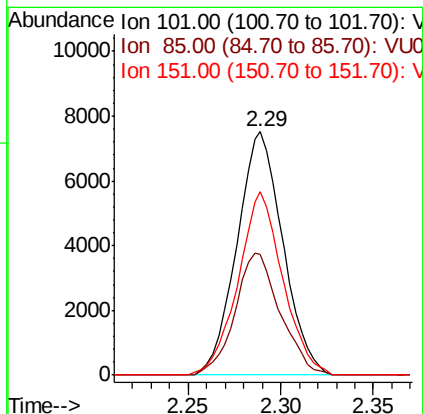
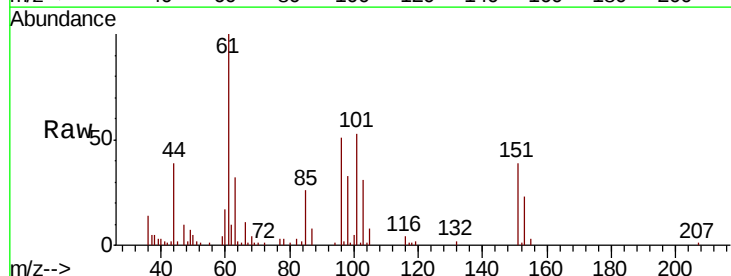
Tgt Ion:101 Resp: 21781
 Ion Ratio Lower Upper
 101 100
 103 60.7 51.4 77.0

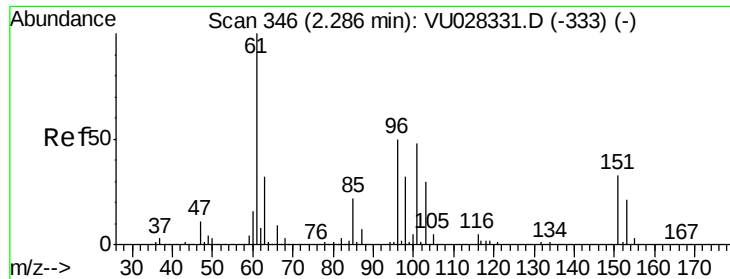


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.006 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. 0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion:101 Resp: 12956
 Ion Ratio Lower Upper
 101 100
 85 49.1 36.7 55.1
 151 73.2 55.8 83.6





#9

1,1-Dichloroethene

Concen: 0.999 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

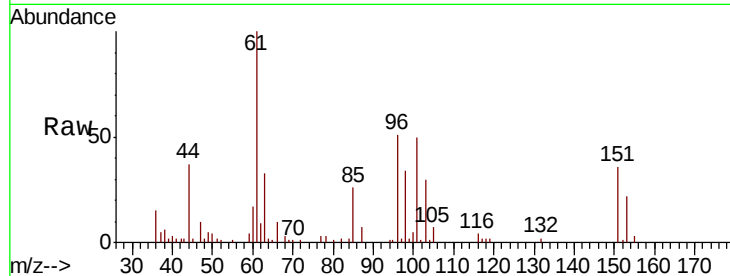
Tgt Ion: 96 Resp: 11900

Ion Ratio Lower Upper

96 100

61 194.3 0.0 597.6

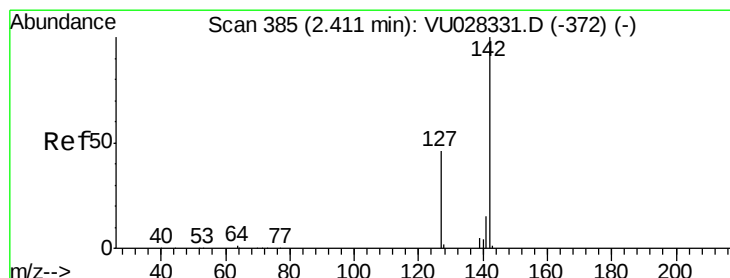
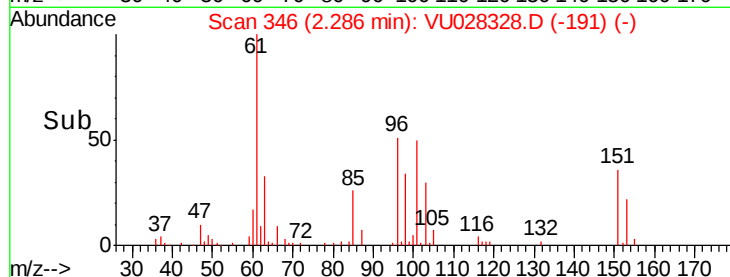
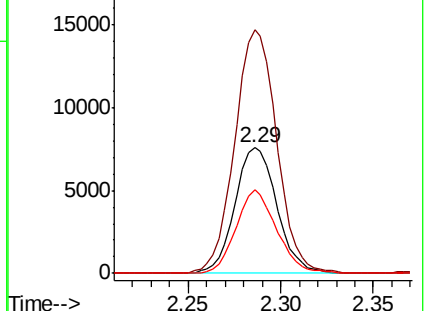
98 66.9 0.0 127.6



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: 0.896 ug/l

RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU028328.D

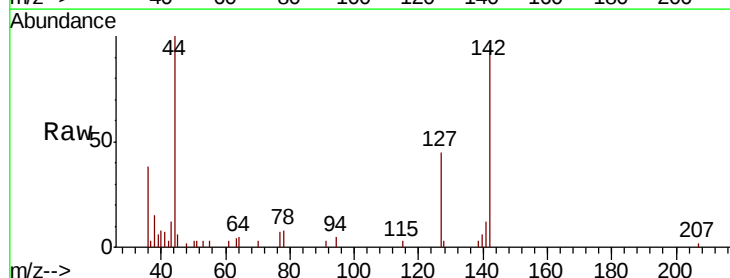
Acq: 26 Nov 2018 10:13

Tgt Ion: 142 Resp: 7216

Ion Ratio Lower Upper

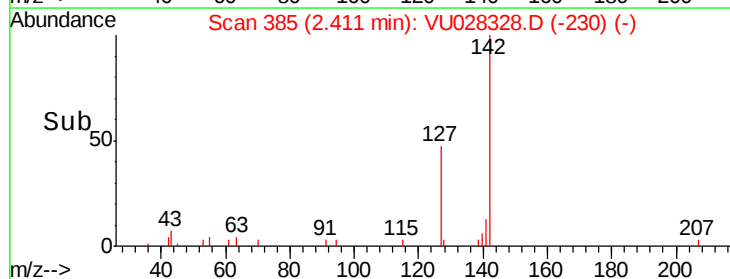
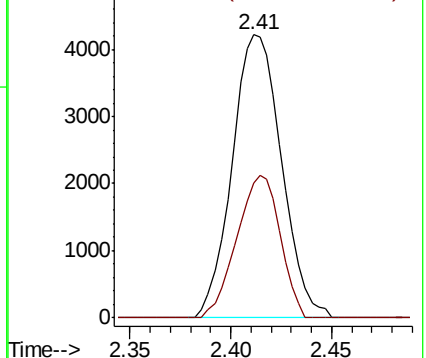
142 100

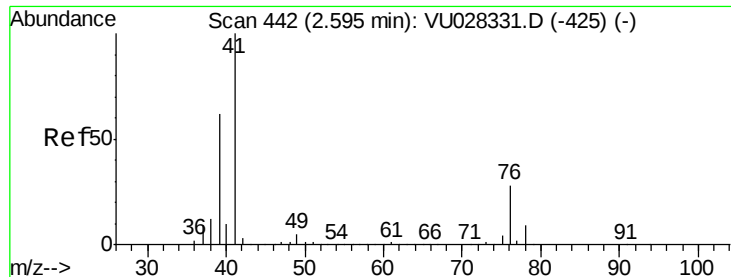
127 44.3 36.4 54.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

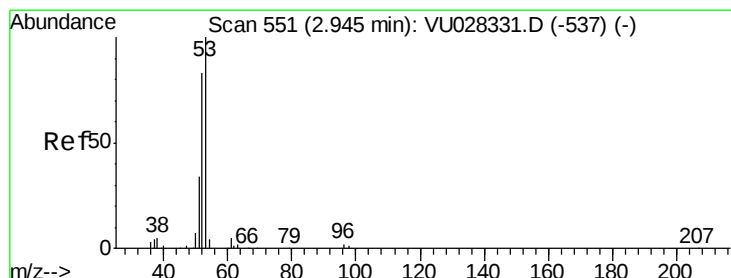
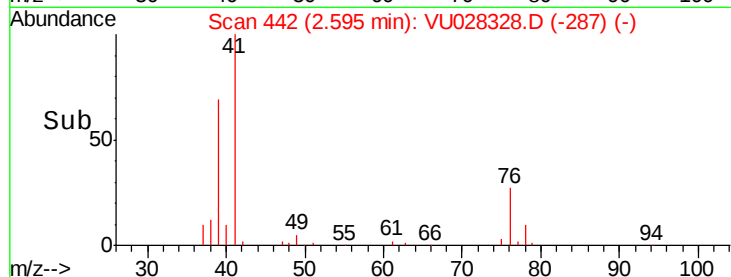
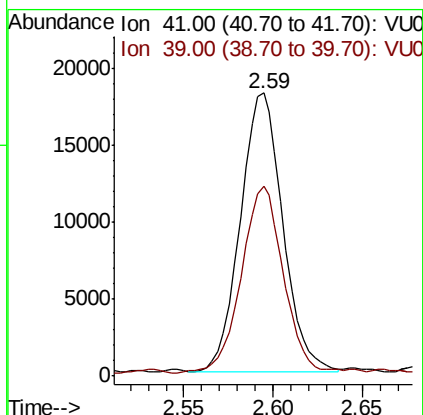
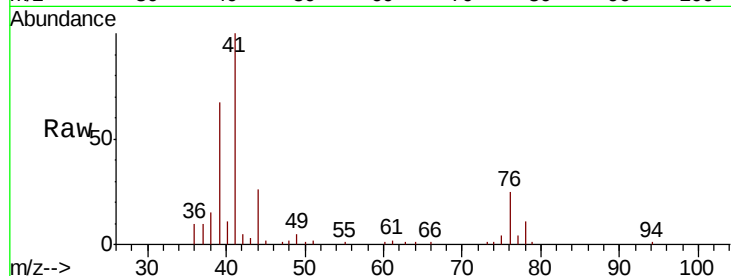




#11
 Allyl Chloride
 Concen: 1.001 ug/l
 RT: 2.59 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

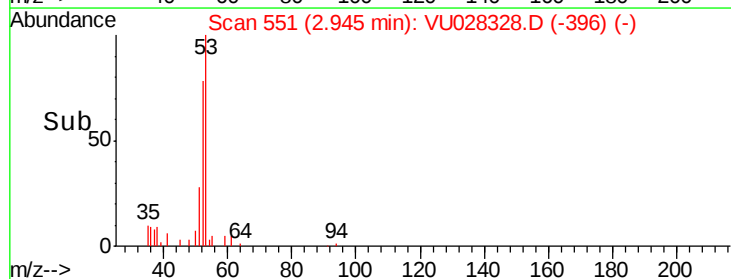
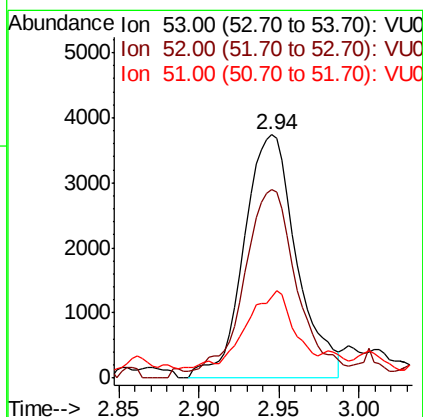
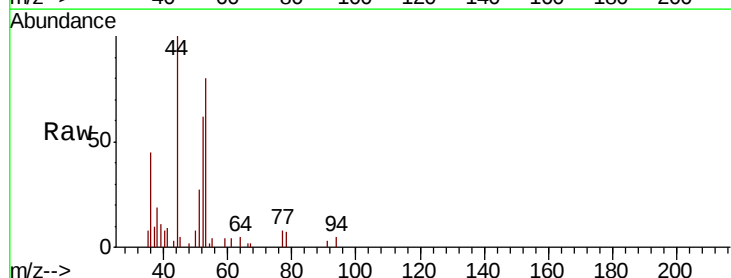
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

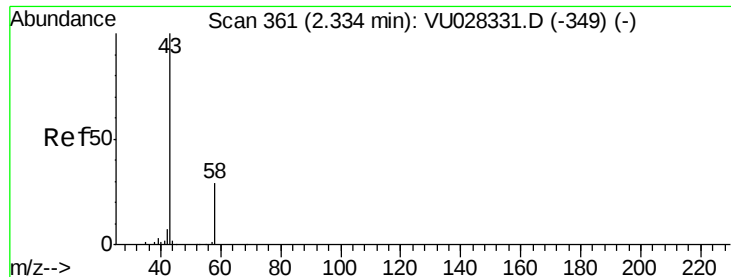
Tgt Ion: 41 Resp: 30098
 Ion Ratio Lower Upper
 41 100
 39 66.6 50.8 76.2



#12
 Acrylonitrile
 Concen: 2.231 ug/l
 RT: 2.94 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion: 53 Resp: 8466
 Ion Ratio Lower Upper
 53 100
 52 72.8 69.3 103.9
 51 28.2 27.8 41.8





#13

Acetone

Concen: 5.315 ug/l

RT: 2.33 min Scan# 361

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

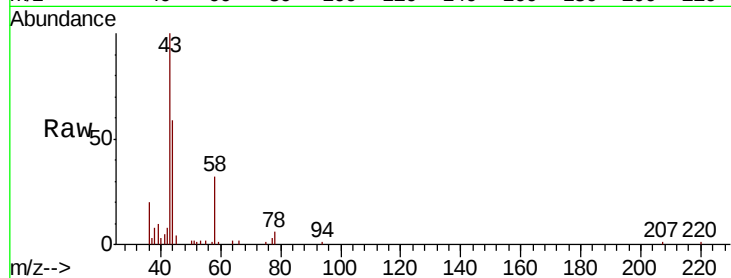
VSTDIC001

Tgt Ion: 43 Resp: 18690

Ion Ratio Lower Upper

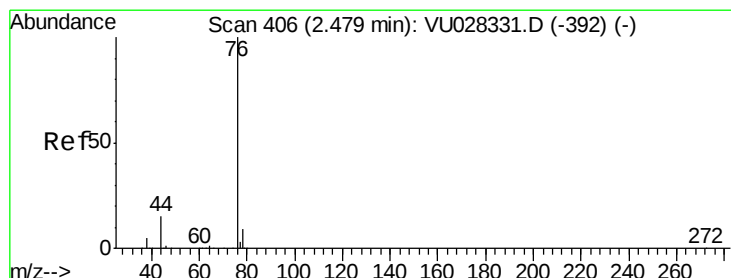
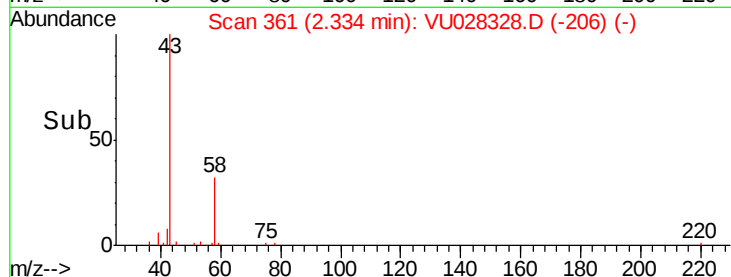
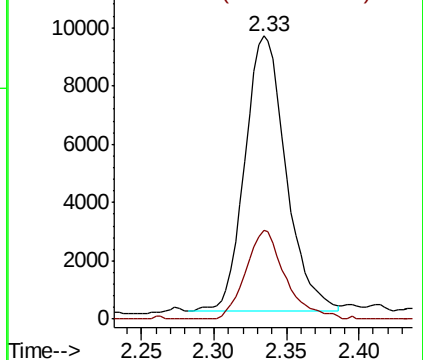
43 100

58 32.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 0.998 ug/l

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU028328.D

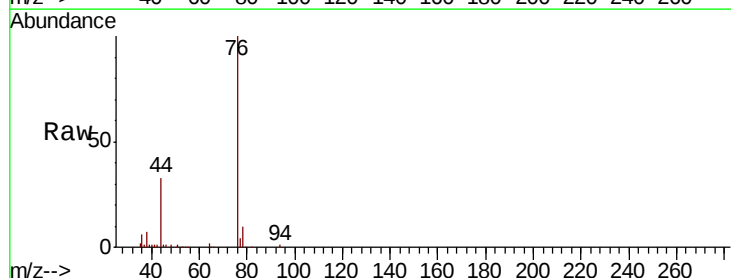
Acq: 26 Nov 2018 10:13

Tgt Ion: 76 Resp: 45179

Ion Ratio Lower Upper

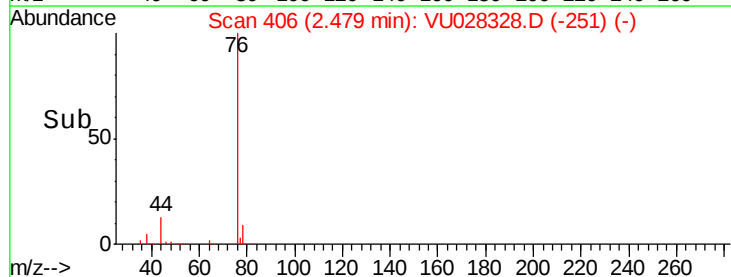
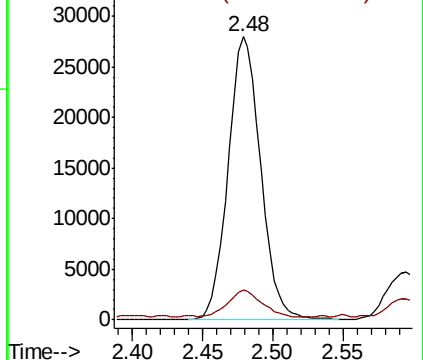
76 100

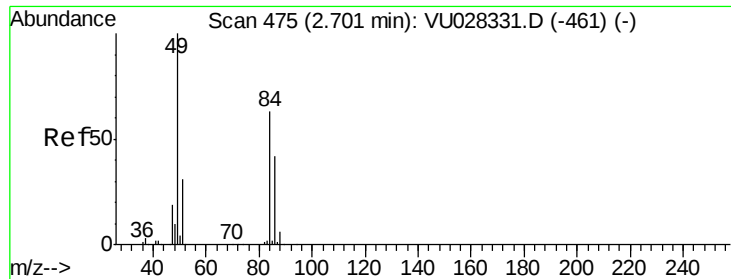
78 8.9 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

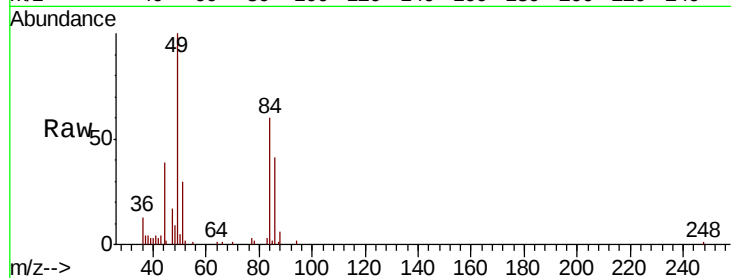




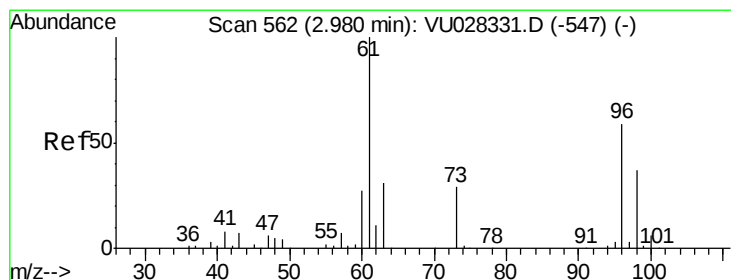
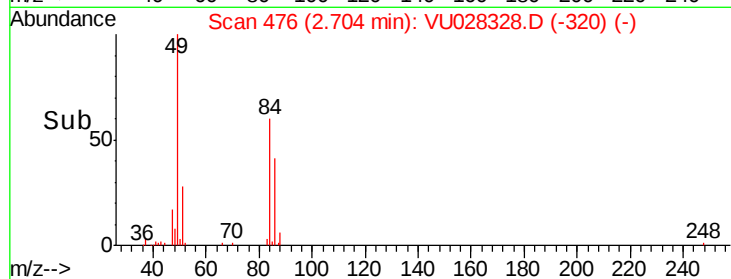
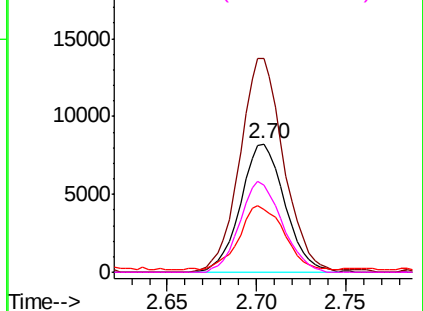
#15
Methylene Chloride
Concen: 0.982 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 84 Resp: 14262
Ion Ratio Lower Upper
84 100
49 166.3 127.7 191.5
51 47.1 0.0 98.2
86 68.3 53.1 79.7

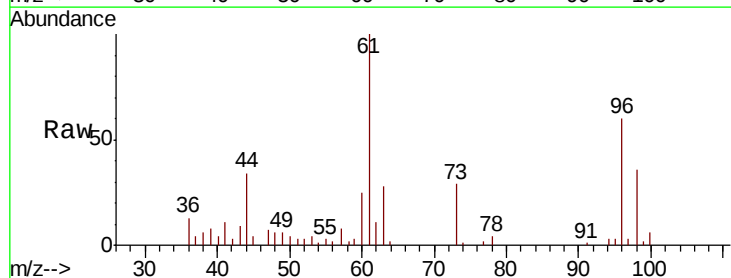


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

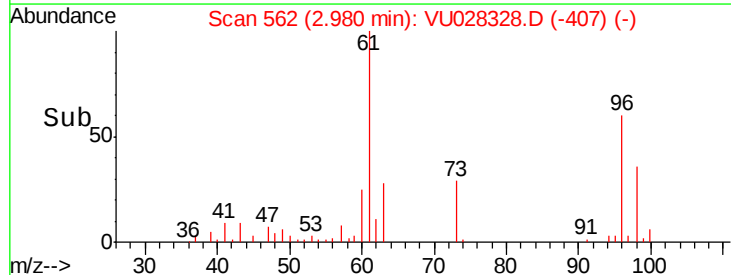
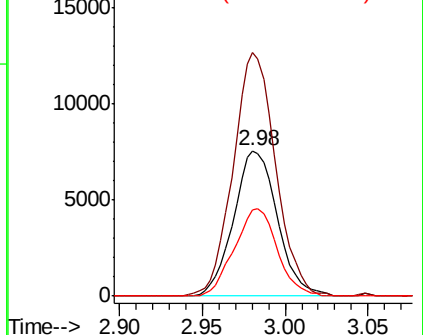


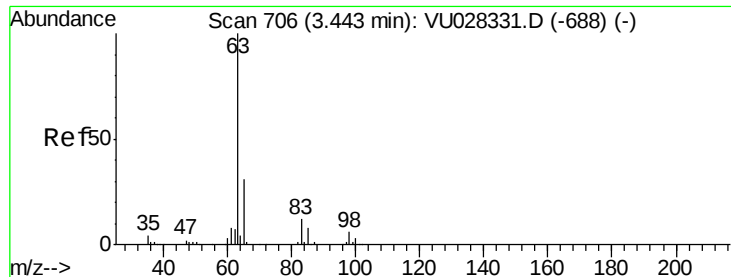
#16
trans-1,2-Dichloroethene
Concen: 1.043 ug/l
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion: 96 Resp: 13908
Ion Ratio Lower Upper
96 100
61 167.6 136.4 204.6
98 59.5 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

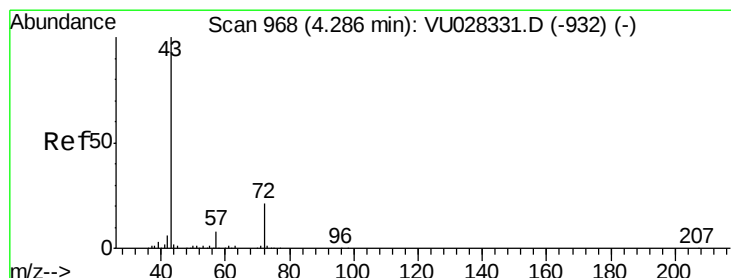
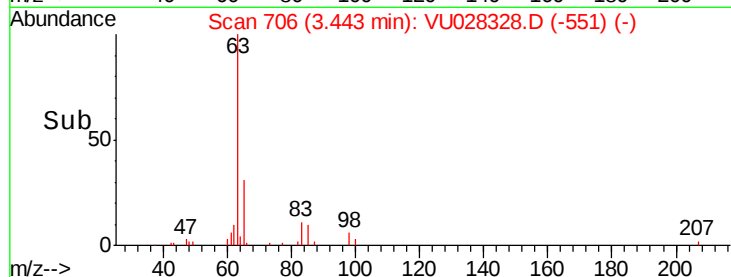
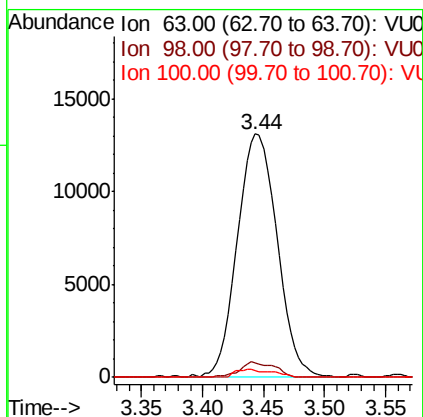
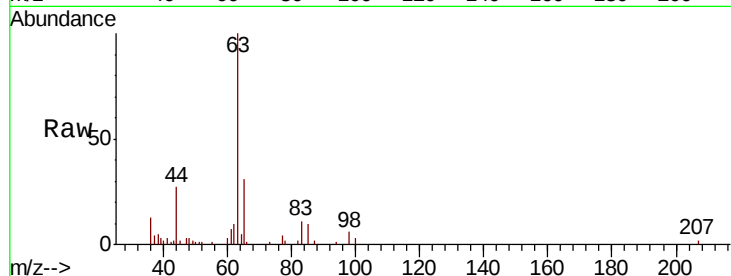




#17
 1,1-Dichloroethane
 Concen: 0.997 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

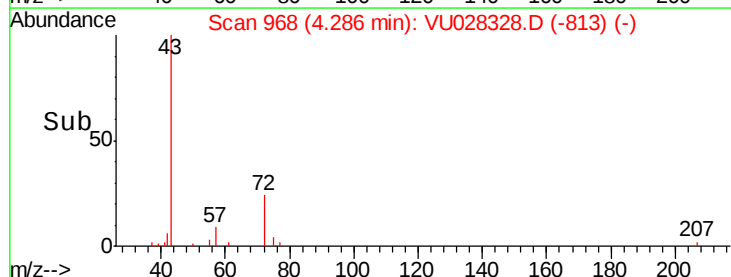
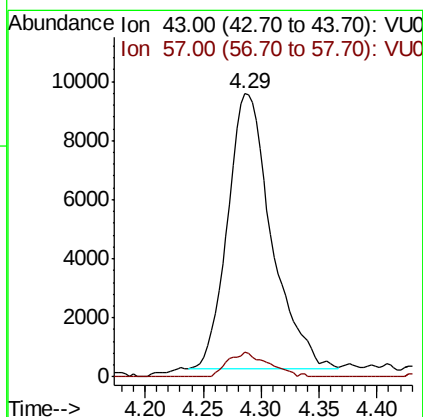
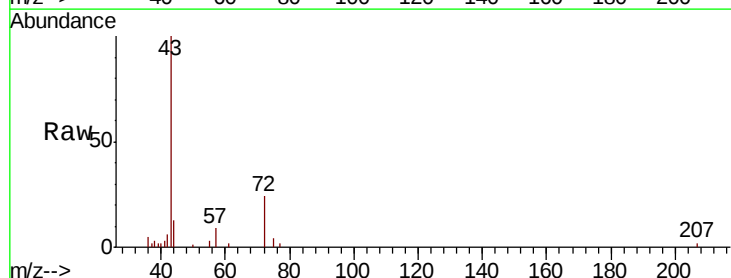
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

