

Data File : VU033364.D
Acq On : 22 Jul 2019 21:00
Operator : JC/SP
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Quant Time: Jul 23 01:51:11 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	33540	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.29	95	13967	1.17	ug/l	0.00
Spiked Amount 1.000			Recovery	=	117.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	13574	1.20	ug/l	0.00
Spiked Amount 1.000			Recovery	=	120.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	131429	8.782	ug/l 100
3) Chloromethane	1.32	50	142066	8.038	ug/l 100
4) Vinyl Chloride	1.39	62	160386	9.325	ug/l 100
5) Bromomethane	1.62	94	97391	11.158	ug/l 100
6) Chloroethane	1.69	64	121446	12.022	ug/l 100
7) Trichlorofluoromethane	1.87	101	219337	10.845	ug/l 100
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	111038	11.087	ug/l 100
9) 1,1-Dichloroethene	2.27	96	110719	11.119	ug/l 100
10) Iodomethane	2.40	142	160030	14.054	ug/l 100
11) Allyl Chloride	2.57	41	184081	8.847	ug/l 100
12) Acrylonitrile	2.93	53	59698	20.061	ug/l 100
13) Acetone	2.33	43	123478	46.096	ug/l 100
14) Carbon Disulfide	2.46	76	417047	10.948	ug/l 100
15) Methylene Chloride	2.68	84	134566	10.641	ug/l 100
16) trans-1,2-Dichloroethene	2.96	96	128326	11.465	ug/l 100
17) 1,1-Dichloroethane	3.42	63	174146	7.982	ug/l 100
18) 2-Butanone	4.26	43	138166	41.424	ug/l 100
19) Cyclohexane	4.96	56	124766	7.511	ug/l 87
20) Methylcyclohexane	6.39	83	150063	10.900	ug/l 100
21) 2,2-Dichloropropane	4.20	77	141224	8.731	ug/l 100
22) cis-1,2-Dichloroethene	4.20	96	103953	9.147	ug/l 100
23) Diethyl Ether	2.09	59	98446	10.490	ug/l 100
24) tert-Butyl Alcohol	2.87	59	128096	125.617	ug/l 100
25) Methyl tert-Butyl Ether	2.98	73	327639	11.334	ug/l 100
26) Bromochloromethane	4.52	128	44873	9.296	ug/l 100
27) Chloroform	4.65	83	186518	9.054	ug/l 100
28) 1,1,1-Trichloroethane	4.89	97	159775	9.173	ug/l 100
29) 1,1-Dichloropropene	5.11	75	138246	9.884	ug/l 100
30) Carbon Tetrachloride	5.11	117	140729	9.438	ug/l 100
31) Isopropyl Ether	3.56	45	233884	7.330	ug/l 100
32) Ethyl-t-butyl ether	4.05	59	230462	8.728	ug/l 100
33) Tert-Amyl methyl ether	5.56	73	221595	10.335	ug/l 100
34) Propionitrile	4.33	54	42100	46.319	ug/l 100
35) Benzene	5.36	78	395484	9.261	ug/l 100
36) 1,2-Dichloroethane	5.38	62	128134	9.143	ug/l 100
37) Trichloroethene	6.16	130	102999	9.705	ug/l 100
38) 1,2-Dichloropropane	6.41	63	107217	8.910	ug/l 100
39) Methacrylonitrile	4.53	41	31594	8.495	ug/l 100
40) Methyl acrylate	4.41	55	51503	10.437	ug/l 100
41) Tetrahydrofuran	4.64	42	33345	16.236	ug/l 100
42) 1-Chlorobutane	5.04	56	187440	8.971	ug/l 100

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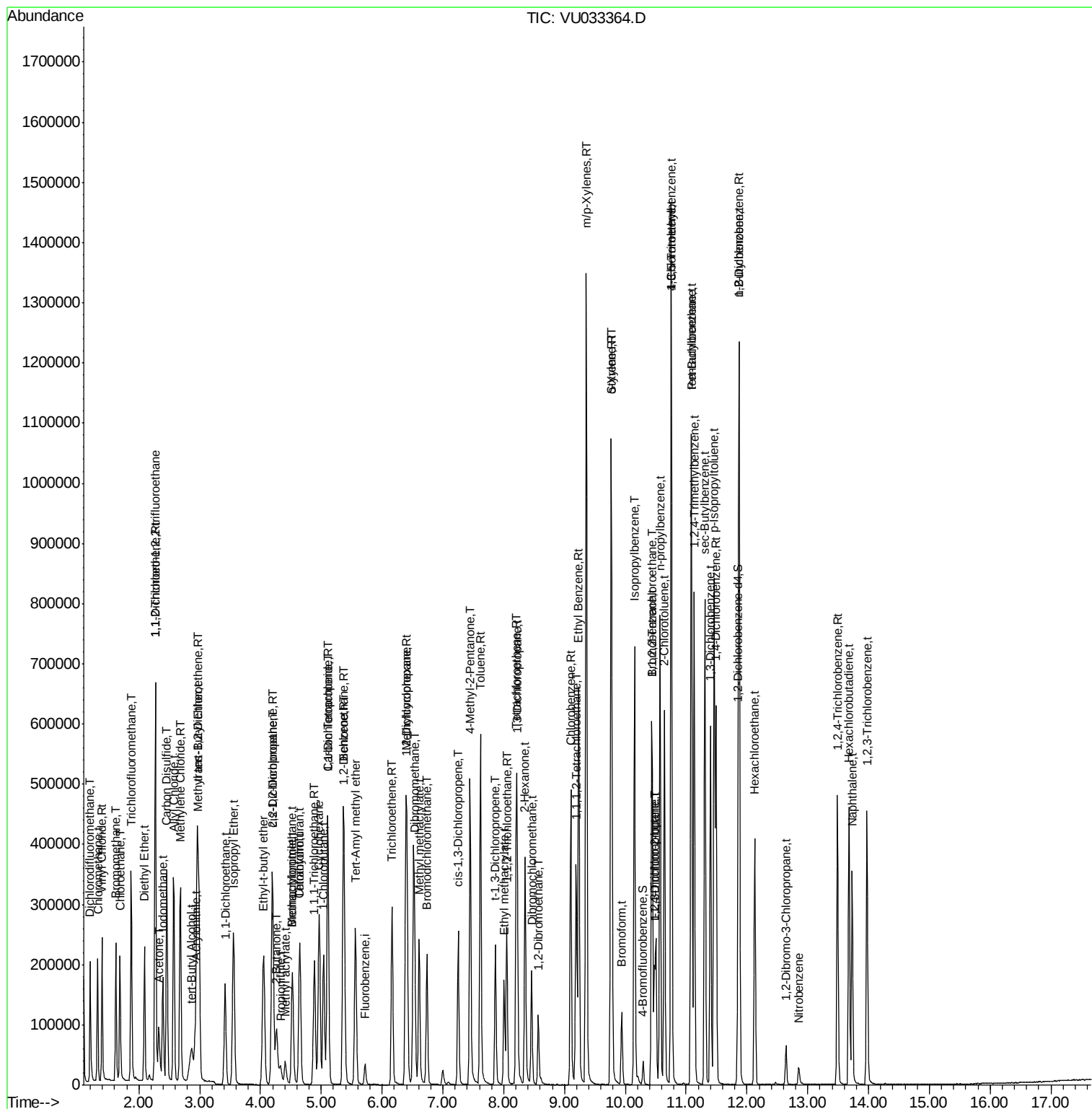
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	59249	9.797	ug/l	100
44) Bromodichloromethane	6.74	83	140414	9.425	ug/l	100
45) 4-Methyl-2-Pentanone	7.45	43	336571	47.876	ug/l	100
46) t-1,4-Dichloro-2-butene	10.48	75	65385	28.716	ug/l	89
47) Methyl methacrylate	6.61	69	102630	22.206	ug/l	100
48) Ethyl methacrylate	8.00	69	90892	11.297	ug/l	100
49) Toluene	7.62	92	245266	10.888	ug/l	100
50) t-1,3-Dichloropropene	7.86	75	127015	10.760	ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	145039	10.172	ug/l	100
52) 1,1,2-Trichloroethane	8.05	97	79711	10.048	ug/l	100
53) 1,3-Dichloropropane	8.22	76	136093	9.904	ug/l	100
54) 2-Hexanone	8.35	43	239271	50.239	ug/l	100
55) Dibromochloromethane	8.46	129	95429	10.632	ug/l	100
56) 1,2-Dibromoethane	8.57	107	75455	10.605	ug/l	100
58) Tetrachloroethene	8.21	164	94498	9.287	ug/l	100
59) Chlorobenzene	9.10	112	268098	11.172	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.19	131	95606	10.282	ug/l	100
61) Pentachloroethane	11.09	117	77475	11.399	ug/l	100
62) Hexachloroethane	12.13	117	77520	11.674	ug/l	100
63) Ethyl Benzene	9.23	91	464963	11.904	ug/l	100
64) m/p-Xylenes	9.36	106	372116	25.237	ug/l	100
65) o-Xylene	9.76	106	176520	12.287	ug/l	100
66) Styrene	9.77	104	312722	13.096	ug/l	100
67) Bromoform	9.94	173	52890	10.548	ug/l	100
69) Isopropylbenzene	10.15	105	455901	12.178	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.44	83	105060	10.254	ug/l	100
71) 1,2,3-Trichloropropane	10.48	75	65385	8.742	ug/l	90
72) Bromobenzene	10.44	156	113146	11.841	ug/l	100
73) n-propylbenzene	10.57	120	132784	13.495	ug/l	100
74) 2-Chlorotoluene	10.65	126	116863	12.517	ug/l	100
75) 1,3,5-Trimethylbenzene	10.76	105	422819	13.133	ug/l	100
76) 4-Chlorotoluene	10.76	126	122072	13.297	ug/l	100
77) tert-Butylbenzene	11.09	119	380398	12.572	ug/l	100
78) 1,2,4-Trimethylbenzene	11.13	105	435239	13.335	ug/l	100
79) sec-Butylbenzene	11.31	105	536797	12.996	ug/l	100
80) Nitrobenzene	12.85	77	17070	66.971	ug/l	100
81) p-Isopropyltoluene	11.46	119	449172	13.754	ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	235110	12.292	ug/l	100
83) 1,4-Dichlorobenzene	11.49	146	238162	12.909	ug/l	100
84) n-Butylbenzene	11.87	91	446727	14.133	ug/l	100
85) 1,2-Dichlorobenzene	11.86	146	220073	12.073	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.64	75	17227	11.549	ug/l	100
87) 1,2,4-Trichlorobenzene	13.49	180	142061	15.028	ug/l	100
88) Hexachlorobutadiene	13.68	225	77119	11.613	ug/l	100
89) Naphthalene	13.73	128	280105	16.894	ug/l	100
90) 1,2,3-Trichlorobenzene	13.97	180	137161	14.262	ug/l	100

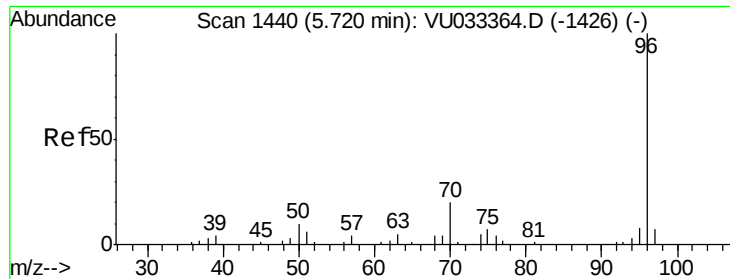
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 96 Resp: 33540

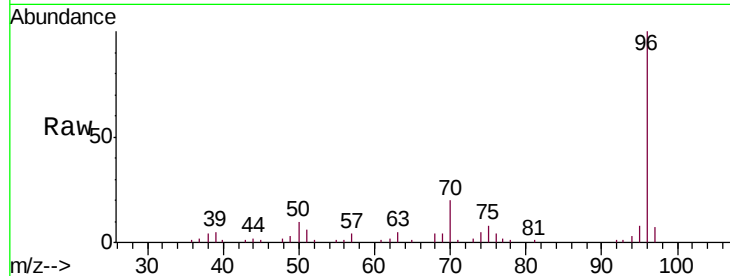
Ion Ratio Lower Upper

96 100

70 20.5 16.4 24.6

95 8.4 6.7 10.1

97 0.0 0.0 0.0

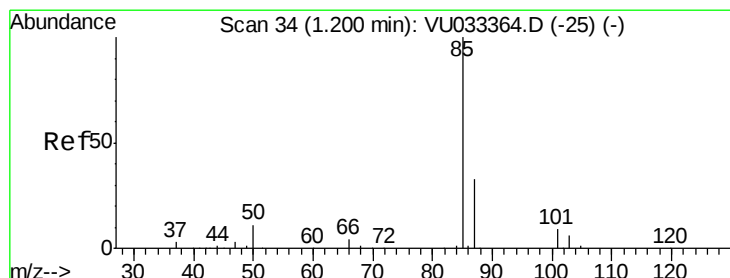
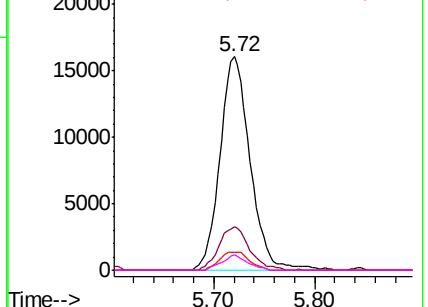
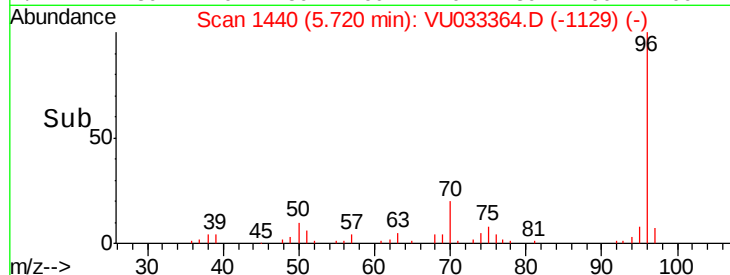


Abundance Ion 96.00 (95.70 to 96.70): VU033364.D (-1426) (-)

Ion 70.00 (69.70 to 70.70): VU033364.D (-1426) (-)

Ion 95.00 (94.70 to 95.70): VU033364.D (-1426) (-)

Ion 97.00 (96.70 to 97.70): VU033364.D (-1426) (-)



#2

Dichlorodifluoromethane

Concen: 8.782 ug/l

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU033364.D

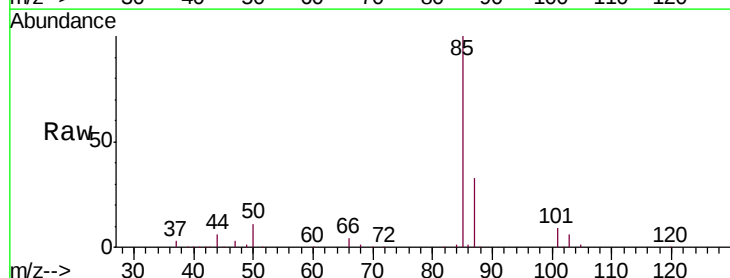
Acq: 22 Jul 2019 21:00

Tgt Ion: 85 Resp: 131429

Ion Ratio Lower Upper

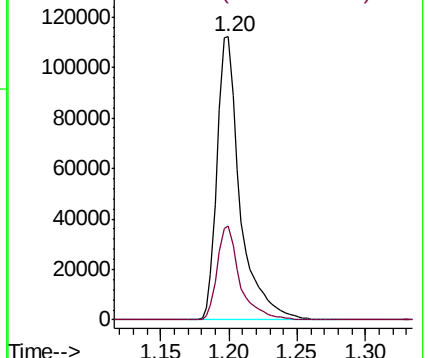
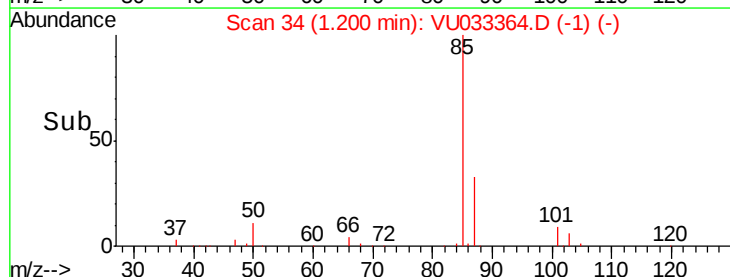
85 100

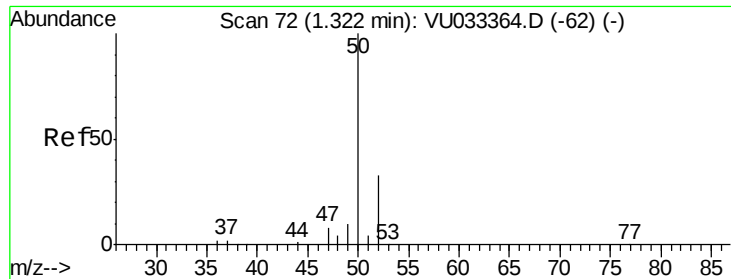
87 33.1 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VU033364.D (-25) (-)

