

Data File : VU033361.D
Acq On : 22 Jul 2019 19:16
Operator : JC/SP
Sample : VSTDIC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Quant Time: Jul 23 01:49:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	26165	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.30	95	9824	1.05	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	10522	1.19	ug/l	0.00
Spiked Amount	1.000		Recovery	=	119.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	11107	0.951 ug/l	99
3) Chloromethane	1.32	50	12821	0.930 ug/l	99
4) Vinyl Chloride	1.40	62	13718	1.022 ug/l	99
5) Bromomethane	1.62	94	8548	1.255 ug/l	99
6) Chloroethane	1.69	64	9927	1.260 ug/l	98
7) Trichlorofluoromethane	1.87	101	19090	1.210 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	9696	1.241 ug/l	97
9) 1,1-Dichloroethene	2.27	96	9887	1.273 ug/l	94
10) Iodomethane	2.40	142	12266	1.381 ug/l	100
11) Allyl Chloride	2.58	41	15858	0.977 ug/l	96
12) Acrylonitrile	2.93	53	5905	2.544 ug/l	96
13) Acetone	2.32	43	12321	5.896 ug/l	96
14) Carbon Disulfide	2.46	76	36174	1.217 ug/l	98
15) Methylene Chloride	2.68	84	13362	1.354 ug/l	95
16) trans-1,2-Dichloroethene	2.96	96	11958	1.369 ug/l	98
17) 1,1-Dichloroethane	3.42	63	15511	0.911 ug/l	98
18) 2-Butanone	4.28	43	9989	3.839 ug/l	99
19) Cyclohexane	4.96	56	9053	0.699 ug/l	87
20) Methylcyclohexane	6.39	83	9458	0.881 ug/l	92
21) 2,2-Dichloropropane	4.20	77	13534	1.073 ug/l	97
22) cis-1,2-Dichloroethene	4.20	96	8390	0.946 ug/l	92
23) Diethyl Ether	2.09	59	8366	1.143 ug/l	95
24) tert-Butyl Alcohol	2.86	59	13618	17.119 ug/l #	82
25) Methyl tert-Butyl Ether	2.99	73	27709	1.229 ug/l	98
26) Bromochloromethane	4.53	128	3920	1.041 ug/l	96
27) Chloroform	4.65	83	18699	1.164 ug/l	96
28) 1,1,1-Trichloroethane	4.89	97	13757	1.012 ug/l	98
29) 1,1-Dichloropropene	5.11	75	10639	0.975 ug/l	98
30) Carbon Tetrachloride	5.10	117	11520	0.990 ug/l	92
31) Isopropyl Ether	3.56	45	19204	0.772 ug/l	98
32) Ethyl-t-butyl ether	4.05	59	17856	0.867 ug/l	94
33) Tert-Amyl methyl ether	5.56	73	15121	0.904 ug/l	99
34) Propionitrile	4.34	54	2832	3.994 ug/l #	63
35) Benzene	5.37	78	30669	0.921 ug/l	99
36) 1,2-Dichloroethane	5.39	62	10799	0.988 ug/l	99
37) Trichloroethene	6.16	130	8292	1.002 ug/l	99
38) 1,2-Dichloropropane	6.41	63	8714	0.928 ug/l	97
39) Methacrylonitrile	4.53	41	2536	0.874 ug/l #	64
40) Methyl acrylate	4.41	55	3646	0.947 ug/l #	71
41) Tetrahydrofuran	4.65	42	2299	1.435 ug/l	96
42) 1-Chlorobutane	5.04	56	14334	0.879 ug/l	93

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.55	93	4878	1.034	ug/l	98
44) Bromodichloromethane	6.74	83	12070	1.038	ug/l	100
45) 4-Methyl-2-Pentanone	7.45	43	22616	4.124	ug/l	95
46) t-1,4-Dichloro-2-butene	10.48	75	5999	3.377	ug/l #	71
47) Methyl methacrylate	6.61	69	6517	1.807	ug/l	96
48) Ethyl methacrylate	8.01	69	5818	0.927	ug/l	98
49) Toluene	7.62	92	16436	0.935	ug/l	97
50) t-1,3-Dichloropropene	7.87	75	9402	1.021	ug/l	97
51) cis-1,3-Dichloropropene	7.25	75	10572	0.950	ug/l	89
52) 1,1,2-Trichloroethane	8.05	97	6473	1.046	ug/l #	93
53) 1,3-Dichloropropane	8.23	76	10996	1.026	ug/l	99
54) 2-Hexanone	8.36	43	15583	4.194	ug/l	91
55) Dibromochloromethane	8.46	129	7293	1.042	ug/l	92
56) 1,2-Dibromoethane	8.57	107	5952	1.072	ug/l	99
58) Tetrachloroethene	8.21	164	7185	0.905	ug/l	96
59) Chlorobenzene	9.11	112	20743	1.108	ug/l	92
60) 1,1,1,2-Tetrachloroethane	9.19	131	8233	1.135	ug/l	94
61) Pentachloroethane	11.09	117	6496	1.225	ug/l	93
62) Hexachloroethane	12.13	117	5899	1.139	ug/l	95
63) Ethyl Benzene	9.23	91	29064	0.954	ug/l	99
64) m/p-Xylenes	9.36	106	22623	1.967	ug/l	90
65) o-Xylene	9.76	106	10723	0.957	ug/l	99
66) Styrene	9.78	104	17986	0.965	ug/l	98
67) Bromoform	9.94	173	3858	0.986	ug/l #	96
69) Isopropylbenzene	10.15	105	28158	0.964	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.44	83	8325	1.042	ug/l	99
71) 1,2,3-Trichloropropane	10.48	75	5999	1.028	ug/l #	90
72) Bromobenzene	10.44	156	8125	1.090	ug/l	98
73) n-propylbenzene	10.57	120	7998	1.042	ug/l	96
74) 2-Chlorotoluene	10.65	126	7788	1.069	ug/l	99
75) 1,3,5-Trimethylbenzene	10.76	105	24574	0.978	ug/l	99
76) 4-Chlorotoluene	10.76	126	7617	1.064	ug/l	95
77) tert-Butylbenzene	11.09	119	24643	1.044	ug/l	98
78) 1,2,4-Trimethylbenzene	11.13	105	24366	0.957	ug/l	99
79) sec-Butylbenzene	11.31	105	32580	1.011	ug/l	98
80) Nitrobenzene	12.87	77	785	3.948	ug/l #	64
81) p-Isopropyltoluene	11.46	119	25554	1.003	ug/l	95
82) 1,3-Dichlorobenzene	11.40	146	17580	1.178	ug/l	98
83) 1,4-Dichlorobenzene	11.49	146	17132	1.190	ug/l	99
84) n-Butylbenzene	11.87	91	27392	1.111	ug/l	96
85) 1,2-Dichlorobenzene	11.86	146	16953	1.192	ug/l	96
86) 1,2-Dibromo-3-Chloropropan	12.64	75	1278	1.098	ug/l	93
87) 1,2,4-Trichlorobenzene	13.49	180	8741	1.185	ug/l	99
88) Hexachlorobutadiene	13.68	225	6147	1.187	ug/l	99
89) Naphthalene	13.73	128	13356	1.033	ug/l	98
90) 1,2,3-Trichlorobenzene	13.98	180	8747	1.166	ug/l	97

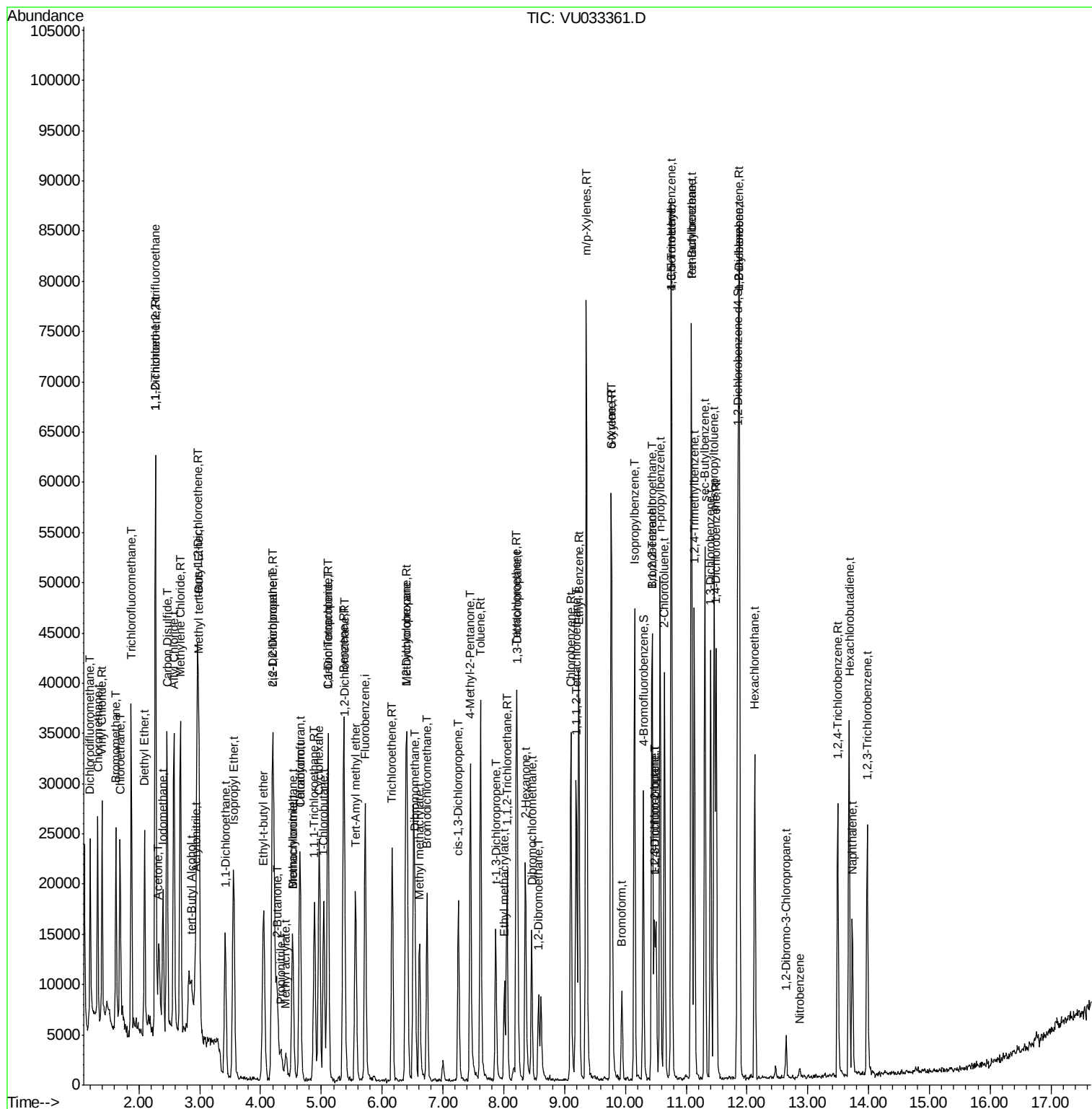
(#) = qualifier out of range (m) = manual integration (+) = signals summed

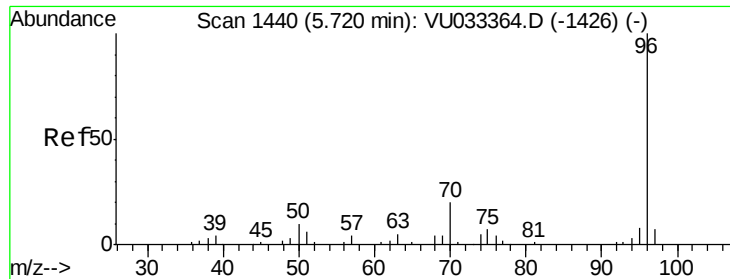
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

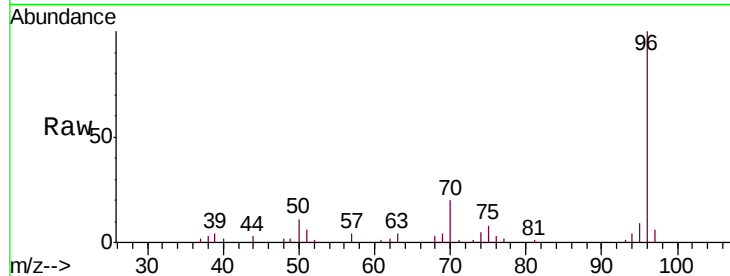
Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:	96	Resp:	26165
Ion	Ratio	Lower	Upper
96	100		
70	20.7	16.4	24.6
95	9.8	6.7	10.1
97	5.4	0.0	0.0#

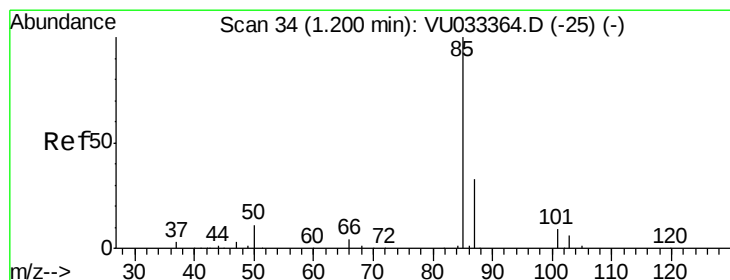
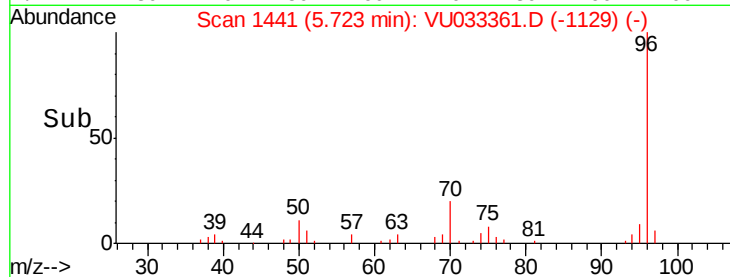
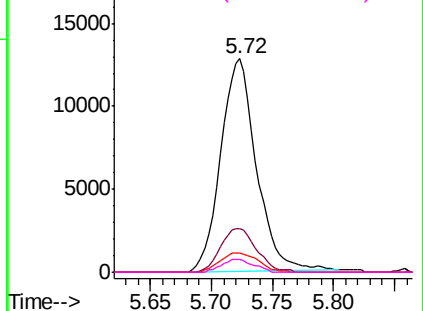


Abundance Ion 96.00 (95.70 to 96.70): VU033361.D (-1426) (-)

Ion 70.00 (69.70 to 70.70): VU033361.D (-1426) (-)

Ion 95.00 (94.70 to 95.70): VU033361.D (-1426) (-)

Ion 97.00 (96.70 to 97.70): VU033361.D (-1426) (-)



#2

Dichlorodifluoromethane

Concen: 0.951 ug/l

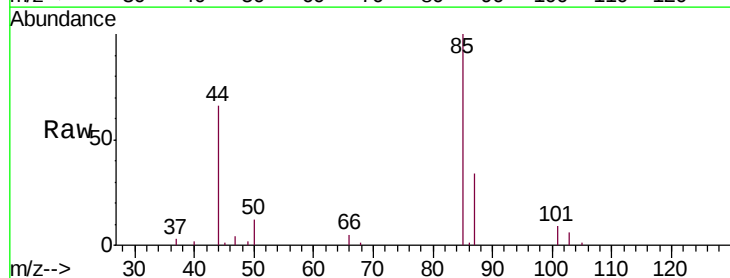
RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU033361.D

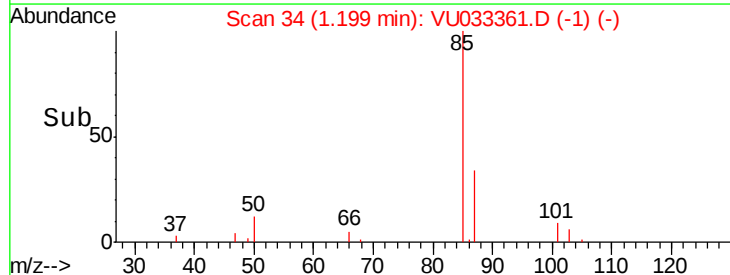
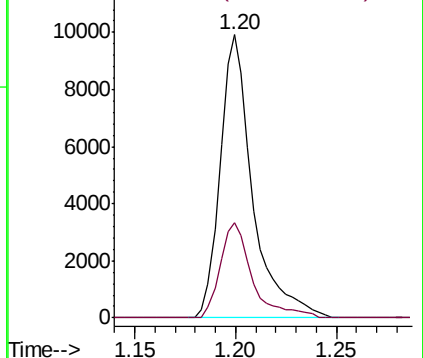
Acq: 22 Jul 2019 19:16

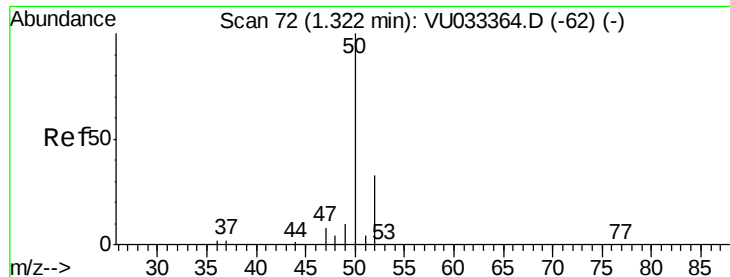
Tgt Ion:	85	Resp:	11107
Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.6	49.7



Abundance Ion 85.00 (84.70 to 85.70): VU033361.D (-1129) (-)

Ion 87.00 (86.70 to 87.70): VU033361.D (-1129) (-)





#3

Chloromethane

Concen: 0.930 ug/l

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

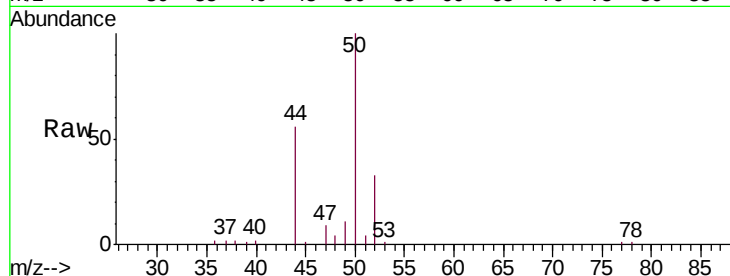
VSTDIC001

Tgt Ion: 50 Resp: 12821

Ion Ratio Lower Upper

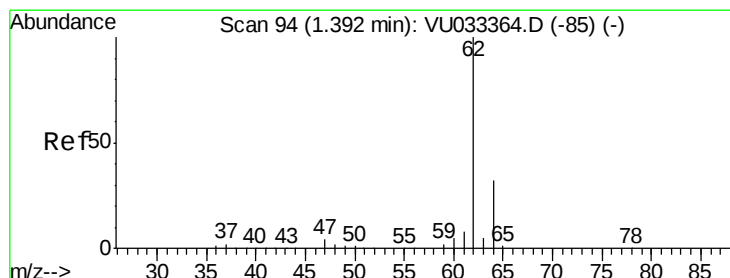
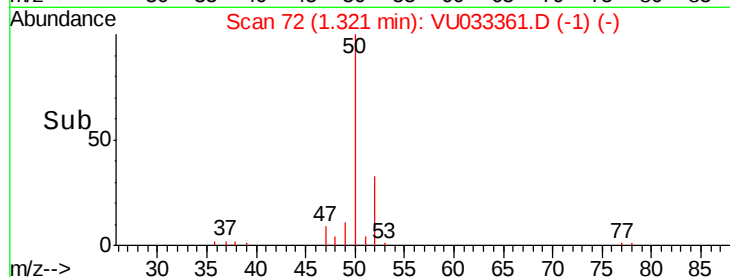
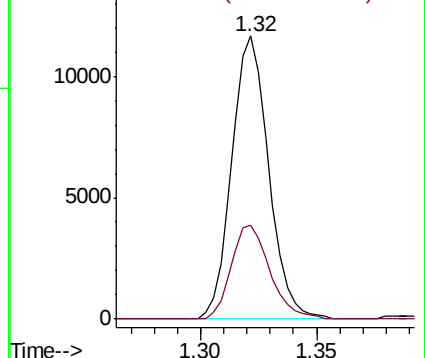
50 100

52 33.3 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VU033361.D (-62) (-)

Ion 52.00 (51.70 to 52.70): VU033361.D (-62) (-)



#4

Vinyl Chloride

Concen: 1.022 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033361.D

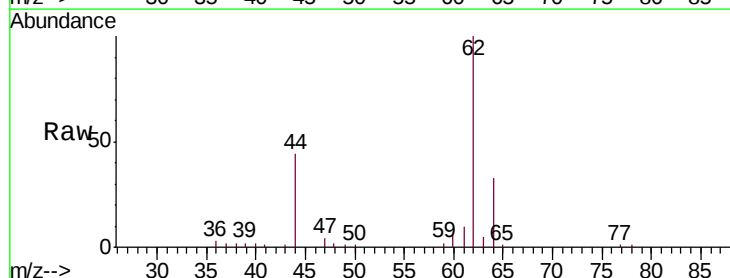
Acq: 22 Jul 2019 19:16

Tgt Ion: 62 Resp: 13718

Ion Ratio Lower Upper

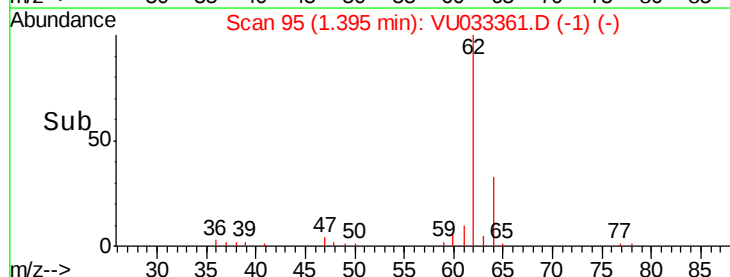
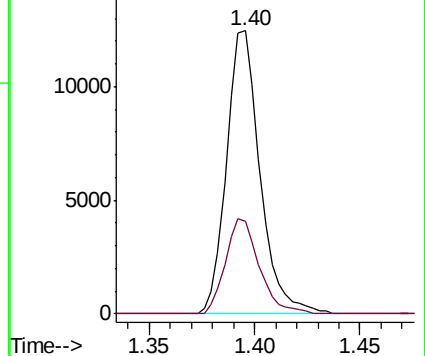
62 100

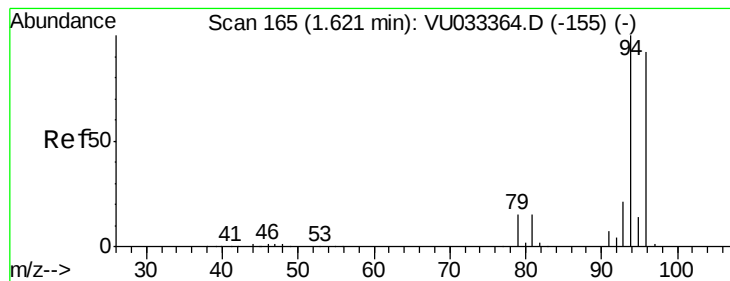
64 32.7 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VU033361.D (-85) (-)

Ion 64.00 (63.70 to 64.70): VU033361.D (-85) (-)





#5

Bromomethane

Concen: 1.255 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

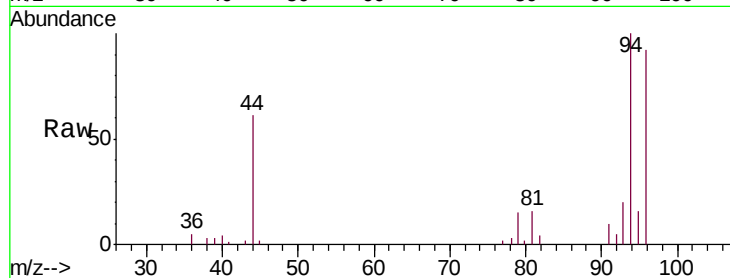
VSTDIC001

Tgt Ion: 94 Resp: 8548

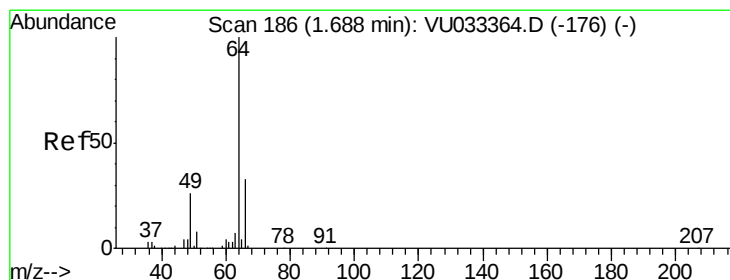
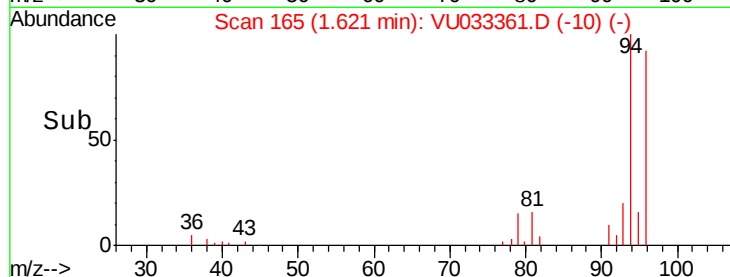
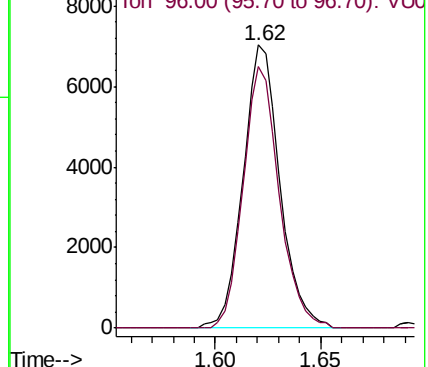
Ion Ratio Lower Upper

94 100

96 92.3 73.2 109.8



Abundance Ion 94.00 (93.70 to 94.70): VU033361.D (-155) (-)



#6

Chloroethane

Concen: 1.260 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU033361.D

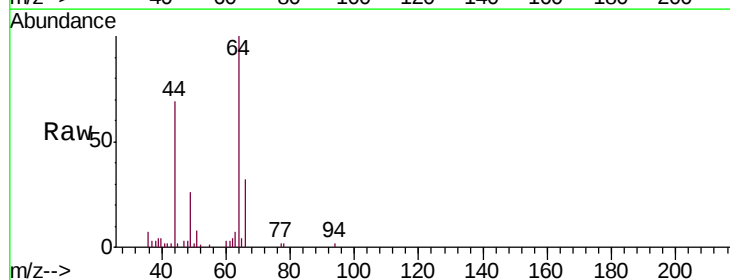
Acq: 22 Jul 2019 19:16

Tgt Ion: 64 Resp: 9927

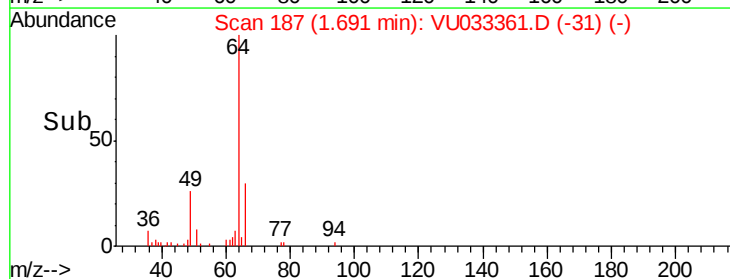
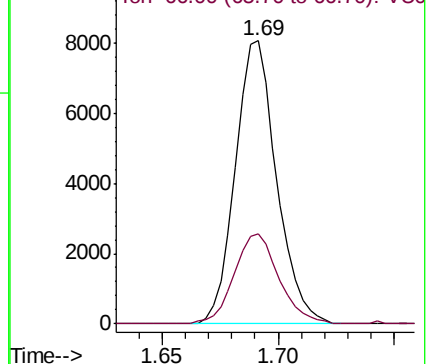
Ion Ratio Lower Upper

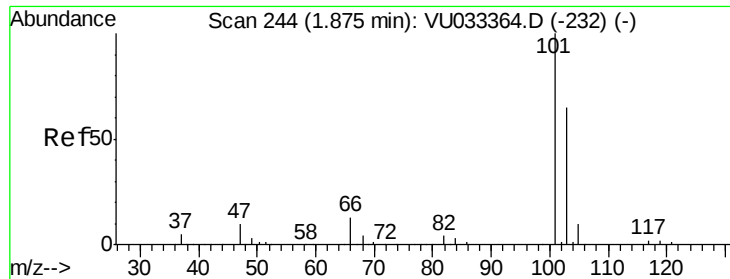
64 100

66 32.0 26.4 39.6



Abundance Ion 64.00 (63.70 to 64.70): VU033361.D (-176) (-)





#7

Trichlorofluoromethane

Concen: 1.210 ug/l

RT: 1.87 min Scan# 244

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

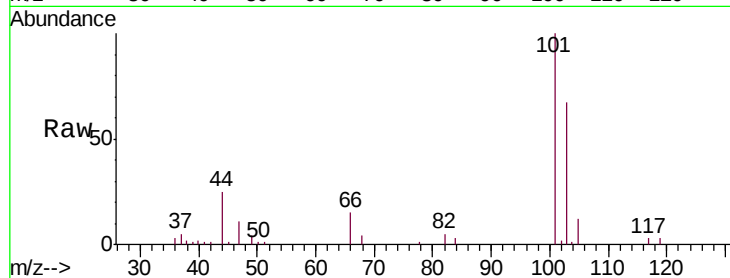
VSTDIC001

Tgt Ion:101 Resp: 19090

Ion Ratio Lower Upper

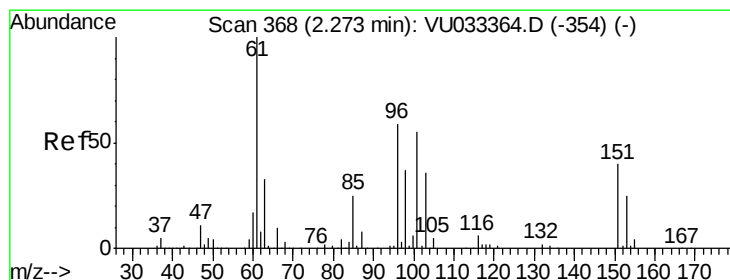
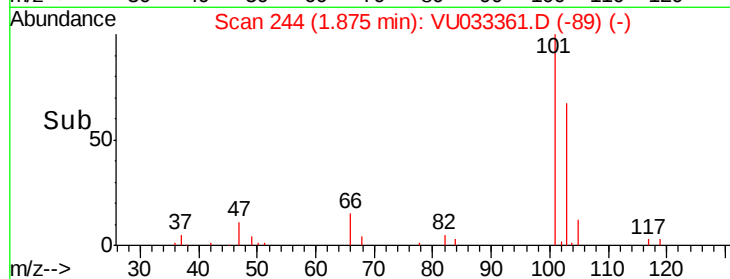
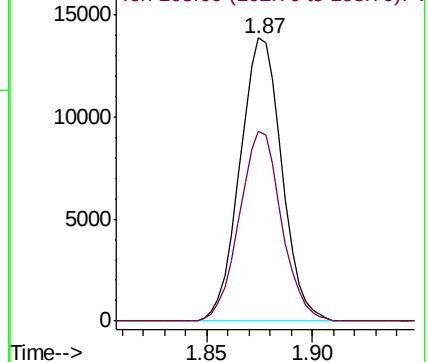
101 100

103 67.1 52.2 78.2



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: 1.241 ug/l

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

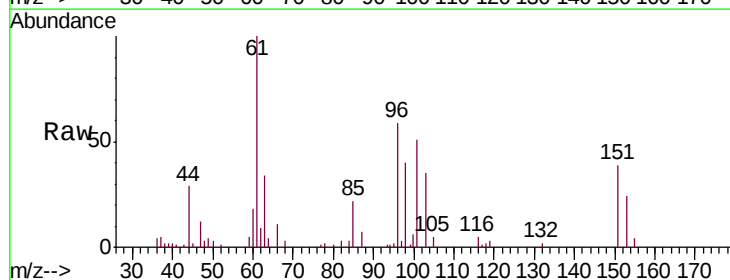
Tgt Ion:101 Resp: 9696

Ion Ratio Lower Upper

101 100

85 45.3 37.5 56.3

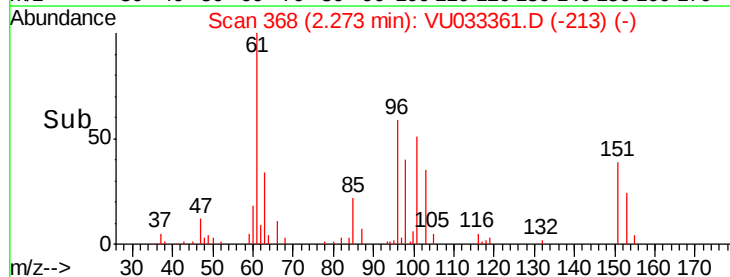
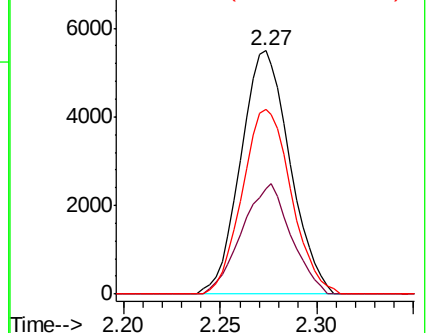
151 75.9 58.3 87.5

