

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082018\
 Data File : VU026201.D
 Acq On : 20 Aug 2018 12:00
 Operator : MD/SY
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Quant Time: Aug 20 13:08:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.75	96	33413	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	11756	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	14485	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	27122	2.276	ug/l	100
3) Chloromethane	1.33	50	22392	1.988	ug/l	95
4) Vinyl Chloride	1.40	62	22716	2.179	ug/l	95
5) Bromomethane	1.63	94	12381	2.438	ug/l	95
6) Chloroethane	1.70	64	13116	2.096	ug/l	100
7) Trichlorofluoromethane	1.89	101	34468	2.267	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	18991	2.275	ug/l	98
9) 1,1-Dichloroethene	2.29	96	16346	2.219	ug/l	98
10) Iodomethane	2.41	142	22776	3.747	ug/l	93
11) Allyl Chloride	2.60	41	27232	2.211	ug/l	89
12) Acrylonitrile	2.94	53	7545	4.646	ug/l	98
13) Acetone	2.32	43	14894	10.546	ug/l	98
14) Carbon Disulfide	2.48	76	55038	2.184	ug/l	98
15) Methylene Chloride	2.70	84	19253	2.192	ug/l	94
16) trans-1,2-Dichloroethene	2.99	96	17980	2.177	ug/l	94
17) 1,1-Dichloroethane	3.45	63	34824	2.126	ug/l	100
18) 2-Butanone	4.28	43	25320	10.331	ug/l	97
19) Cyclohexane	5.00	56	24115	1.909	ug/l #	85
20) Methylcyclohexane	6.42	83	27408	1.769	ug/l	99
21) 2,2-Dichloropropane	4.23	77	35240	2.256	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	21804	2.097	ug/l	94
23) Diethyl Ether	2.10	59	11953	2.142	ug/l	97
24) tert-Butyl Alcohol	2.84	59	12806	19.539	ug/l #	77
25) Methyl tert-Butyl Ether	3.00	73	42828	2.150	ug/l	93
26) Bromochloromethane	4.55	128	9898	2.161	ug/l	85
27) Chloroform	4.68	83	39843	2.213	ug/l	99
28) 1,1,1-Trichloroethane	4.92	97	34903	2.150	ug/l	97
29) 1,1-Dichloropropene	5.14	75	27175	2.041	ug/l	98
30) Carbon Tetrachloride	5.14	117	32519	2.206	ug/l	97
31) Isopropyl Ether	3.58	45	56334	2.146	ug/l	90
32) Ethyl-t-butyl ether	4.08	59	47158	1.891	ug/l	93
33) Tert-Amyl methyl ether	5.59	73	40255	1.828	ug/l	99
34) Propionitrile	4.33	54	7507	11.024	ug/l #	91
35) Benzene	5.39	78	79857	2.145	ug/l	100
36) 1,2-Dichloroethane	5.41	62	24733	2.164	ug/l	99
37) Trichloroethene	6.19	130	22428	2.045	ug/l	94
38) 1,2-Dichloropropane	6.44	63	20810	2.154	ug/l	99
39) Methacrylonitrile	4.55	41	6142	1.959	ug/l	91
40) Methyl acrylate	4.44	55	9613	2.033	ug/l #	97
41) Tetrahydrofuran	4.65	42	6751	3.645	ug/l	95
42) 1-Chlorobutane	5.07	56	35518	1.957	ug/l	94

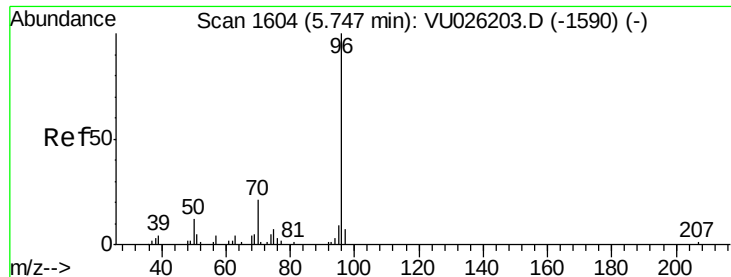
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082018\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	10883	2.158	ug/l	97
44) Bromodichloromethane	6.76	83	28674	2.244	ug/l	98
45) 4-Methyl-2-Pentanone	7.47	43	55158	9.809	ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	23602	10.627	ug/l #	42
47) Methyl methacrylate	6.63	69	16432	3.897	ug/l	97
48) Ethyl methacrylate	8.02	69	14500	1.712	ug/l	100
49) Toluene	7.64	92	45111	1.983	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	23760	2.060	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	26505	1.918	ug/l	95
52) 1,1,2-Trichloroethane	8.07	97	14696	2.174	ug/l	93
53) 1,3-Dichloropropane	8.25	76	24919	2.183	ug/l	99
54) 2-Hexanone	8.37	43	38272	9.637	ug/l	95
55) Dibromochloromethane	8.48	129	20584	2.395	ug/l	97
56) 1,2-Dibromoethane	8.59	107	14360	2.195	ug/l	99
58) Tetrachloroethene	8.23	164	21688	2.200	ug/l	93
59) Chlorobenzene	9.12	112	52281	1.999	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	20793	2.141	ug/l	96
61) Pentachloroethane	11.10	117	18398	2.482	ug/l	92
62) Hexachloroethane	12.15	117	18185	2.402	ug/l	90
63) Ethyl Benzene	9.25	91	77333	1.777	ug/l	99
64) m/p-Xylenes	9.38	106	63485	3.712	ug/l	99
65) o-Xylene	9.78	106	30840	1.892	ug/l	95
66) Styrene	9.80	104	52077	1.881	ug/l	99
67) Bromoform	9.96	173	11502	2.268	ug/l #	94
69) Isopropylbenzene	10.17	105	78835	1.790	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	19007	2.238	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	23602	3.565	ug/l #	74
72) Bromobenzene	10.45	156	23400	2.046	ug/l	97
73) n-propylbenzene	10.59	120	23254	1.874	ug/l	95
74) 2-Chlorotoluene	10.66	126	22335	2.044	ug/l	89
75) 1,3,5-Trimethylbenzene	10.77	105	71311	1.854	ug/l	99
76) 4-Chlorotoluene	10.78	126	22749	1.981	ug/l	96
77) tert-Butylbenzene	11.10	119	71325	1.881	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	74411	1.896	ug/l	99
79) sec-Butylbenzene	11.33	105	95399	1.914	ug/l	100
80) Nitrobenzene	12.86	77	3860	14.929	ug/l #	94
81) p-Isopropyltoluene	11.48	119	79505	1.882	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	49532	2.106	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	48802	2.128	ug/l	98
84) n-Butylbenzene	11.89	91	77261	1.949	ug/l	95
85) 1,2-Dichlorobenzene	11.88	146	45288	2.109	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3239	2.311	ug/l	98
87) 1,2,4-Trichlorobenzene	13.51	180	30927	2.068	ug/l	96
88) Hexachlorobutadiene	13.70	225	19108	2.080	ug/l	97
89) Naphthalene	13.74	128	45210	1.863	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	28399	2.078	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 96 Resp: 33413

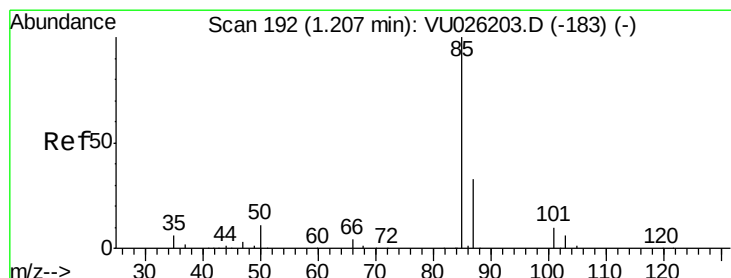
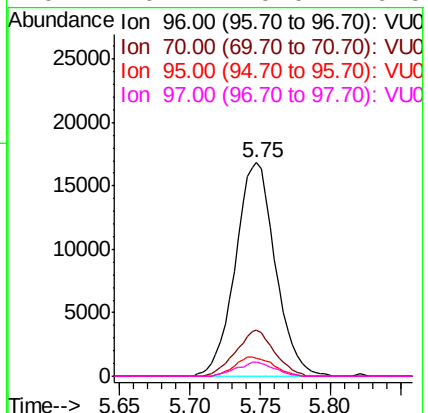
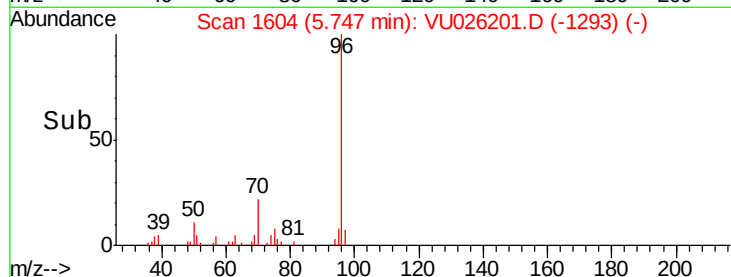
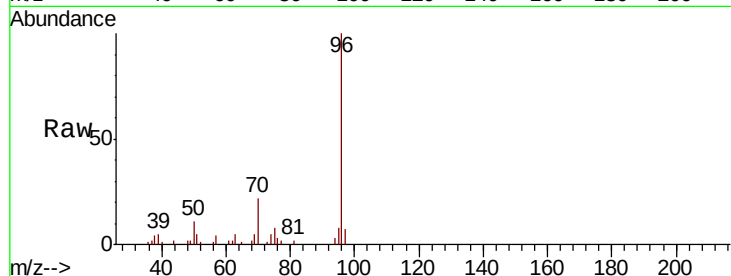
Ion Ratio Lower Upper

96 100

70 20.7 16.2 24.4

95 8.8 6.9 10.3

97 6.1 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 2.276 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU026201.D

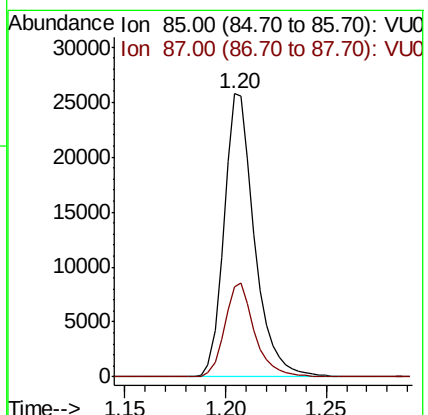
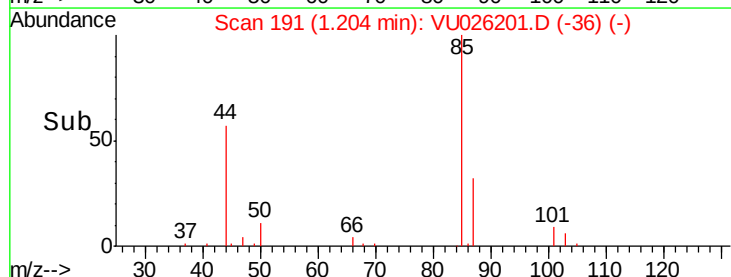
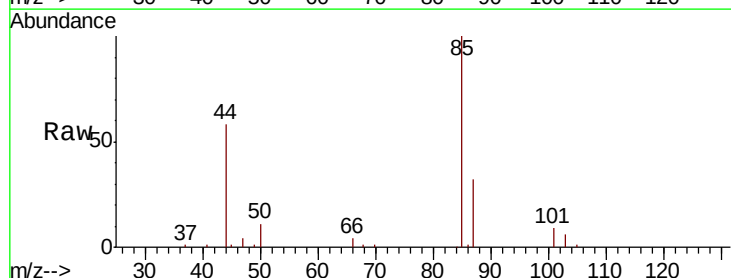
Acq: 20 Aug 2018 12:00

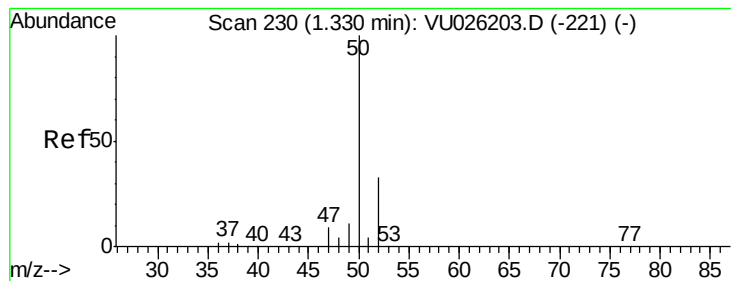
Tgt Ion: 85 Resp: 27122

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5





#3

Chloromethane

Concen: 1.988 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

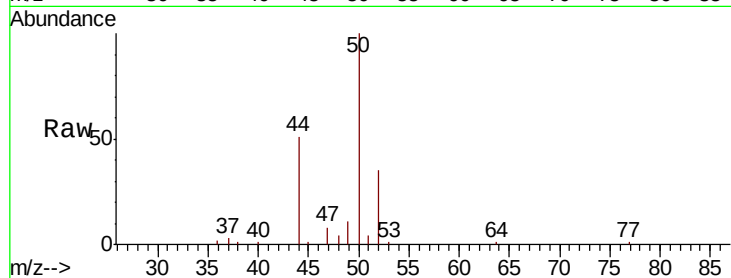
VSTDIC002

Tgt Ion: 50 Resp: 22392

Ion Ratio Lower Upper

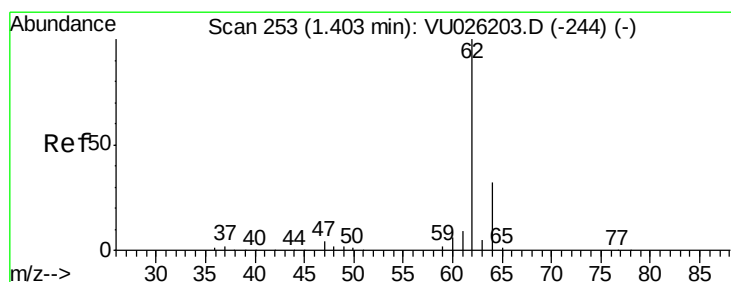
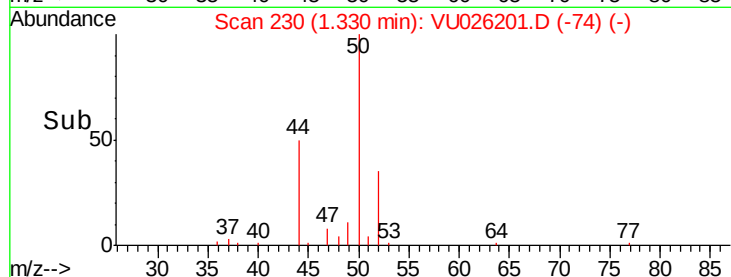
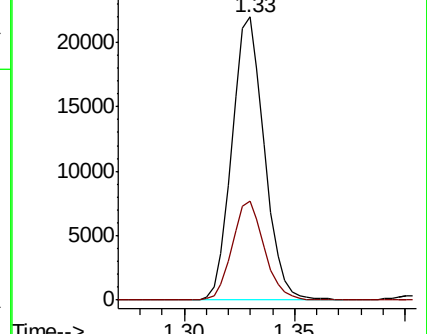
50 100

52 35.1 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 2.179 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU026201.D

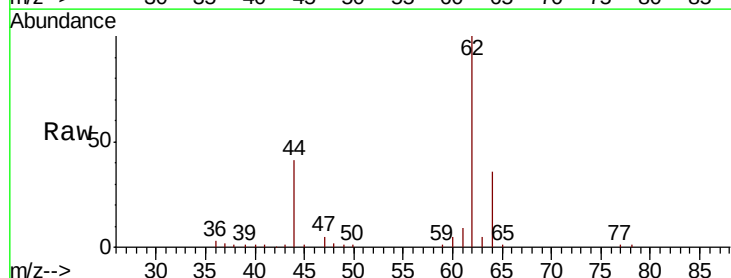
Acq: 20 Aug 2018 12:00

Tgt Ion: 62 Resp: 22716

Ion Ratio Lower Upper

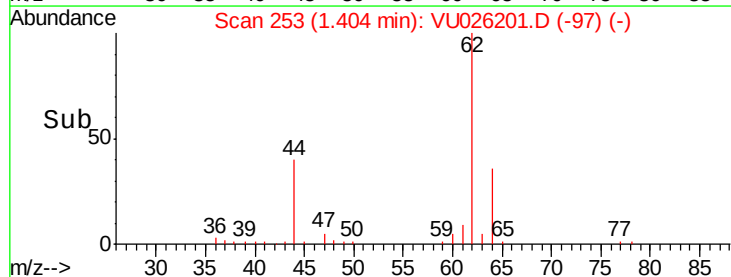
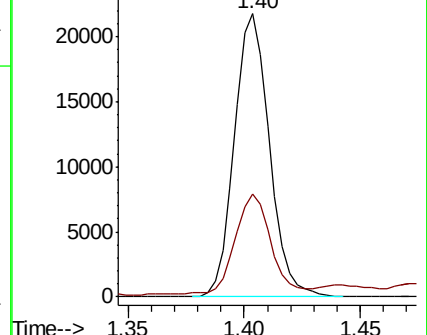
62 100

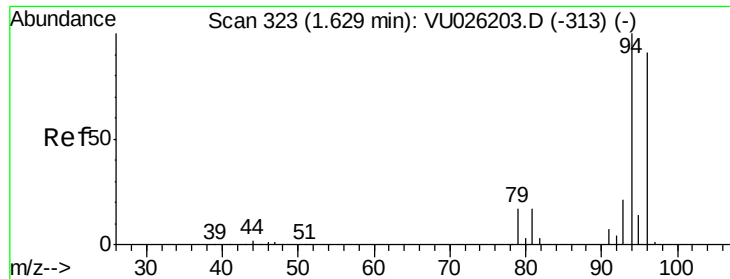
64 34.9 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 2.438 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

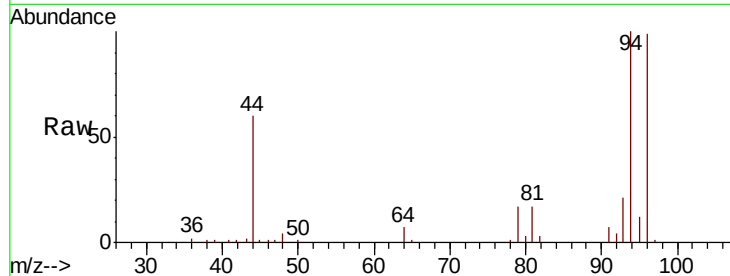
VSTDIC002

Tgt Ion: 94 Resp: 12381

Ion Ratio Lower Upper

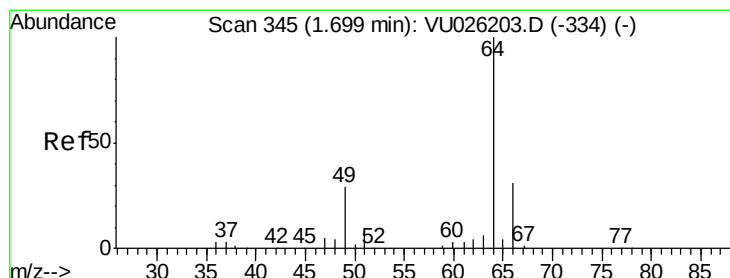
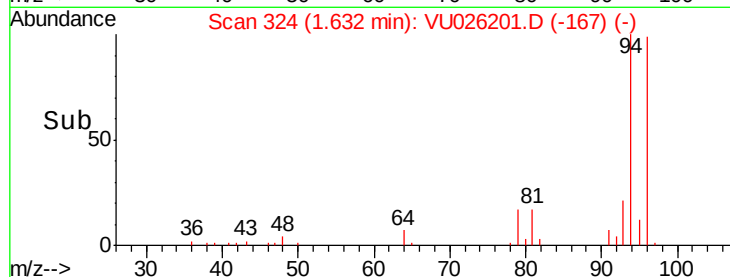
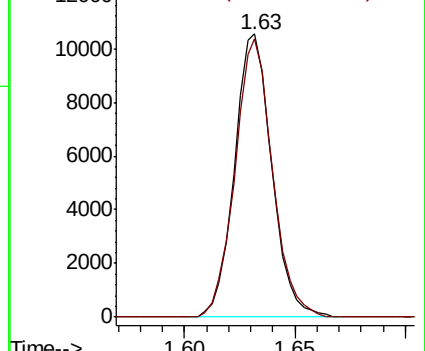
94 100

96 98.5 75.1 112.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 2.096 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU026201.D

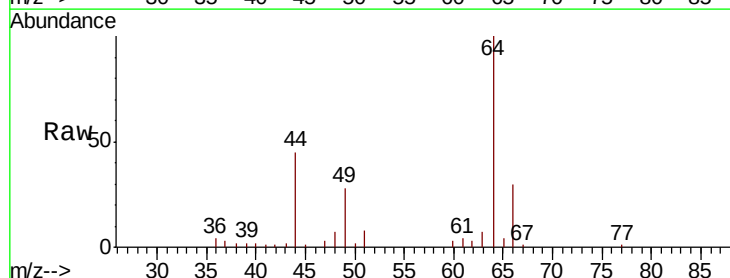
Acq: 20 Aug 2018 12:00

Tgt Ion: 64 Resp: 13116

Ion Ratio Lower Upper

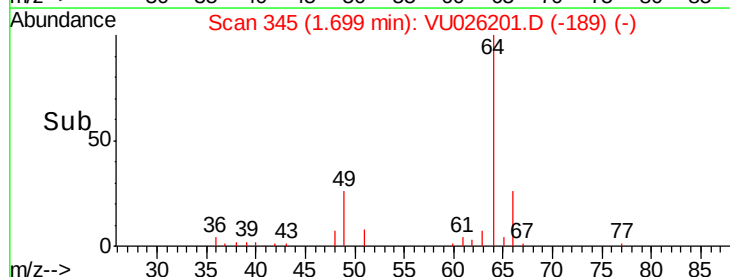
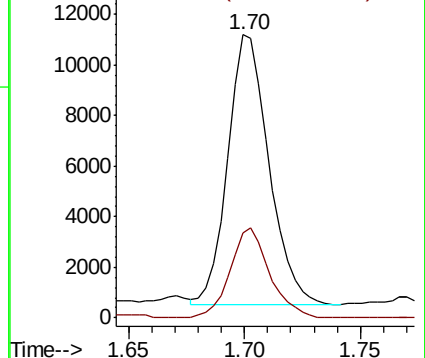
64 100

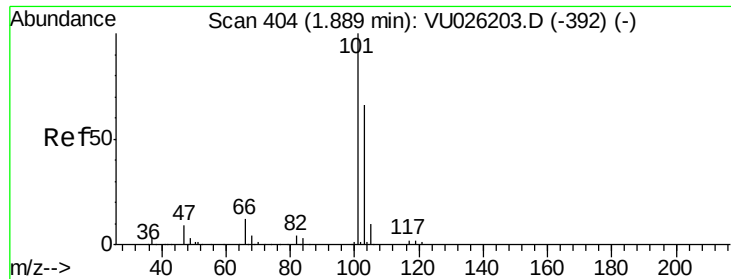
66 31.4 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

Trichlorofluoromethane

Concen: 2.267 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

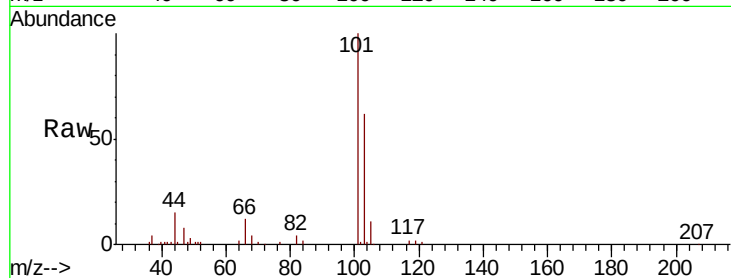
VSTDIC002

Tgt Ion:101 Resp: 34468

Ion Ratio Lower Upper

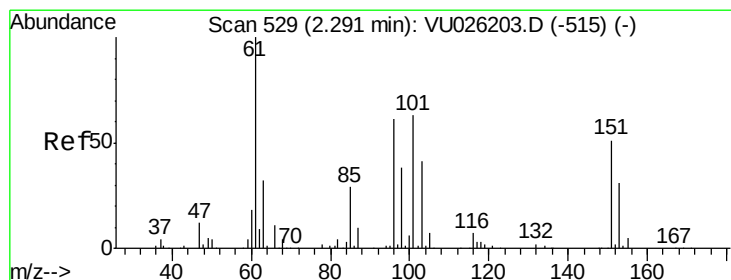
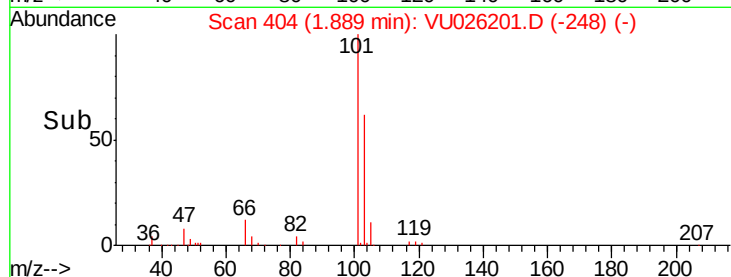
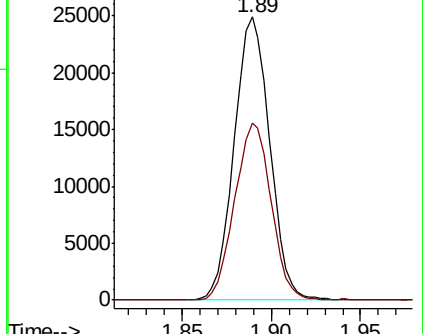
101 100

103 62.5 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.275 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

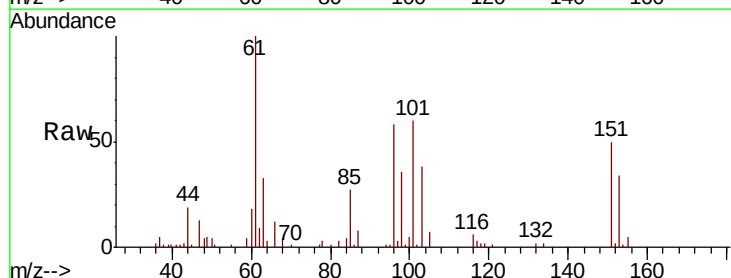
Tgt Ion:101 Resp: 18991

Ion Ratio Lower Upper

101 100

85 44.8 35.2 52.8

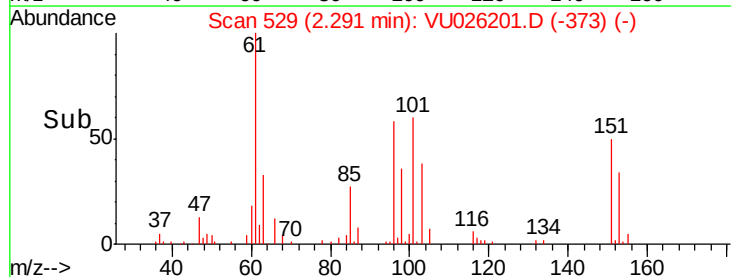
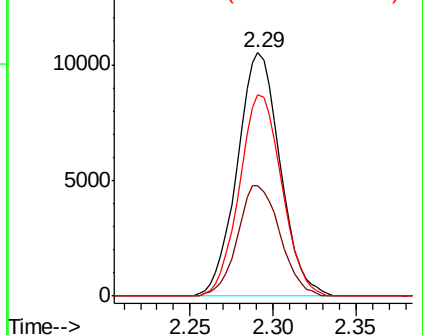
151 81.7 63.5 95.3

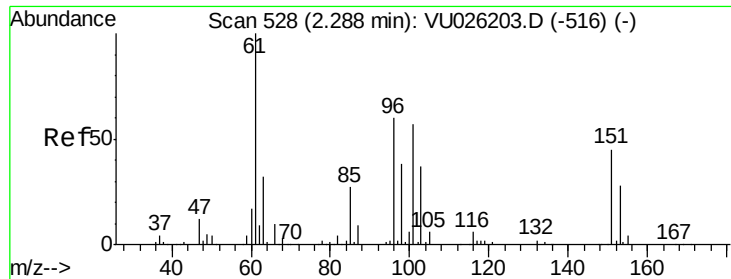


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 2.219 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

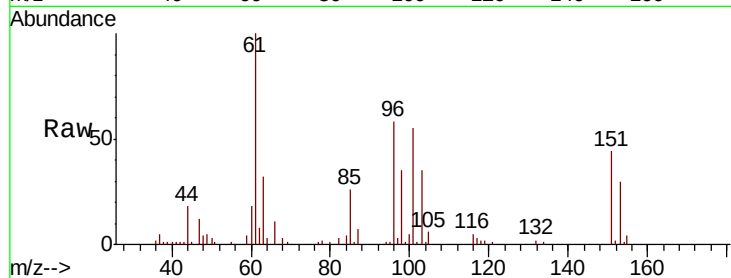
Tgt Ion: 96 Resp: 16346

Ion Ratio Lower Upper

96 100

61 173.0 0.0 526.5

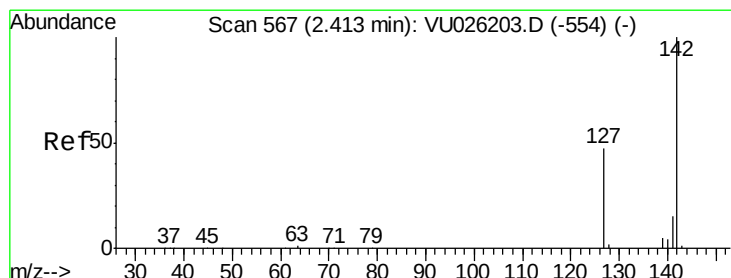
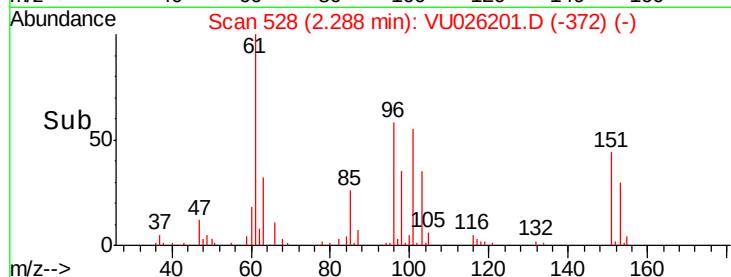
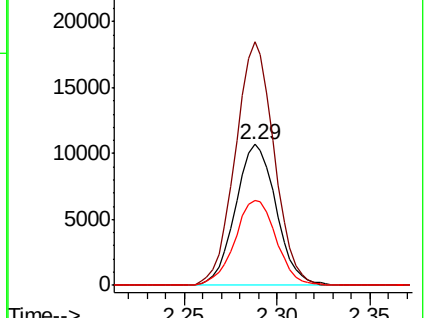
98 60.4 0.0 123.4



Abundance Ion 96.00 (95.70 to 96.70): VU026201.D (-372) (-)

Ion 61.00 (60.70 to 61.70): VU026201.D (-372) (-)

Ion 98.00 (97.70 to 98.70): VU026201.D (-372) (-)