Ion 87.00 (86.70 to 87.70): VU033364.D (-25) (-)





#3

Chloromethane

Concen: 8.038 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

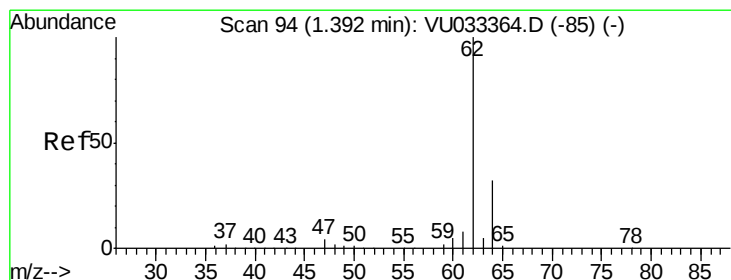
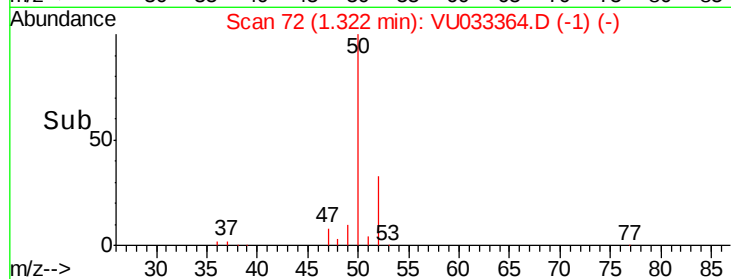
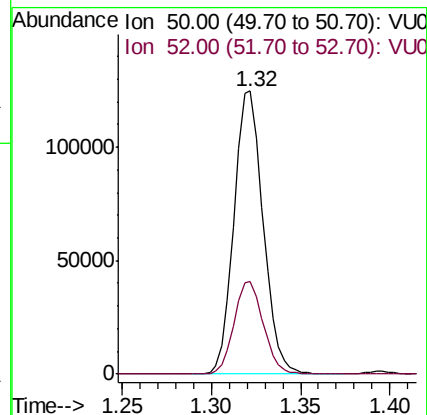
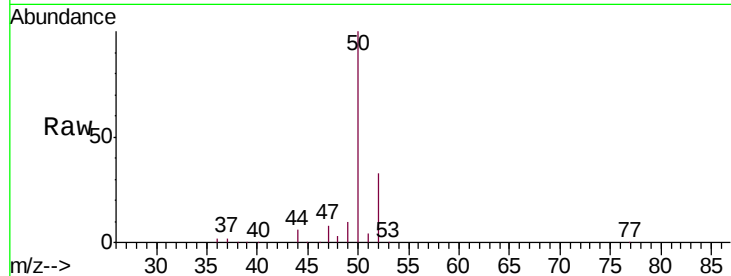
VSTDICCC010

Tgt Ion: 50 Resp: 142066

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



#4

Vinyl Chloride

Concen: 9.325 ug/l

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033364.D

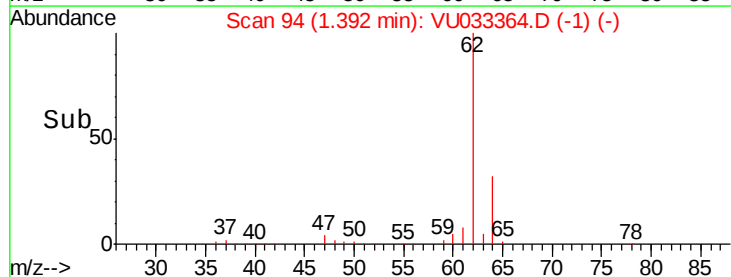
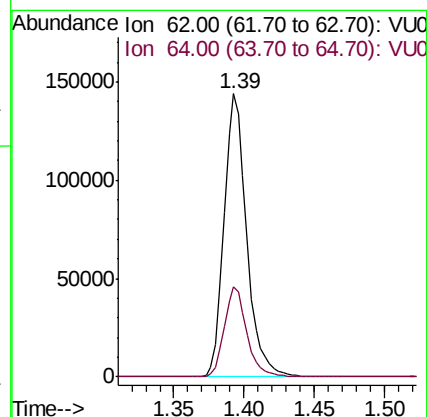
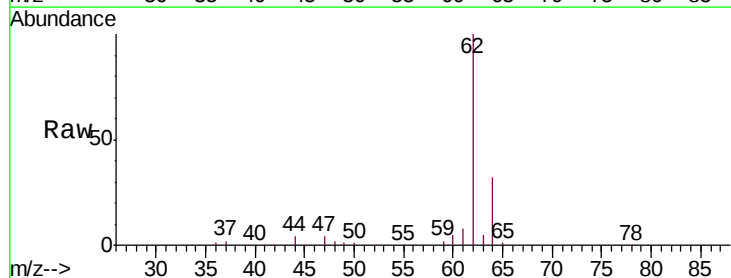
Acq: 22 Jul 2019 21:00

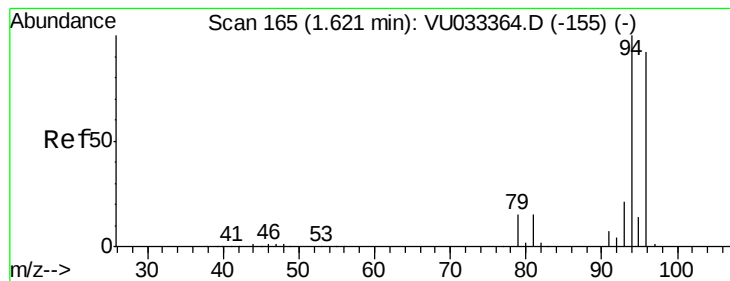
Tgt Ion: 62 Resp: 160386

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 11.158 ug/l

RT: 1.62 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

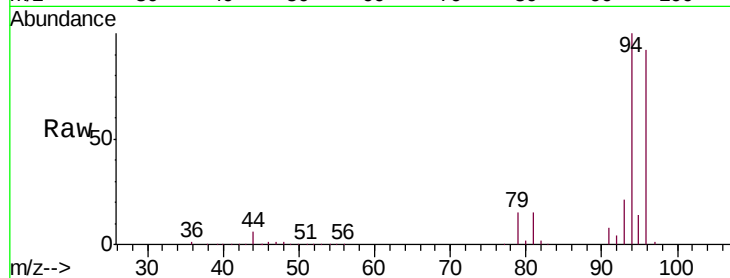
VSTDICCC010

Tgt Ion: 94 Resp: 97391

Ion Ratio Lower Upper

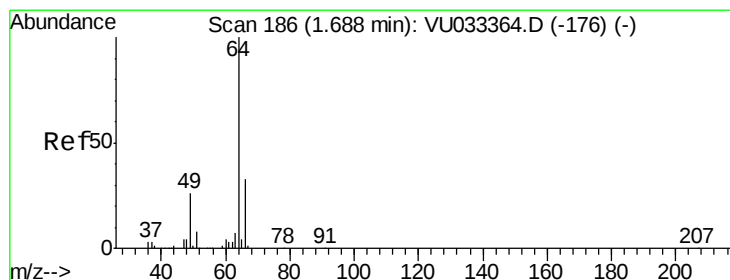
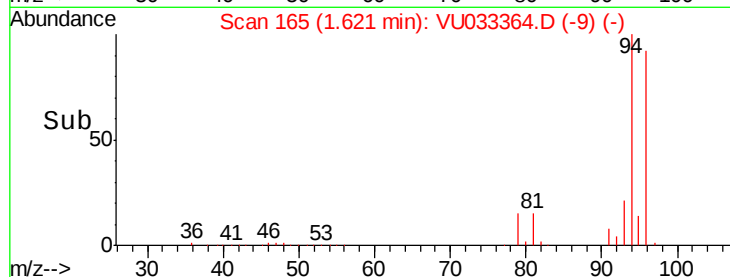
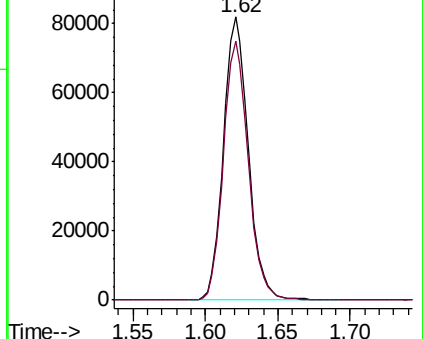
94 100

96 91.5 73.2 109.8



Abundance Ion 94.00 (93.70 to 94.70): VU033364.D (-155) (-)

Ion 96.00 (95.70 to 96.70): VU033364.D (-155) (-)



#6

Chloroethane

Concen: 12.022 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU033364.D

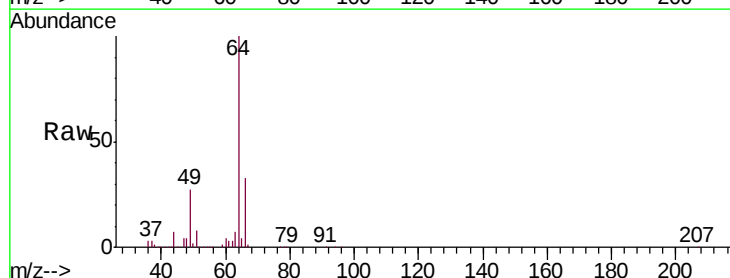
Acq: 22 Jul 2019 21:00

Tgt Ion: 64 Resp: 121446

Ion Ratio Lower Upper

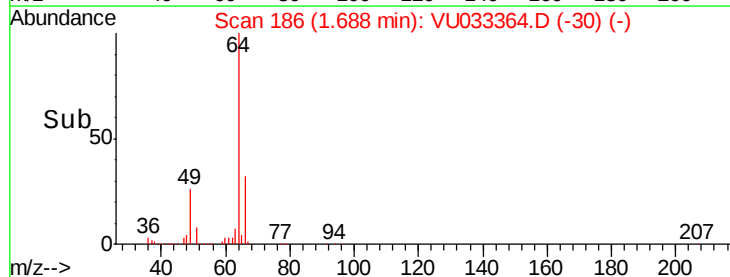
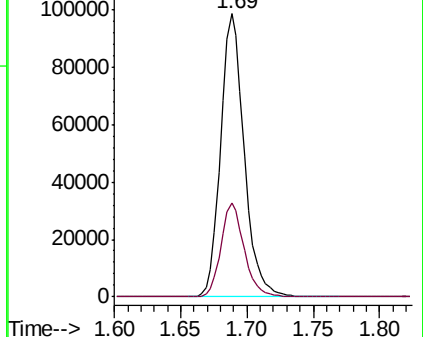
64 100

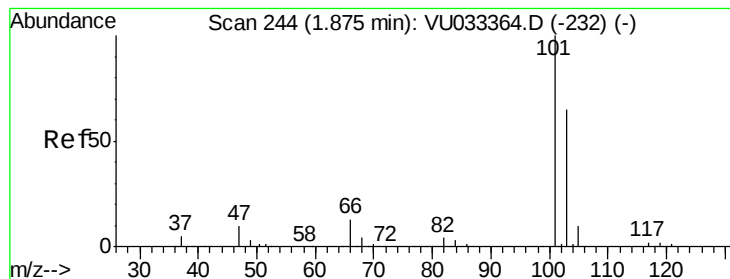
66 33.0 26.4 39.6



Abundance Ion 64.00 (63.70 to 64.70): VU033364.D (-176) (-)

Ion 66.00 (65.70 to 66.70): VU033364.D (-176) (-)



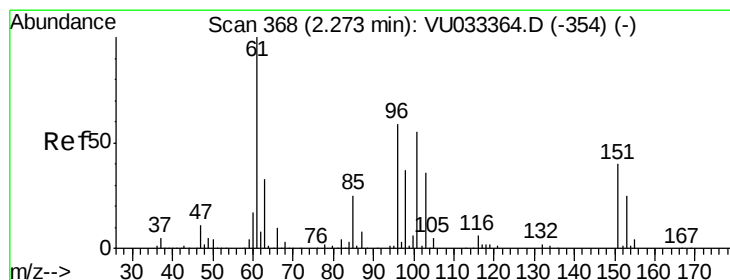
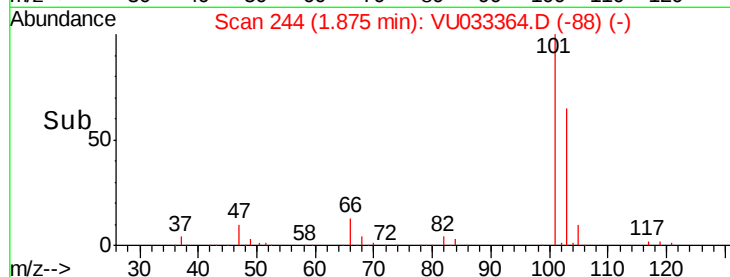
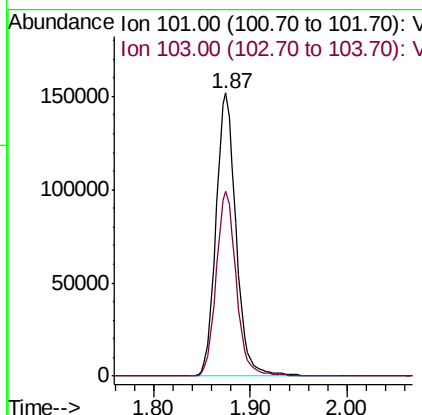
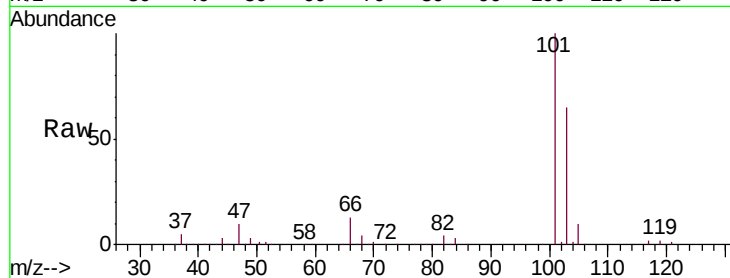


#7

Trichlorofluoromethane
 Concen: 10.845 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: VU033364.D
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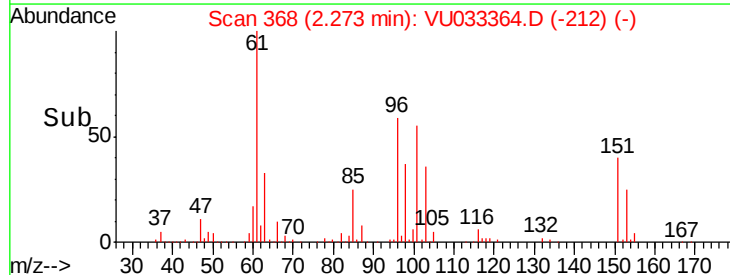
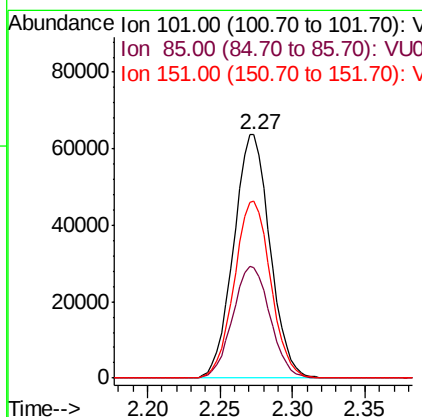
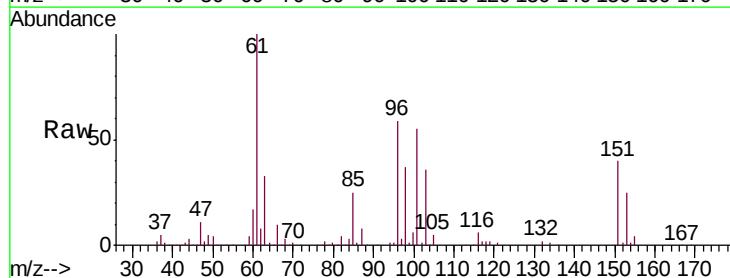
Tgt Ion:101 Resp: 219337
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2

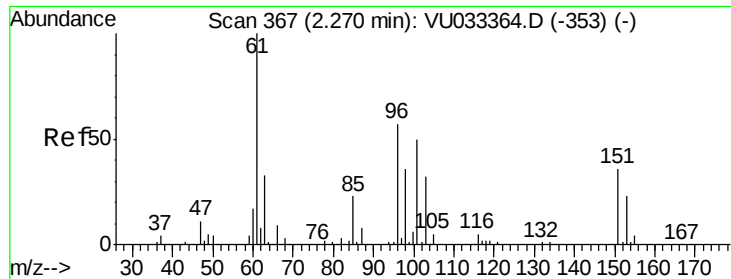


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.087 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion:101 Resp: 111038
 Ion Ratio Lower Upper
 101 100
 85 46.9 37.5 56.3
 151 72.9 58.3 87.5