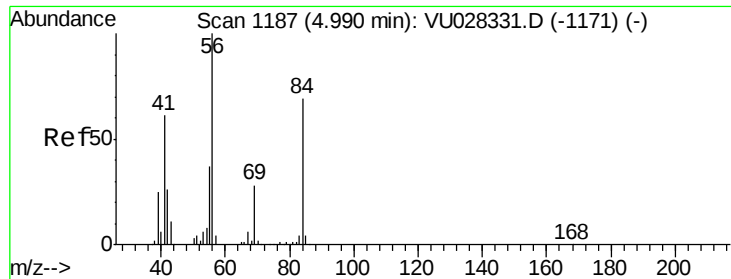
Tgt Ion: 63 Resp: 29640
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.0
 100 2.6 1.8 5.3



#18
 2-Butanone
 Concen: 4.678 ug/l
 RT: 4.29 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion: 43 Resp: 24579
 Ion Ratio Lower Upper
 43 100
 57 9.0 0.0 15.0

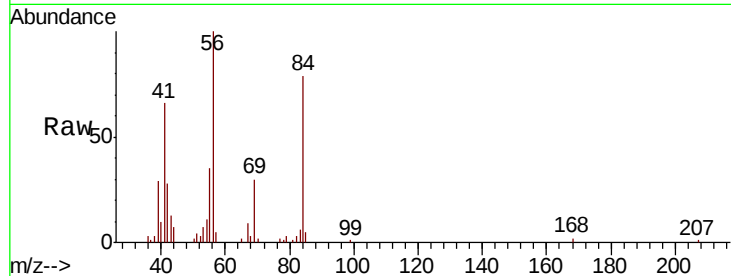




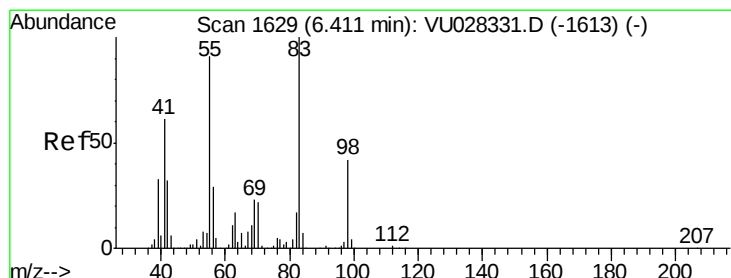
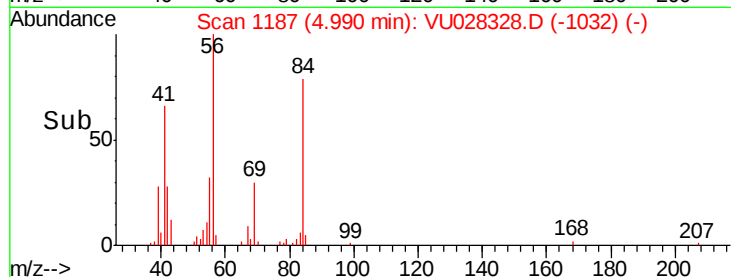
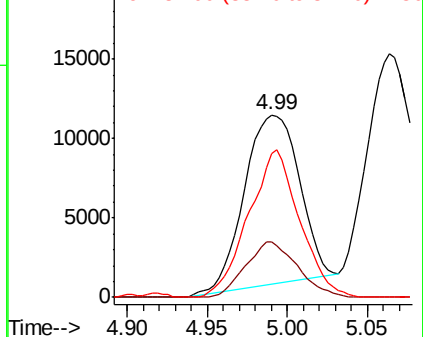
#19
Cyclohexane
Concen: 0.978 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 56 Resp: 25237
Ion Ratio Lower Upper
56 100
69 30.8 25.0 37.6
84 81.1 62.6 94.0

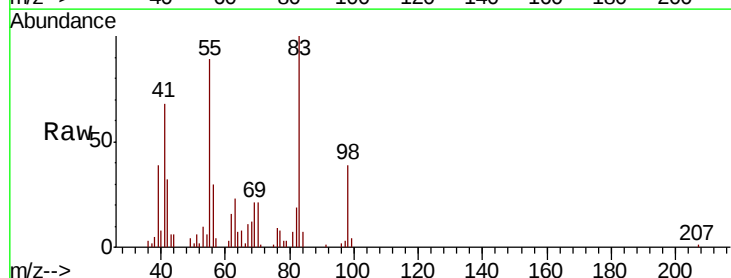


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

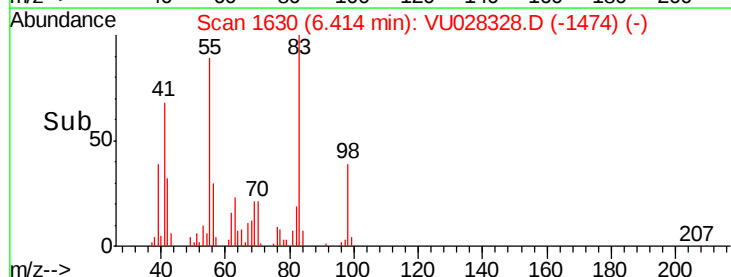
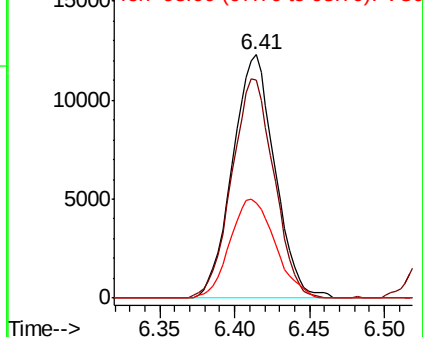


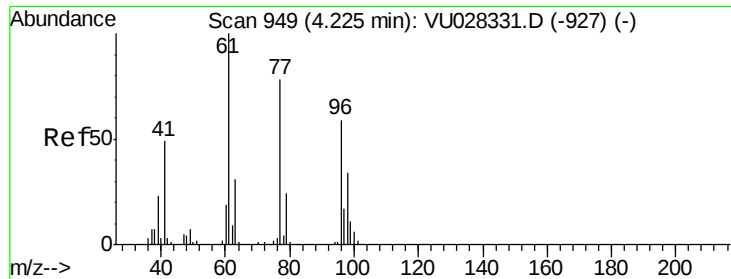
#20
Methylcyclohexane
Concen: 0.958 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion: 83 Resp: 24192
Ion Ratio Lower Upper
83 100
55 90.0 72.6 108.8
98 43.4 33.8 50.8



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





#21

2,2-Dichloropropane

Concen: 1.013 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

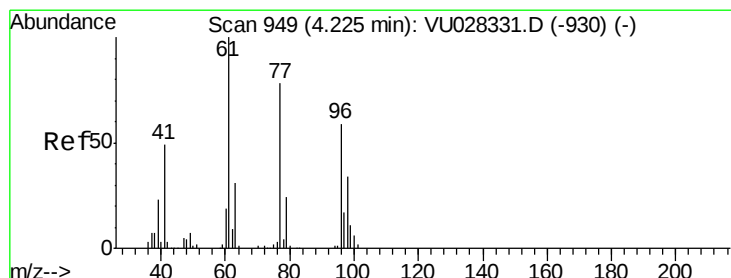
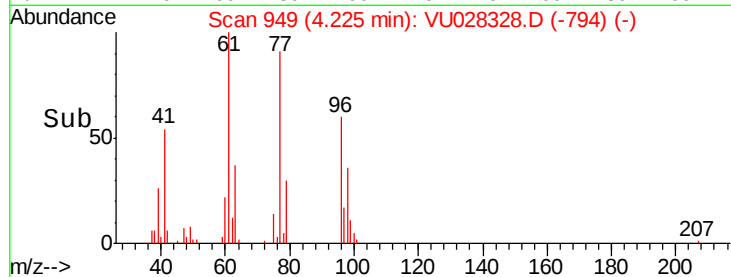
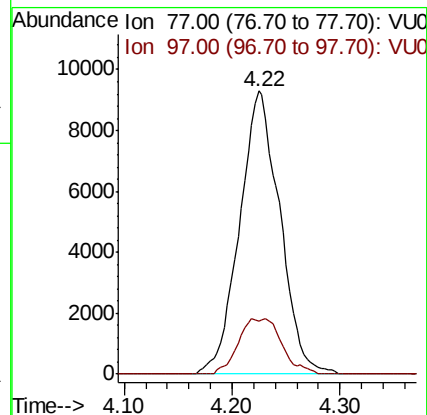
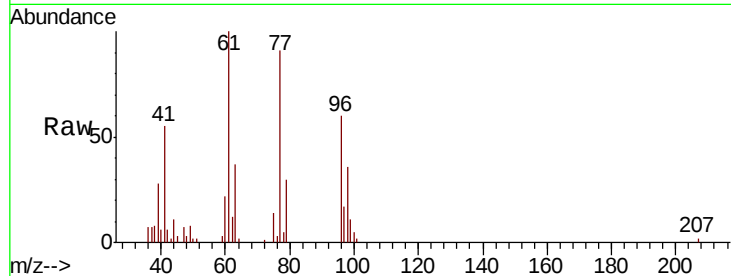
VSTDIC001

Tgt Ion: 77 Resp: 24162

Ion Ratio Lower Upper

77 100

97 10.5 17.4 26.2#



#22

cis-1,2-Dichloroethene

Concen: 0.960 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

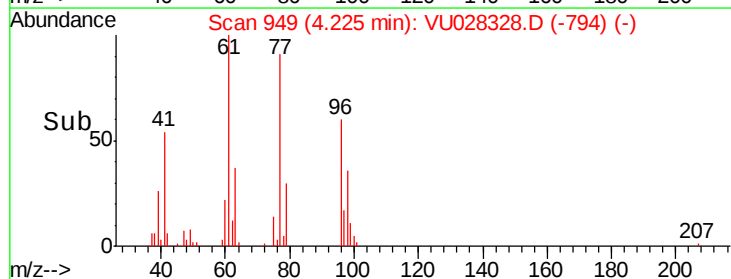
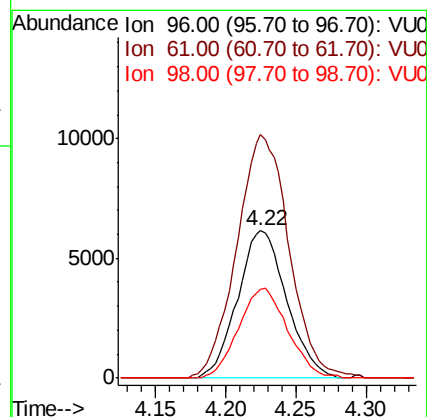
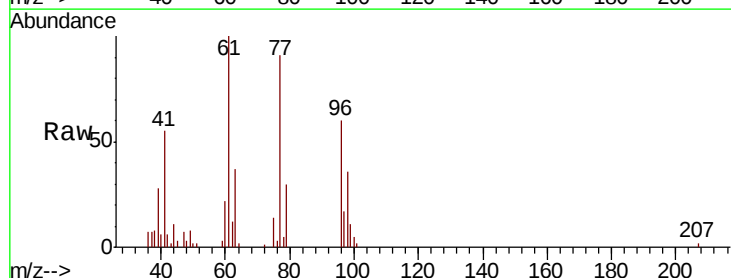
Tgt Ion: 96 Resp: 14972

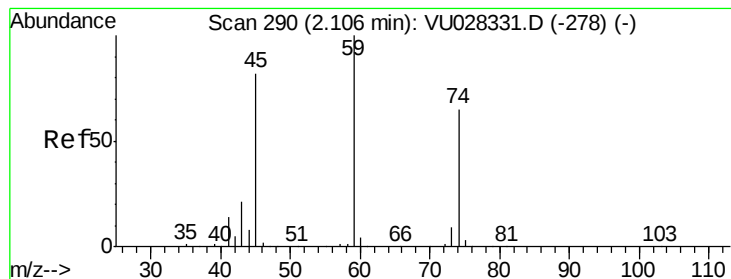
Ion Ratio Lower Upper

96 100

61 175.7 0.0 423.0

98 60.9 30.3 91.0





#23

Diethyl Ether

Concen: 1.030 ug/l

RT: 2.11 min Scan# 290

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

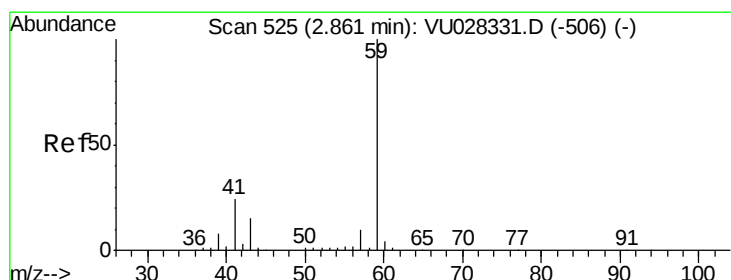
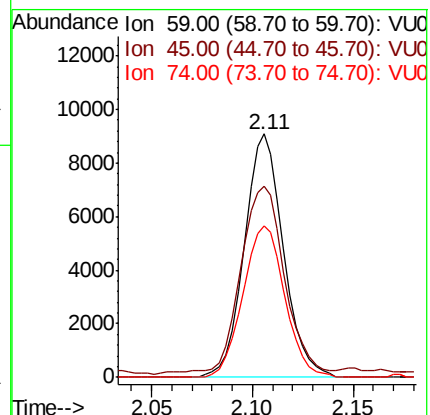
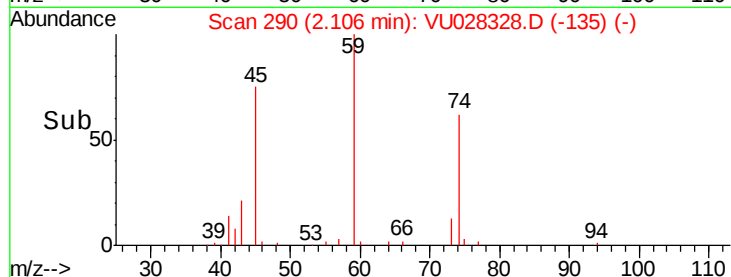
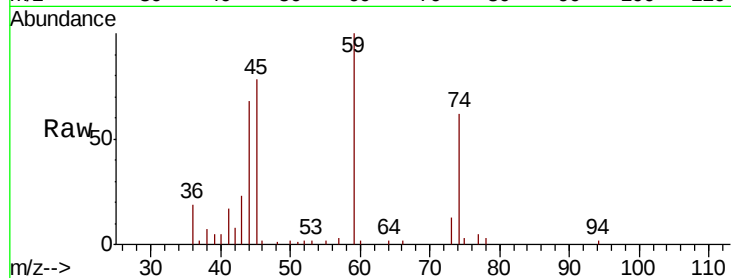
Tgt Ion: 59 Resp: 12306

Ion Ratio Lower Upper

59 100

45 83.1 66.4 99.6

74 66.6 52.2 78.4



#24

tert-Butyl Alcohol

Concen: 10.929 ug/l

RT: 2.85 min Scan# 523

Delta R.T. -0.01 min

Lab File: VU028328.D

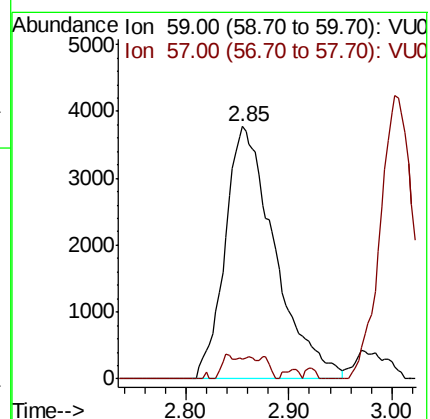
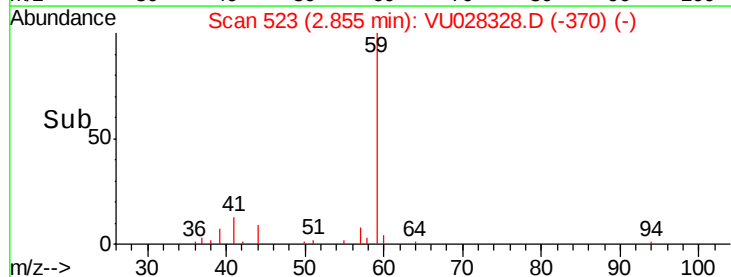
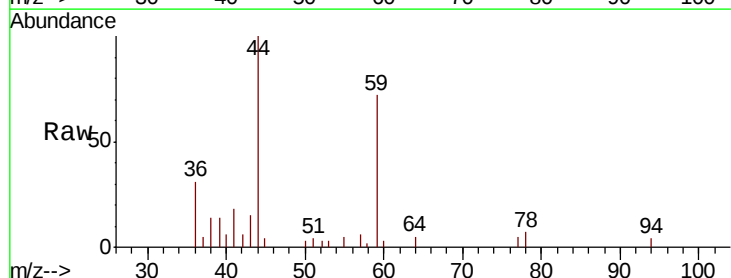
Acq: 26 Nov 2018 10:13

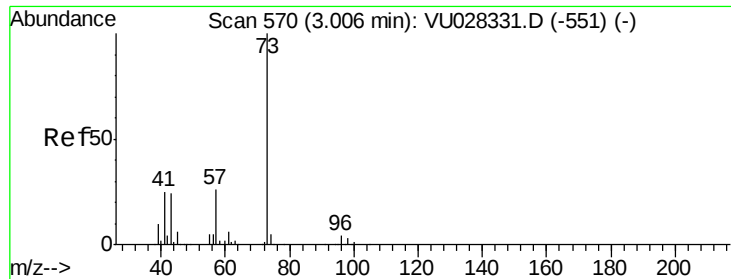
Tgt Ion: 59 Resp: 12624

Ion Ratio Lower Upper

59 100

57 2.6 8.2 12.4#

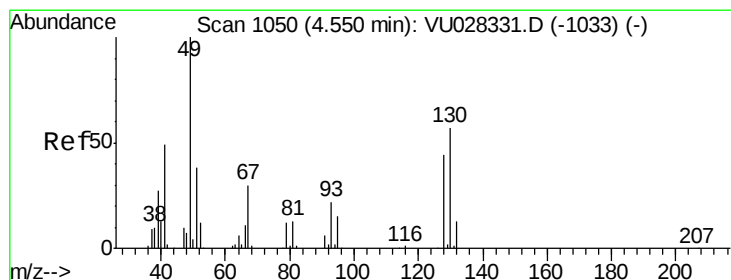
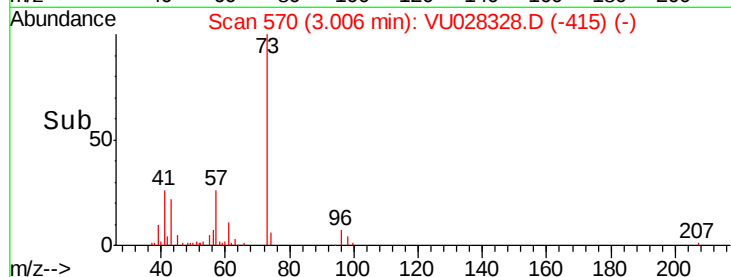
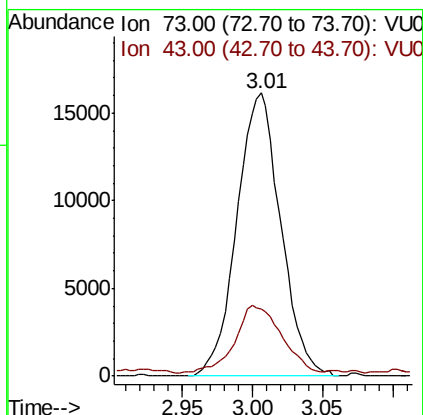
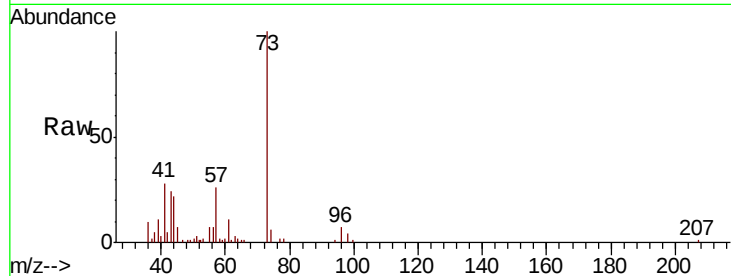




#25
Methyl tert-Butyl Ether
Concen: 0.992 ug/l
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

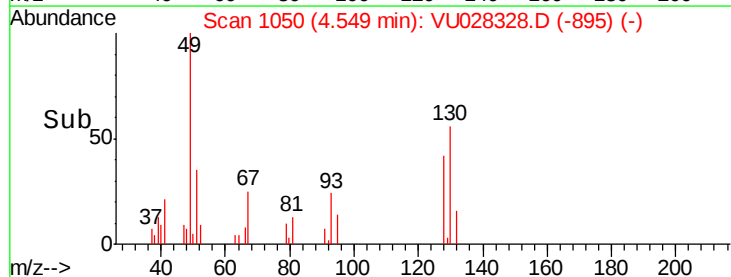
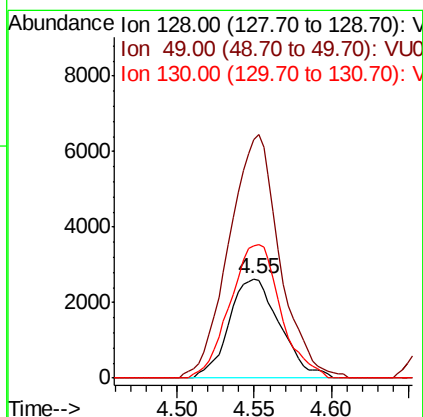
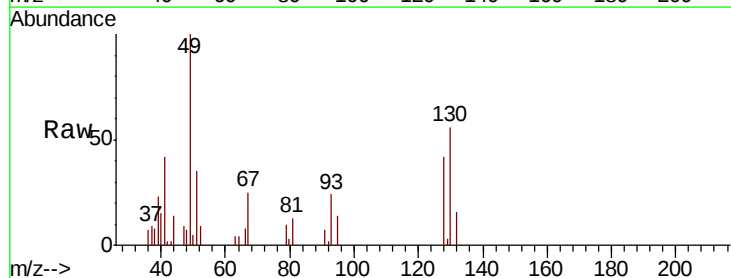
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

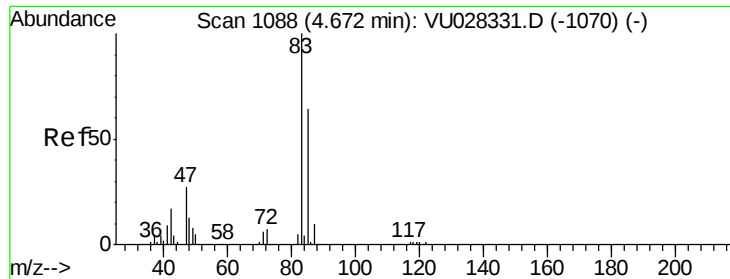
Tgt Ion: 73 Resp: 35088
Ion Ratio Lower Upper
73 100
43 25.5 18.5 27.7



#26
Bromochloromethane
Concen: 1.006 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion: 128 Resp: 5983
Ion Ratio Lower Upper
128 100
49 245.2 0.0 457.6
130 134.7 101.4 152.2





#27

Chloroform

Concen: 1.026 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

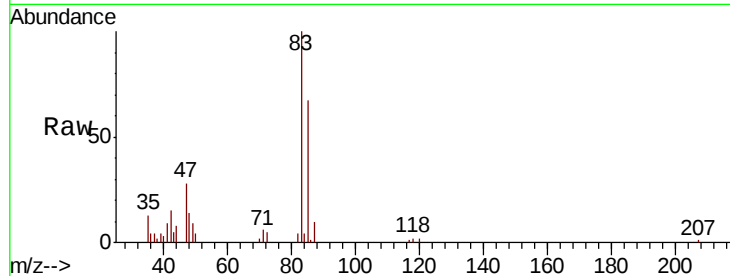
VSTDIC001

Tgt Ion: 83 Resp: 29394

Ion Ratio Lower Upper

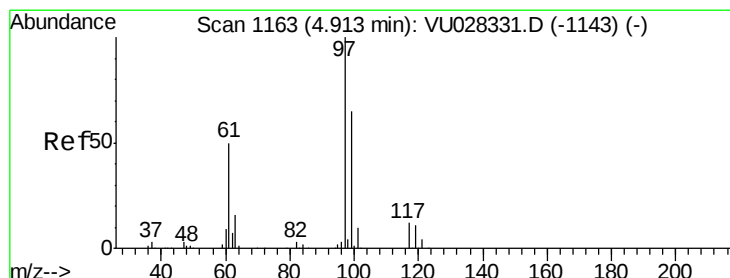
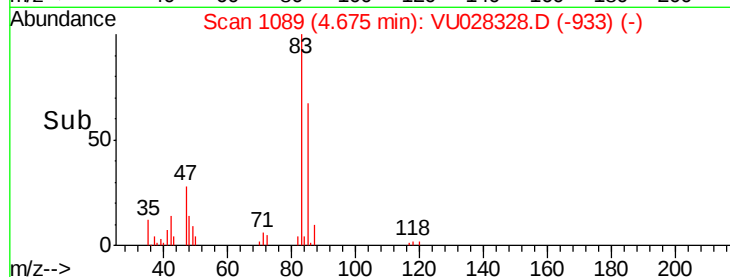
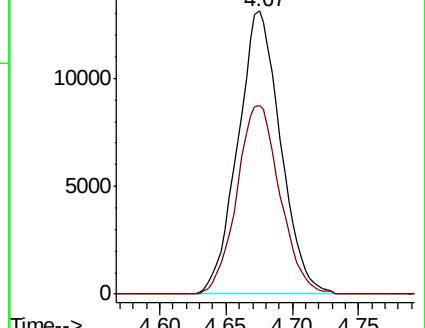
83 100

85 66.9 0.0 128.0



Abundance Ion 83.00 (82.70 to 83.70): VU028331.D (-1070) (-)

Ion 85.00 (84.70 to 85.70): VU028331.D (-1070) (-)



#28

1,1,1-Trichloroethane

Concen: 1.029 ug/l

RT: 4.92 min Scan# 1164

Delta R.T. 0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

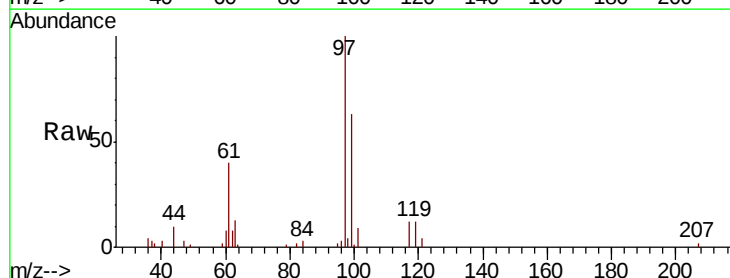
Tgt Ion: 97 Resp: 23025

Ion Ratio Lower Upper

97 100

99 60.8 32.2 96.6

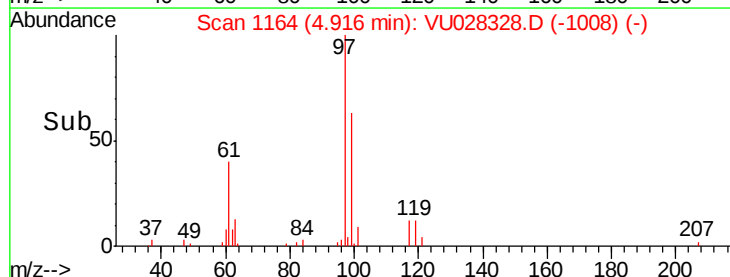
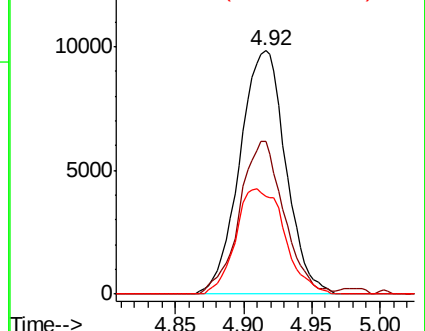
61 45.9 24.9 74.7