#10

Iodomethane

Concen: 3.747 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU026201.D

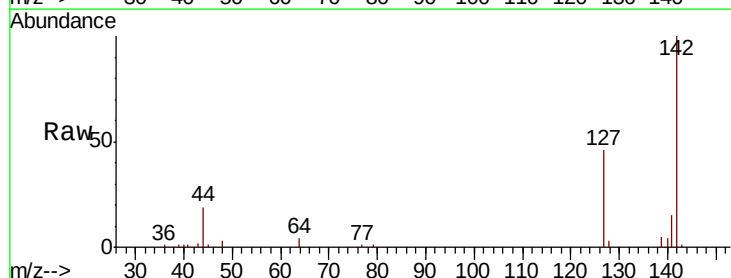
Acq: 20 Aug 2018 12:00

Tgt Ion: 142 Resp: 22776

Ion Ratio Lower Upper

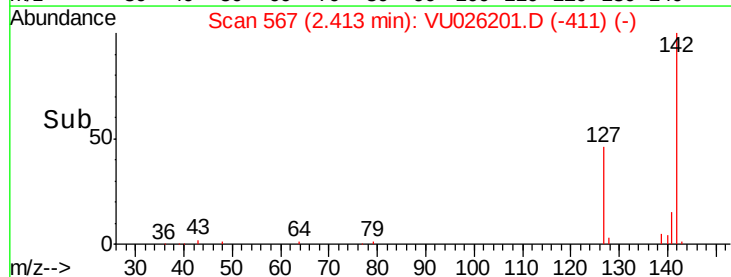
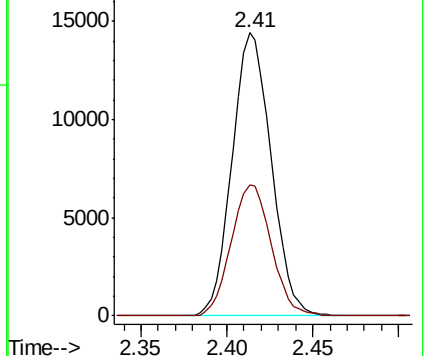
142 100

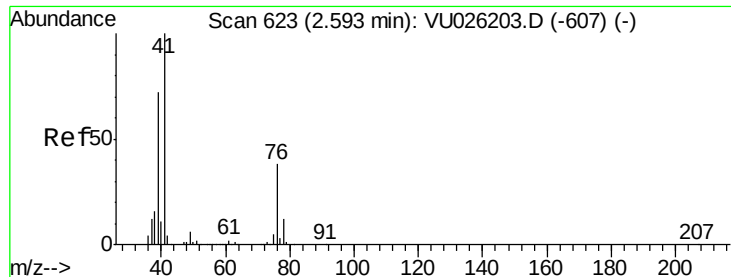
127 47.4 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): VU026201.D (-411) (-)

Ion 127.00 (126.70 to 127.70): VU026201.D (-411) (-)

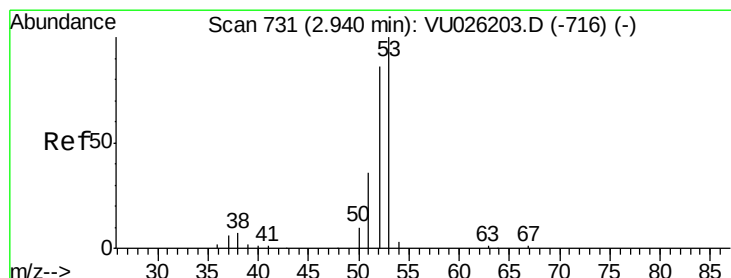
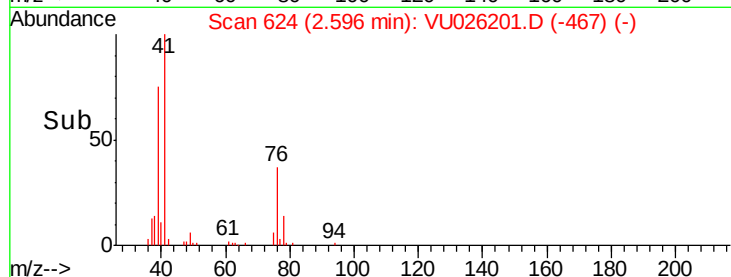
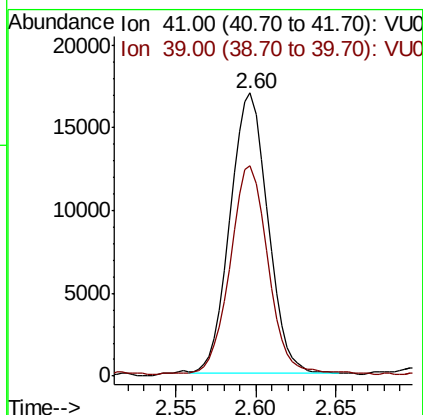
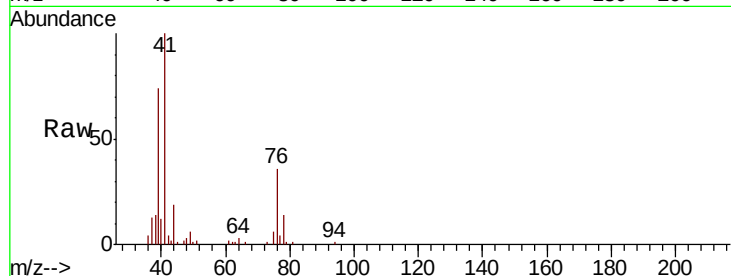




#11
 Allyl Chloride
 Concen: 2.211 ug/l
 RT: 2.60 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

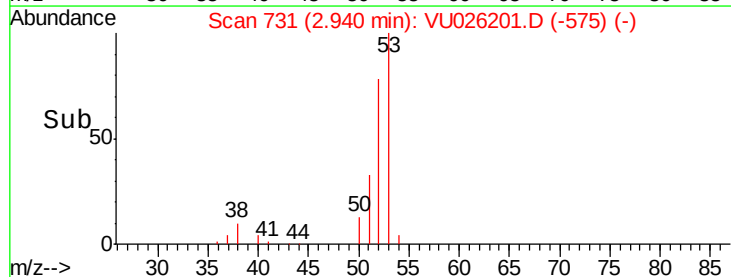
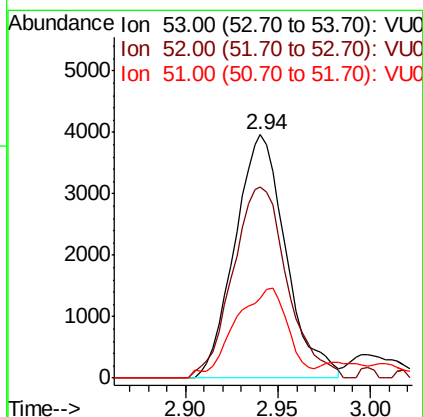
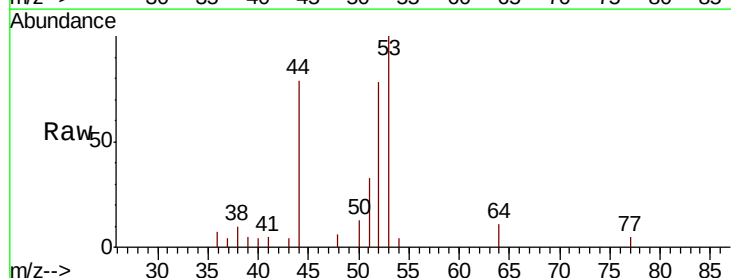
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

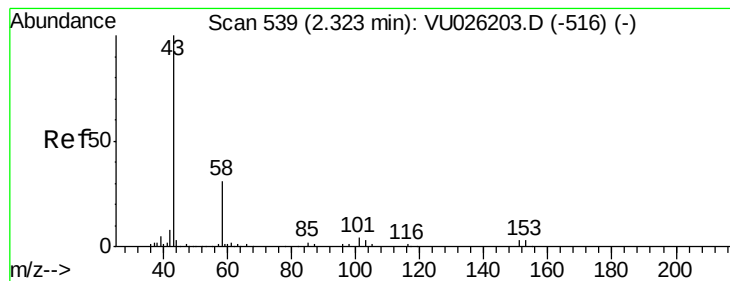
Tgt Ion: 41 Resp: 27232
 Ion Ratio Lower Upper
 41 100
 39 73.2 51.4 77.2



#12
 Acrylonitrile
 Concen: 4.646 ug/l
 RT: 2.94 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Tgt Ion: 53 Resp: 7545
 Ion Ratio Lower Upper
 53 100
 52 83.8 65.1 97.7
 51 38.5 30.2 45.4





#13

Acetone

Concen: 10.546 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

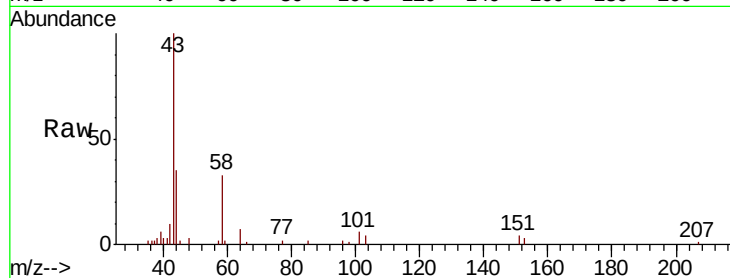
VSTDIC002

Tgt Ion: 43 Resp: 14894

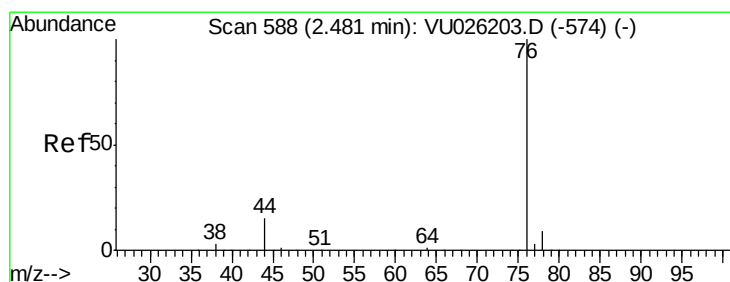
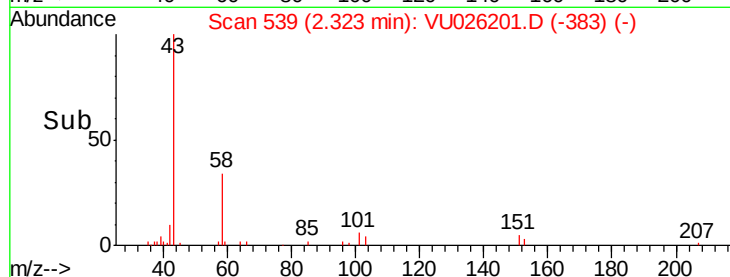
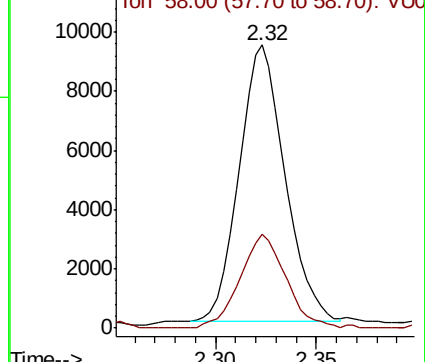
Ion Ratio Lower Upper

43 100

58 33.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU026203.D (-516) (-)



#14

Carbon Disulfide

Concen: 2.184 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU026201.D

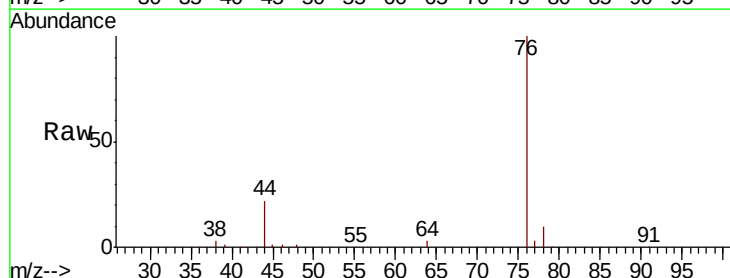
Acq: 20 Aug 2018 12:00

Tgt Ion: 76 Resp: 55038

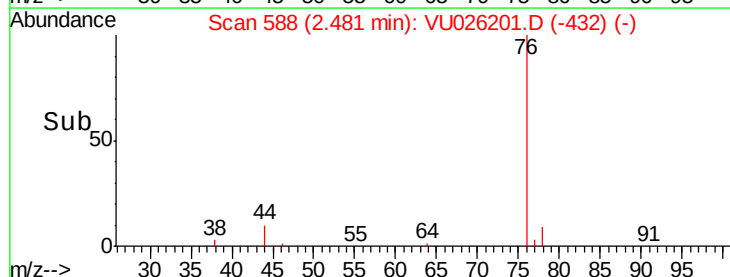
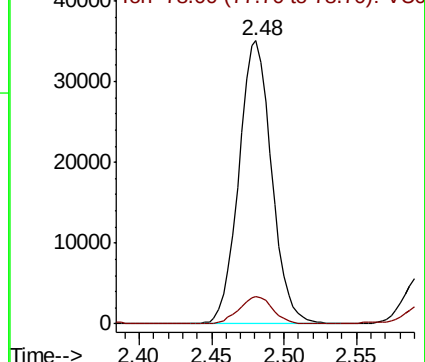
Ion Ratio Lower Upper

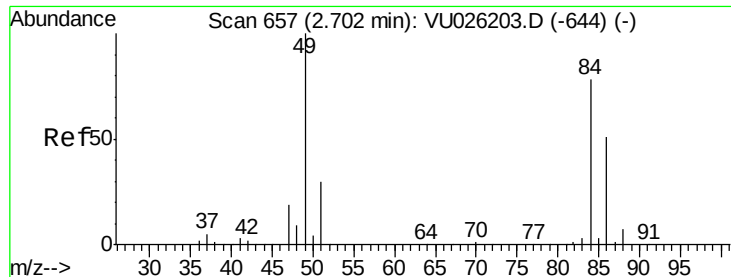
76 100

78 9.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU026203.D (-574) (-)

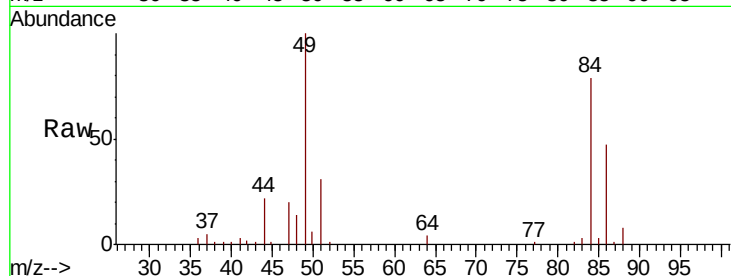




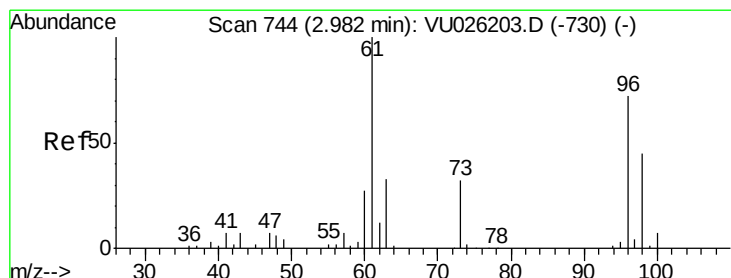
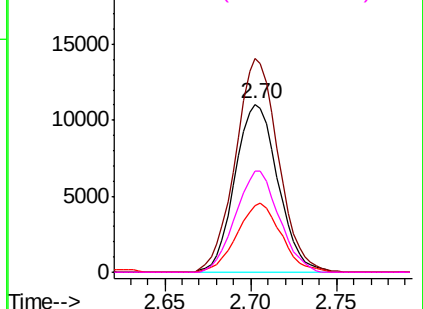
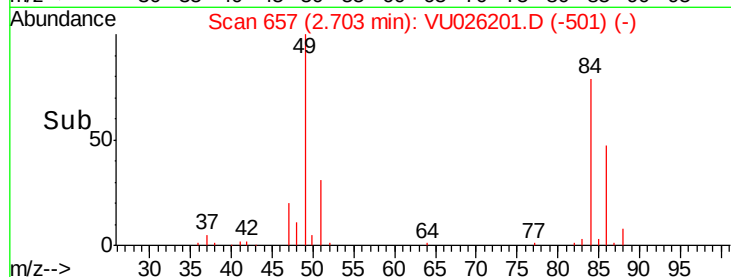
#15
Methylene Chloride
Concen: 2.192 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 84 Resp: 19253
Ion Ratio Lower Upper
84 100
49 127.1 108.7 163.1
51 39.8 0.0 82.4
86 60.3 50.7 76.1

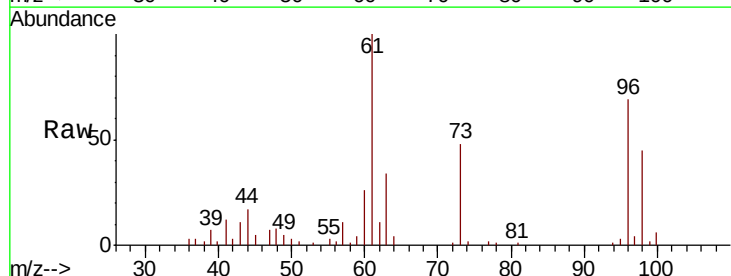


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

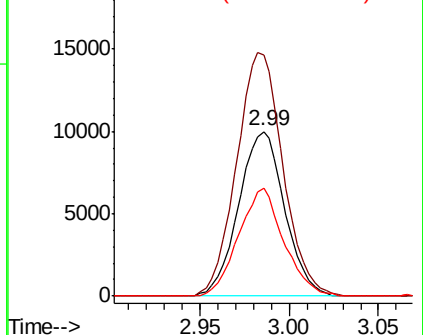
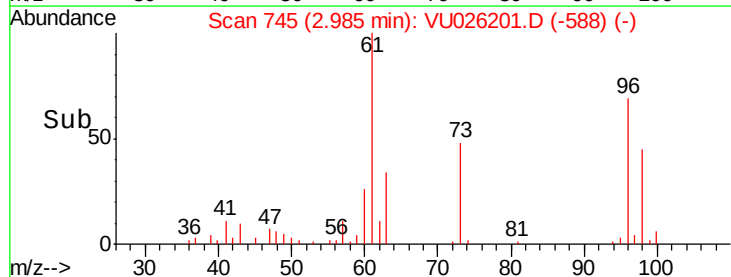


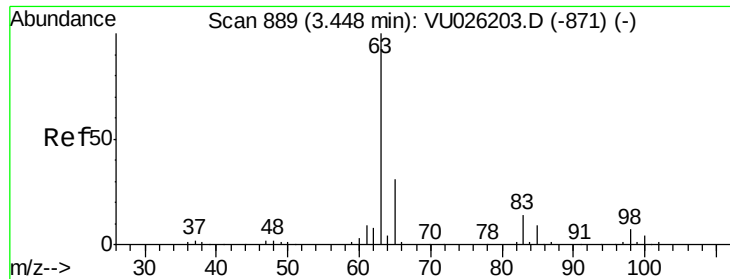
#16
trans-1,2-Dichloroethene
Concen: 2.177 ug/l
RT: 2.99 min Scan# 745
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Tgt Ion: 96 Resp: 17980
Ion Ratio Lower Upper
96 100
61 145.8 123.9 185.9
98 65.8 50.6 76.0



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

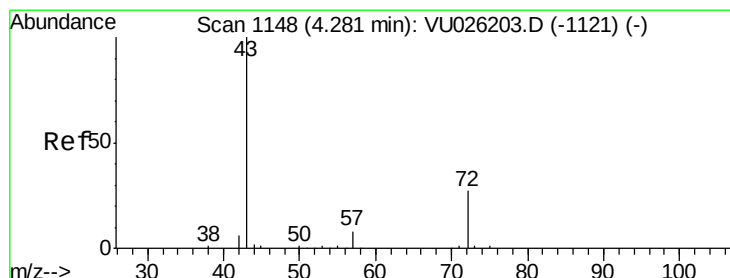
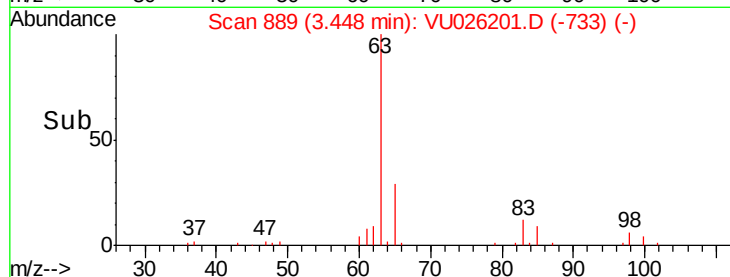
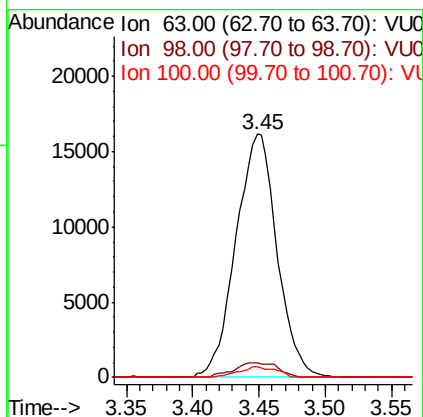
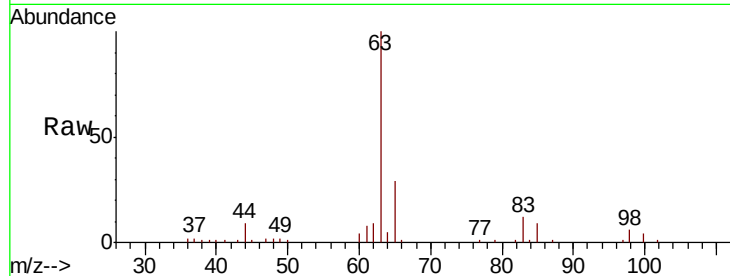




#17
 1,1-Dichloroethane
 Concen: 2.126 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

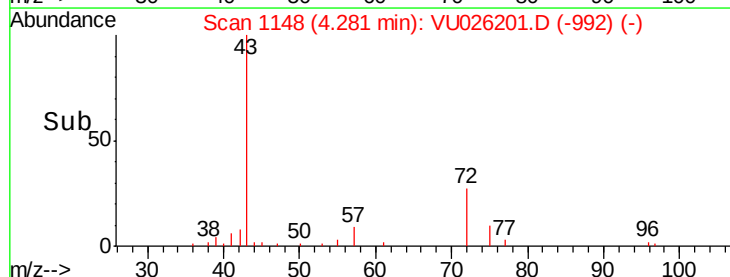
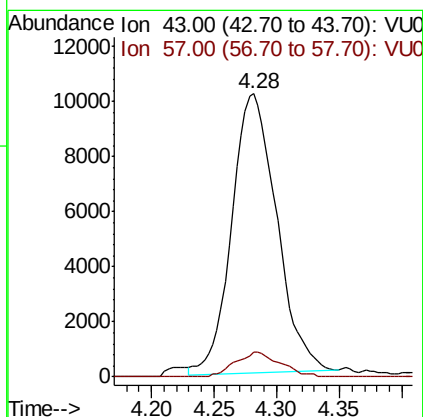
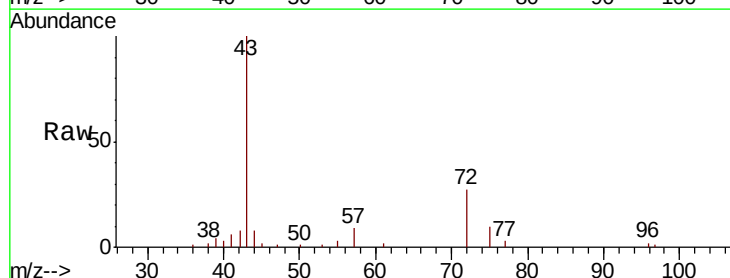
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

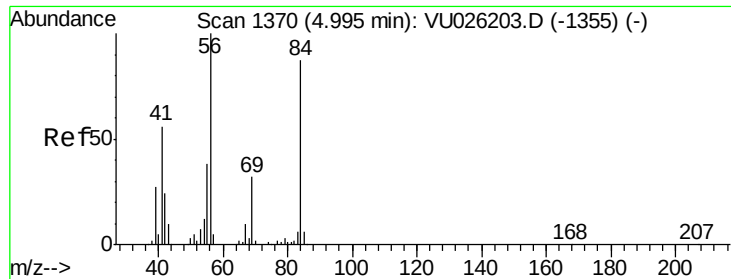
Tgt Ion: 63 Resp: 34824
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 4.3 2.0 5.8



#18
 2-Butanone
 Concen: 10.331 ug/l
 RT: 4.28 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Tgt Ion: 43 Resp: 25320
 Ion Ratio Lower Upper
 43 100
 57 8.8 0.0 15.8

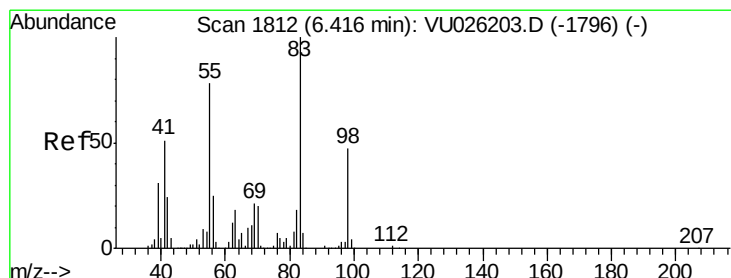
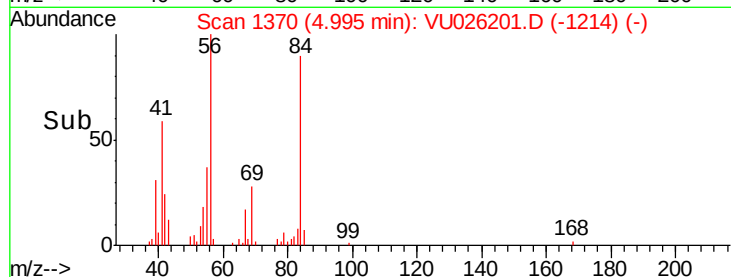
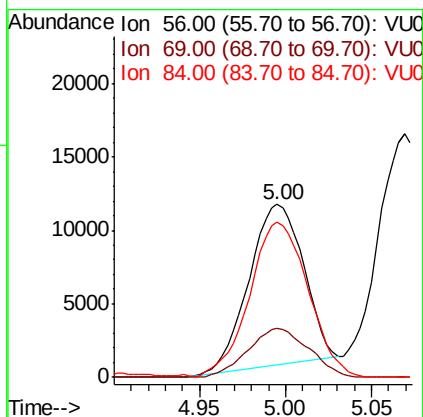
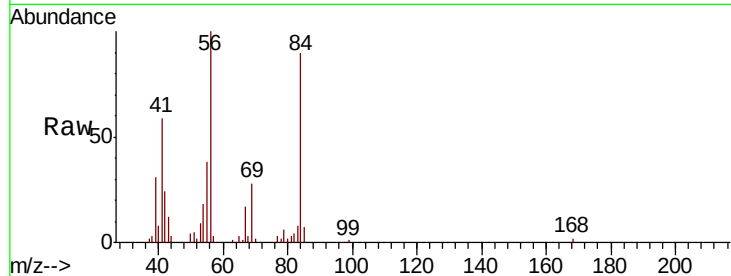




#19
Cyclohexane
Concen: 1.909 ug/l
RT: 5.00 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

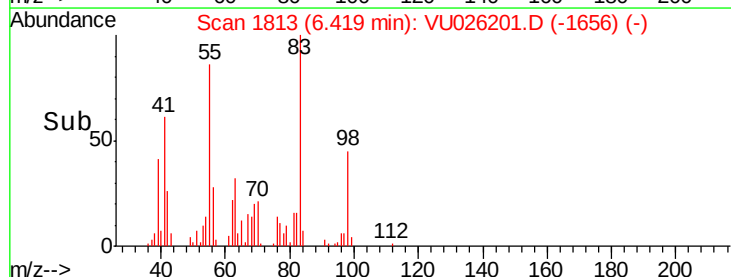
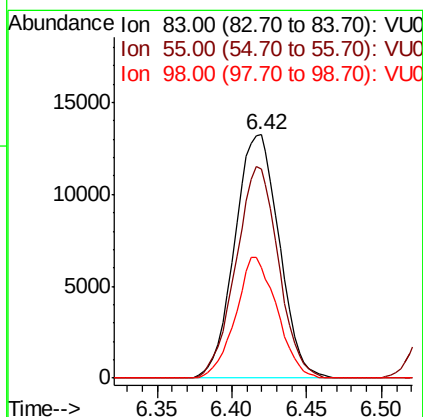
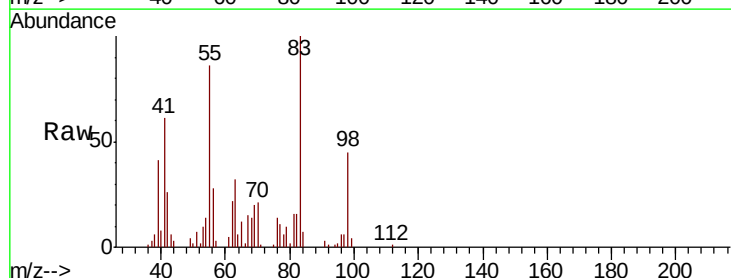
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

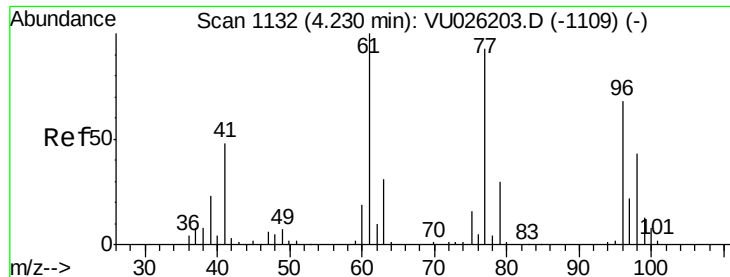
Tgt Ion: 56 Resp: 24115
Ion Ratio Lower Upper
56 100
69 34.1 26.0 39.0
84 103.6 68.3 102.5#



#20
Methylcyclohexane
Concen: 1.769 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Tgt Ion: 83 Resp: 27408
Ion Ratio Lower Upper
83 100
55 83.2 66.4 99.6
98 46.2 35.4 53.2