#9

1,1-Dichloroethene

Concen: 11.119 ug/l

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

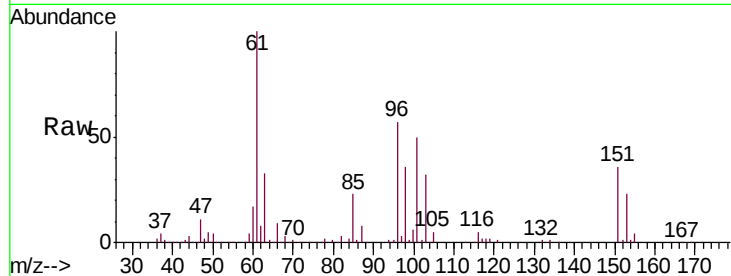
Tgt Ion: 96 Resp: 110719

Ion Ratio Lower Upper

96 100

61 175.2 0.0 525.6

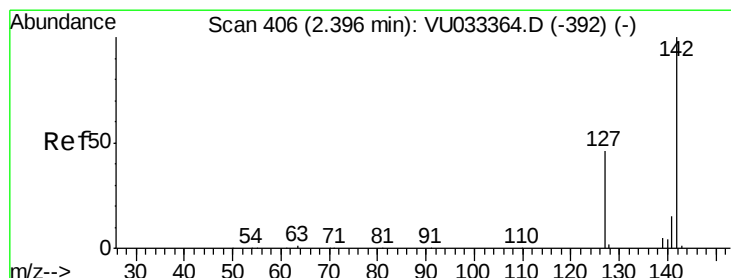
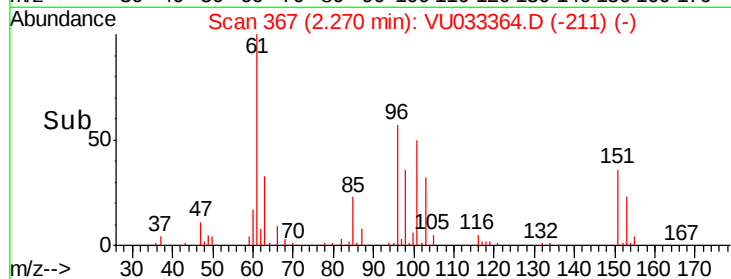
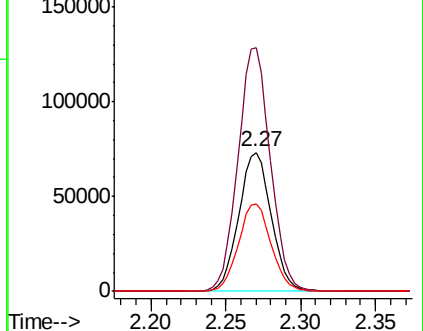
98 63.2 0.0 126.4



Abundance Ion 96.00 (95.70 to 96.70): VU033364.D (-353) (-)

Ion 61.00 (60.70 to 61.70): VU033364.D (-353) (-)

Ion 98.00 (97.70 to 98.70): VU033364.D (-353) (-)



#10

Iodomethane

Concen: 14.054 ug/l

RT: 2.40 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU033364.D

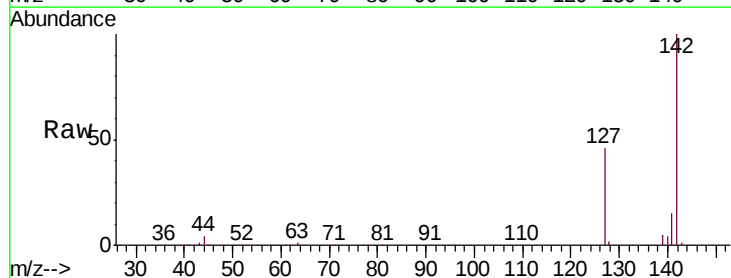
Acq: 22 Jul 2019 21:00

Tgt Ion: 142 Resp: 160030

Ion Ratio Lower Upper

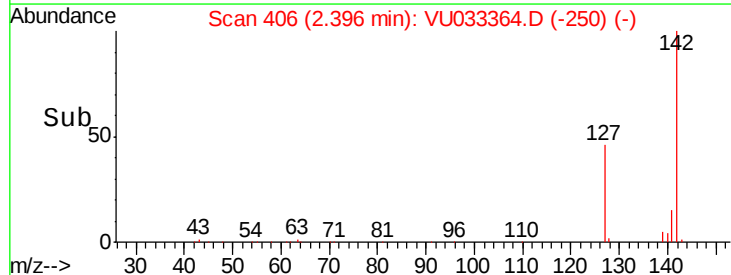
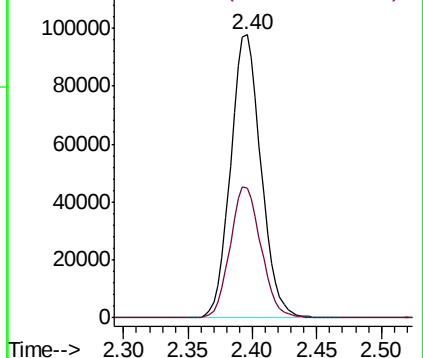
142 100

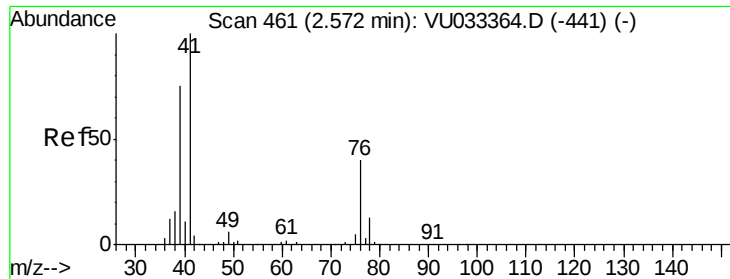
127 47.2 37.8 56.6



Abundance Ion 142.00 (141.70 to 142.70): VU033364.D (-392) (-)

Ion 127.00 (126.70 to 127.70): VU033364.D (-392) (-)

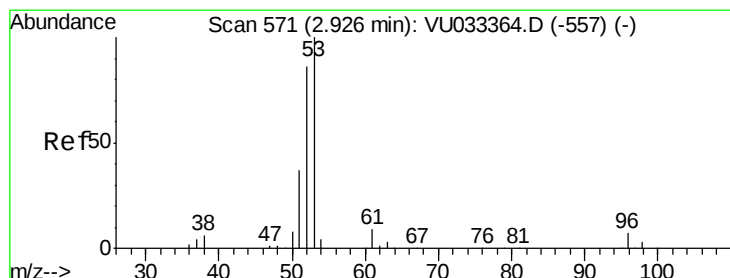
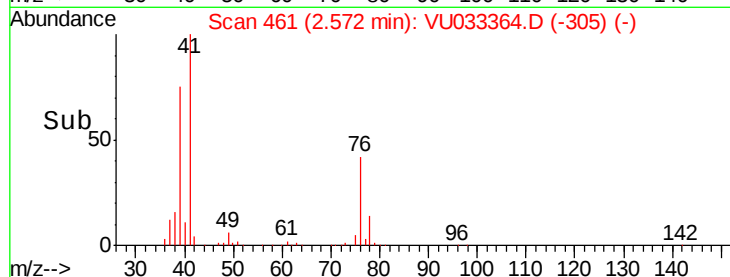
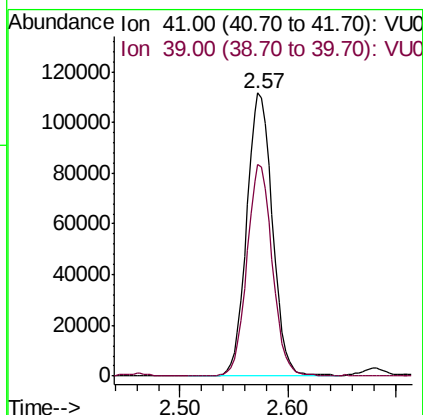
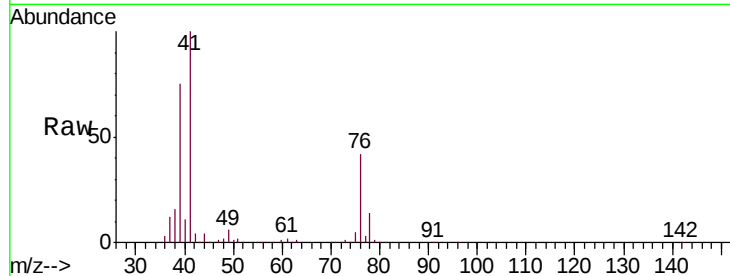




#11
 Allyl Chloride
 Concen: 8.847 ug/l
 RT: 2.57 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

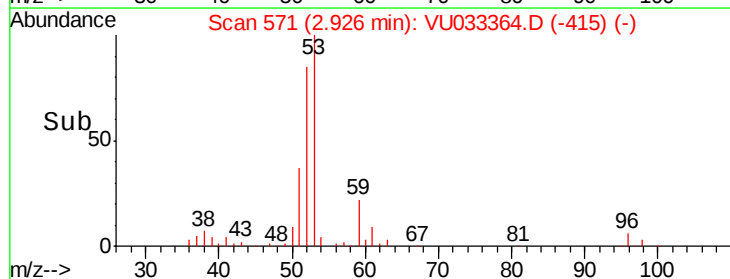
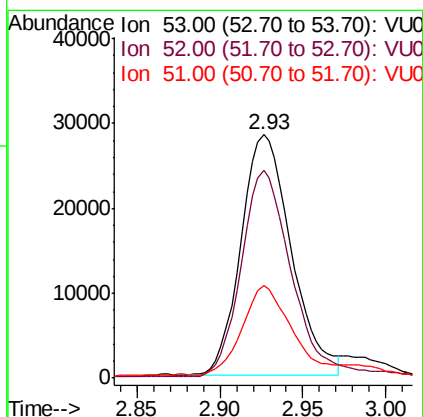
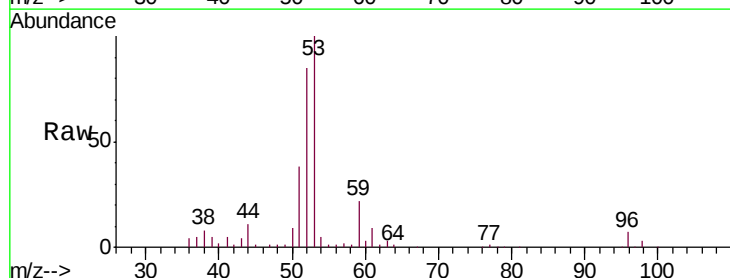
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

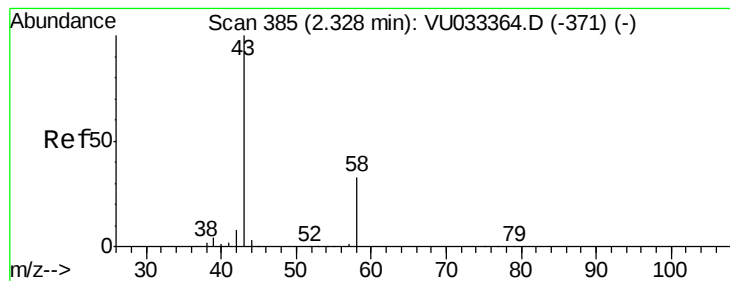
Tgt Ion: 41 Resp: 184081
 Ion Ratio Lower Upper
 41 100
 39 73.4 58.7 88.1



#12
 Acrylonitrile
 Concen: 20.061 ug/l
 RT: 2.93 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion: 53 Resp: 59698
 Ion Ratio Lower Upper
 53 100
 52 87.3 69.8 104.8
 51 36.4 29.1 43.7





#13

Acetone

Concen: 46.096 ug/l

RT: 2.33 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

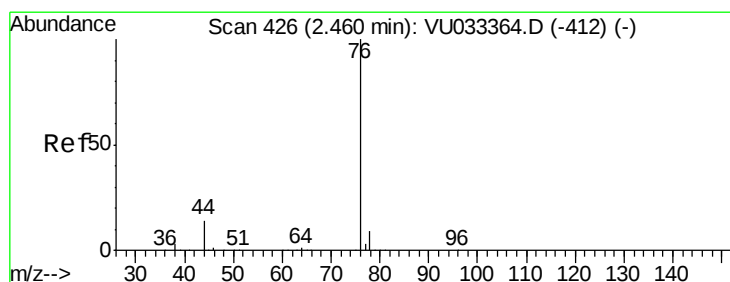
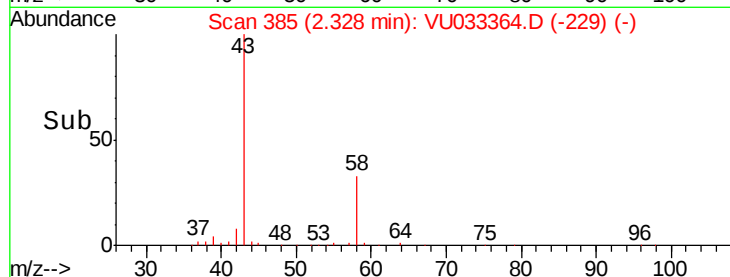
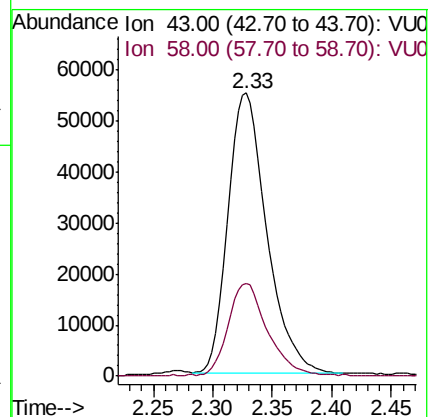
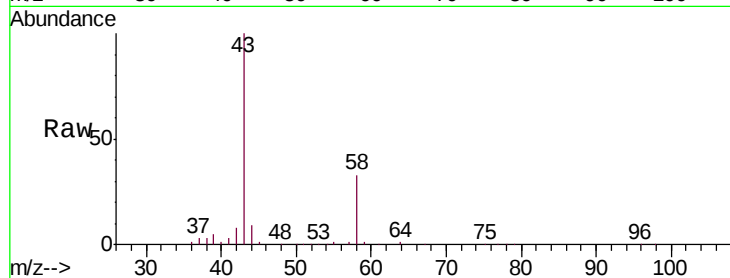
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 123478

Ion Ratio Lower Upper

43 100

58 32.9 26.3 39.5



#14

Carbon Disulfide

Concen: 10.948 ug/l

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VU033364.D

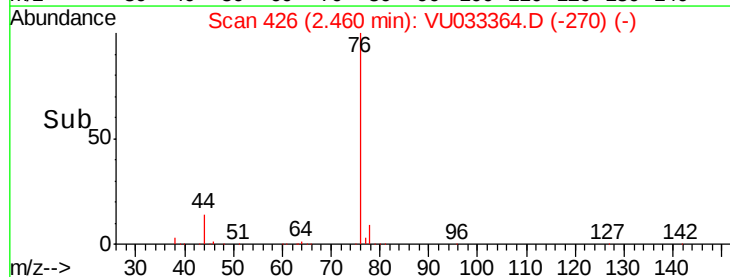
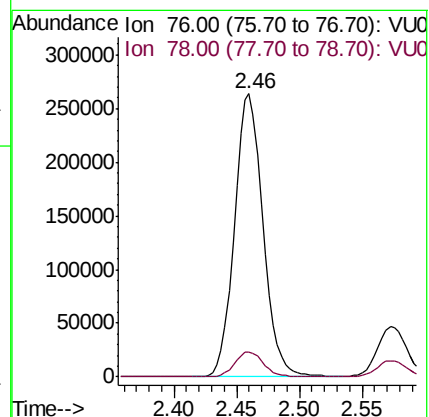
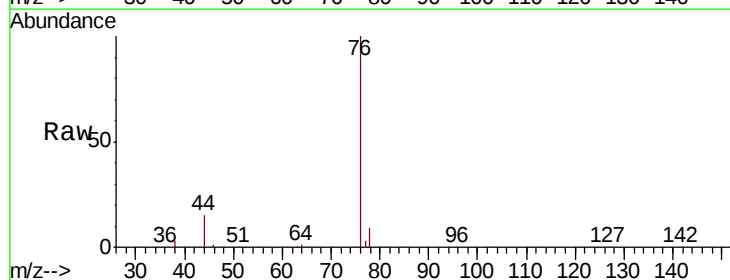
Acq: 22 Jul 2019 21:00