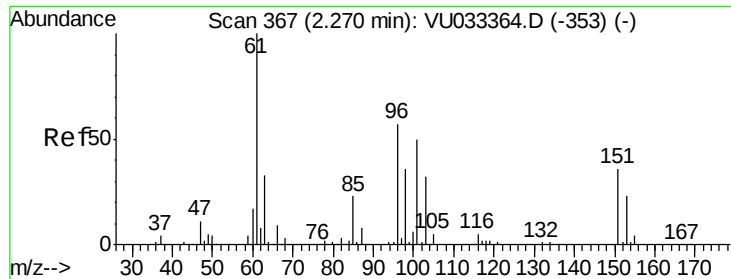


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 1.273 ug/l

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

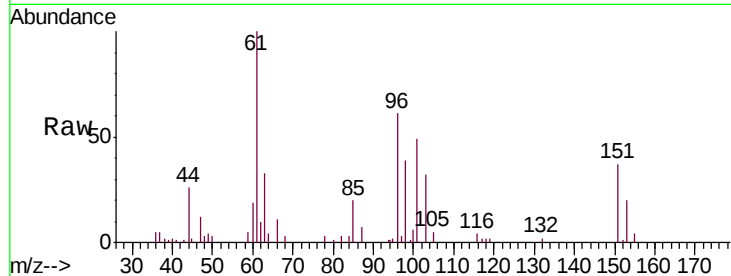
Tgt Ion: 96 Resp: 9887

Ion Ratio Lower Upper

96 100

61 164.4 0.0 525.6

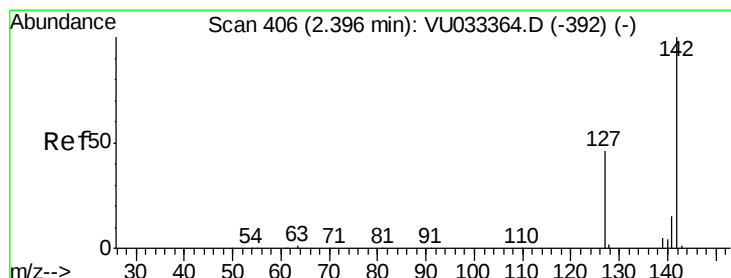
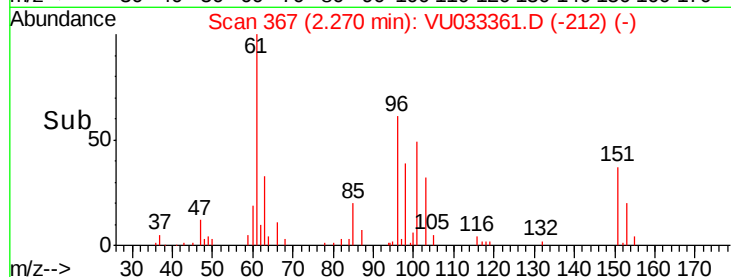
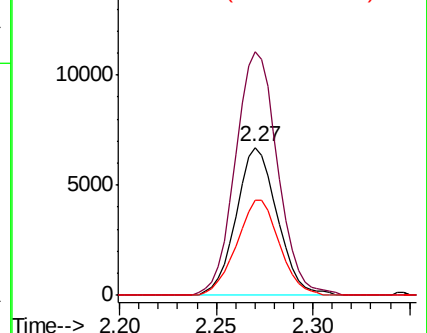
98 64.4 0.0 126.4



Abundance Ion 96.00 (95.70 to 96.70): VU033361.D (-212) (-)

Ion 61.00 (60.70 to 61.70): VU033361.D (-212) (-)

Ion 98.00 (97.70 to 98.70): VU033361.D (-212) (-)



#10

Iodomethane

Concen: 1.381 ug/l

RT: 2.40 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU033361.D

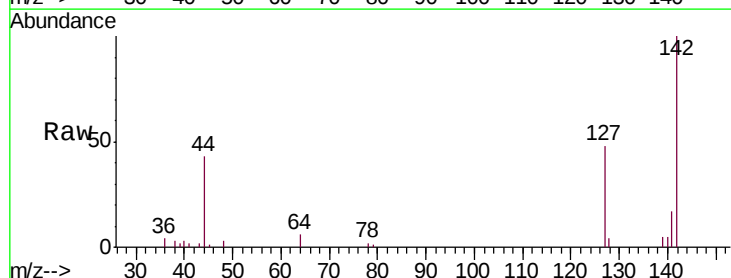
Acq: 22 Jul 2019 19:16

Tgt Ion: 142 Resp: 12266

Ion Ratio Lower Upper

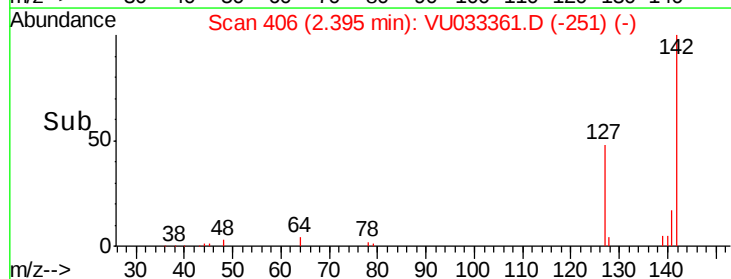
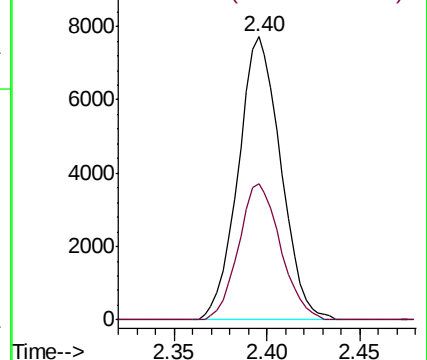
142 100

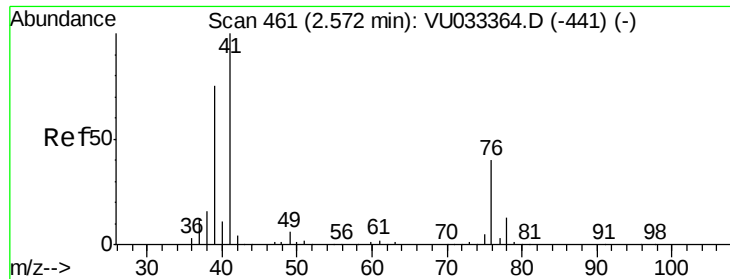
127 47.5 37.8 56.6



Abundance Ion 142.00 (141.70 to 142.70): VU033361.D (-251) (-)

Ion 127.00 (126.70 to 127.70): VU033361.D (-251) (-)

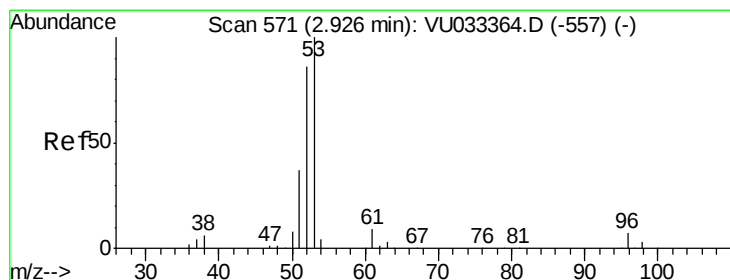
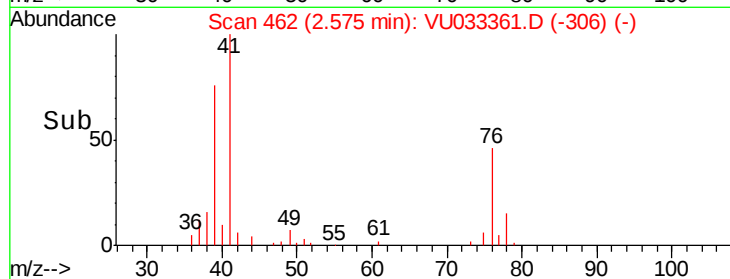
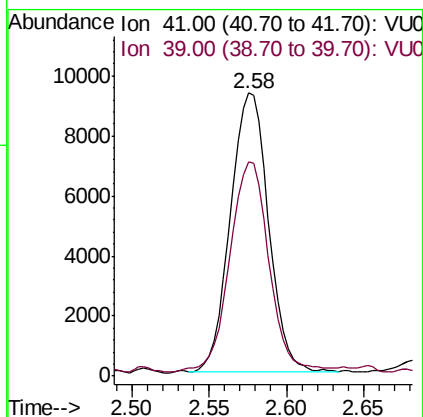
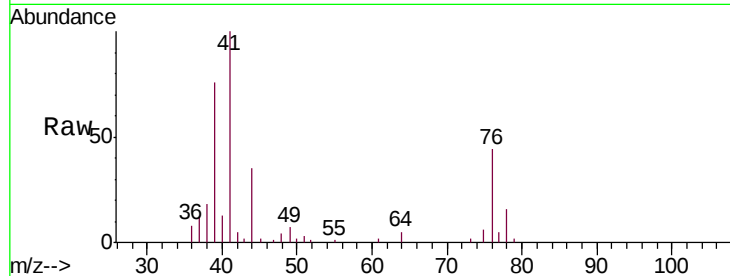




#11
 Allyl Chloride
 Concen: 0.977 ug/l
 RT: 2.58 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

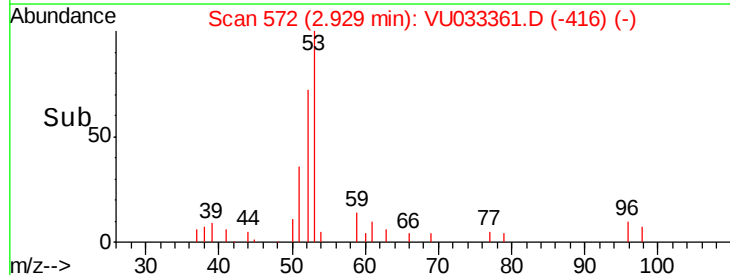
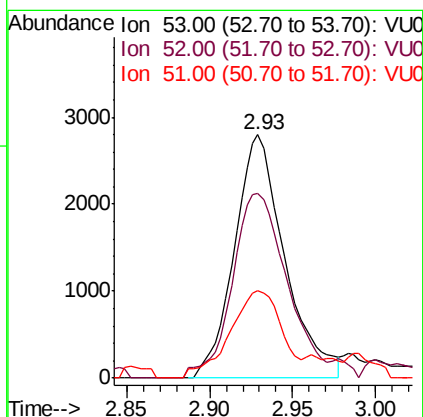
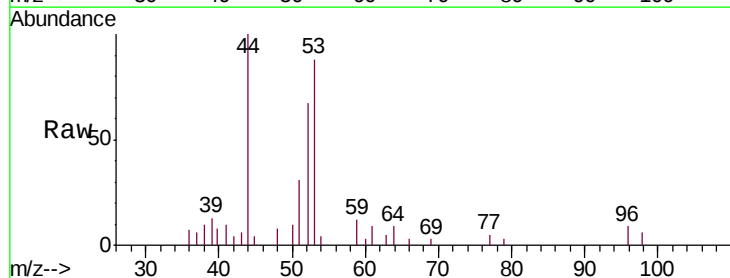
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

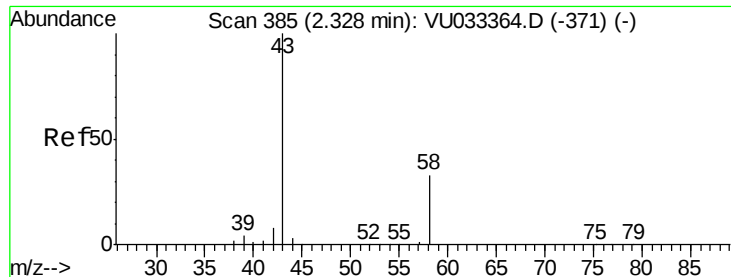
Tgt Ion: 41 Resp: 15858
 Ion Ratio Lower Upper
 41 100
 39 77.1 58.7 88.1



#12
 Acrylonitrile
 Concen: 2.544 ug/l
 RT: 2.93 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

Tgt Ion: 53 Resp: 5905
 Ion Ratio Lower Upper
 53 100
 52 82.2 69.8 104.8
 51 36.7 29.1 43.7





#13

Acetone

Concen: 5.896 ug/l

RT: 2.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

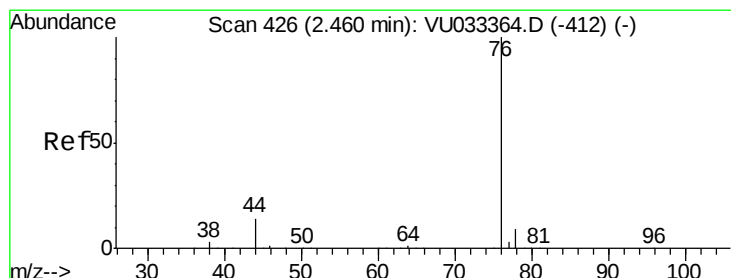
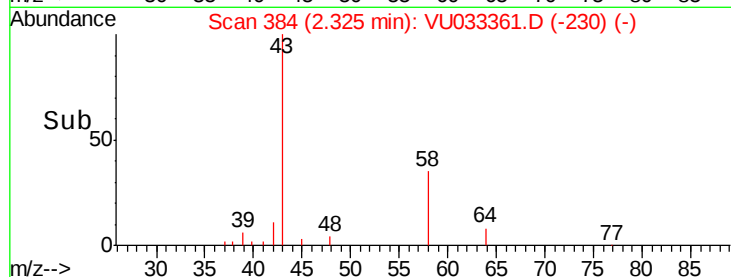
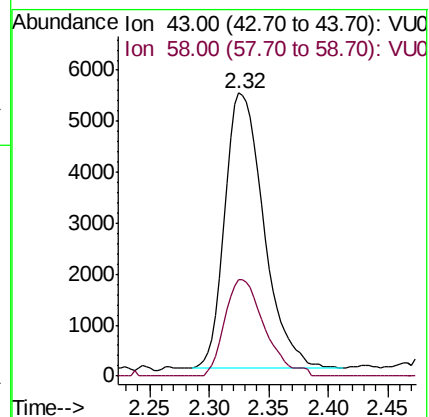
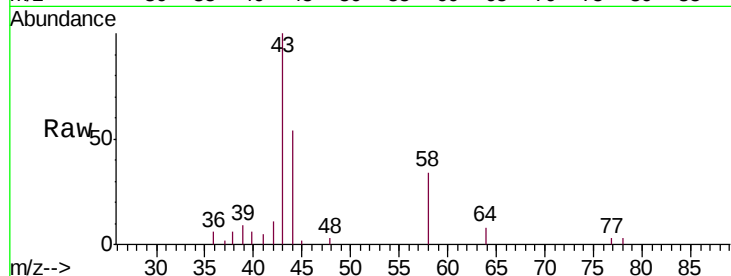
VSTDIC001

Tgt Ion: 43 Resp: 12321

Ion Ratio Lower Upper

43 100

58 34.9 26.3 39.5



#14

Carbon Disulfide

Concen: 1.217 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033361.D

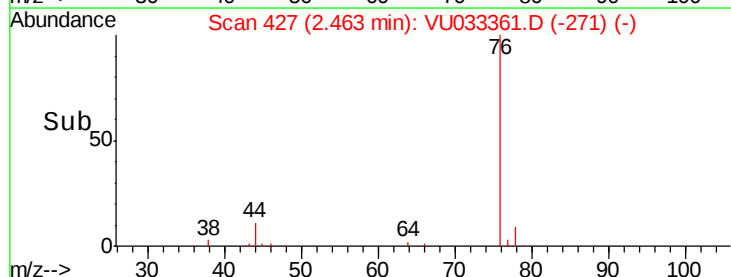
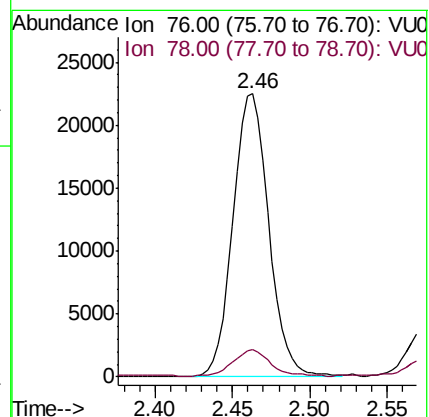
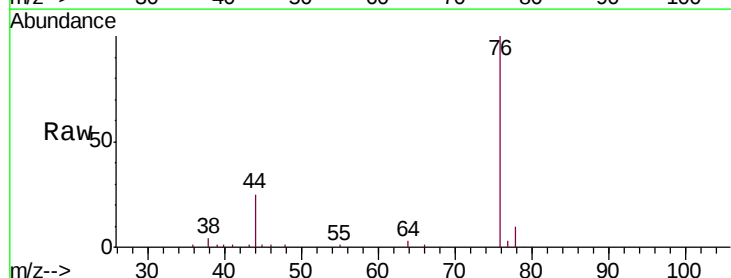
Acq: 22 Jul 2019 19:16

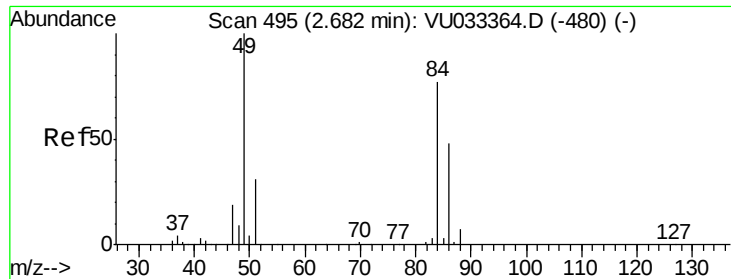
Tgt Ion: 76 Resp: 36174

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7

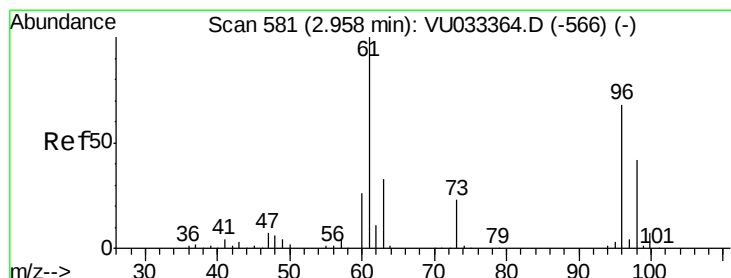
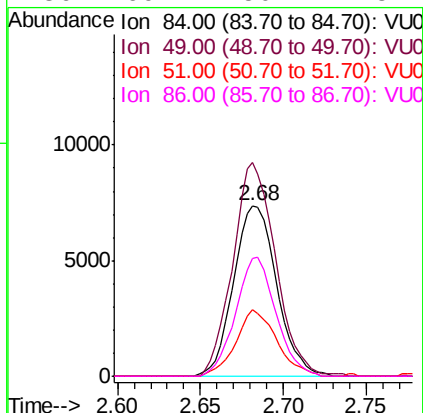
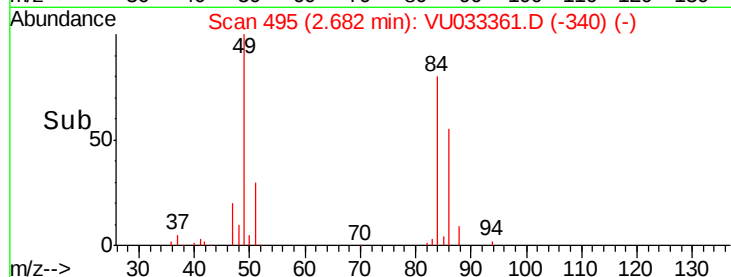
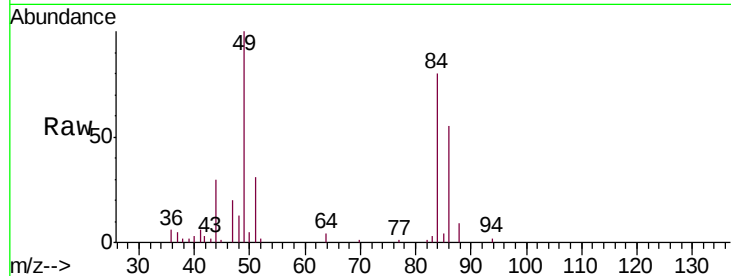




#15
Methylene Chloride
Concen: 1.354 ug/l
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

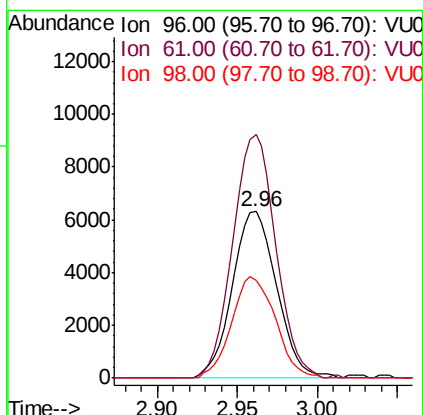
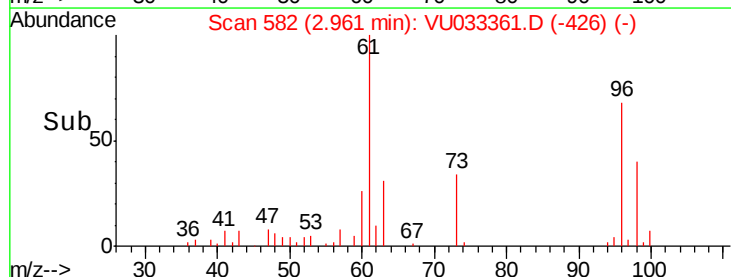
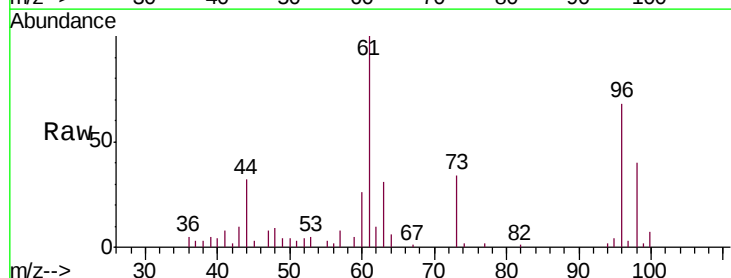
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

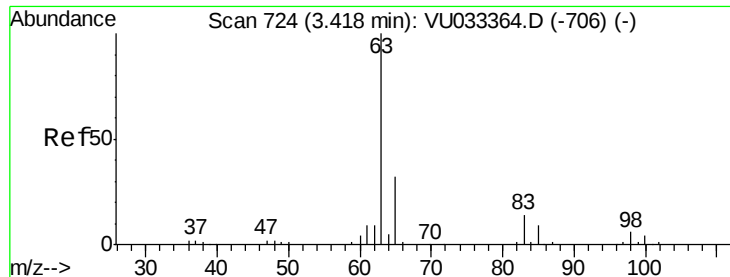
Tgt Ion:	84	Resp:	13362
Ion	Ratio	Lower	Upper
84	100		
49	125.1	103.5	155.3
51	38.8	0.0	80.4
86	69.1	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 1.369 ug/l
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Tgt Ion:	96	Resp:	11958
Ion	Ratio	Lower	Upper
96	100		
61	146.4	118.0	177.0
98	59.1	49.4	74.2

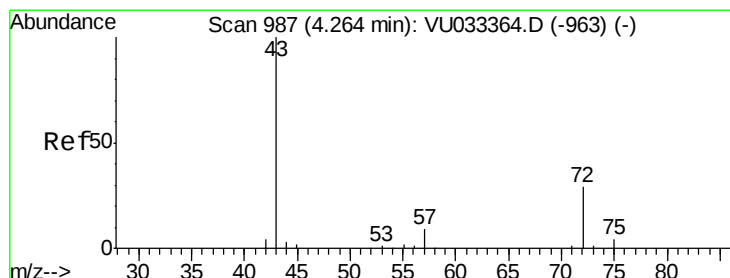
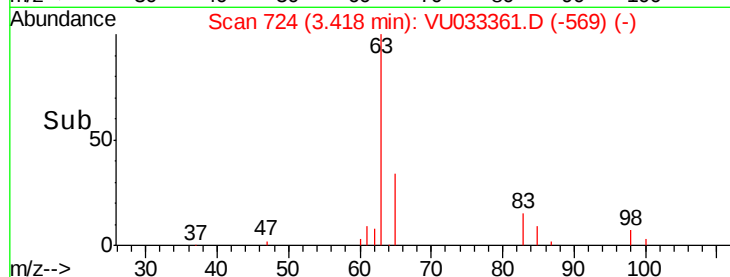
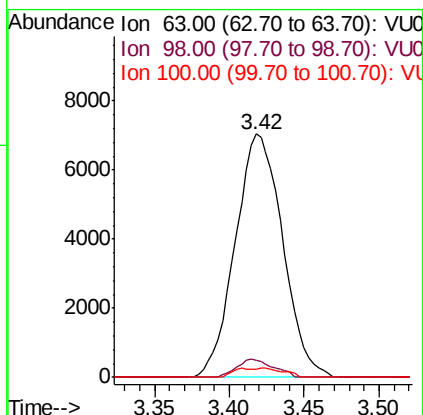
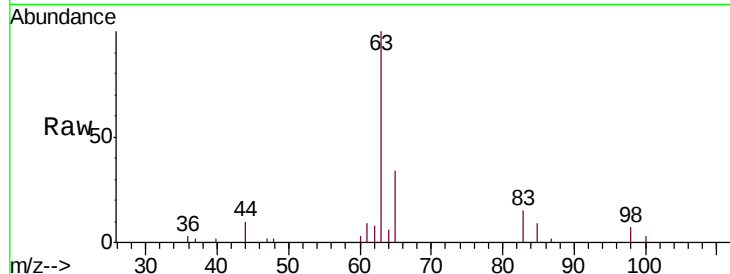




#17
 1,1-Dichloroethane
 Concen: 0.911 ug/l
 RT: 3.42 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

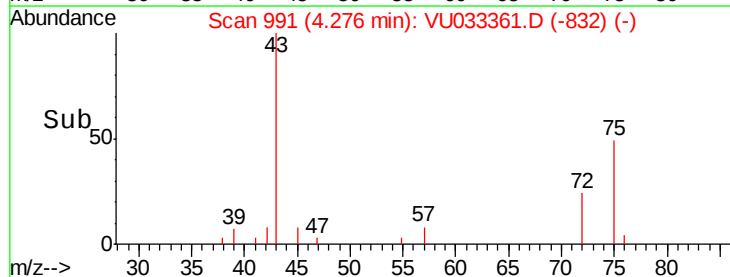
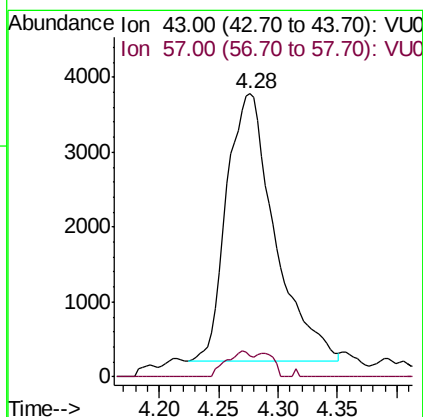
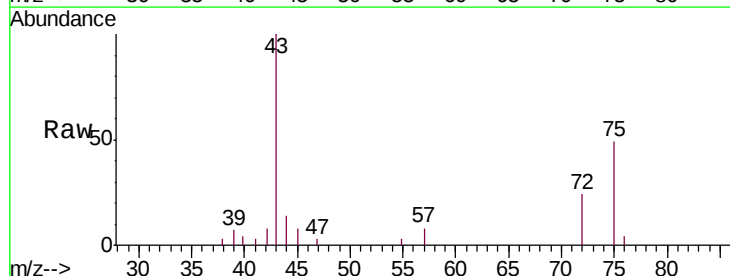
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

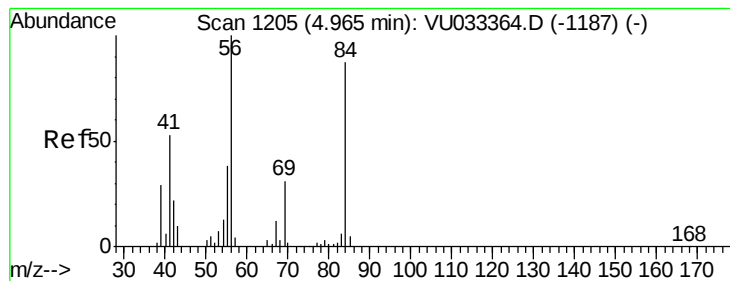
Tgt Ion: 63 Resp: 15511
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.2 9.6
 100 3.4 2.1 6.2



#18
 2-Butanone
 Concen: 3.839 ug/l
 RT: 4.28 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

Tgt Ion: 43 Resp: 9989
 Ion Ratio Lower Upper
 43 100
 57 8.1 0.0 17.0





#19

Cyclohexane

Concen: 0.699 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

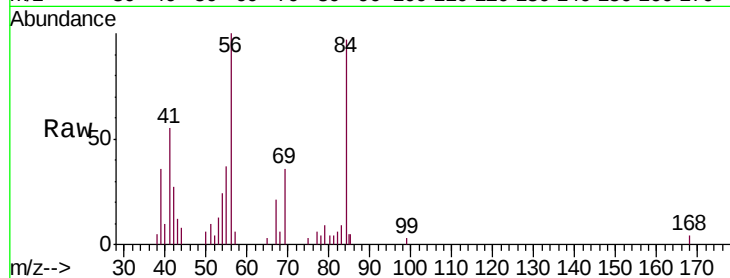
Tgt Ion: 56 Resp: 9053

Ion Ratio Lower Upper

56 100

69 37.0 25.0 37.4

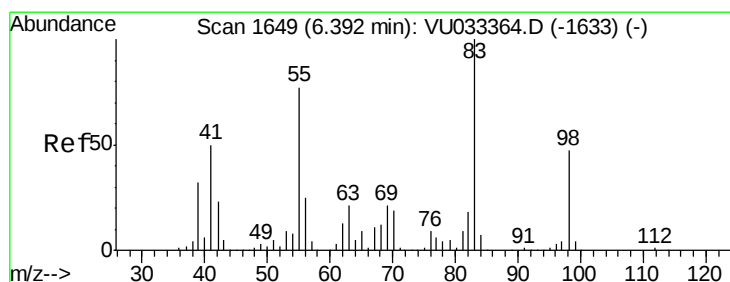
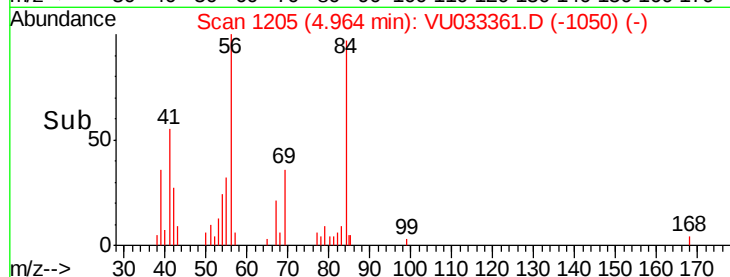
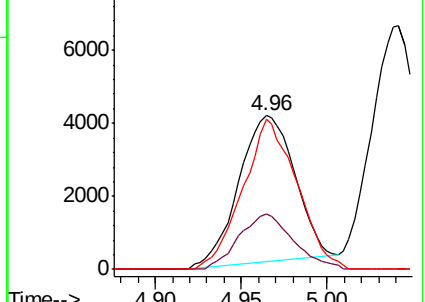
84 99.5 69.8 104.6