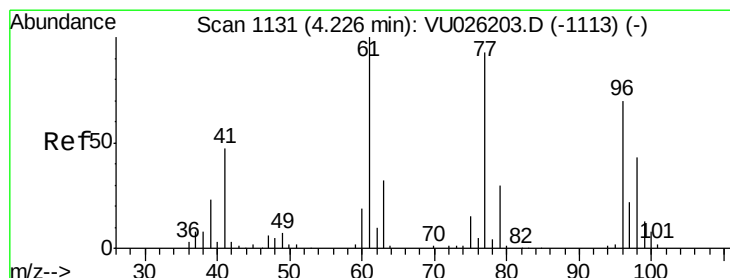
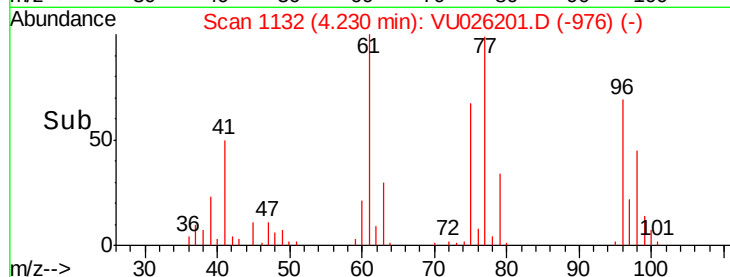
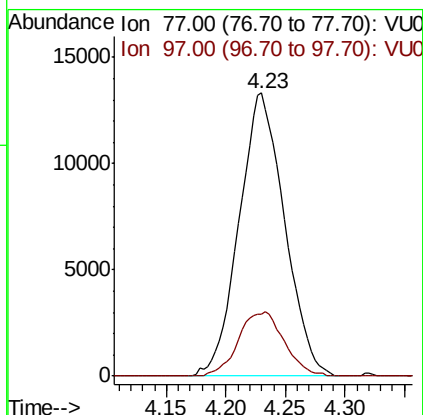
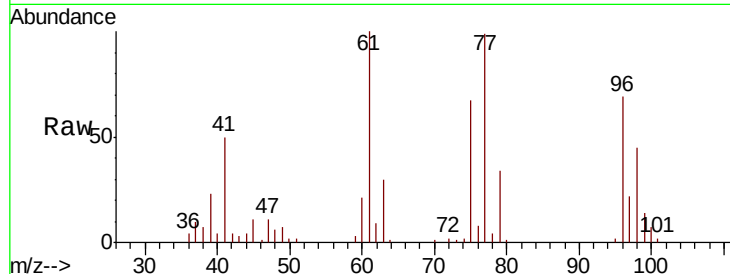




#21
 2,2-Dichloropropane
 Concen: 2.256 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

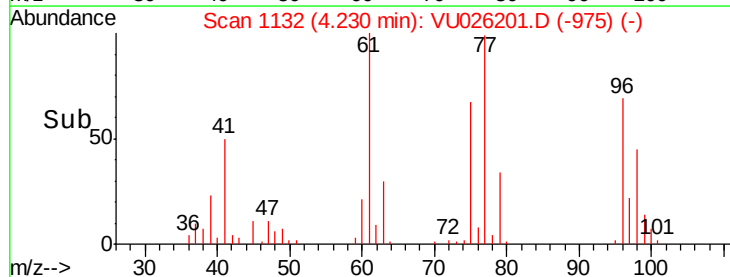
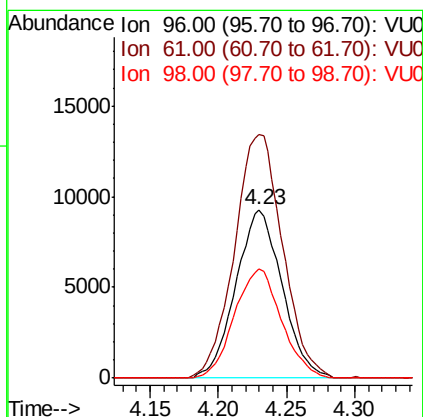
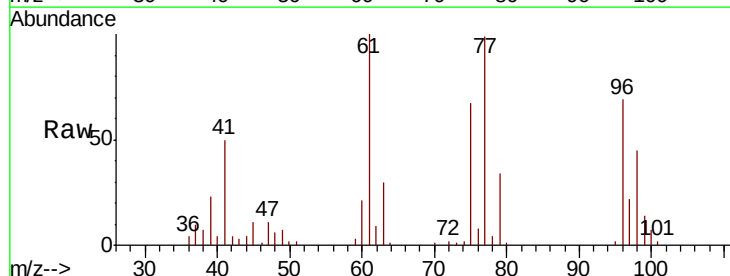
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

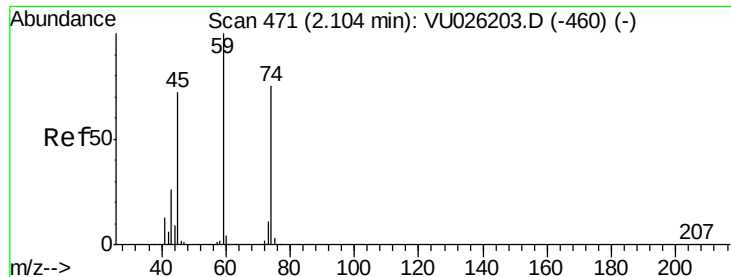
Tgt Ion: 77 Resp: 35240
 Ion Ratio Lower Upper
 77 100
 97 22.9 17.9 26.9



#22
 cis-1,2-Dichloroethene
 Concen: 2.097 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Tgt Ion: 96 Resp: 21804
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 400.5
 98 66.0 32.2 96.6





#23

Diethyl Ether

Concen: 2.142 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

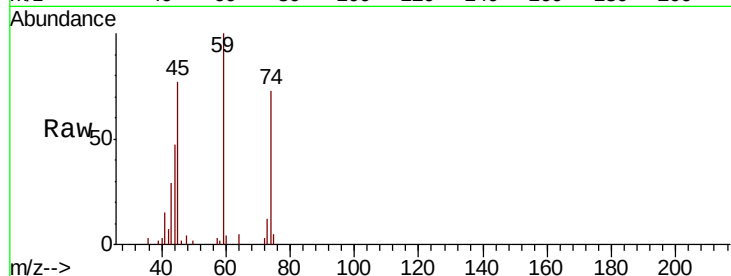
Tgt Ion: 59 Resp: 11953

Ion Ratio Lower Upper

59 100

45 78.2 60.0 90.0

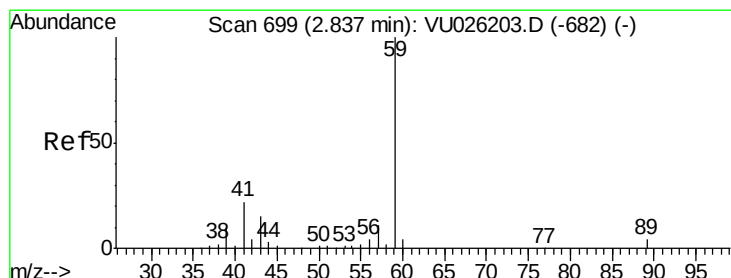
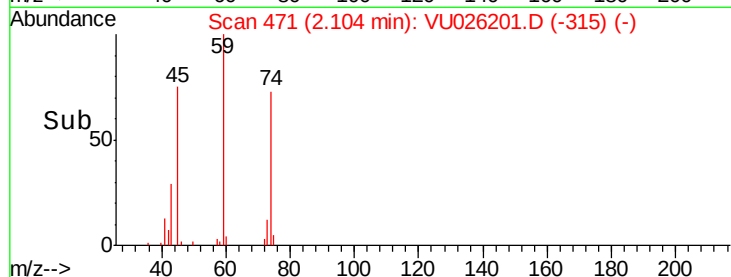
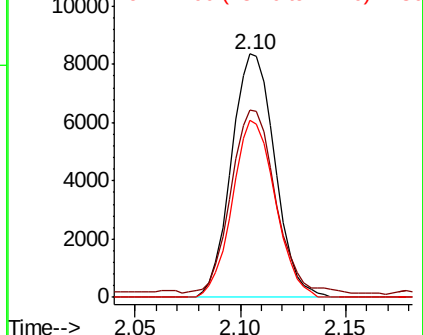
74 71.6 56.5 84.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 19.539 ug/l

RT: 2.84 min Scan# 699

Delta R.T. 0.00 min

Lab File: VU026201.D

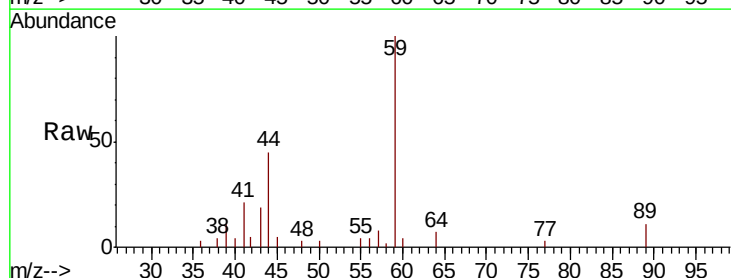
Acq: 20 Aug 2018 12:00

Tgt Ion: 59 Resp: 12806

Ion Ratio Lower Upper

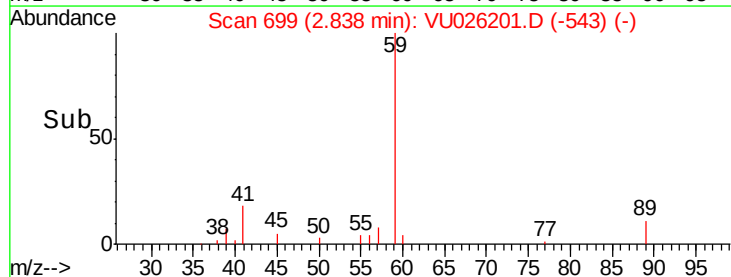
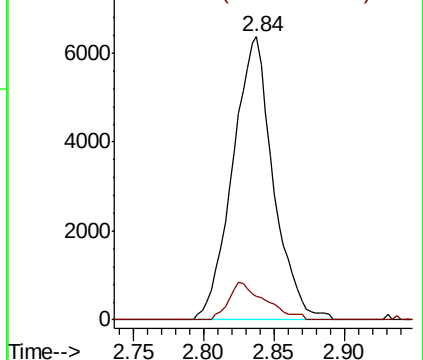
59 100

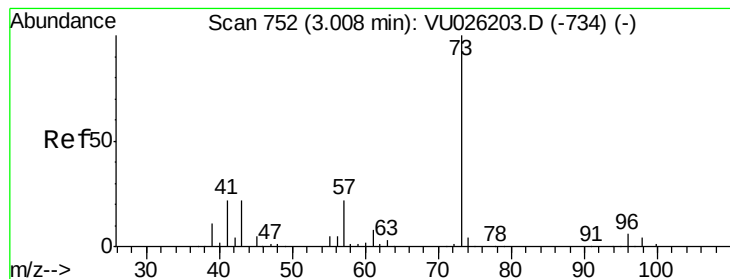
57 11.9 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 2.150 ug/l

RT: 3.00 min Scan# 751

Delta R.T. -0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

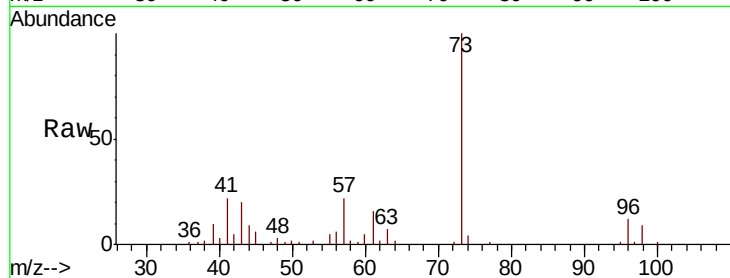
VSTDIC002

Tgt Ion: 73 Resp: 42828

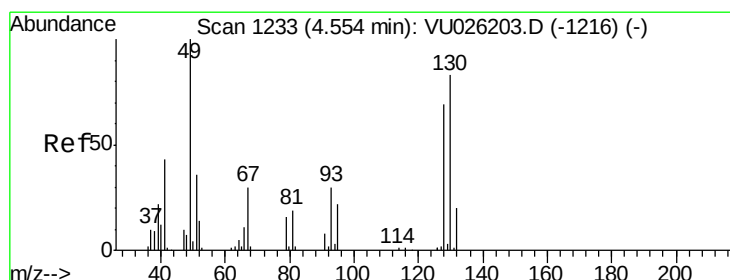
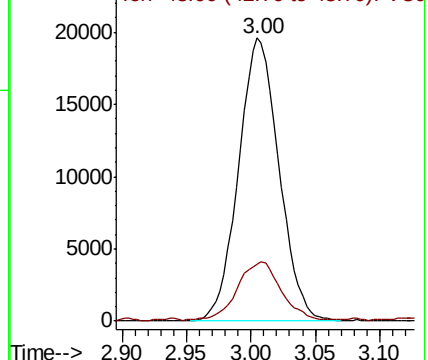
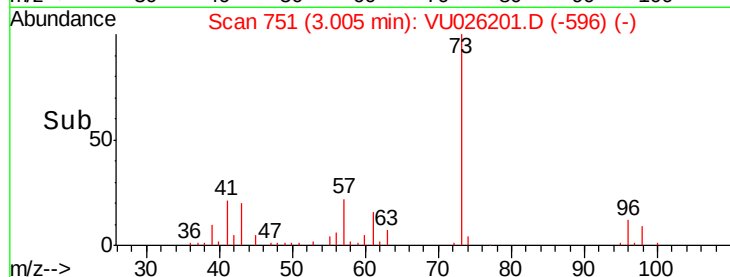
Ion Ratio Lower Upper

73 100

43 23.3 16.2 24.2



Abundance Ion 73.00 (72.70 to 73.70): VU026201.D (-596) (-)



#26

Bromochloromethane

Concen: 2.161 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

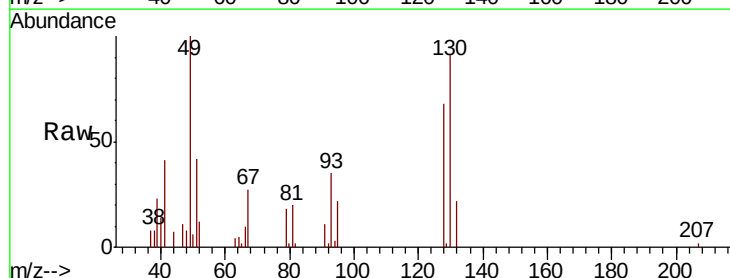
Tgt Ion: 128 Resp: 9898

Ion Ratio Lower Upper

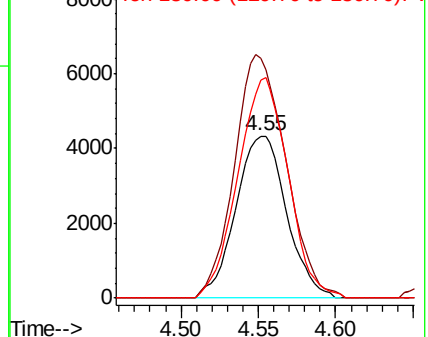
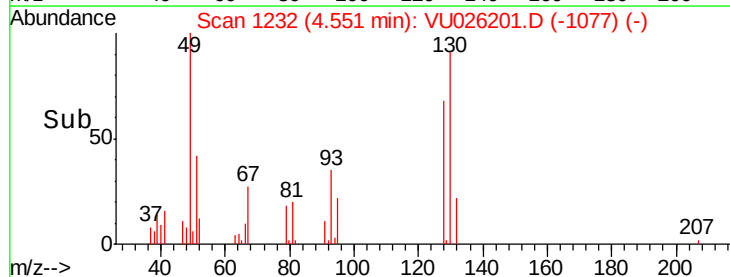
128 100

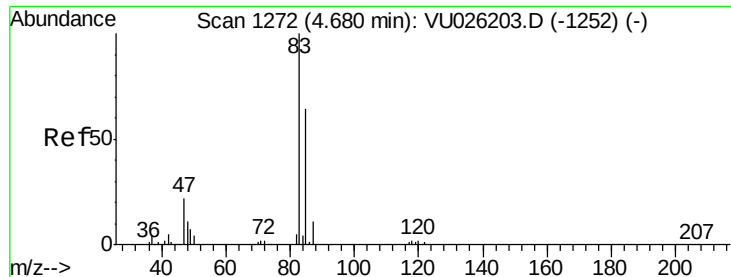
49 151.9 0.0 375.2

130 134.5 105.8 158.6



Abundance Ion 128.00 (127.70 to 128.70): VU026201.D (-1077) (-)

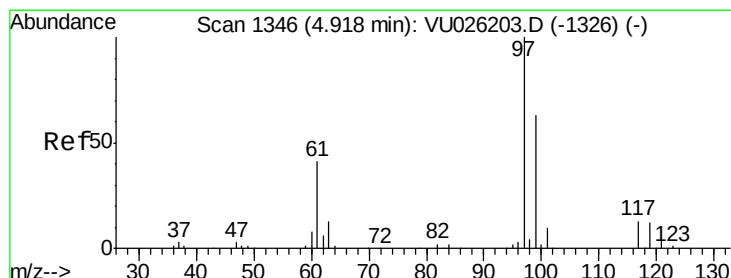
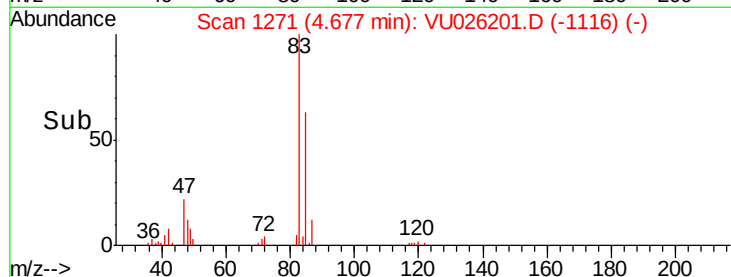
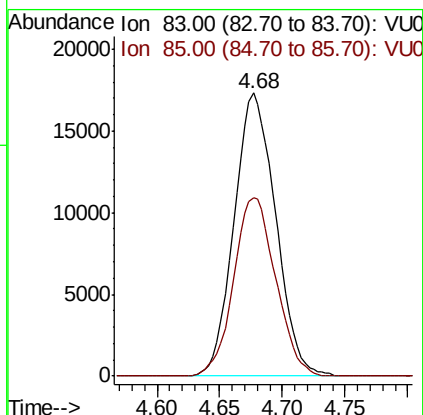
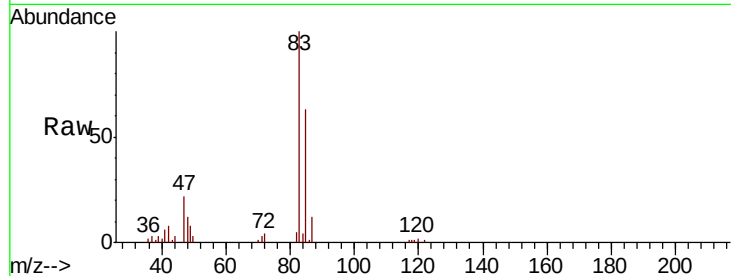




#27
 Chloroform
 Concen: 2.213 ug/l
 RT: 4.68 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

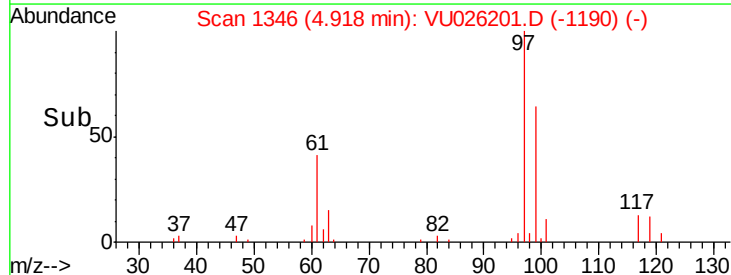
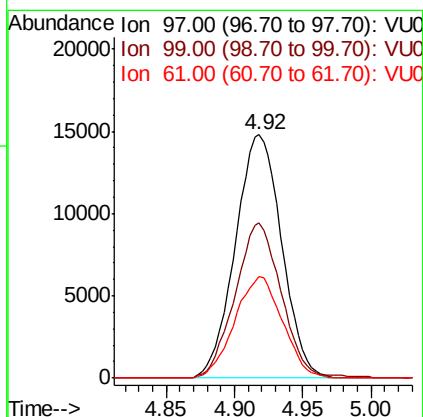
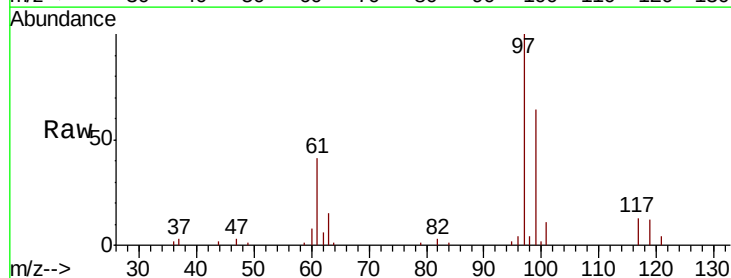
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

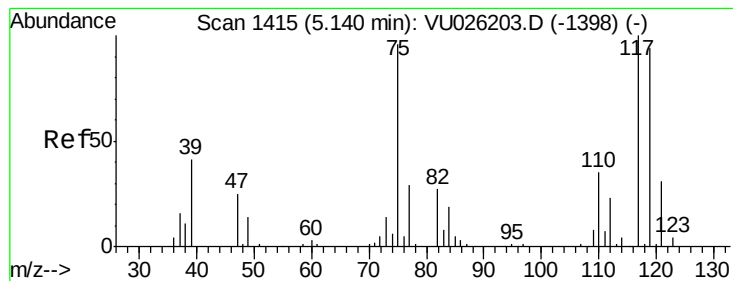
Tgt Ion: 83 Resp: 39843
 Ion Ratio Lower Upper
 83 100
 85 63.2 0.0 128.4



#28
 1,1,1-Trichloroethane
 Concen: 2.150 ug/l
 RT: 4.92 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Tgt Ion: 97 Resp: 34903
 Ion Ratio Lower Upper
 97 100
 99 63.1 32.3 96.9
 61 43.0 23.2 69.5





#29

1,1-Dichloropropene

Concen: 2.041 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

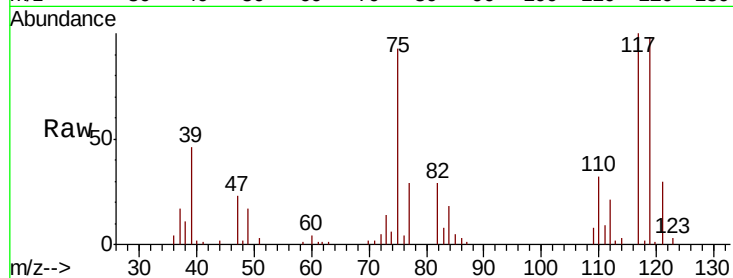
Tgt Ion: 75 Resp: 27175

Ion Ratio Lower Upper

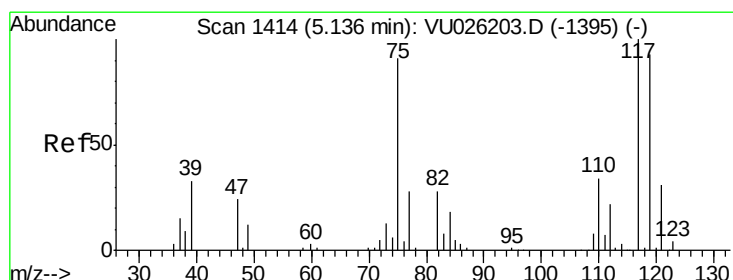
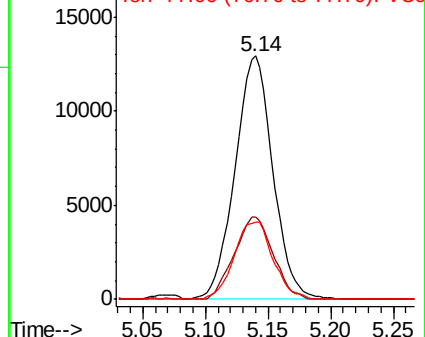
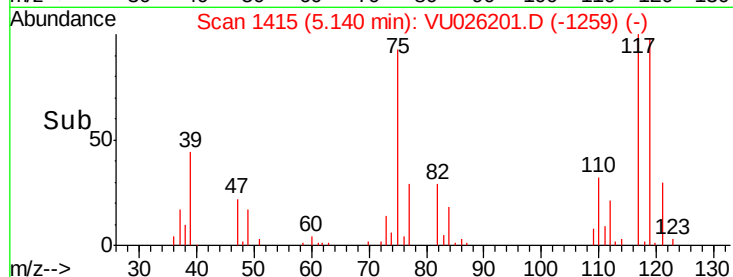
75 100

110 34.5 16.9 50.7

77 32.7 24.8 37.2



Abundance Ion 75.00 (74.70 to 75.70): VU026201.D (-1259) (-)



#30

Carbon Tetrachloride

Concen: 2.206 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

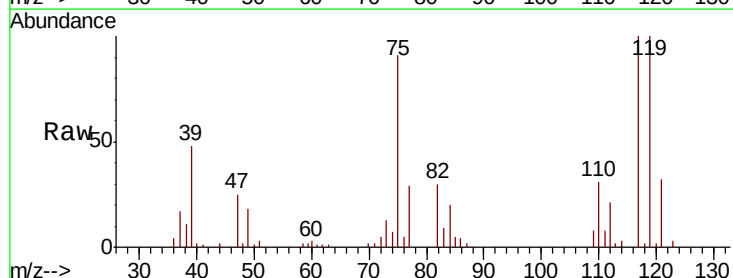
Tgt Ion: 117 Resp: 32519

Ion Ratio Lower Upper

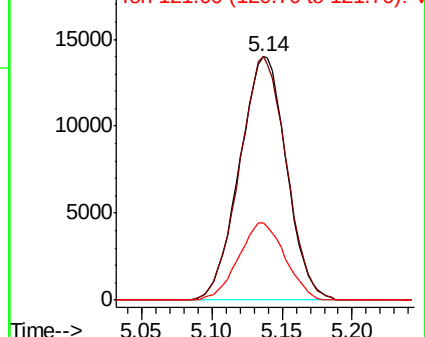
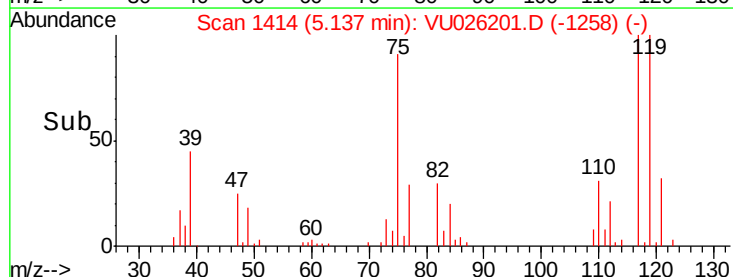
117 100

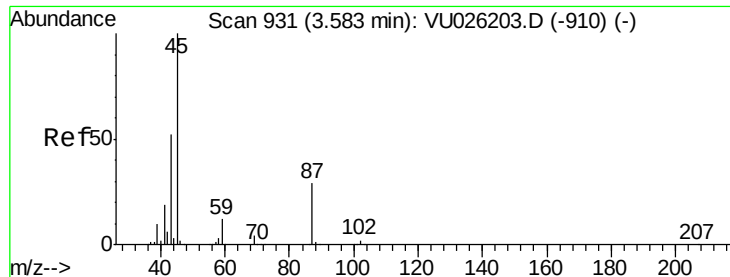
119 99.8 77.3 115.9

121 31.6 24.5 36.7



Abundance Ion 117.00 (116.70 to 117.70): VU026201.D (-1258) (-)





#31

Isopropyl Ether

Concen: 2.146 ug/l

RT: 3.58 min Scan# 930

Delta R.T. -0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

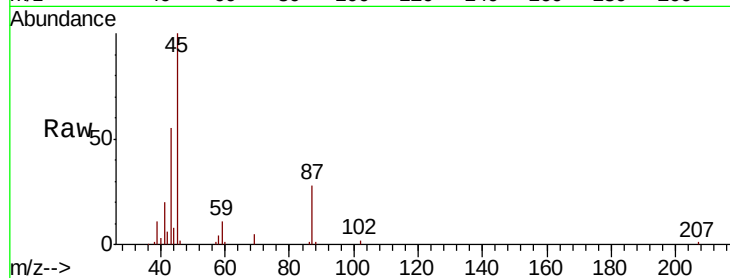
VSTDIC002

Tgt Ion: 45 Resp: 56334

Ion Ratio Lower Upper

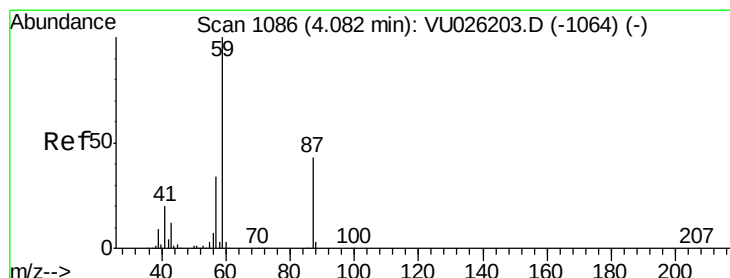
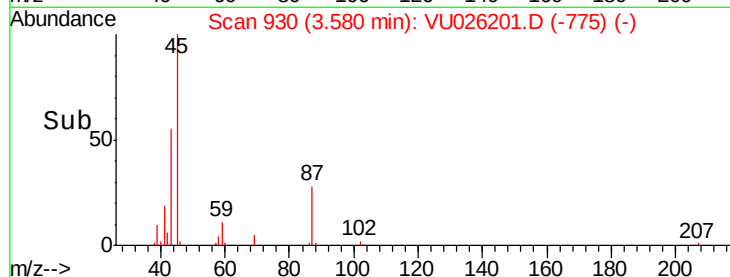
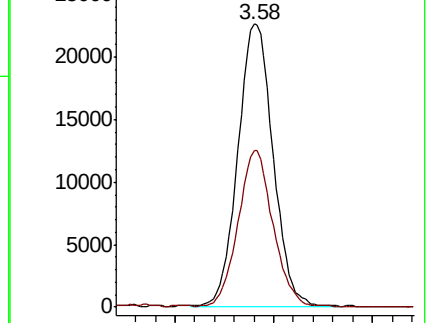
45 100

43 54.8 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU026203.D (-910) (-)

Ion 43.00 (42.70 to 43.70): VU026203.D (-910) (-)