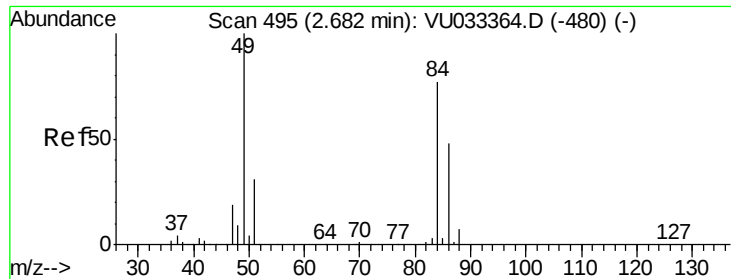
Tgt Ion: 76 Resp: 417047

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

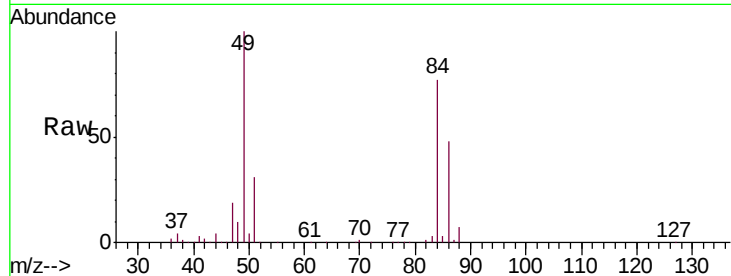




#15
Methylene Chloride
Concen: 10.641 ug/l
RT: 2.68 min Scan# 495
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:	84	Resp:	134566
Ion	Ratio	Lower	Upper
84	100		
49	129.4	103.5	155.3
51	40.2	0.0	80.4
86	62.6	50.1	75.1



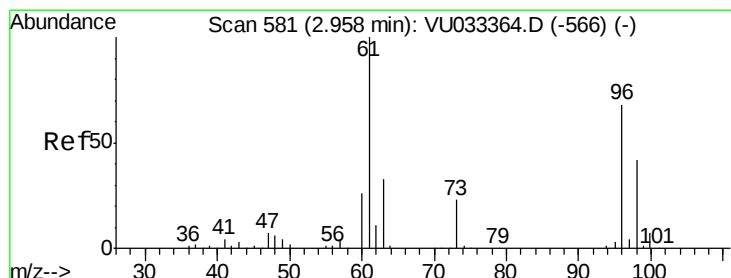
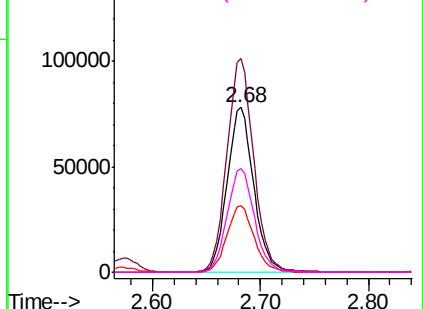
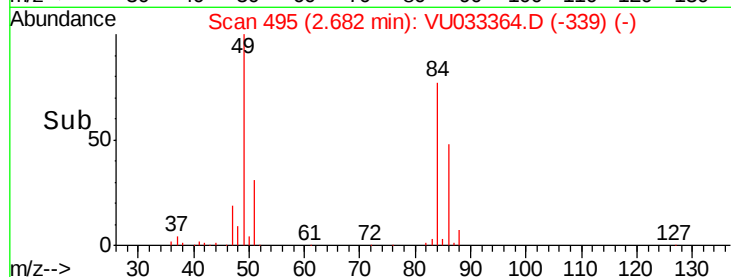
Abundance

Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

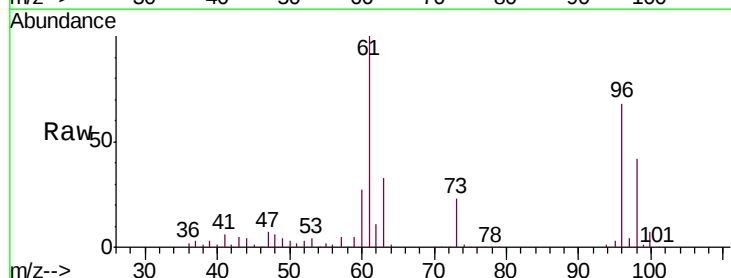
Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16
trans-1,2-Dichloroethene
Concen: 11.465 ug/l
RT: 2.96 min Scan# 581
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

Tgt Ion:	96	Resp:	128326
Ion	Ratio	Lower	Upper
96	100		
61	147.5	118.0	177.0
98	61.8	49.4	74.2

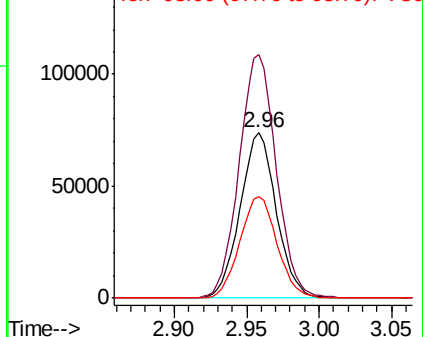
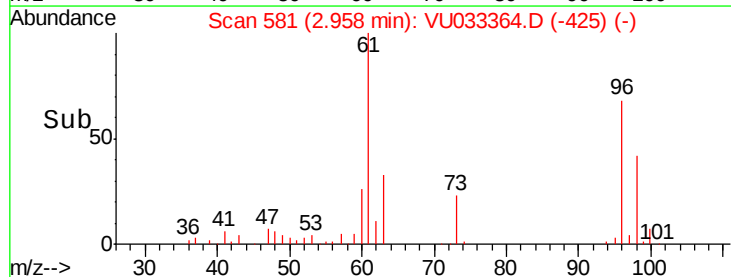


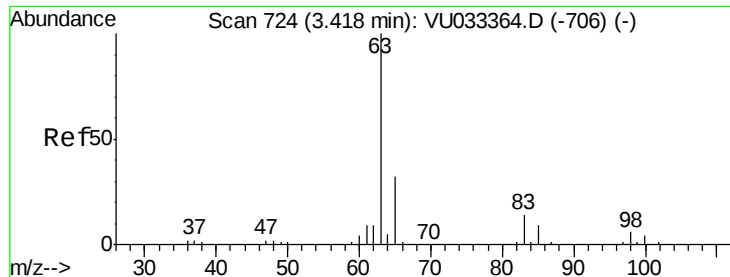
Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

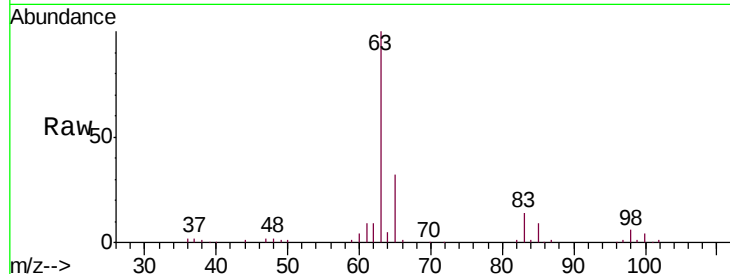




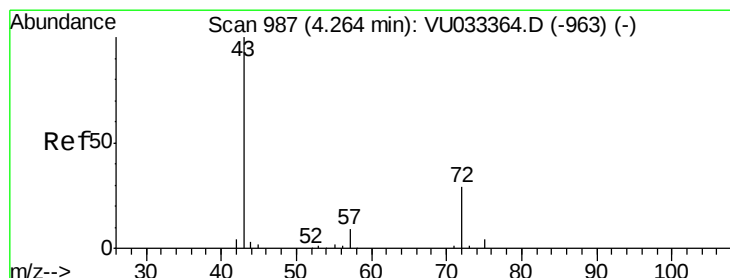
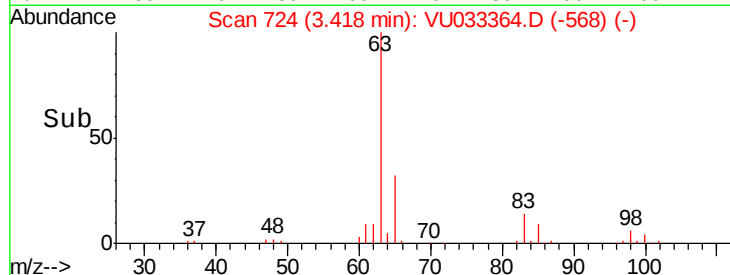
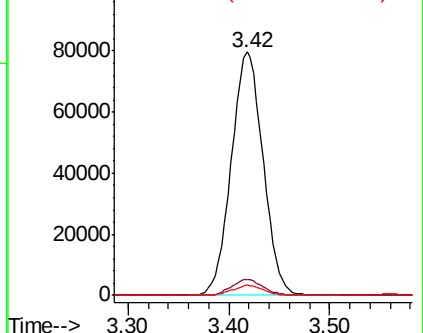
#17
 1,1-Dichloroethane
 Concen: 7.982 ug/l
 RT: 3.42 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 63 Resp: 174146
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.2 9.6
 100 4.1 2.1 6.2

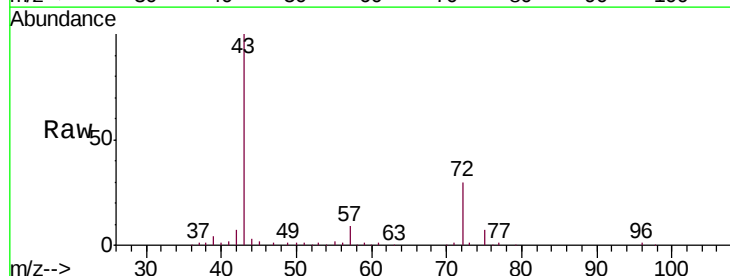


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

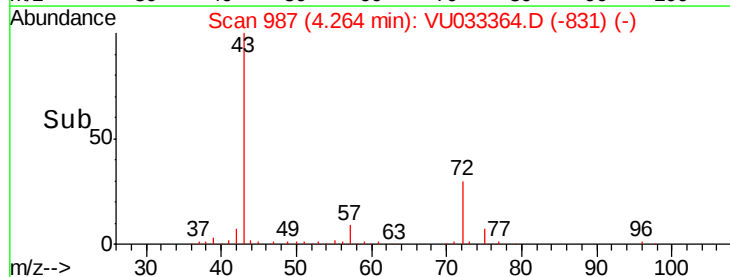
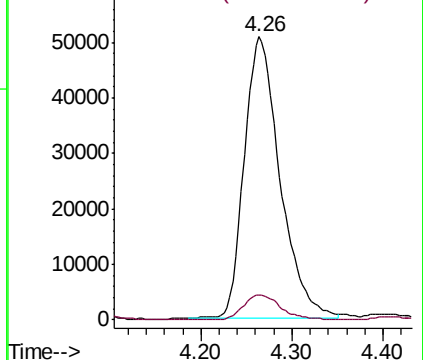


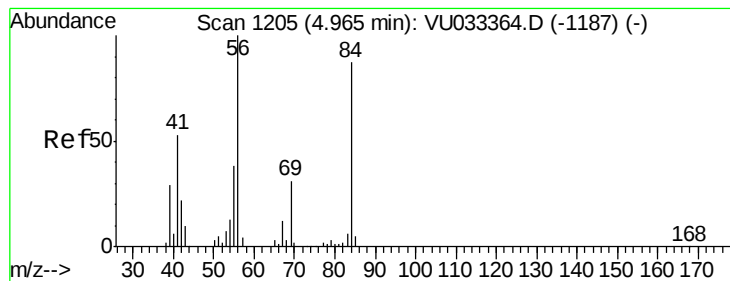
#18
 2-Butanone
 Concen: 41.424 ug/l
 RT: 4.26 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion: 43 Resp: 138166
 Ion Ratio Lower Upper
 43 100
 57 8.5 0.0 17.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 7.511 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

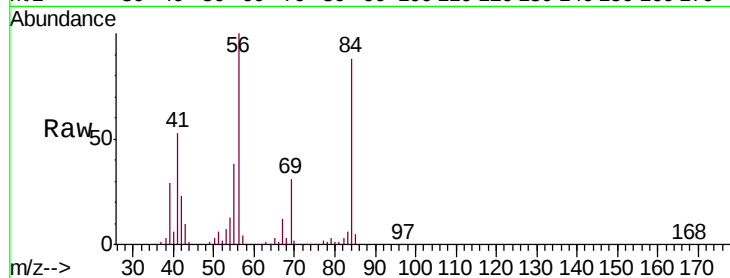
Tgt Ion: 56 Resp: 124766

Ion Ratio Lower Upper

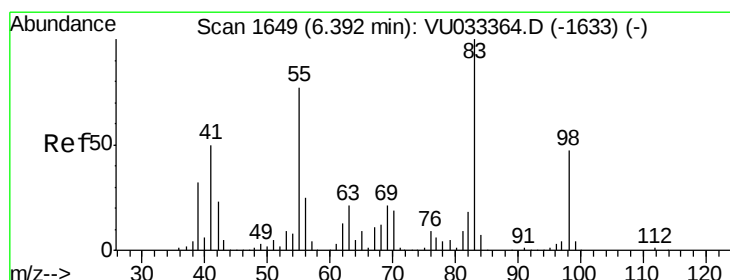
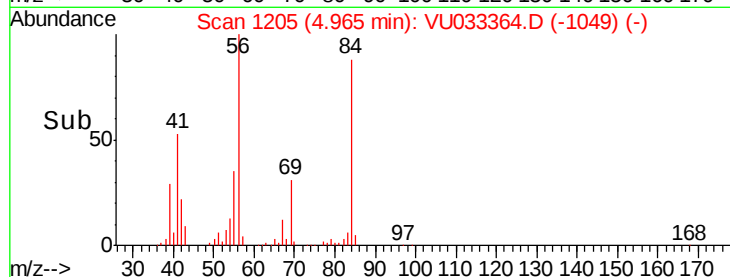
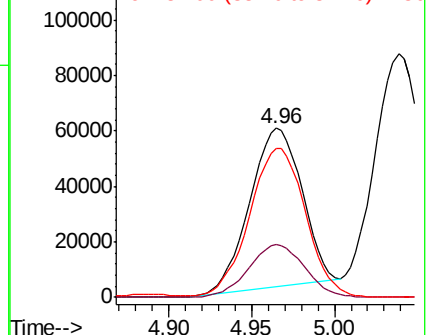
56 100

69 35.9 25.0 37.4

84 100.5 69.8 104.6



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



#20

Methylcyclohexane

Concen: 10.900 ug/l

RT: 6.39 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

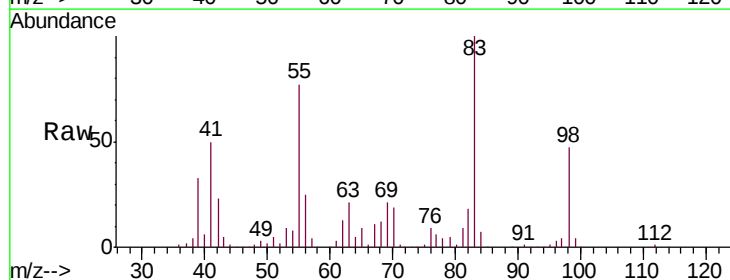
Tgt Ion: 83 Resp: 150063

Ion Ratio Lower Upper

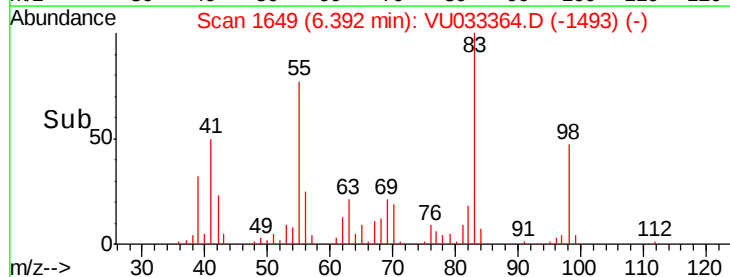
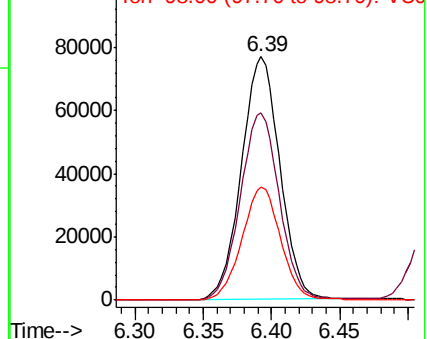
83 100