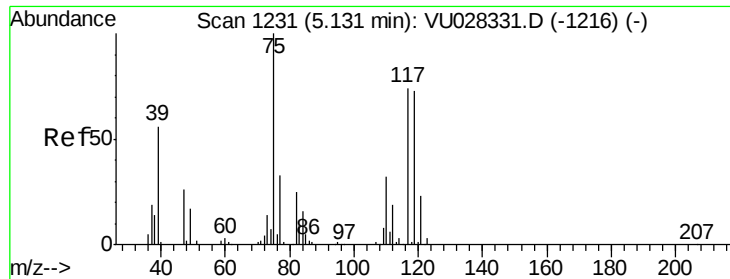


Abundance Ion 97.00 (96.70 to 97.70): VU028331.D (-1143) (-)

Ion 99.00 (98.70 to 99.70): VU028331.D (-1143) (-)

Ion 61.00 (60.70 to 61.70): VU028331.D (-1143) (-)

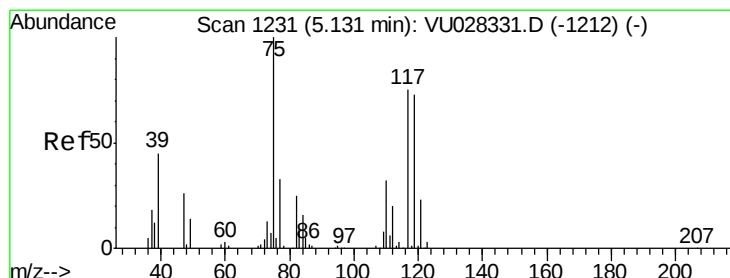
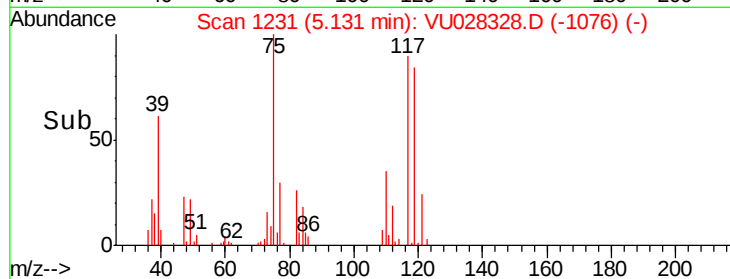
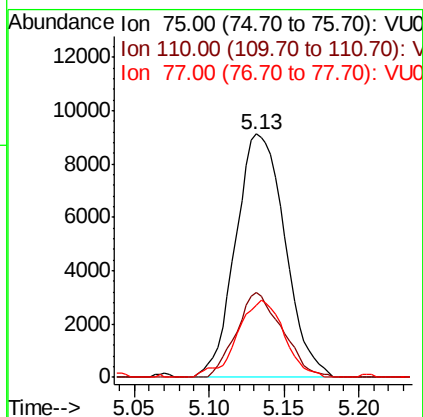
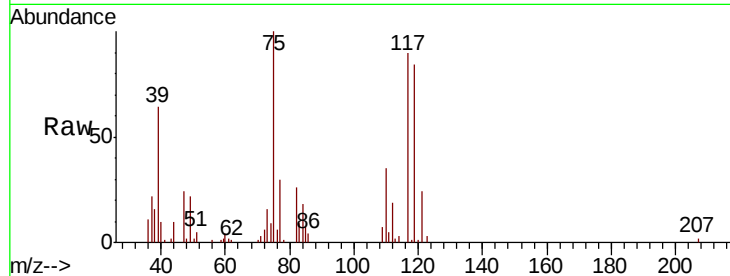




#29
 1,1-Dichloropropene
 Concen: 0.974 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

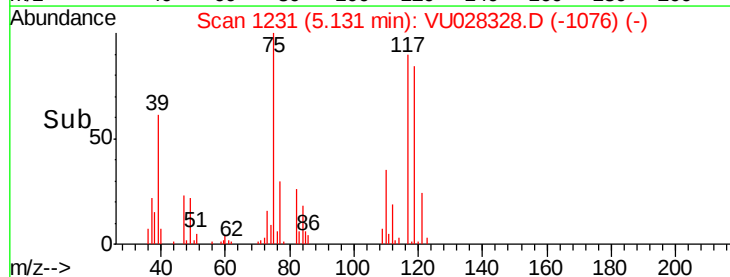
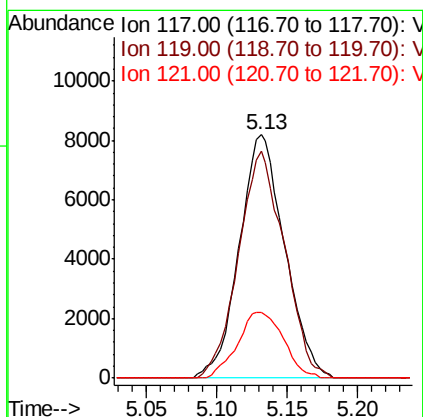
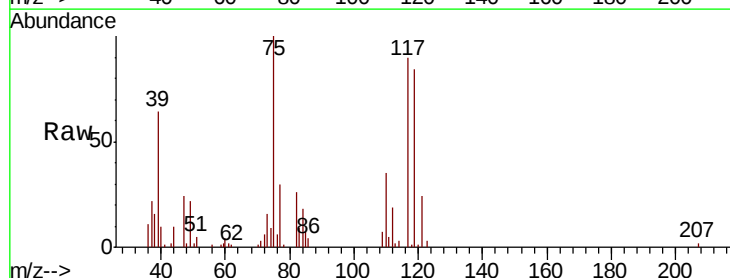
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

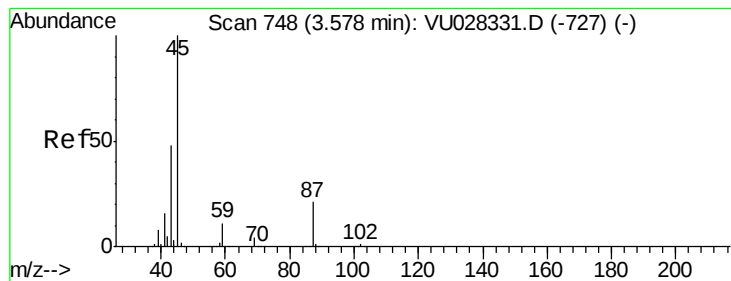
Tgt Ion: 75 Resp: 20923
 Ion Ratio Lower Upper
 75 100
 110 32.5 15.8 47.3
 77 30.1 25.4 38.0



#30
 Carbon Tetrachloride
 Concen: 1.020 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion: 117 Resp: 18437
 Ion Ratio Lower Upper
 117 100
 119 93.0 78.2 117.4
 121 26.8 24.7 37.1





#31

Isopropyl Ether

Concen: 1.023 ug/l

RT: 3.58 min Scan# 748

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

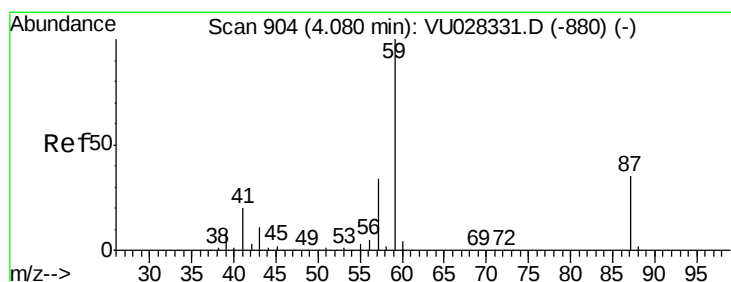
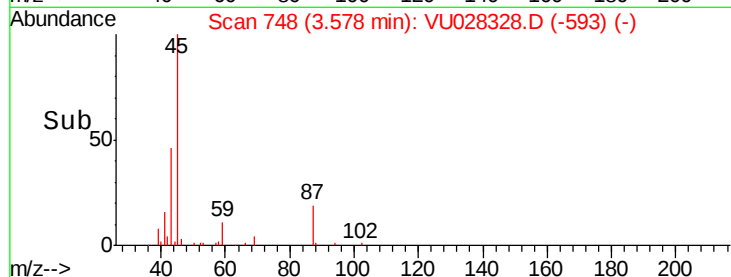
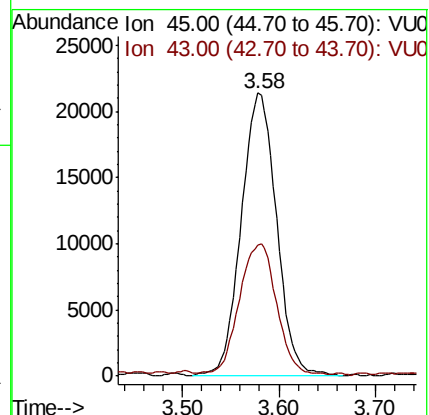
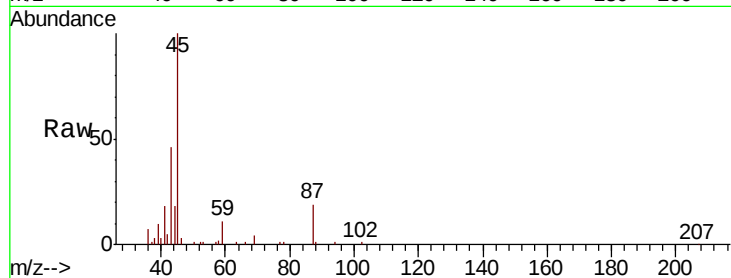
VSTDIC001

Tgt Ion: 45 Resp: 54451

Ion Ratio Lower Upper

45 100

43 48.6 24.2 72.6



#32

Ethyl-t-butyl ether

Concen: 0.983 ug/l

RT: 4.08 min Scan# 903

Delta R.T. -0.00 min

Lab File: VU028328.D

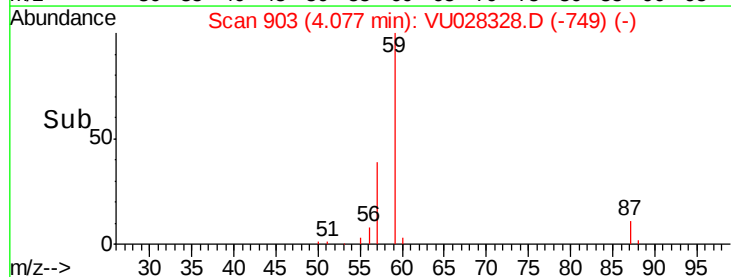
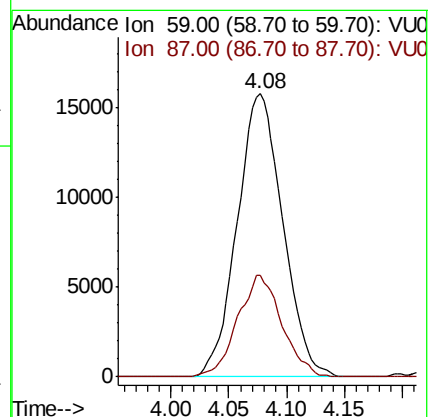
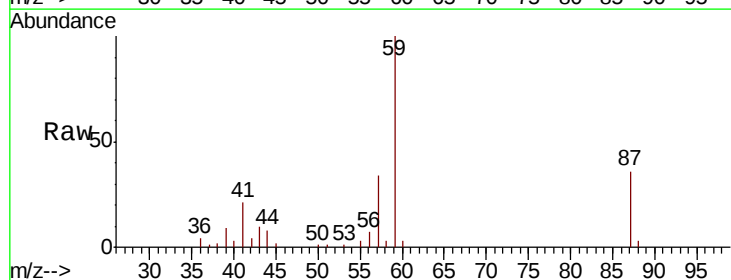
Acq: 26 Nov 2018 10:13

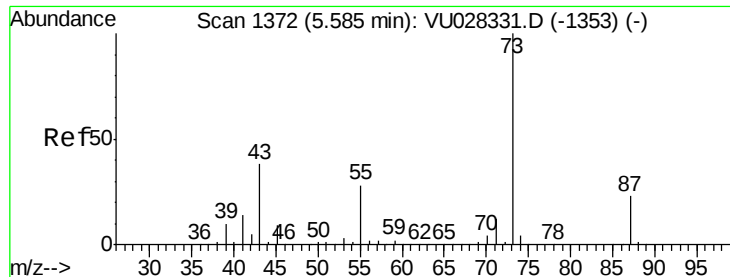
Tgt Ion: 59 Resp: 43094

Ion Ratio Lower Upper

59 100

87 34.9 28.2 42.4



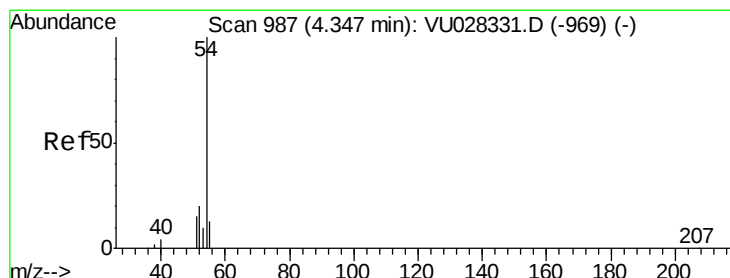
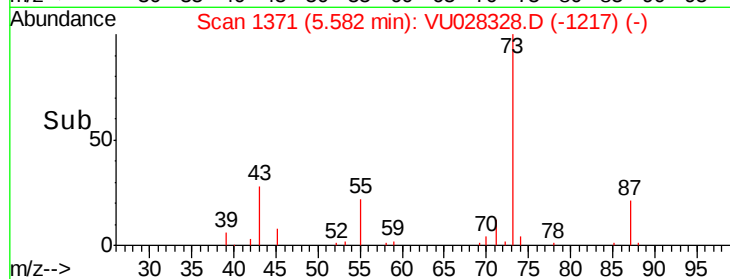
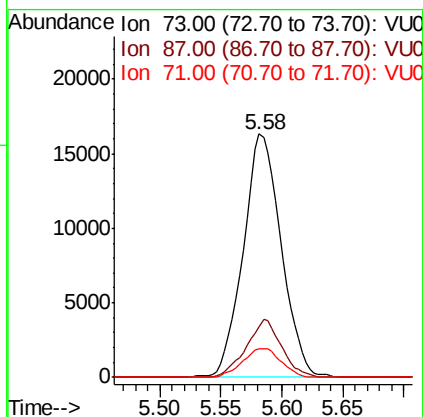
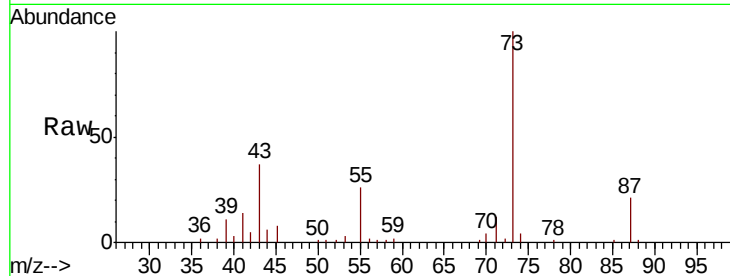


#33

Tert-Amyl methyl ether
 Concen: 0.965 ug/l
 RT: 5.58 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

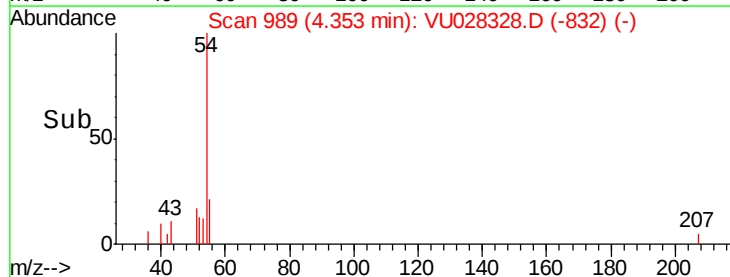
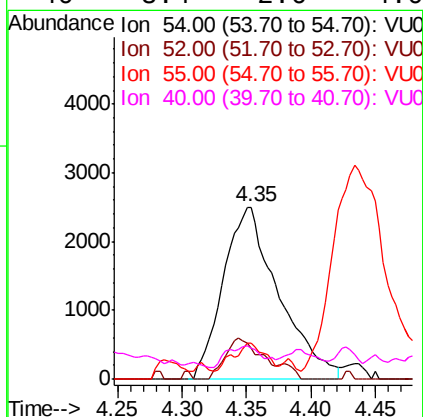
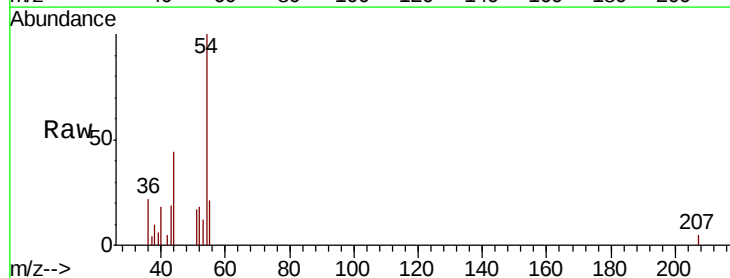
Tgt Ion: 73 Resp: 35096
 Ion Ratio Lower Upper
 73 100
 87 21.9 17.6 26.4
 71 11.8 9.2 13.8

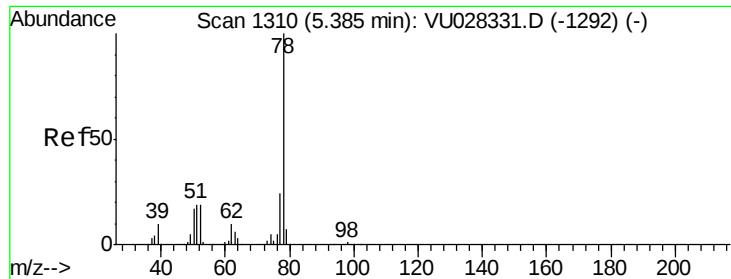


#34

Propionitrile
 Concen: 5.651 ug/l
 RT: 4.35 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion: 54 Resp: 7459
 Ion Ratio Lower Upper
 54 100
 52 14.9 16.6 25.0#
 55 13.4 12.9 19.3
 40 8.4 2.6 4.0#





#35

Benzene

Concen: 0.989 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

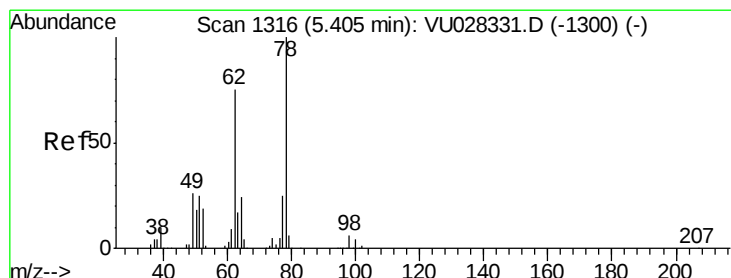
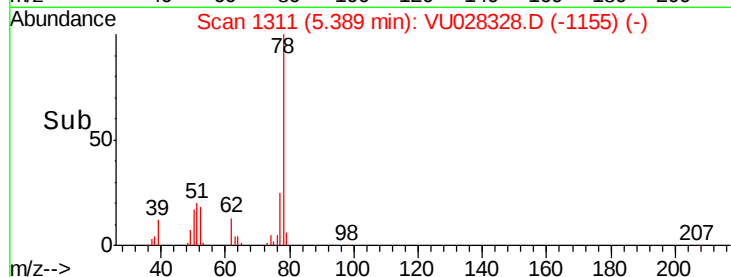
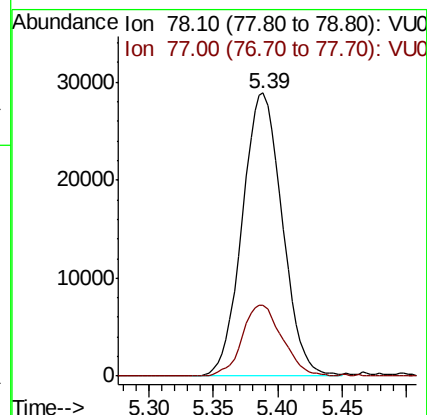
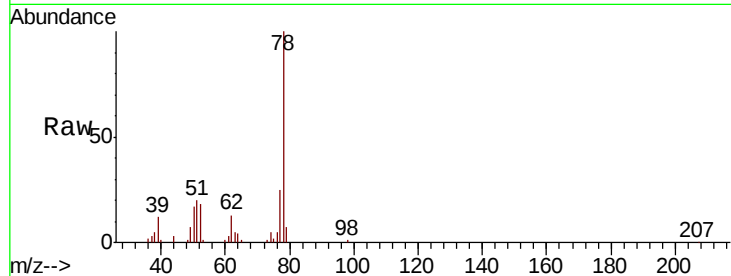
VSTDIC001

Tgt Ion: 78 Resp: 62486

Ion Ratio Lower Upper

78 100

77 25.2 19.5 29.3



#36

1,2-Dichloroethane

Concen: 1.002 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VU028328.D

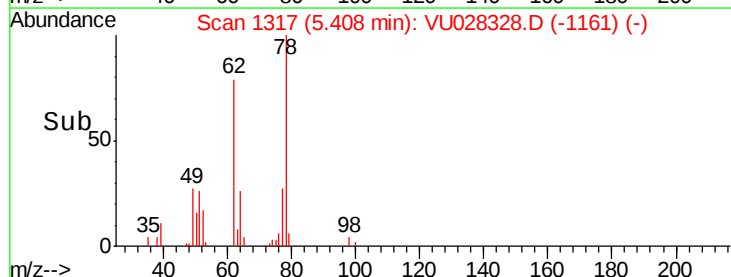
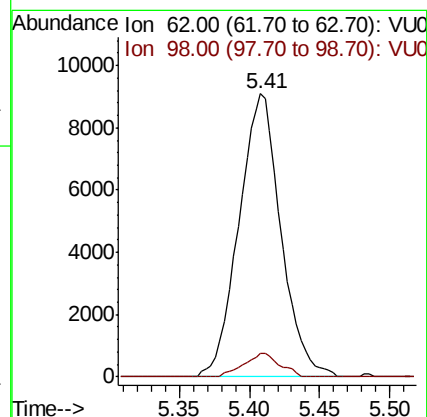
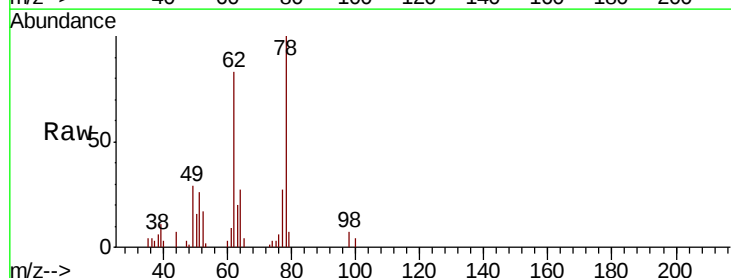
Acq: 26 Nov 2018 10:13

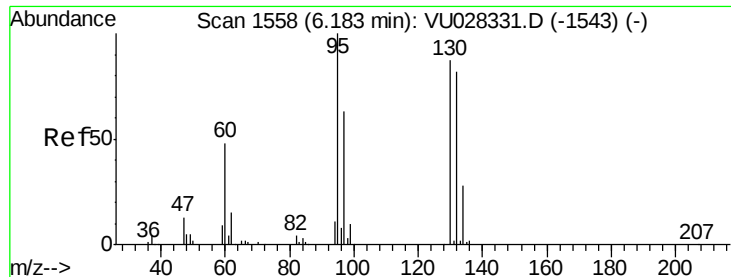
Tgt Ion: 62 Resp: 18948

Ion Ratio Lower Upper

62 100

98 7.0 6.0 9.0

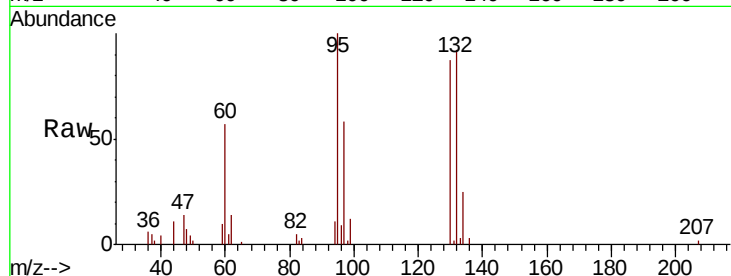




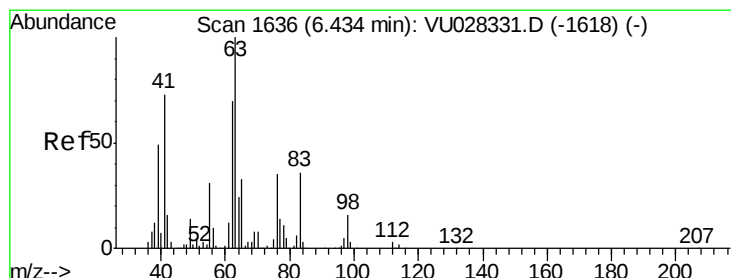
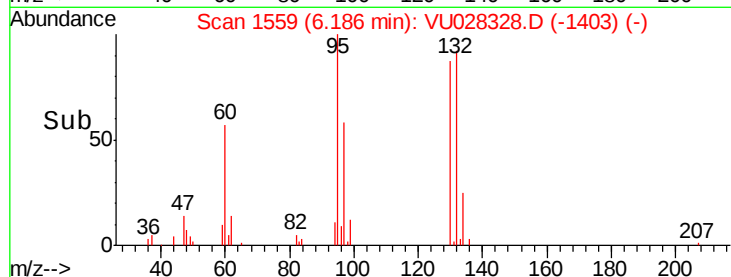
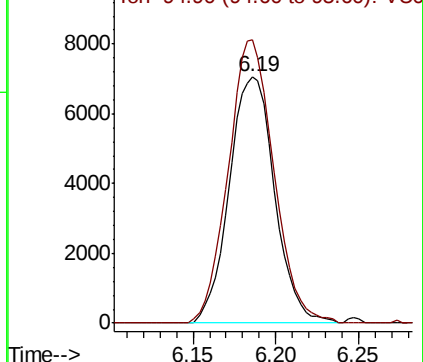
#37
 Trichloroethene
 Concen: 0.977 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 130 Resp: 13455
 Ion Ratio Lower Upper
 130 100
 95 114.9 91.5 137.3

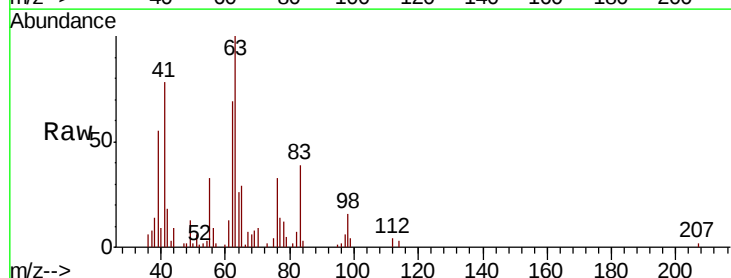


Abundance Ion 129.90 (129.60 to 130.60): VU028331.D (-1543) (-)
 Ion 94.90 (94.60 to 95.60): VU028331.D (-1543) (-)

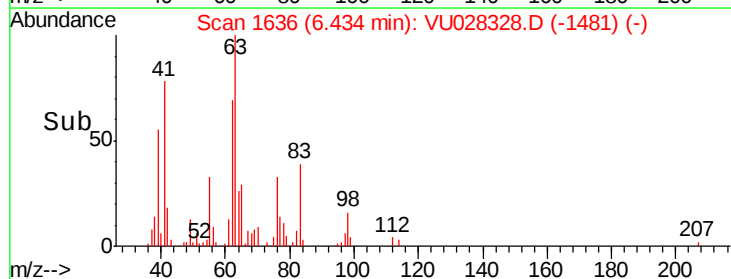
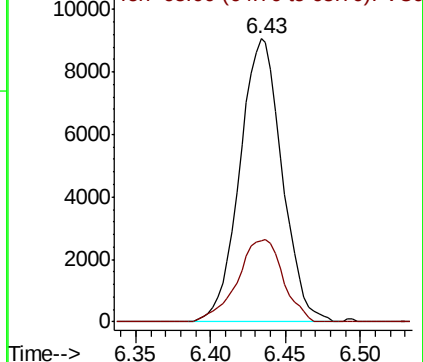