Abundance Ion 56.00 (55.70 to 56.70): VU033361.D (-1050) (-)

Ion 69.00 (68.70 to 69.70): VU033361.D (-1050) (-)

Ion 84.00 (83.70 to 84.70): VU033361.D (-1050) (-)



#20

Methylcyclohexane

Concen: 0.881 ug/l

RT: 6.39 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

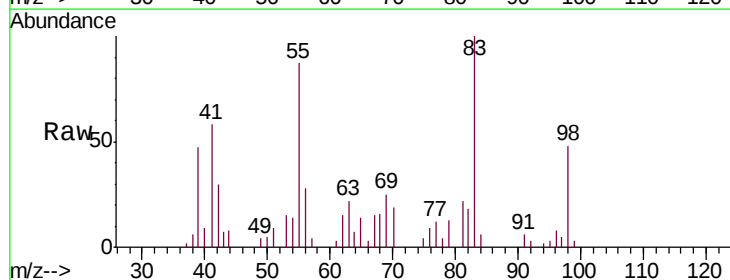
Tgt Ion: 83 Resp: 9458

Ion Ratio Lower Upper

83 100

55 89.2 62.3 93.5

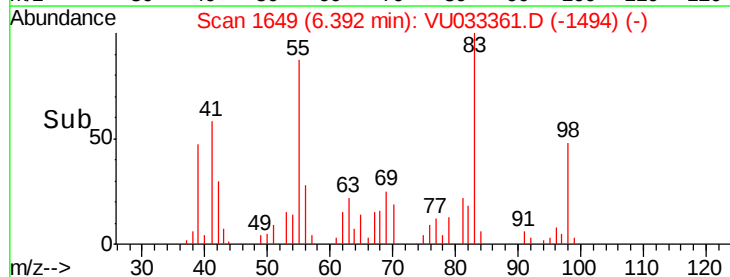
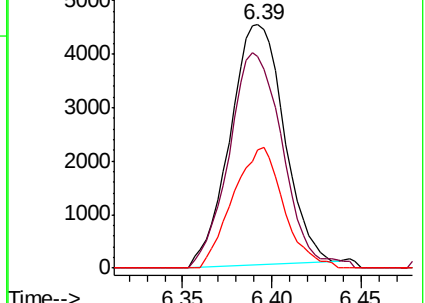
98 47.4 37.4 56.0

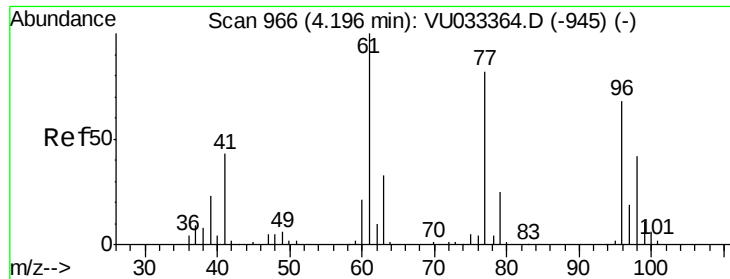


Abundance Ion 83.00 (82.70 to 83.70): VU033361.D (-1494) (-)

Ion 55.00 (54.70 to 55.70): VU033361.D (-1494) (-)

Ion 98.00 (97.70 to 98.70): VU033361.D (-1494) (-)

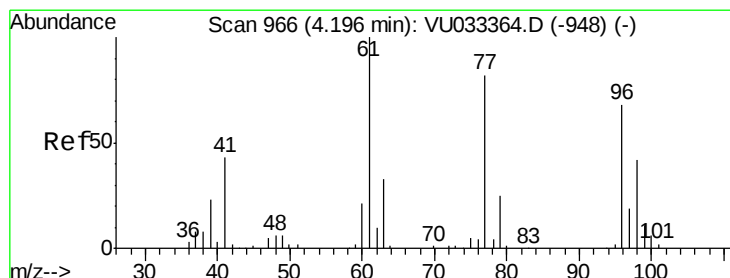
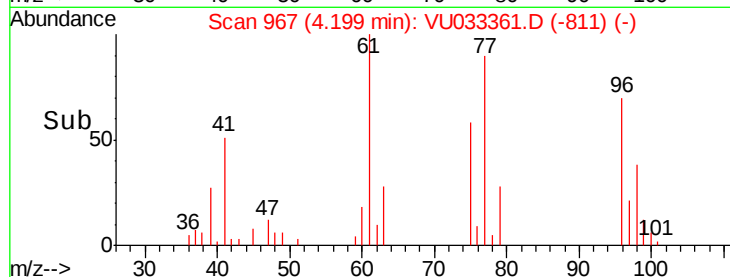
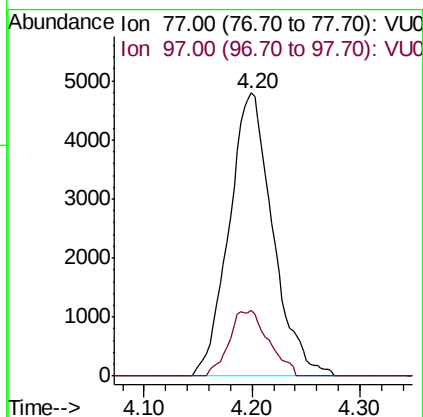
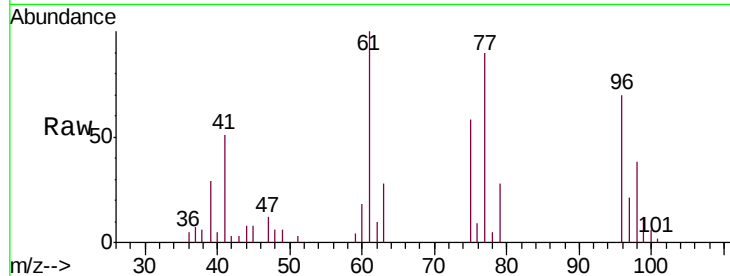




#21
 2,2-Dichloropropane
 Concen: 1.073 ug/l
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

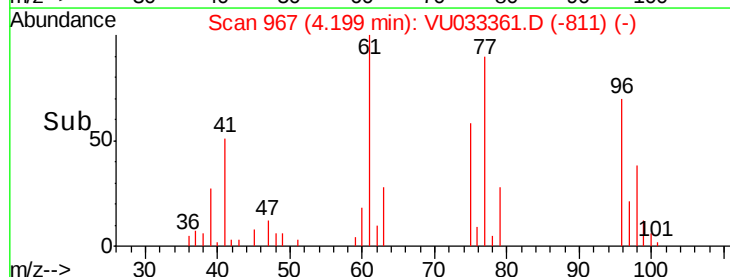
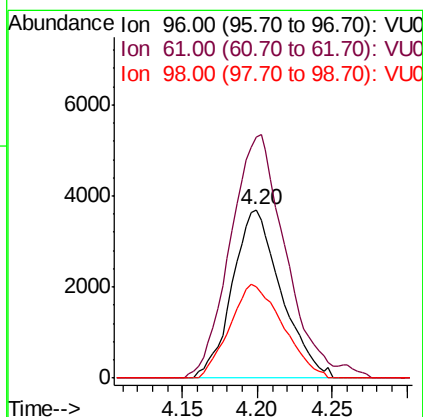
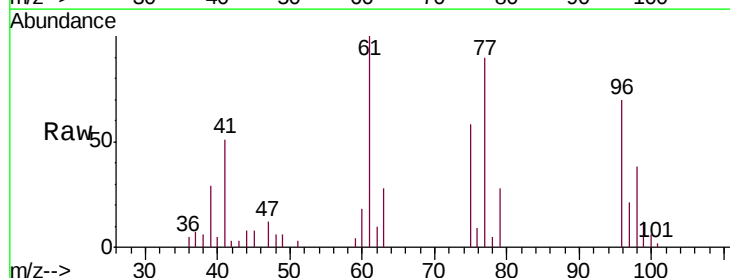
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

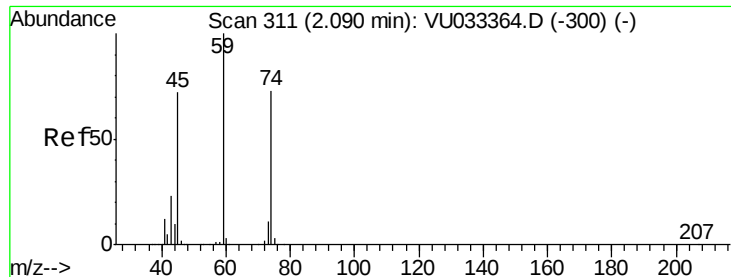
Tgt Ion: 77 Resp: 13534
 Ion Ratio Lower Upper
 77 100
 97 20.9 17.8 26.8



#22
 cis-1,2-Dichloroethene
 Concen: 0.946 ug/l
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

Tgt Ion: 96 Resp: 8390
 Ion Ratio Lower Upper
 96 100
 61 162.5 0.0 376.3
 98 60.5 31.9 95.9

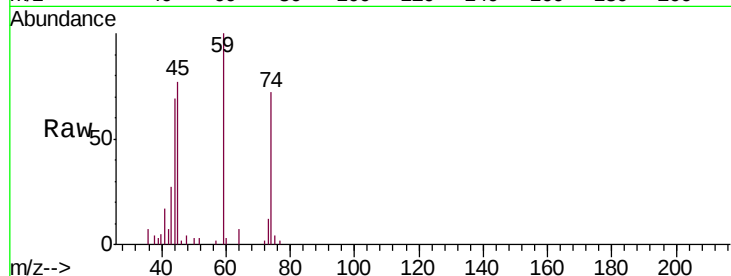




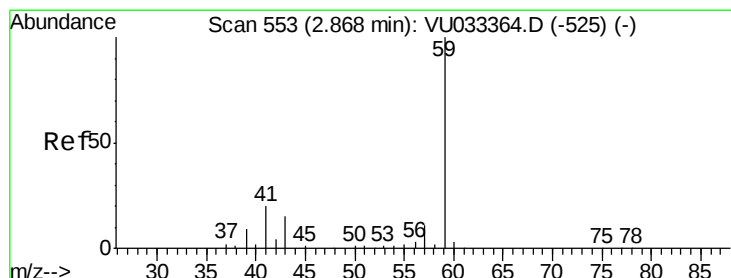
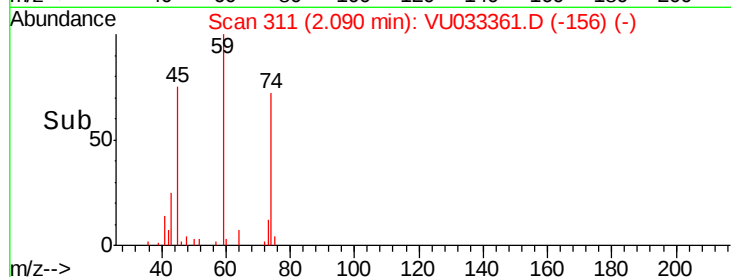
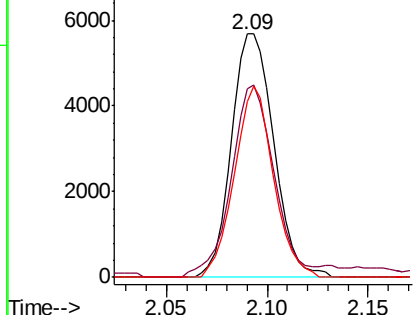
#23
Diethyl Ether
Concen: 1.143 ug/l
RT: 2.09 min Scan# 311
Delta R.T. -0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 59 Resp: 8366
Ion Ratio Lower Upper
59 100
45 79.9 57.6 86.4
74 72.4 57.8 86.6

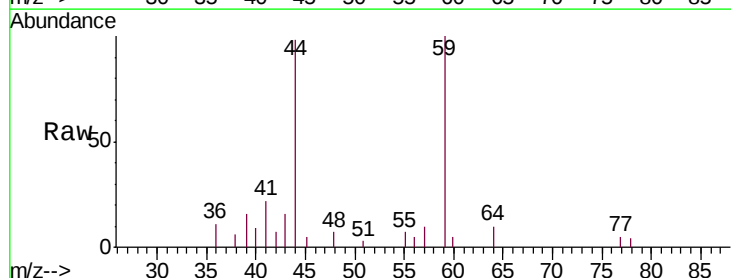


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

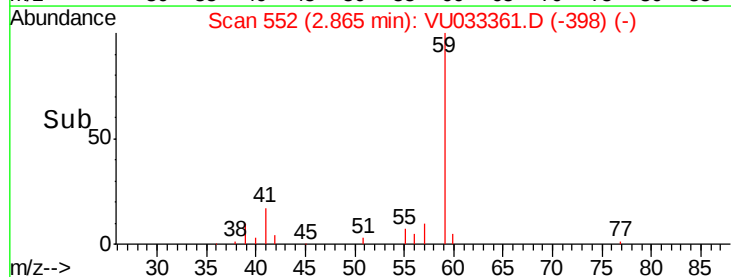
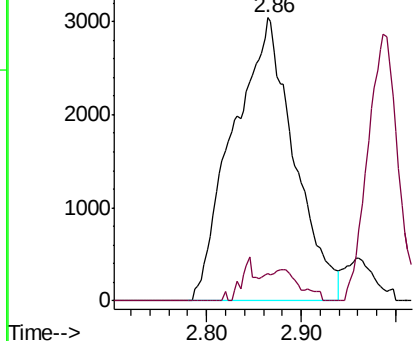


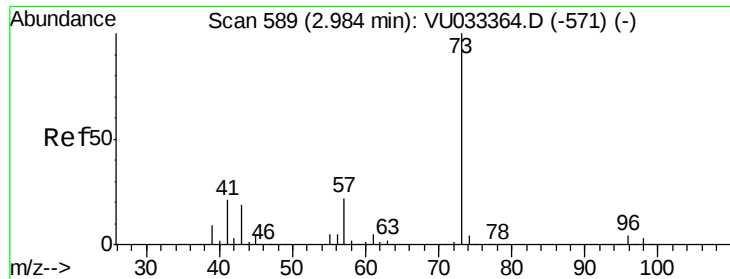
#24
tert-Butyl Alcohol
Concen: 17.119 ug/l
RT: 2.86 min Scan# 552
Delta R.T. -0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Tgt Ion: 59 Resp: 13618
Ion Ratio Lower Upper
59 100
57 3.3 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



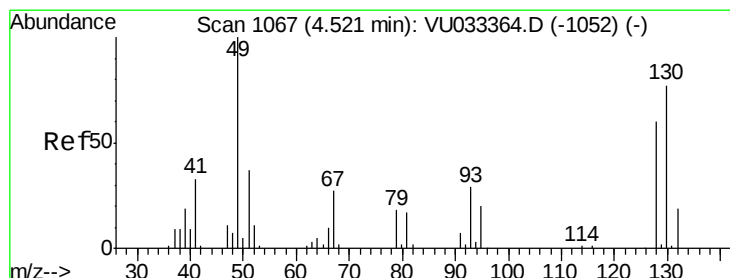
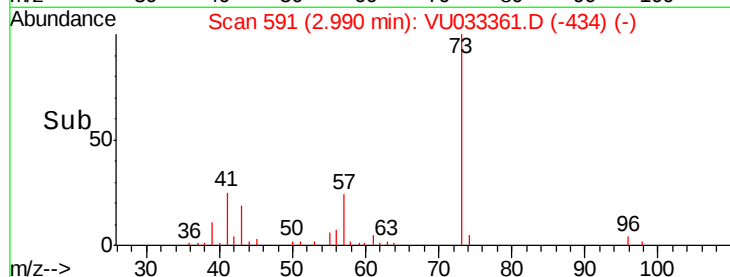
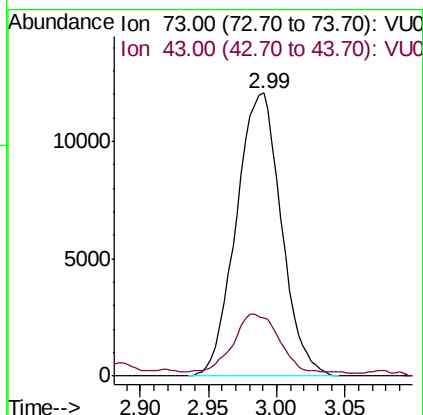
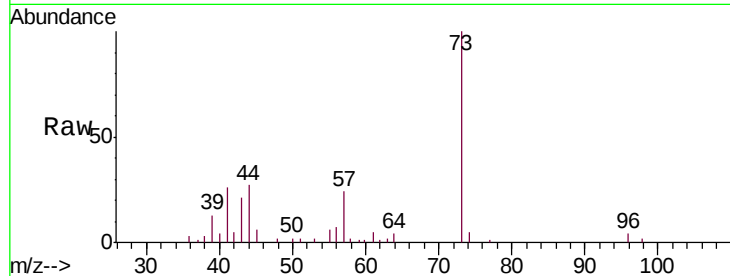


#25

Methyl tert-Butyl Ether
 Concen: 1.229 ug/l
 RT: 2.99 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

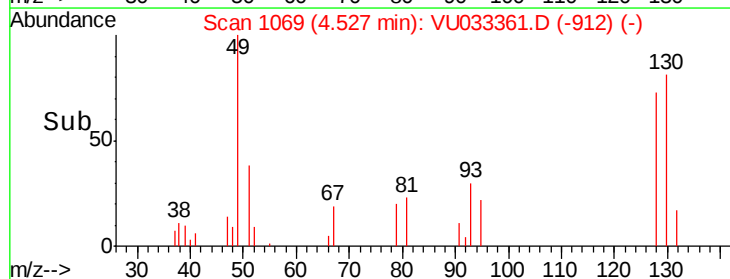
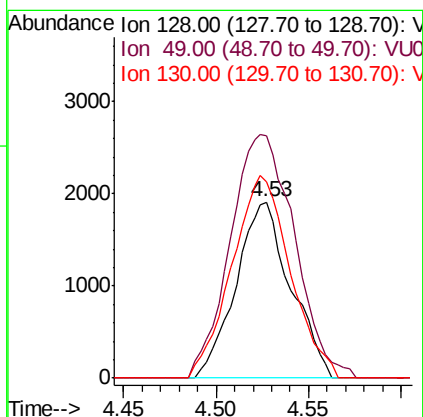
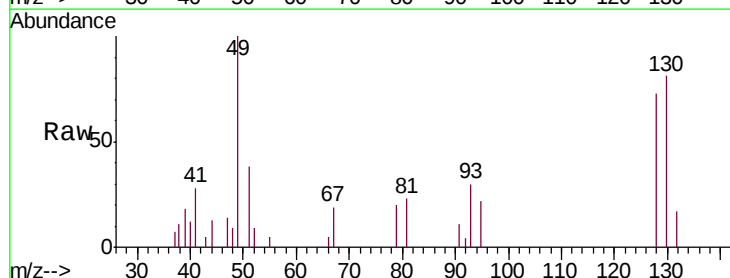
Tgt Ion: 73 Resp: 27709
 Ion Ratio Lower Upper
 73 100
 43 21.5 16.6 24.8

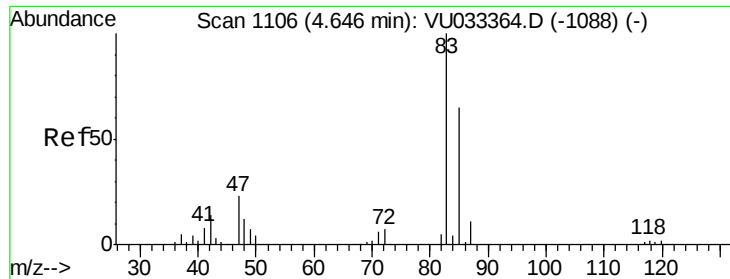


#26

Bromochloromethane
 Concen: 1.041 ug/l
 RT: 4.53 min Scan# 1069
 Delta R.T. 0.01 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

Tgt Ion: 128 Resp: 3920
 Ion Ratio Lower Upper
 128 100
 49 162.1 0.0 333.4
 130 122.6 103.4 155.2

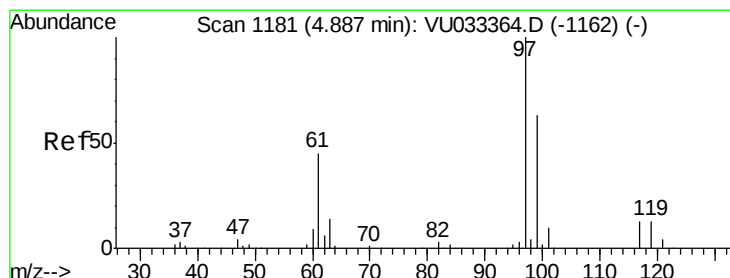
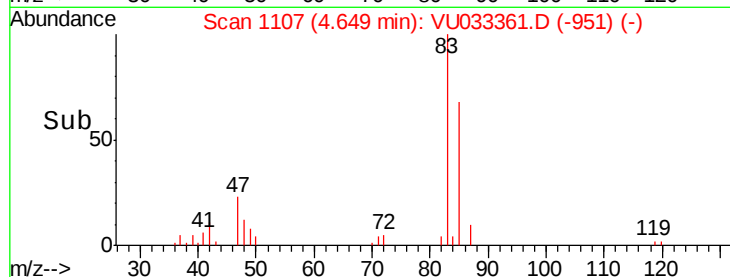
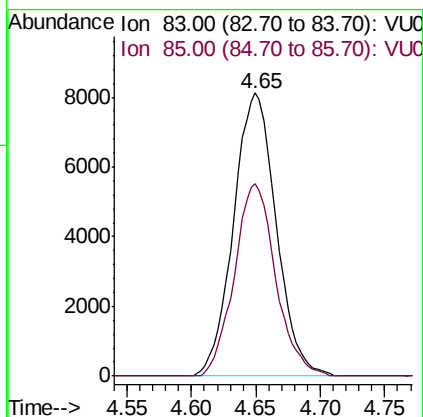
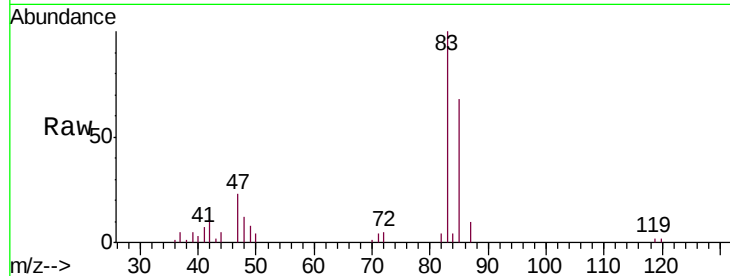




#27
Chloroform
Concen: 1.164 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

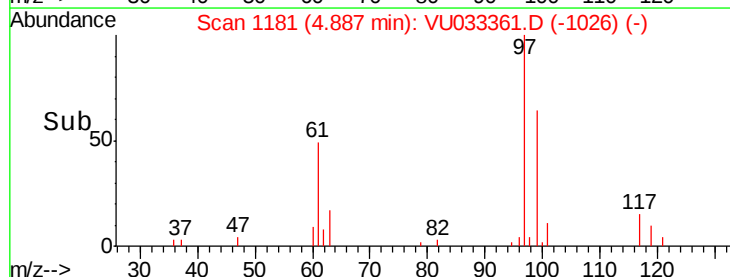
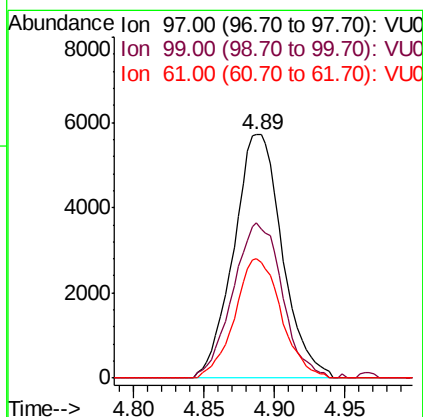
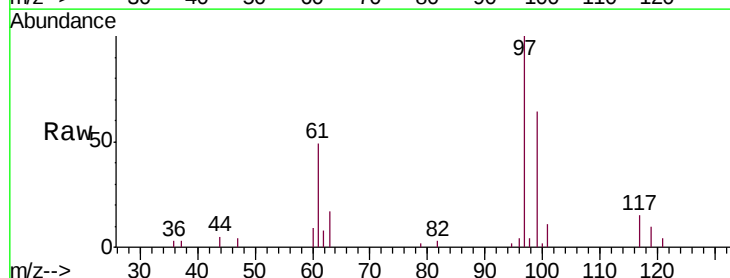
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

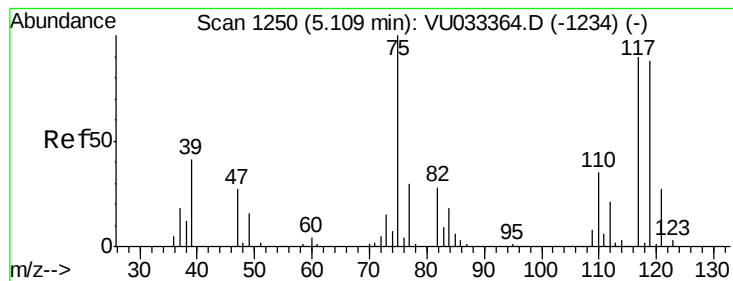
Tgt Ion: 83 Resp: 18699
Ion Ratio Lower Upper
83 100
85 68.1 0.0 129.8



#28
1,1,1-Trichloroethane
Concen: 1.012 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Tgt Ion: 97 Resp: 13757
Ion Ratio Lower Upper
97 100
99 64.5 31.9 95.5
61 47.0 22.7 68.0





#29

1,1-Dichloropropene

Concen: 0.975 ug/l

RT: 5.11 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

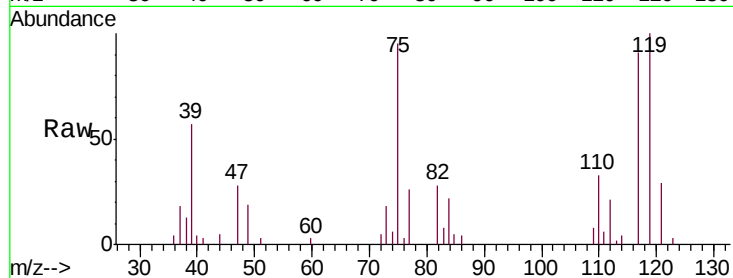
Tgt Ion: 75 Resp: 10639

Ion Ratio Lower Upper

75 100

110 35.4 17.5 52.6

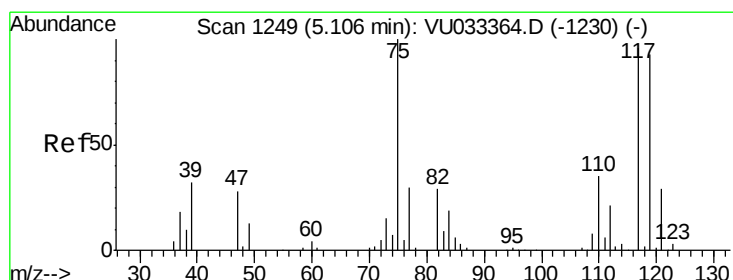
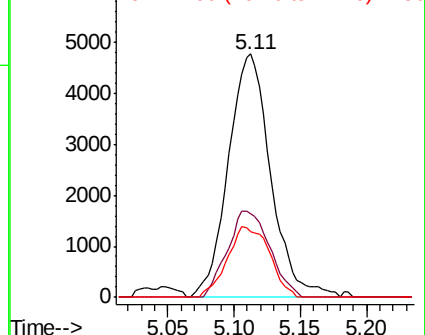
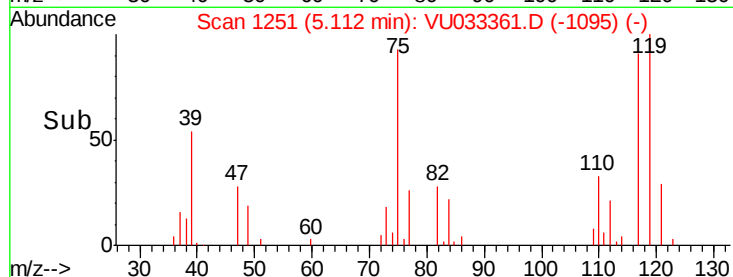
77 28.9 25.1 37.7



Abundance Ion 75.00 (74.70 to 75.70): VU033361.D (-1095) (-)

Ion 110.00 (109.70 to 110.70): VU033361.D (-1095) (-)

Ion 77.00 (76.70 to 77.70): VU033361.D (-1095) (-)



#30

Carbon Tetrachloride

Concen: 0.990 ug/l

RT: 5.10 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

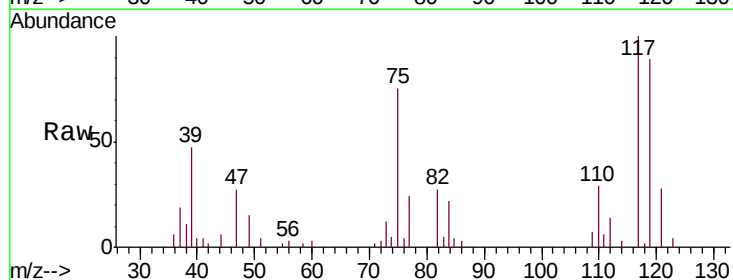
Tgt Ion: 117 Resp: 11520

Ion Ratio Lower Upper

117 100

119 88.6 77.9 116.9

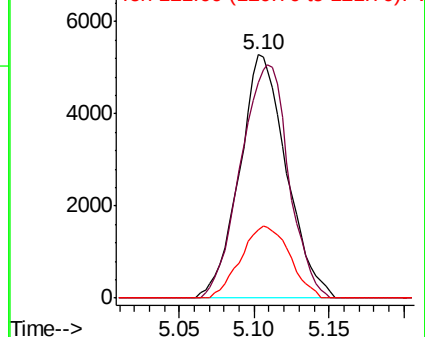
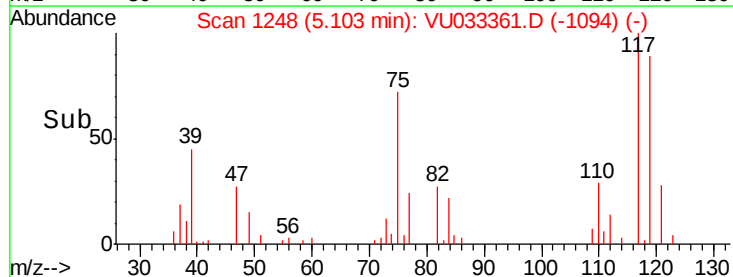
121 27.9 24.0 36.0

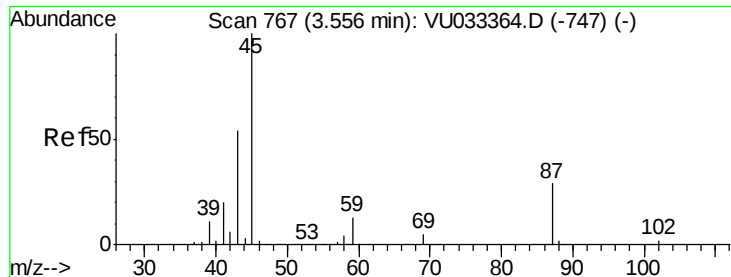


Abundance Ion 117.00 (116.70 to 117.70): VU033361.D (-1094) (-)

Ion 119.00 (118.70 to 119.70): VU033361.D (-1094) (-)

Ion 121.00 (120.70 to 121.70): VU033361.D (-1094) (-)