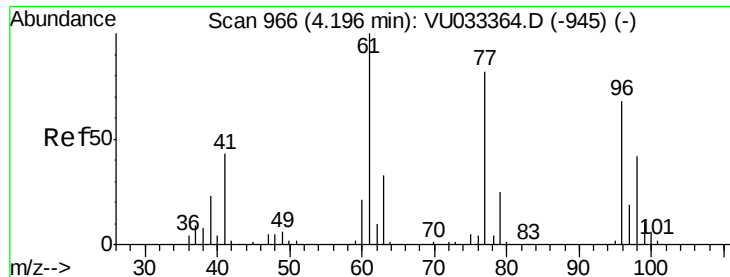
55 77.9 62.3 93.5

98 46.7 37.4 56.0



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

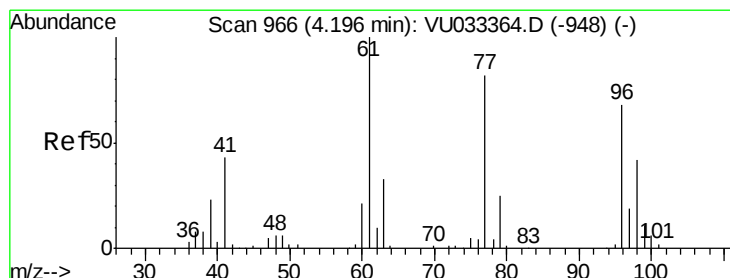
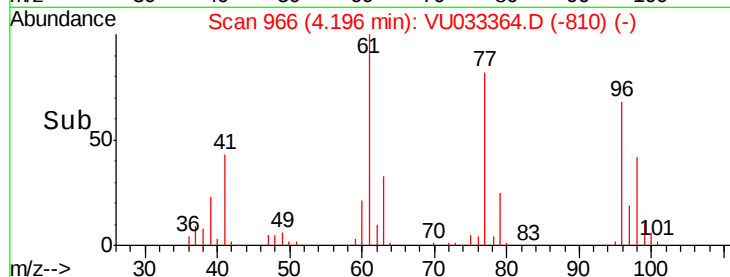
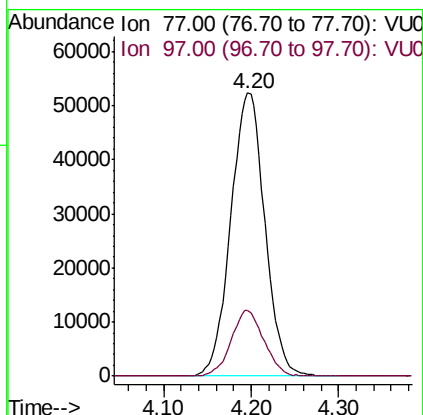
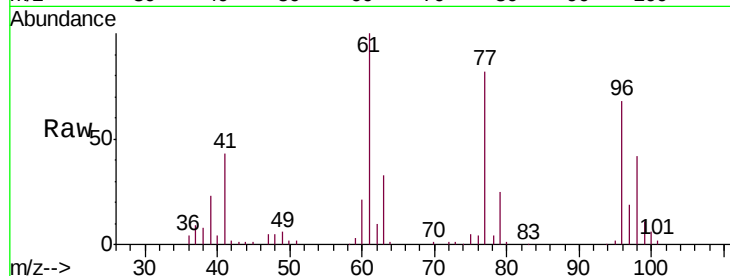




#21
 2,2-Dichloropropane
 Concen: 8.731 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

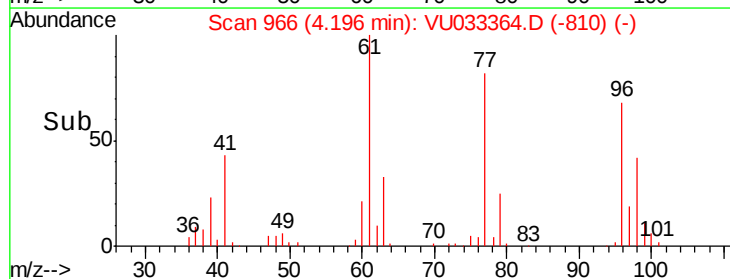
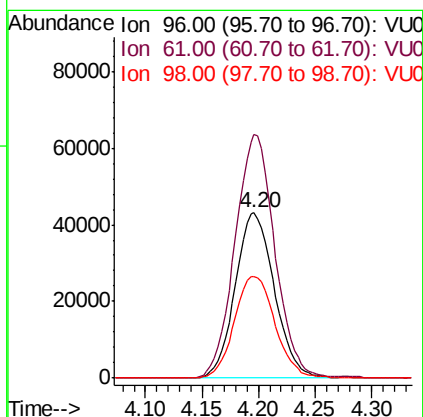
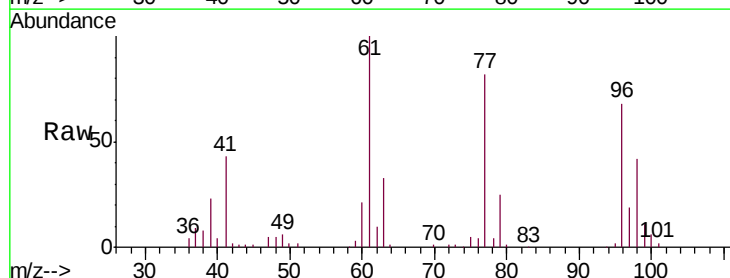
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

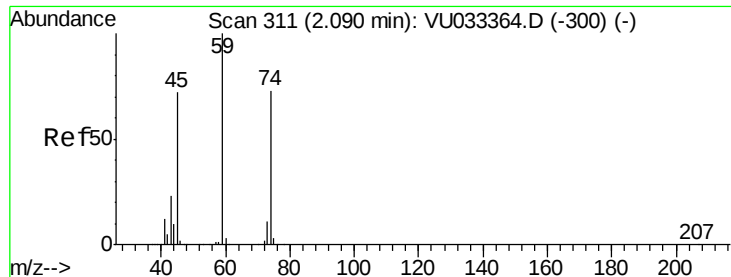
Tgt Ion: 77 Resp: 141224
 Ion Ratio Lower Upper
 77 100
 97 22.3 17.8 26.8



#22
 cis-1,2-Dichloroethene
 Concen: 9.147 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion: 96 Resp: 103953
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 376.3
 98 63.9 31.9 95.9

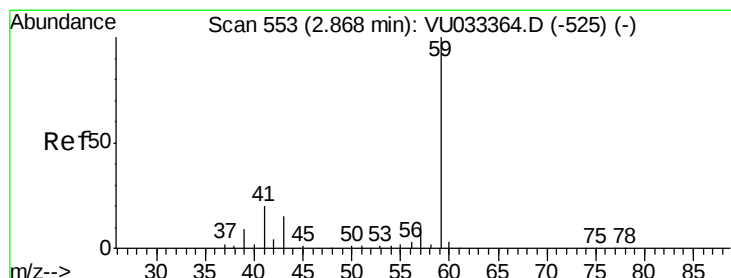
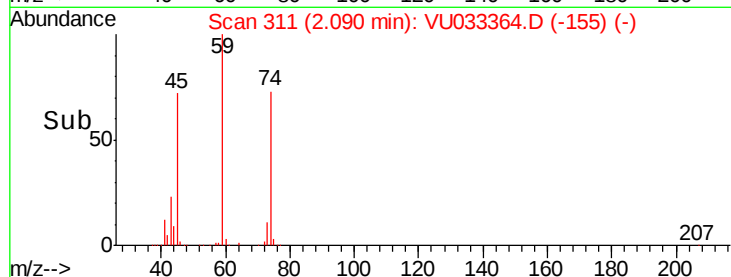
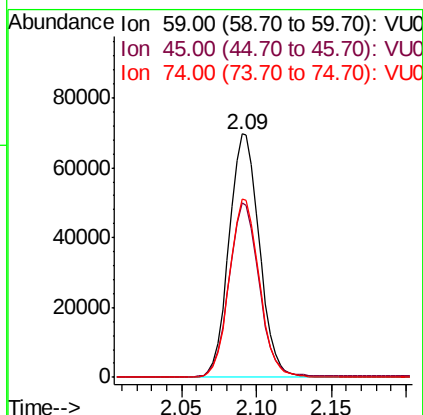
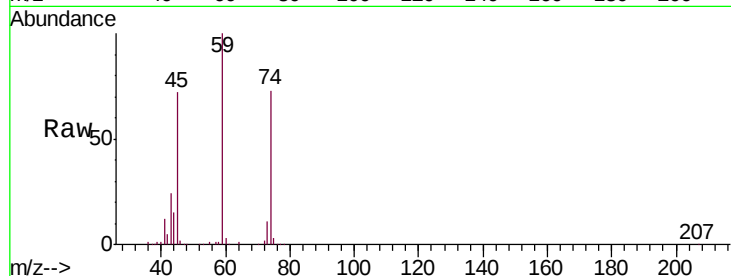




#23
Diethyl Ether
Concen: 10.490 ug/l
RT: 2.09 min Scan# 311
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

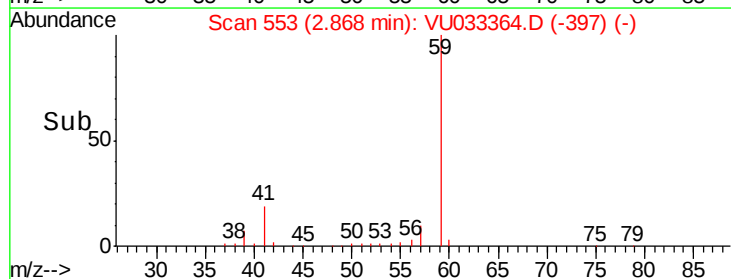
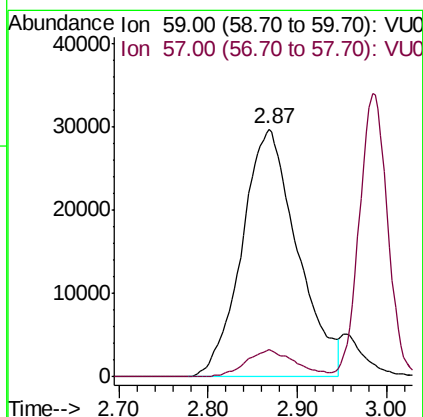
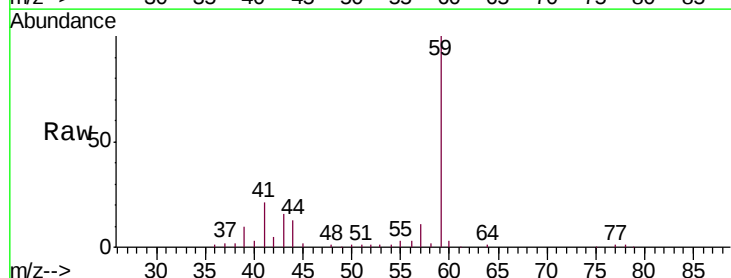
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

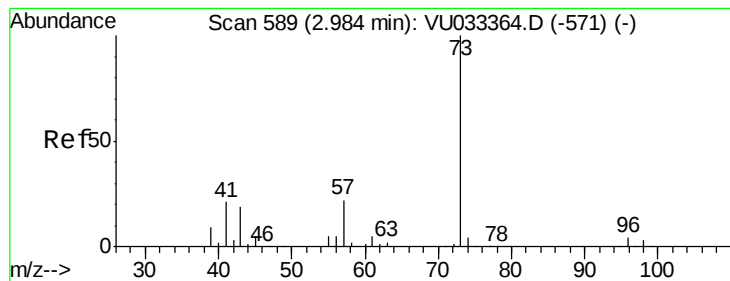
Tgt Ion: 59 Resp: 98446
Ion Ratio Lower Upper
59 100
45 72.0 57.6 86.4
74 72.2 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 125.617 ug/l
RT: 2.87 min Scan# 553
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

Tgt Ion: 59 Resp: 128096
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8





#25

Methyl tert-Butyl Ether

Concen: 11.334 ug/l

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

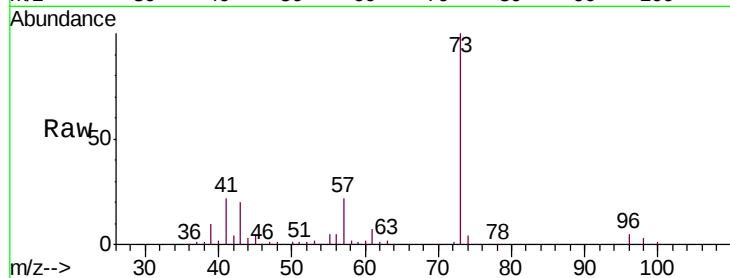
VSTDICCC010

Tgt Ion: 73 Resp: 327639

Ion Ratio Lower Upper

73 100

43 20.7 16.6 24.8



Abundance Ion 73.00 (72.70 to 73.70): VU033364.D (-571) (-)

Ion 43.00 (42.70 to 43.70): VU033364.D (-571) (-)

150000

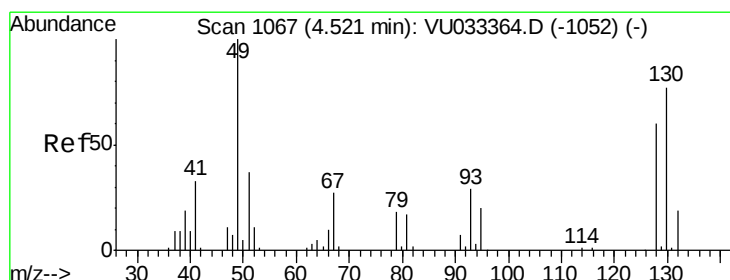
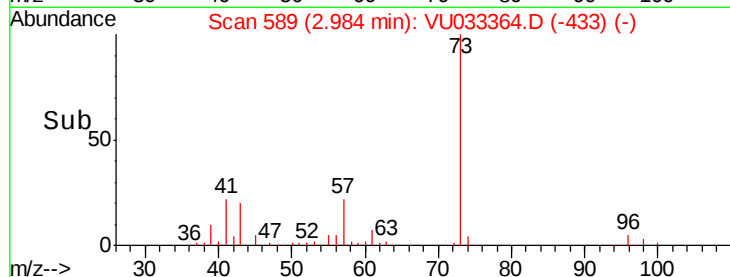
100000

50000

0

2.90 2.95 3.00 3.05 3.10

Time-->



#26

Bromochloromethane

Concen: 9.296 ug/l

RT: 4.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

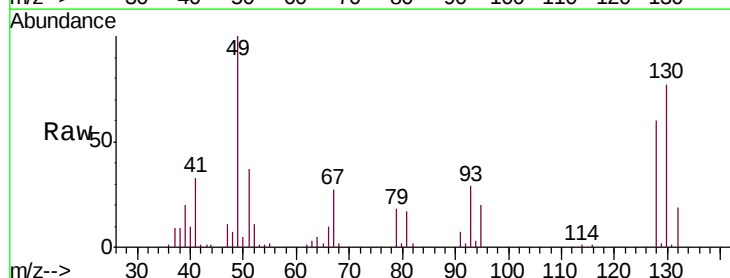
Tgt Ion: 128 Resp: 44873

Ion Ratio Lower Upper

128 100

49 166.7 0.0 333.4

130 129.3 103.4 155.2



Abundance Ion 128.00 (127.70 to 128.70): VU033364.D (-1052) (-)

Ion 49.00 (48.70 to 49.70): VU033364.D (-1052) (-)

Ion 130.00 (129.70 to 130.70): VU033364.D (-1052) (-)

40000

30000

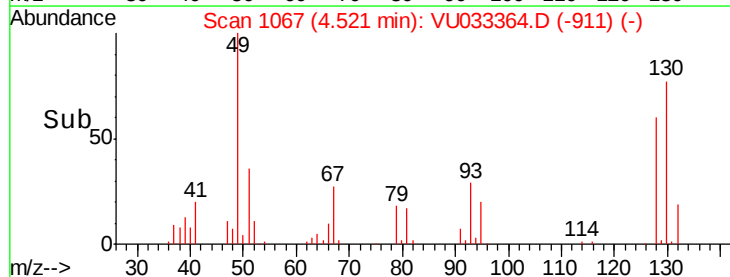
20000

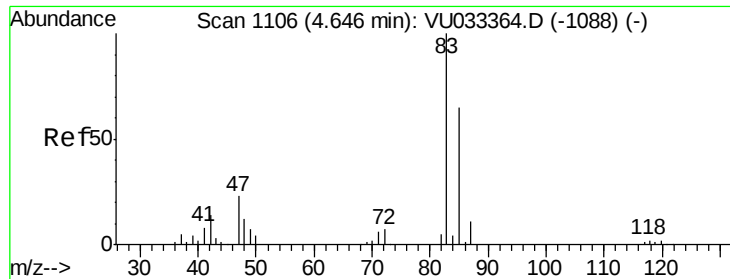
10000

0

4.45 4.50 4.55 4.60

Time-->

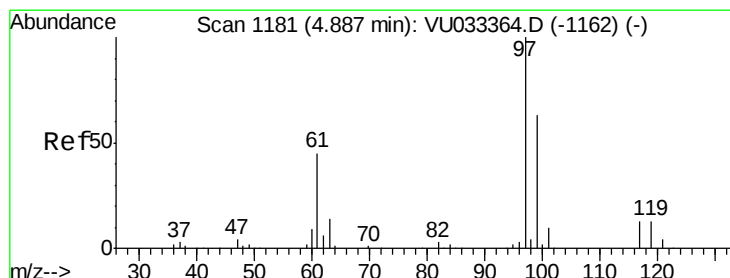
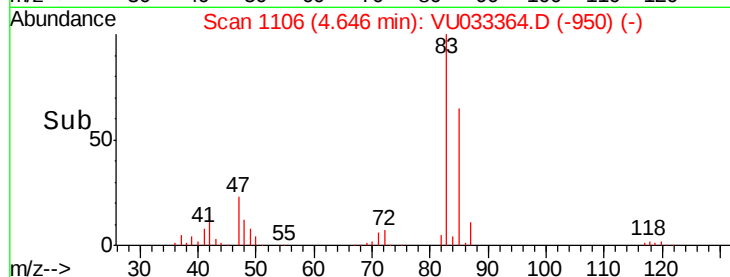
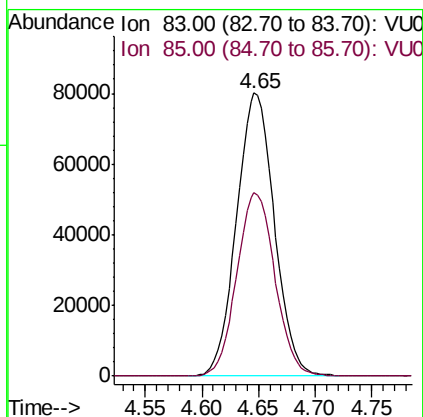
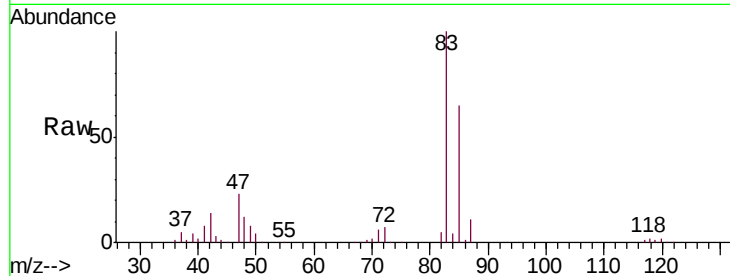