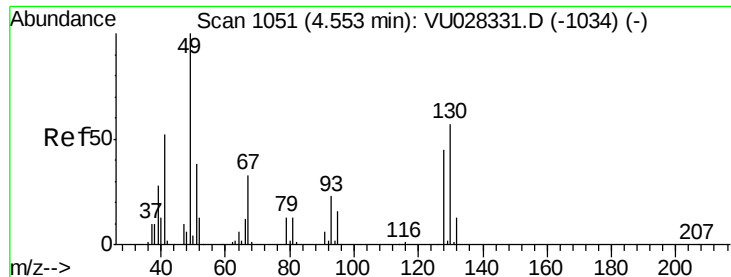
#38
 1,2-Dichloropropane
 Concen: 0.988 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion: 63 Resp: 17808
 Ion Ratio Lower Upper
 63 100
 65 28.8 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) (-)

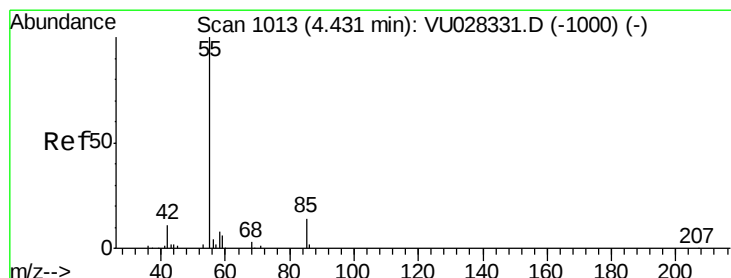
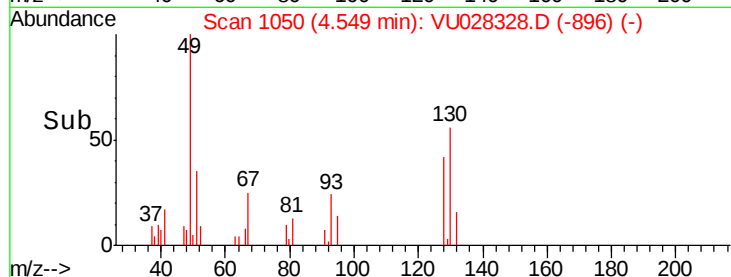
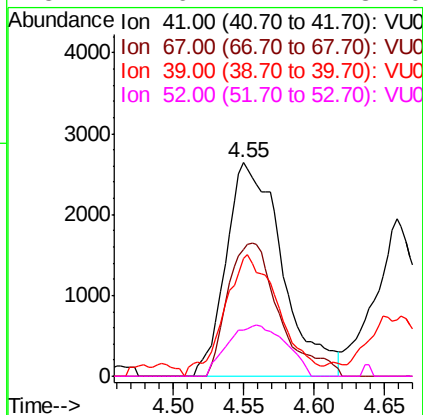
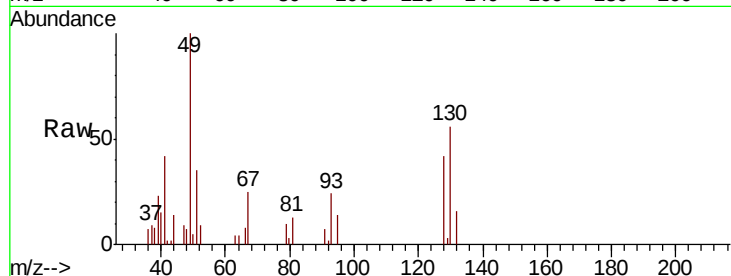




#39
Methacrylonitrile
Concen: 1.042 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

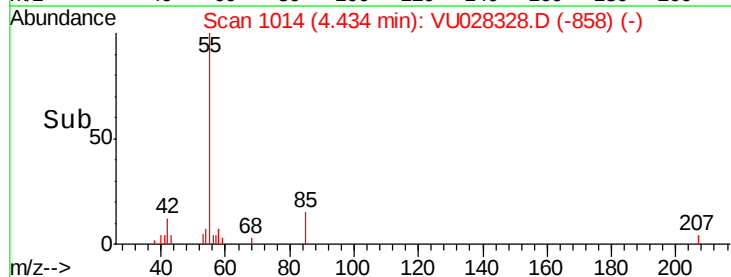
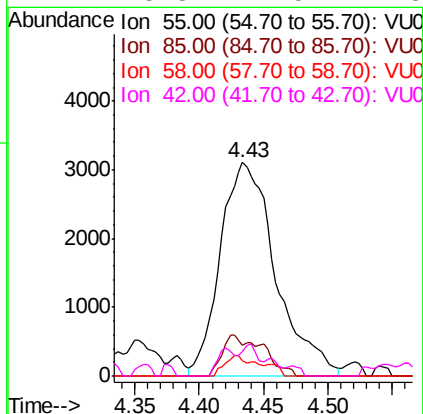
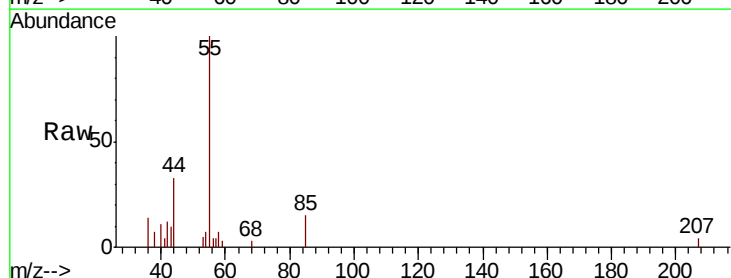
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

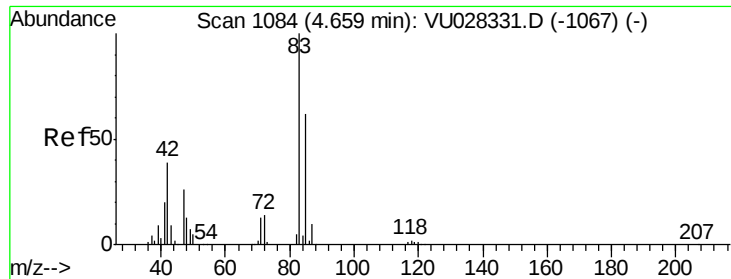
Tgt Ion:	41	Resp:	7366
Ion	Ratio	Lower	Upper
41	100		
67	57.3	48.2	72.4
39	54.5	42.9	64.3
52	24.6	21.4	32.0



#40
Methyl acrylate
Concen: 0.955 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion:	55	Resp:	9285
Ion	Ratio	Lower	Upper
55	100		
85	14.2	10.9	16.3
58	5.1	6.4	9.6#
42	3.8	7.5	11.3#

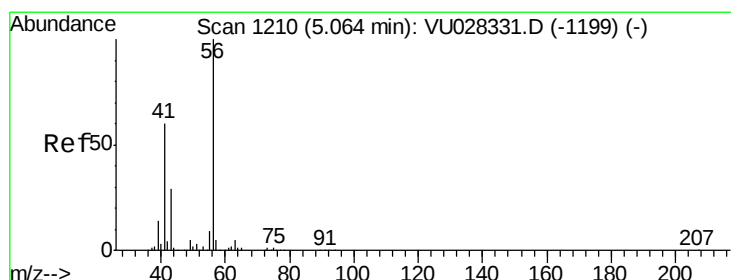
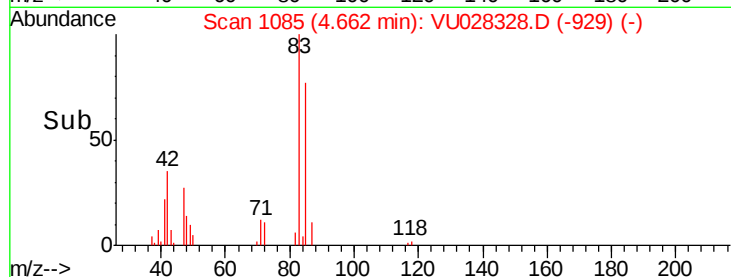
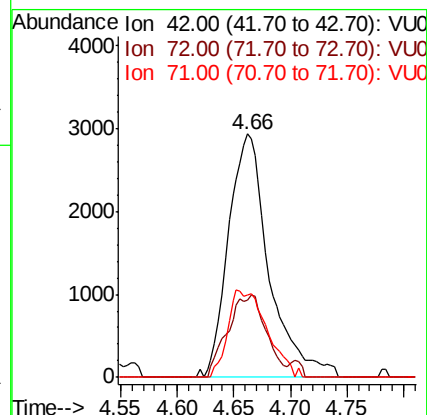
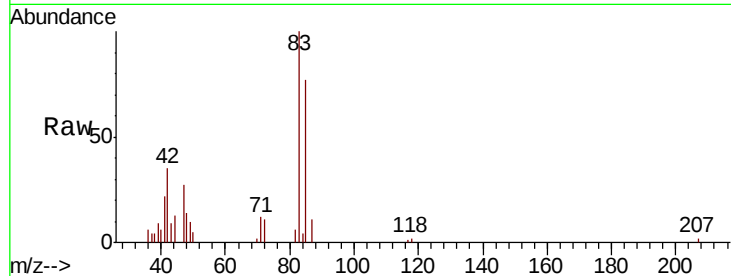




#41
Tetrahydrofuran
Concen: 2.064 ug/l
RT: 4.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

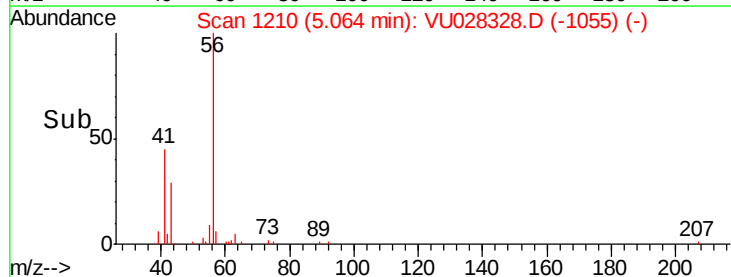
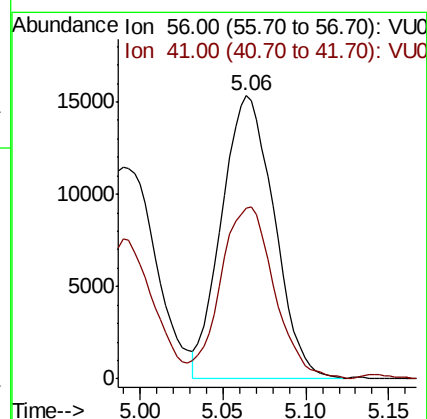
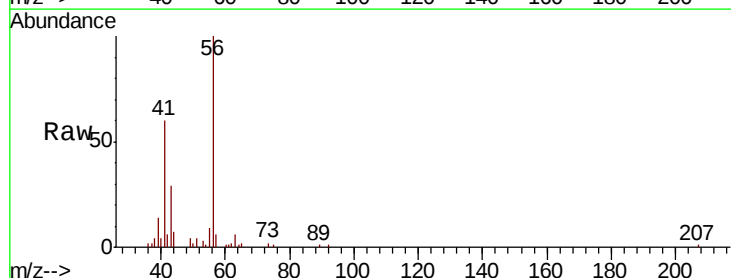
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

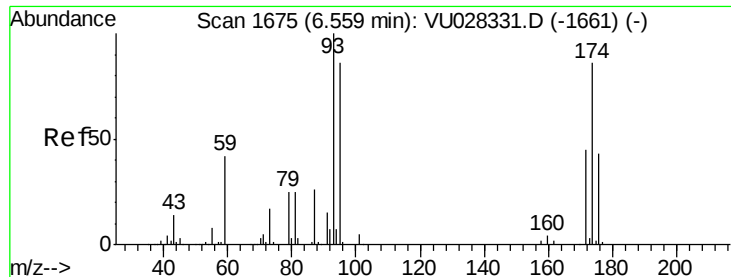
Tgt Ion: 42 Resp: 7337
Ion Ratio Lower Upper
42 100
72 32.3 29.8 44.6
71 34.5 25.9 38.9



#42
1-Chlorobutane
Concen: 0.992 ug/l
RT: 5.06 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion: 56 Resp: 33844
Ion Ratio Lower Upper
56 100
41 62.0 29.8 89.3





#43

Dibromomethane

Concen: 1.007 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

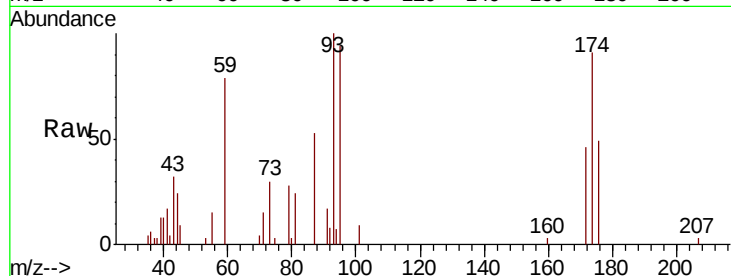
Tgt Ion: 93 Resp: 7731

Ion Ratio Lower Upper

93 100

95 84.7 66.6 99.8

174 87.3 69.4 104.2



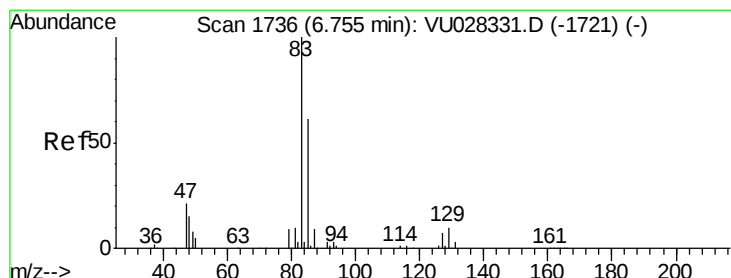
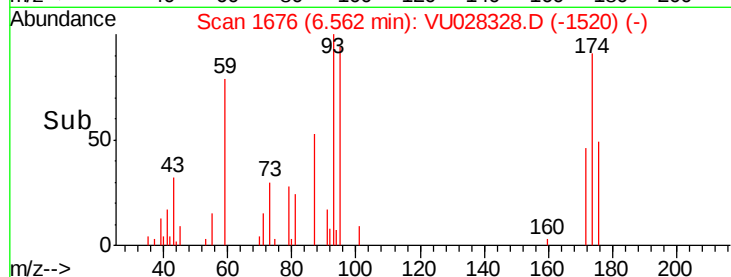
Abundance Ion 93.00 (92.70 to 93.70): VU028331.D (-1661) (-)

Ion 95.00 (94.70 to 95.70): VU028331.D (-1661) (-)

Ion 174.00 (173.70 to 174.70): VU028331.D (-1661) (-)

6.56

Time-->



#44

Bromodichloromethane

Concen: 1.027 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

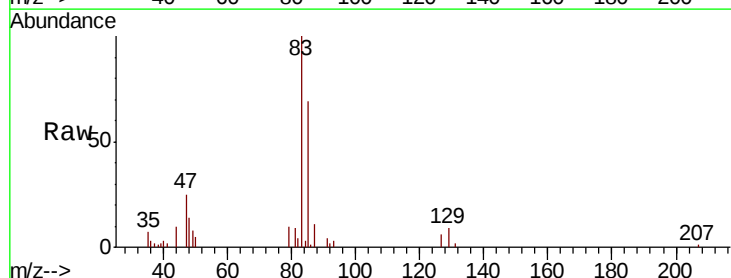
Tgt Ion: 83 Resp: 20801

Ion Ratio Lower Upper

83 100

85 69.0 49.0 73.6

127 5.9 5.7 8.5



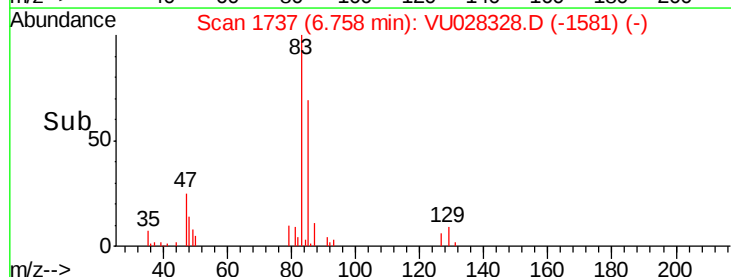
Abundance Ion 83.00 (82.70 to 83.70): VU028331.D (-1721) (-)

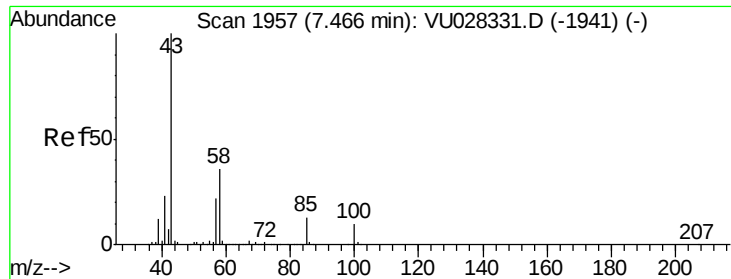
Ion 85.00 (84.70 to 85.70): VU028331.D (-1721) (-)

Ion 127.00 (126.70 to 127.70): VU028331.D (-1721) (-)

6.76

Time-->

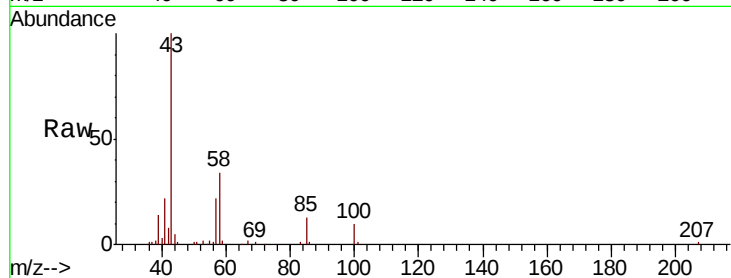




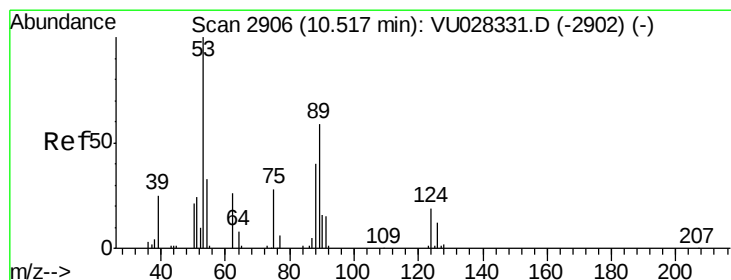
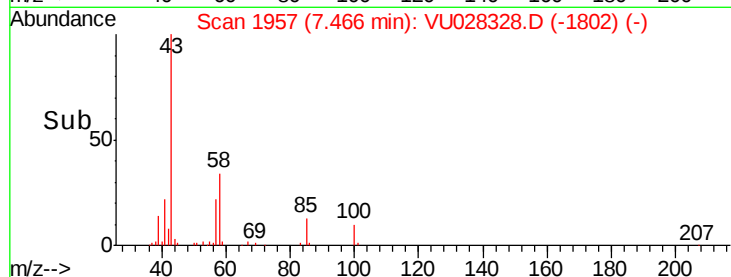
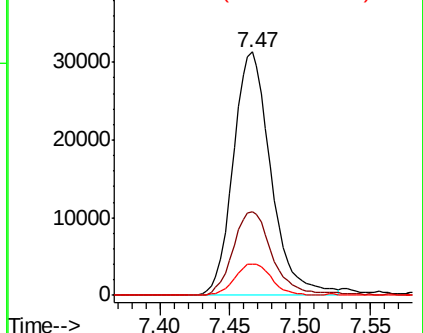
#45
4-Methyl-2-Pentanone
Concen: 4.772 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.1	17.9	53.7
85	12.5	10.8	16.2

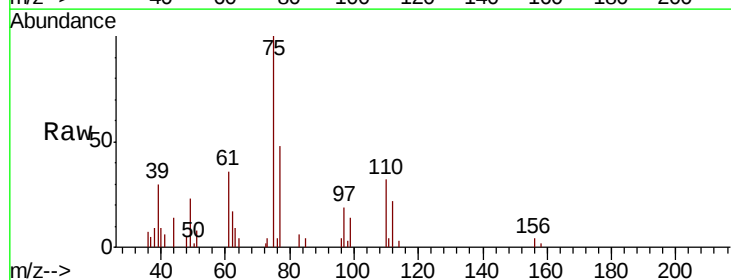


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

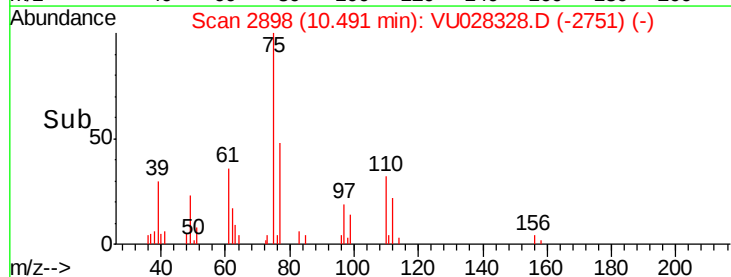
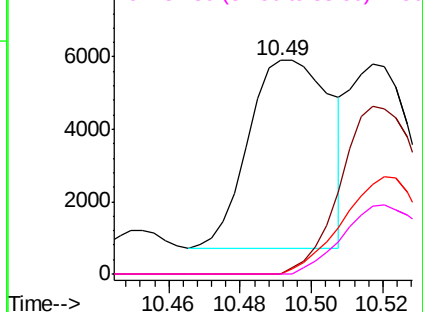


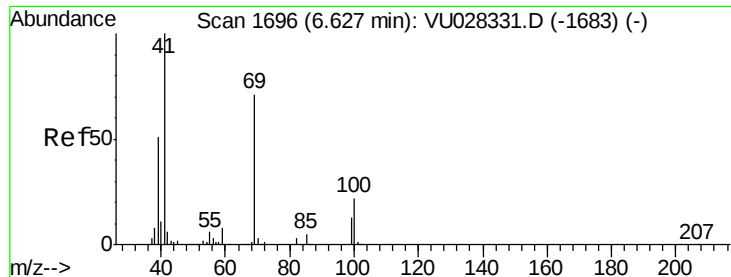
#46
t-1,4-Dichloro-2-butene
Concen: 1.875 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.03 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion	Ratio	Lower	Upper
75	100		
53	89.2	65.0	97.6
89	51.4	38.6	58.0
88	37.6	27.3	40.9



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

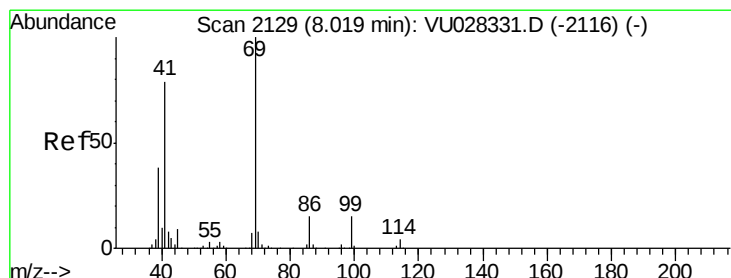
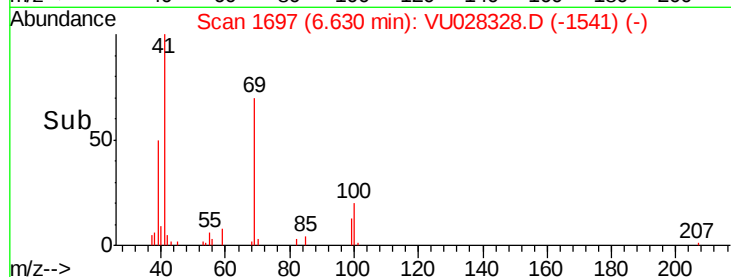
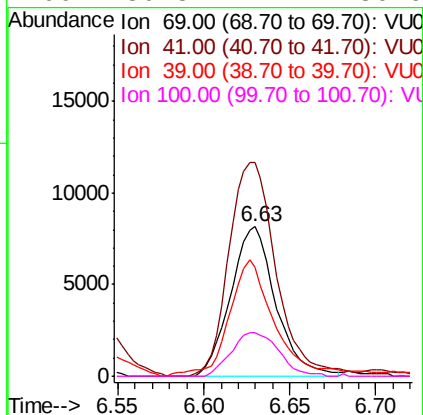
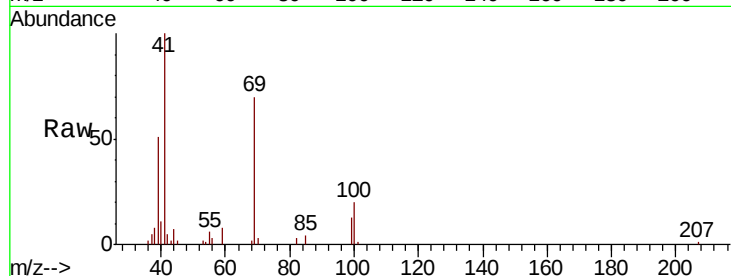




#47
Methyl methacrylate
Concen: 1.896 ug/l
RT: 6.63 min Scan# 1697
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

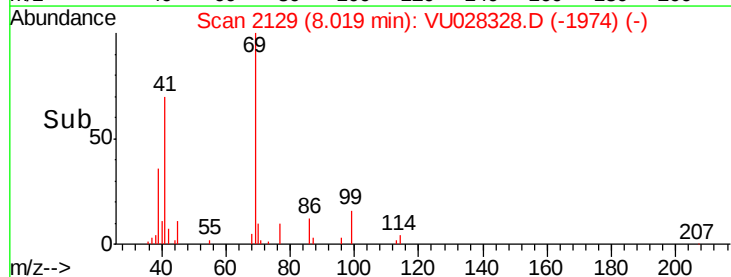
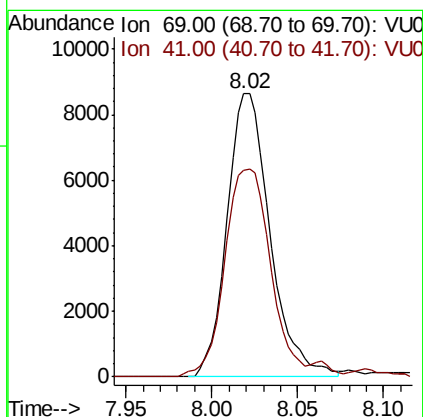
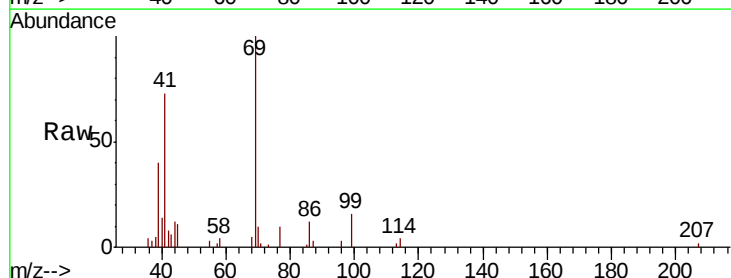
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

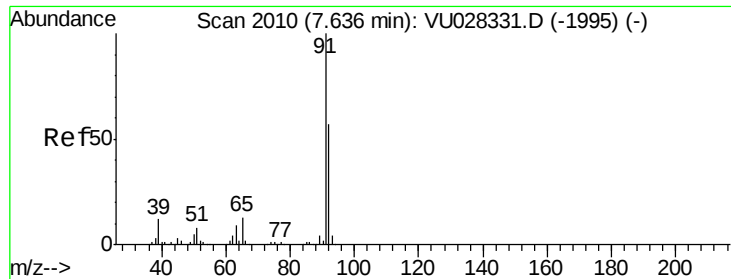
Tgt Ion: 69 Resp: 14849
Ion Ratio Lower Upper
69 100
41 150.3 0.0 277.2
39 77.8 57.6 86.4
100 30.8 24.4 36.6



#48
Ethyl methacrylate
Concen: 0.959 ug/l
RT: 8.02 min Scan# 2129
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion: 69 Resp: 15030
Ion Ratio Lower Upper
69 100
41 77.4 39.4 118.2