#32

Ethyl-t-butyl ether

Concen: 1.891 ug/l

RT: 4.08 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VU026201.D

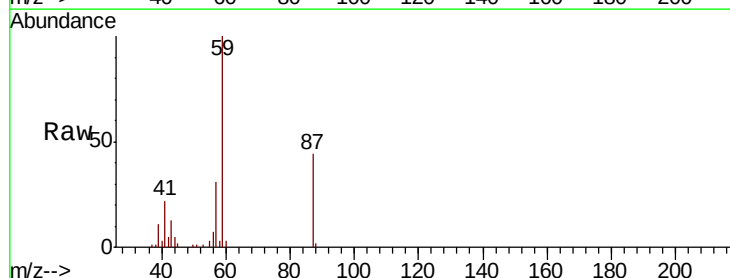
Acq: 20 Aug 2018 12:00

Tgt Ion: 59 Resp: 47158

Ion Ratio Lower Upper

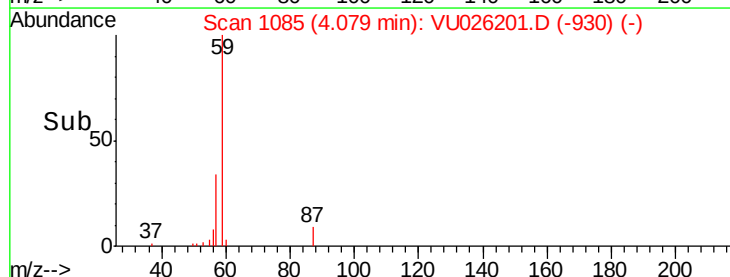
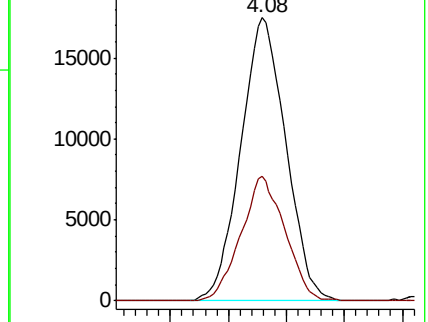
59 100

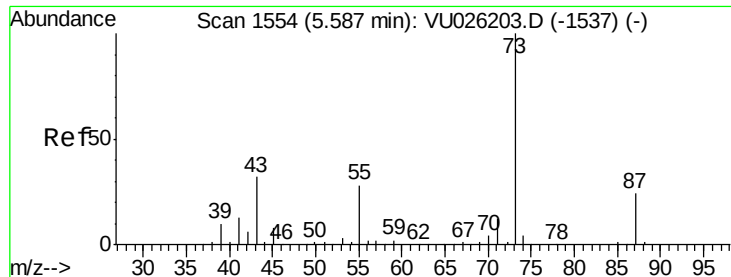
87 43.0 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU026203.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VU026203.D (-1064) (-)

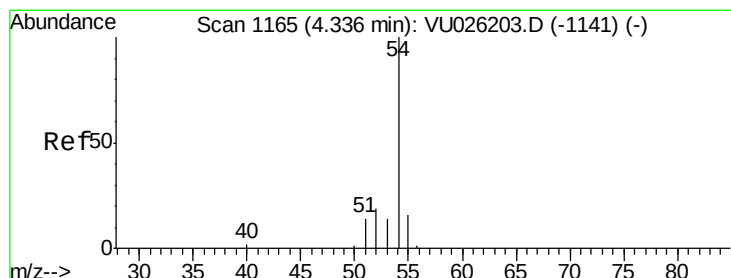
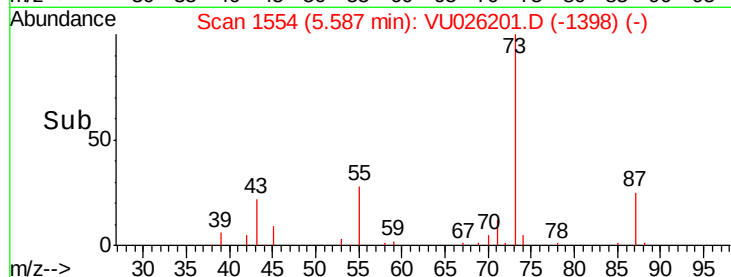
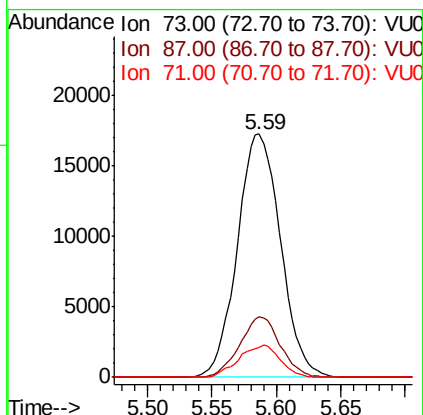
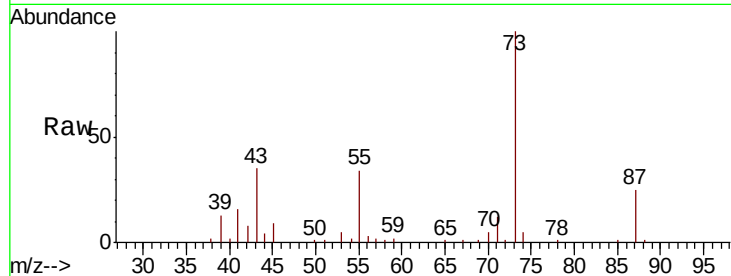




#33
Tert-Amyl methyl ether
Concen: 1.828 ug/l
RT: 5.59 min Scan# 1554
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

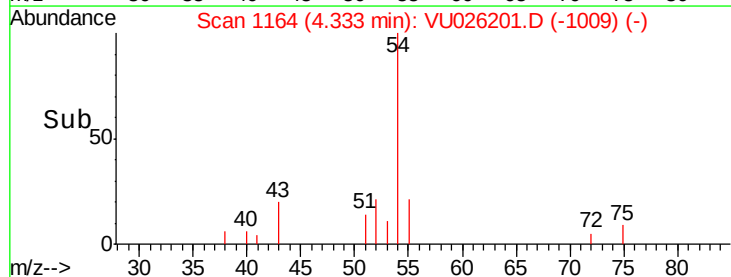
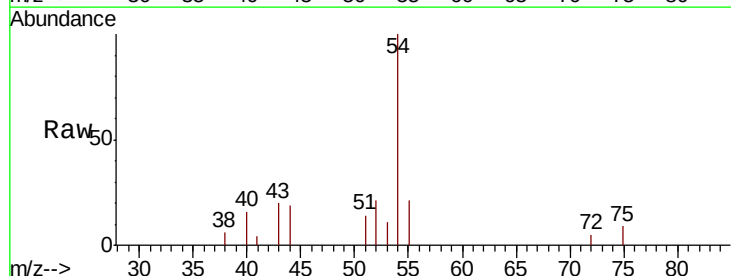
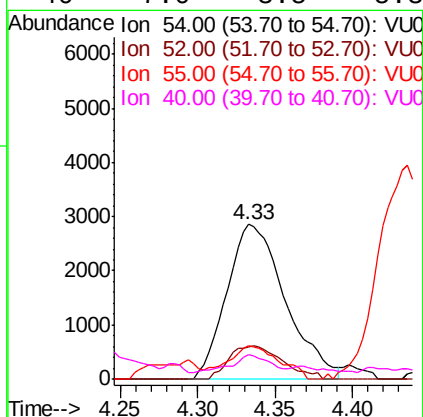
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

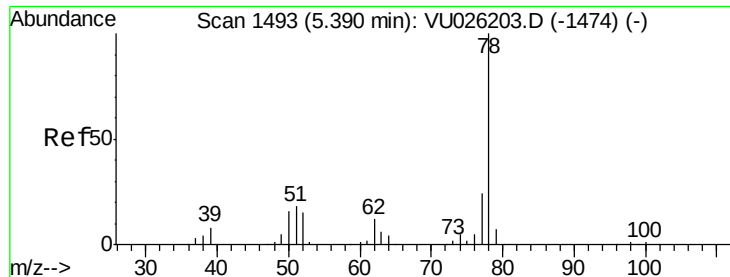
Tgt Ion: 73 Resp: 40255
Ion Ratio Lower Upper
73 100
87 23.1 18.6 28.0
71 12.5 9.3 13.9



#34
Propionitrile
Concen: 11.024 ug/l
RT: 4.33 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Tgt Ion: 54 Resp: 7507
Ion Ratio Lower Upper
54 100
52 19.4 13.7 20.5
55 18.3 10.2 15.2#
40 7.0 3.5 5.3#





#35

Benzene

Concen: 2.145 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

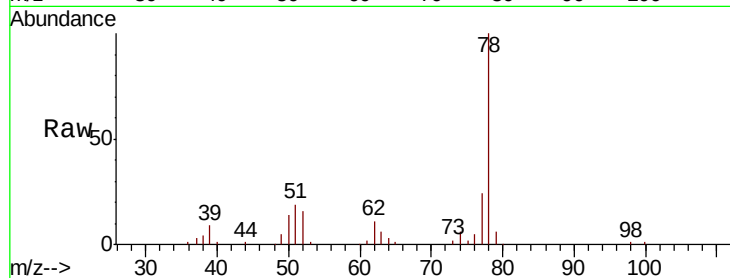
VSTDIC002

Tgt Ion: 78 Resp: 79857

Ion Ratio Lower Upper

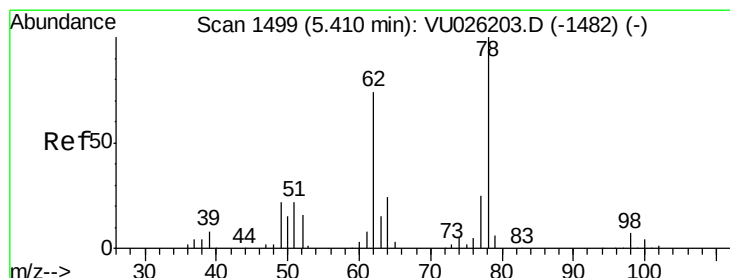
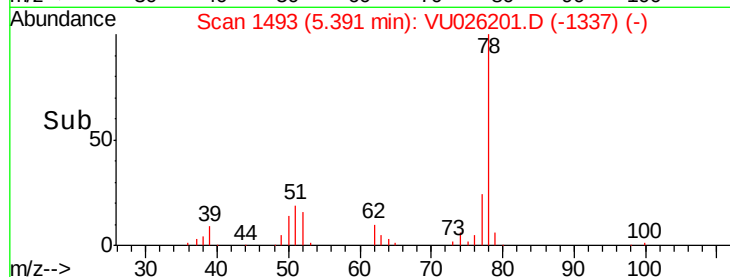
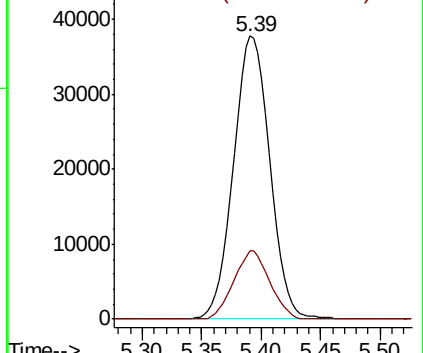
78 100

77 24.0 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 2.164 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU026201.D

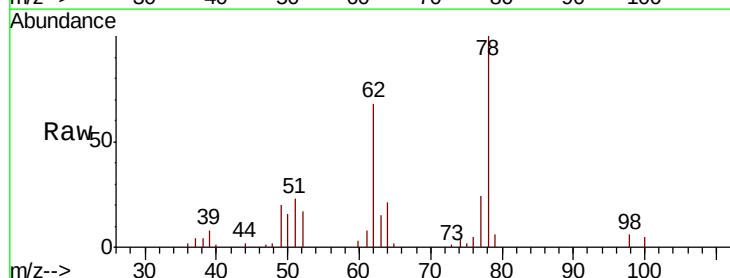
Acq: 20 Aug 2018 12:00

Tgt Ion: 62 Resp: 24733

Ion Ratio Lower Upper

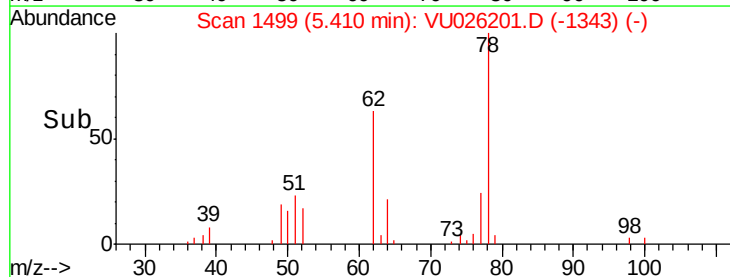
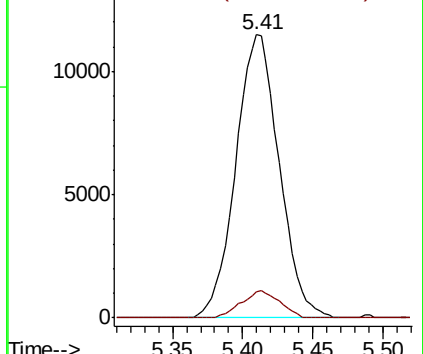
62 100

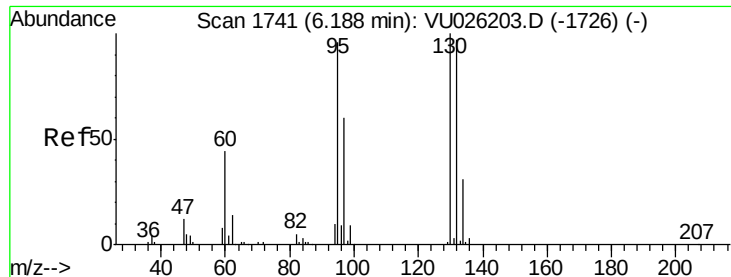
98 8.5 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 2.045 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

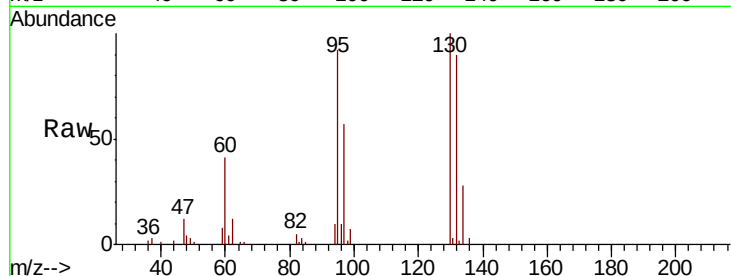
VSTDIC002

Tgt Ion:130 Resp: 22428

Ion Ratio Lower Upper

130 100

95 91.9 77.9 116.9



Abundance Ion 129.90 (129.60 to 130.60): VU026201.D (-1585) (-)

Ion 94.90 (94.60 to 95.60): VU026201.D (-1585) (-)

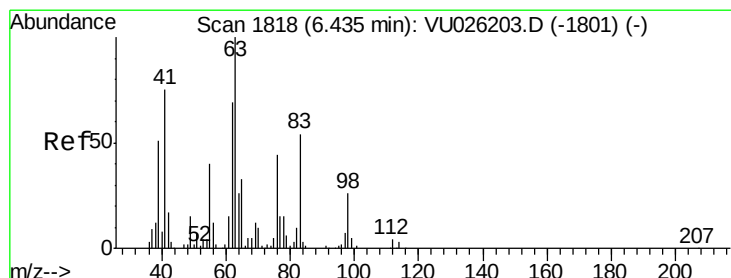
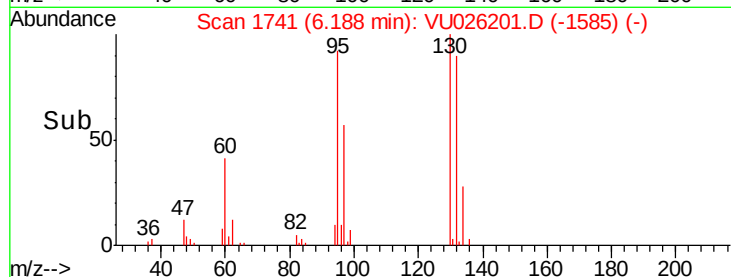
6.19

10000

5000

0

Time--> 6.10 6.15 6.20 6.25



#38

1,2-Dichloropropane

Concen: 2.154 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU026201.D

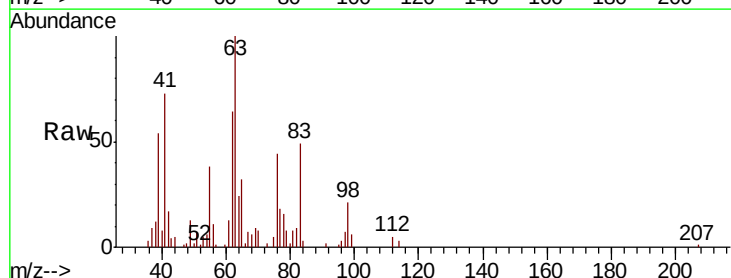
Acq: 20 Aug 2018 12:00

Tgt Ion: 63 Resp: 20810

Ion Ratio Lower Upper

63 100

65 31.7 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU026201.D (-1662) (-)

Ion 65.00 (64.70 to 65.70): VU026201.D (-1662) (-)

6.44

12000

10000

8000

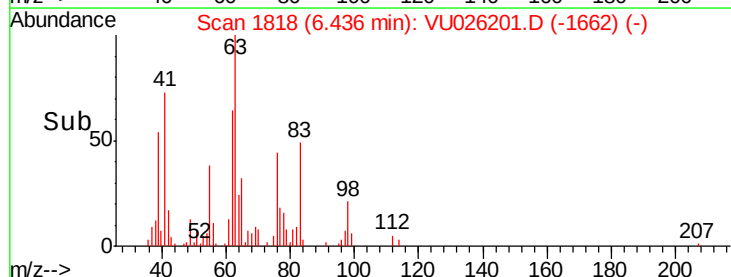
6000

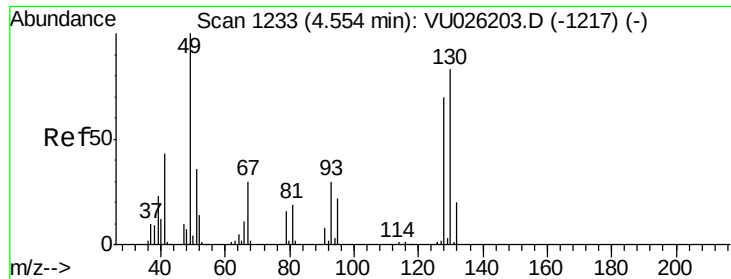
4000

2000

0

Time--> 6.35 6.40 6.45 6.50

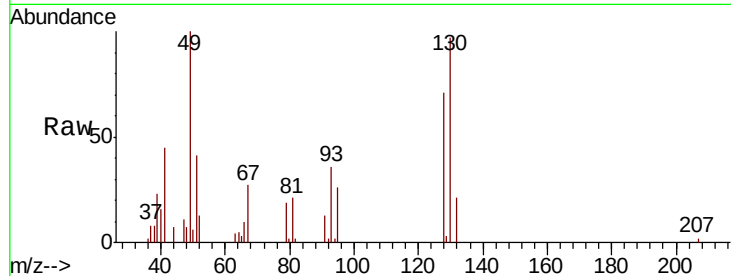




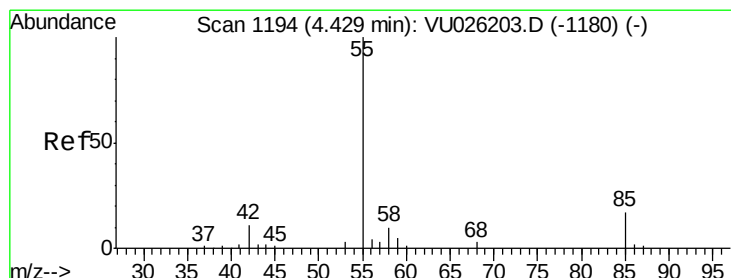
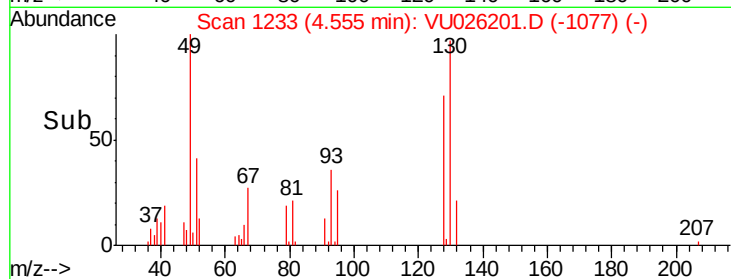
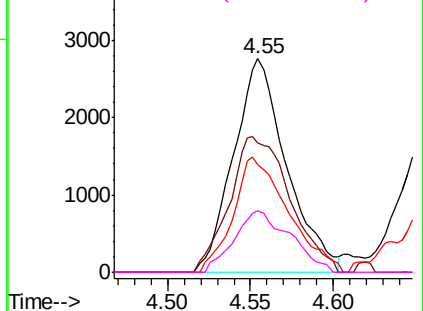
#39
Methacrylonitrile
Concen: 1.959 ug/l
RT: 4.55 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:	41	Resp:	6142
Ion	Ratio	Lower	Upper
41	100		
67	72.5	51.3	76.9
39	55.9	40.6	60.8
52	30.2	21.5	32.3

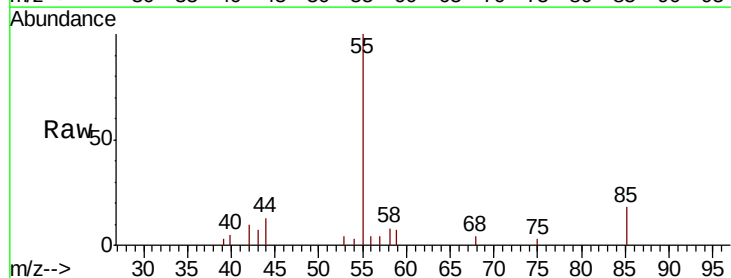


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

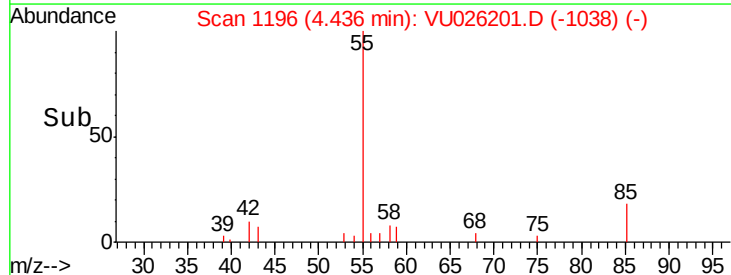
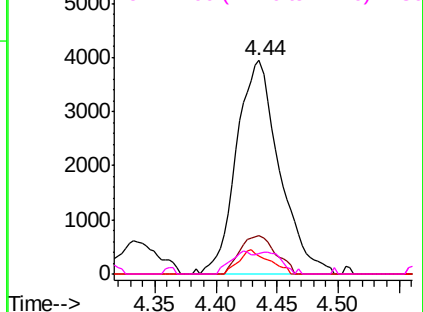


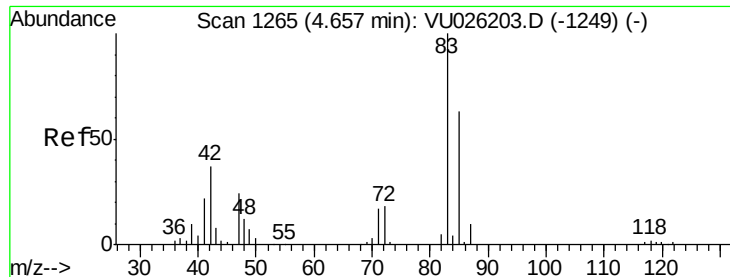
#40
Methyl acrylate
Concen: 2.033 ug/l
RT: 4.44 min Scan# 1196
Delta R.T. 0.01 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Tgt Ion:	55	Resp:	9613
Ion	Ratio	Lower	Upper
55	100		
85	14.8	12.3	18.5
58	7.9	7.0	10.6
42	6.0	7.0	10.4#



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





#41

Tetrahydrofuran

Concen: 3.645 ug/l

RT: 4.65 min Scan# 1262

Delta R.T. -0.01 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

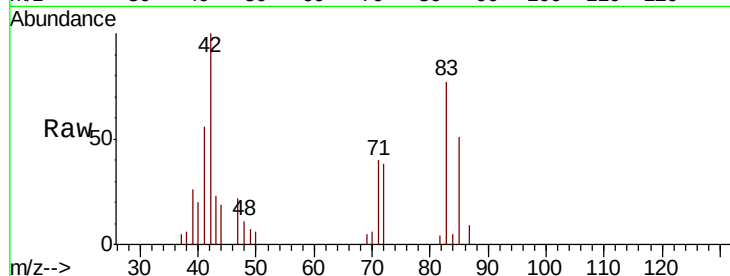
Tgt Ion: 42 Resp: 6751

Ion Ratio Lower Upper

42 100

72 44.5 33.2 49.8

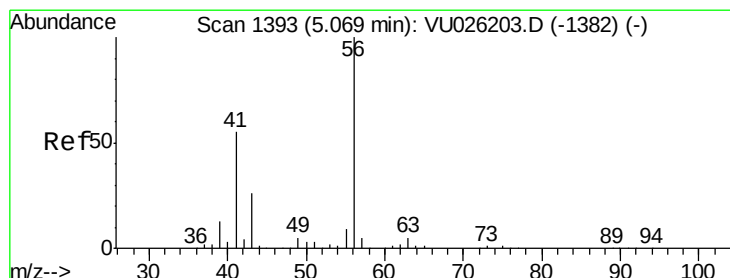
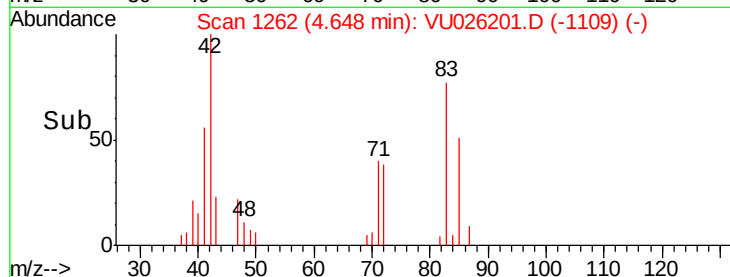
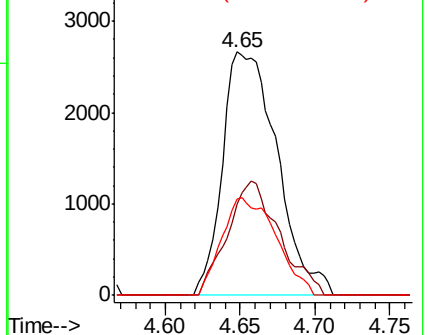
71 39.9 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 1.957 ug/l

RT: 5.07 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VU026201.D

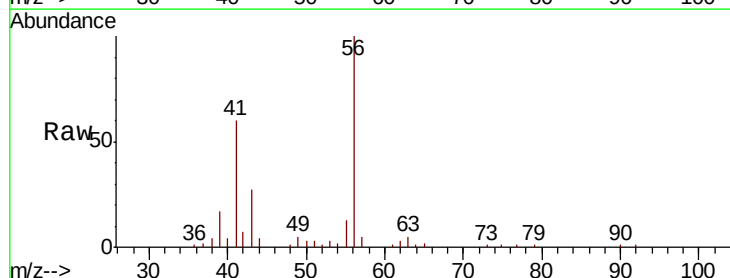
Acq: 20 Aug 2018 12:00

Tgt Ion: 56 Resp: 35518

Ion Ratio Lower Upper

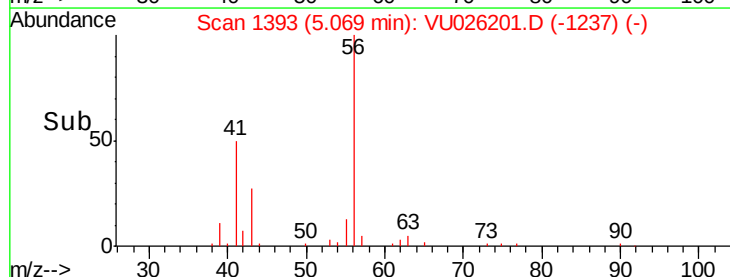
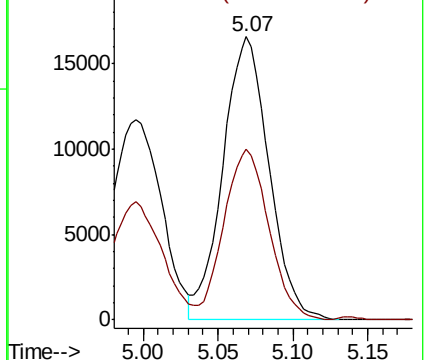
56 100

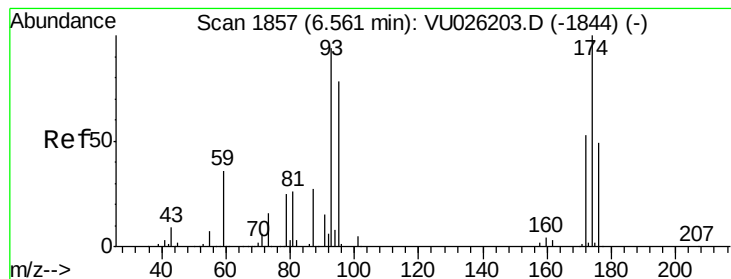
41 59.2 27.5 82.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 2.158 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

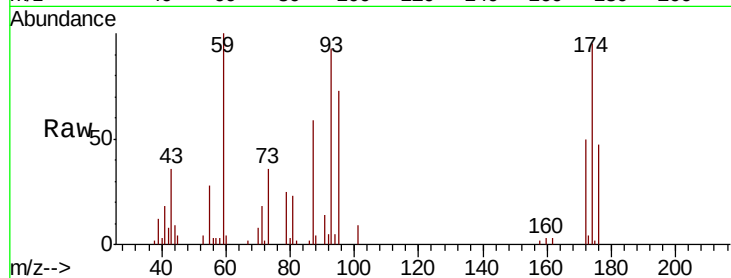
Tgt Ion: 93 Resp: 10883

Ion Ratio Lower Upper

93 100

95 80.7 67.2 100.8

174 106.1 82.8 124.2



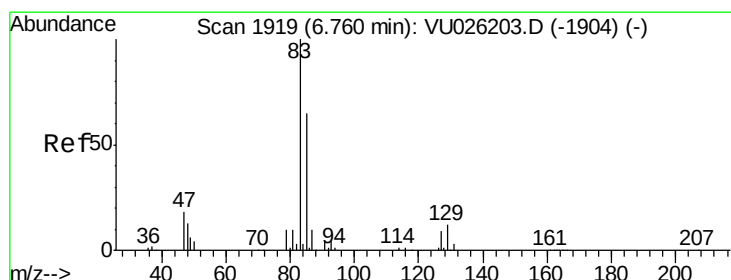
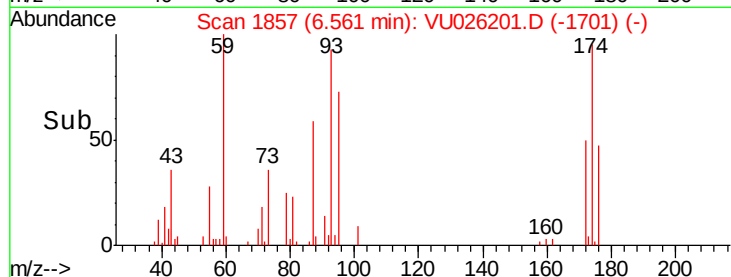
Abundance Ion 93.00 (92.70 to 93.70): VU026201.D (-1701) (-)

Ion 95.00 (94.70 to 95.70): VU026201.D (-1701) (-)

Ion 174.00 (173.70 to 174.70): VU026201.D (-1701) (-)