#27
Chloroform
Concen: 9.054 ug/l
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

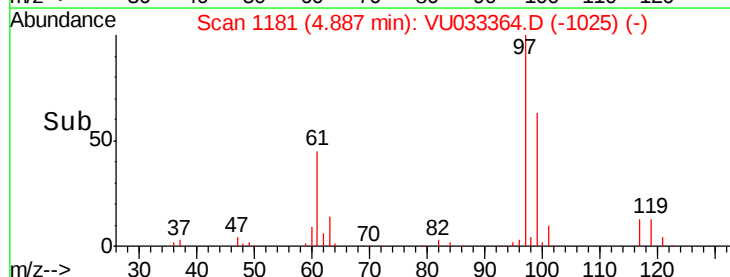
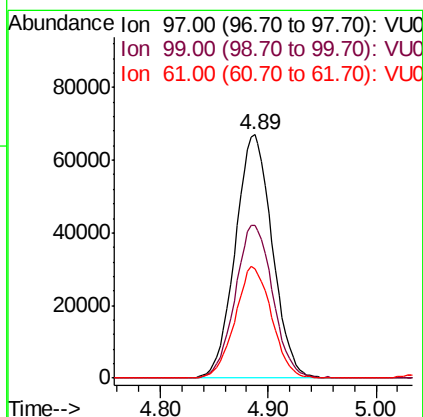
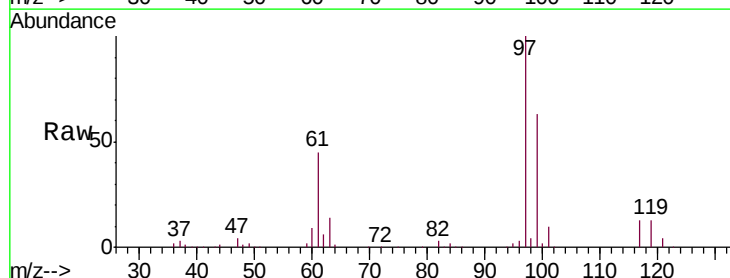
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

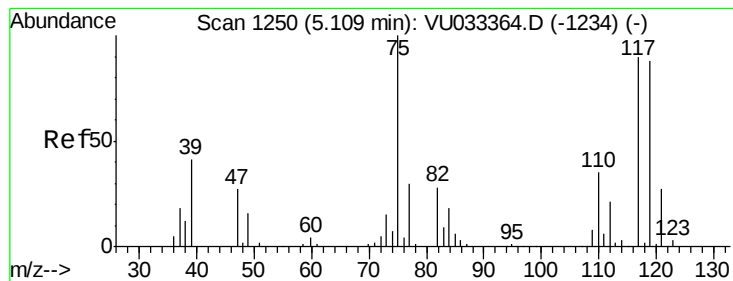
Tgt Ion: 83 Resp: 186518
Ion Ratio Lower Upper
83 100
85 64.9 0.0 129.8



#28
1,1,1-Trichloroethane
Concen: 9.173 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

Tgt Ion: 97 Resp: 159775
Ion Ratio Lower Upper
97 100
99 63.7 31.9 95.5
61 45.3 22.7 68.0





#29

1,1-Dichloropropene

Concen: 9.884 ug/l

RT: 5.11 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

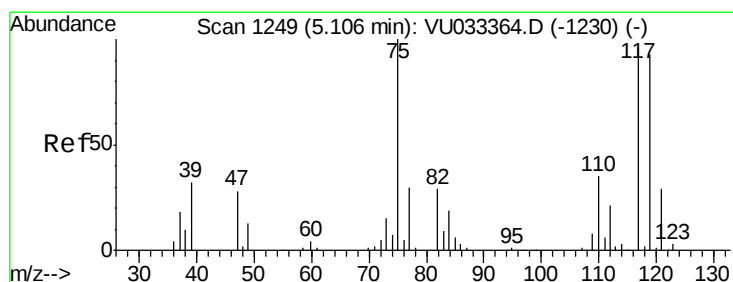
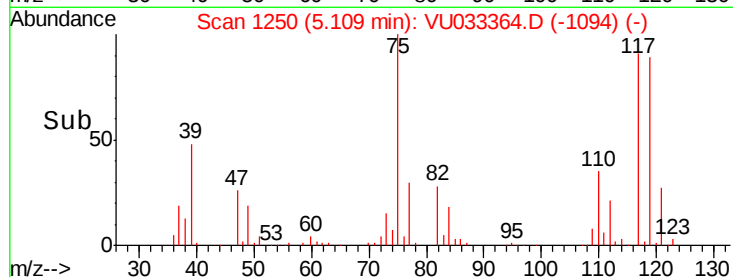
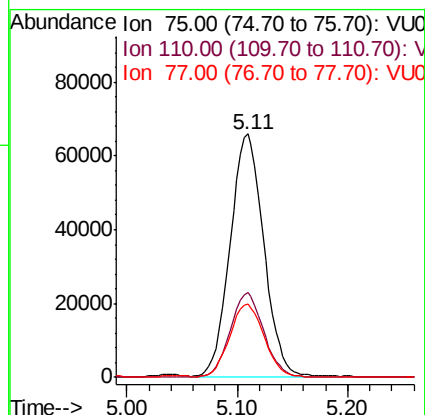
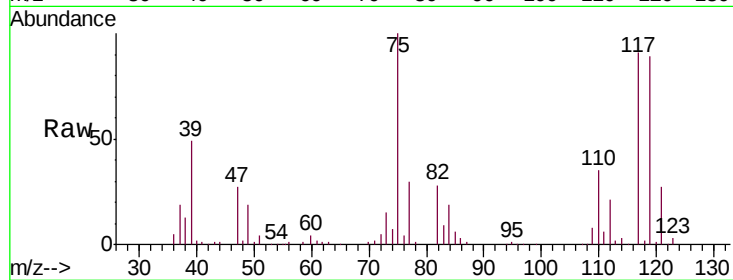
Tgt Ion: 75 Resp: 138246

Ion Ratio Lower Upper

75 100

110 35.1 17.5 52.6

77 31.4 25.1 37.7



#30

Carbon Tetrachloride

Concen: 9.438 ug/l

RT: 5.11 min Scan# 1249

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

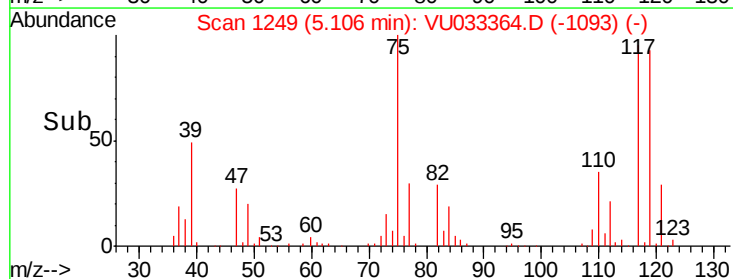
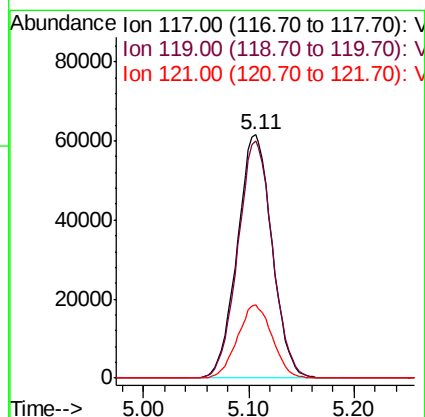
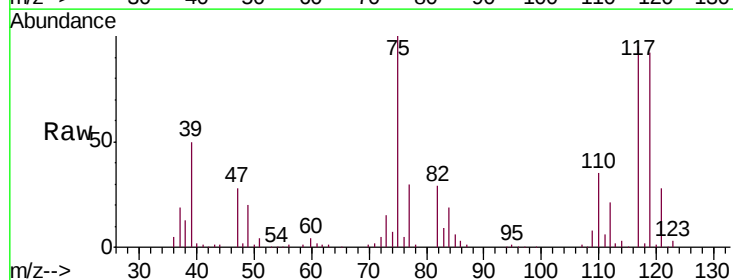
Tgt Ion: 117 Resp: 140729

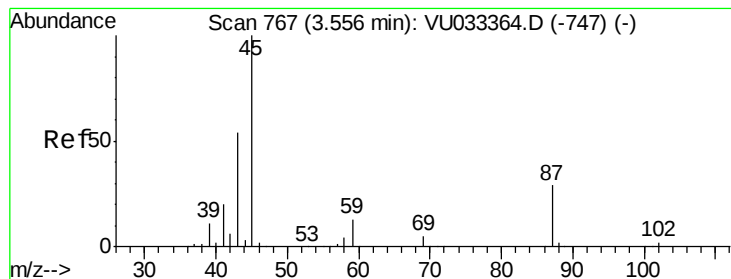
Ion Ratio Lower Upper

117 100

119 97.4 77.9 116.9

121 30.0 24.0 36.0





#31

Isopropyl Ether

Concen: 7.330 ug/l

RT: 3.56 min Scan# 767

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

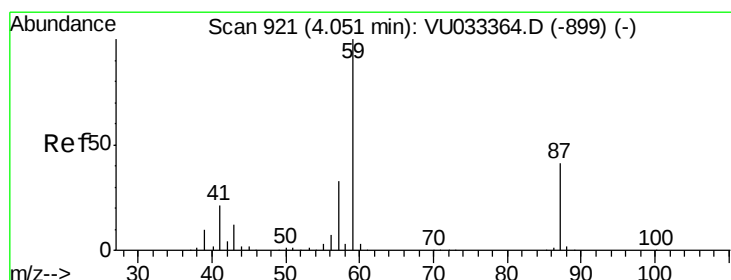
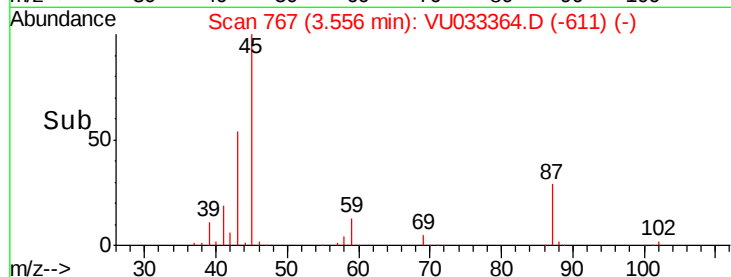
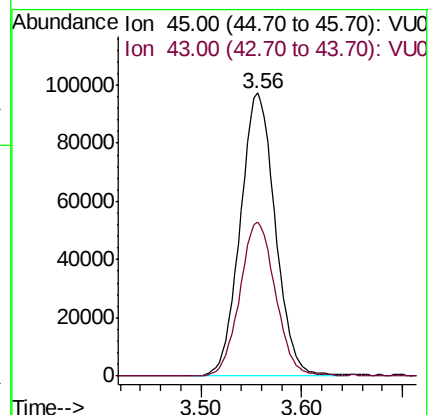
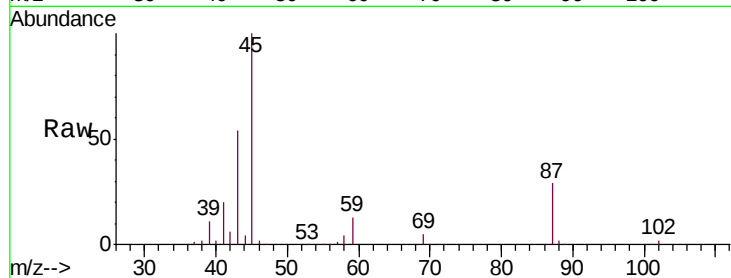
VSTDICCC010

Tgt Ion: 45 Resp: 233884

Ion Ratio Lower Upper

45 100

43 55.5 27.8 83.3



#32

Ethyl-t-butyl ether

Concen: 8.728 ug/l

RT: 4.05 min Scan# 921

Delta R.T. 0.00 min

Lab File: VU033364.D

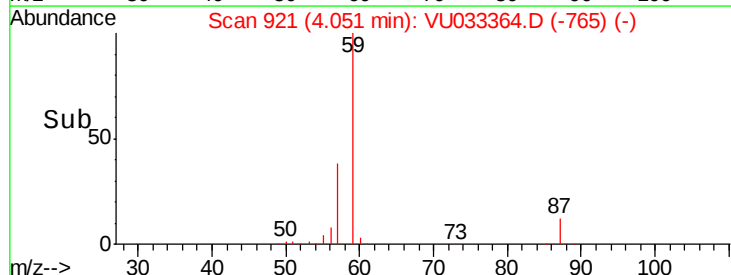
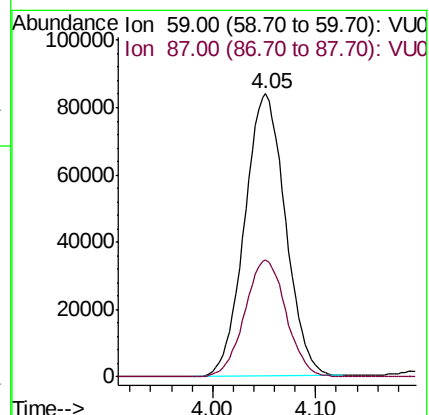
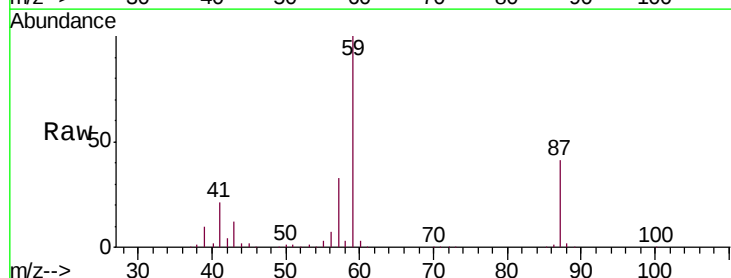
Acq: 22 Jul 2019 21:00

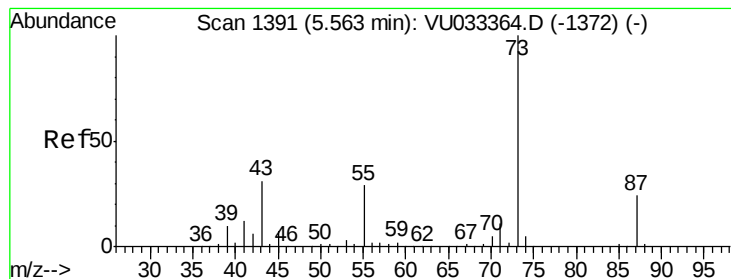
Tgt Ion: 59 Resp: 230462

Ion Ratio Lower Upper

59 100

87 42.2 33.8 50.6



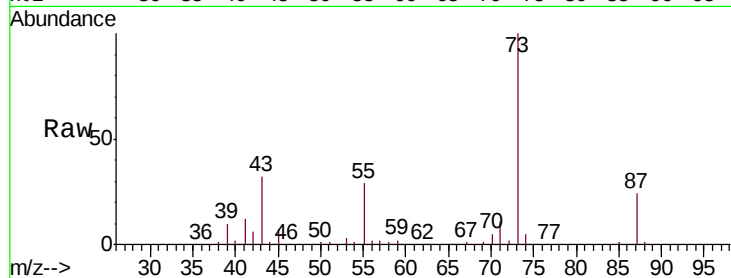


#33

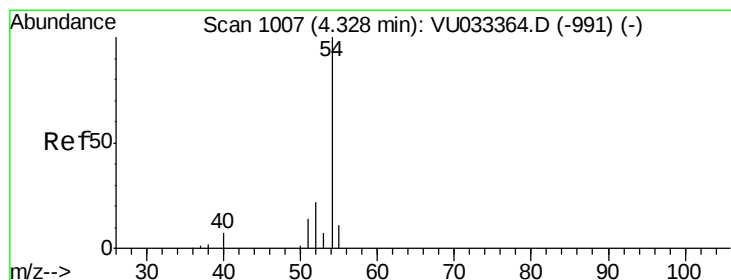
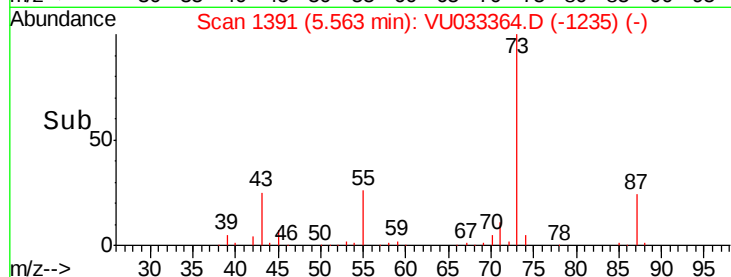
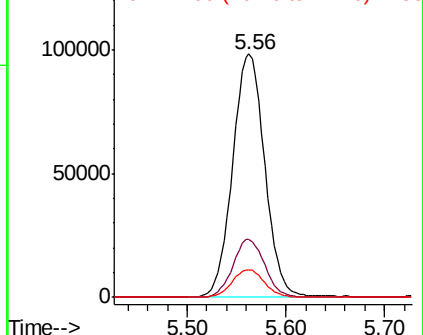
Tert-Amyl methyl ether
 Concen: 10.335 ug/l
 RT: 5.56 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 73 Resp: 221595
 Ion Ratio Lower Upper
 73 100
 87 23.6 18.9 28.3
 71 11.6 9.3 13.9