#49

Toluene

Concen: 0.928 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

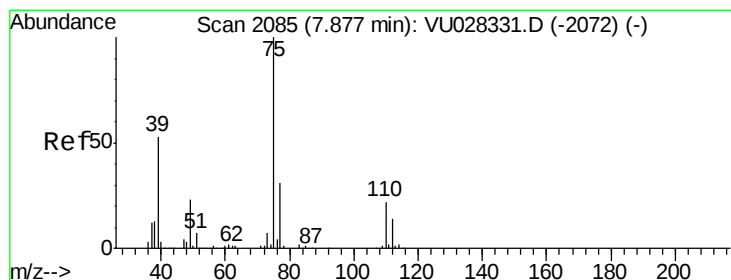
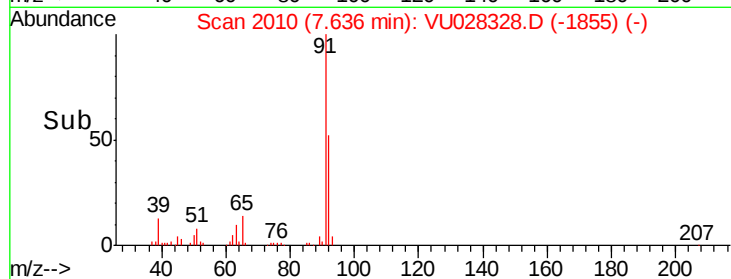
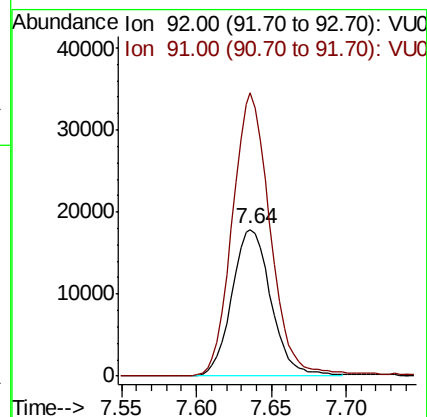
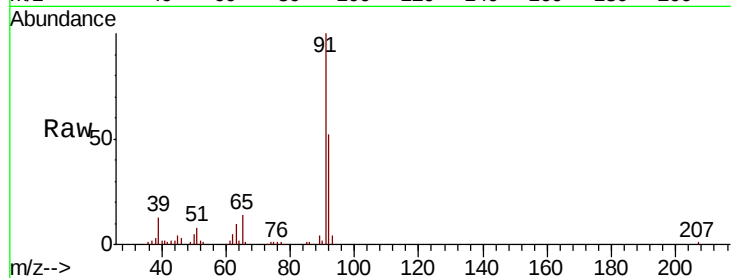
VSTDIC001

Tgt Ion: 92 Resp: 32586

Ion Ratio Lower Upper

92 100

91 187.4 141.5 212.3



#50

t-1,3-Dichloropropene

Concen: 0.965 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU028328.D

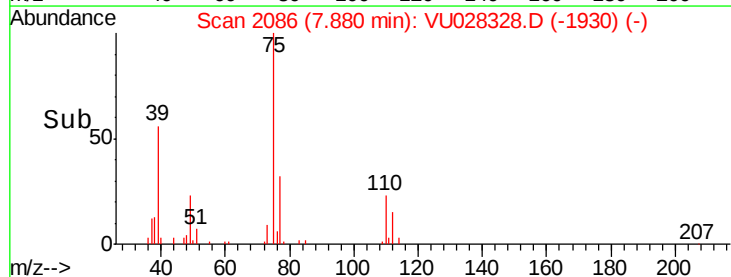
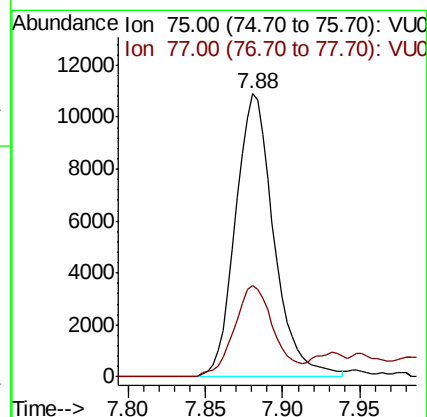
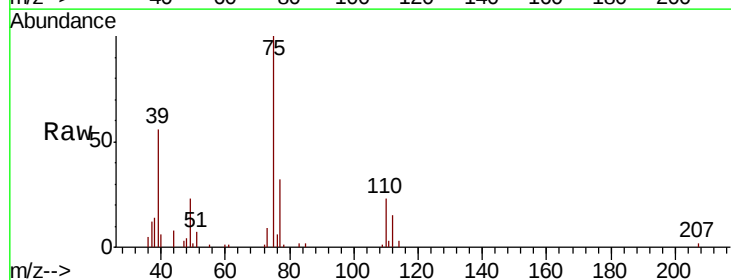
Acq: 26 Nov 2018 10:13

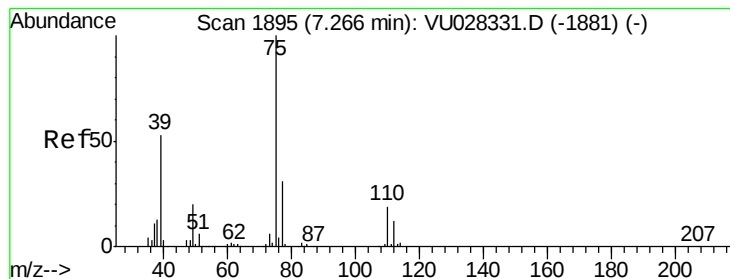
Tgt Ion: 75 Resp: 18773

Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 0.977 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

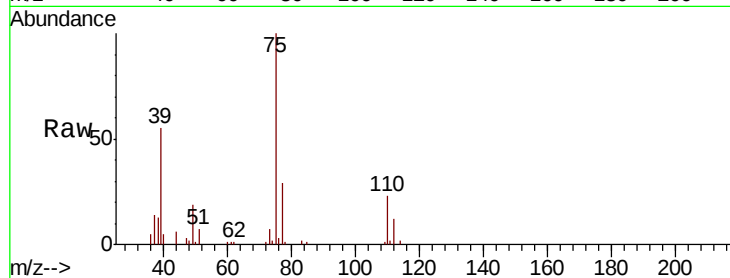
Tgt Ion: 75 Resp: 23484

Ion Ratio Lower Upper

75 100

77 29.0 24.4 36.6

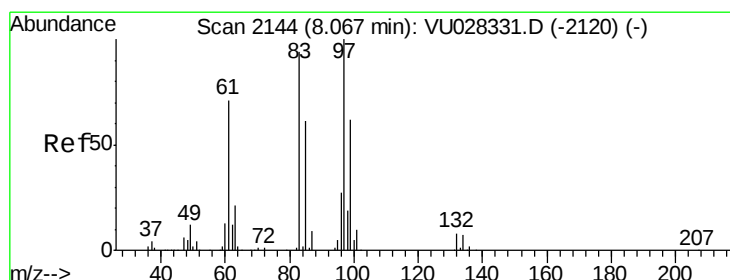
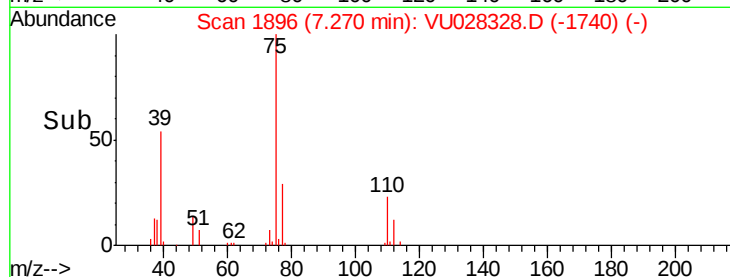
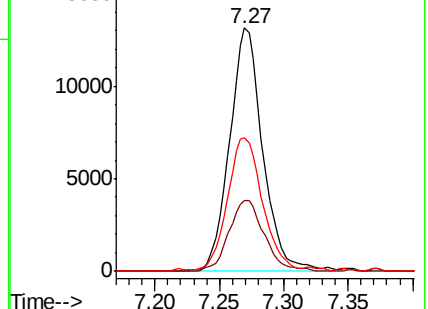
39 54.2 42.8 64.2



Abundance Ion 75.00 (74.70 to 75.70): VU028331.D (-1881) (-)

Ion 77.00 (76.70 to 77.70): VU028331.D (-1881) (-)

Ion 39.00 (38.70 to 39.70): VU028331.D (-1881) (-)



#52

1,1,2-Trichloroethane

Concen: 1.018 ug/l

RT: 8.07 min Scan# 2145

Delta R.T. 0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Tgt Ion: 97 Resp: 10967

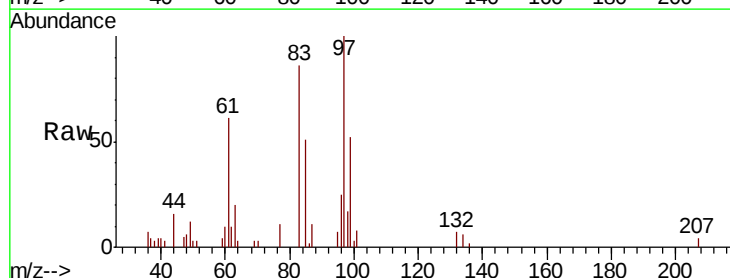
Ion Ratio Lower Upper

97 100

83 85.9 75.1 112.7

85 51.2 48.7 73.1

99 52.4 49.6 74.4

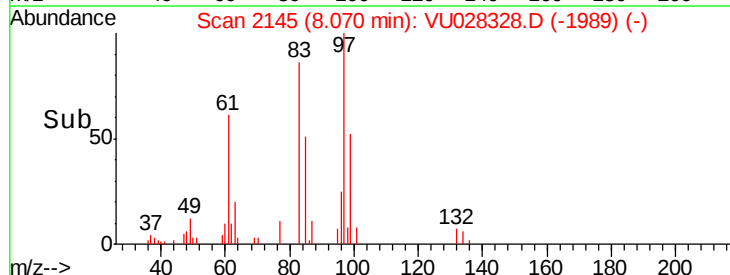
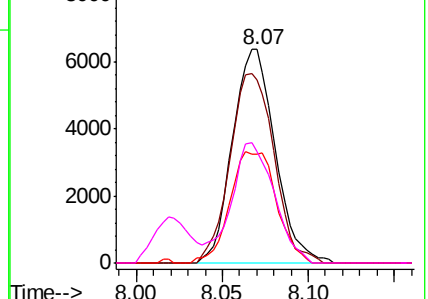


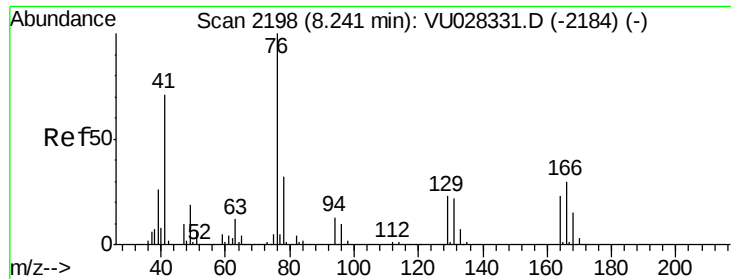
Abundance Ion 97.00 (96.70 to 97.70): VU028331.D (-2120) (-)

Ion 82.95 (82.65 to 83.65): VU028331.D (-2120) (-)

Ion 84.95 (84.65 to 85.65): VU028331.D (-2120) (-)

Ion 98.95 (98.65 to 99.65): VU028331.D (-2120) (-)

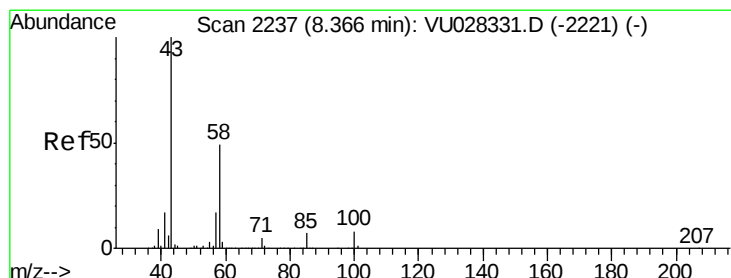
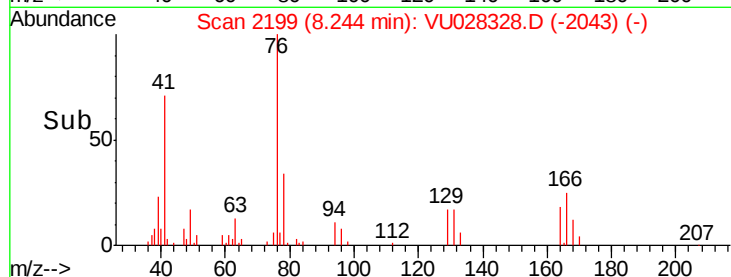
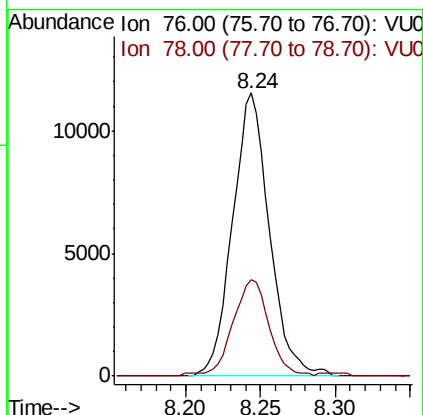
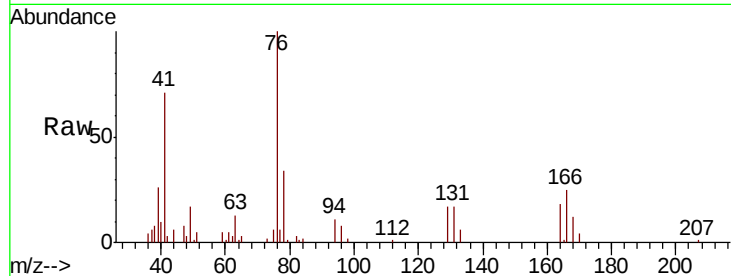




#53
 1,3-Dichloropropane
 Concen: 0.984 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

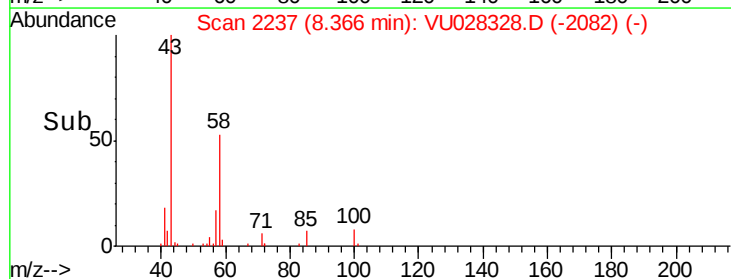
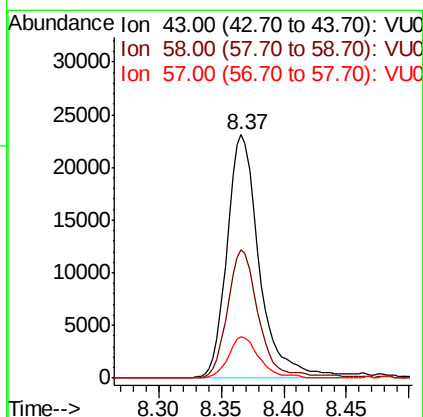
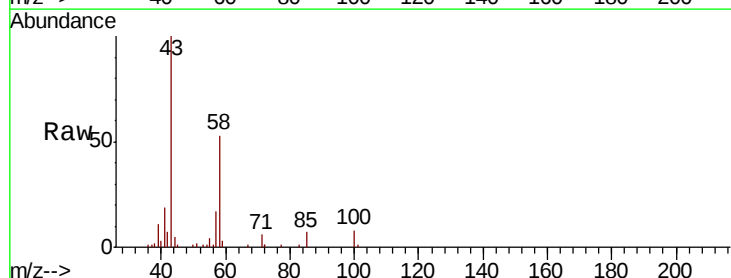
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

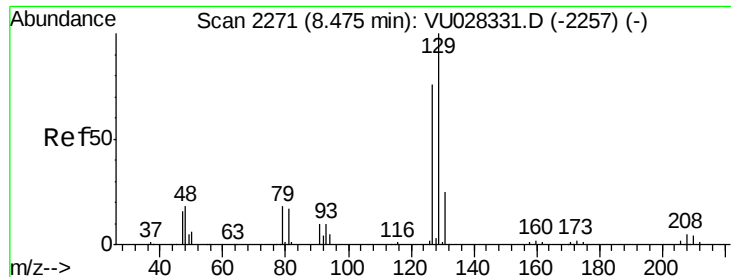
Tgt Ion: 76 Resp: 19793
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.4 38.0



#54
 2-Hexanone
 Concen: 4.673 ug/l
 RT: 8.37 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion: 43 Resp: 41432
 Ion Ratio Lower Upper
 43 100
 58 51.3 29.3 69.3
 57 16.3 0.0 36.8





#55

Dibromochloromethane

Concen: 0.969 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

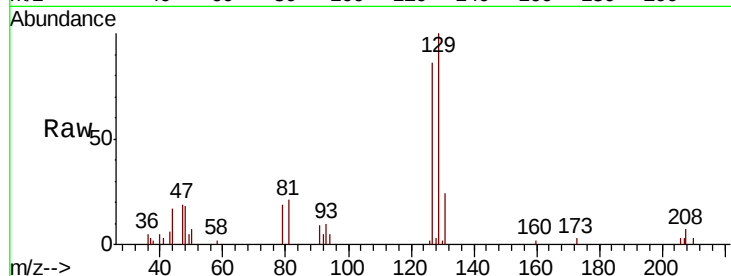
VSTDIC001

Tgt Ion:129 Resp: 11103

Ion Ratio Lower Upper

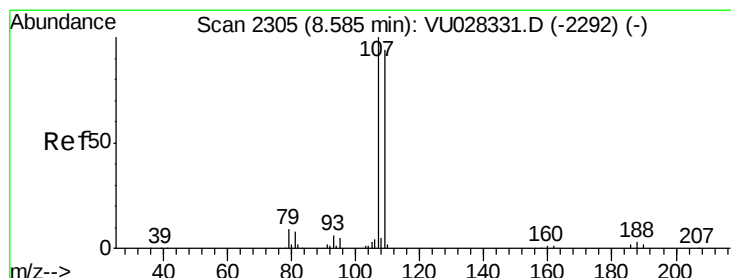
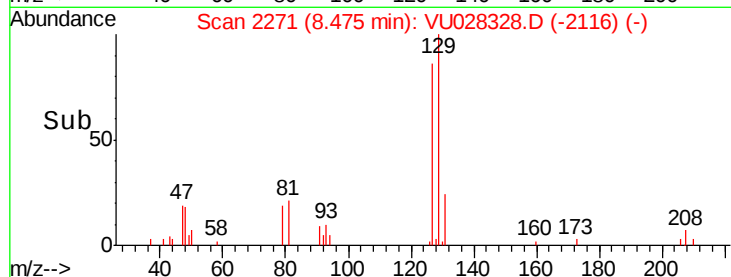
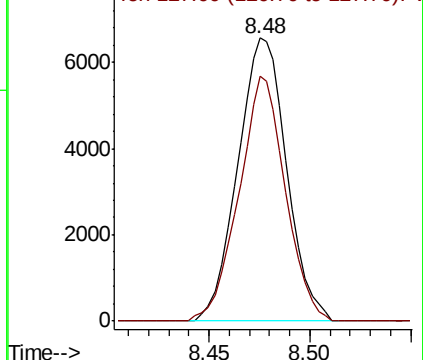
129 100

127 82.0 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: 0.993 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU028328.D

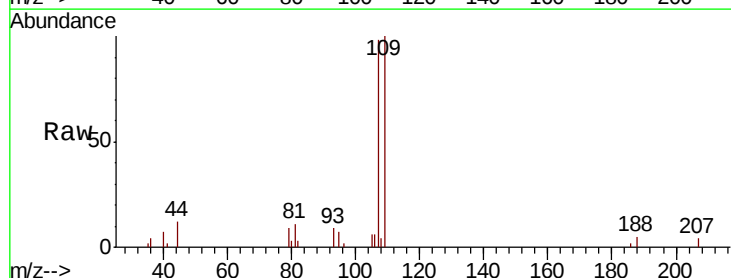
Acq: 26 Nov 2018 10:13

Tgt Ion:107 Resp: 9749

Ion Ratio Lower Upper

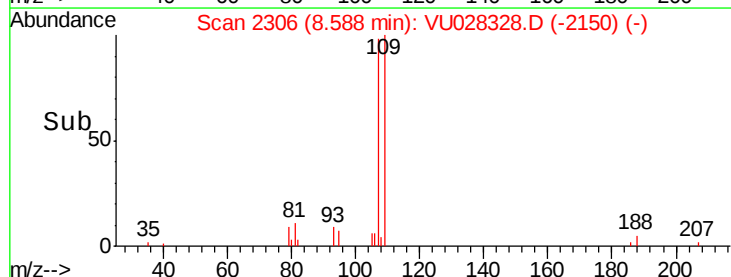
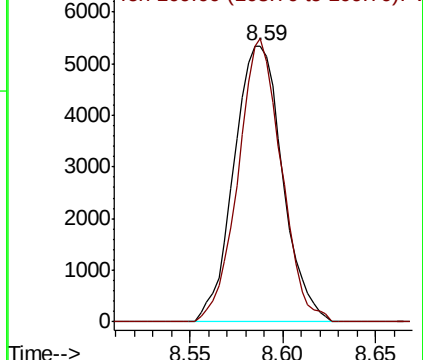
107 100

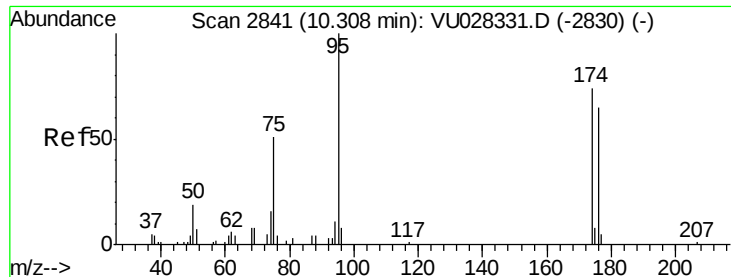
109 91.1 0.0 187.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 0.993 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

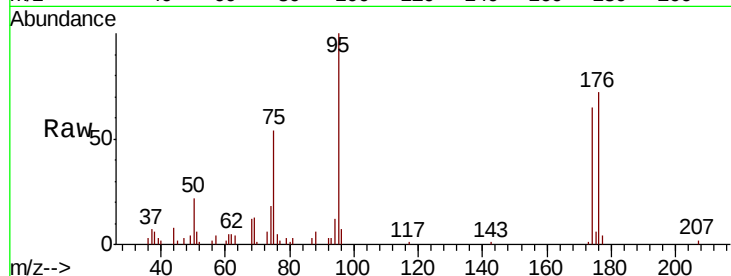
Tgt Ion: 95 Resp: 17930

Ion Ratio Lower Upper

95 100

174 67.6 59.3 88.9

176 68.8 54.3 81.5

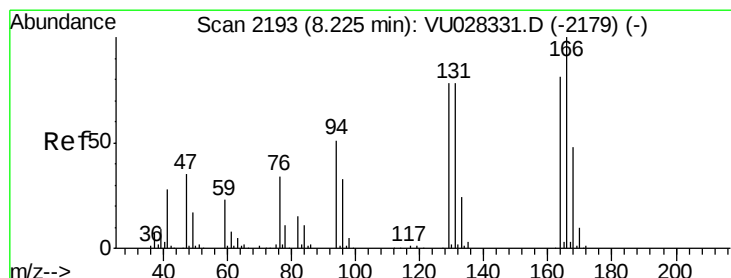
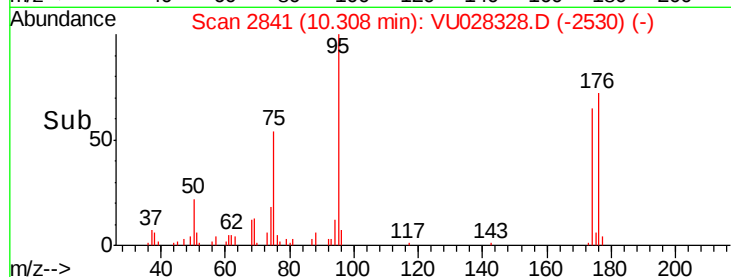
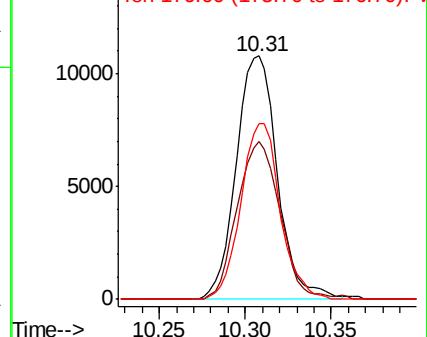


Abundance

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: 1.009 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Tgt Ion: 164 Resp: 12722

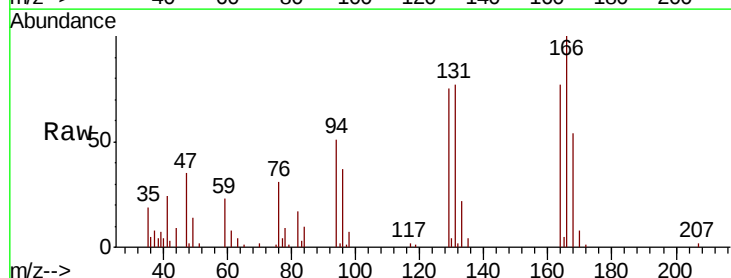
Ion Ratio Lower Upper

164 100

166 130.2 98.6 148.0

129 97.2 77.0 115.4

131 100.0 77.0 115.4



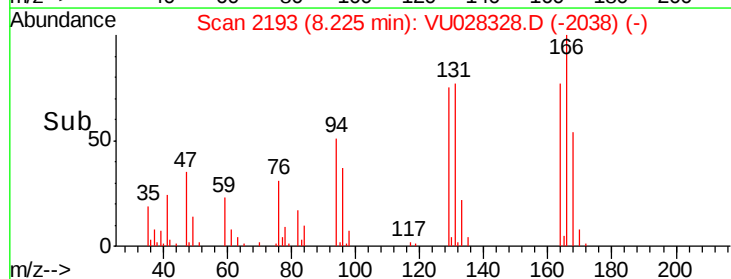
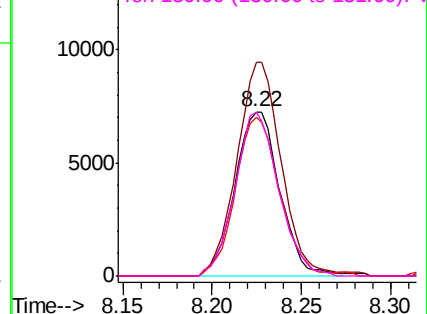
Abundance

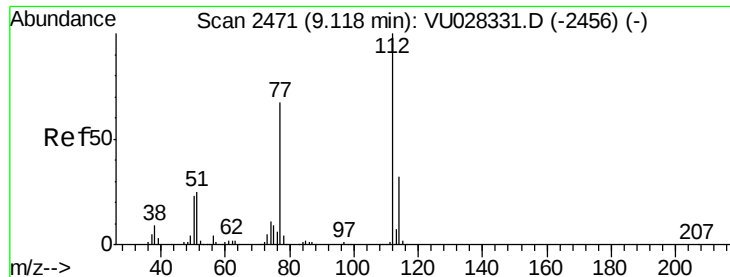
Ion 163.85 (163.55 to 164.55): VU028331.D (-2179) (-)

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) (-)