#31

Isopropyl Ether

Concen: 0.772 ug/l

RT: 3.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

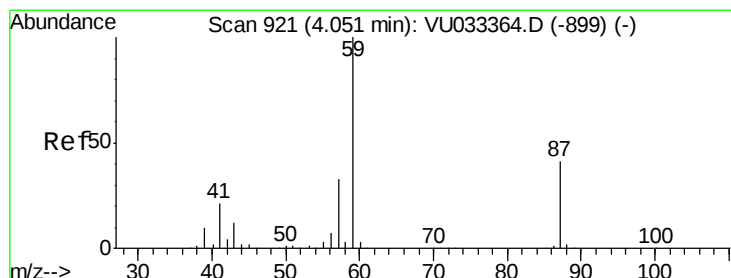
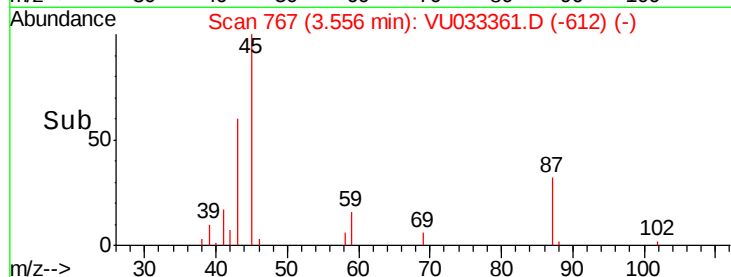
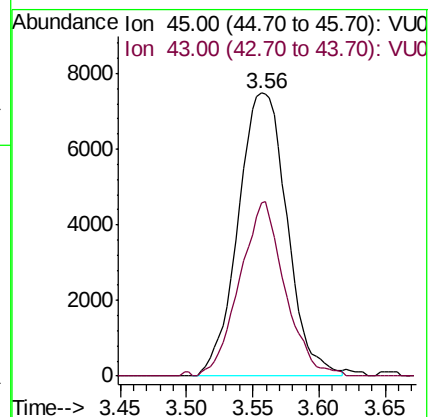
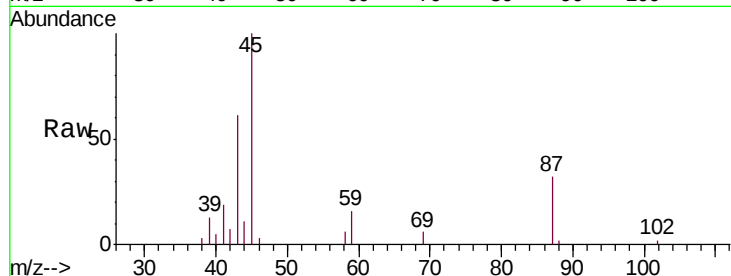
VSTDIC001

Tgt Ion: 45 Resp: 19204

Ion Ratio Lower Upper

45 100

43 57.1 27.8 83.3



#32

Ethyl-t-butyl ether

Concen: 0.867 ug/l

RT: 4.05 min Scan# 921

Delta R.T. -0.00 min

Lab File: VU033361.D

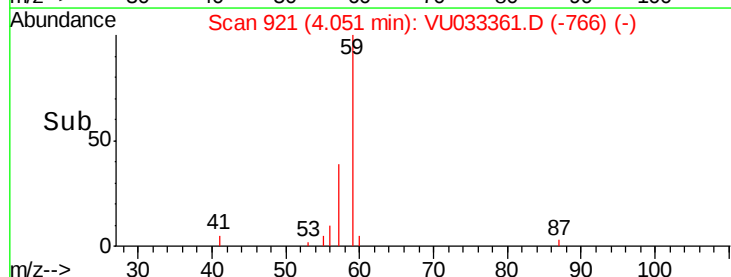
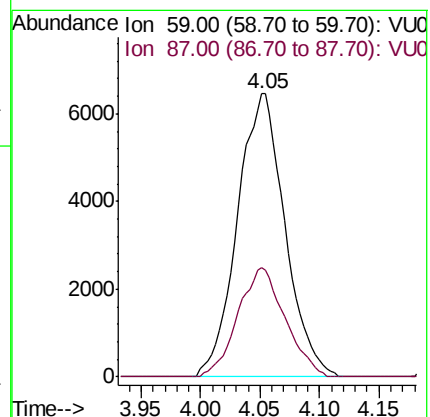
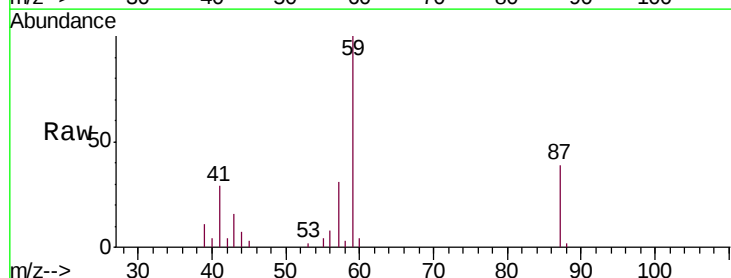
Acq: 22 Jul 2019 19:16

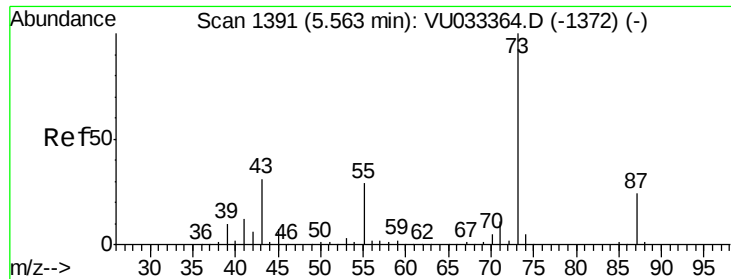
Tgt Ion: 59 Resp: 17856

Ion Ratio Lower Upper

59 100

87 38.3 33.8 50.6

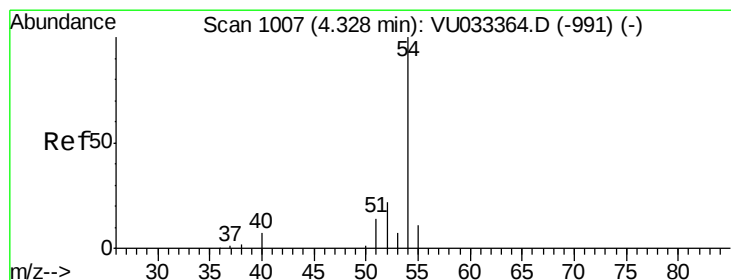
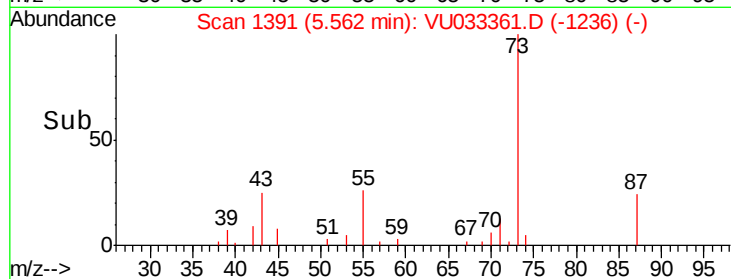
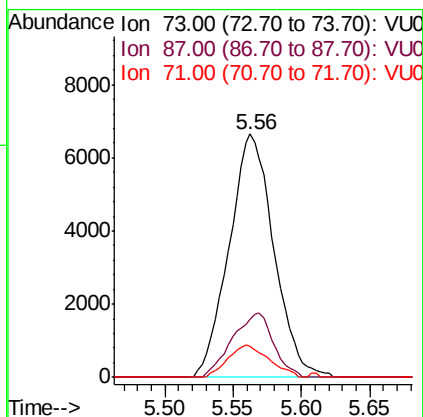
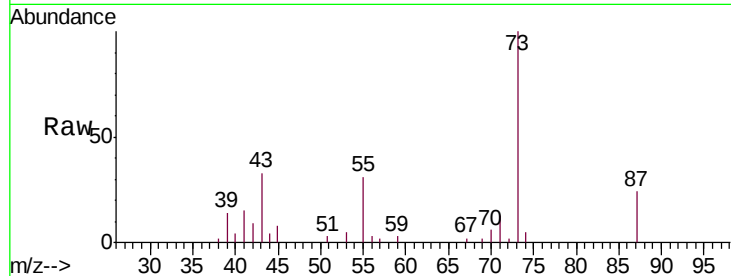




#33
Tert-Amyl methyl ether
Concen: 0.904 ug/l
RT: 5.56 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

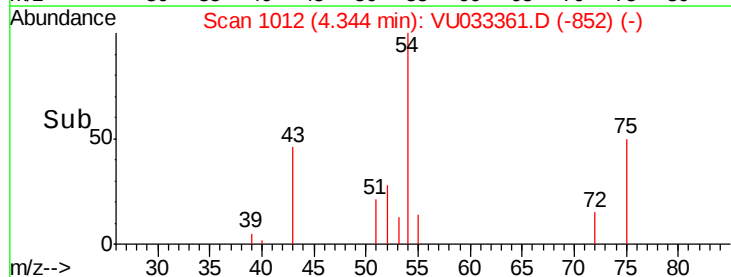
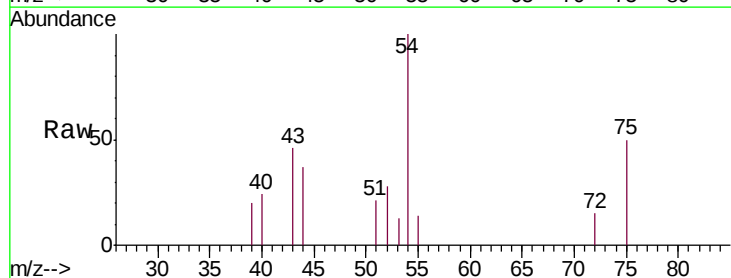
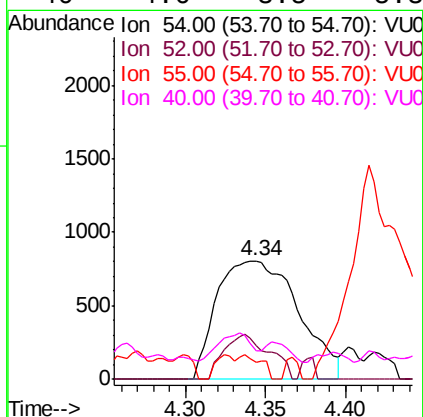
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

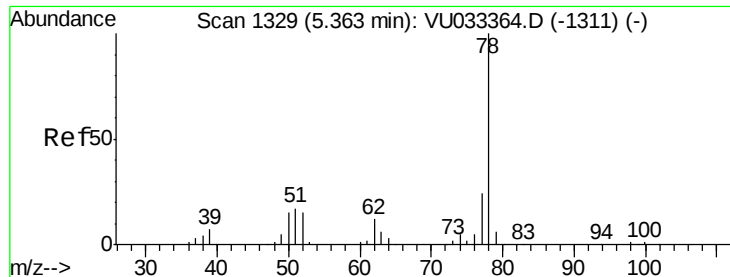
Tgt Ion: 73 Resp: 15121
Ion Ratio Lower Upper
73 100
87 24.4 18.9 28.3
71 12.1 9.3 13.9



#34
Propionitrile
Concen: 3.994 ug/l
RT: 4.34 min Scan# 1012
Delta R.T. 0.02 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Tgt Ion: 54 Resp: 2832
Ion Ratio Lower Upper
54 100
52 0.0 17.1 25.7#
55 0.0 11.6 17.4#
40 4.6 3.5 5.3





#35

Benzene

Concen: 0.921 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

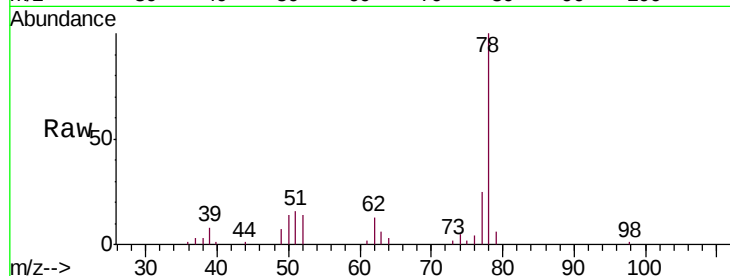
VSTDIC001

Tgt Ion: 78 Resp: 30669

Ion Ratio Lower Upper

78 100

77 25.0 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU033361.D (-1311) (-)

Ion 77.00 (76.70 to 77.70): VU033361.D (-1311) (-)

5.37

15000

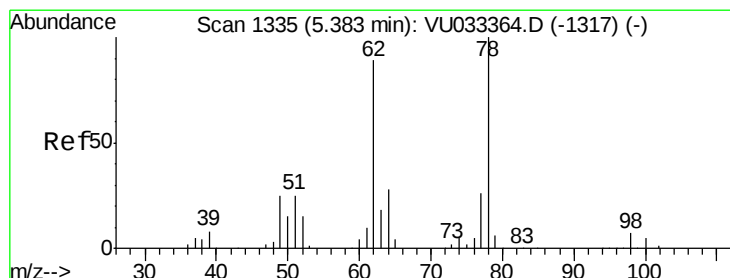
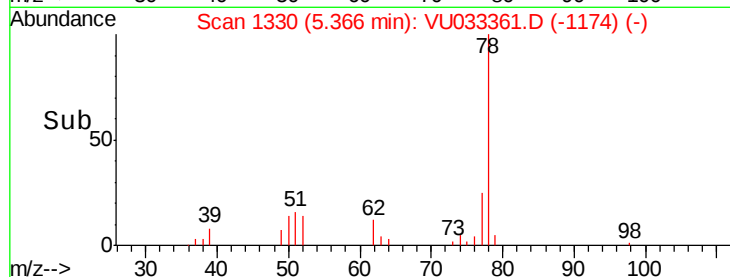
10000

5000

0

5.30 5.35 5.40 5.45

Time-->



#36

1,2-Dichloroethane

Concen: 0.988 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU033361.D

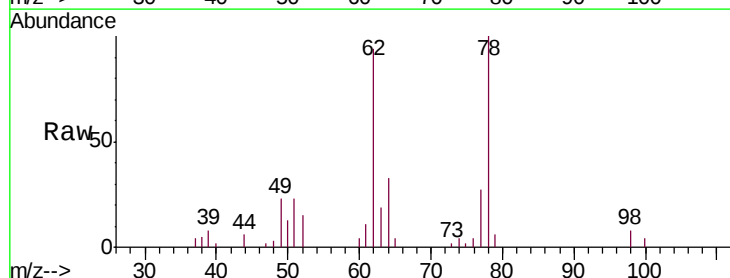
Acq: 22 Jul 2019 19:16

Tgt Ion: 62 Resp: 10799

Ion Ratio Lower Upper

62 100

98 7.7 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU033361.D (-1180) (-)

Ion 98.00 (97.70 to 98.70): VU033361.D (-1180) (-)

5.39

6000

5000

4000

3000

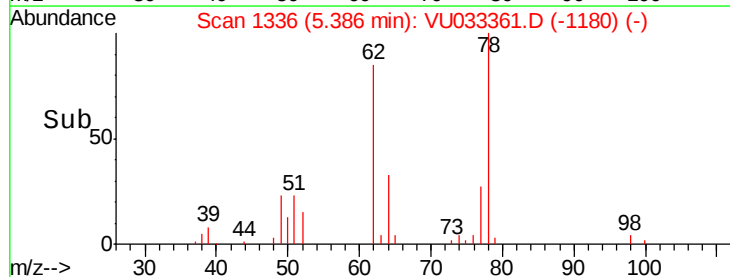
2000

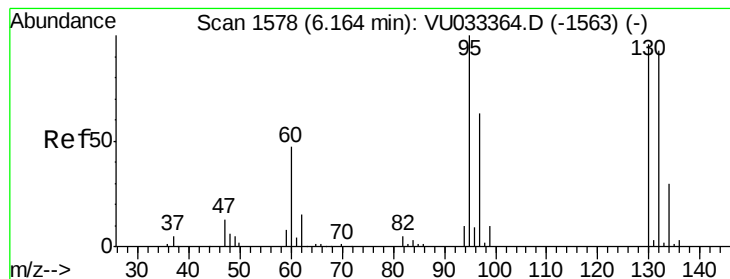
1000

0

5.30 5.35 5.40 5.45

Time-->





#37

Trichloroethene

Concen: 1.002 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

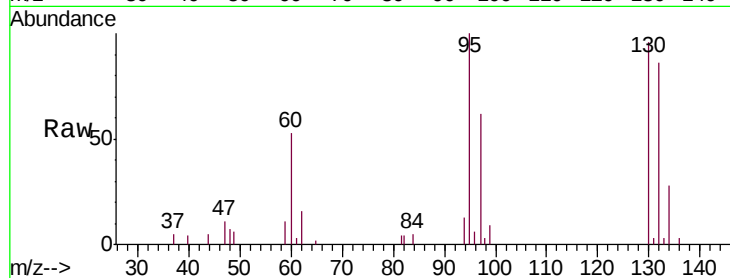
VSTDIC001

Tgt Ion:130 Resp: 8292

Ion Ratio Lower Upper

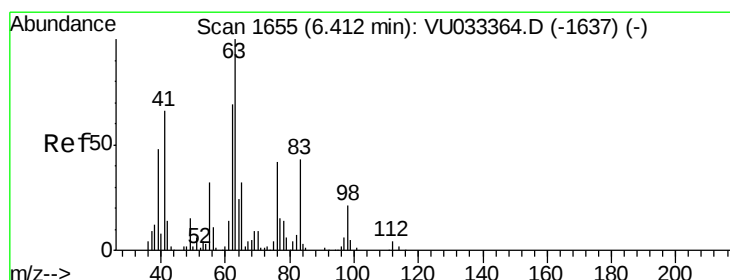
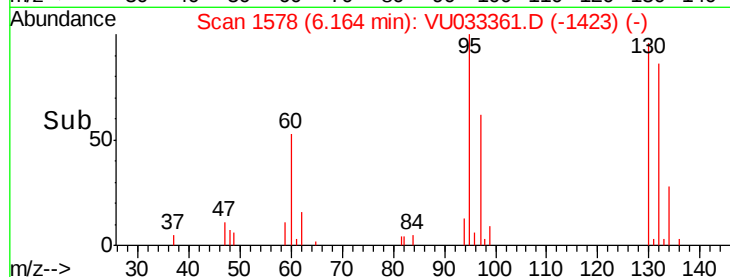
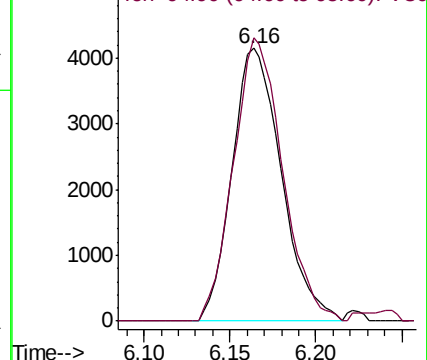
130 100

95 103.6 83.4 125.0



Abundance Ion 129.90 (129.60 to 130.60): VU033361.D (-1563) (-)

Ion 94.90 (94.60 to 95.60): VU033361.D (-1563) (-)



#38

1,2-Dichloropropane

Concen: 0.928 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU033361.D

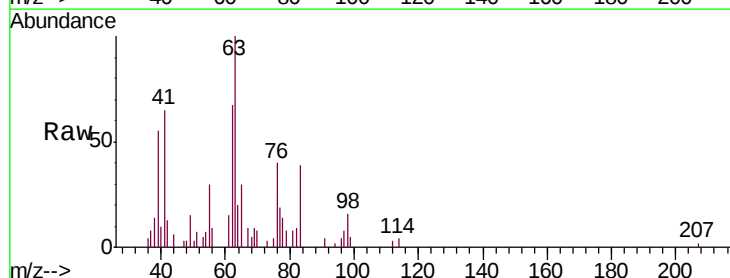
Acq: 22 Jul 2019 19:16

Tgt Ion: 63 Resp: 8714

Ion Ratio Lower Upper

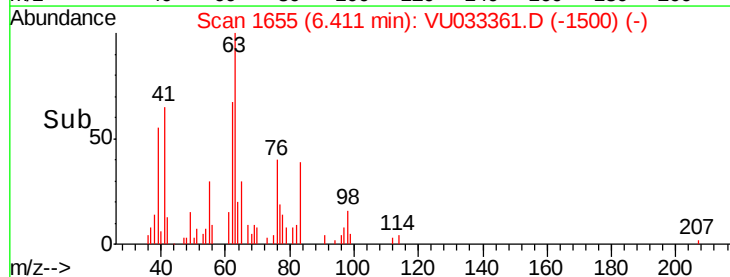
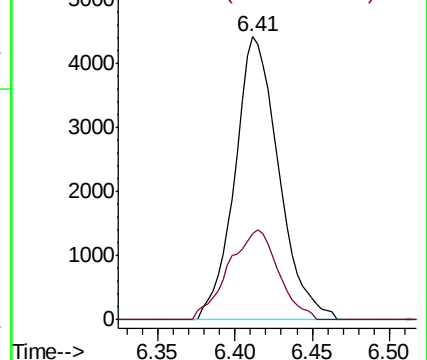
63 100

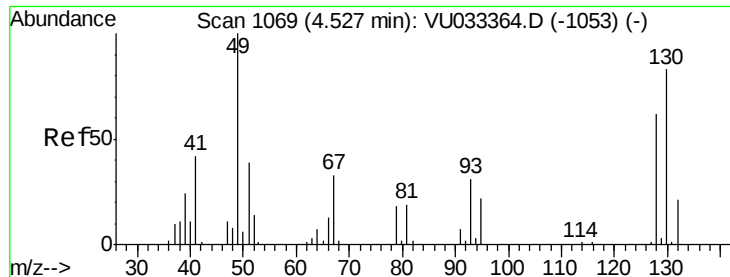
65 30.3 25.7 38.5



Abundance Ion 63.00 (62.70 to 63.70): VU033361.D (-1500) (-)

Ion 65.00 (64.70 to 65.70): VU033361.D (-1500) (-)

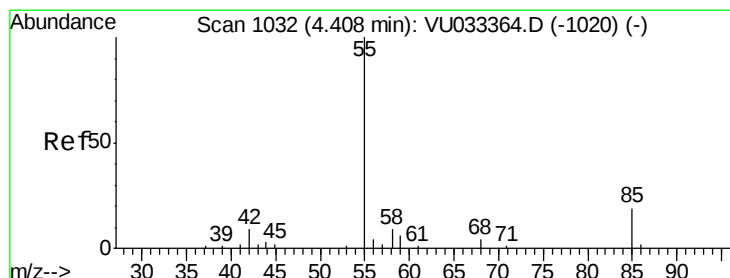
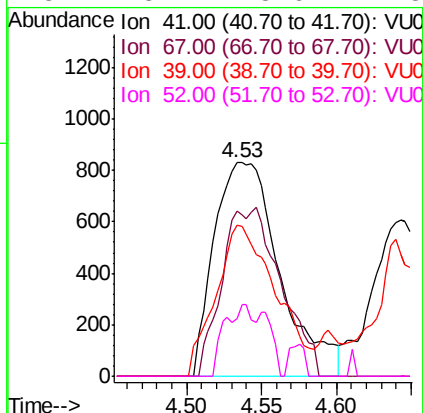
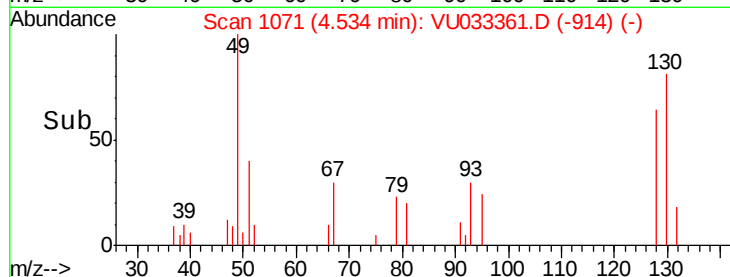
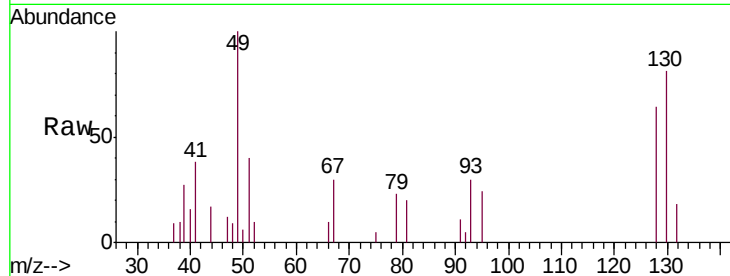




#39
Methacrylonitrile
Concen: 0.874 ug/l
RT: 4.53 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

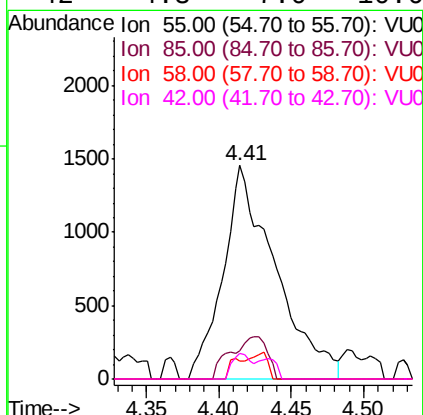
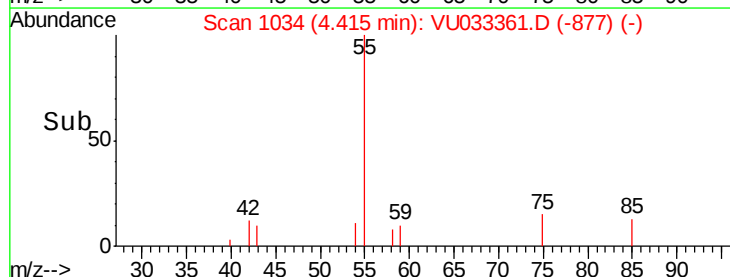
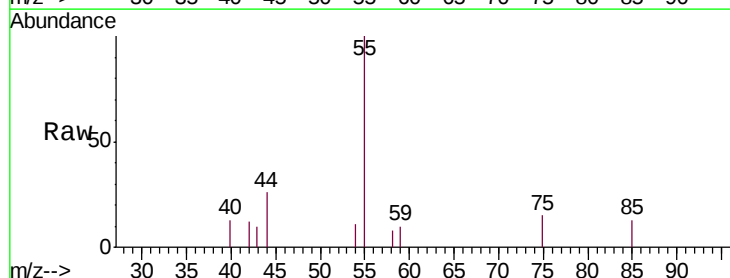
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

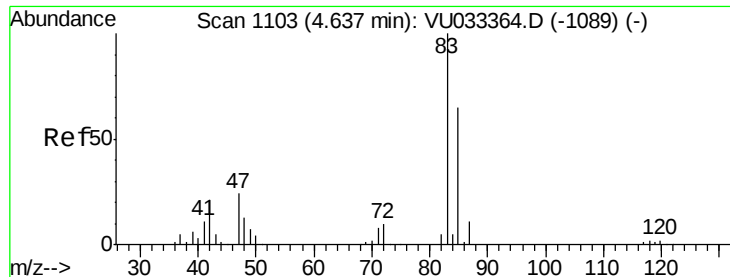
Tgt Ion: 41 Resp: 2536
Ion Ratio Lower Upper
41 100
67 31.6 64.4 96.6#
39 65.0 46.8 70.2
52 15.2 28.6 42.8#



#40
Methyl acrylate
Concen: 0.947 ug/l
RT: 4.41 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Tgt Ion: 55 Resp: 3646
Ion Ratio Lower Upper
55 100
85 0.0 14.8 22.2#
58 2.1 7.1 10.7#
42 4.3 7.0 10.6#

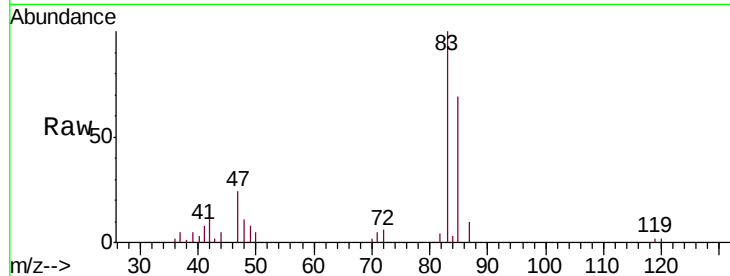




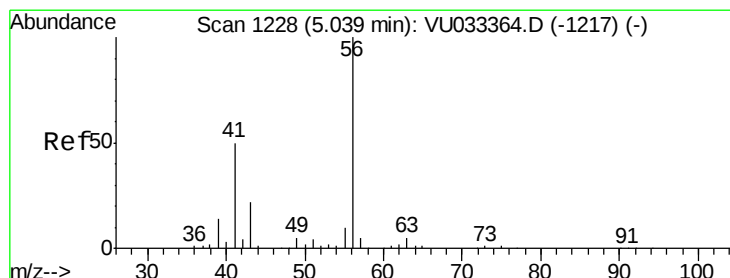
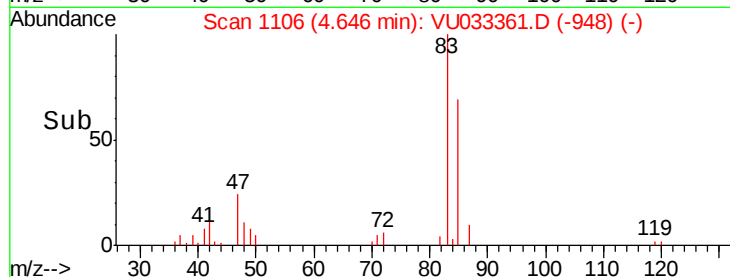
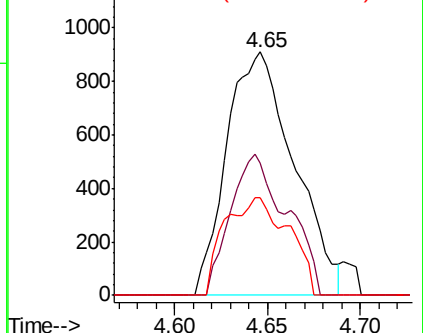
#41
Tetrahydrofuran
Concen: 1.435 ug/l
RT: 4.65 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 42 Resp: 2299
Ion Ratio Lower Upper
42 100
72 48.4 38.7 58.1
71 37.9 34.6 52.0

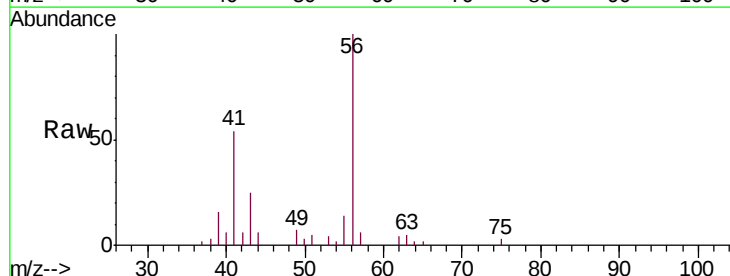


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

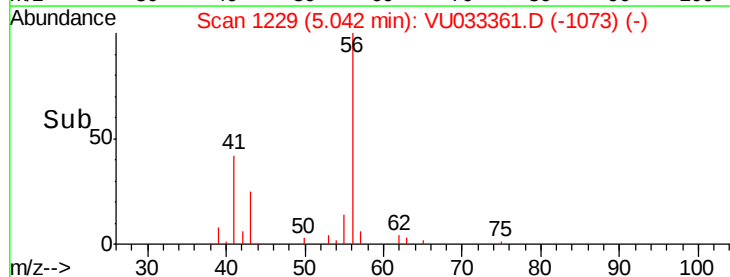
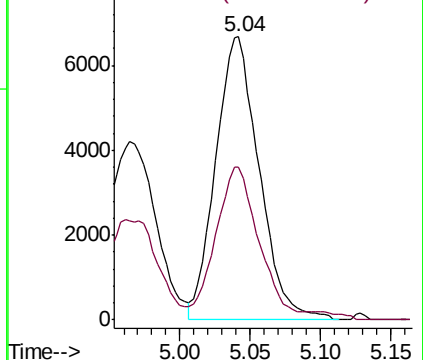


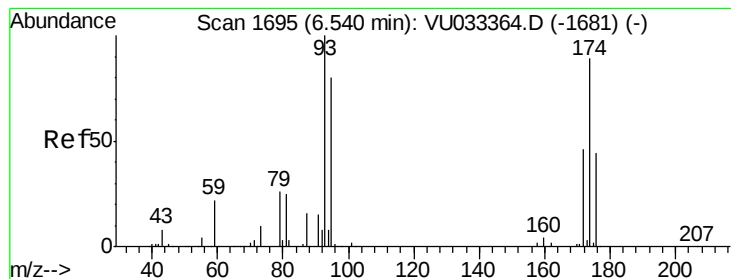
#42
1-Chlorobutane
Concen: 0.879 ug/l
RT: 5.04 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Tgt Ion: 56 Resp: 14334
Ion Ratio Lower Upper
56 100
41 56.0 25.7 77.1



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.034 ug/l

RT: 6.55 min Scan# 1697

Delta R.T. 0.01 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

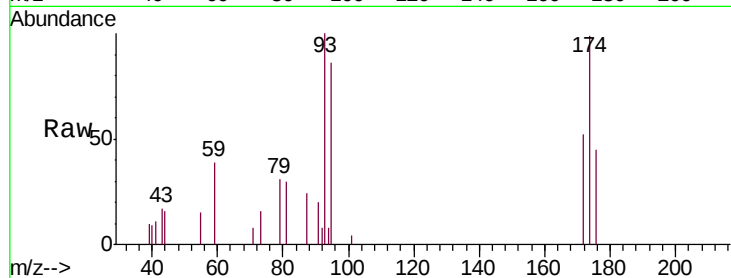
Tgt Ion: 93 Resp: 4878

Ion Ratio Lower Upper

93 100

95 84.0 65.3 97.9

174 90.0 70.7 106.1



Abundance Ion 93.00 (92.70 to 93.70): VU033361.D (-1540) (-)