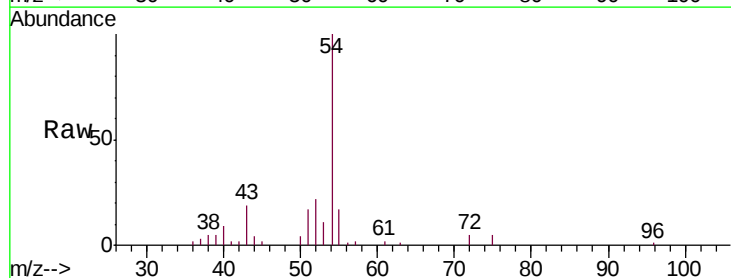
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



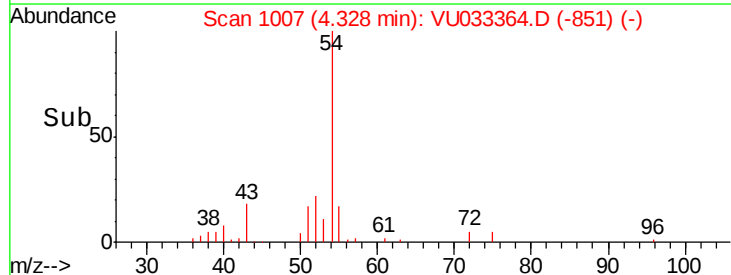
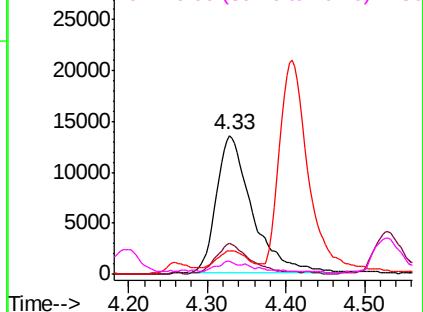
#34

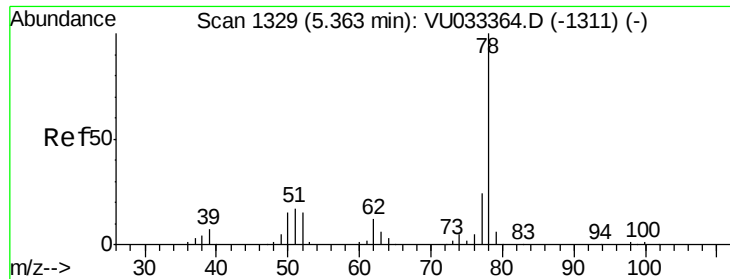
Propionitrile
 Concen: 46.319 ug/l
 RT: 4.33 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion: 54 Resp: 42100
 Ion Ratio Lower Upper
 54 100
 52 21.4 17.1 25.7
 55 14.5 11.6 17.4
 40 4.4 3.5 5.3



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





#35

Benzene

Concen: 9.261 ug/l

RT: 5.36 min Scan# 1329

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

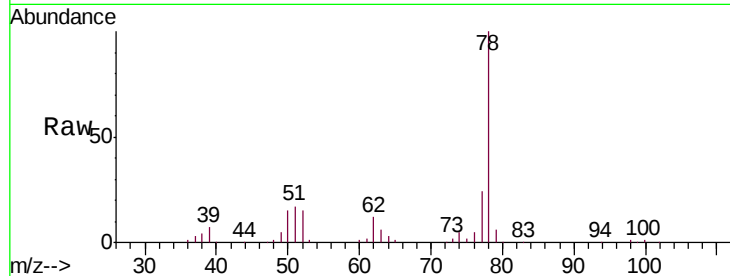
VSTDICCC010

Tgt Ion: 78 Resp: 395484

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU033364.D (-1311) (-)

Ion 77.00 (76.70 to 77.70): VU033364.D (-1311) (-)

5.36

200000

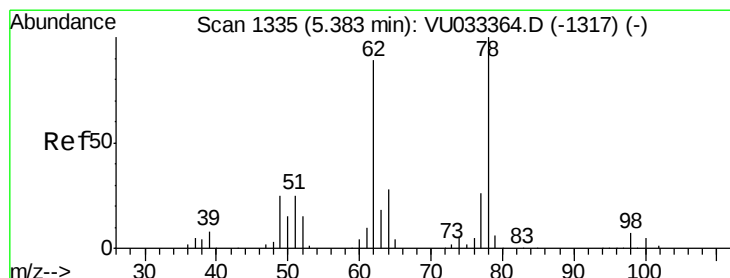
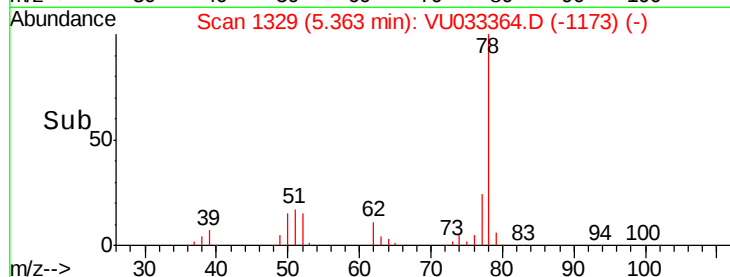
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.143 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU033364.D

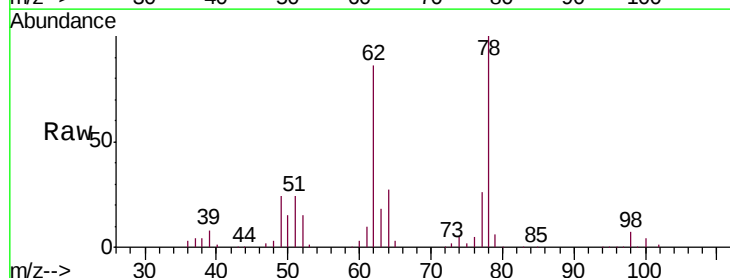
Acq: 22 Jul 2019 21:00

Tgt Ion: 62 Resp: 128134

Ion Ratio Lower Upper

62 100

98 8.1 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU033364.D (-1317) (-)

Ion 98.00 (97.70 to 98.70): VU033364.D (-1317) (-)

5.38

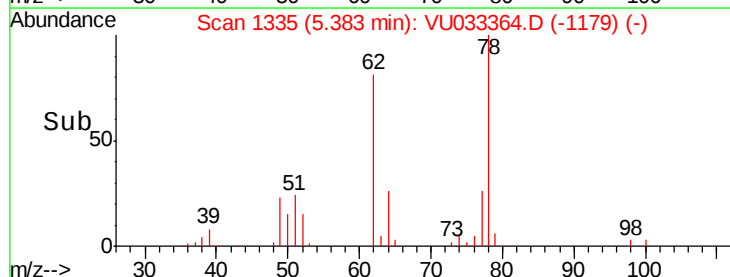
60000

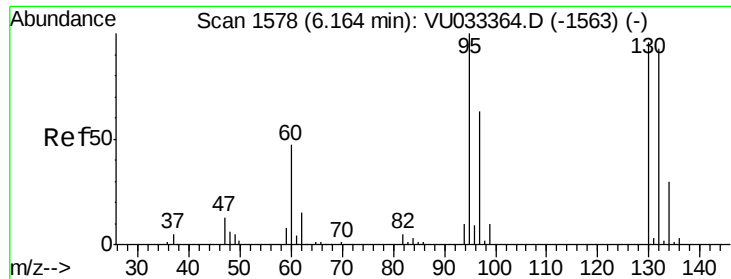
40000

20000

0

Time-->

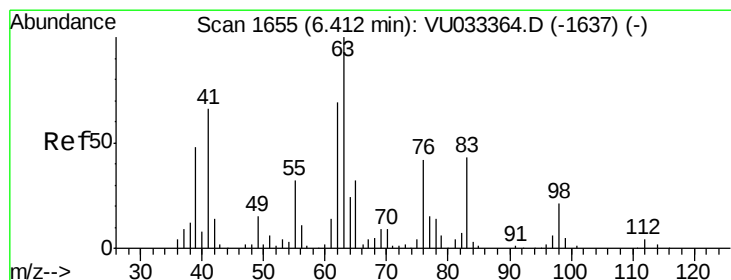
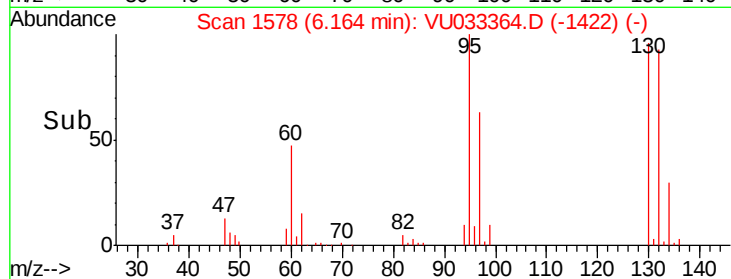
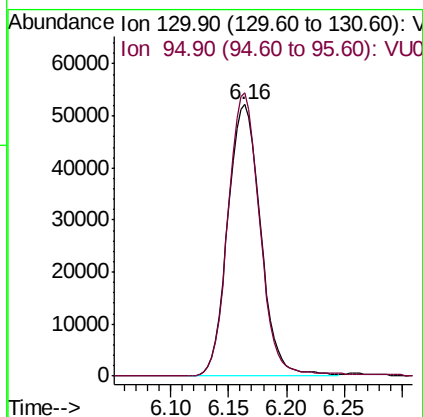
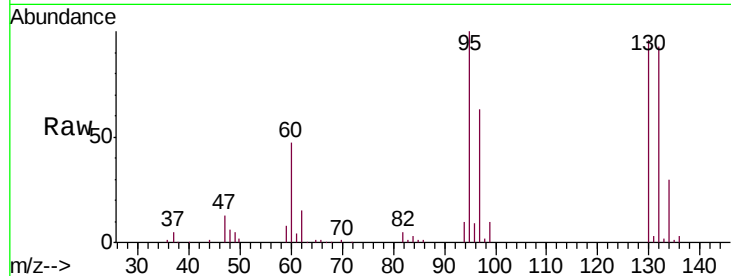




#37
 Trichloroethene
 Concen: 9.705 ug/l
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

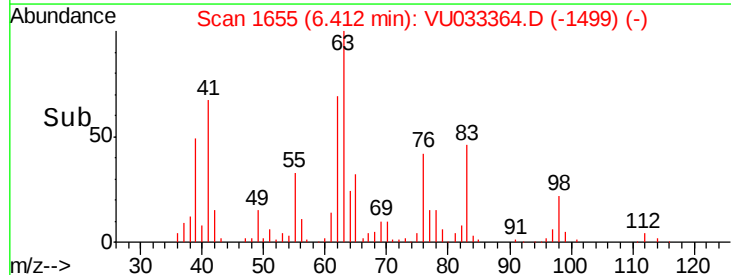
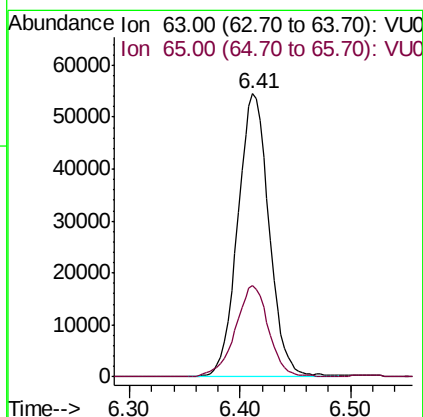
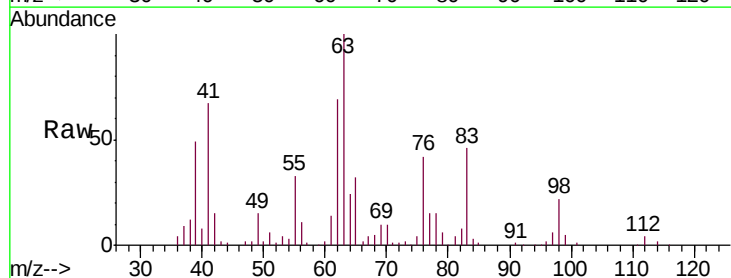
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

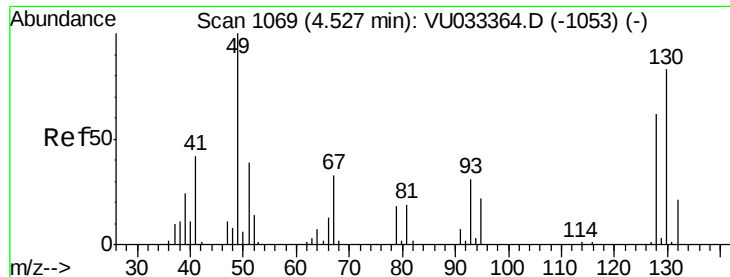
Tgt Ion: 130 Resp: 102999
 Ion Ratio Lower Upper
 130 100
 95 104.2 83.4 125.0



#38
 1,2-Dichloropropane
 Concen: 8.910 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion: 63 Resp: 107217
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.7 38.5

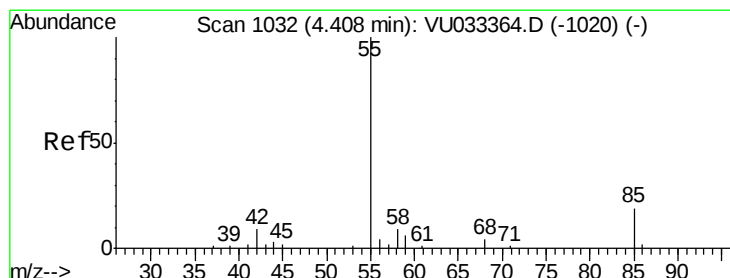
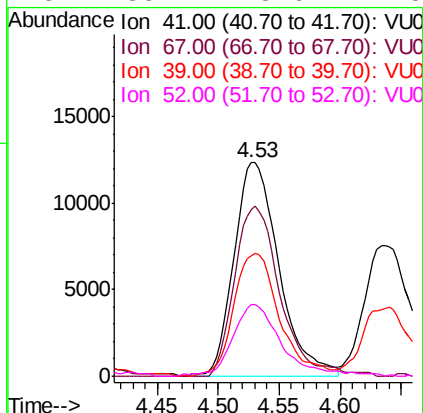
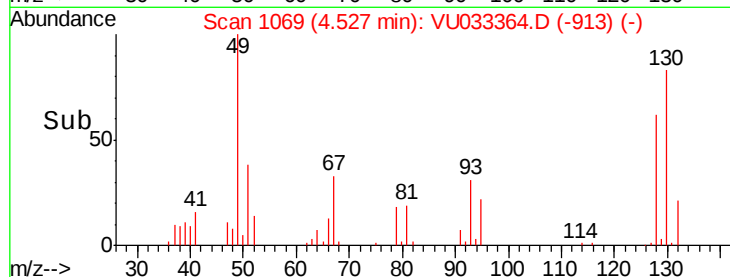
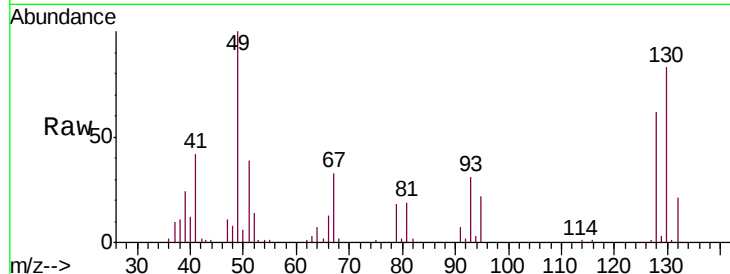




#39
Methacrylonitrile
Concen: 8.495 ug/l
RT: 4.53 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