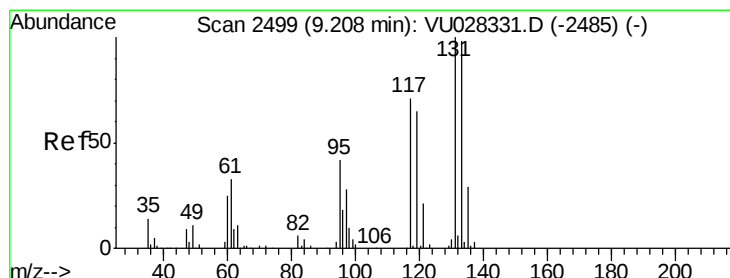
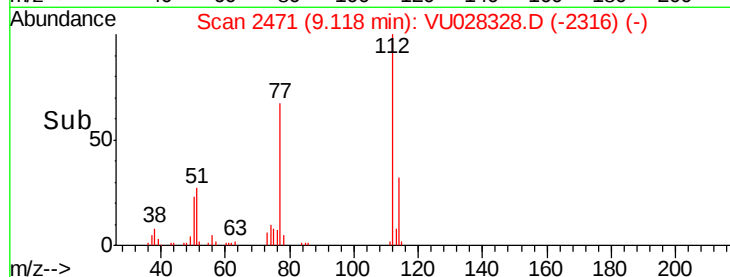
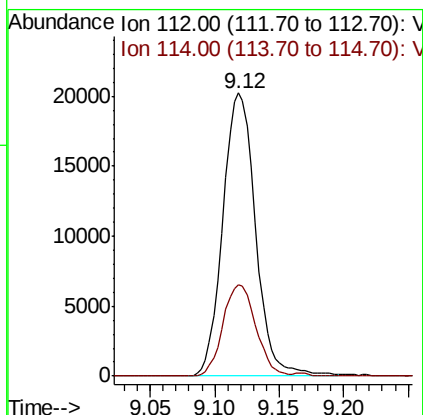
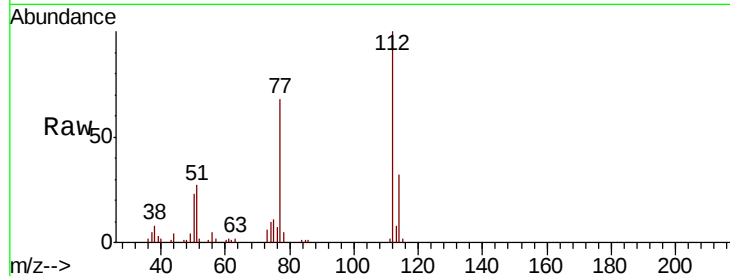




#59
Chlorobenzene
Concen: 0.976 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

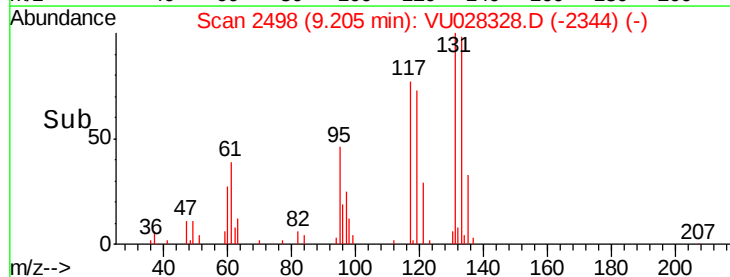
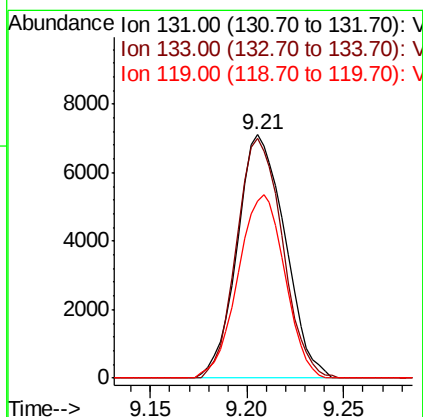
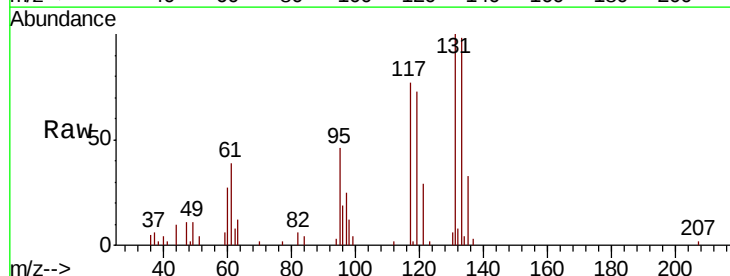
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

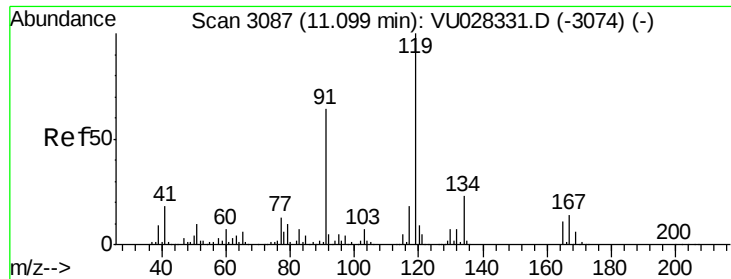
Tgt Ion:112 Resp: 35666
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8



#60
1,1,1,2-Tetrachloroethane
Concen: 0.986 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion:131 Resp: 12206
Ion Ratio Lower Upper
131 100
133 94.6 77.7 116.5
119 74.0 54.3 81.5

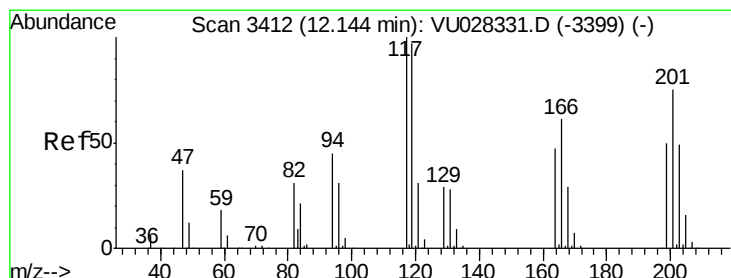
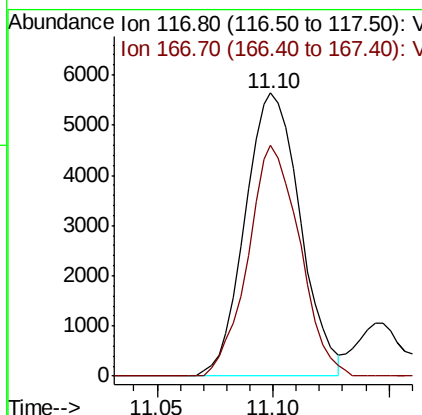
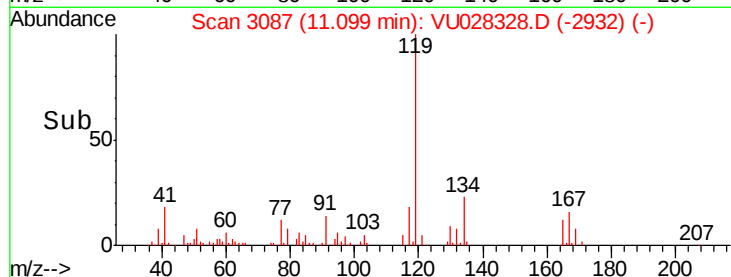
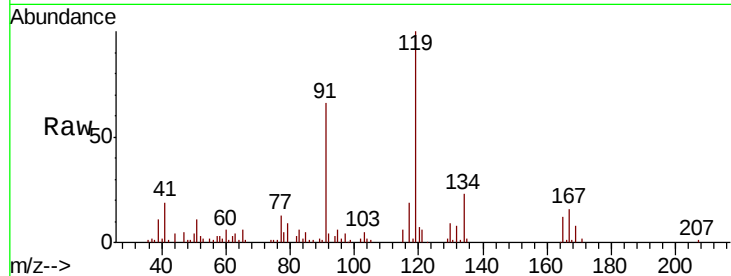




#61
 Pentachloroethane
 Concen: 0.968 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

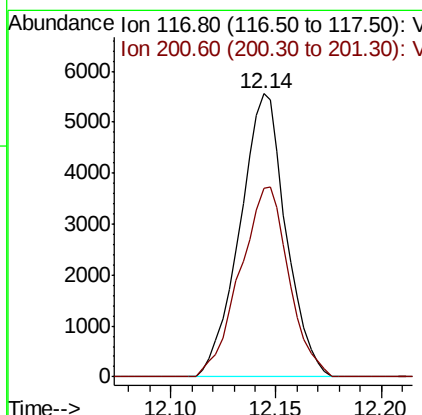
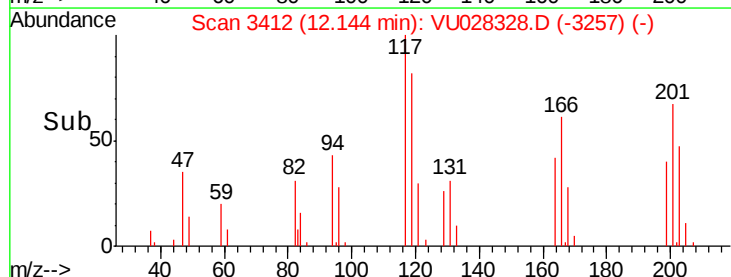
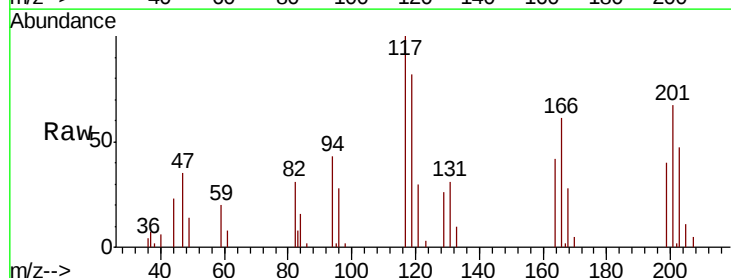
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

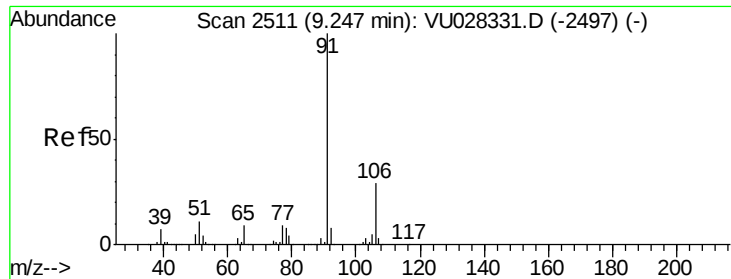
Tgt Ion:117 Resp: 9326
 Ion Ratio Lower Upper
 117 100
 167 76.5 64.2 96.2



#62
 Hexachloroethane
 Concen: 0.935 ug/l
 RT: 12.14 min Scan# 3412
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion:117 Resp: 8439
 Ion Ratio Lower Upper
 117 100
 201 71.1 59.4 89.2

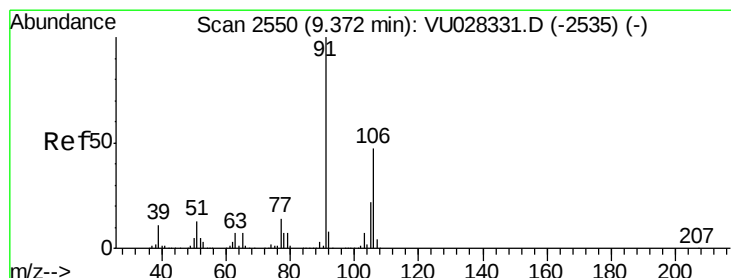
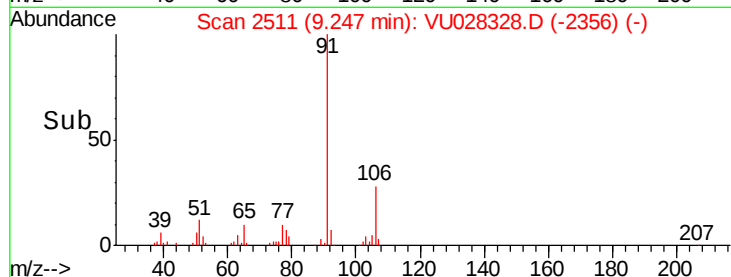
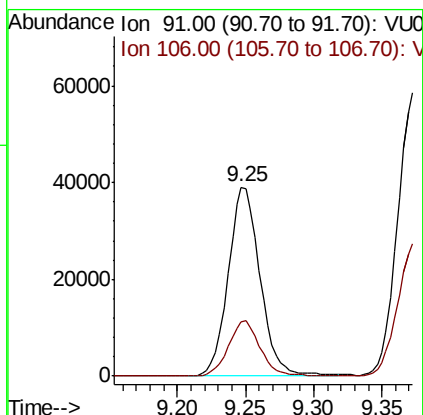
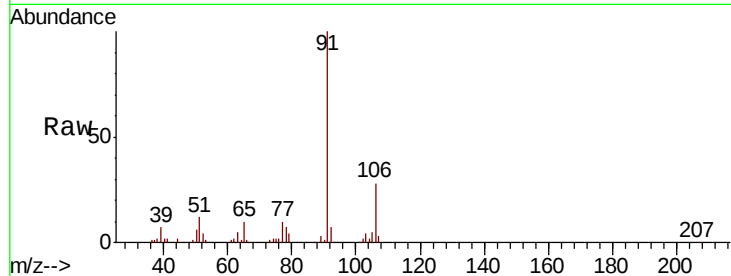




#63
Ethyl Benzene
Concen: 0.943 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

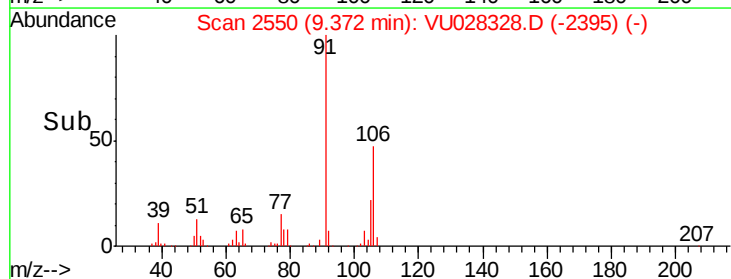
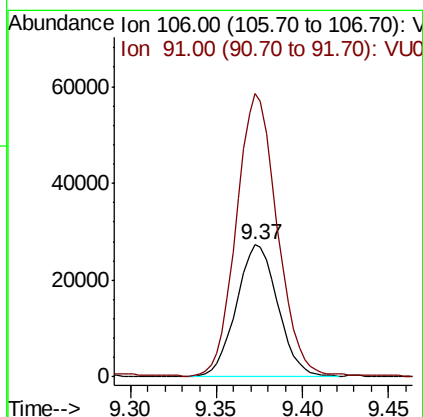
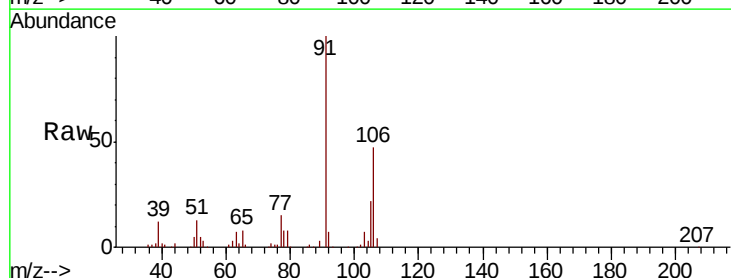
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

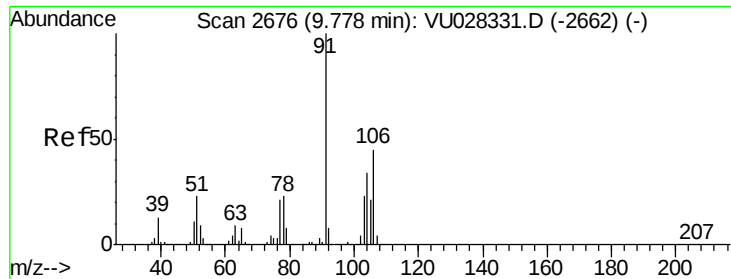
Tgt Ion: 91 Resp: 63530
Ion Ratio Lower Upper
91 100
106 28.5 23.4 35.2



#64
m/p-Xylenes
Concen: 1.858 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion: 106 Resp: 45316
Ion Ratio Lower Upper
106 100
91 211.9 170.6 256.0

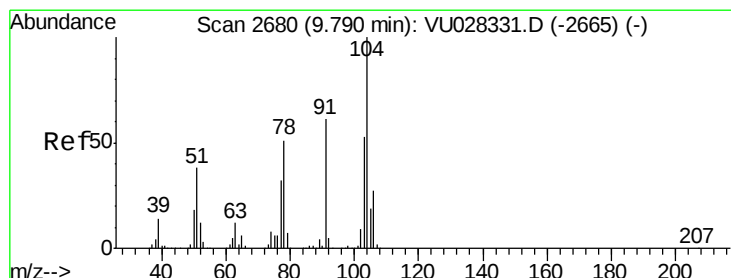
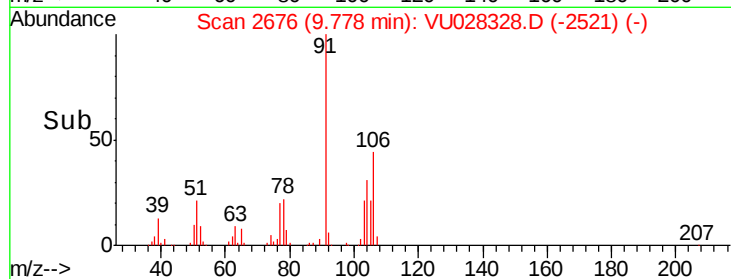
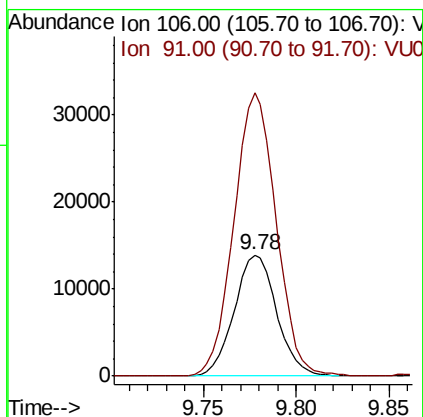
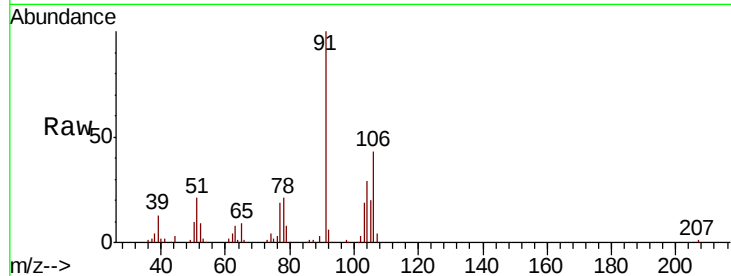




#65
o-Xylene
Concen: 0.939 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

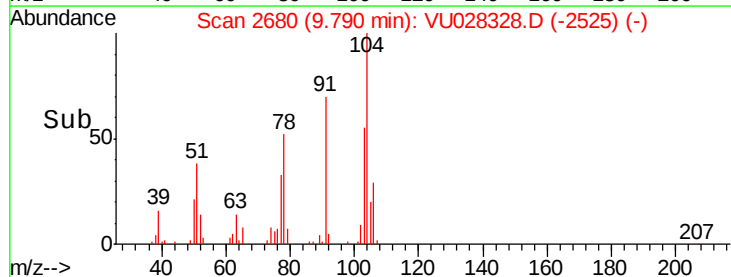
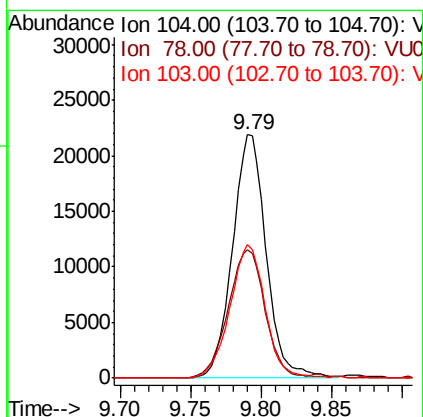
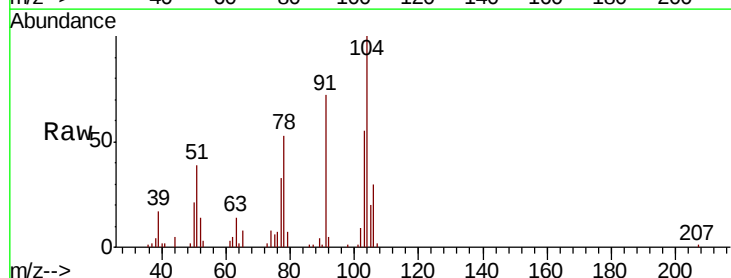
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

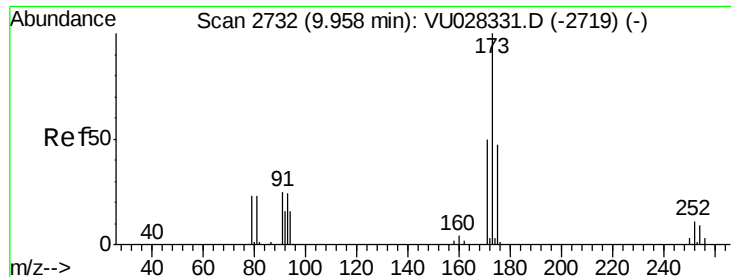
Tgt Ion:106 Resp: 22107
Ion Ratio Lower Upper
106 100
91 232.5 112.3 337.0



#66
Styrene
Concen: 0.908 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion:104 Resp: 36680
Ion Ratio Lower Upper
104 100
78 57.5 44.0 66.0
103 57.1 45.2 67.8





#67

Bromoform

Concen: 0.944 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

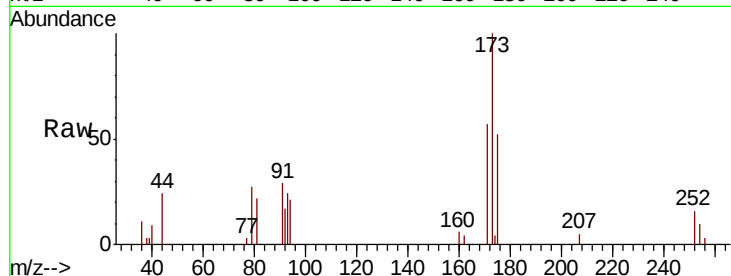
Tgt Ion:173 Resp: 6065

Ion Ratio Lower Upper

173 100

175 51.0 39.0 58.6

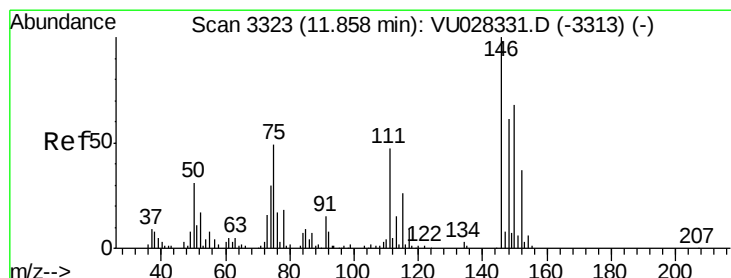
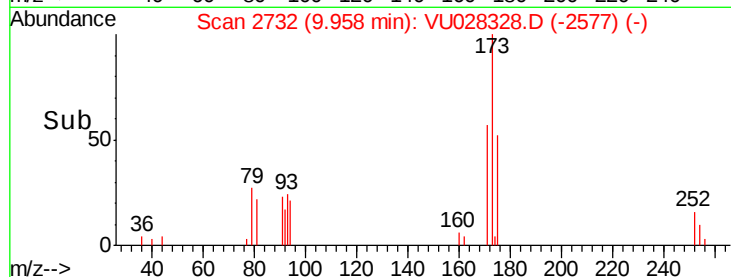
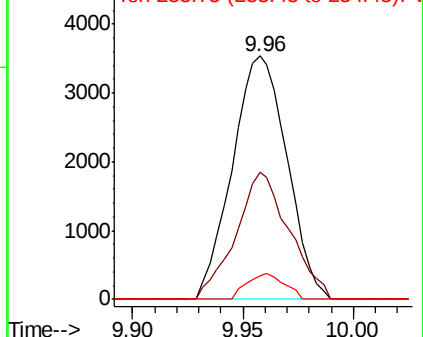
254 7.2 6.8 10.2



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: 0.944 ug/l

RT: 11.86 min Scan# 3323

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

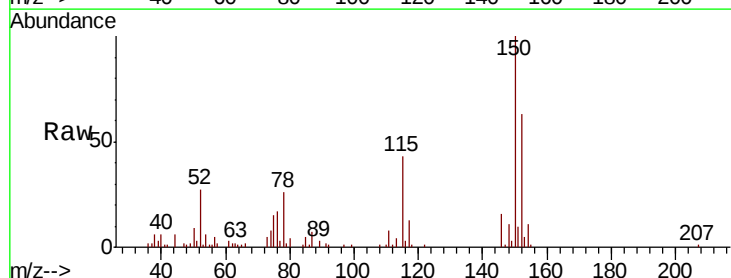
Tgt Ion:152 Resp: 15861

Ion Ratio Lower Upper

152 100

115 74.8 0.0 146.8

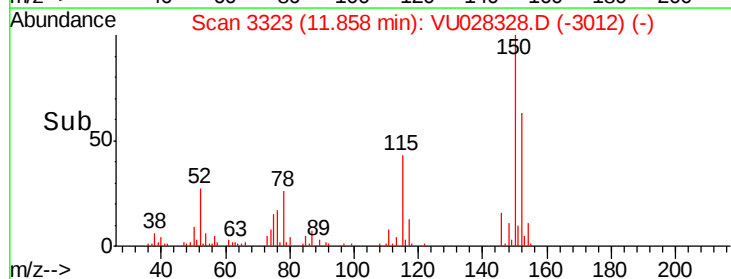
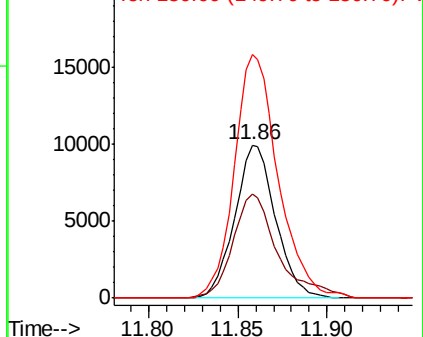
150 170.7 0.0 653.2

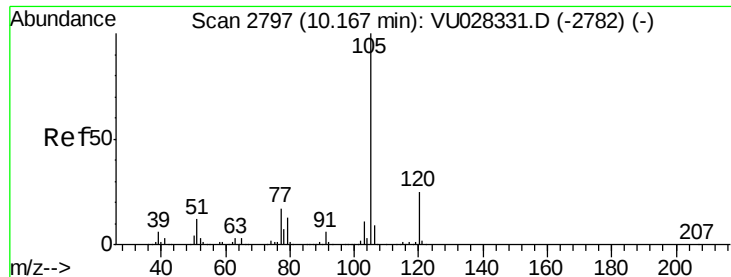


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 0.937 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