Ion 95.00 (94.70 to 95.70): VU033361.D (-1540) (-)

Ion 174.00 (173.70 to 174.70): VU033361.D (-1540) (-)

Time-->

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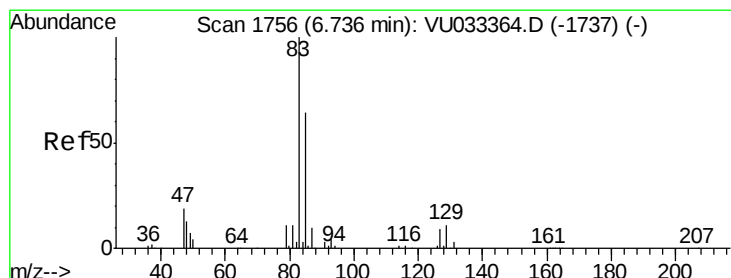
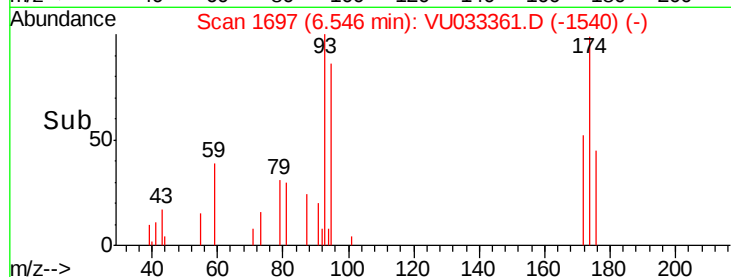
6.55

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#44

Bromodichloromethane

Concen: 1.038 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

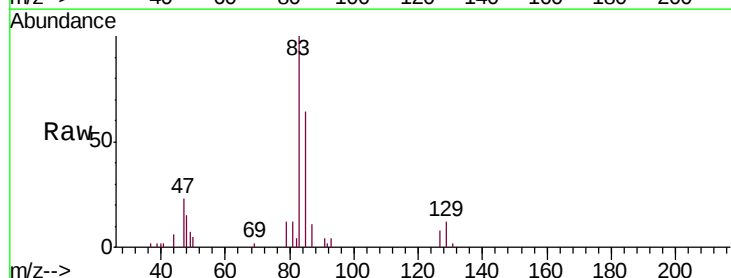
Tgt Ion: 83 Resp: 12070

Ion Ratio Lower Upper

83 100

85 63.7 51.1 76.7

127 8.4 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VU033361.D (-1601) (-)

Ion 85.00 (84.70 to 85.70): VU033361.D (-1601) (-)

Ion 127.00 (126.70 to 127.70): VU033361.D (-1601) (-)

Time-->

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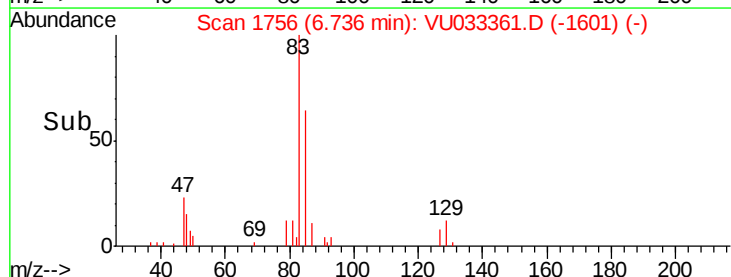
6.74

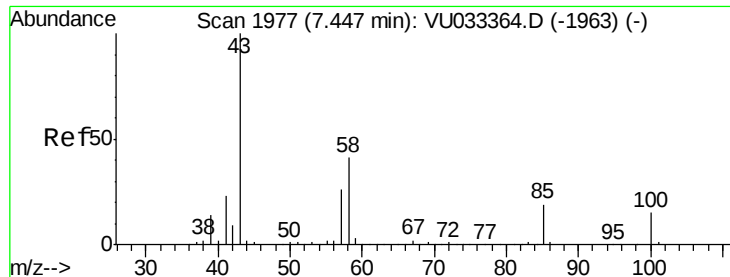
6.74

6.74

6.74

6.74





#45

4-Methyl-2-Pentanone

Concen: 4.124 ug/l

RT: 7.45 min Scan# 1978

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

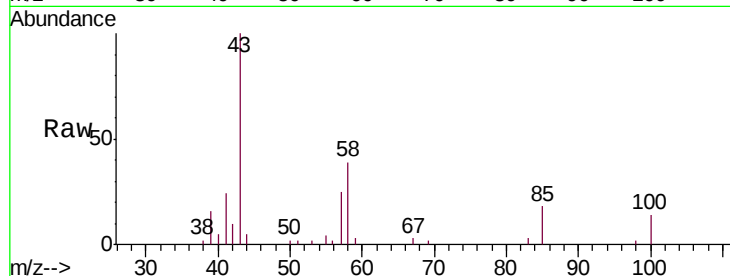
Tgt Ion: 43 Resp: 22616

Ion Ratio Lower Upper

43 100

58 37.5 20.3 60.8

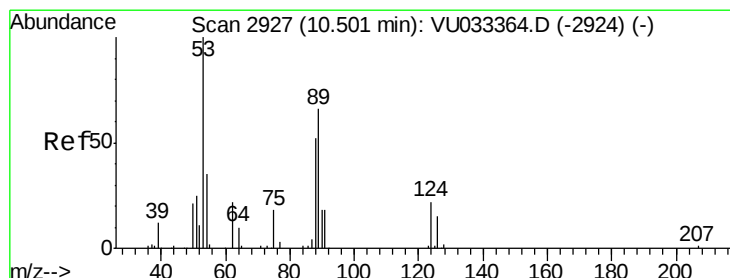
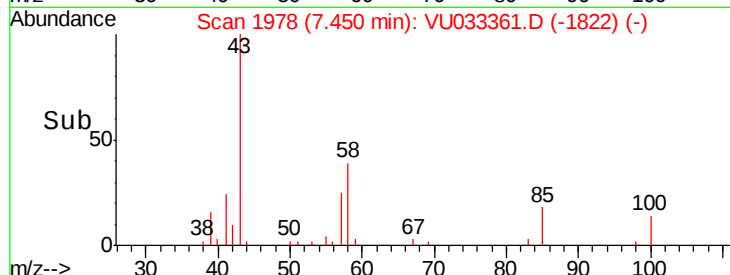
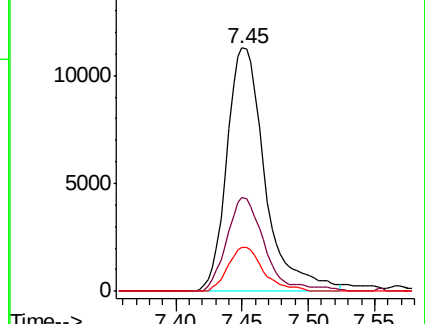
85 16.6 15.0 22.6



Abundance Ion 43.00 (42.70 to 43.70): VU033361.D (-1963) (-)

Ion 58.00 (57.70 to 58.70): VU033361.D (-1963) (-)

Ion 85.00 (84.70 to 85.70): VU033361.D (-1963) (-)



#46

t-1,4-Dichloro-2-butene

Concen: 3.377 ug/l

RT: 10.48 min Scan# 2921

Delta R.T. -0.02 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Tgt Ion: 75 Resp: 5999

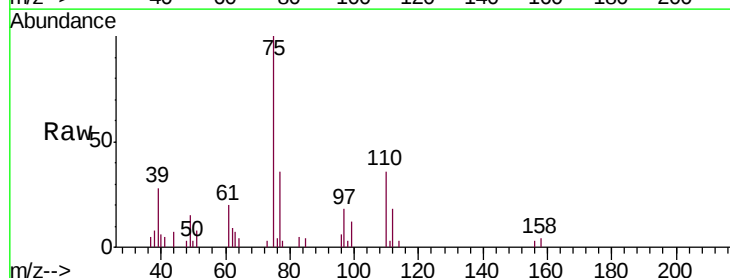
Ion Ratio Lower Upper

75 100

53 50.3 62.9 94.3#

89 34.9 43.0 64.4#

88 26.7 35.0 52.4#

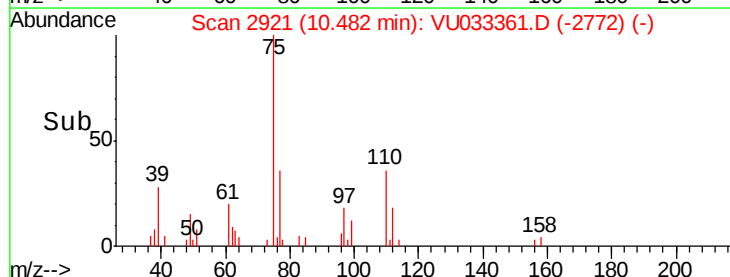
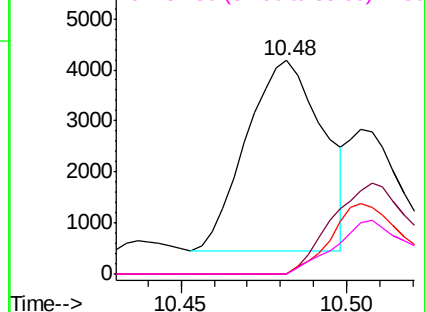


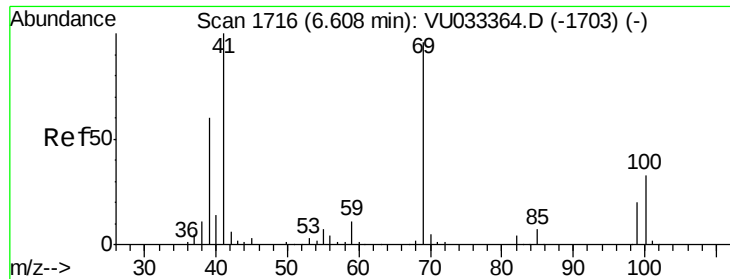
Abundance Ion 74.90 (74.60 to 75.60): VU033361.D (-2772) (-)

Ion 53.00 (52.70 to 53.70): VU033361.D (-2772) (-)

Ion 88.80 (88.50 to 89.50): VU033361.D (-2772) (-)

Ion 87.80 (87.50 to 88.50): VU033361.D (-2772) (-)

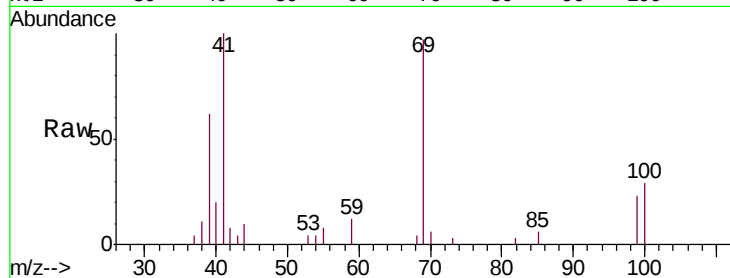




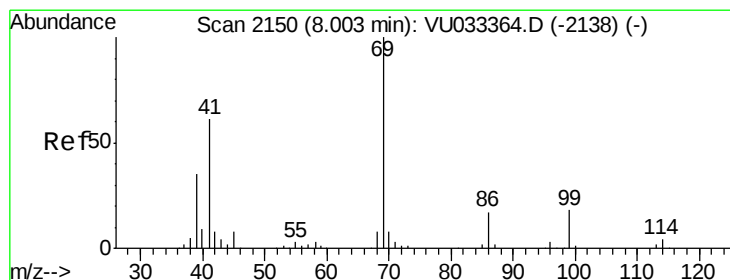
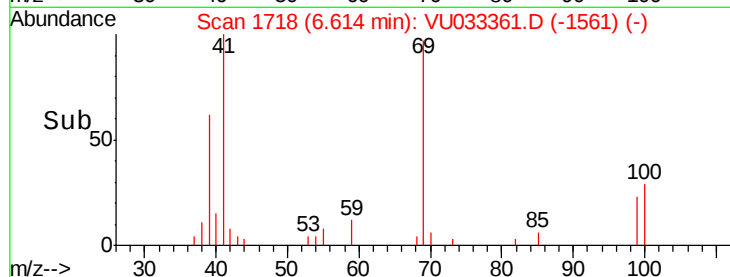
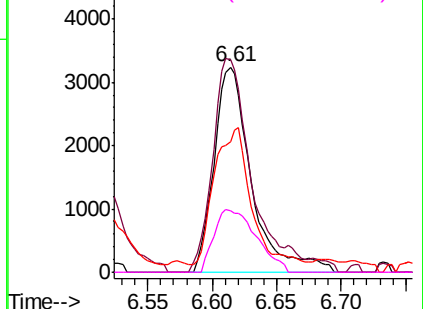
#47
Methyl methacrylate
Concen: 1.807 ug/l
RT: 6.61 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 6517
Ion Ratio Lower Upper
69 100
41 111.3 0.0 208.2
39 64.8 50.6 75.8
100 34.4 27.2 40.8

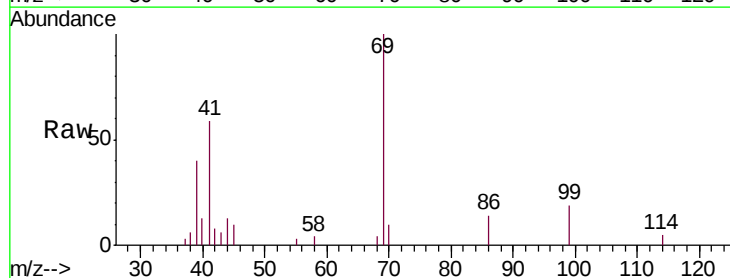


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

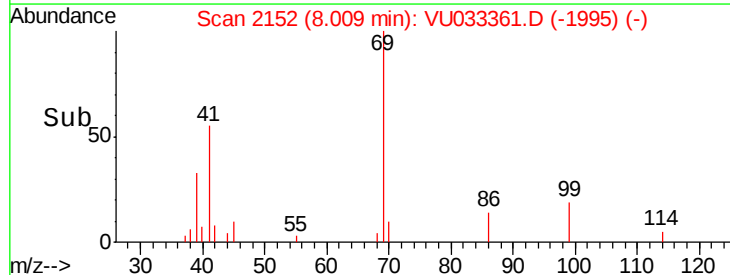
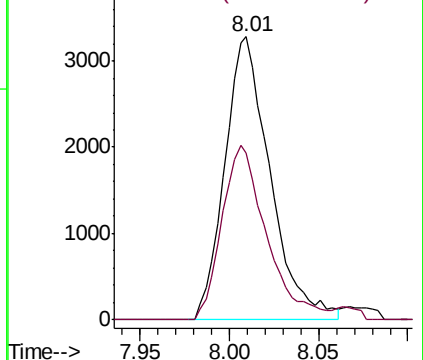


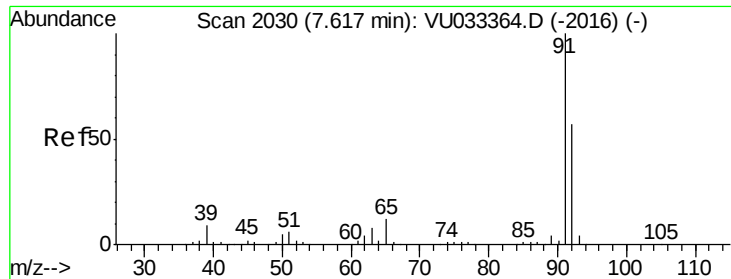
#48
Ethyl methacrylate
Concen: 0.927 ug/l
RT: 8.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Tgt Ion: 69 Resp: 5818
Ion Ratio Lower Upper
69 100
41 60.3 30.9 92.7



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





#49

Toluene

Concen: 0.935 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

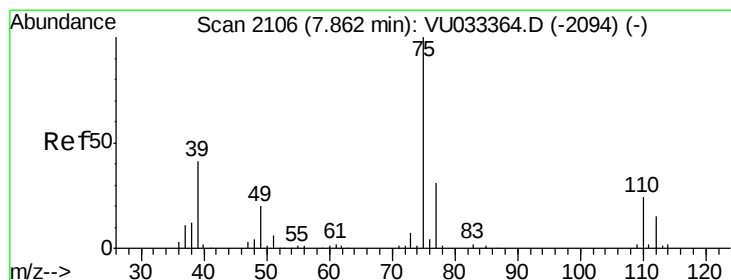
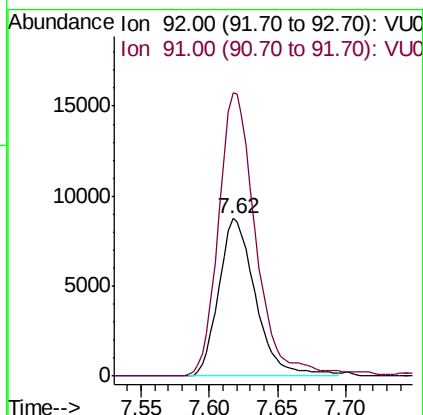
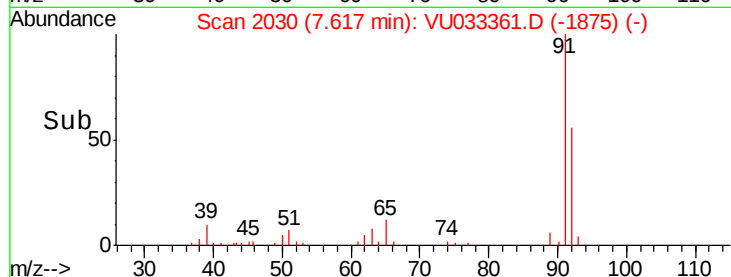
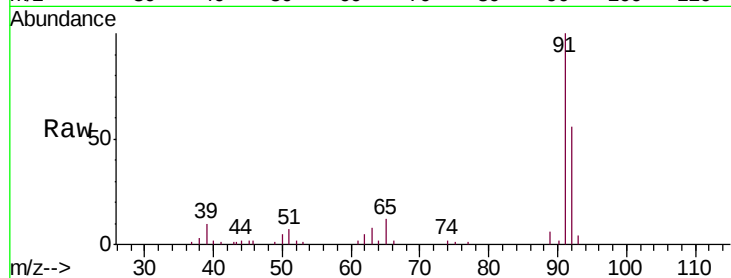
VSTDIC001

Tgt Ion: 92 Resp: 16436

Ion Ratio Lower Upper

92 100

91 182.1 142.1 213.1



#50

t-1,3-Dichloropropene

Concen: 1.021 ug/l

RT: 7.87 min Scan# 2108

Delta R.T. 0.01 min

Lab File: VU033361.D

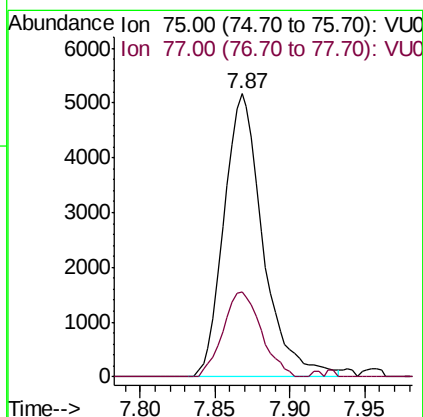
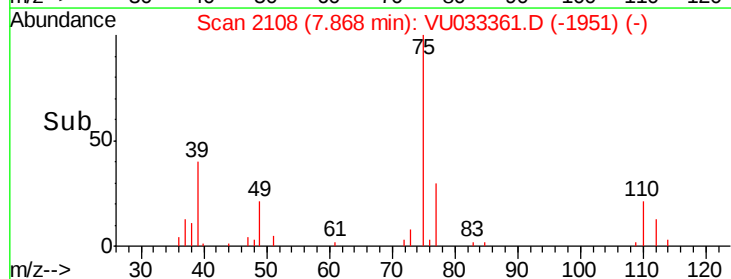
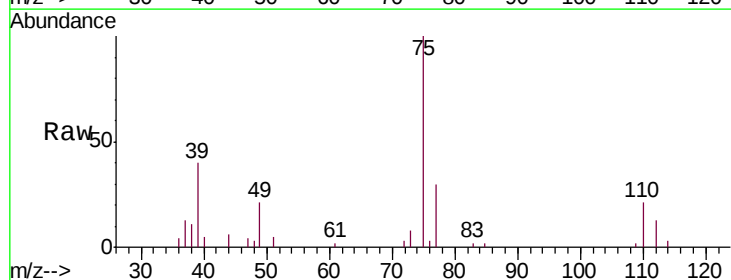
Acq: 22 Jul 2019 19:16

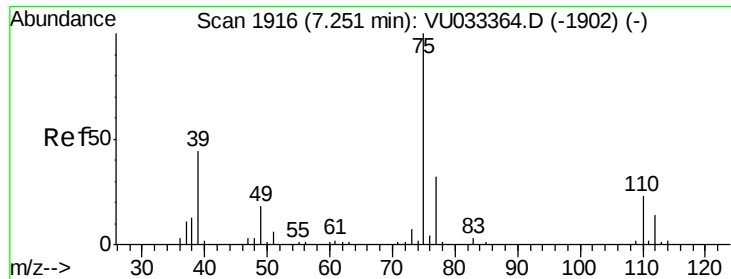
Tgt Ion: 75 Resp: 9402

Ion Ratio Lower Upper

75 100

77 29.9 25.2 37.8

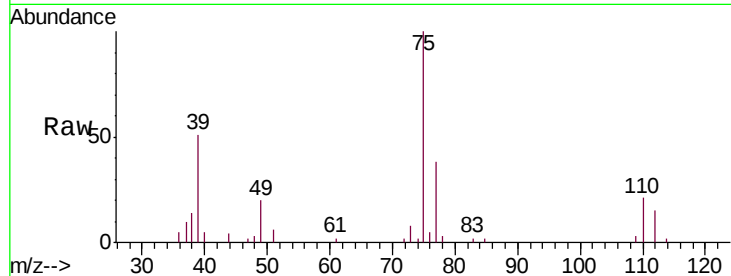




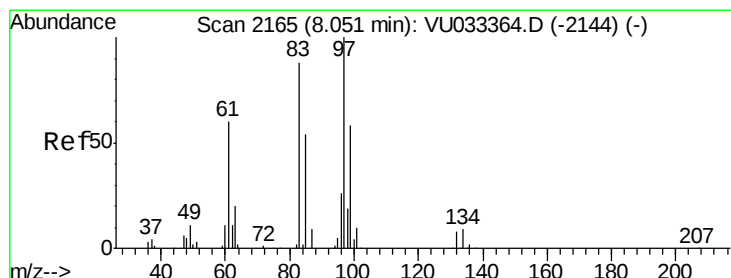
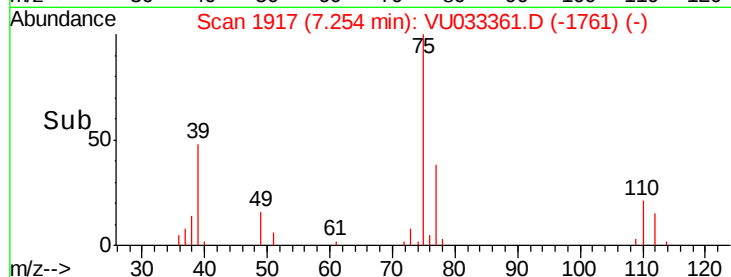
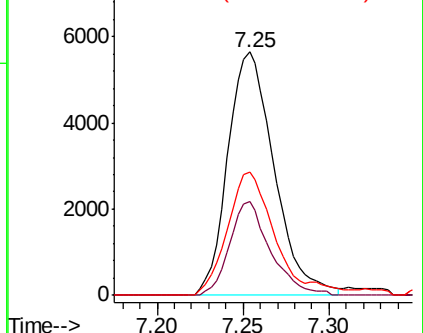
#51
 cis-1,3-Dichloropropene
 Concen: 0.950 ug/l
 RT: 7.25 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 10572
 Ion Ratio Lower Upper
 75 100
 77 38.5 25.8 38.8
 39 50.6 35.2 52.8

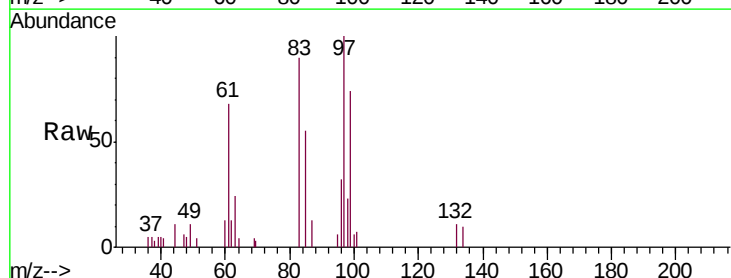


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

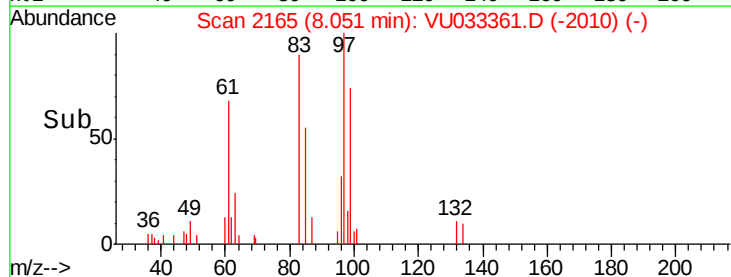
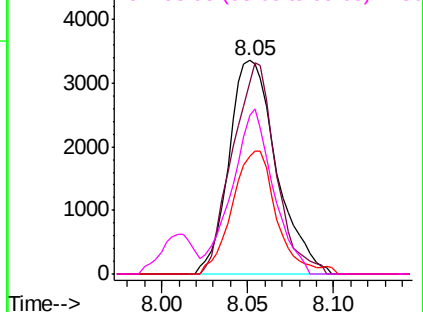


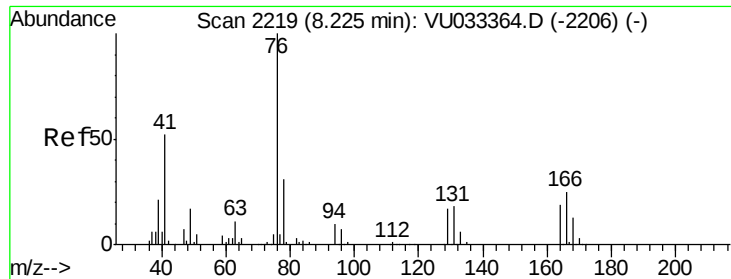
#52
 1,1,2-Trichloroethane
 Concen: 1.046 ug/l
 RT: 8.05 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

Tgt Ion: 97 Resp: 6473
 Ion Ratio Lower Upper
 97 100
 83 89.6 70.2 105.2
 85 55.0 43.5 65.3
 99 74.3 47.9 71.9#



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

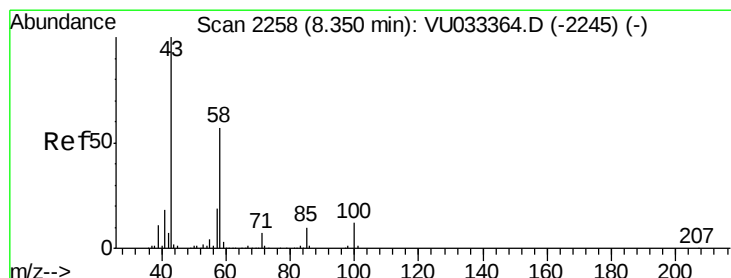
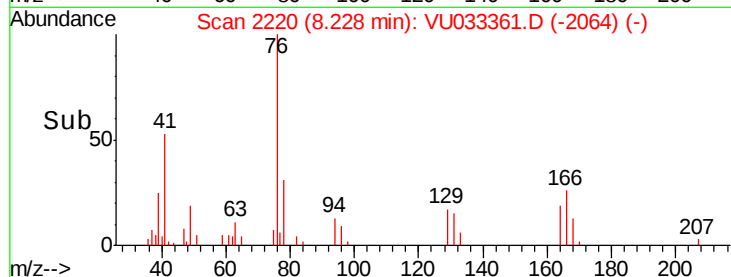
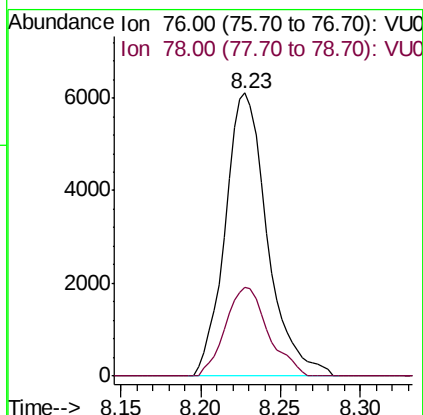
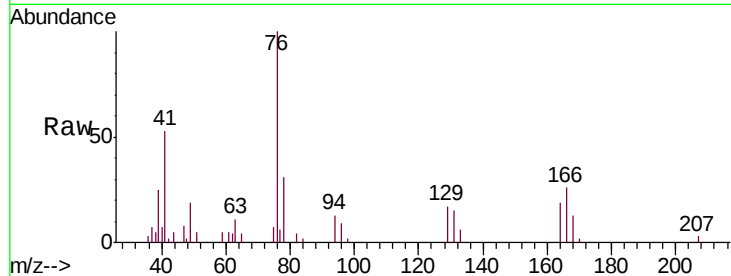




#53
 1,3-Dichloropropane
 Concen: 1.026 ug/l
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

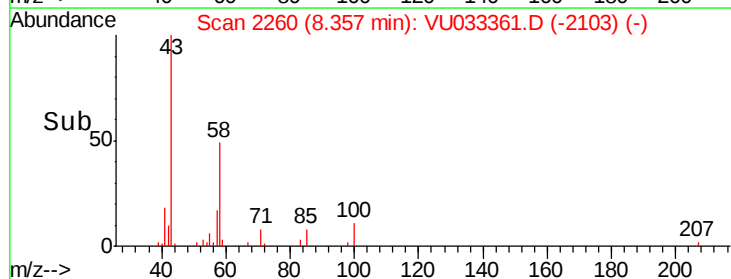
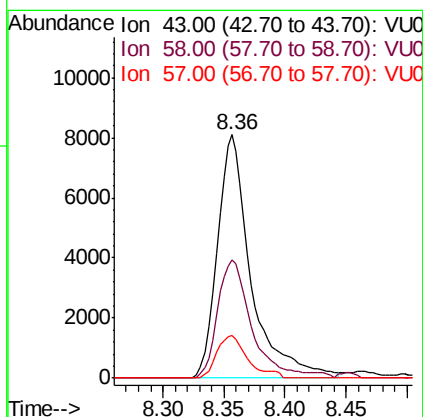
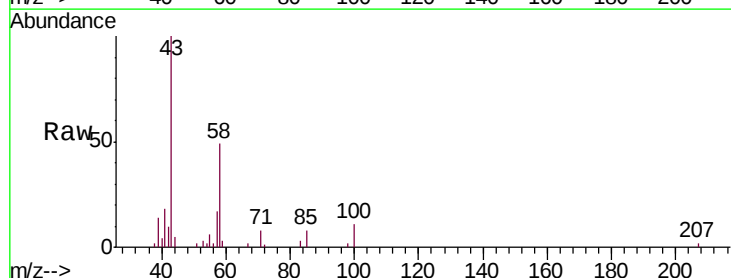
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

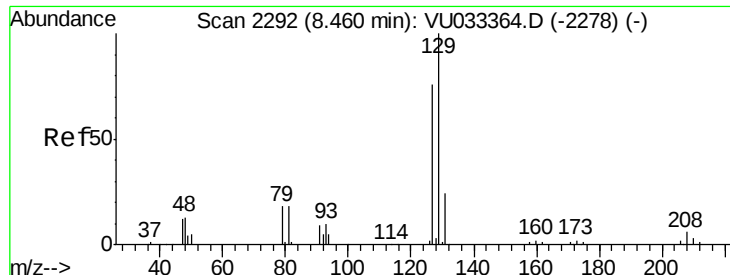
Tgt Ion: 76 Resp: 10996
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5



#54
 2-Hexanone
 Concen: 4.194 ug/l
 RT: 8.36 min Scan# 2260
 Delta R.T. 0.01 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

Tgt Ion: 43 Resp: 15583
 Ion Ratio Lower Upper
 43 100
 58 48.7 36.0 76.0
 57 16.1 0.0 39.4