6.56

Time-->



#44

Bromodichloromethane

Concen: 2.244 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

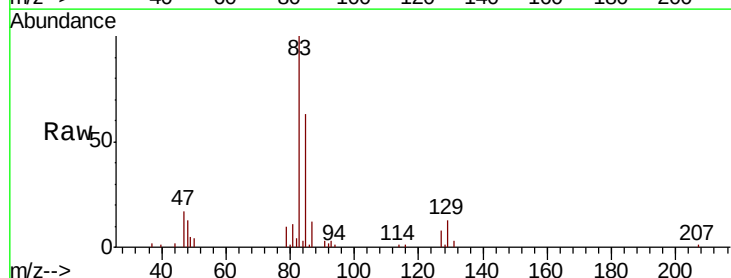
Tgt Ion: 83 Resp: 28674

Ion Ratio Lower Upper

83 100

85 63.3 52.2 78.4

127 8.0 7.0 10.4



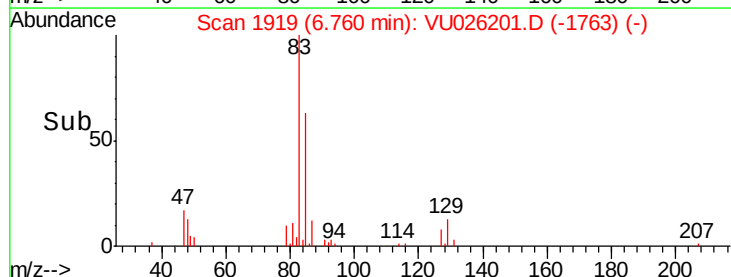
Abundance Ion 83.00 (82.70 to 83.70): VU026201.D (-1763) (-)

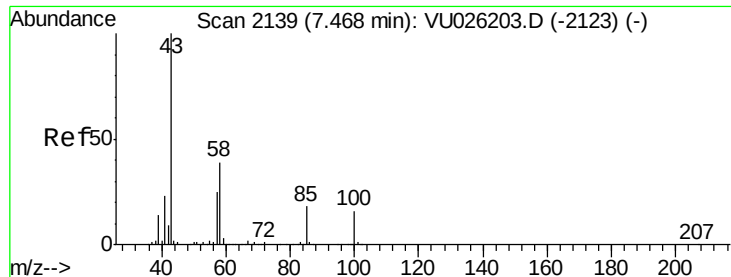
Ion 85.00 (84.70 to 85.70): VU026201.D (-1763) (-)

Ion 127.00 (126.70 to 127.70): VU026201.D (-1763) (-)

6.76

Time-->

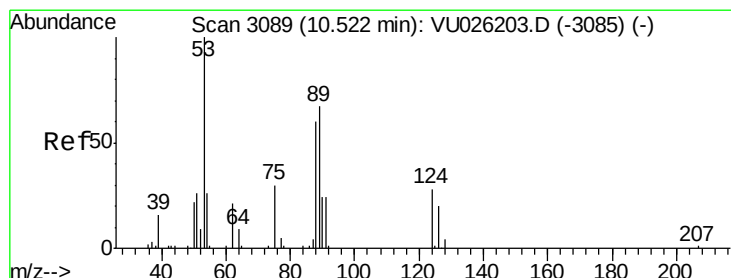
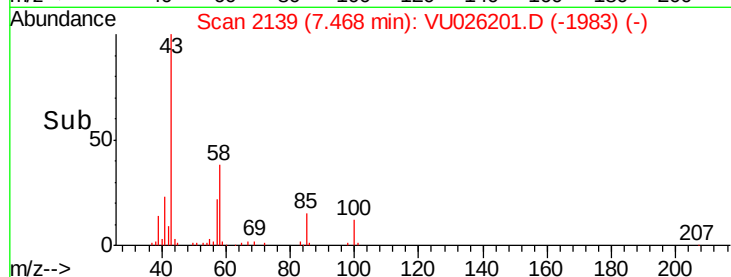
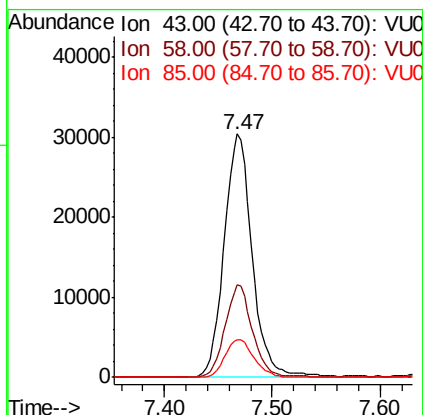
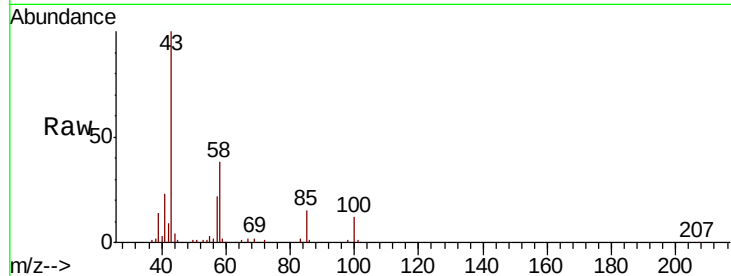




#45
 4-Methyl-2-Pentanone
 Concen: 9.809 ug/l
 RT: 7.47 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

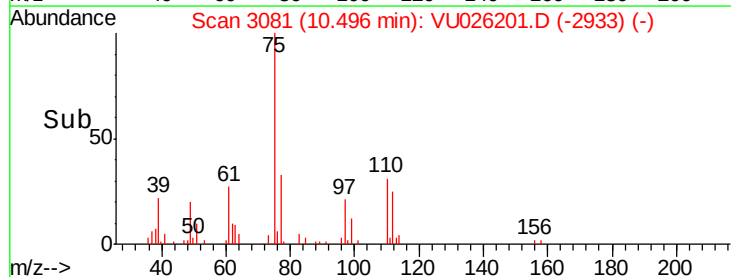
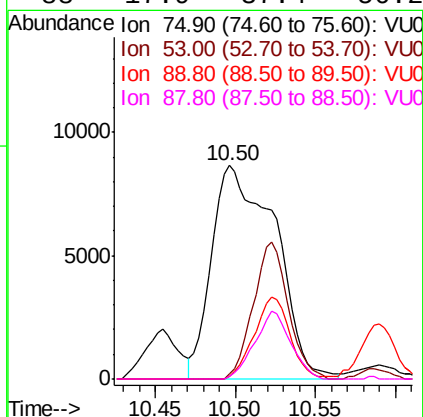
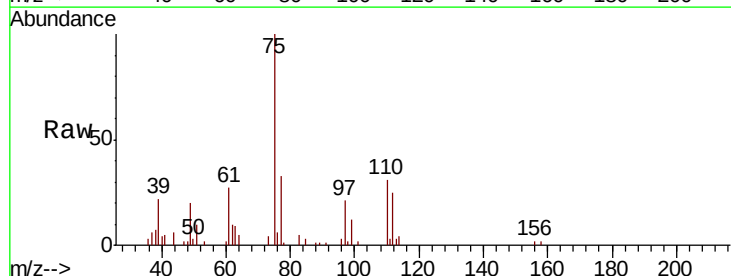
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

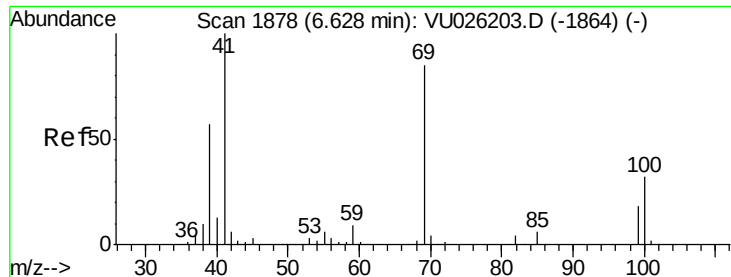
Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.9	18.8	56.4
85	15.9	12.6	19.0



#46
 t-1,4-Dichloro-2-butene
 Concen: 10.627 ug/l
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.03 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
53	35.2	82.2	123.4#
89	21.6	51.3	76.9#
88	17.9	37.4	56.2#





#47

Methyl methacrylate

Concen: 3.897 ug/l

RT: 6.63 min Scan# 1879

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 69 Resp: 16432

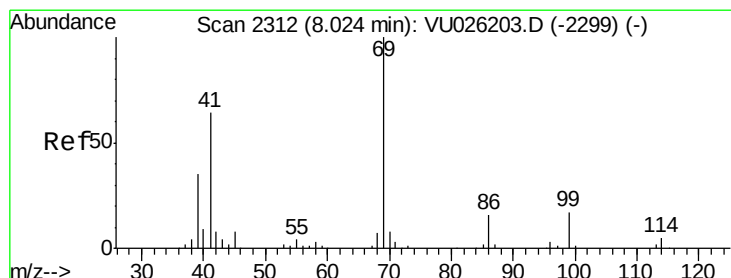
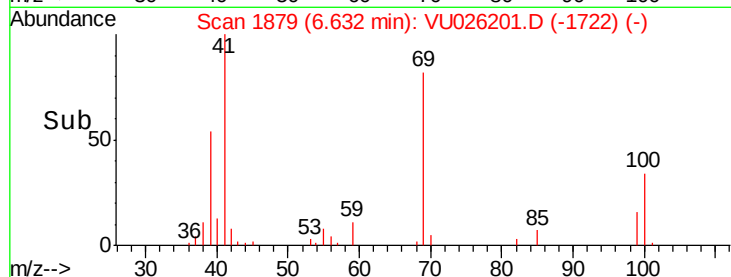
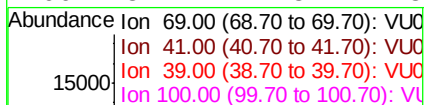
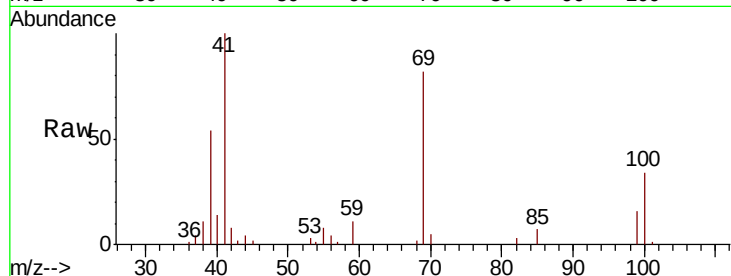
Ion Ratio Lower Upper

69 100

41 121.6 0.0 245.4

39 66.3 49.0 73.4

100 37.1 27.8 41.8



#48

Ethyl methacrylate

Concen: 1.712 ug/l

RT: 8.02 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VU026201.D

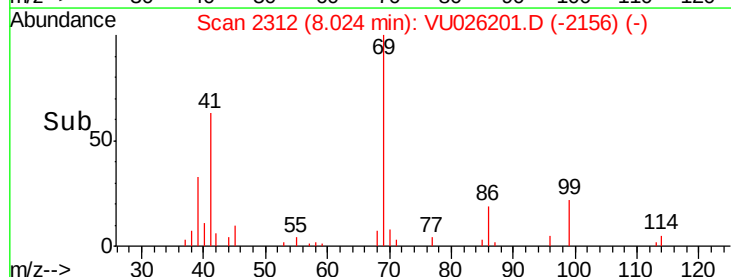
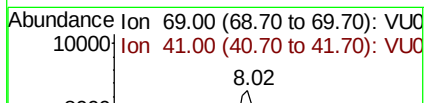
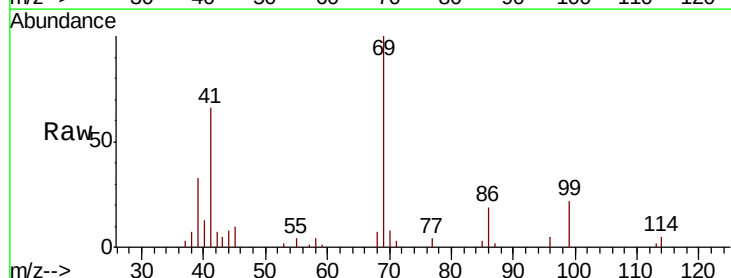
Acq: 20 Aug 2018 12:00

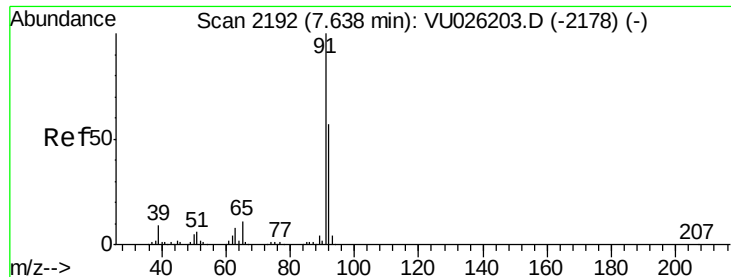
Tgt Ion: 69 Resp: 14500

Ion Ratio Lower Upper

69 100

41 68.3 34.2 102.5





#49

Toluene

Concen: 1.983 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

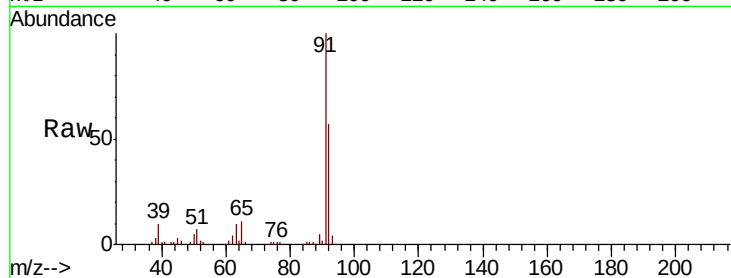
VSTDIC002

Tgt Ion: 92 Resp: 45111

Ion Ratio Lower Upper

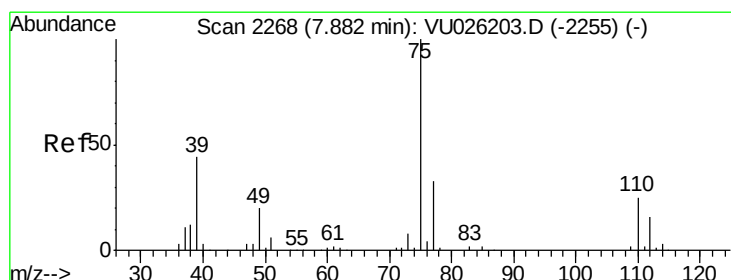
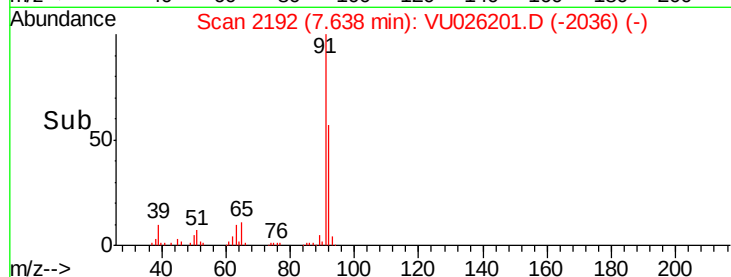
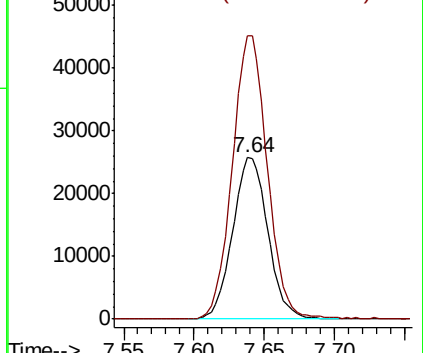
92 100

91 173.8 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 2.060 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU026201.D

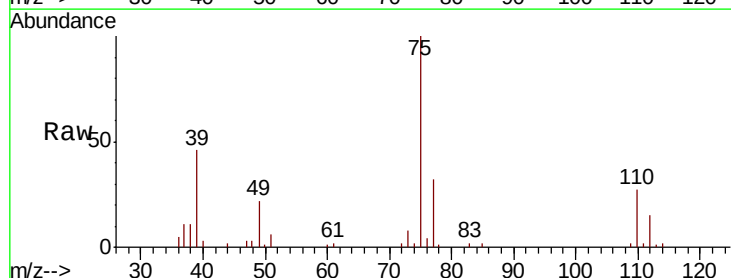
Acq: 20 Aug 2018 12:00

Tgt Ion: 75 Resp: 23760

Ion Ratio Lower Upper

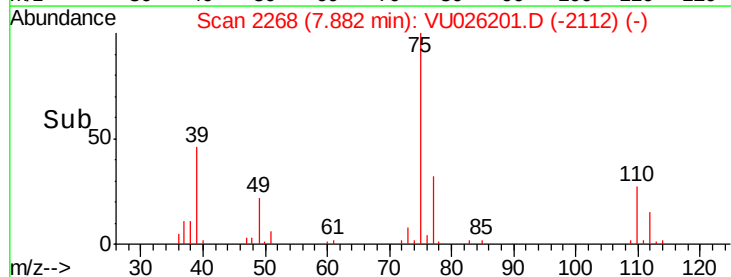
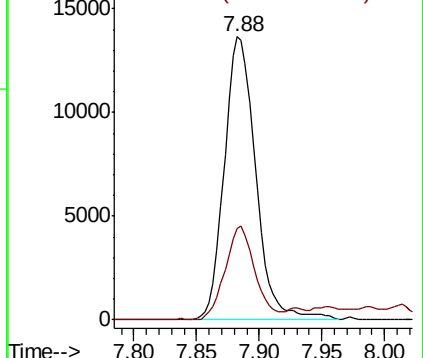
75 100

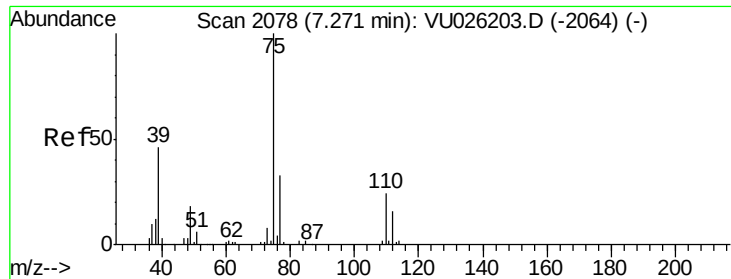
77 32.5 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



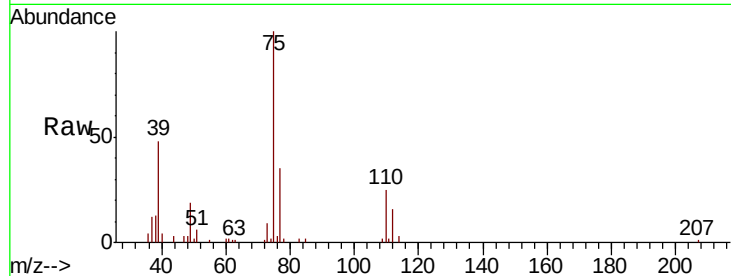


#51

cis-1,3-Dichloropropene
Concen: 1.918 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.2	37.8
39	48.4	36.4	54.6

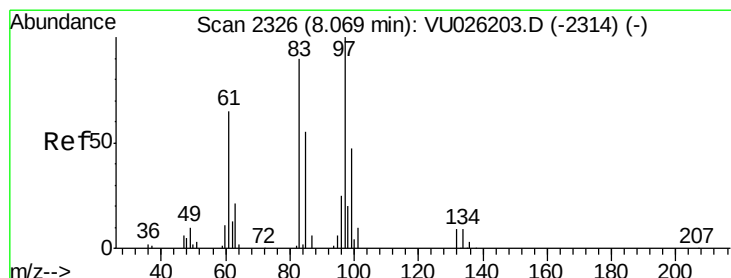
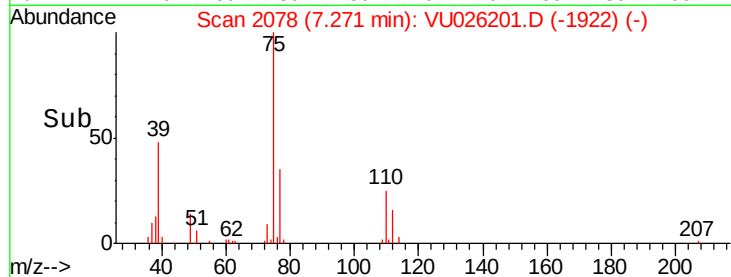
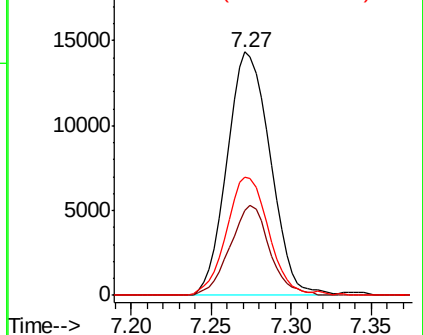


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

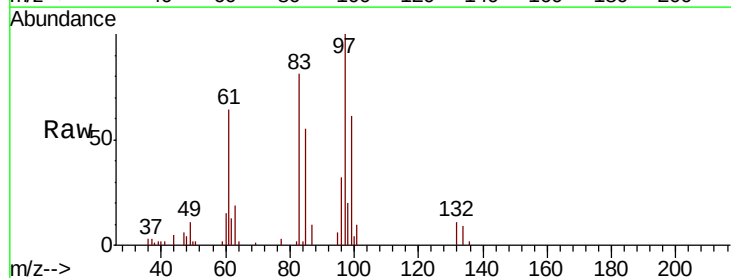
Ion 39.00 (38.70 to 39.70): VU0



#52

1,1,2-Trichloroethane
Concen: 2.174 ug/l
RT: 8.07 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.5	72.6	109.0
85	54.7	47.2	70.8
99	61.2	50.8	76.2



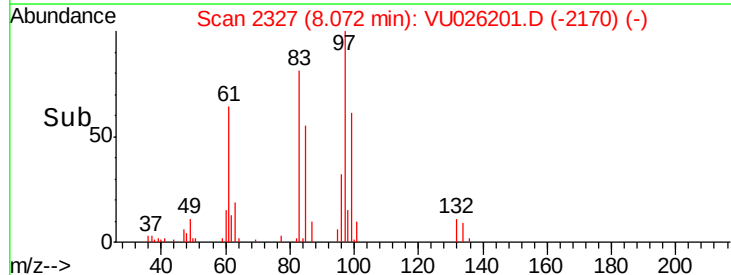
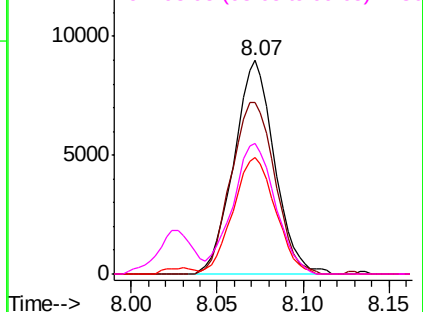
Abundance

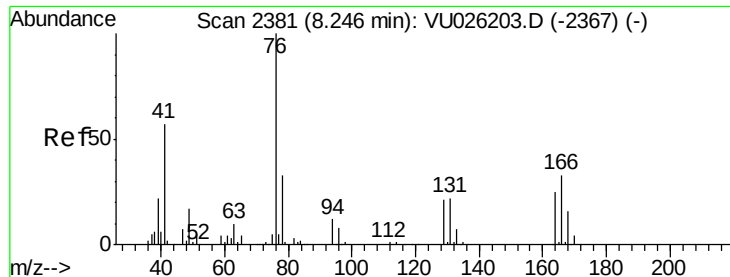
Ion 97.00 (96.70 to 97.70): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 84.95 (84.65 to 85.65): VU0

Ion 98.95 (98.65 to 99.65): VU0

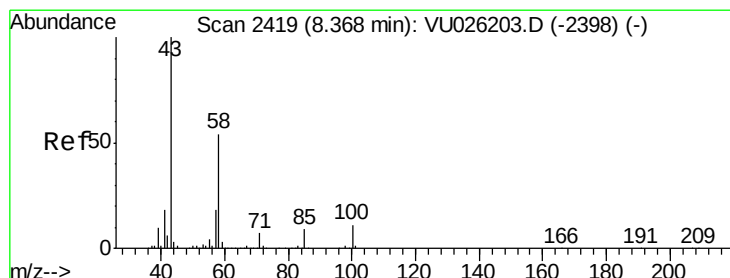
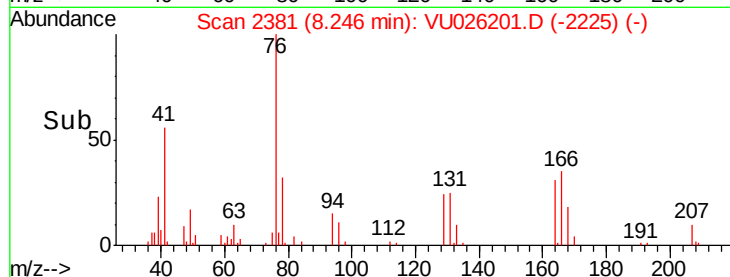
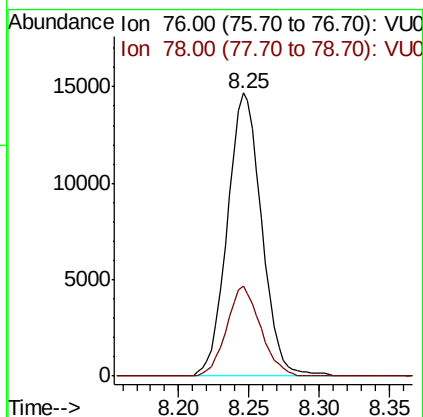
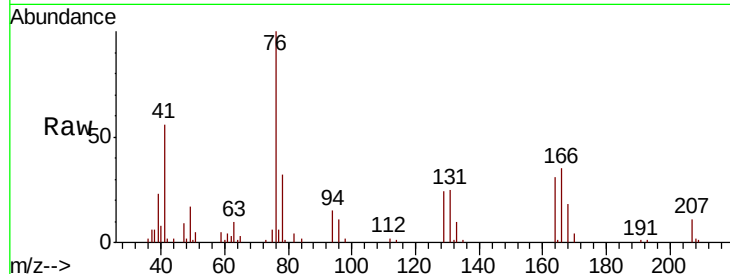




#53
 1,3-Dichloropropane
 Concen: 2.183 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

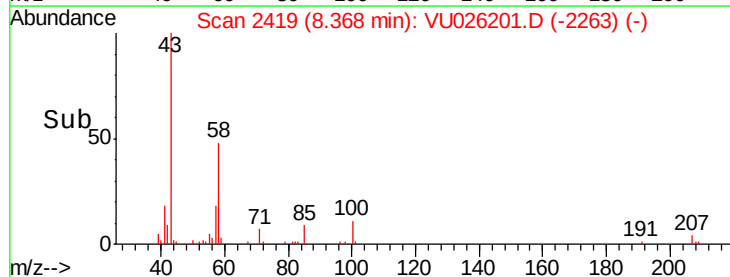
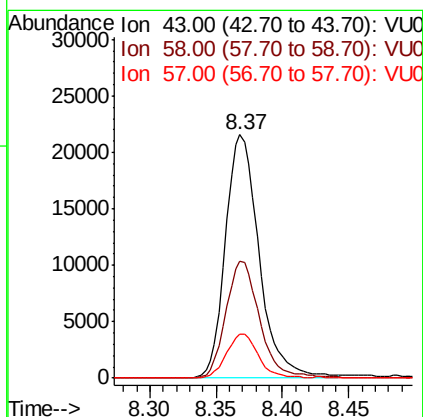
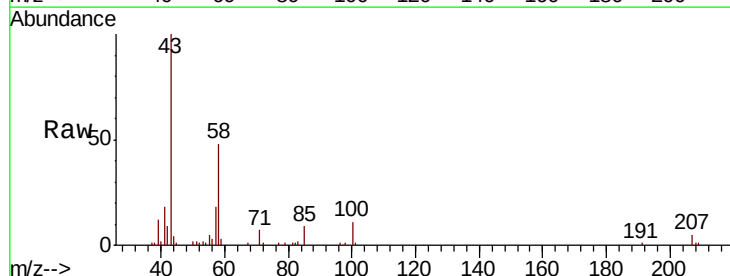
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

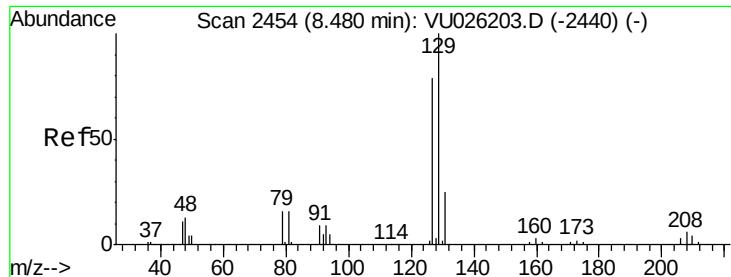
Tgt Ion: 76 Resp: 24919
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.7 38.5



#54
 2-Hexanone
 Concen: 9.637 ug/l
 RT: 8.37 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Tgt Ion: 43 Resp: 38272
 Ion Ratio Lower Upper
 43 100
 58 48.0 32.5 72.5
 57 16.9 0.0 37.9





#55

Dibromochloromethane

Concen: 2.395 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

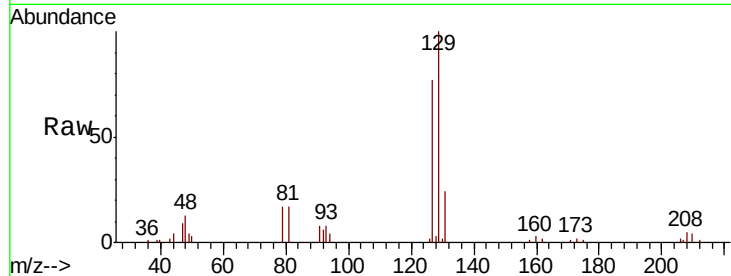
VSTDIC002

Tgt Ion:129 Resp: 20584

Ion Ratio Lower Upper

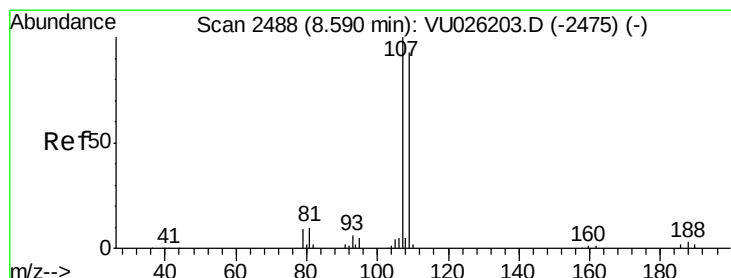
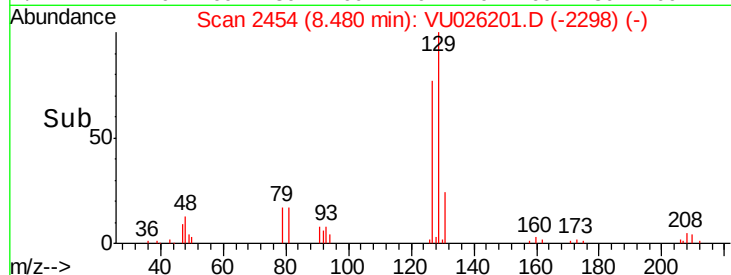
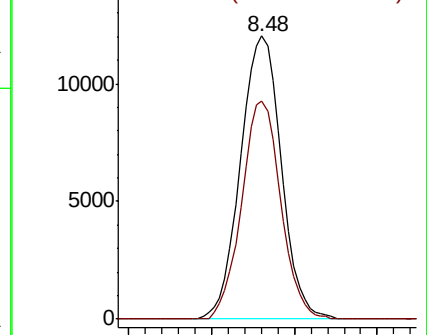
129 100