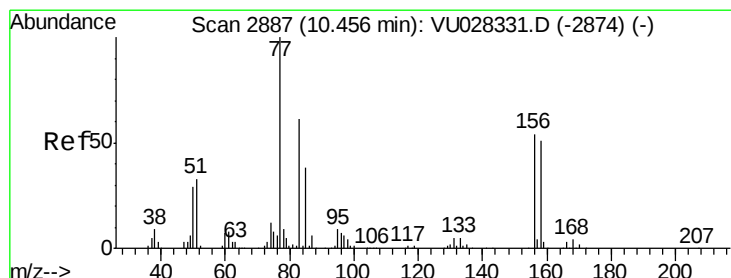
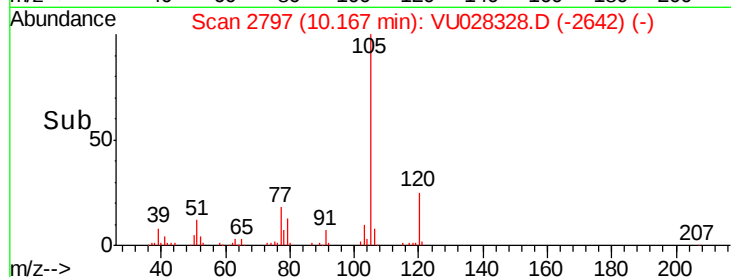
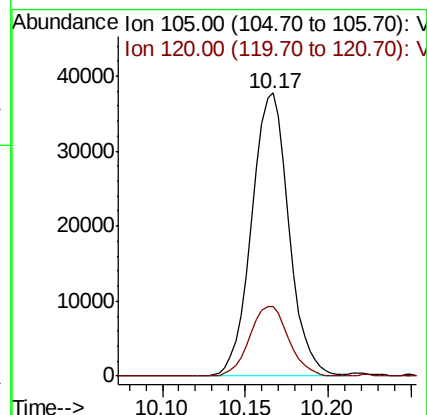
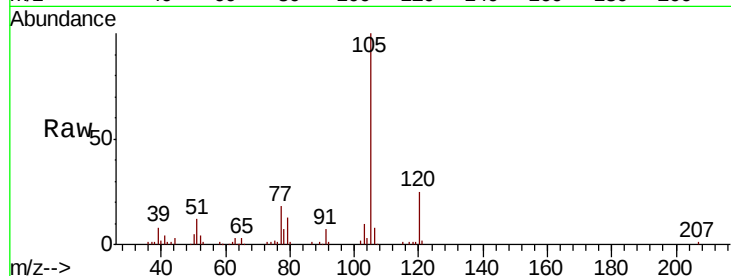
VSTDIC001

Tgt Ion:105 Resp: 59074

Ion Ratio Lower Upper

105 100

120 25.9 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.995 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

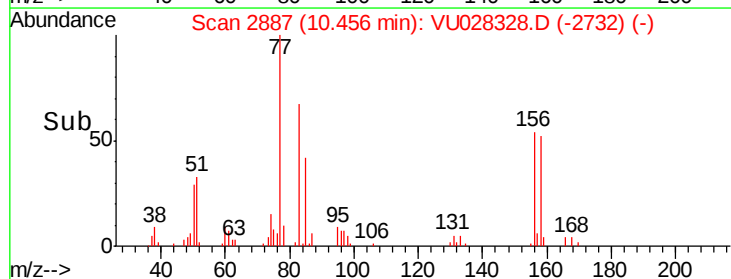
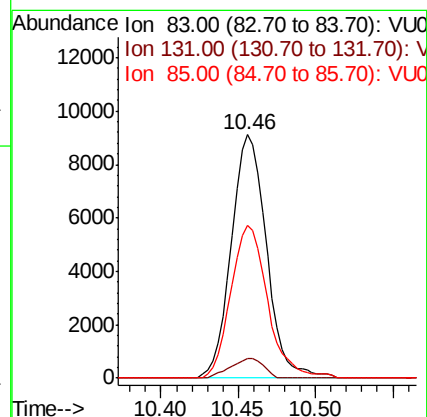
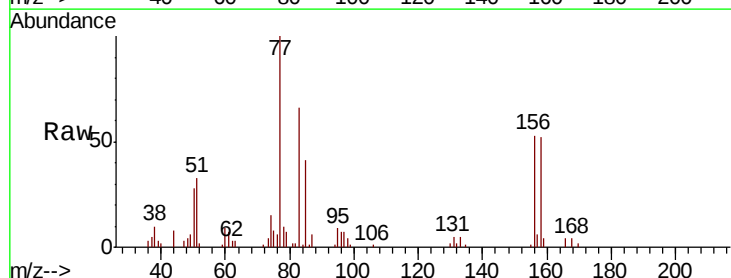
Tgt Ion: 83 Resp: 14374

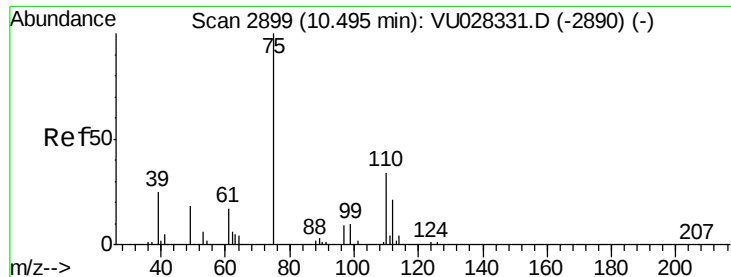
Ion Ratio Lower Upper

83 100

131 7.5 6.6 9.8

85 65.0 50.5 75.7

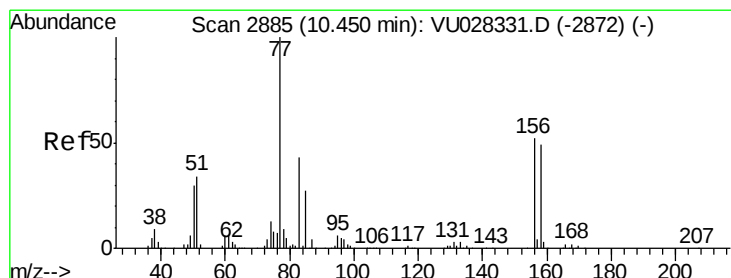
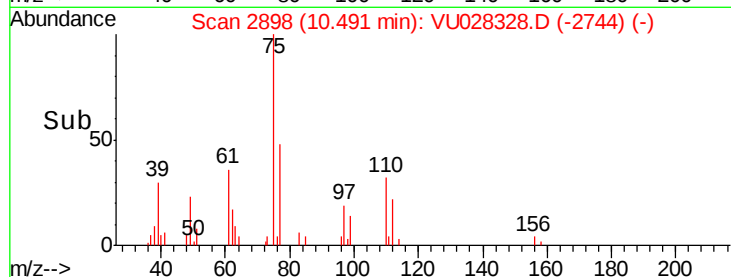
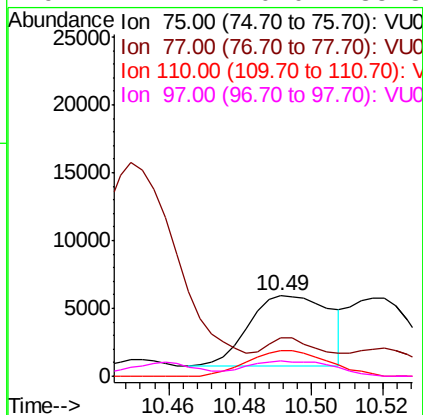
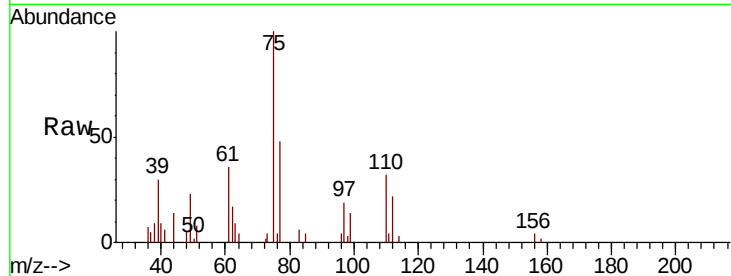




#71
1,2,3-Trichloropropane
Concen: 0.832 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

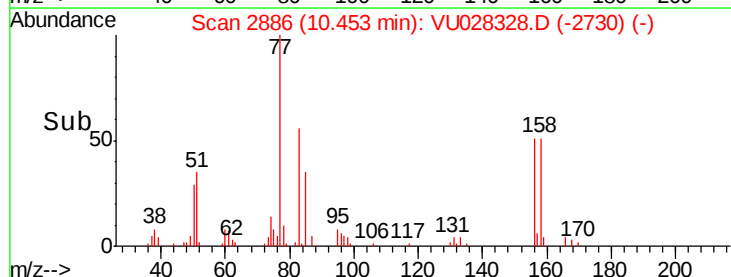
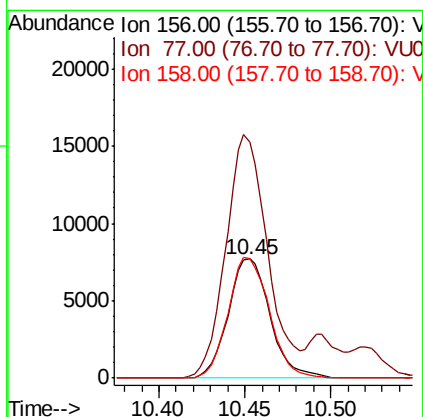
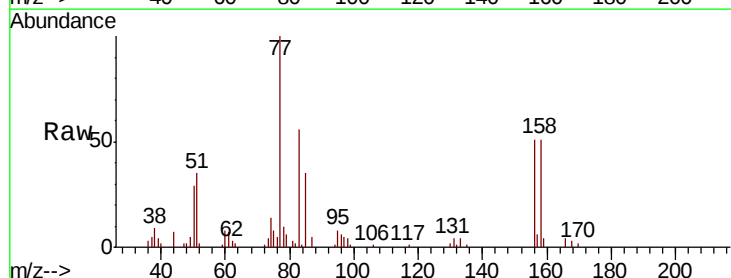
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

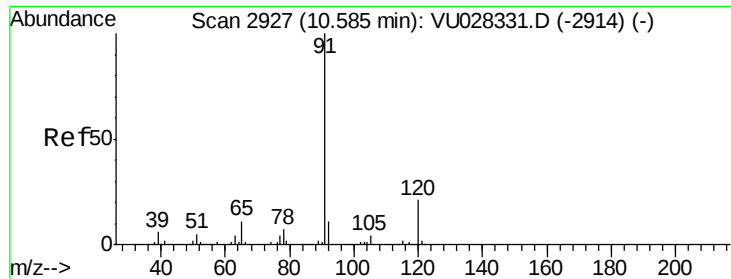
Tgt Ion:	75	Resp:	8285
Ion	Ratio	Lower	Upper
75	100		
77	14.3	0.0	0.0#
110	35.9	0.0	67.6
97	22.7	0.0	35.8



#72
Bromobenzene
Concen: 0.936 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion:	156	Resp:	13094
Ion	Ratio	Lower	Upper
156	100		
77	203.4	0.0	380.4
158	99.7	0.0	191.2

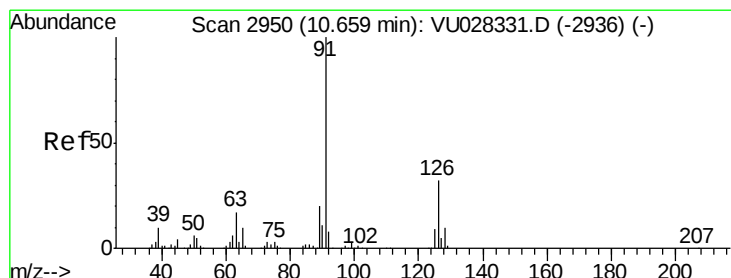
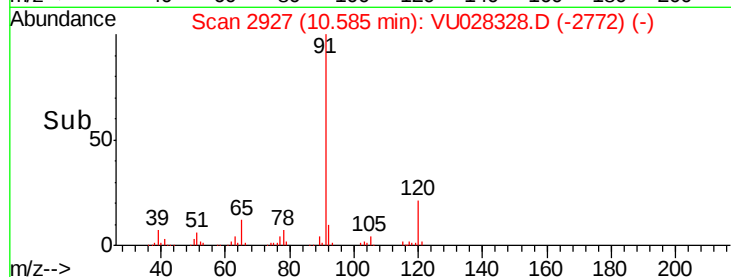
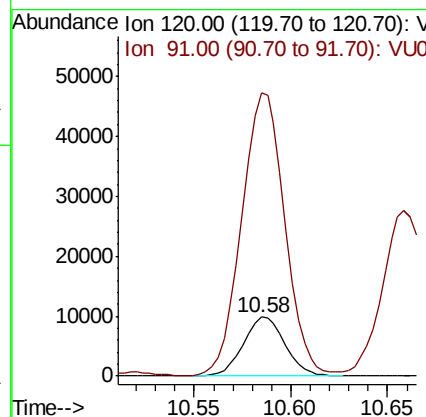
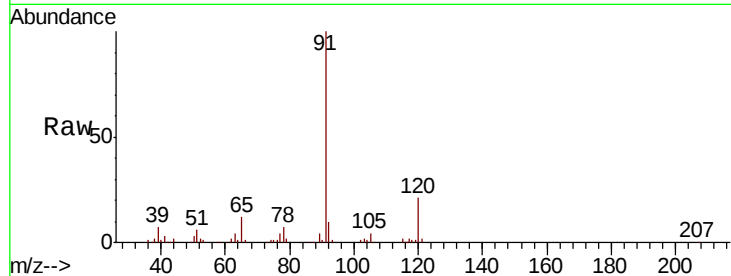




#73
n-propylbenzene
Concen: 0.908 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

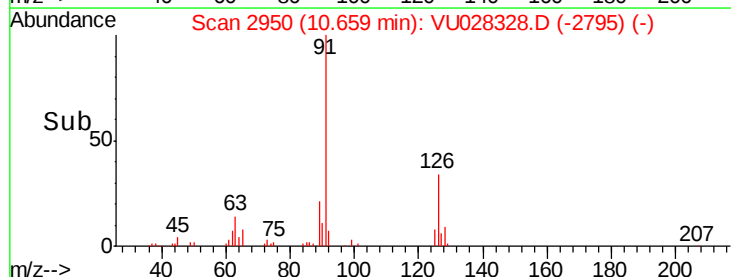
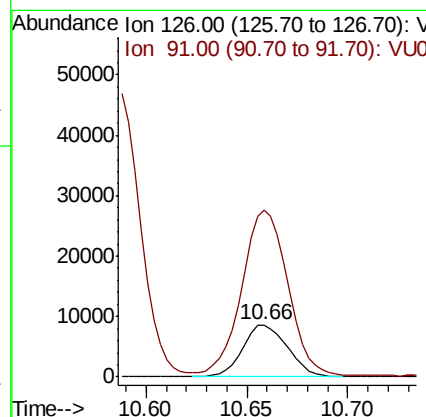
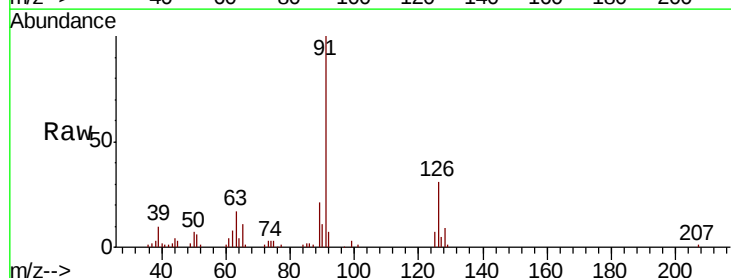
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

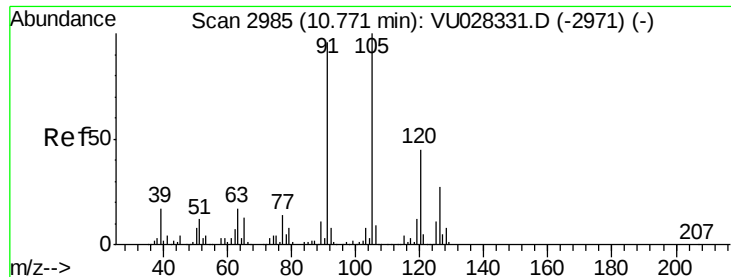
Tgt Ion:120 Resp: 14845
Ion Ratio Lower Upper
120 100
91 495.6 388.1 582.1



#74
2-Chlorotoluene
Concen: 0.940 ug/l
RT: 10.66 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion:126 Resp: 13459
Ion Ratio Lower Upper
126 100
91 324.1 0.0 661.0





#75

1,3,5-Trimethylbenzene

Concen: 0.904 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

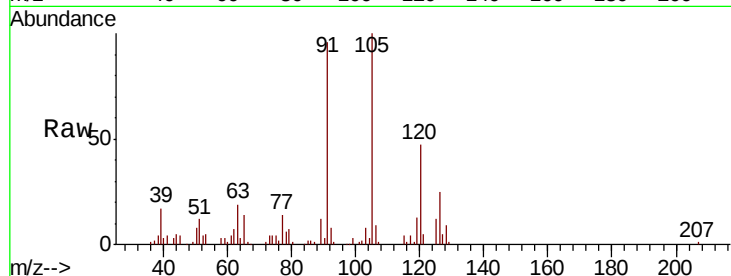
VSTDIC001

Tgt Ion:105 Resp: 47976

Ion Ratio Lower Upper

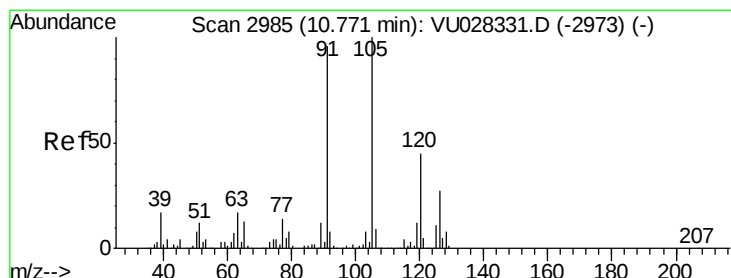
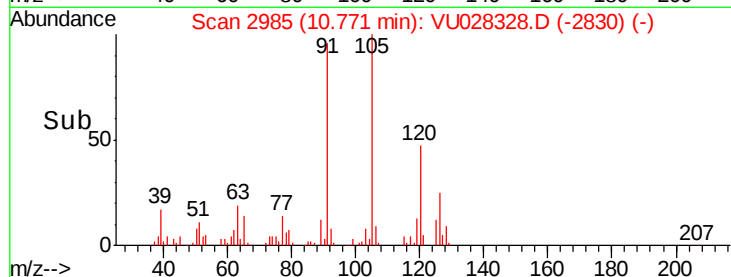
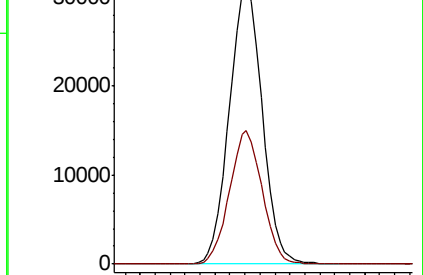
105 100

120 47.3 36.3 54.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 0.875 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028328.D

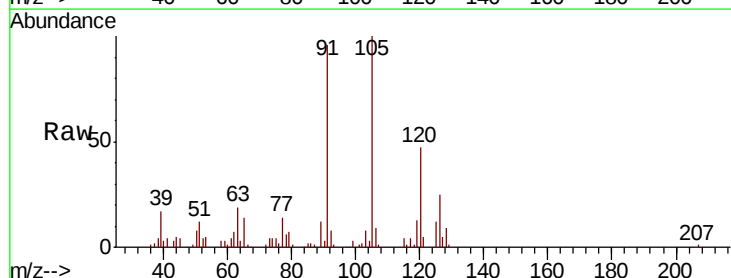
Acq: 26 Nov 2018 10:13

Tgt Ion:126 Resp: 12713

Ion Ratio Lower Upper

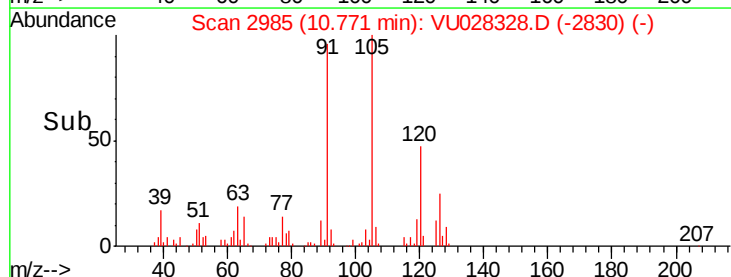
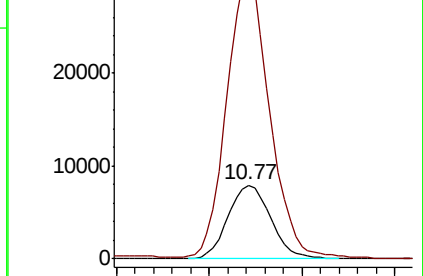
126 100

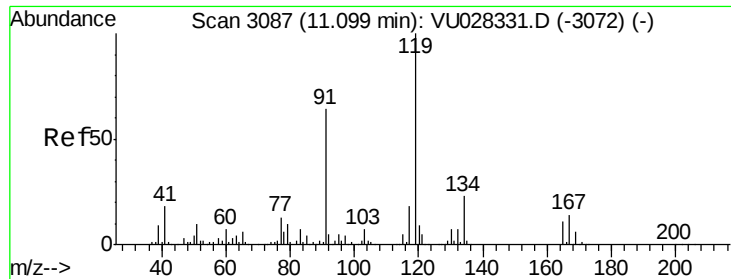
91 385.8 0.0 731.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

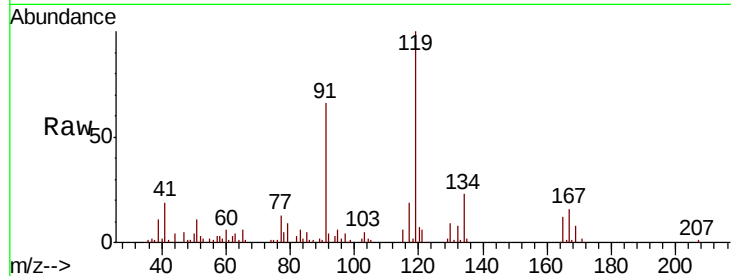




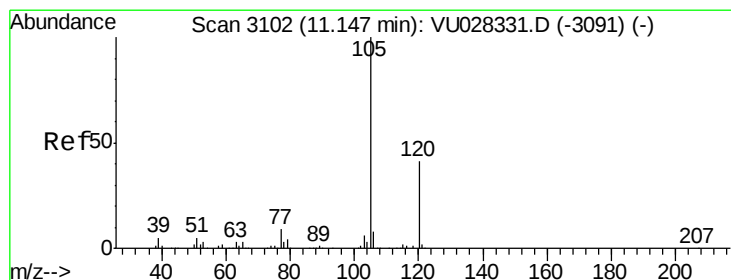
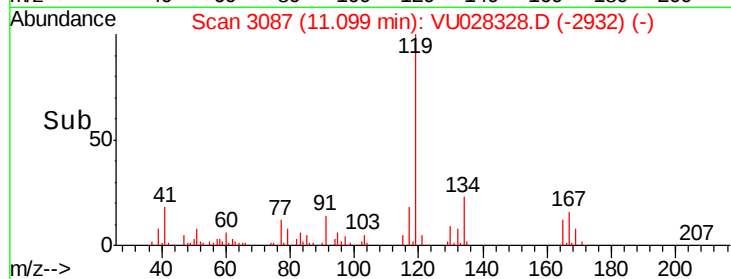
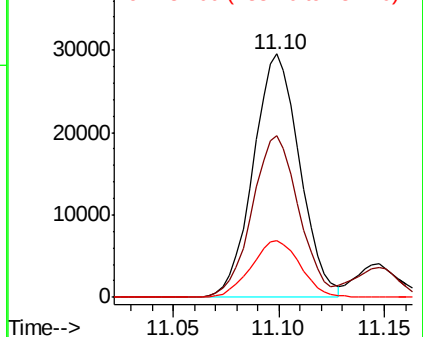
#77
 tert-Butylbenzene
 Concen: 0.906 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 45243
 Ion Ratio Lower Upper
 119 100
 91 66.6 32.0 96.0
 134 24.5 17.9 26.9

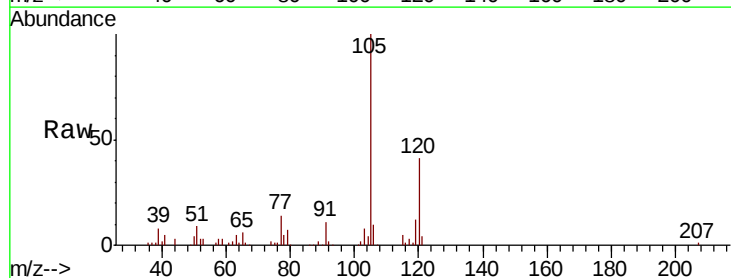


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

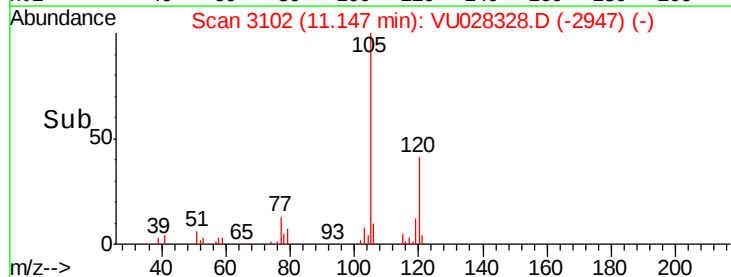
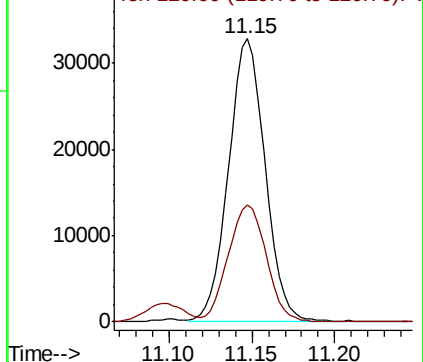


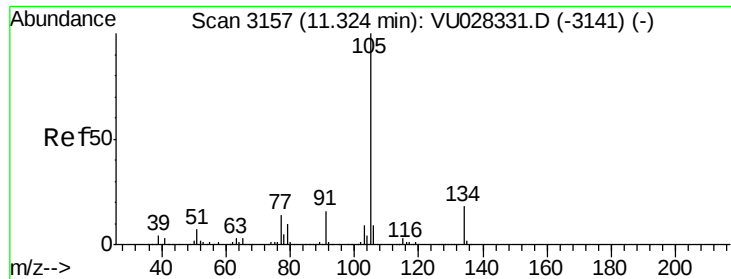
#78
 1,2,4-Trimethylbenzene
 Concen: 0.928 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion:105 Resp: 50466
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.9 65.8



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

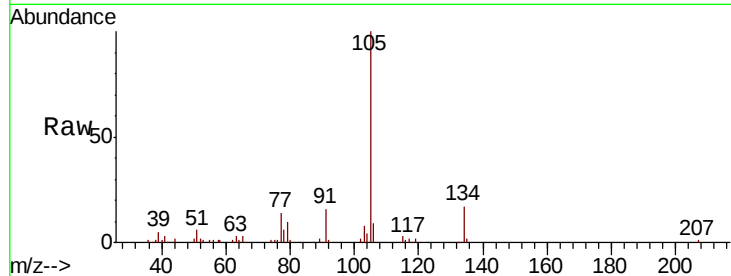




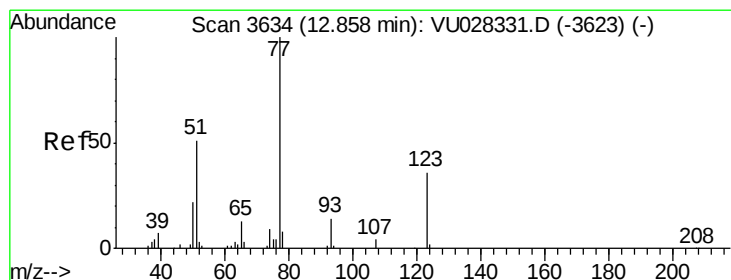
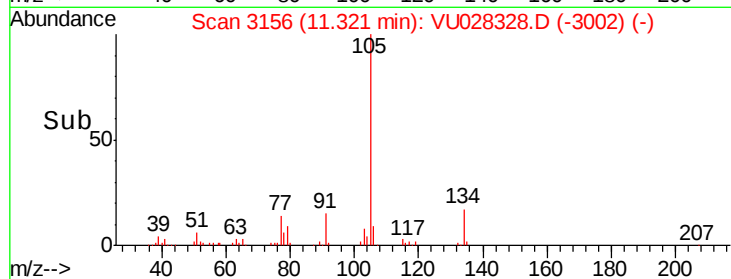
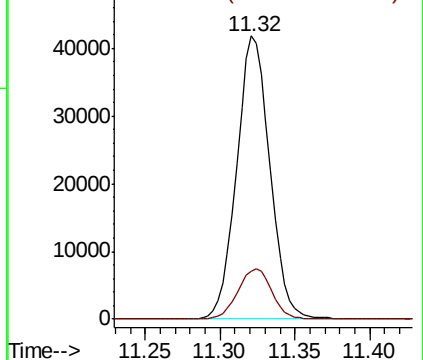
#79
 sec-Butylbenzene
 Concen: 0.926 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 105 Resp: 64452
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 22.0