#55

Dibromochloromethane

Concen: 1.042 ug/l

RT: 8.46 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

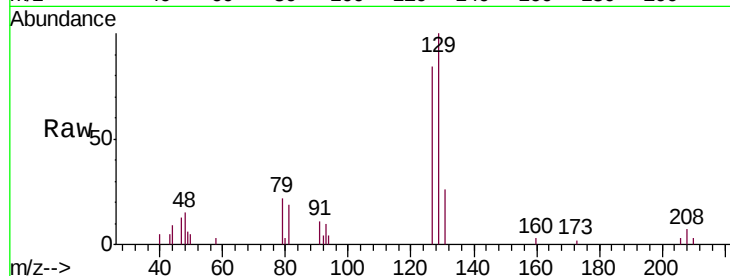
VSTDIC001

Tgt Ion:129 Resp: 7293

Ion Ratio Lower Upper

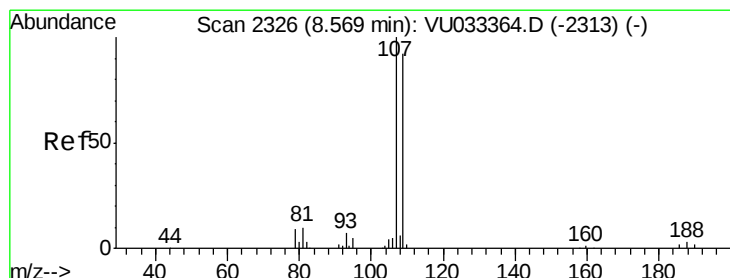
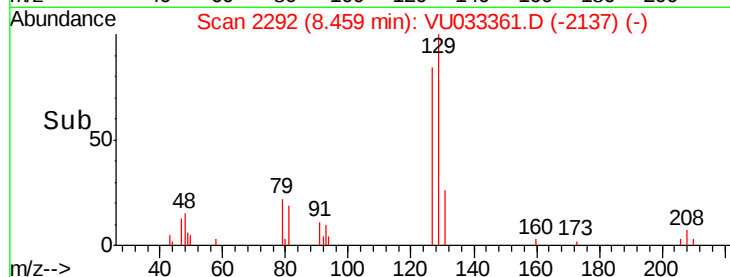
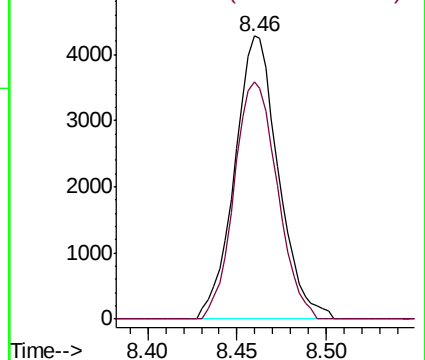
129 100

127 82.7 60.9 91.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.072 ug/l

RT: 8.57 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU033361.D

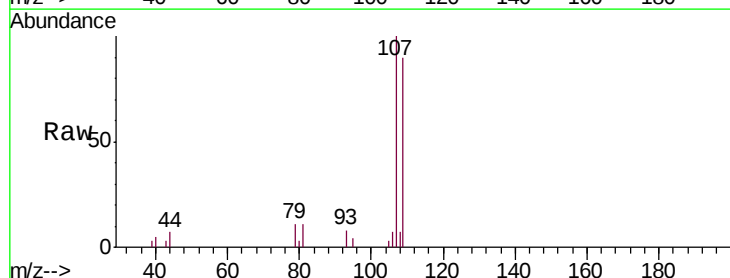
Acq: 22 Jul 2019 19:16

Tgt Ion:107 Resp: 5952

Ion Ratio Lower Upper

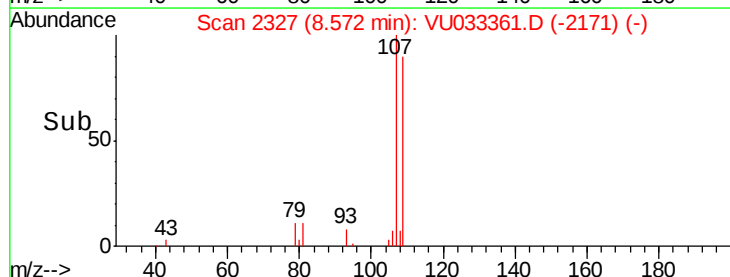
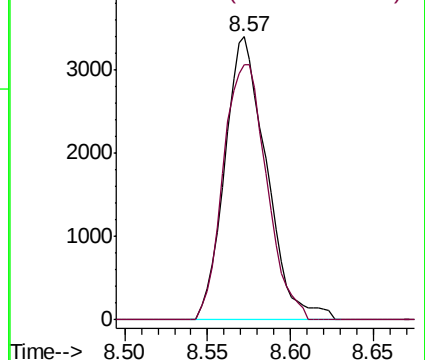
107 100

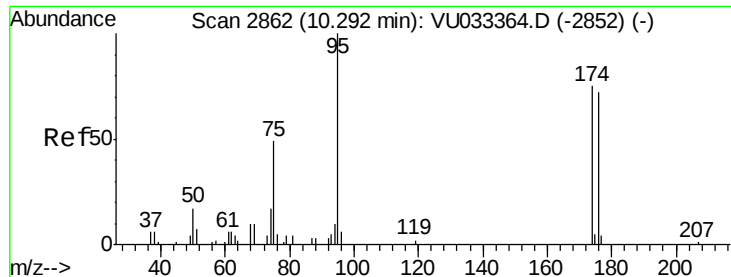
109 93.5 0.0 184.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

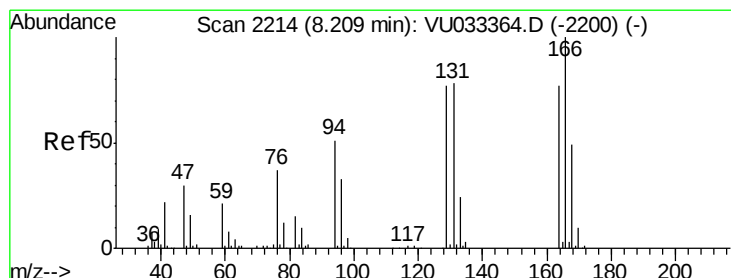
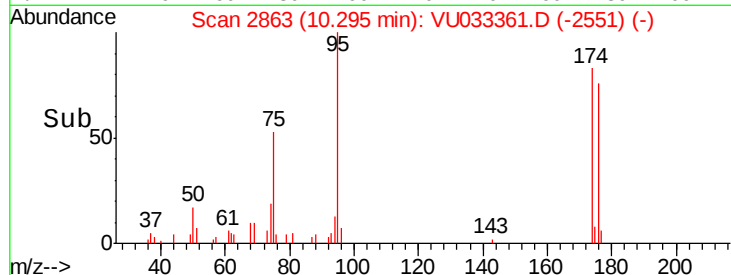
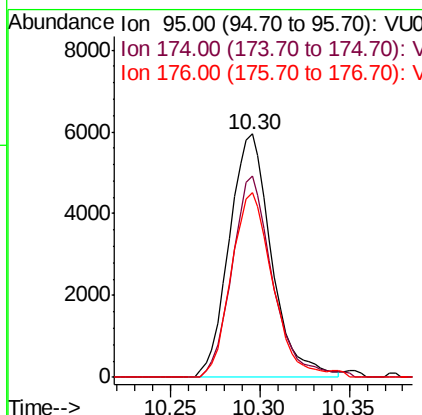
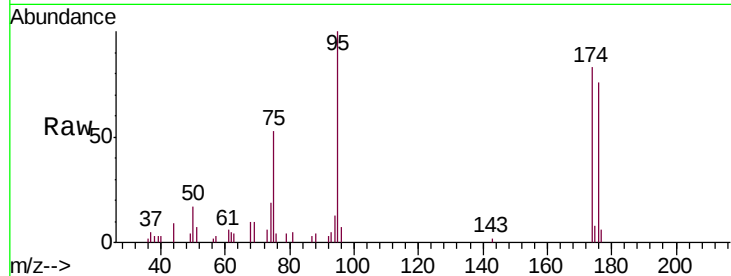




#57
4-Bromofluorobenzene
Concen: 1.051 ug/l
RT: 10.30 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

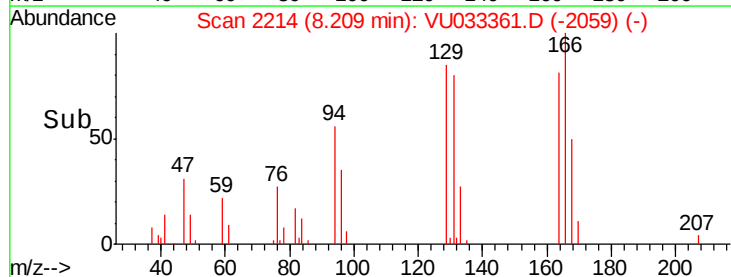
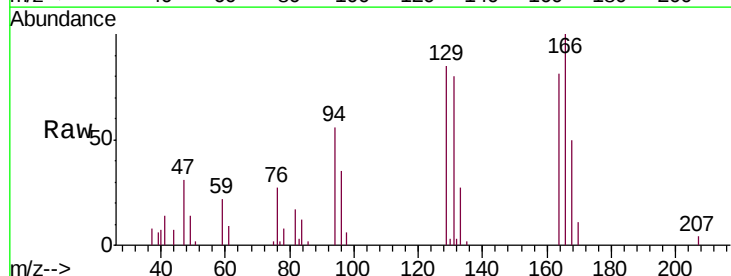
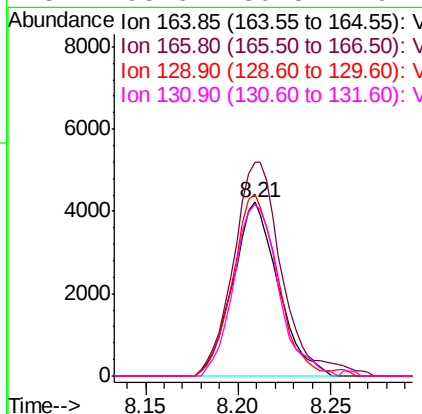
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

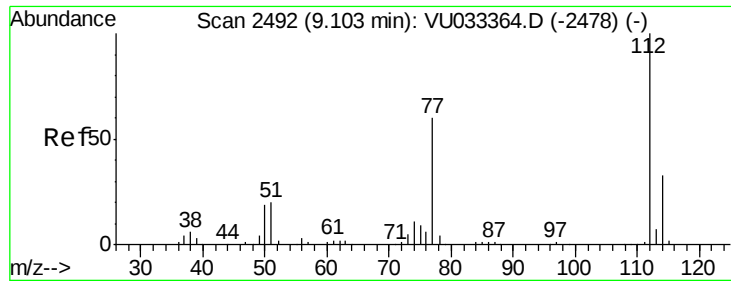
Tgt Ion: 95 Resp: 9824
Ion Ratio Lower Upper
95 100
174 79.4 58.8 88.2
176 74.9 54.4 81.6



#58
Tetrachloroethene
Concen: 0.905 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Tgt Ion: 164 Resp: 7185
Ion Ratio Lower Upper
164 100
166 122.9 103.8 155.6
129 104.8 79.7 119.5
131 98.6 80.5 120.7





#59

Chlorobenzene

Concen: 1.108 ug/l

RT: 9.11 min Scan# 2493

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

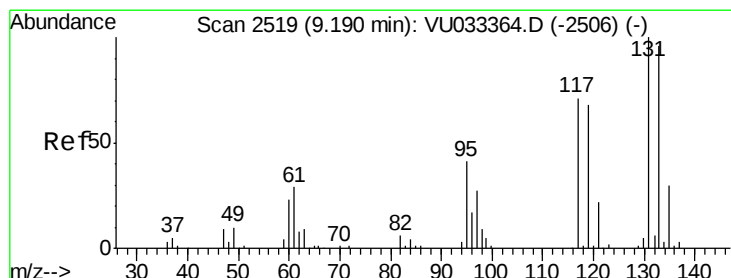
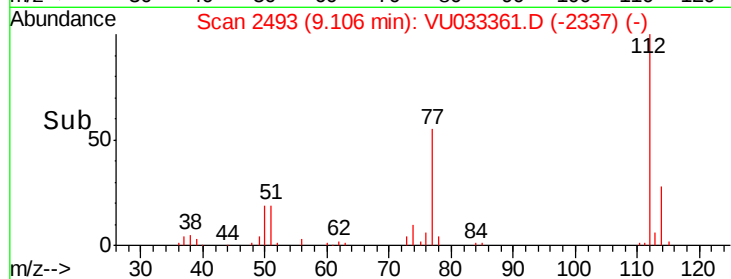
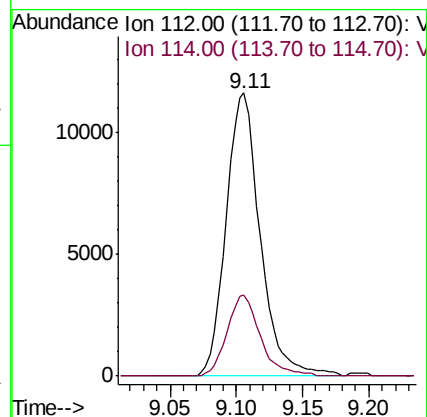
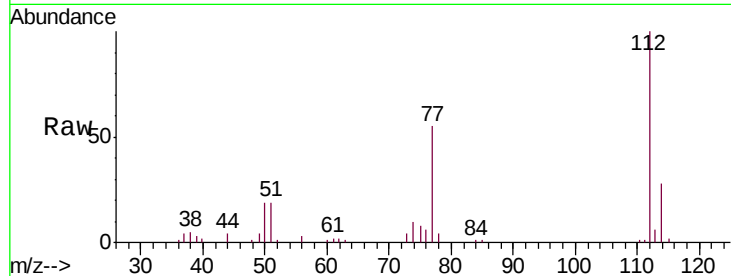
VSTDIC001

Tgt Ion:112 Resp: 20743

Ion Ratio Lower Upper

112 100

114 28.5 26.4 39.6



#60

1,1,1,2-Tetrachloroethane

Concen: 1.135 ug/l

RT: 9.19 min Scan# 2520

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

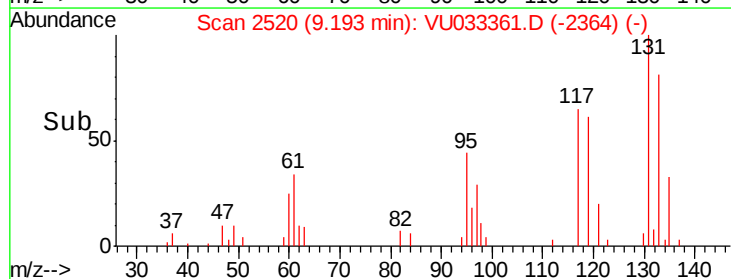
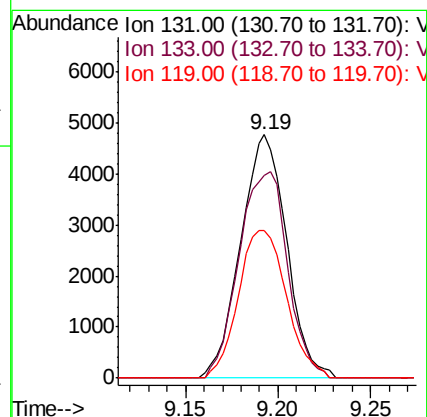
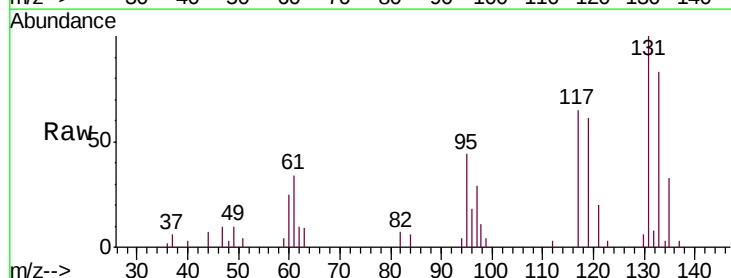
Tgt Ion:131 Resp: 8233

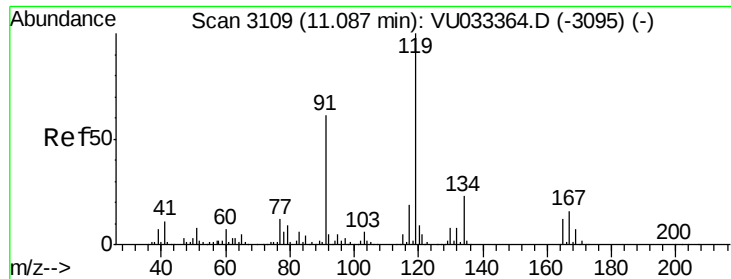
Ion Ratio Lower Upper

131 100

133 89.6 76.2 114.4

119 63.6 54.9 82.3

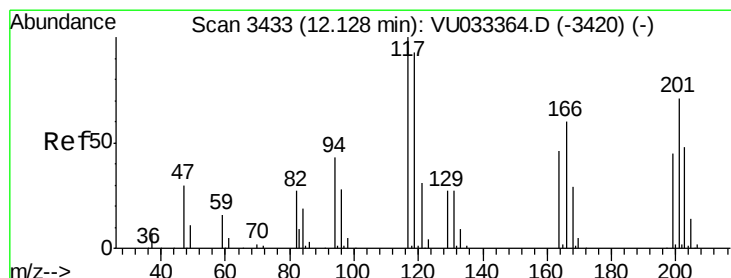
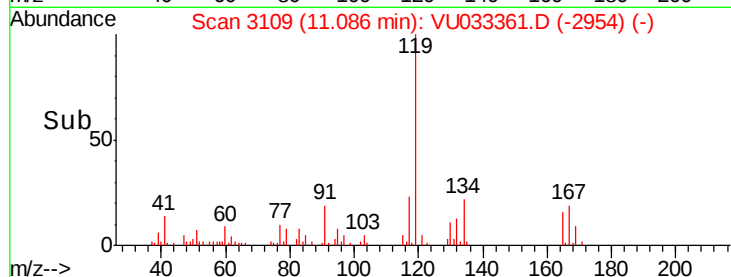
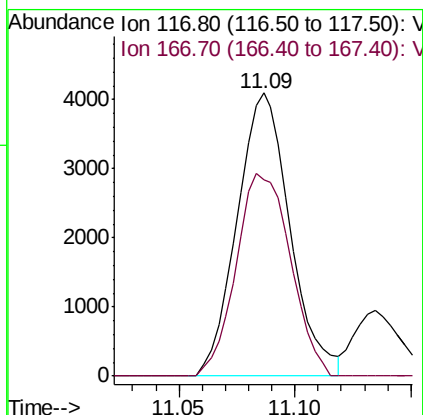
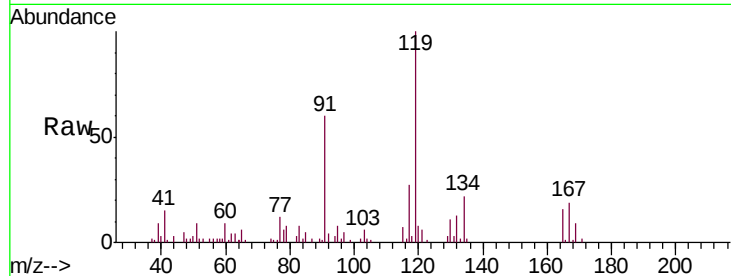




#61
 Pentachloroethane
 Concen: 1.225 ug/l
 RT: 11.09 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

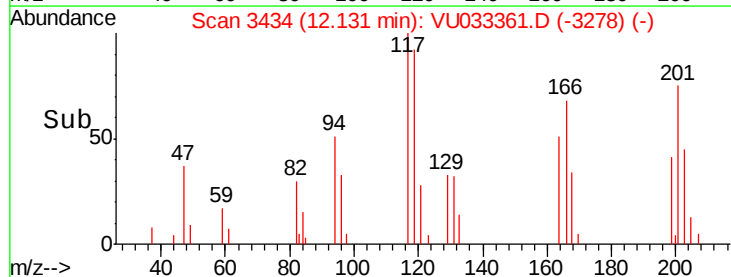
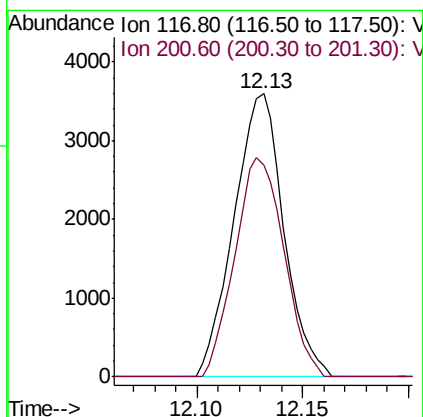
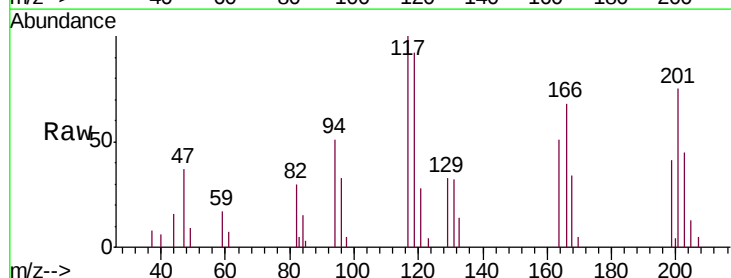
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

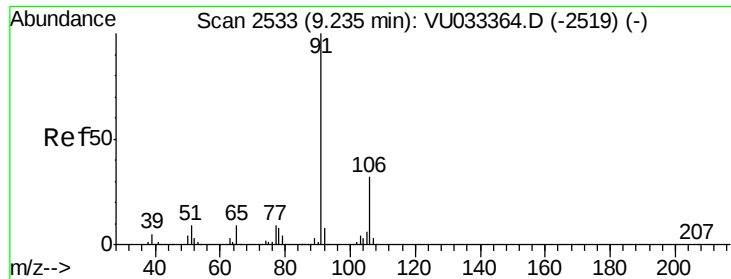
Tgt Ion:117 Resp: 6496
 Ion Ratio Lower Upper
 117 100
 167 73.4 63.4 95.0



#62
 Hexachloroethane
 Concen: 1.139 ug/l
 RT: 12.13 min Scan# 3434
 Delta R.T. 0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

Tgt Ion:117 Resp: 5899
 Ion Ratio Lower Upper
 117 100
 201 76.5 57.9 86.9

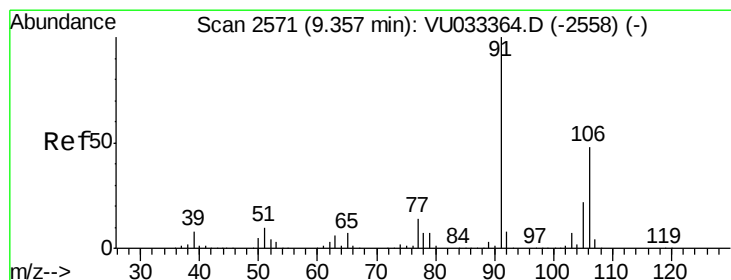
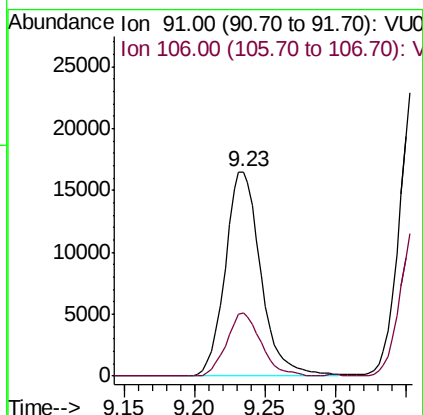
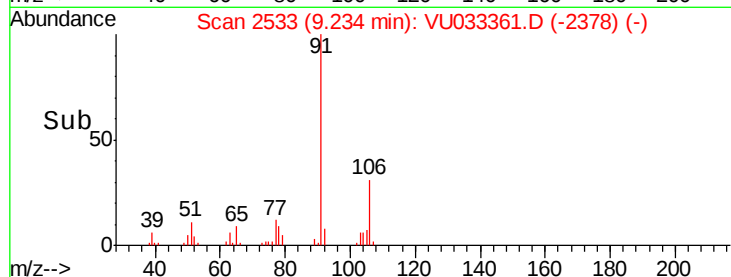
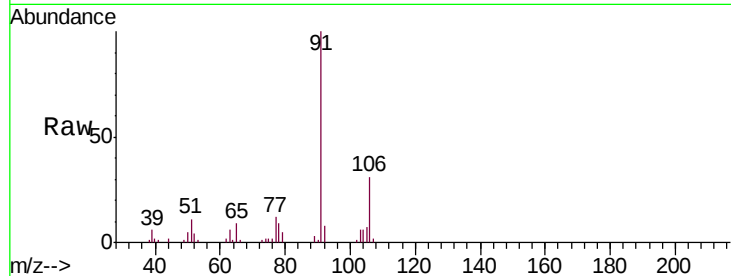




#63
Ethyl Benzene
Concen: 0.954 ug/l
RT: 9.23 min Scan# 2533
Delta R.T. -0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

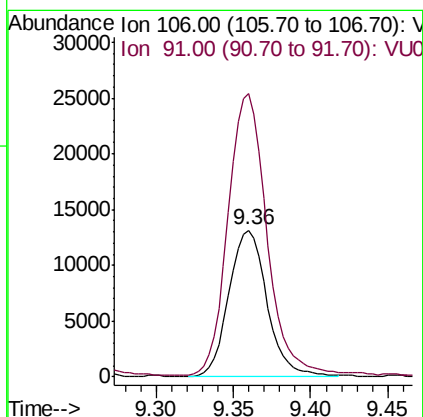
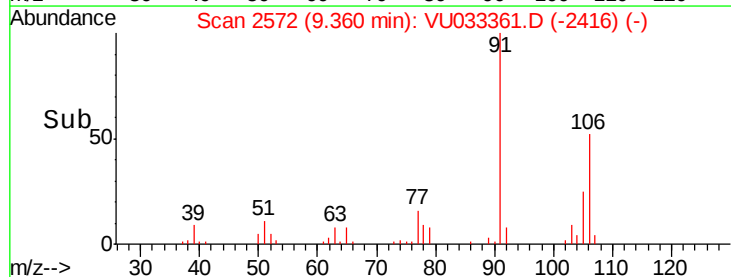
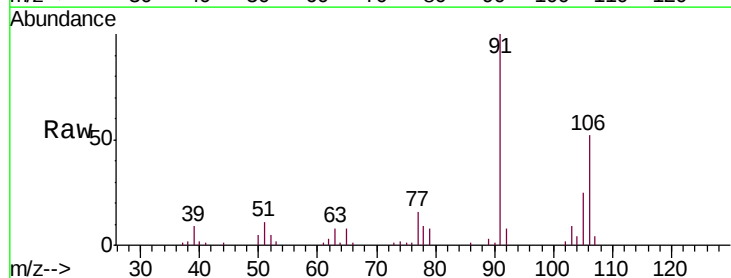
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

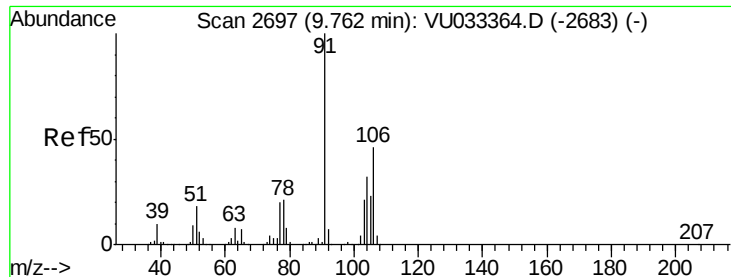
Tgt Ion: 91 Resp: 29064
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2



#64
m/p-Xylenes
Concen: 1.967 ug/l
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Tgt Ion: 106 Resp: 22623
Ion Ratio Lower Upper
106 100
91 193.9 167.1 250.7

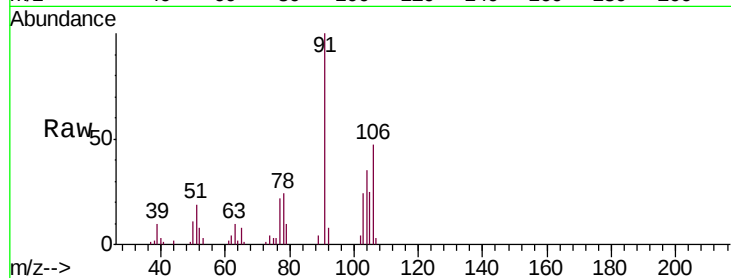




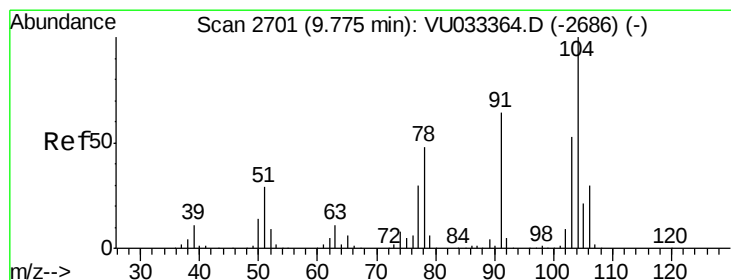
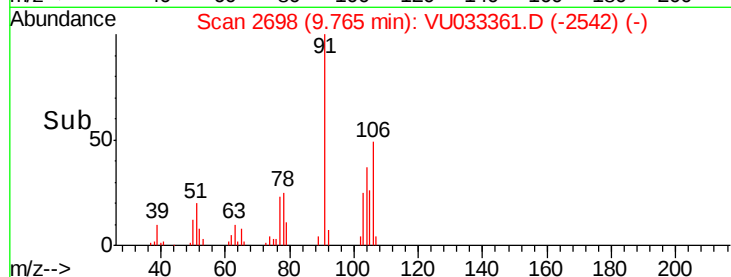
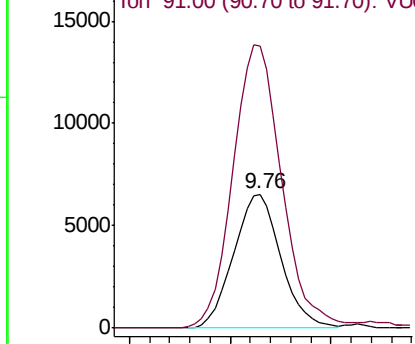
#65
o-Xylene
Concen: 0.957 ug/l
RT: 9.76 min Scan# 2698
Delta R.T. 0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 10723
Ion Ratio Lower Upper
106 100
91 218.6 108.5 325.3

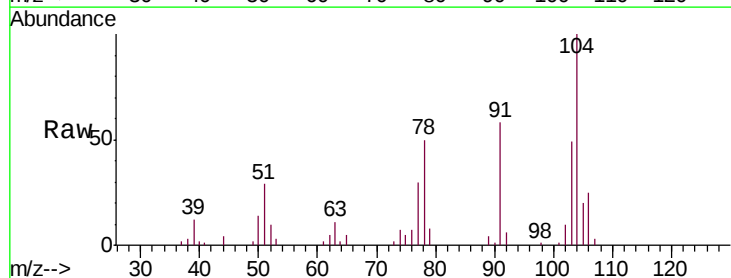


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

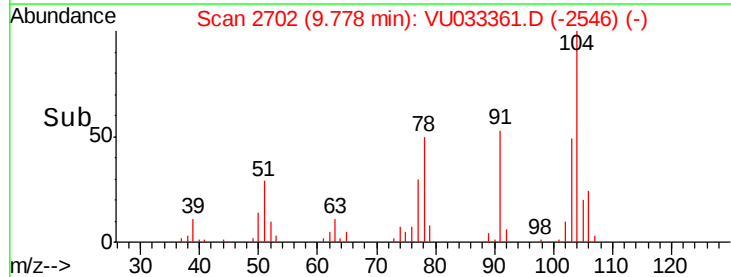
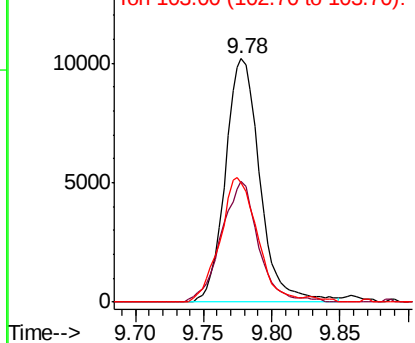