127 73.9 61.1 91.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 2.195 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU026201.D

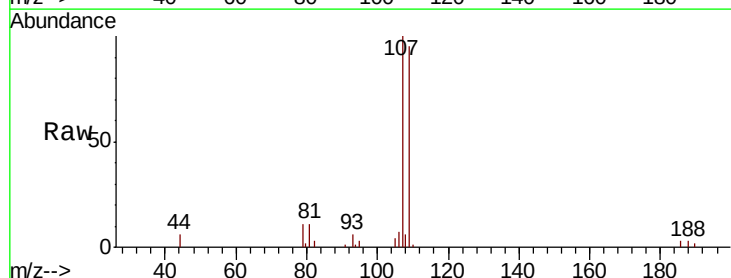
Acq: 20 Aug 2018 12:00

Tgt Ion:107 Resp: 14360

Ion Ratio Lower Upper

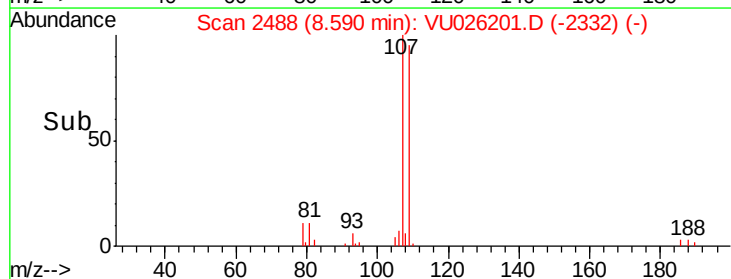
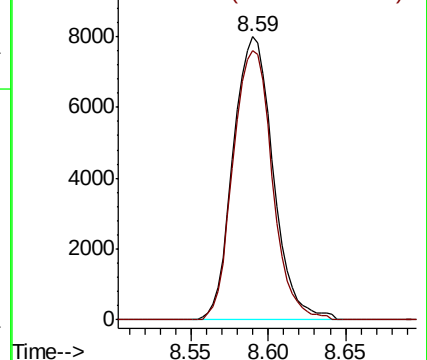
107 100

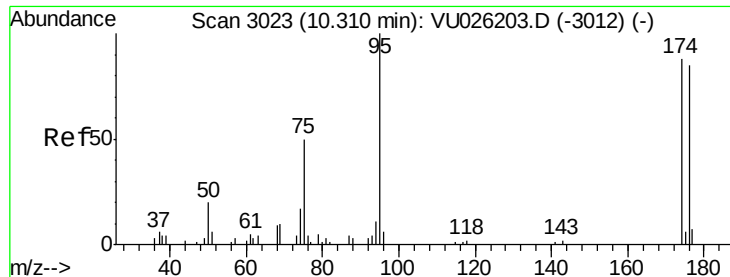
109 93.1 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

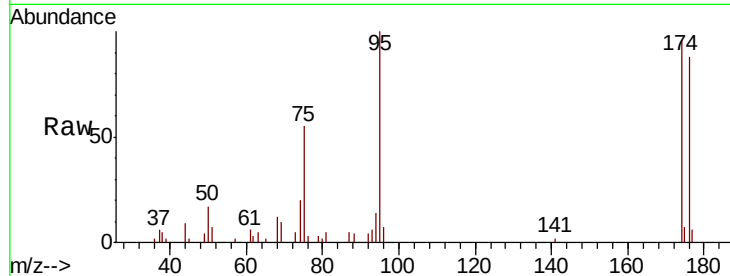




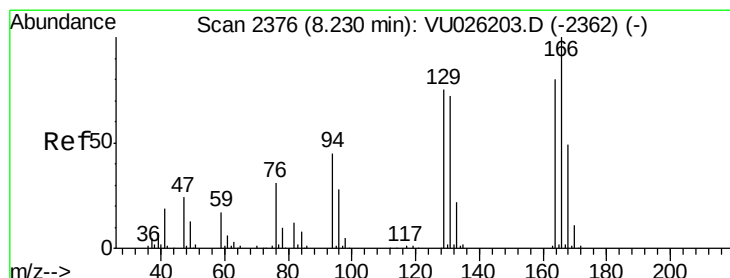
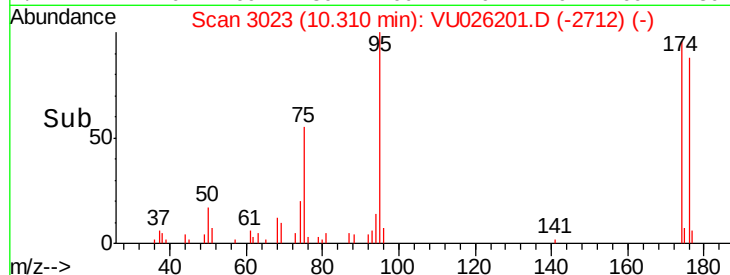
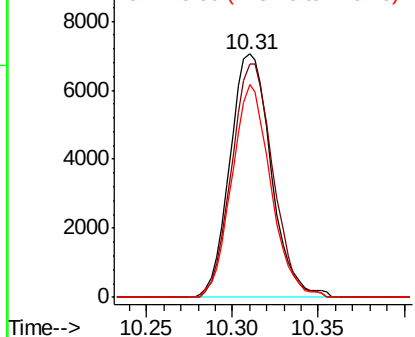
#57
4-Bromofluorobenzene
Concen: 2.195 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 95 Resp: 11756
Ion Ratio Lower Upper
95 100
174 95.5 65.6 98.4
176 82.3 62.0 93.0

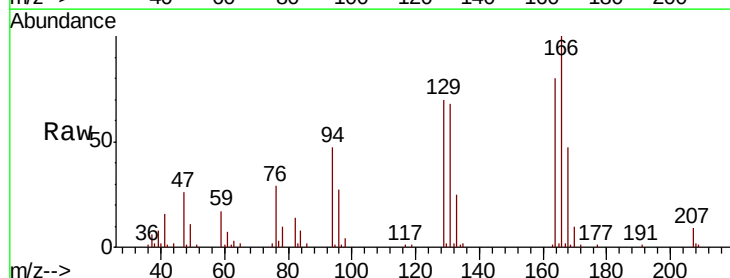


Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

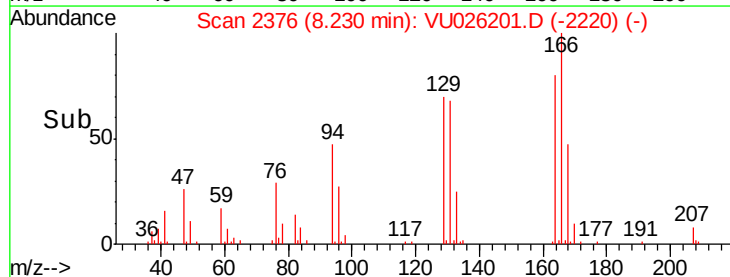
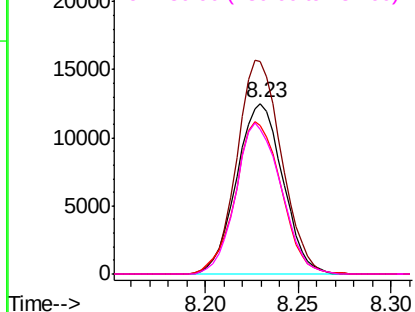


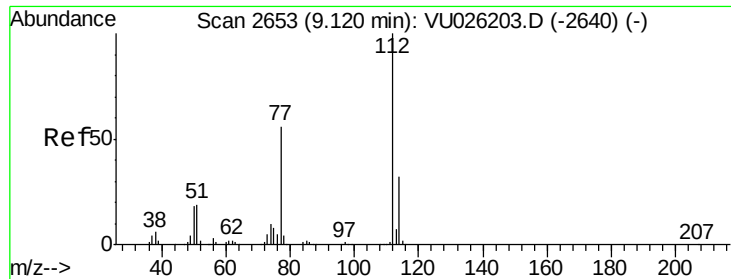
#58
Tetrachloroethene
Concen: 2.200 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Tgt Ion: 164 Resp: 21688
Ion Ratio Lower Upper
164 100
166 124.4 104.1 156.1
129 86.9 76.8 115.2
131 84.9 72.6 108.8



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

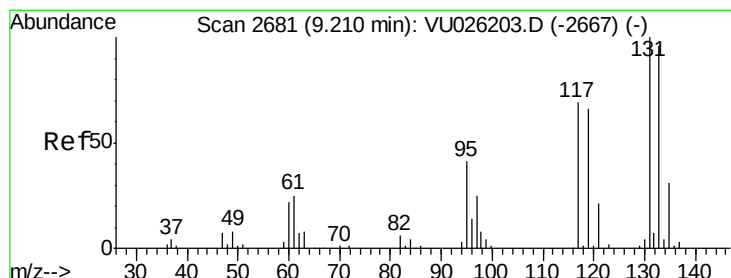
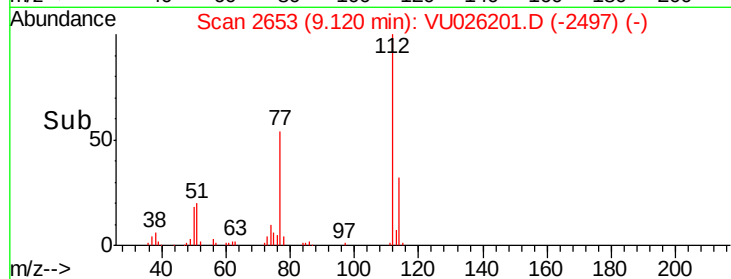
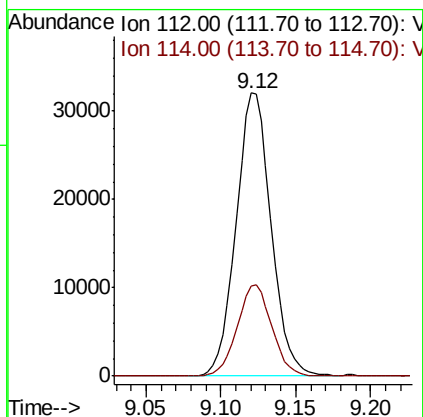
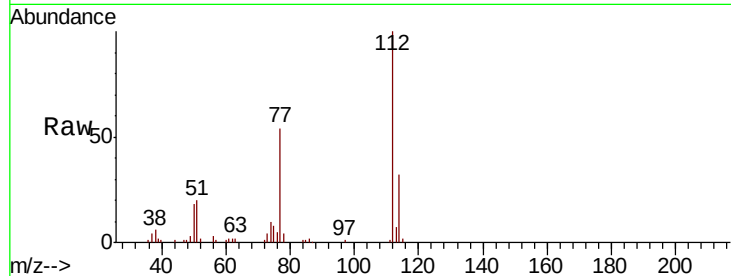




#59
Chlorobenzene
Concen: 1.999 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

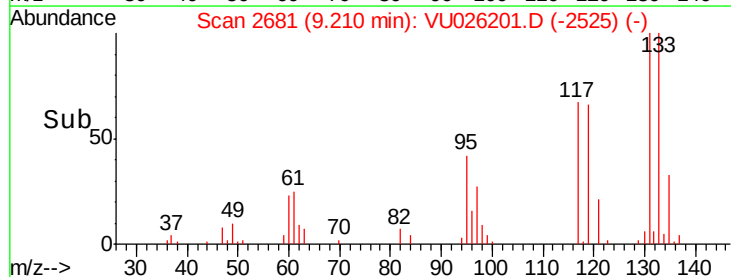
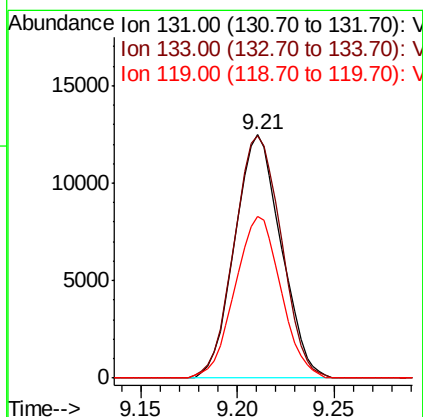
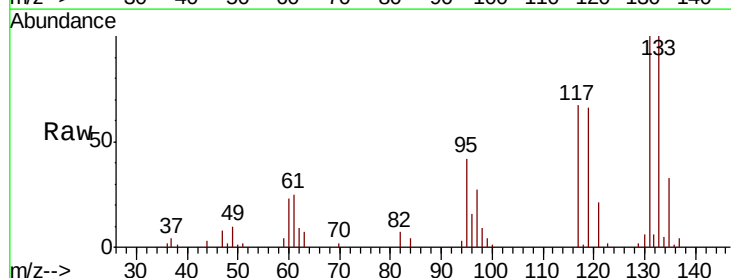
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

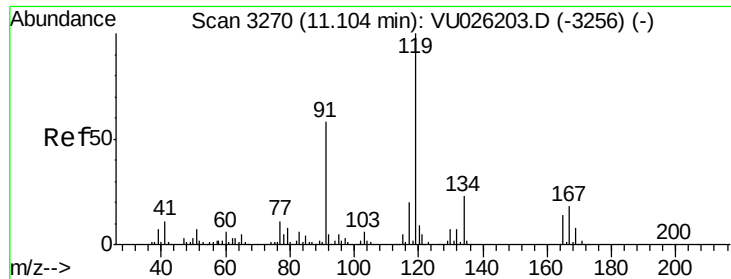
Tgt Ion:112 Resp: 52281
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 2.141 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Tgt Ion:131 Resp: 20793
Ion Ratio Lower Upper
131 100
133 101.0 75.8 113.8
119 65.8 53.0 79.6





#61

Pentachloroethane

Concen: 2.482 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

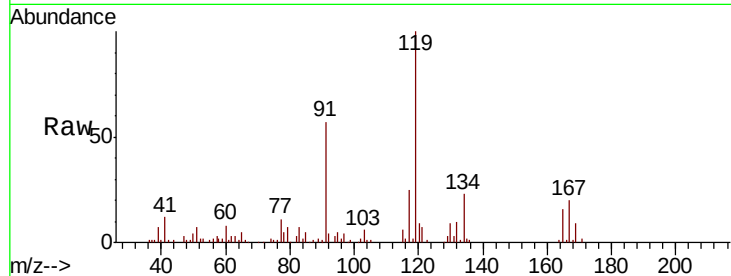
VSTDIC002

Tgt Ion:117 Resp: 18398

Ion Ratio Lower Upper

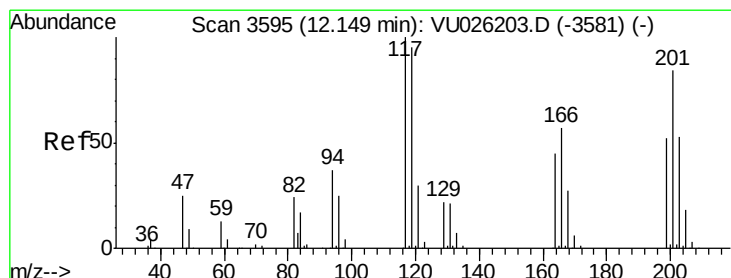
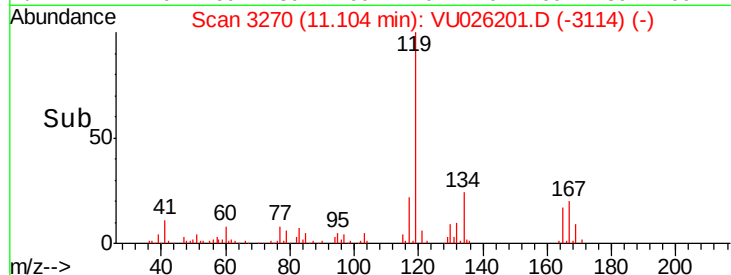
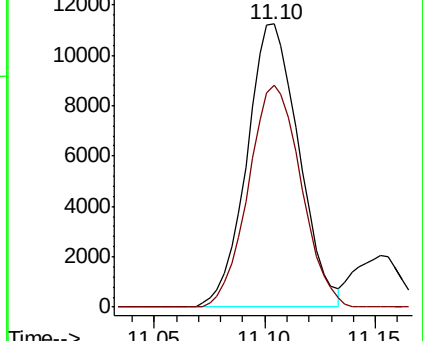
117 100

167 79.2 69.2 103.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 2.402 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU026201.D

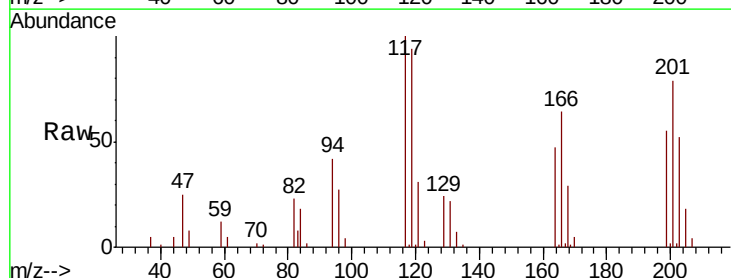
Acq: 20 Aug 2018 12:00

Tgt Ion:117 Resp: 18185

Ion Ratio Lower Upper

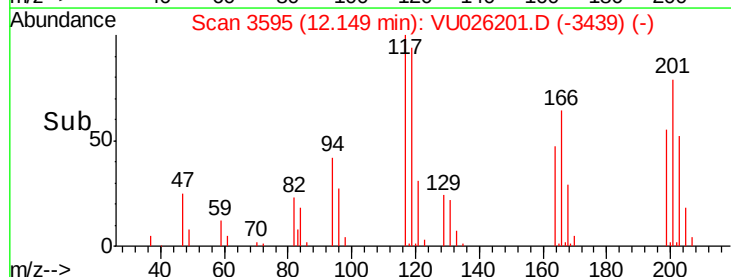
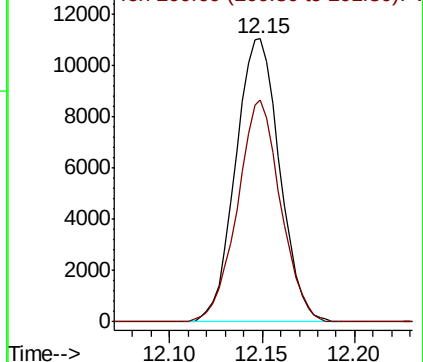
117 100

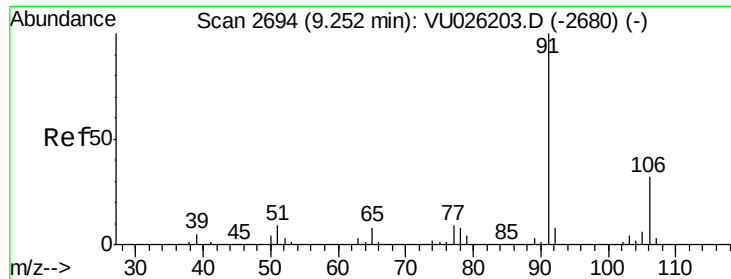
201 76.8 68.7 103.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

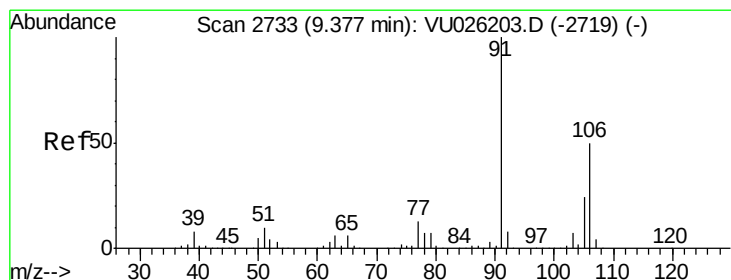
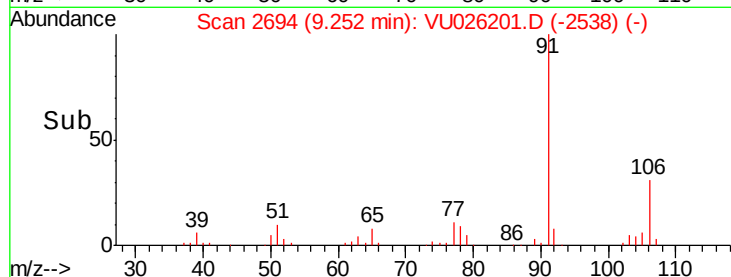
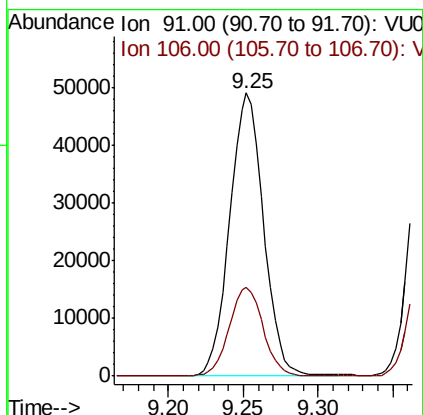
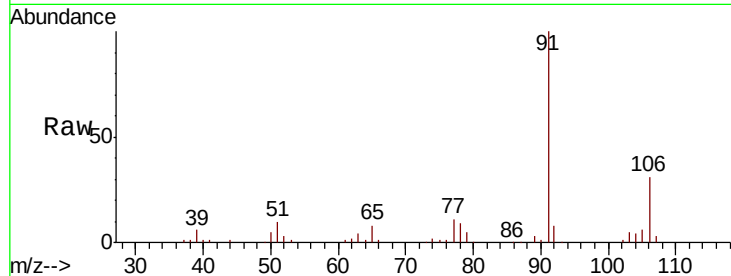




#63
Ethyl Benzene
Concen: 1.777 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

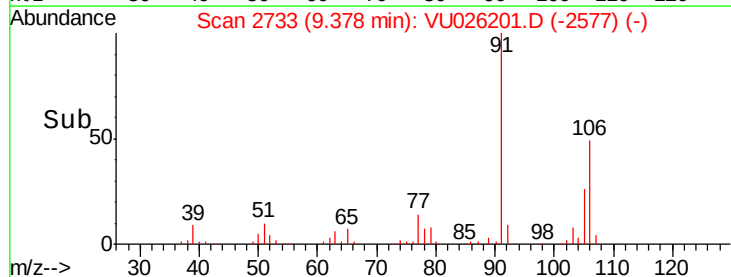
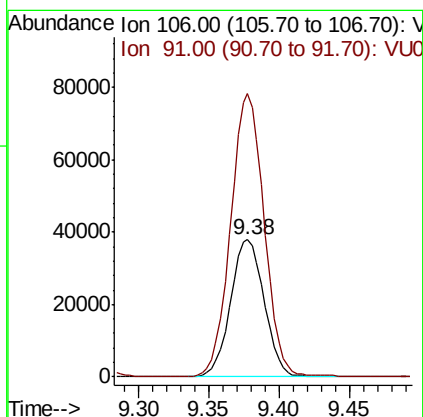
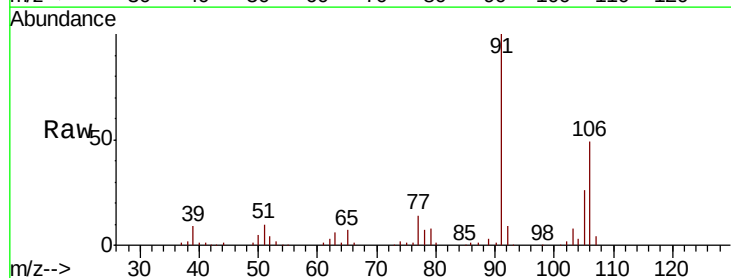
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

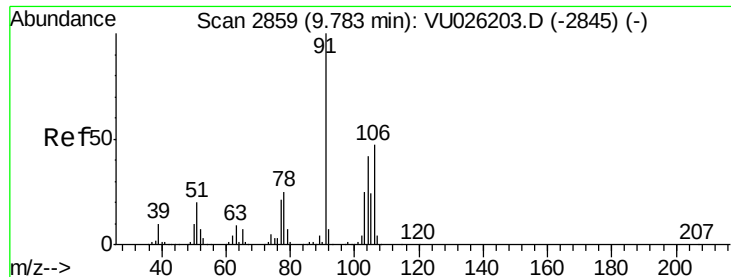
Tgt Ion: 91 Resp: 77333
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1



#64
m/p-Xylenes
Concen: 3.712 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Tgt Ion: 106 Resp: 63485
Ion Ratio Lower Upper
106 100
91 203.6 164.1 246.1

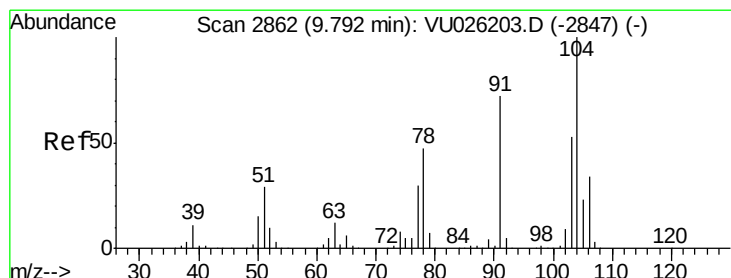
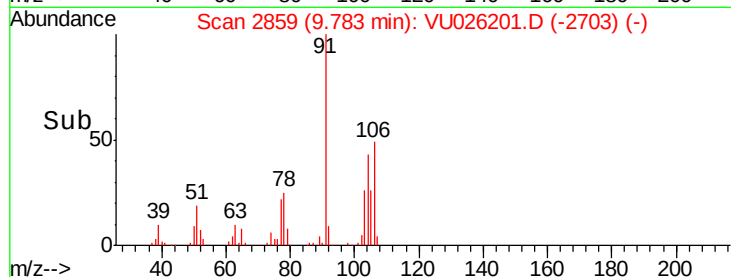
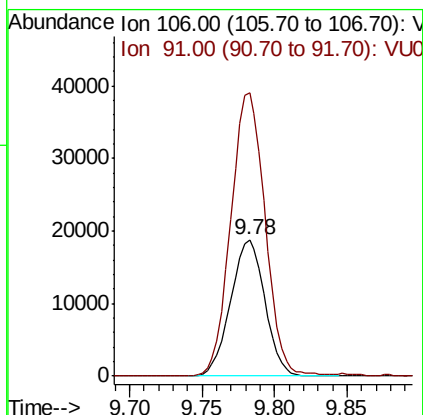
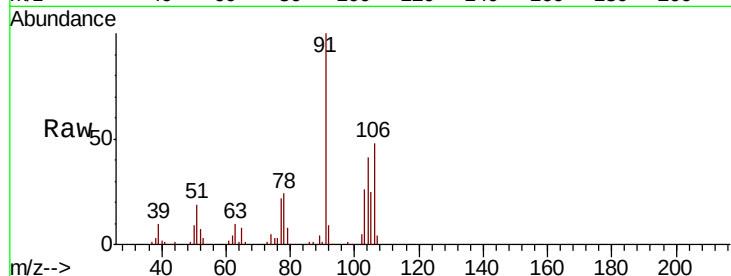




#65
o-Xylene
Concen: 1.892 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

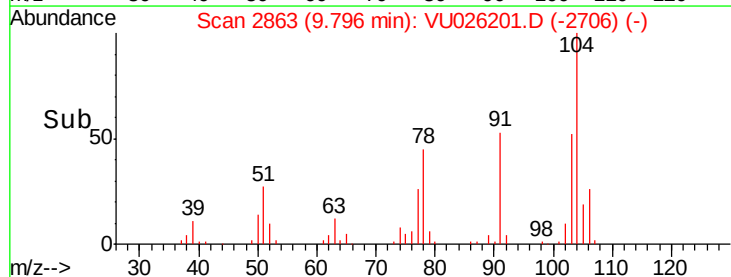
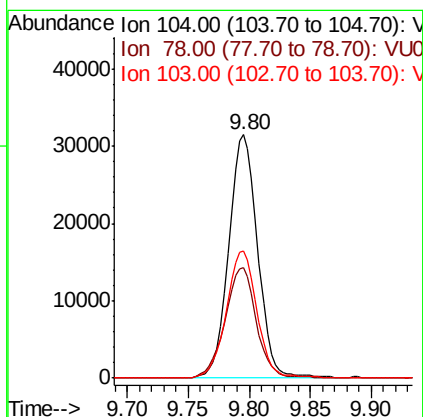
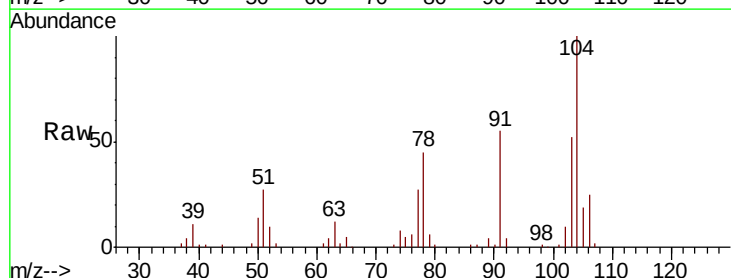
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

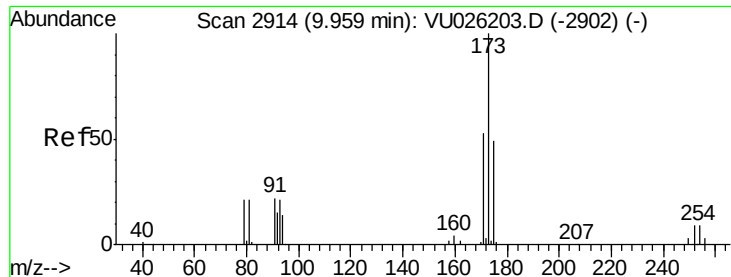
Tgt Ion:106 Resp: 30840
Ion Ratio Lower Upper
106 100
91 208.0 107.9 323.7



#66
Styrene
Concen: 1.881 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Tgt Ion:104 Resp: 52077
Ion Ratio Lower Upper
104 100
78 49.2 40.2 60.2
103 55.4 44.2 66.4