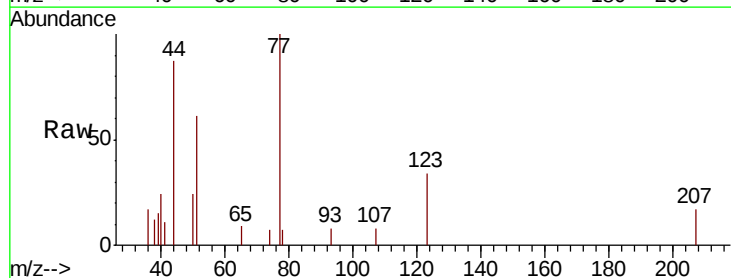


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

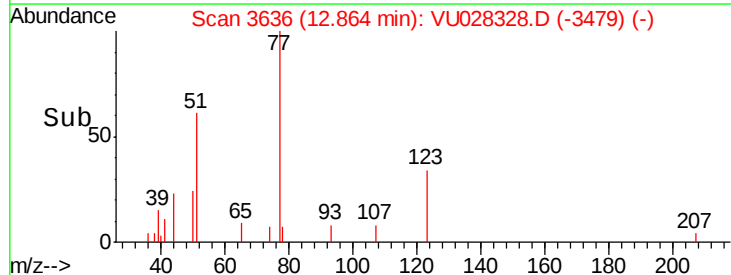
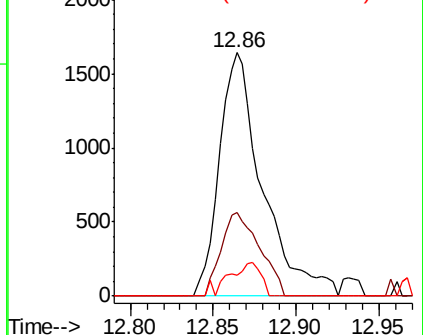


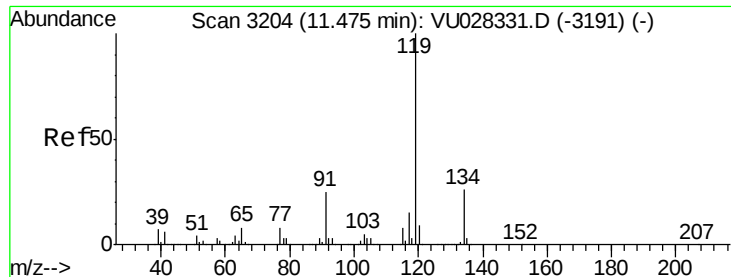
#80
 Nitrobenzene
 Concen: 4.554 ug/l
 RT: 12.86 min Scan# 3636
 Delta R.T. 0.01 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion: 77 Resp: 2965
 Ion Ratio Lower Upper
 77 100
 123 30.6 16.5 58.3
 65 10.2 12.1 15.3#



Abundance Ion 77.00 (76.70 to 77.70): VU0
 Ion 123.00 (122.70 to 123.70): V
 Ion 65.00 (64.70 to 65.70): VU0

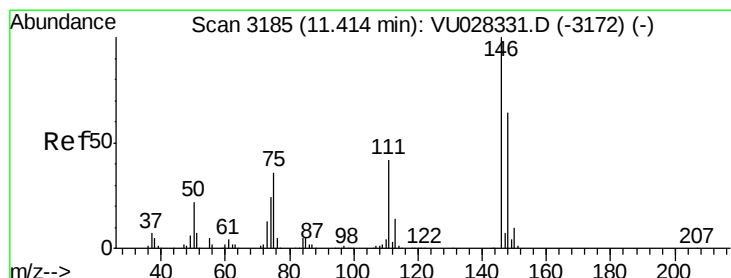
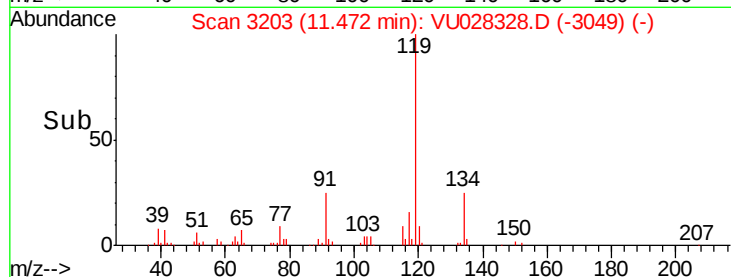
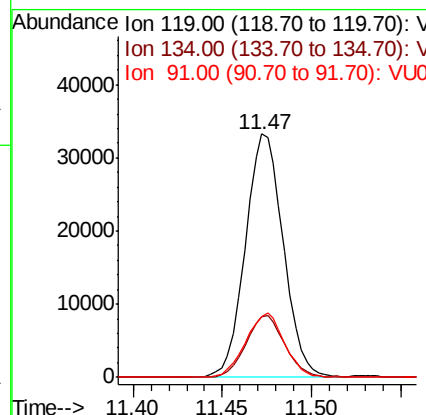
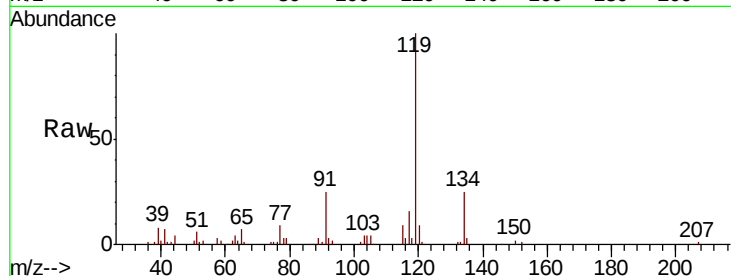




#81
 p-Isopropyltoluene
 Concen: 0.894 ug/l
 RT: 11.47 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

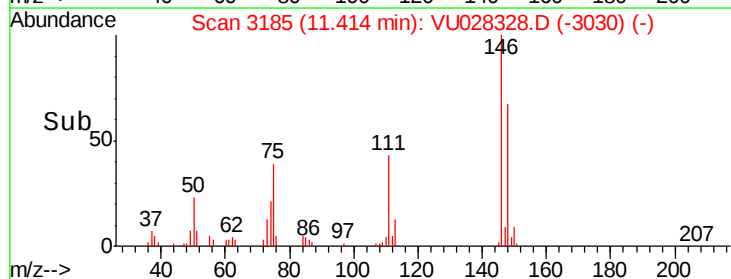
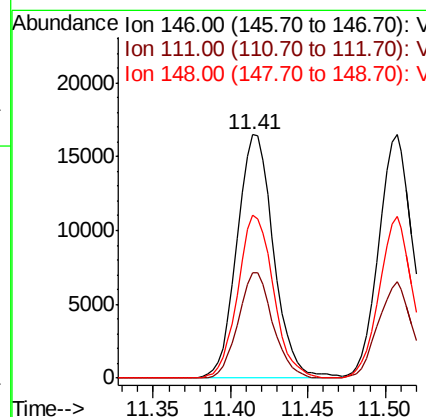
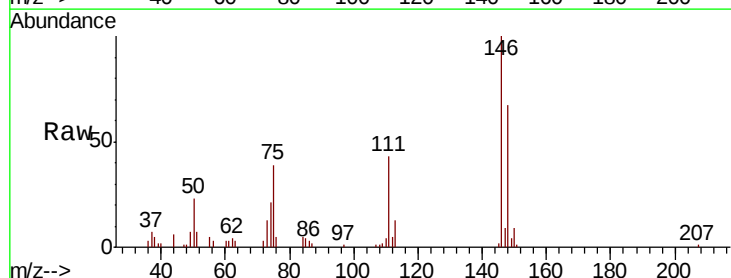
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

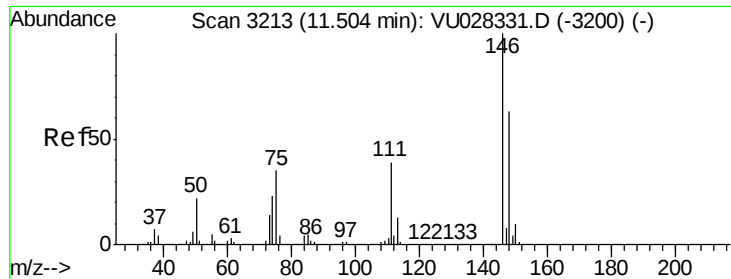
Tgt Ion:119 Resp: 49448
 Ion Ratio Lower Upper
 119 100
 134 25.9 20.3 30.5
 91 26.9 20.0 30.0



#82
 1,3-Dichlorobenzene
 Concen: 0.968 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion:146 Resp: 27133
 Ion Ratio Lower Upper
 146 100
 111 40.7 33.4 50.2
 148 65.1 51.2 76.8

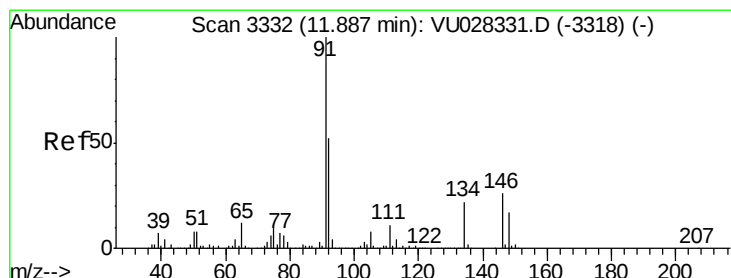
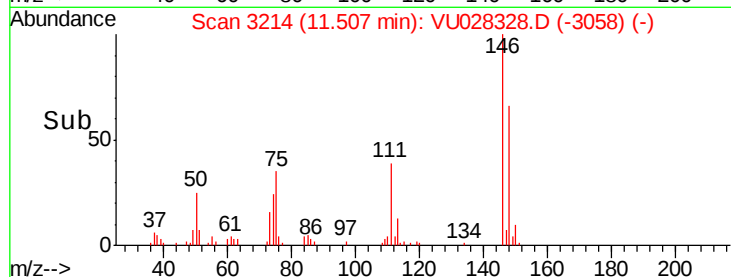
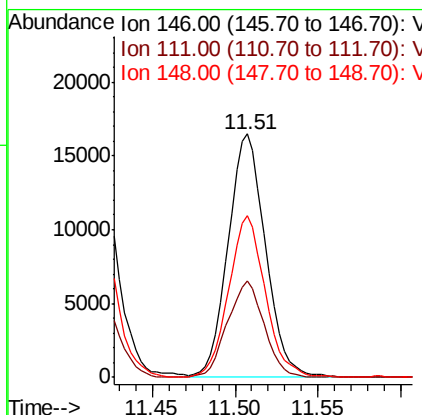
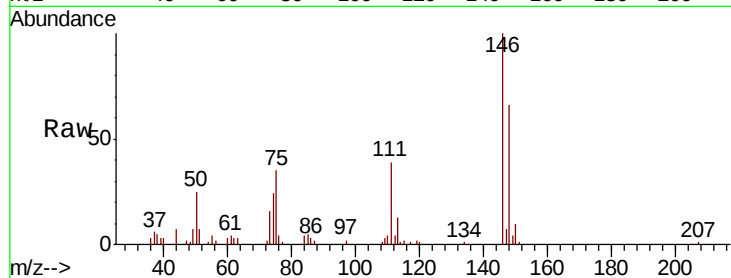




#83
 1,4-Dichlorobenzene
 Concen: 0.929 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

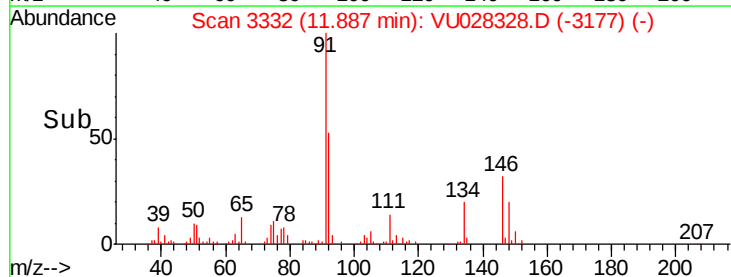
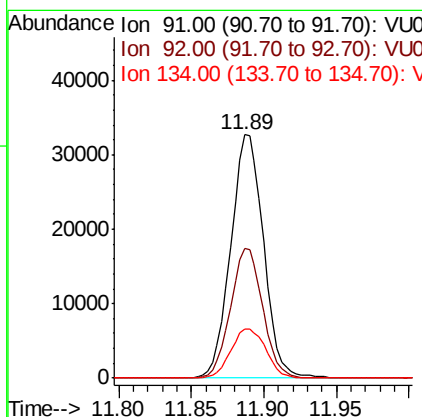
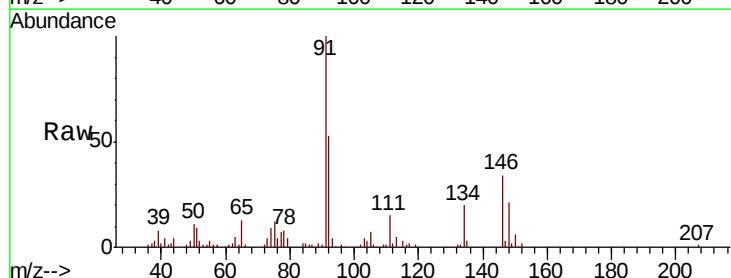
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

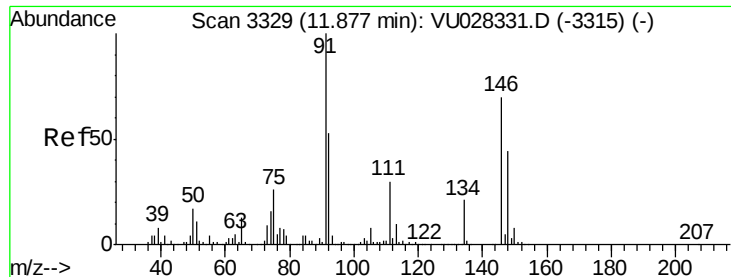
Tgt Ion: 146 Resp: 25904
 Ion Ratio Lower Upper
 146 100
 111 38.6 31.4 47.2
 148 64.8 50.7 76.1



#84
 n-Butylbenzene
 Concen: 0.883 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion: 91 Resp: 51265
 Ion Ratio Lower Upper
 91 100
 92 52.1 41.6 62.4
 134 21.4 17.8 26.6





#85

1,2-Dichlorobenzene

Concen: 0.964 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

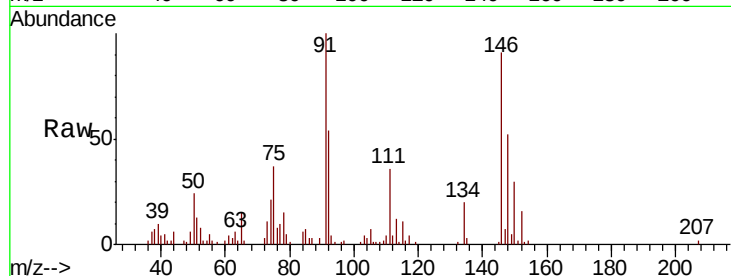
Tgt Ion:146 Resp: 25720

Ion Ratio Lower Upper

146 100

111 43.0 21.4 64.3

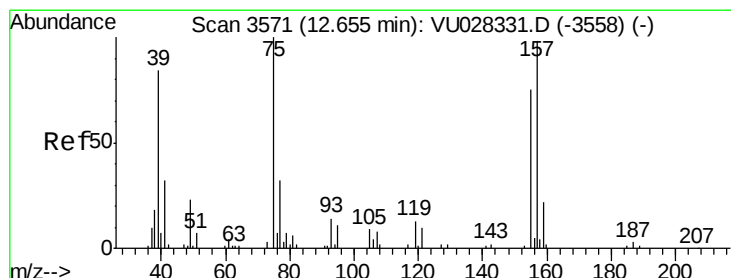
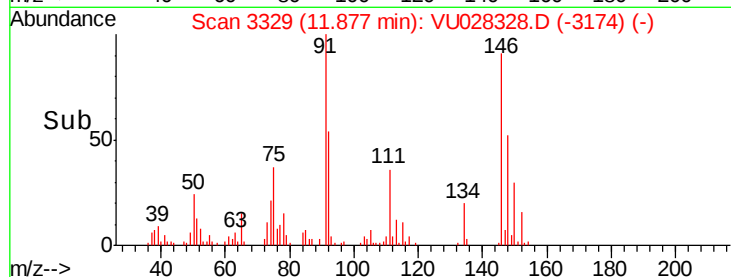
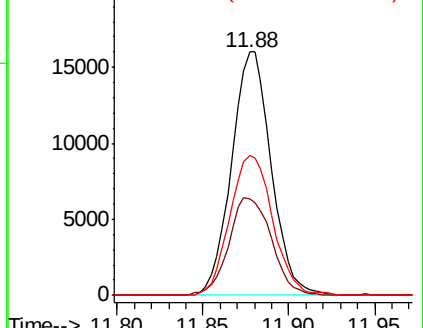
148 62.3 31.4 94.2



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: 1.032 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU028328.D

Acq: 26 Nov 2018 10:13

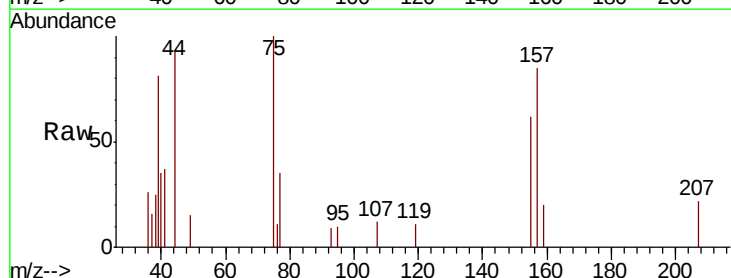
Tgt Ion: 75 Resp: 2400

Ion Ratio Lower Upper

75 100

155 63.2 57.0 85.4

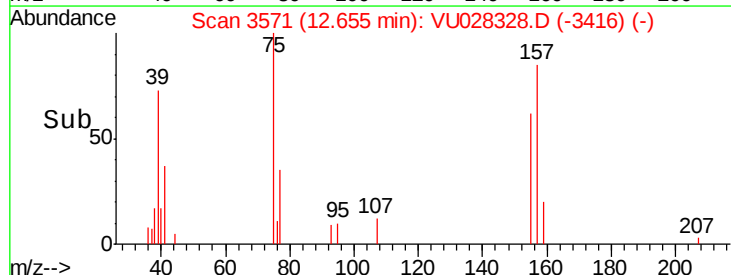
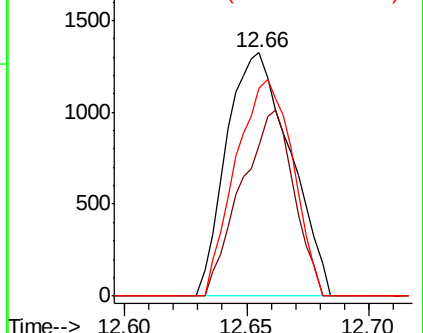
157 79.8 75.4 113.2

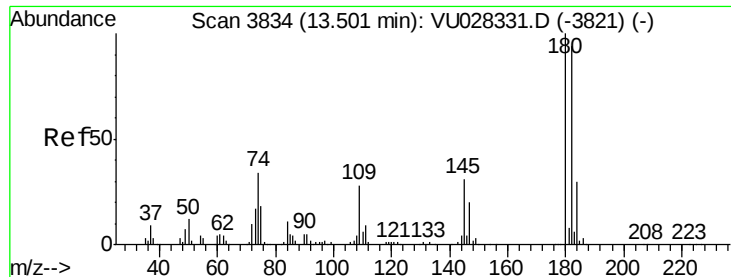


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

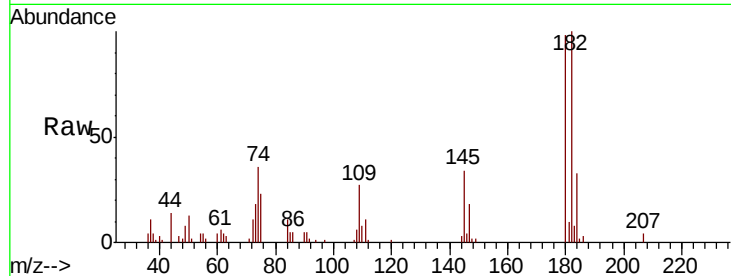




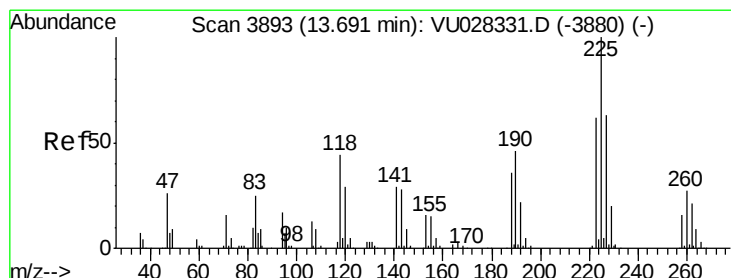
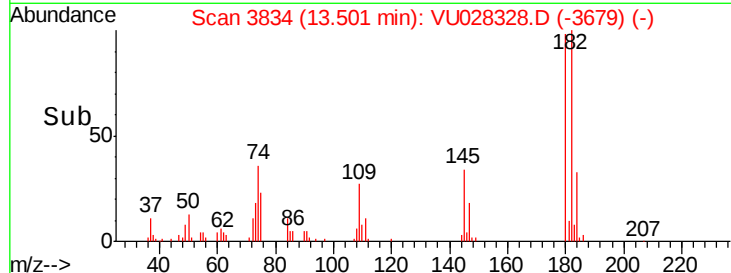
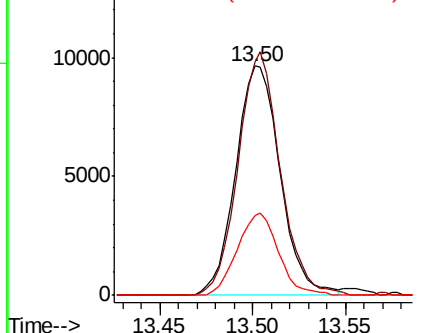
#87
 1,2,4-Trichlorobenzene
 Concen: 0.860 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 16130
 Ion Ratio Lower Upper
 180 100
 182 100.4 75.6 113.4
 145 33.1 24.4 36.6

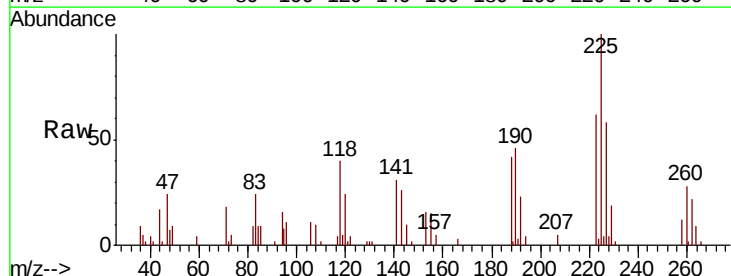


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

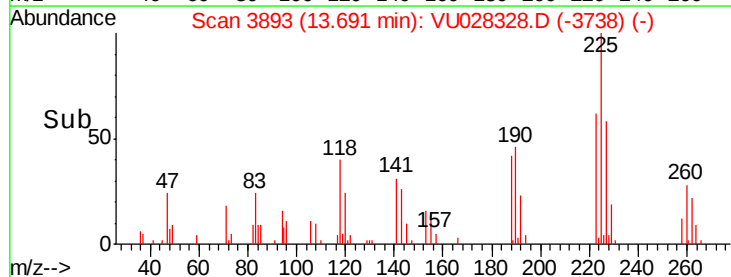
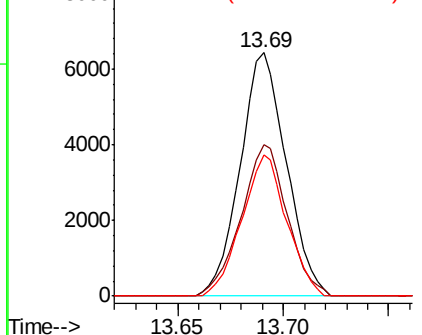


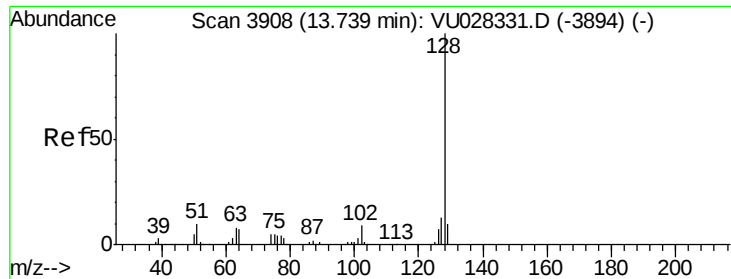
#88
 Hexachlorobutadiene
 Concen: 0.963 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU028328.D
 Acq: 26 Nov 2018 10:13

Tgt Ion:225 Resp: 9770
 Ion Ratio Lower Upper
 225 100
 223 62.5 50.6 76.0
 227 56.5 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

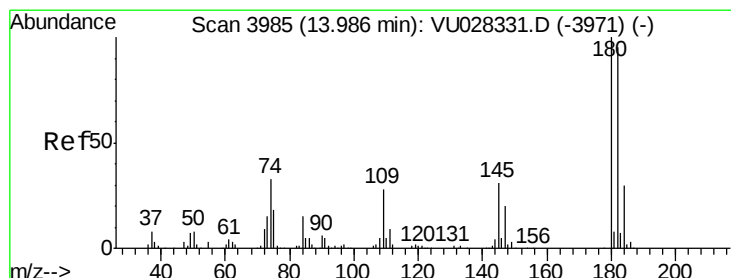
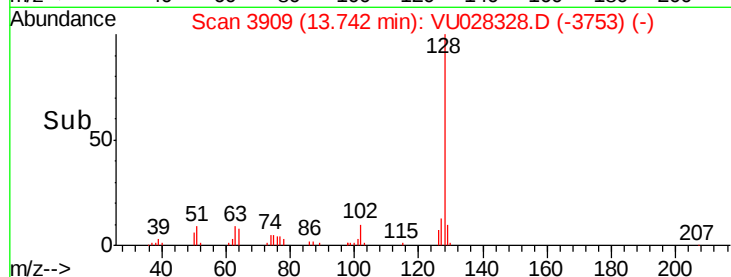
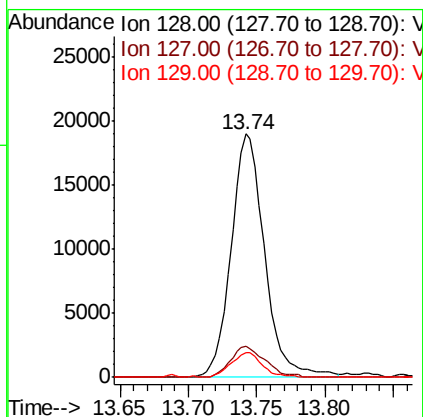
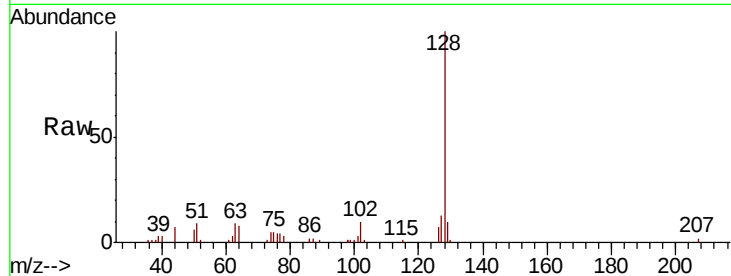




#89
Naphthalene
Concen: 0.876 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 32455
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 9.4 8.2 12.4



#90
1,2,3-Trichlorobenzene
Concen: 0.901 ug/l
RT: 13.98 min Scan# 3984
Delta R.T. -0.00 min
Lab File: VU028328.D
Acq: 26 Nov 2018 10:13

Tgt Ion:180 Resp: 15926
Ion Ratio Lower Upper
180 100
182 97.7 76.1 114.1
145 31.9 26.0 39.0