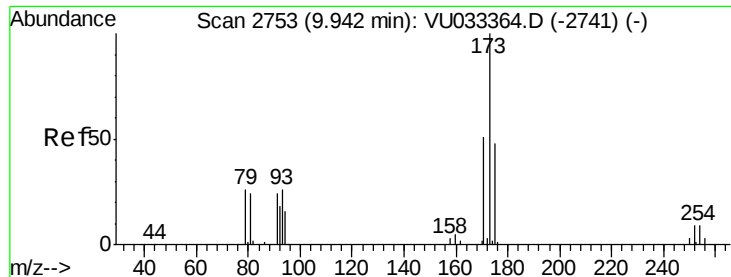
#66
Styrene
Concen: 0.965 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Tgt Ion:104 Resp: 17986
Ion Ratio Lower Upper
104 100
78 53.0 41.2 61.8
103 54.9 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 0.986 ug/l

RT: 9.94 min Scan# 2753

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

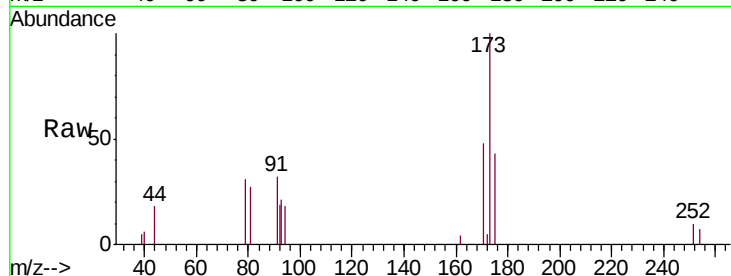
Tgt Ion:173 Resp: 3858

Ion Ratio Lower Upper

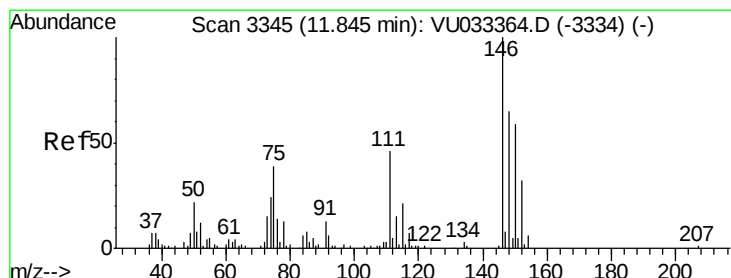
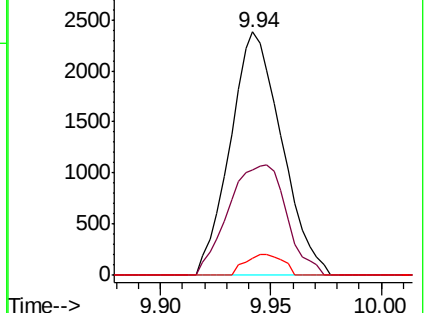
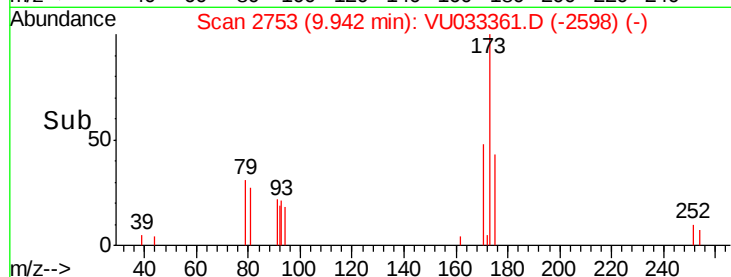
173 100

175 51.1 38.6 58.0

254 6.3 6.8 10.2#



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



#68

1,2-Dichlorobenzene-d4

Concen: 1.191 ug/l

RT: 11.85 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

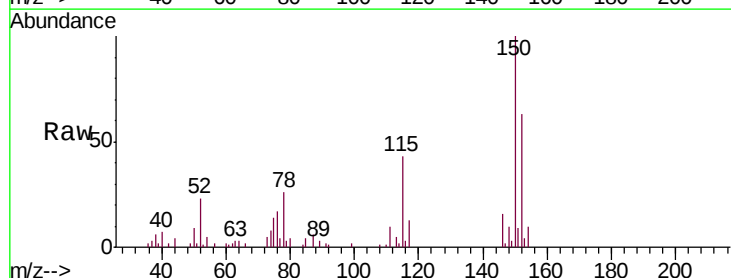
Tgt Ion:152 Resp: 10522

Ion Ratio Lower Upper

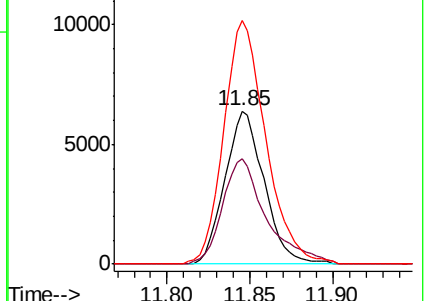
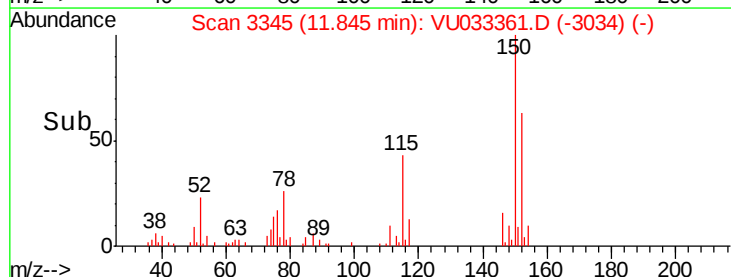
152 100

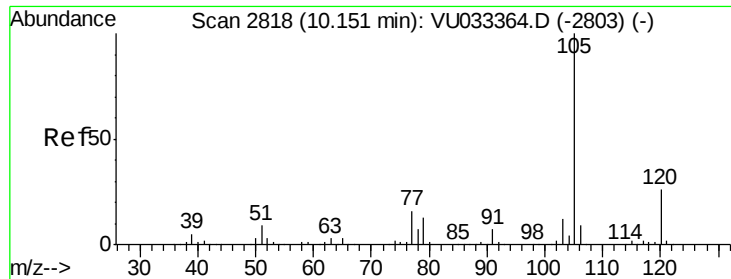
115 77.0 0.0 123.2

150 170.4 0.0 648.4



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





#69

Isopropylbenzene

Concen: 0.964 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

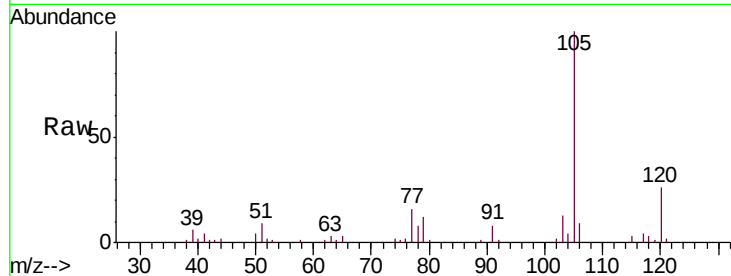
VSTDIC001

Tgt Ion: 105 Resp: 28158

Ion Ratio Lower Upper

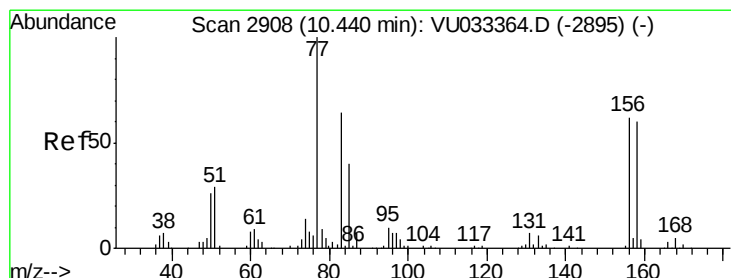
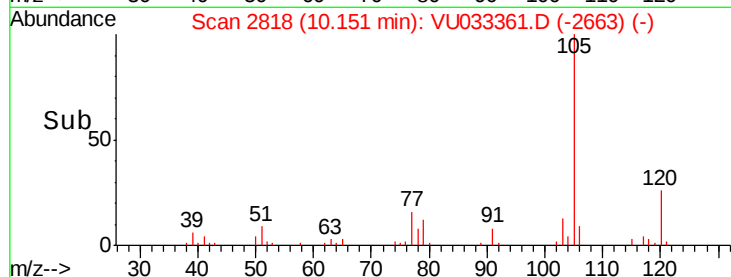
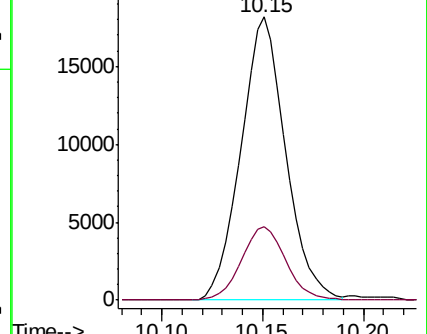
105 100

120 25.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 1.042 ug/l

RT: 10.44 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

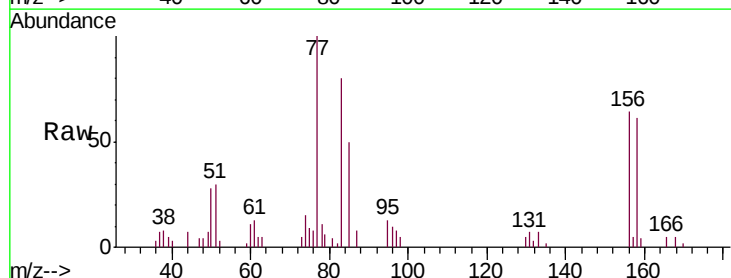
Tgt Ion: 83 Resp: 8325

Ion Ratio Lower Upper

83 100

131 8.9 8.0 12.0

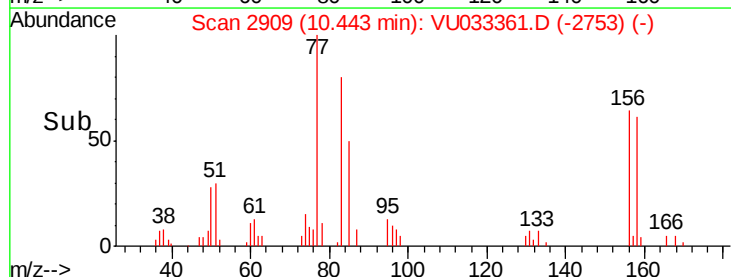
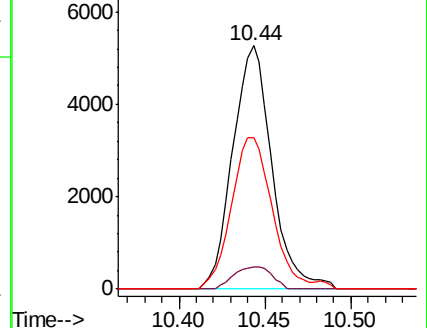
85 65.8 51.8 77.8

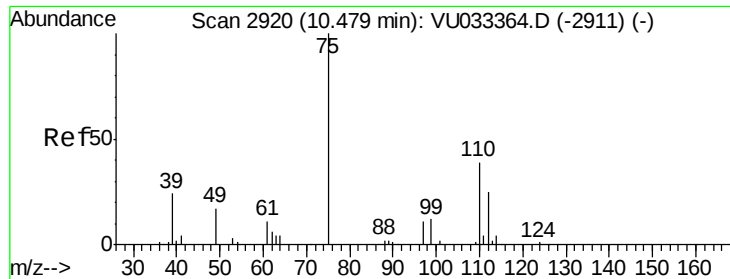


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





#71

1,2,3-Trichloropropane

Concen: 1.028 ug/l

RT: 10.48 min Scan# 2921

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 5999

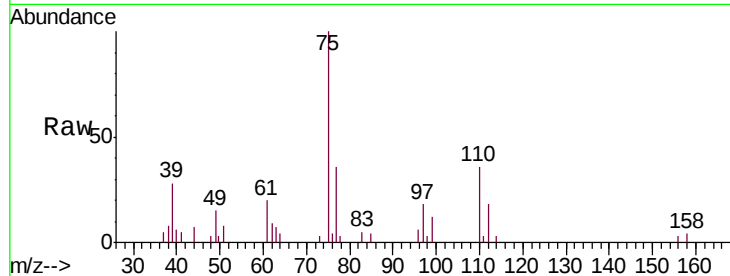
Ion Ratio Lower Upper

75 100

77 0.0 0.0 18.2

110 40.5 0.0 71.4

97 22.1 0.0 37.8

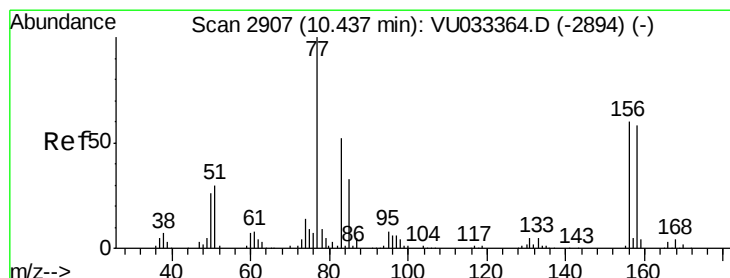
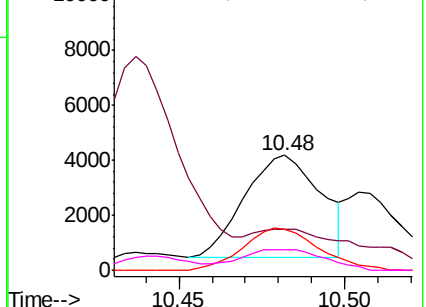
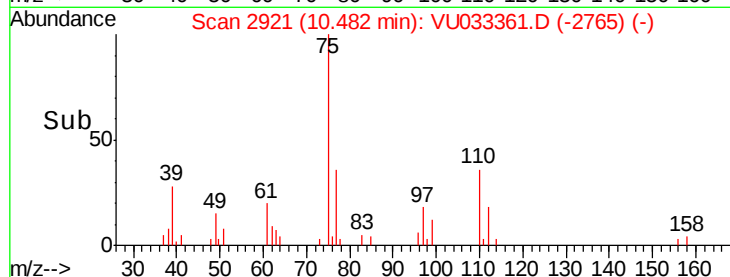


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 1.090 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

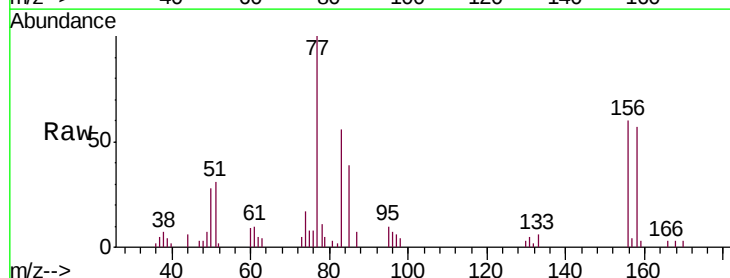
Tgt Ion: 156 Resp: 8125

Ion Ratio Lower Upper

156 100

77 166.4 0.0 324.4

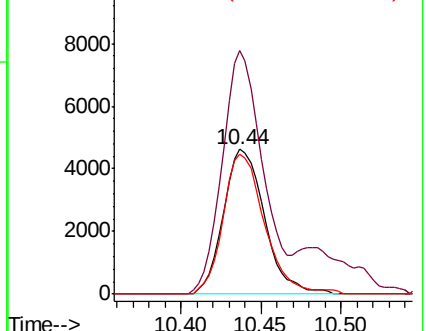
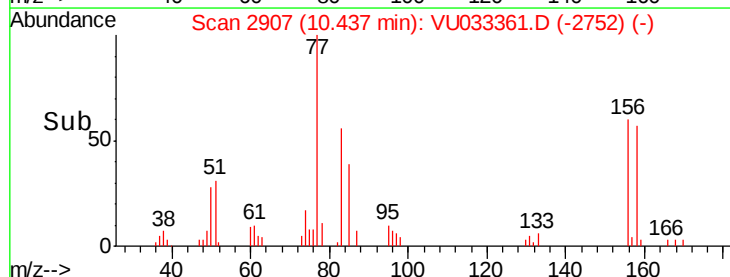
158 97.2 0.0 192.4

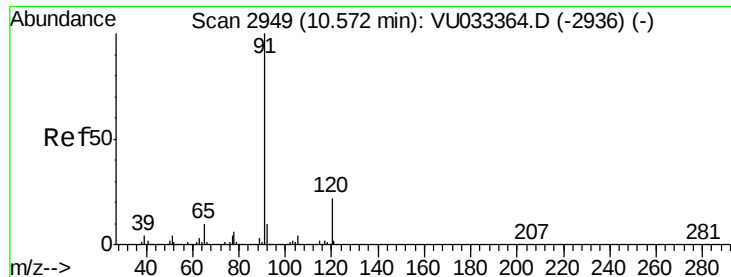


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 1.042 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

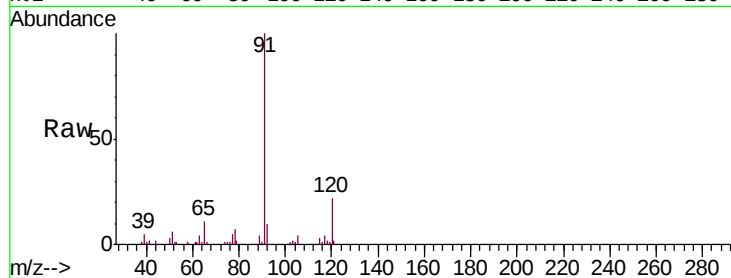
VSTDIC001

Tgt Ion:120 Resp: 7998

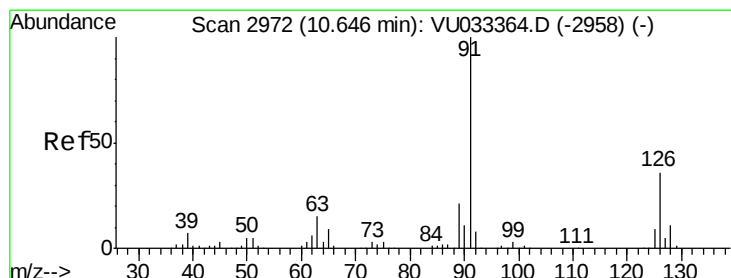
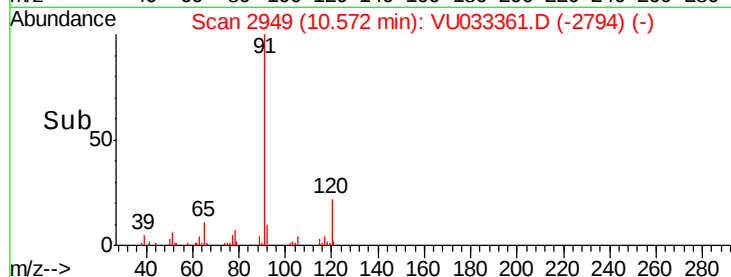
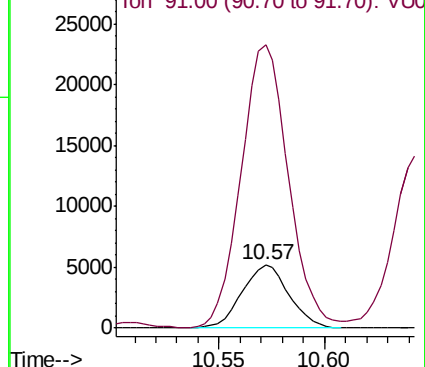
Ion Ratio Lower Upper

120 100

91 454.6 355.1 532.7



Abundance Ion 120.00 (119.70 to 120.70): V



#74

2-Chlorotoluene

Concen: 1.069 ug/l

RT: 10.65 min Scan# 2972

Delta R.T. -0.00 min

Lab File: VU033361.D

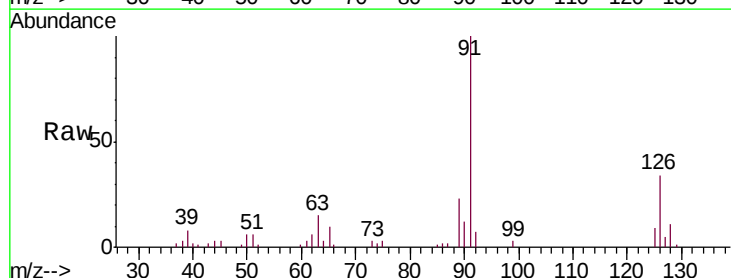
Acq: 22 Jul 2019 19:16

Tgt Ion:126 Resp: 7788

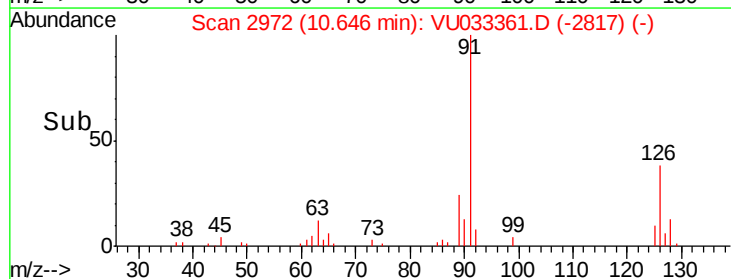
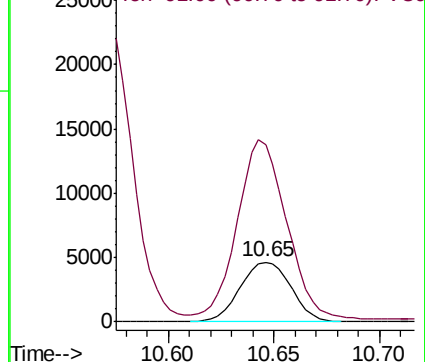
Ion Ratio Lower Upper

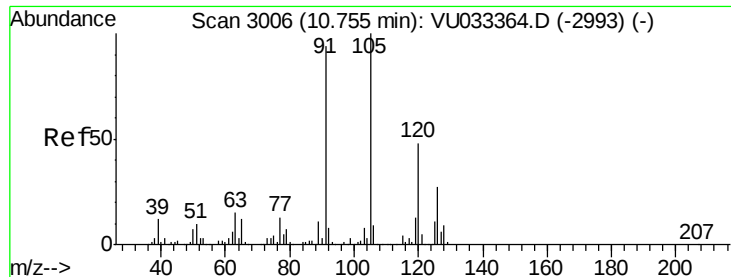
126 100

91 301.5 0.0 598.0



Abundance Ion 126.00 (125.70 to 126.70): V





#75

1,3,5-Trimethylbenzene

Concen: 0.978 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

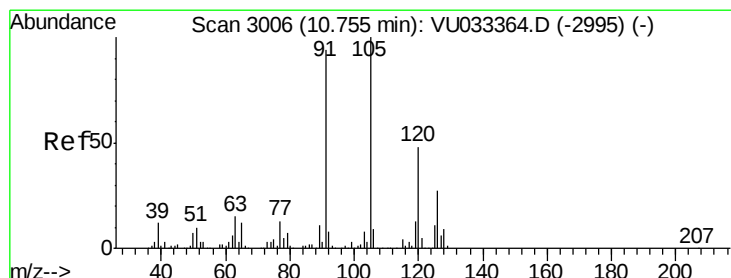
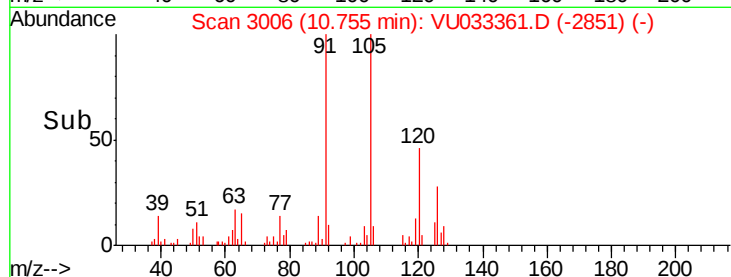
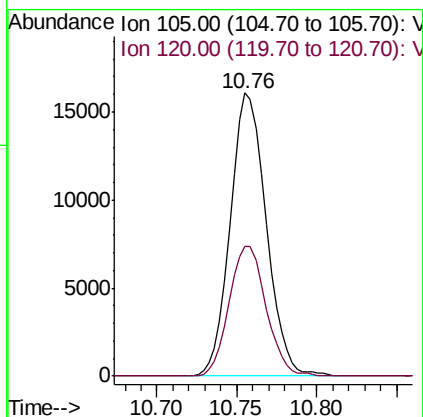
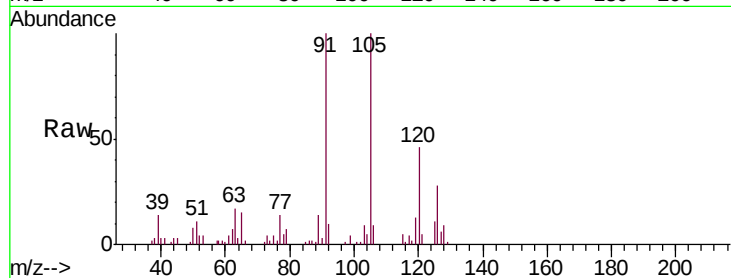
VSTDIC001

Tgt Ion:105 Resp: 24574

Ion Ratio Lower Upper

105 100

120 47.3 38.2 57.4



#76

4-Chlorotoluene

Concen: 1.064 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033361.D

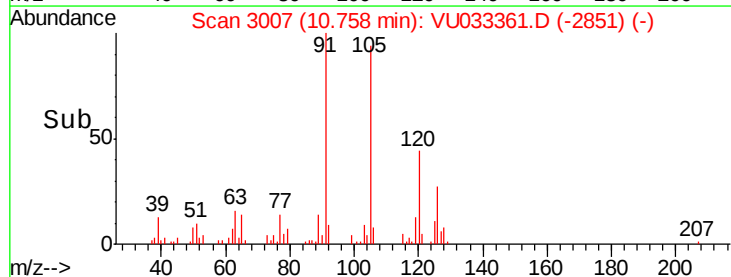
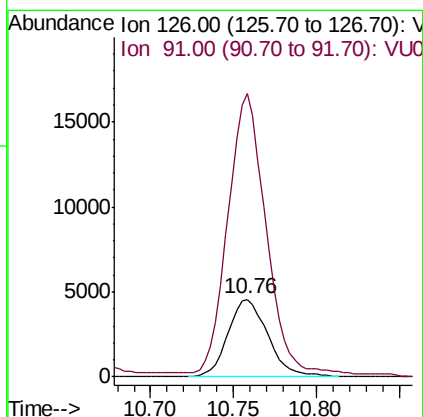
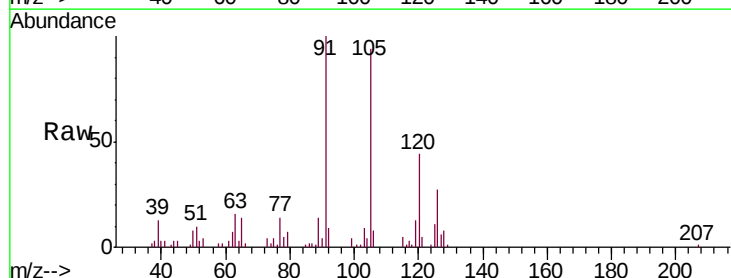
Acq: 22 Jul 2019 19:16

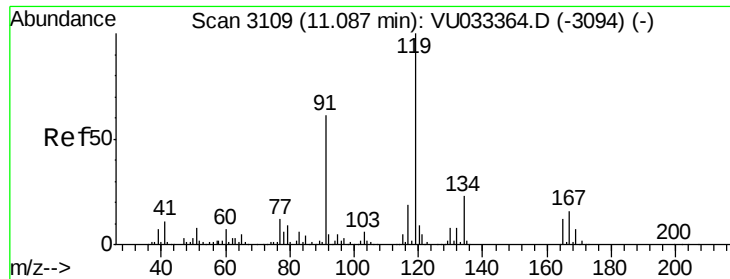
Tgt Ion:126 Resp: 7617

Ion Ratio Lower Upper

126 100

91 350.1 0.0 681.0





#77

tert-Butylbenzene

Concen: 1.044 ug/l

RT: 11.09 min Scan# 3109

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

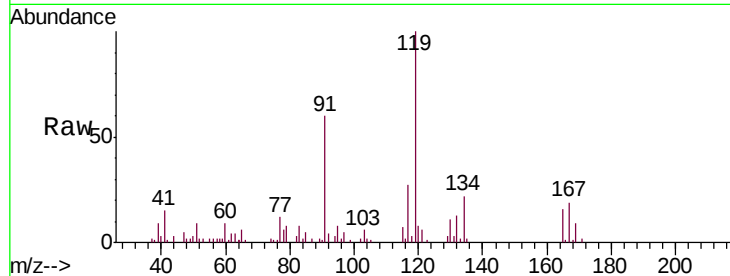
Tgt Ion:119 Resp: 24643

Ion Ratio Lower Upper

119 100

91 62.1 30.4 91.3

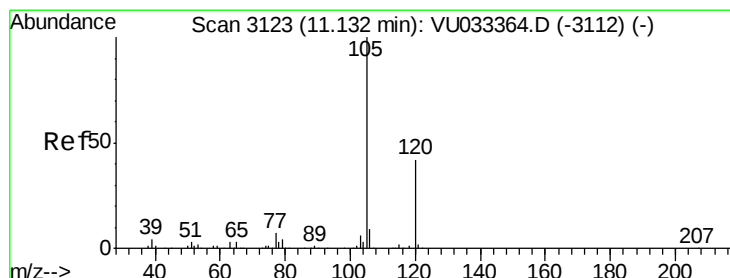
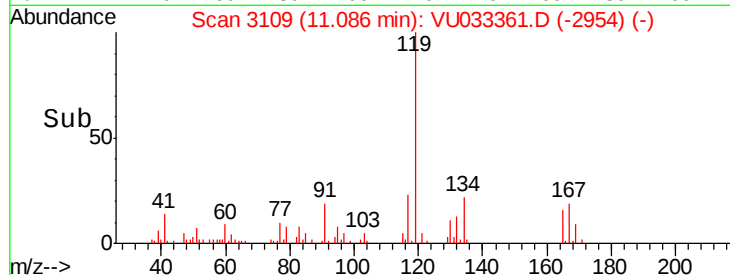
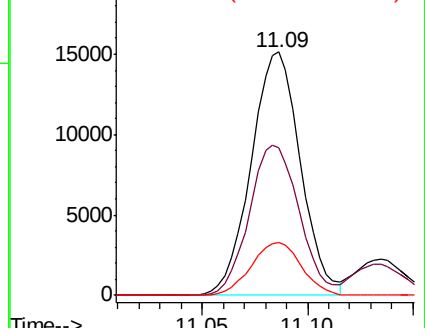
134 21.9 18.5 27.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 0.957 ug/l

RT: 11.13 min Scan# 3124

Delta R.T. 0.00 min

Lab File: VU033361.D

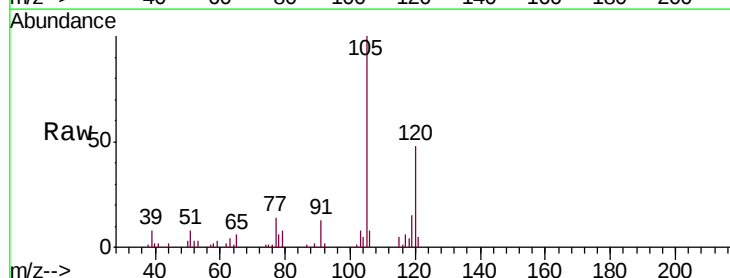
Acq: 22 Jul 2019 19:16

Tgt Ion:105 Resp: 24366

Ion Ratio Lower Upper

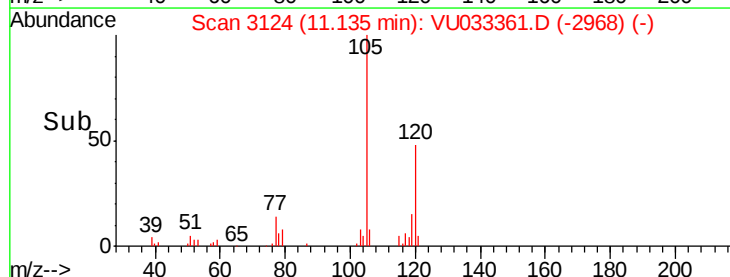
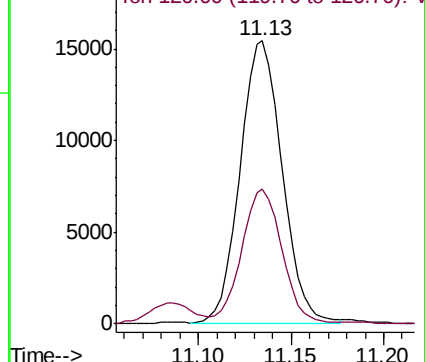
105 100