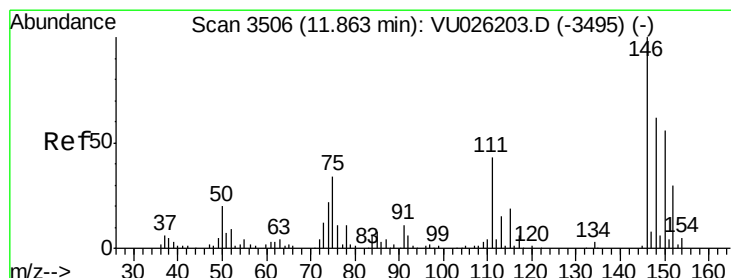
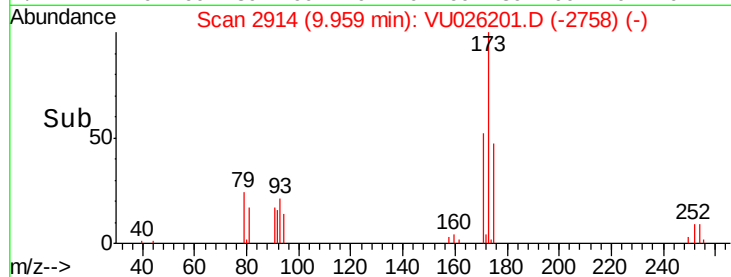
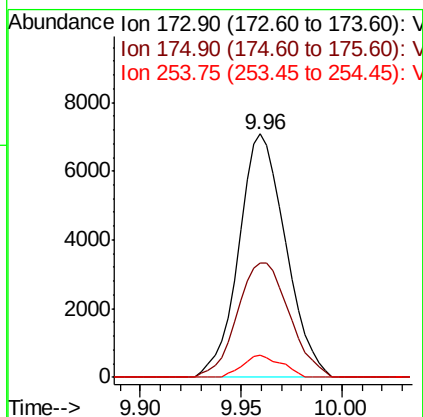
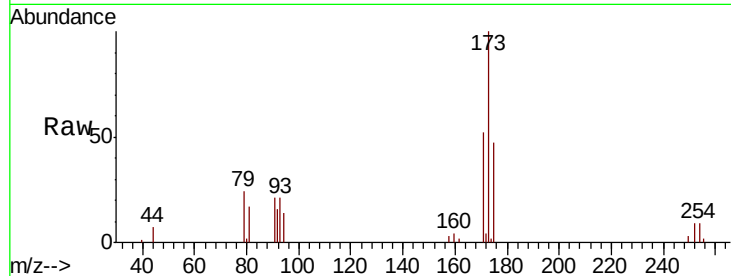




#67
Bromoform
Concen: 2.268 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

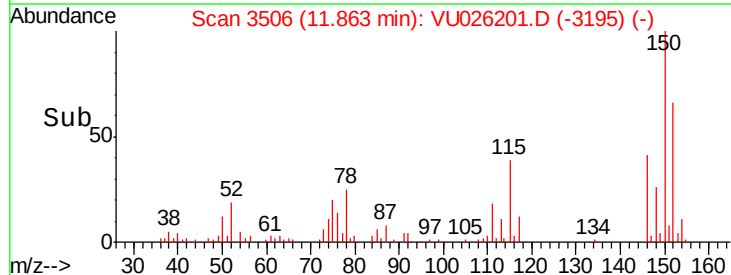
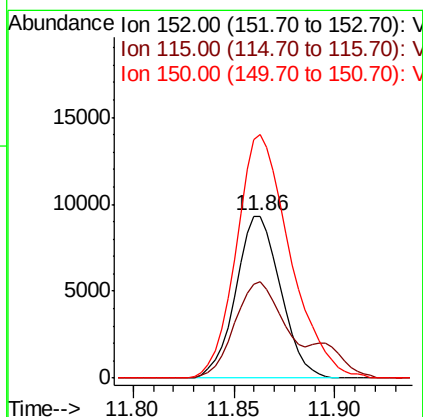
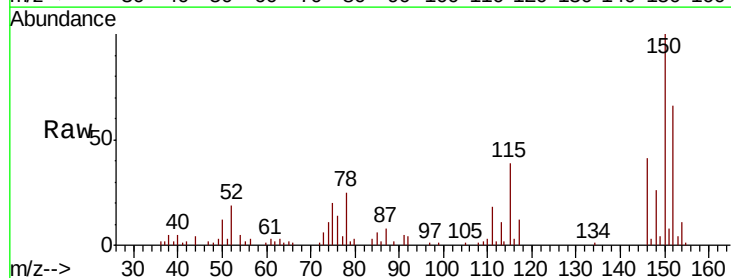
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

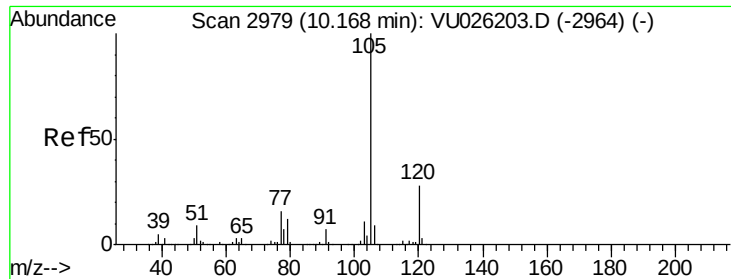
Tgt Ion:173 Resp: 11502
Ion Ratio Lower Upper
173 100
175 52.2 38.6 57.8
254 7.6 8.8 13.2#



#68
1,2-Dichlorobenzene-d4
Concen: 2.268 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Tgt Ion:152 Resp: 14485
Ion Ratio Lower Upper
152 100
115 66.5 0.0 118.8
150 179.7 0.0 0.0#





#69

Isopropylbenzene

Concen: 1.790 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

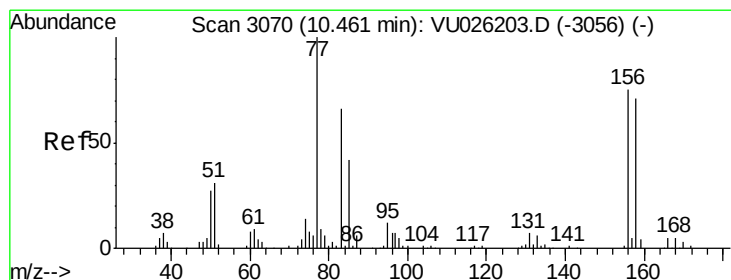
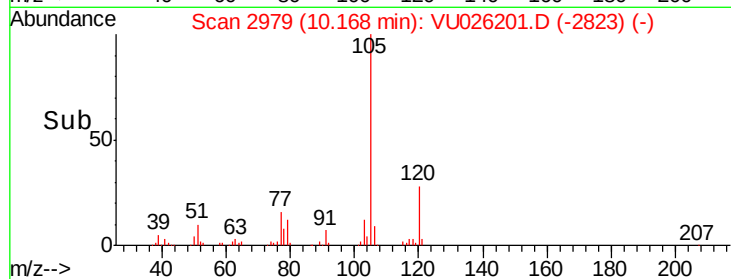
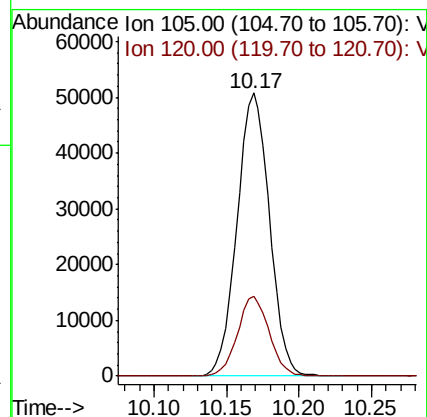
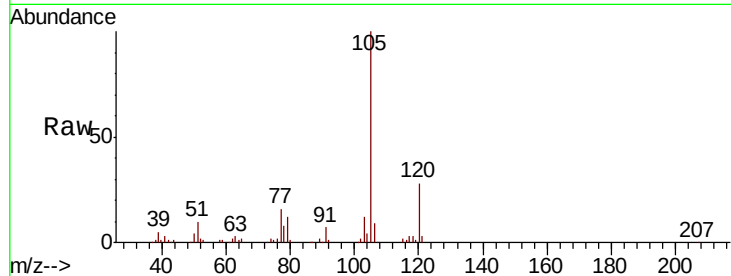
VSTDIC002

Tgt Ion:105 Resp: 78835

Ion Ratio Lower Upper

105 100

120 27.4 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 2.238 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. -0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

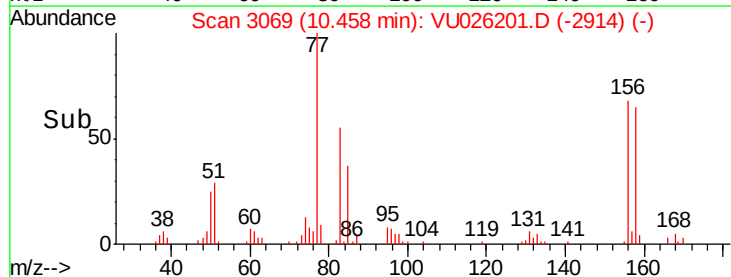
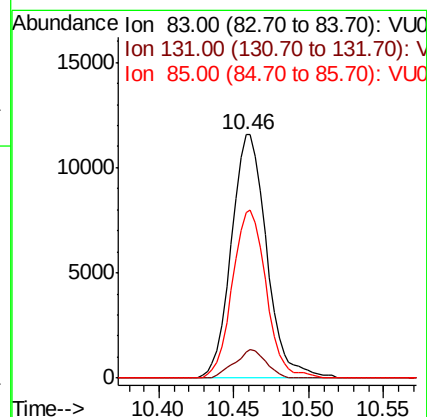
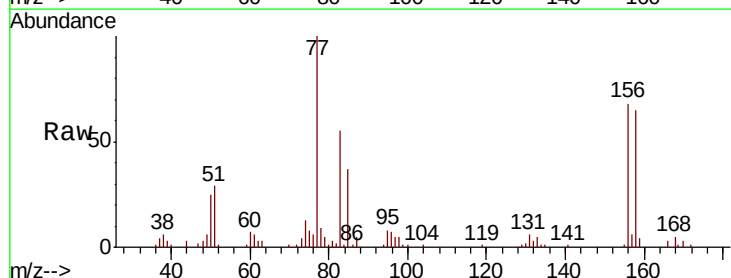
Tgt Ion: 83 Resp: 19007

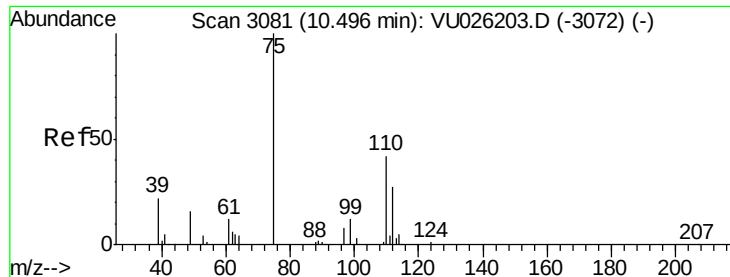
Ion Ratio Lower Upper

83 100

131 10.3 7.9 11.9

85 65.9 51.8 77.6

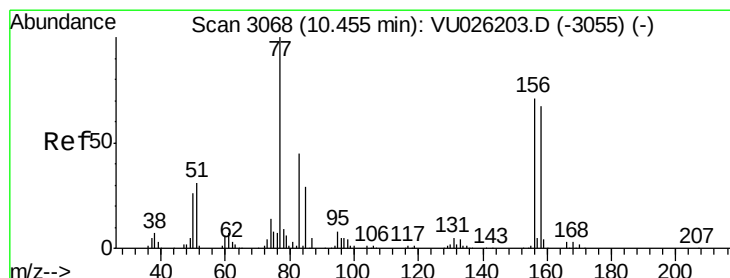
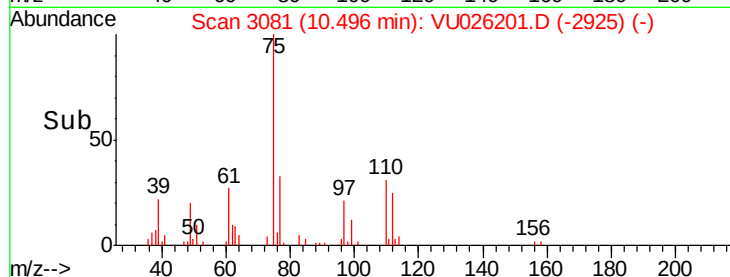
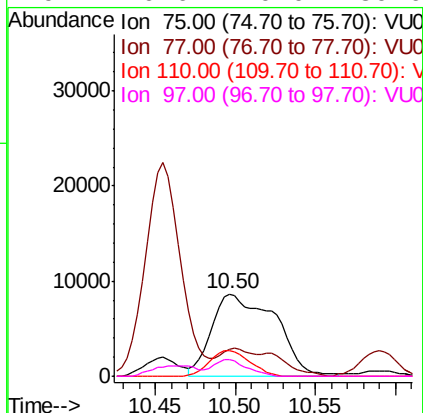
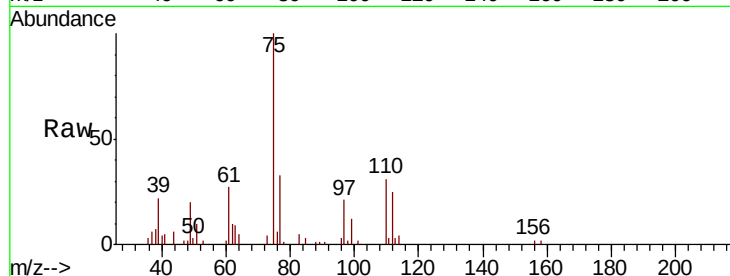




#71
 1,2,3-Trichloropropane
 Concen: 3.565 ug/l
 RT: 10.50 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

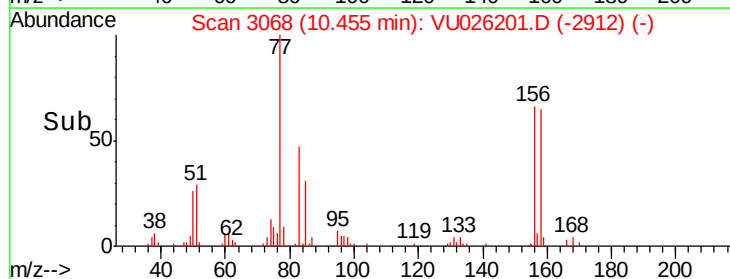
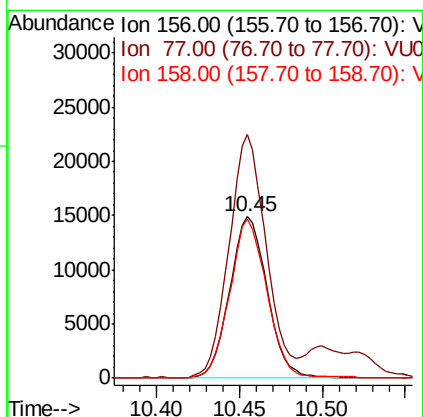
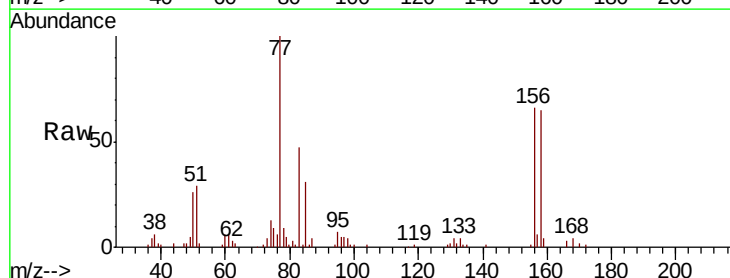
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

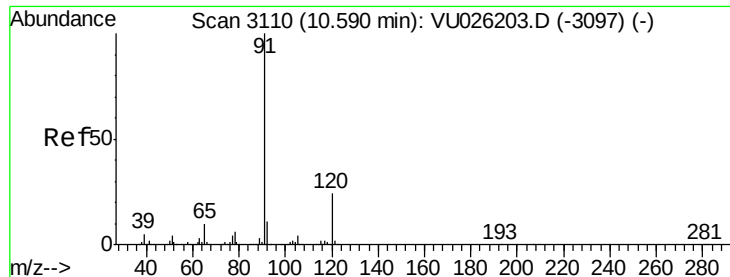
Tgt Ion:	75	Resp:	23602
Ion	Ratio	Lower	Upper
75	100		
77	5.2	0.0	0.0#
110	19.8	0.0	74.0
97	10.6	0.0	39.6



#72
 Bromobenzene
 Concen: 2.046 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Tgt Ion:	156	Resp:	23400
Ion	Ratio	Lower	Upper
156	100		
77	149.5	0.0	309.8
158	97.3	0.0	193.0

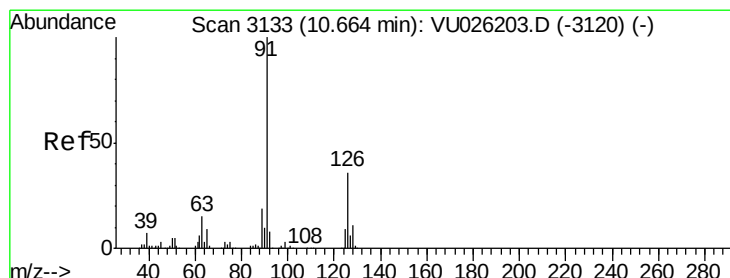
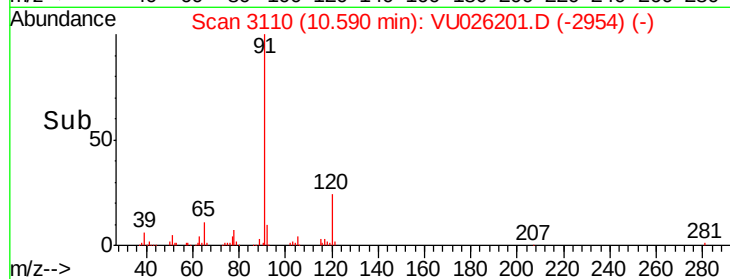
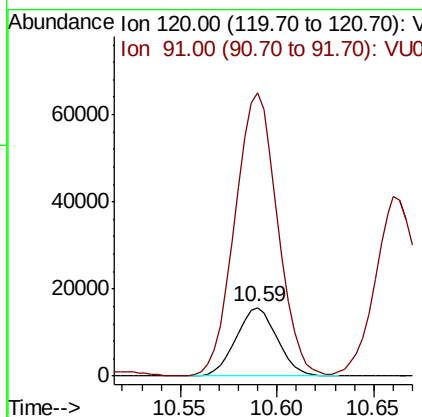
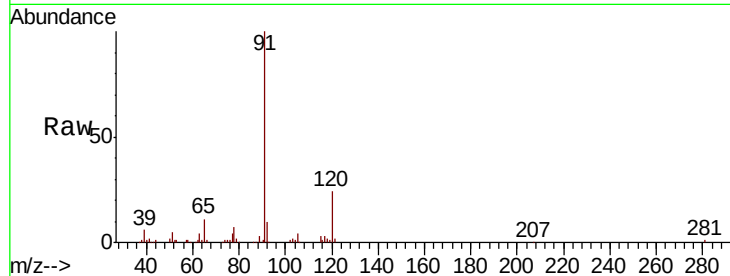




#73
n-propylbenzene
Concen: 1.874 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

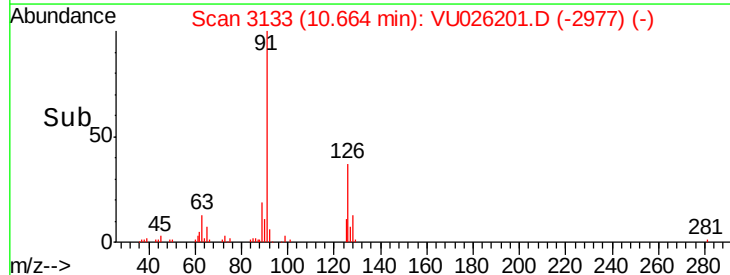
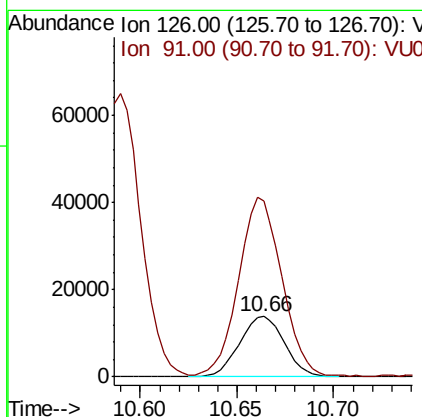
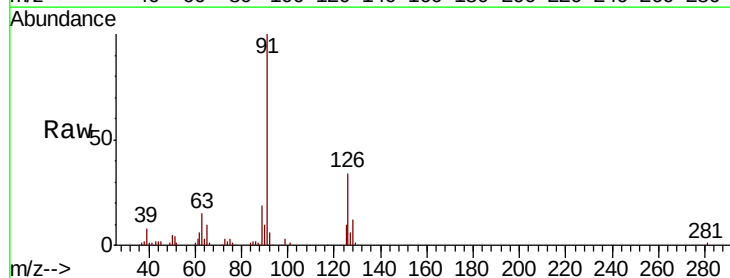
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

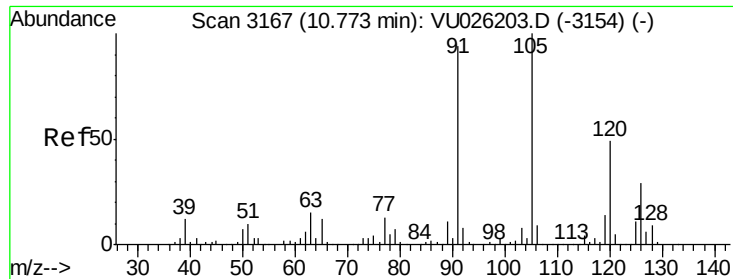
Tgt Ion:120 Resp: 23254
Ion Ratio Lower Upper
120 100
91 427.9 352.2 528.4



#74
2-Chlorotoluene
Concen: 2.044 ug/l
RT: 10.66 min Scan# 3133
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Tgt Ion:126 Resp: 22335
Ion Ratio Lower Upper
126 100
91 284.8 0.0 613.0





#75

1,3,5-Trimethylbenzene

Concen: 1.854 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

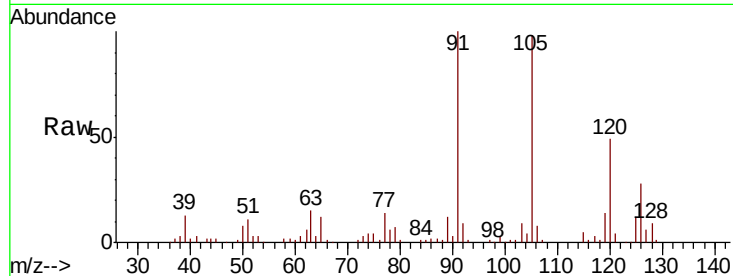
VSTDIC002

Tgt Ion:105 Resp: 71311

Ion Ratio Lower Upper

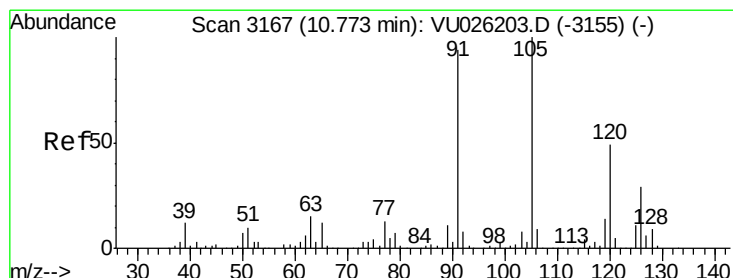
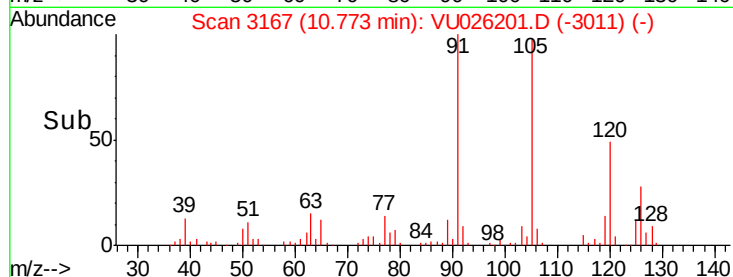
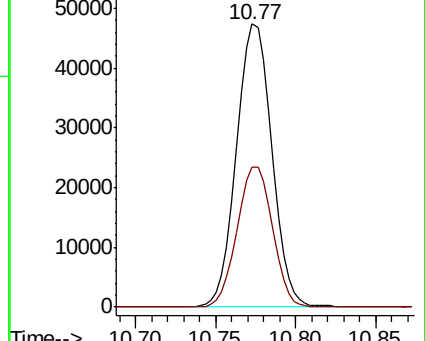
105 100

120 49.4 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.981 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU026201.D

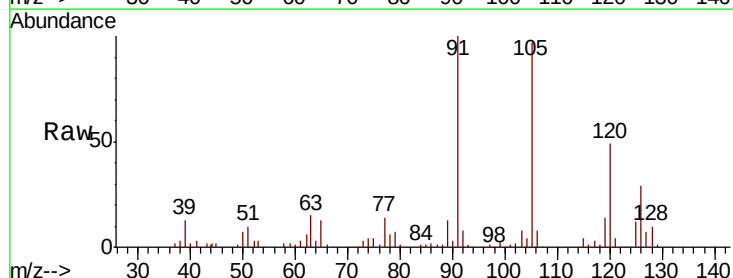
Acq: 20 Aug 2018 12:00

Tgt Ion:126 Resp: 22749

Ion Ratio Lower Upper

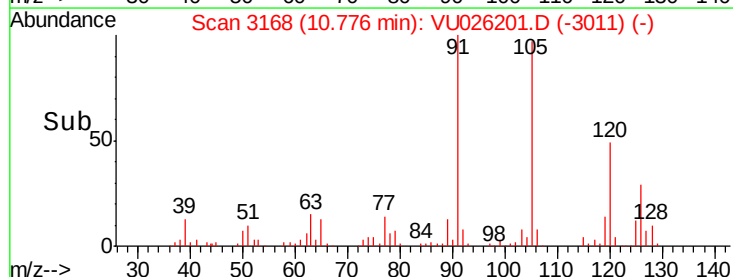
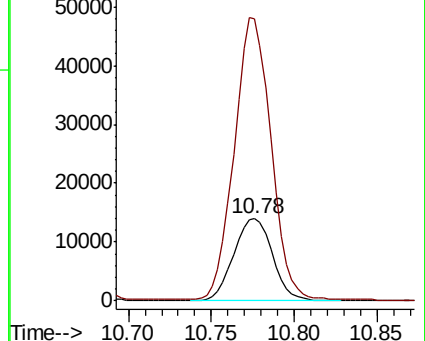
126 100

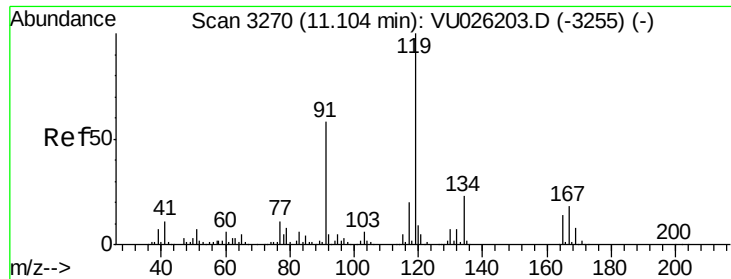
91 324.6 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

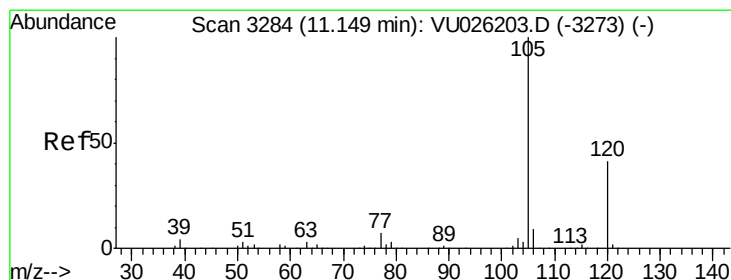
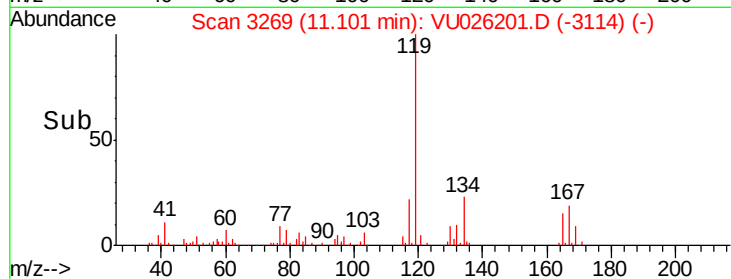
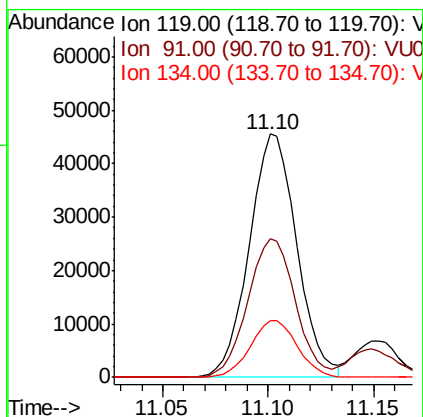
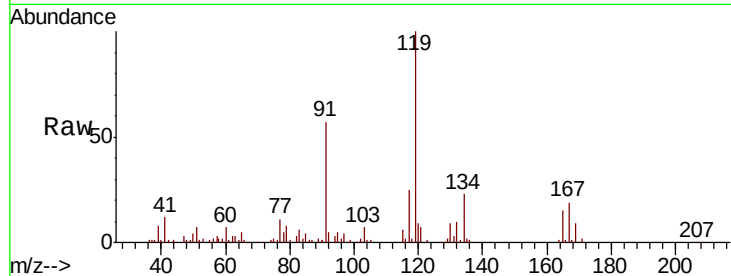




#77
 tert-Butylbenzene
 Concen: 1.881 ug/l
 RT: 11.10 min Scan# 3269
 Delta R.T. -0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

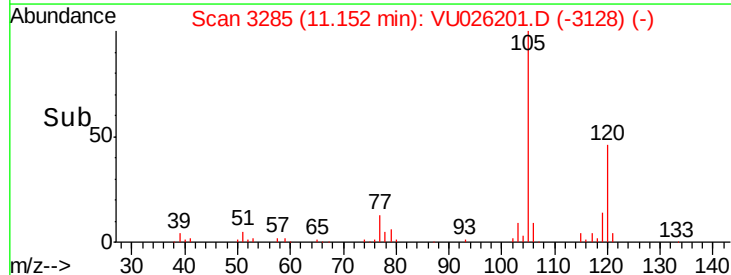
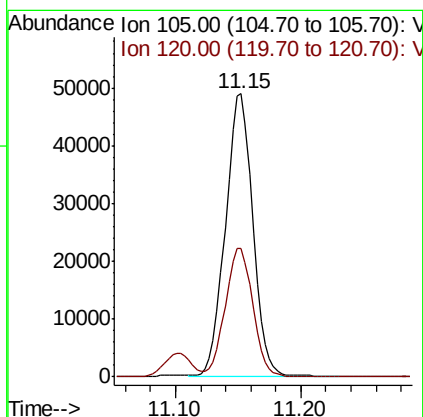
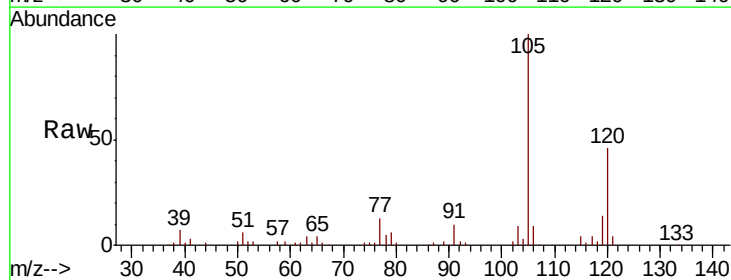
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

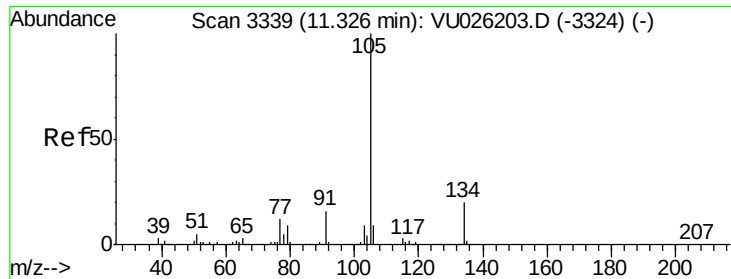
Tgt Ion:119 Resp: 71325
 Ion Ratio Lower Upper
 119 100
 91 57.3 29.6 88.8
 134 23.1 19.1 28.7



#78
 1,2,4-Trimethylbenzene
 Concen: 1.896 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Tgt Ion:105 Resp: 74411
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.3





#79

sec-Butylbenzene

Concen: 1.914 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

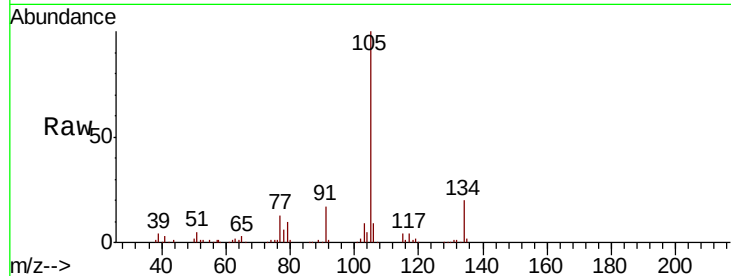
VSTDIC002

Tgt Ion: 105 Resp: 95399

Ion Ratio Lower Upper

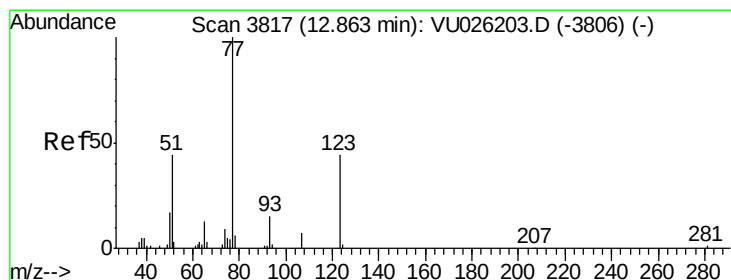
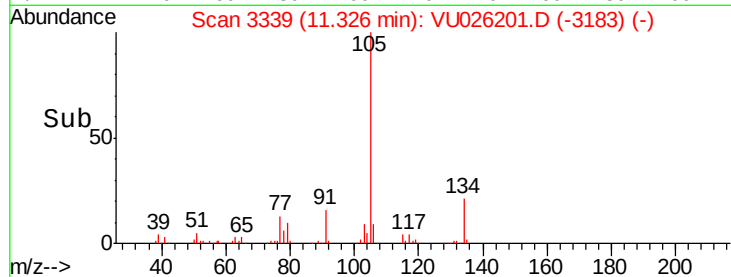
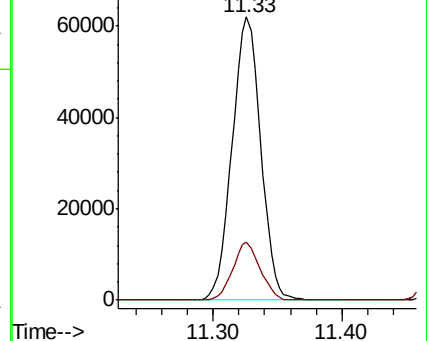
105 100

134 19.5 15.6 23.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 14.929 ug/l

RT: 12.86 min Scan# 3817

Delta R.T. 0.00 min

Lab File: VU026201.D

Acq: 20 Aug 2018 12:00

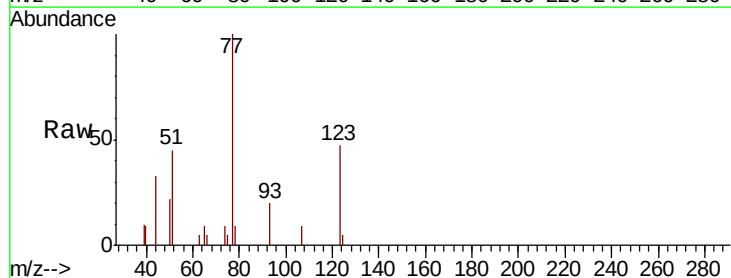
Tgt Ion: 77 Resp: 3860

Ion Ratio Lower Upper

77 100

123 42.7 19.4 68.6

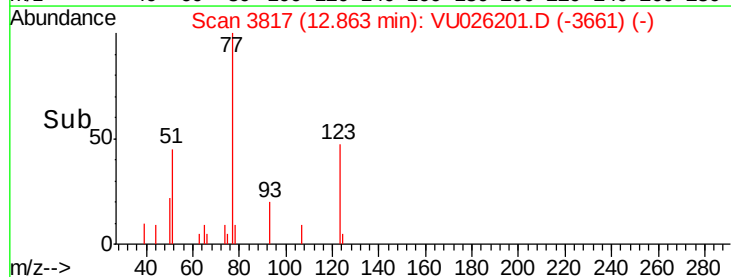
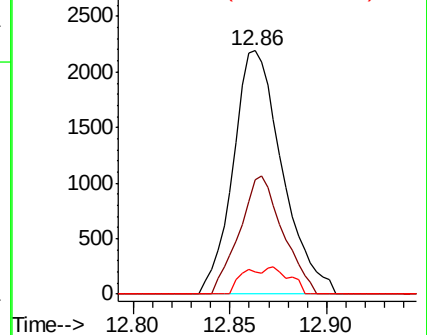
65 4.6 11.2 14.2#

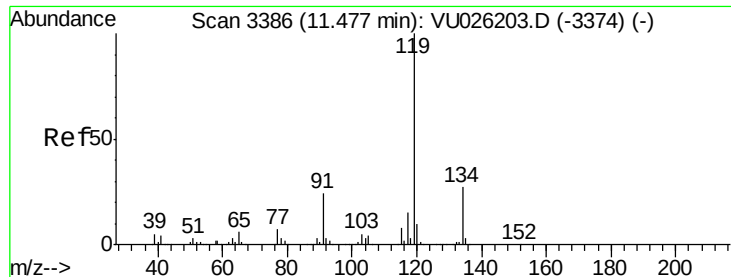


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

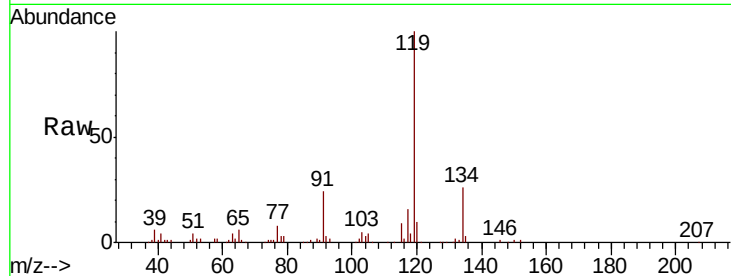




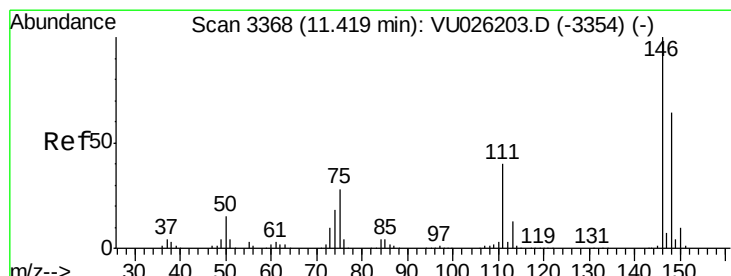
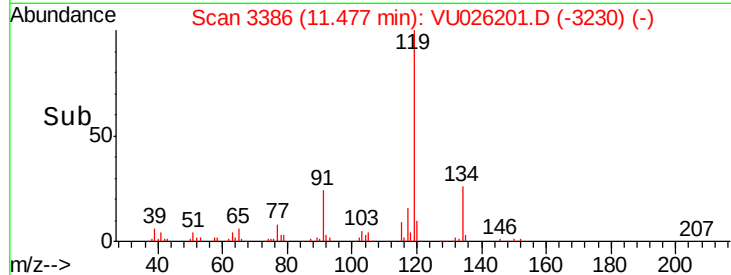
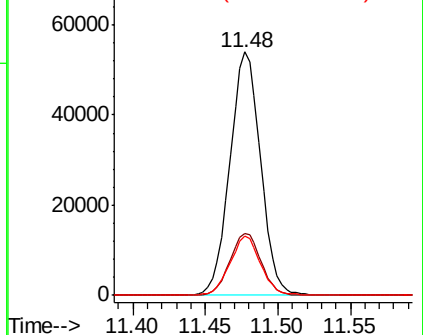
#81
 p-Isopropyltoluene
 Concen: 1.882 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:119 Resp: 79505
 Ion Ratio Lower Upper
 119 100
 134 25.7 20.9 31.3
 91 24.3 18.2 27.2

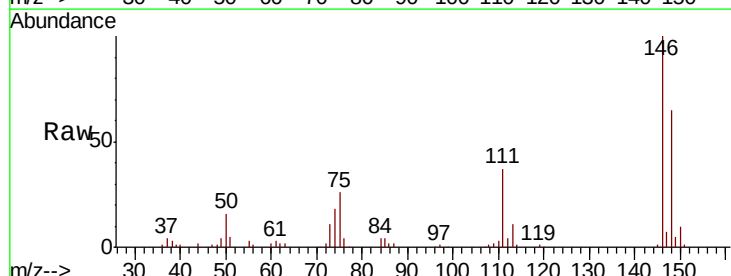


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

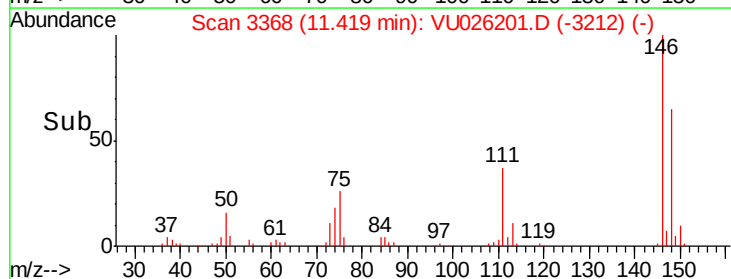
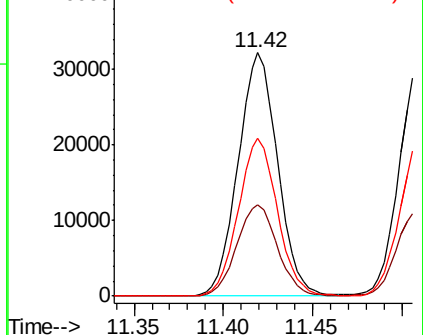


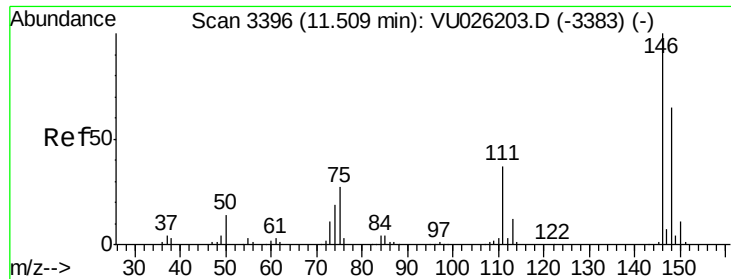
#82
 1,3-Dichlorobenzene
 Concen: 2.106 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Tgt Ion:146 Resp: 49532
 Ion Ratio Lower Upper
 146 100
 111 38.6 31.8 47.6
 148 64.5 51.0 76.4



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

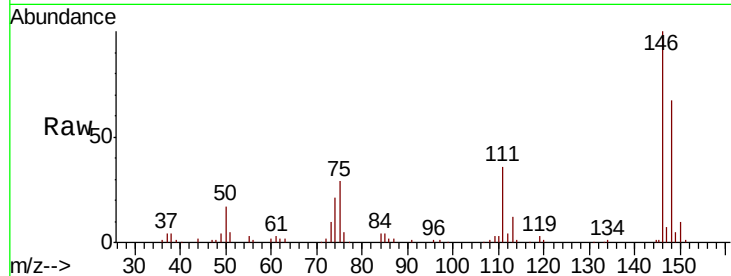




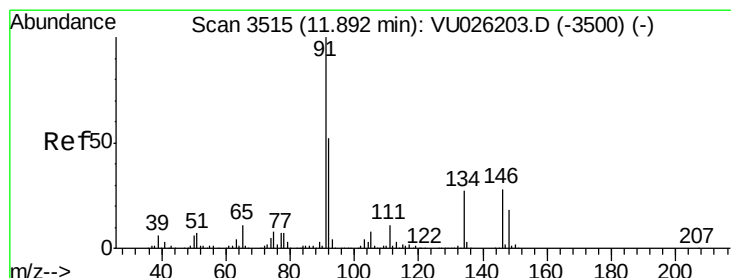
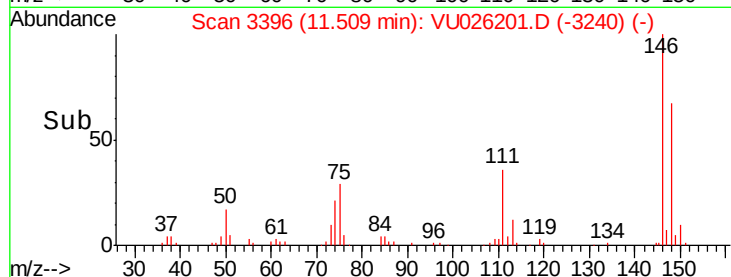
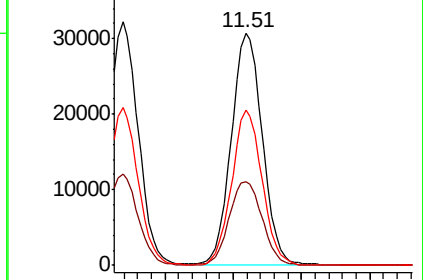
#83
 1,4-Dichlorobenzene
 Concen: 2.128 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:146 Resp: 48802
 Ion Ratio Lower Upper
 146 100
 111 38.1 30.1 45.1
 148 65.2 50.6 76.0

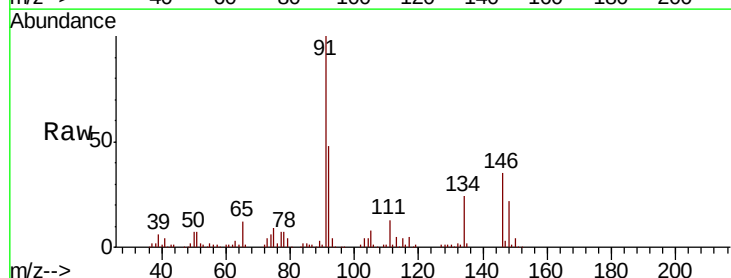


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

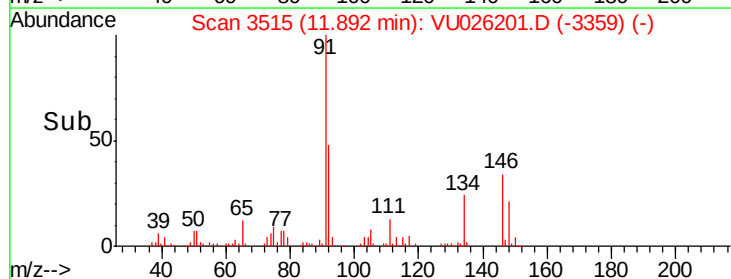
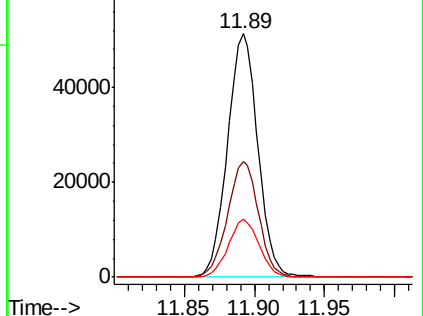


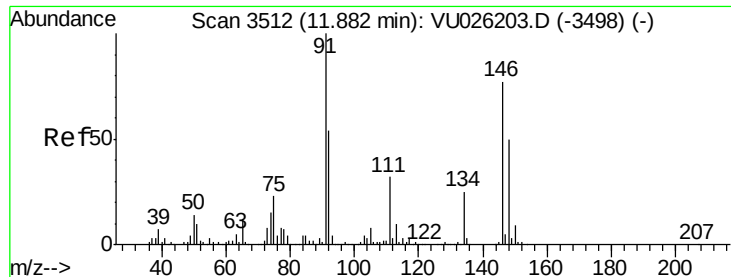
#84
 n-Butylbenzene
 Concen: 1.949 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Tgt Ion: 91 Resp: 77261
 Ion Ratio Lower Upper
 91 100
 92 48.2 42.2 63.2
 134 24.0 20.3 30.5



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

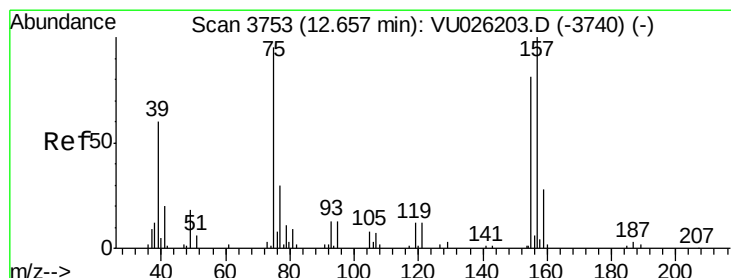
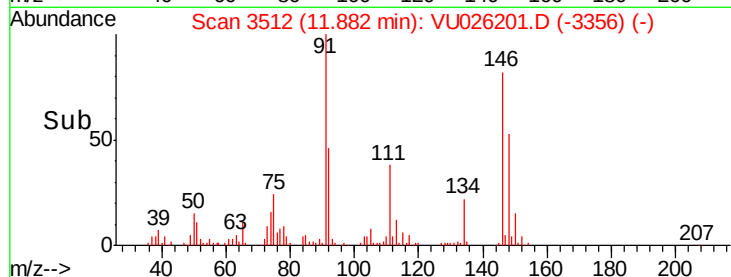
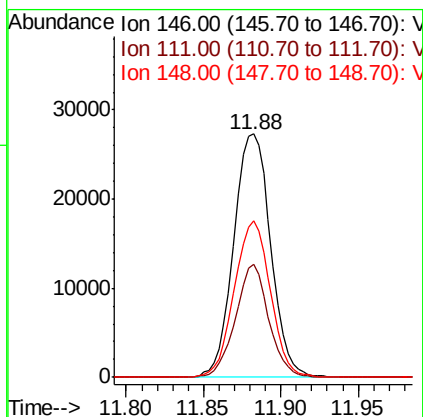
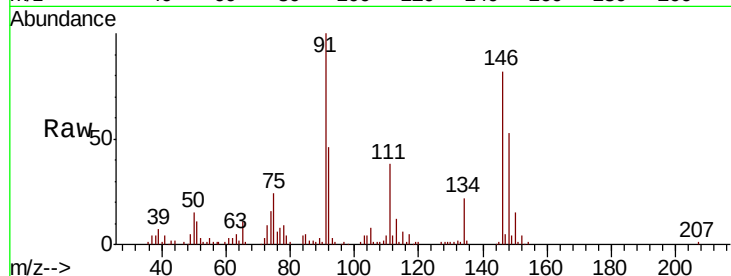




#85
 1,2-Dichlorobenzene
 Concen: 2.109 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

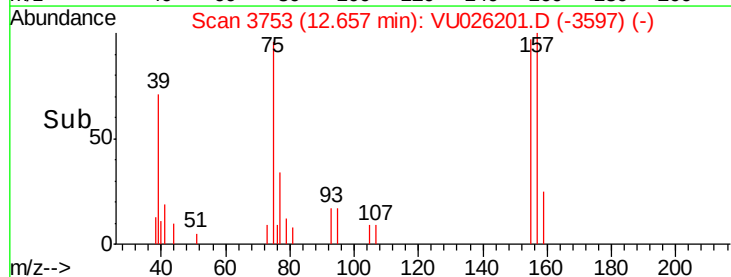
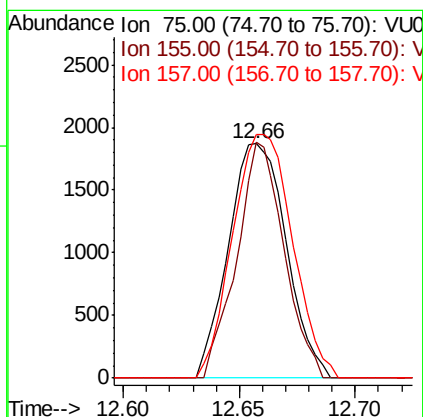
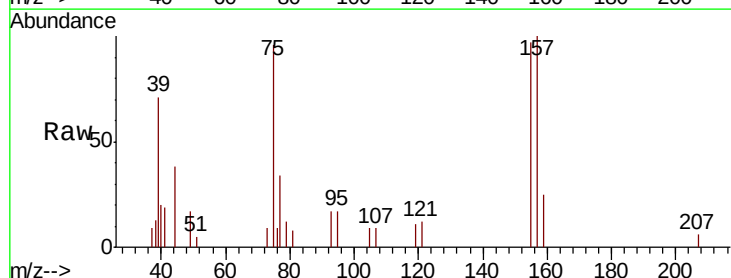
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

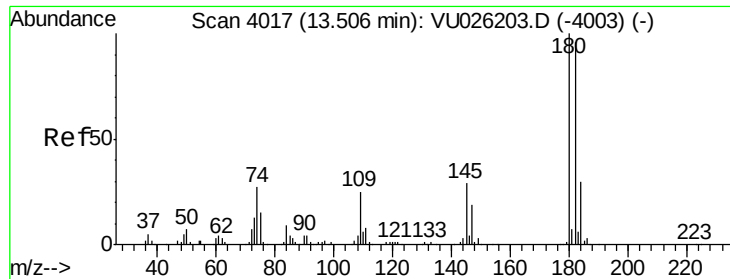
Tgt Ion: 146 Resp: 45288
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.7 62.1
 148 62.7 31.9 95.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.311 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Tgt Ion: 75 Resp: 3239
 Ion Ratio Lower Upper
 75 100
 155 82.3 65.8 98.6
 157 107.7 83.5 125.3

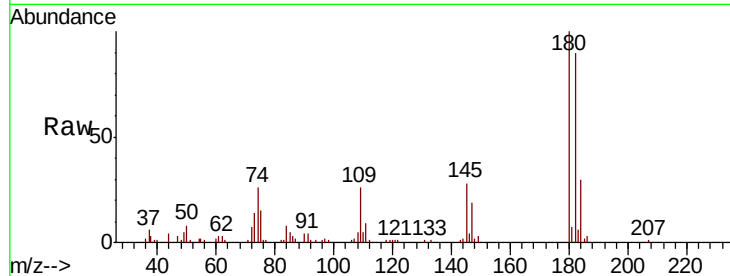




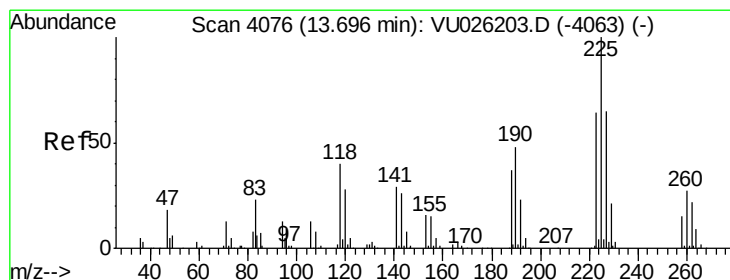
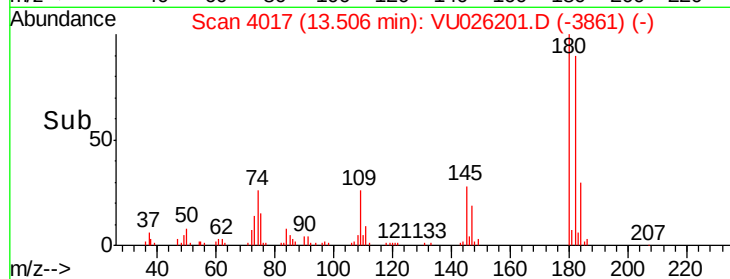
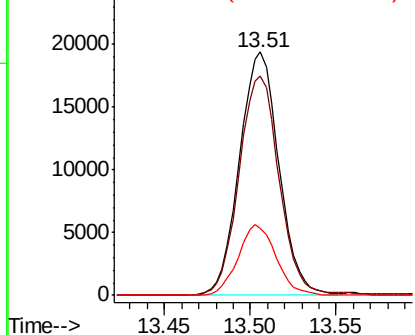
#87
 1,2,4-Trichlorobenzene
 Concen: 2.068 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:180 Resp: 30927
 Ion Ratio Lower Upper
 180 100
 182 91.7 77.1 115.7
 145 27.8 23.3 34.9

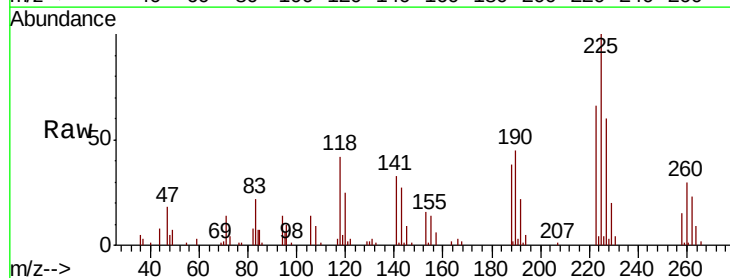


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

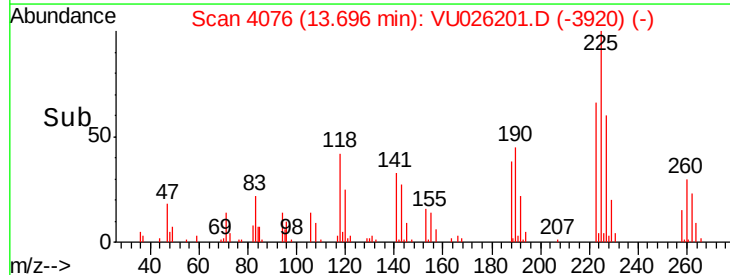
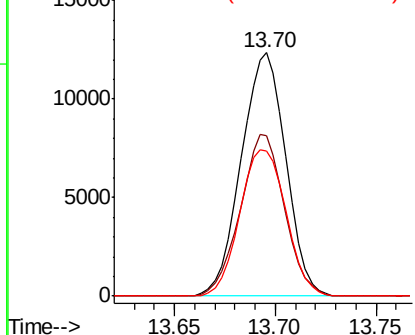


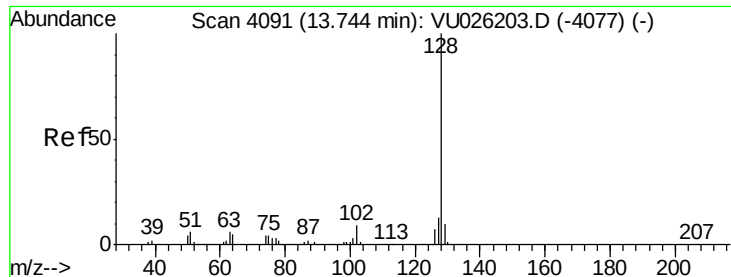
#88
 Hexachlorobutadiene
 Concen: 2.080 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU026201.D
 Acq: 20 Aug 2018 12:00

Tgt Ion:225 Resp: 19108
 Ion Ratio Lower Upper
 225 100
 223 65.8 50.6 75.8
 227 62.4 51.8 77.6



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

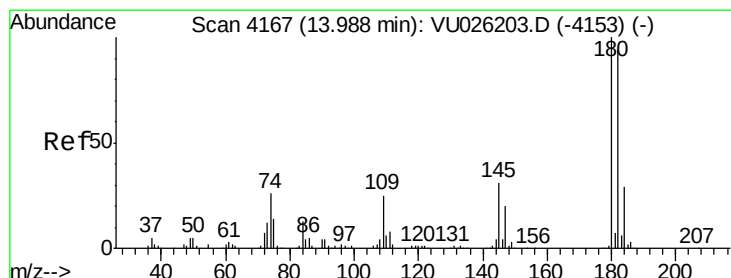
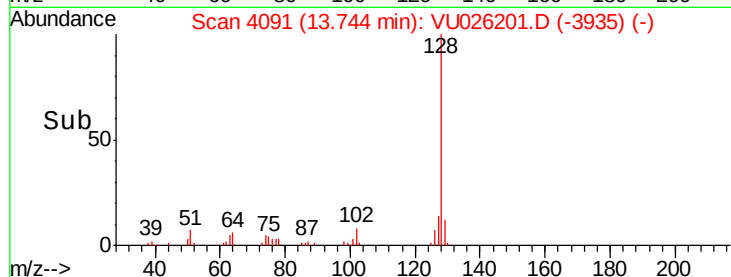
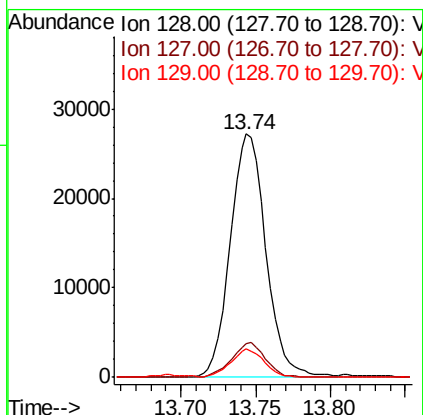
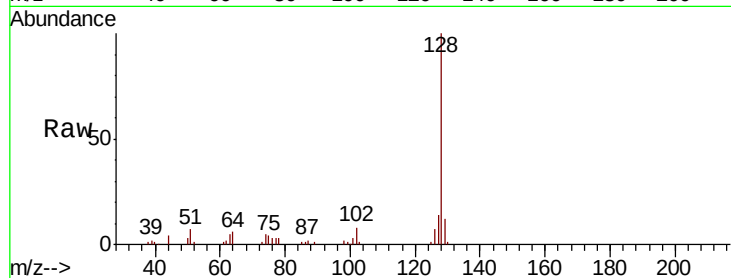




#89
Naphthalene
Concen: 1.863 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:128 Resp: 45210
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 2.078 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. 0.00 min
Lab File: VU026201.D
Acq: 20 Aug 2018 12:00

Tgt Ion:180 Resp: 28399
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
145 30.5 24.6 36.8