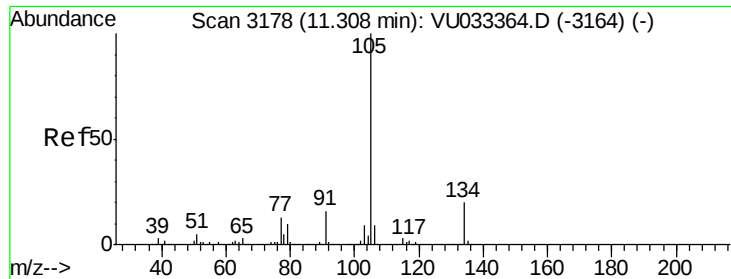
120 44.5 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.011 ug/l

RT: 11.31 min Scan# 3178

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

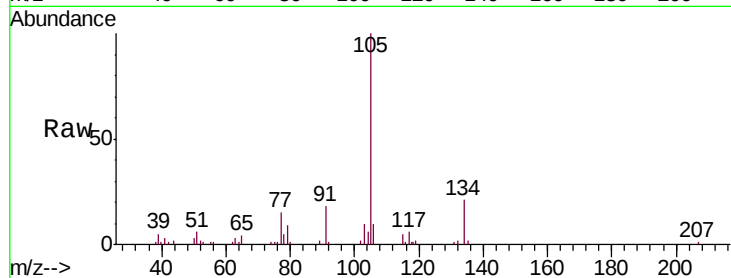
VSTDIC001

Tgt Ion:105 Resp: 32580

Ion Ratio Lower Upper

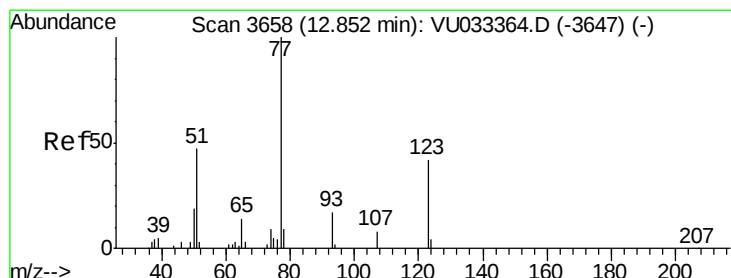
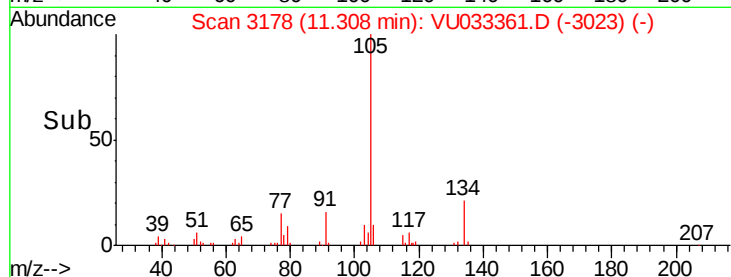
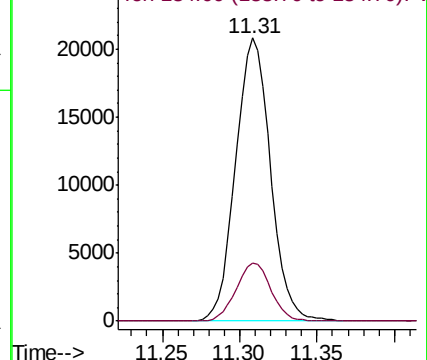
105 100

134 20.5 15.5 23.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 3.948 ug/l

RT: 12.87 min Scan# 3663

Delta R.T. 0.02 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

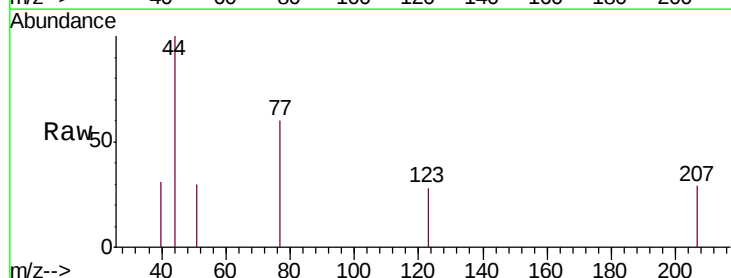
Tgt Ion: 77 Resp: 785

Ion Ratio Lower Upper

77 100

123 19.9 19.3 68.3

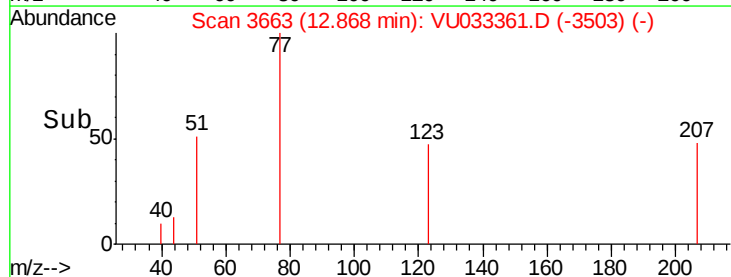
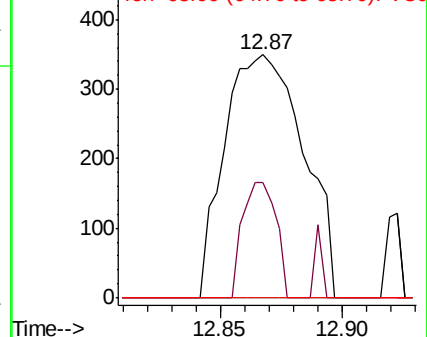
65 0.0 10.1 12.9#

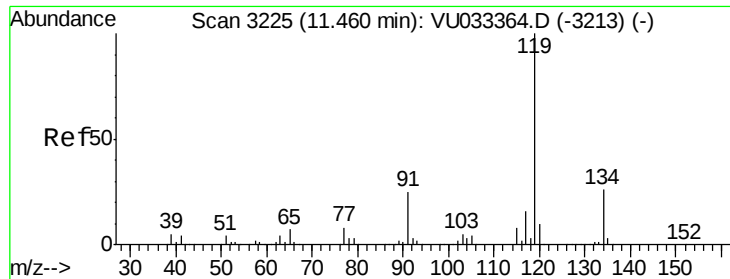


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

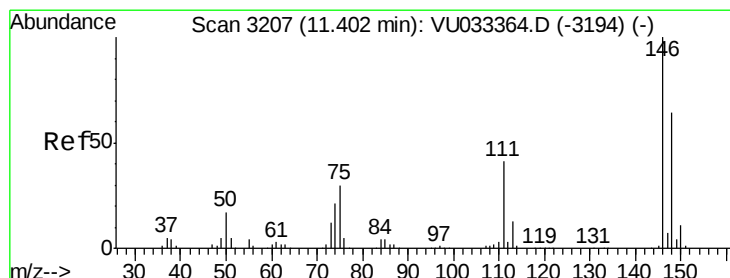
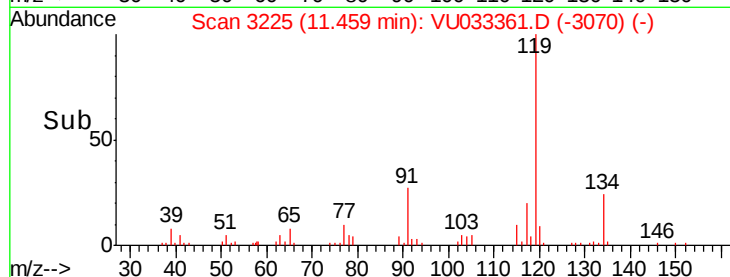
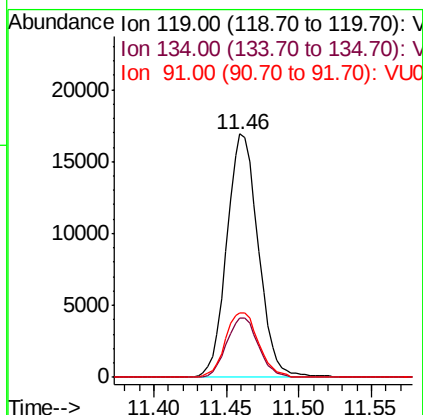
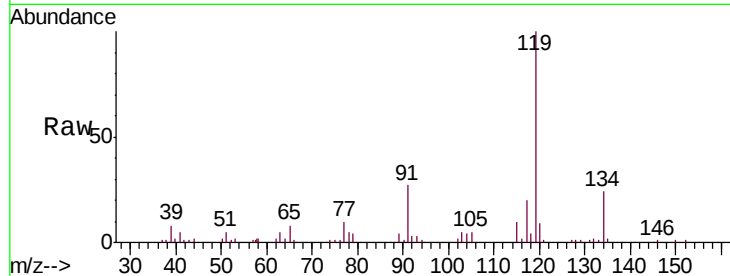




#81
p-Isopropyltoluene
Concen: 1.003 ug/l
RT: 11.46 min Scan# 3225
Delta R.T. -0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

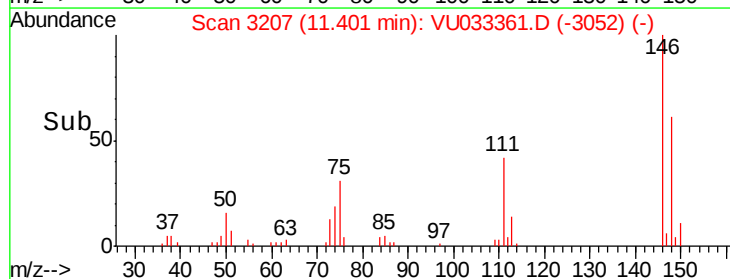
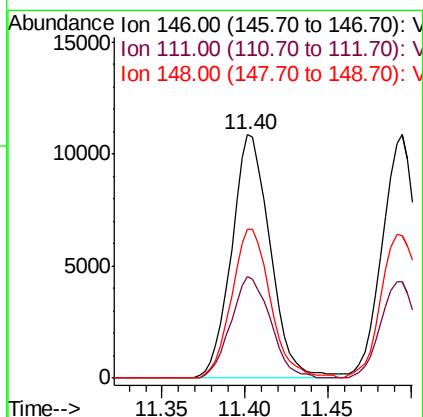
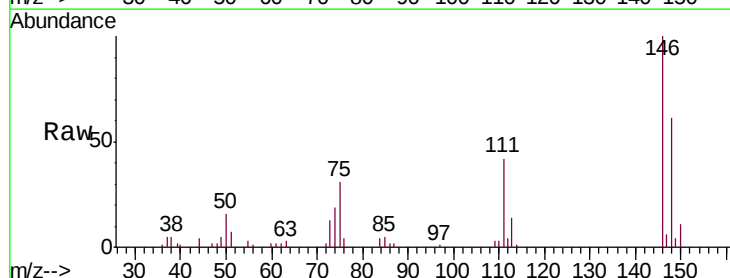
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

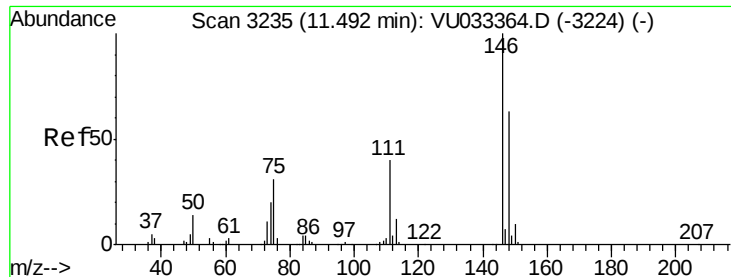
Tgt Ion:119 Resp: 25554
Ion Ratio Lower Upper
119 100
134 24.5 21.0 31.4
91 27.9 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 1.178 ug/l
RT: 11.40 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU033361.D
Acq: 22 Jul 2019 19:16

Tgt Ion:146 Resp: 17580
Ion Ratio Lower Upper
146 100
111 42.6 33.3 49.9
148 61.6 50.8 76.2

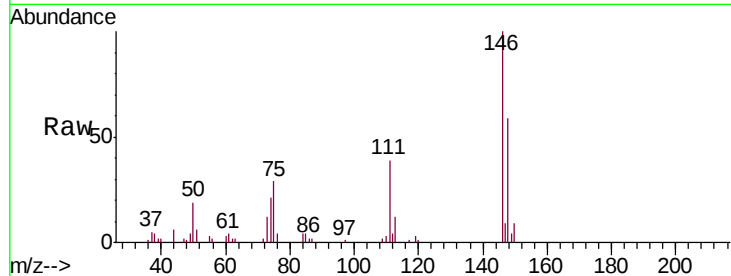




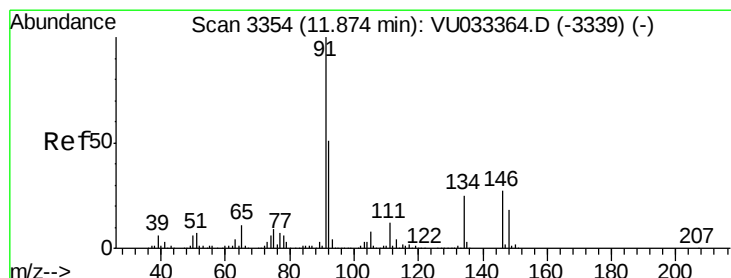
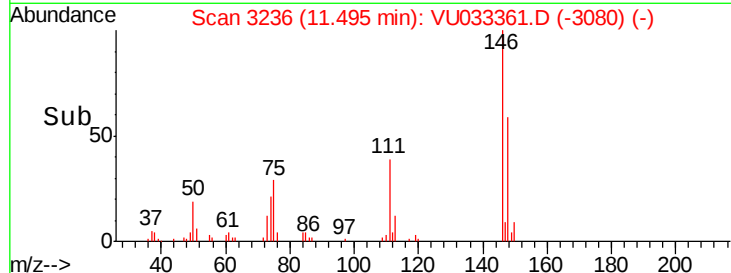
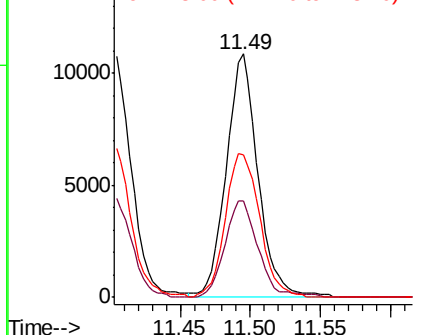
#83
 1,4-Dichlorobenzene
 Concen: 1.190 ug/l
 RT: 11.49 min Scan# 3236
 Delta R.T. 0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:146 Resp: 17132
 Ion Ratio Lower Upper
 146 100
 111 41.3 32.2 48.4
 148 63.8 51.0 76.4

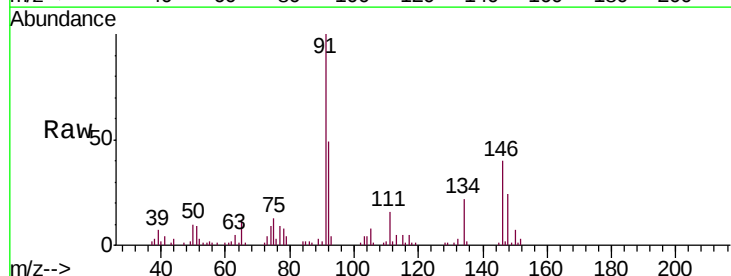


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

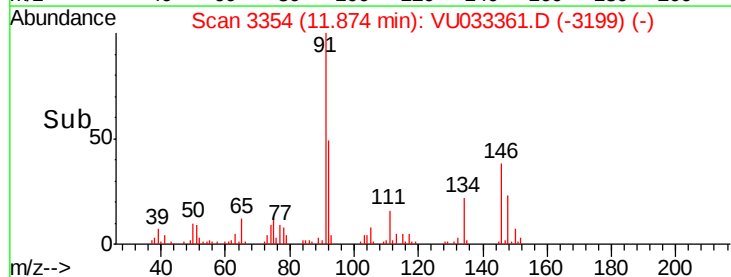
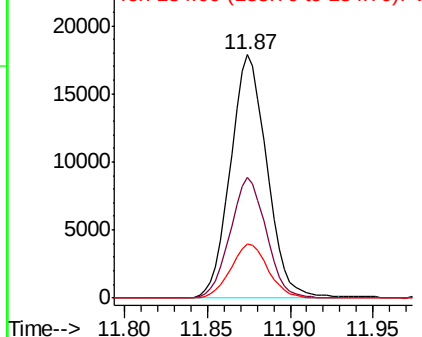


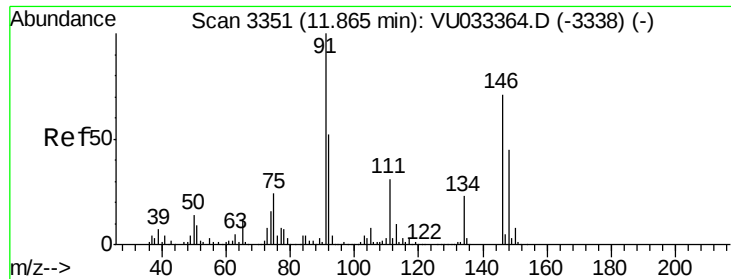
#84
 n-Butylbenzene
 Concen: 1.111 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

Tgt Ion: 91 Resp: 27392
 Ion Ratio Lower Upper
 91 100
 92 48.6 41.0 61.6
 134 22.6 19.5 29.3



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

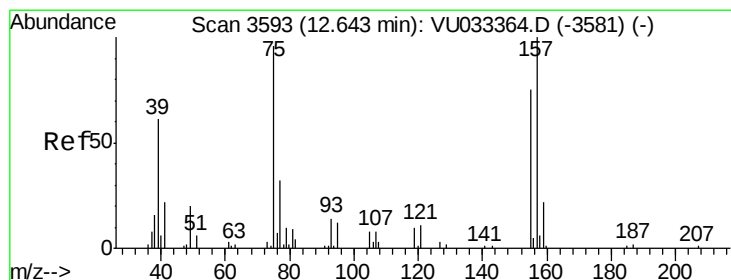
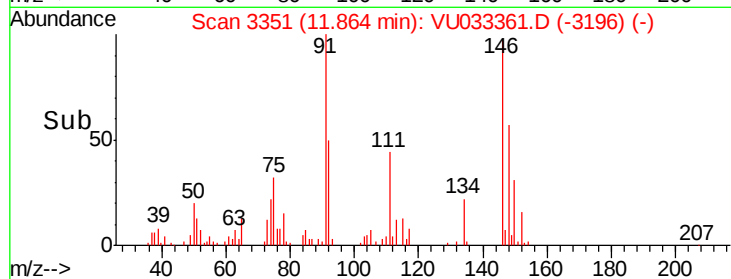
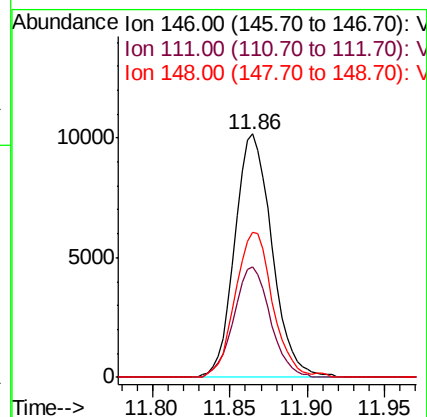
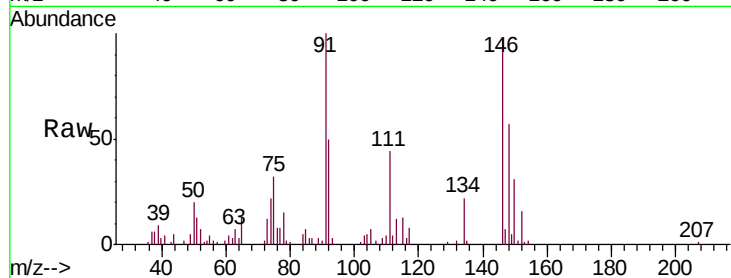




#85
 1,2-Dichlorobenzene
 Concen: 1.192 ug/l
 RT: 11.86 min Scan# 3351
 Delta R.T. -0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

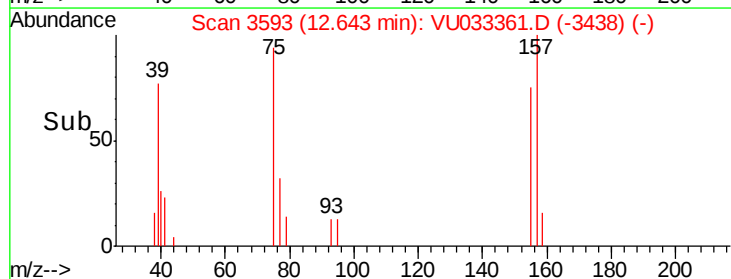
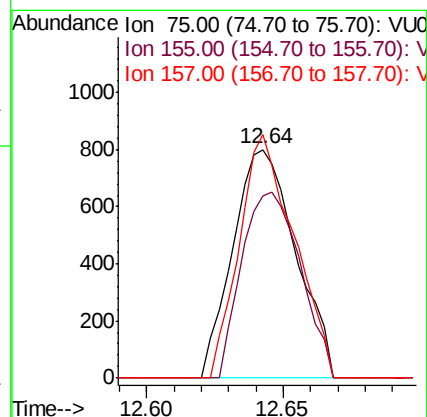
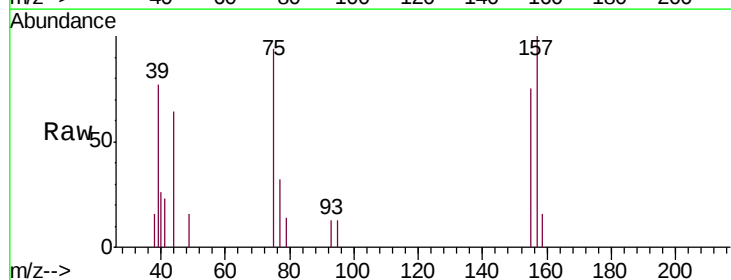
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

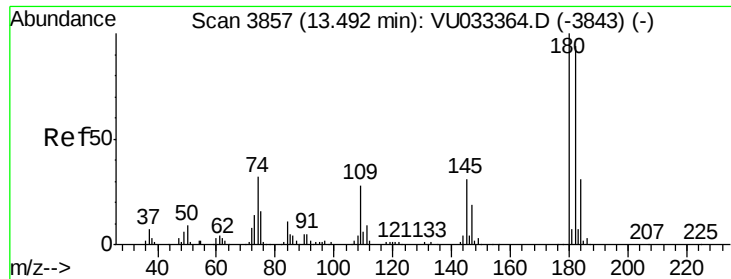
Tgt Ion: 146 Resp: 16953
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.7 65.1
 148 60.2 32.0 96.0



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.098 ug/l
 RT: 12.64 min Scan# 3593
 Delta R.T. -0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

Tgt Ion: 75 Resp: 1278
 Ion Ratio Lower Upper
 75 100
 155 76.0 63.3 94.9
 157 93.3 82.5 123.7

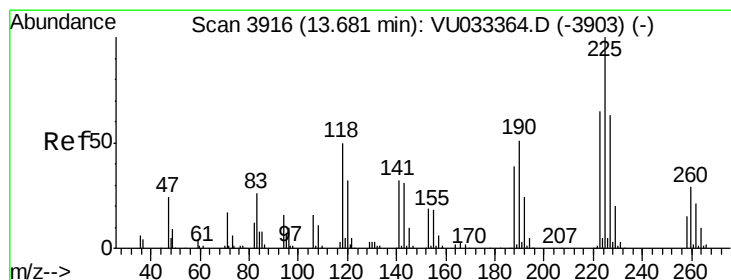
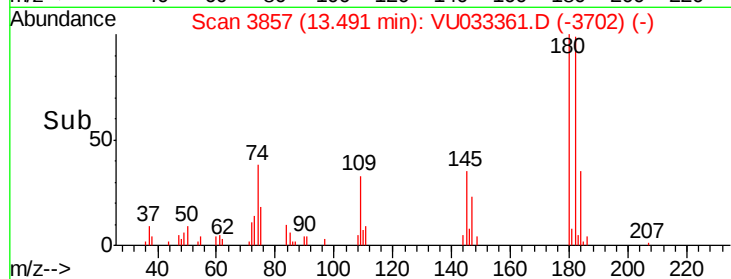
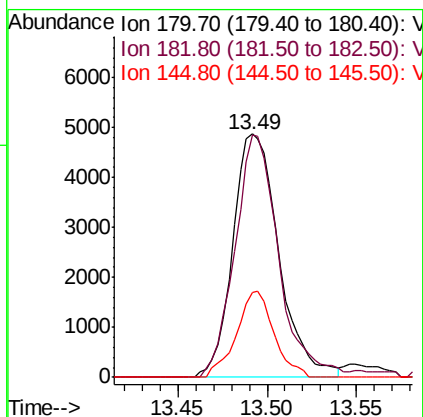
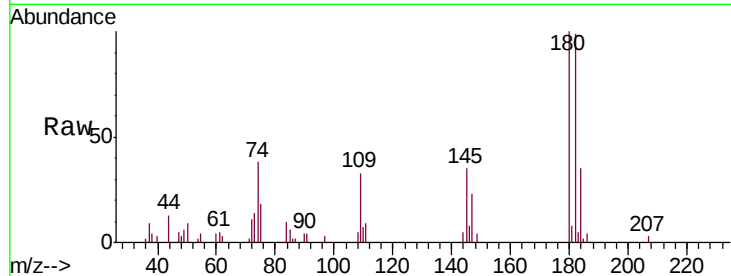




#87
 1,2,4-Trichlorobenzene
 Concen: 1.185 ug/l
 RT: 13.49 min Scan# 3857
 Delta R.T. -0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

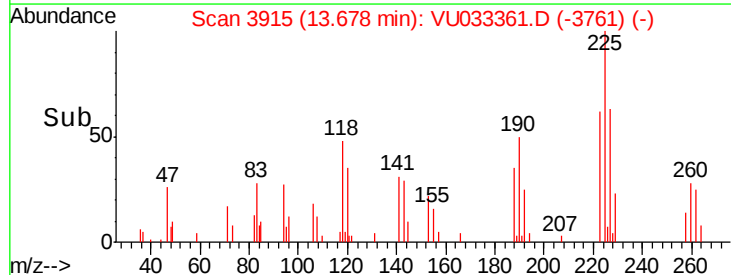
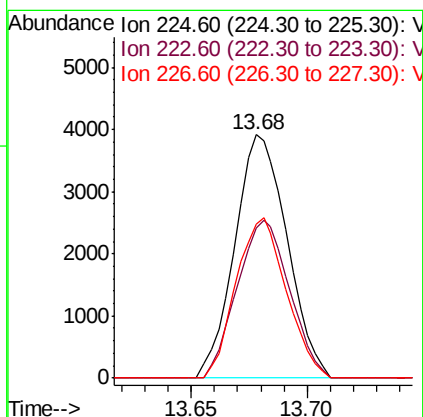
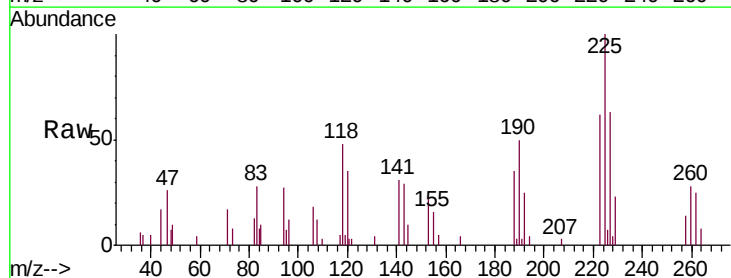
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

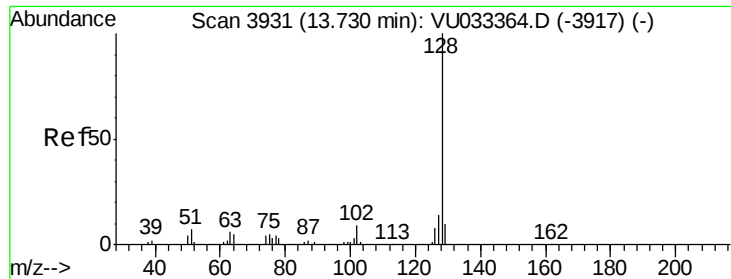
Tgt Ion:180 Resp: 8741
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.2 114.4
 145 28.8 25.0 37.4



#88
 Hexachlorobutadiene
 Concen: 1.187 ug/l
 RT: 13.68 min Scan# 3915
 Delta R.T. -0.00 min
 Lab File: VU033361.D
 Acq: 22 Jul 2019 19:16

Tgt Ion:225 Resp: 6147
 Ion Ratio Lower Upper
 225 100
 223 64.7 52.2 78.4
 227 63.2 51.7 77.5





#89

Naphthalene

Concen: 1.033 ug/l

RT: 13.73 min Scan# 3932

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

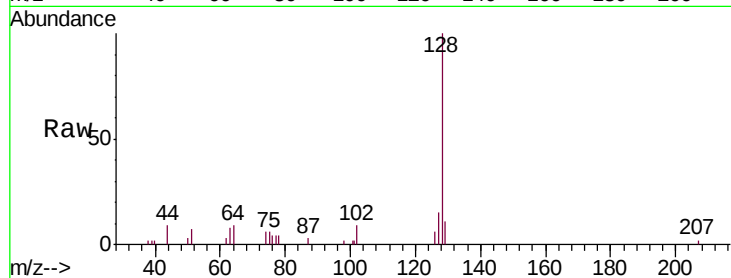
Tgt Ion:128 Resp: 13356

Ion Ratio Lower Upper

128 100

127 14.7 10.8 16.2

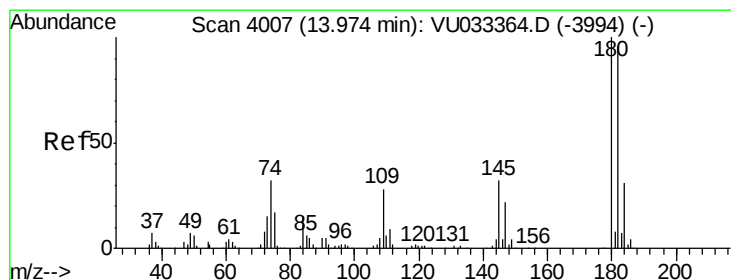
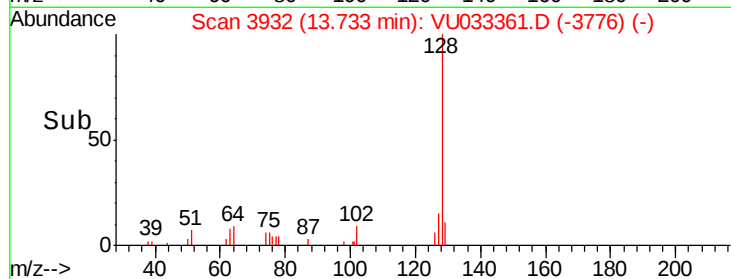
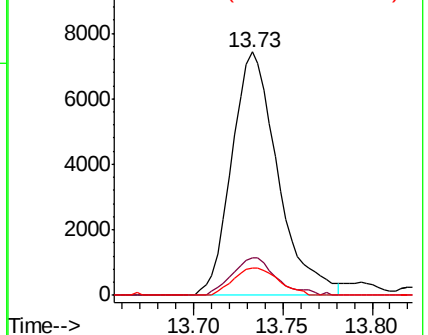
129 11.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.166 ug/l

RT: 13.98 min Scan# 4008

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

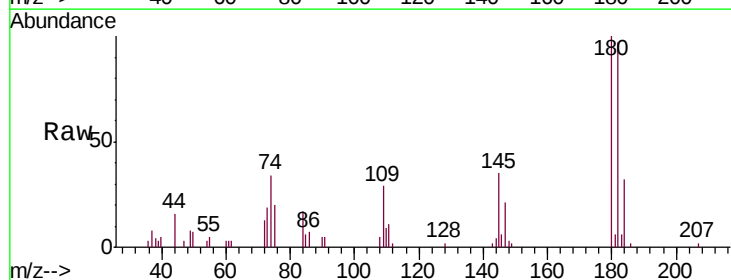
Tgt Ion:180 Resp: 8747

Ion Ratio Lower Upper

180 100

182 93.5 77.9 116.9

145 33.2 25.8 38.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