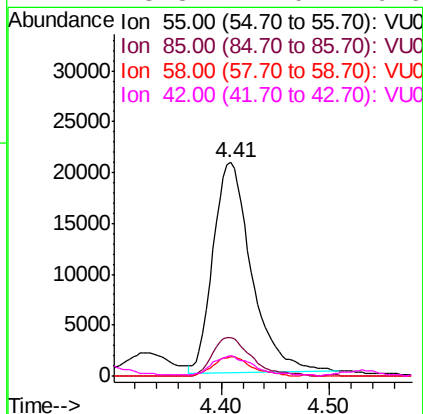
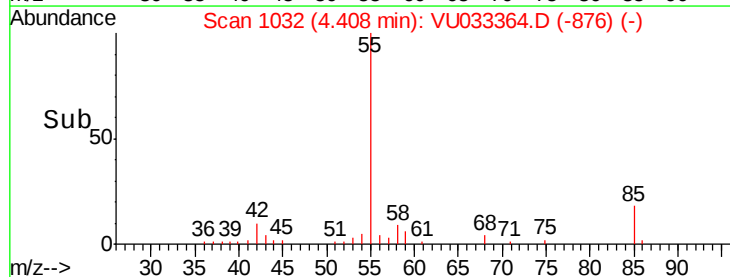
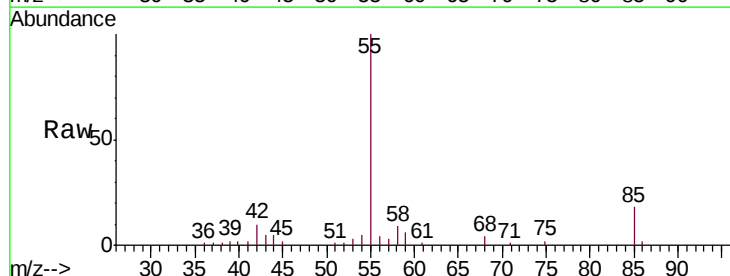
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

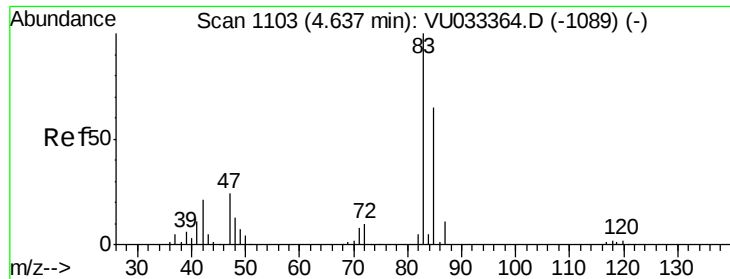
Tgt Ion:	41	Resp:	31594
Ion	Ratio	Lower	Upper
41	100		
67	80.5	64.4	96.6
39	58.5	46.8	70.2
52	35.7	28.6	42.8



#40
Methyl acrylate
Concen: 10.437 ug/l
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

Tgt Ion:	55	Resp:	51503
Ion	Ratio	Lower	Upper
55	100		
85	18.5	14.8	22.2
58	8.9	7.1	10.7
42	8.8	7.0	10.6

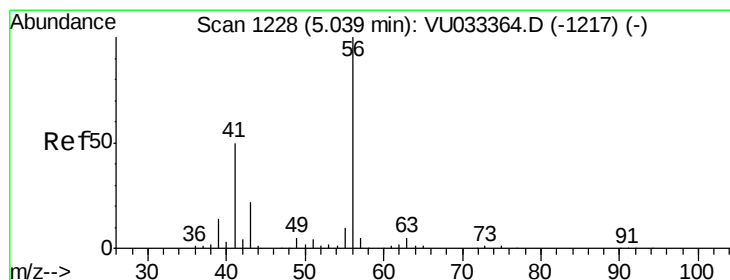
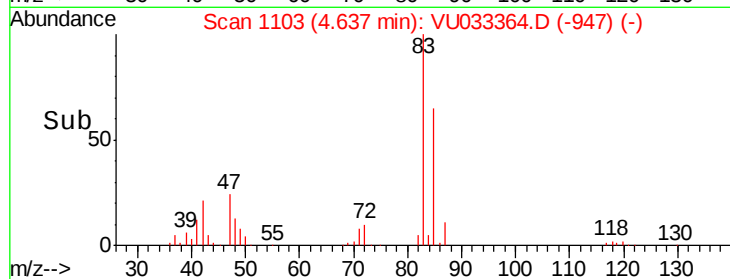
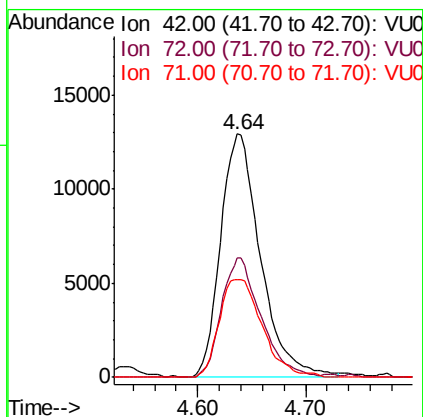
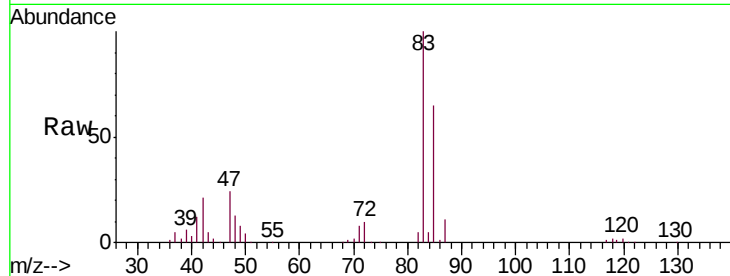




#41
Tetrahydrofuran
Concen: 16.236 ug/l
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

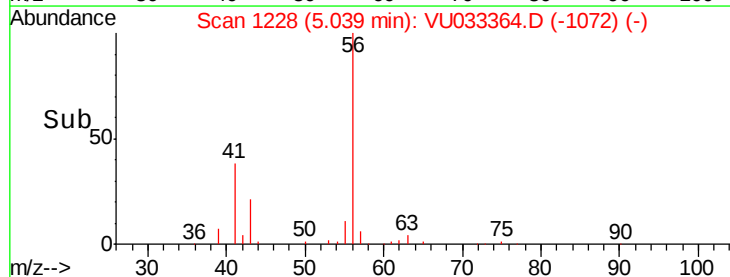
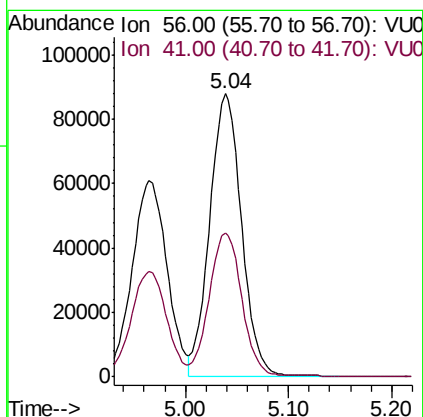
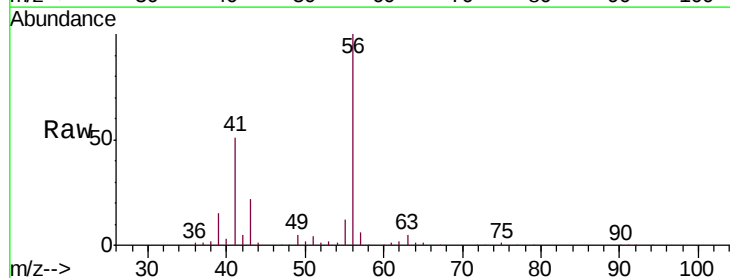
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

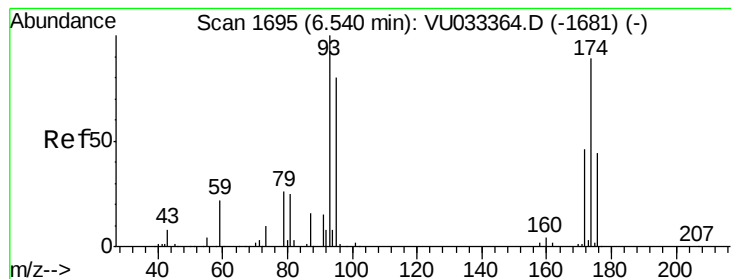
Tgt Ion: 42 Resp: 33345
Ion Ratio Lower Upper
42 100
72 48.4 38.7 58.1
71 43.3 34.6 52.0



#42
1-Chlorobutane
Concen: 8.971 ug/l
RT: 5.04 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

Tgt Ion: 56 Resp: 187440
Ion Ratio Lower Upper
56 100
41 51.4 25.7 77.1





#43

Dibromomethane

Concen: 9.797 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

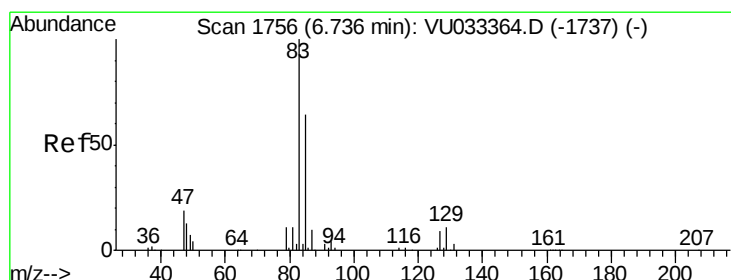
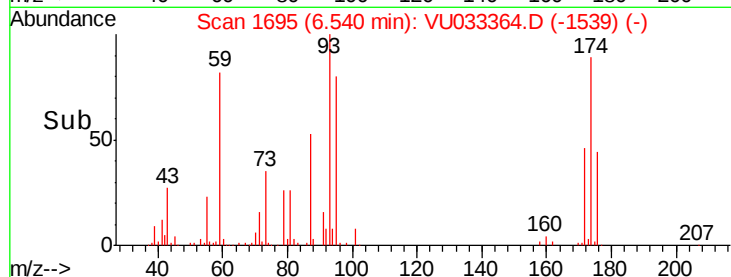
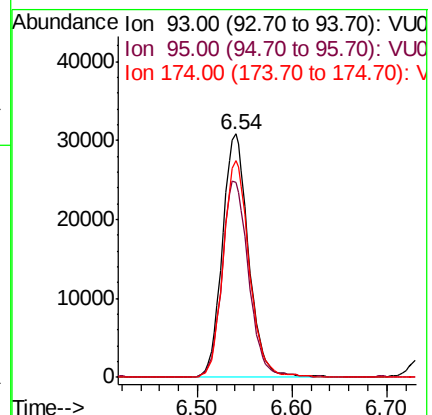
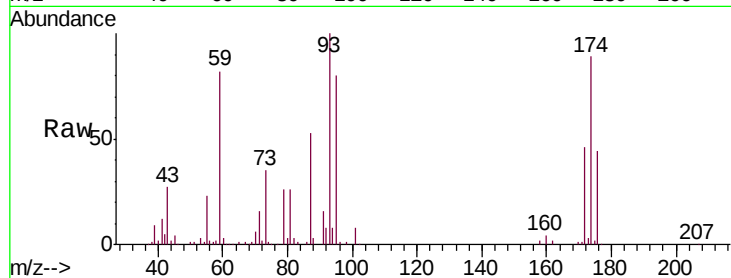
Tgt Ion: 93 Resp: 59249

Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

174 88.4 70.7 106.1



#44

Bromodichloromethane

Concen: 9.425 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

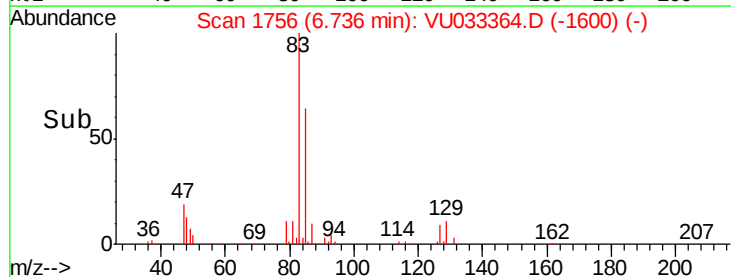
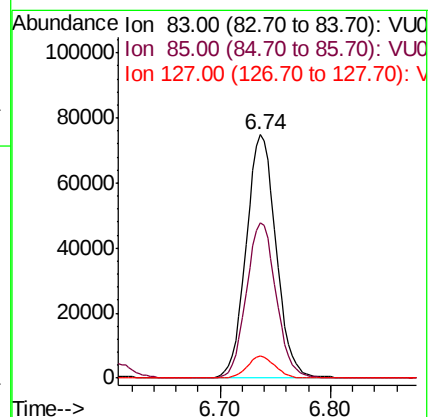
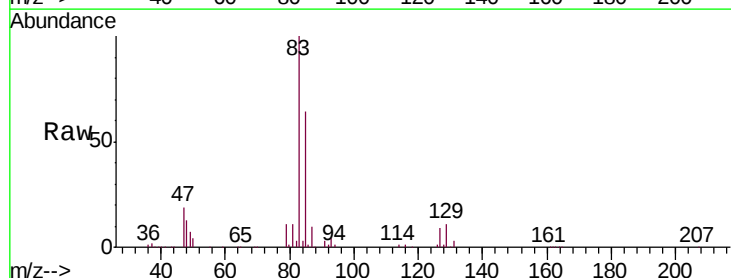
Tgt Ion: 83 Resp: 140414

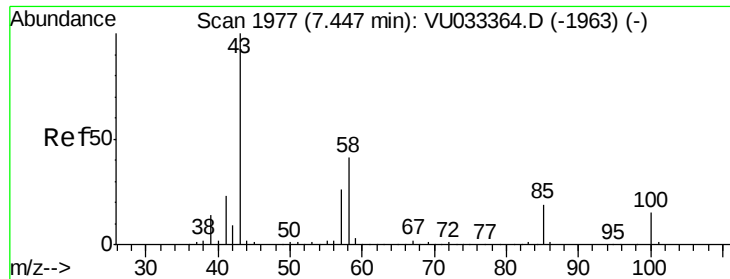
Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

127 9.0 7.2 10.8

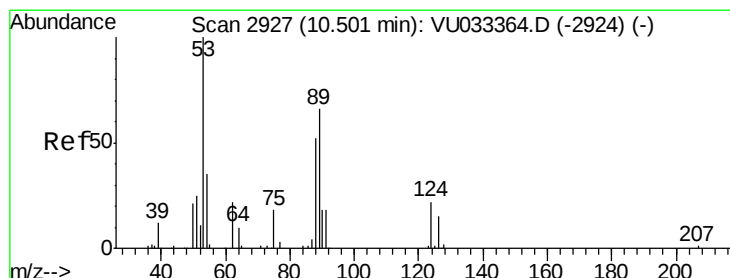
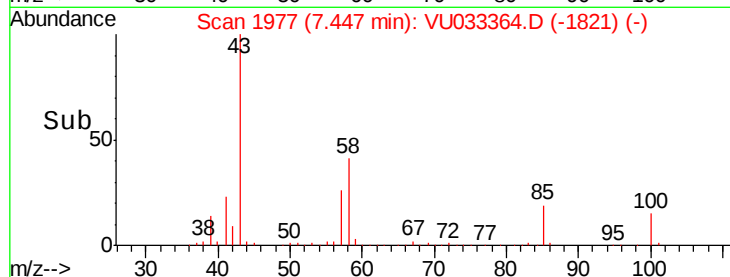
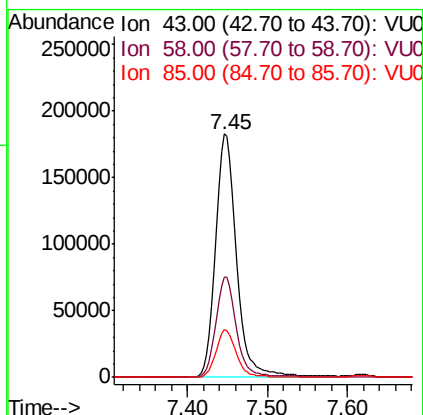
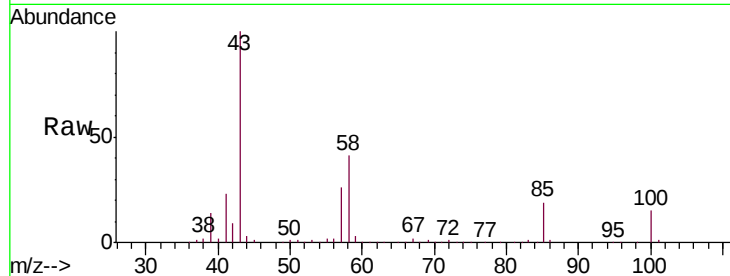




#45
 4-Methyl-2-Pentanone
 Concen: 47.876 ug/l
 RT: 7.45 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

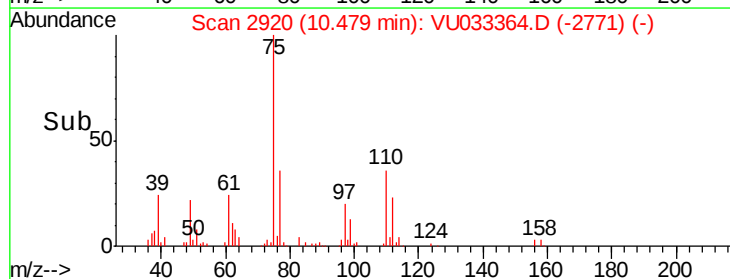
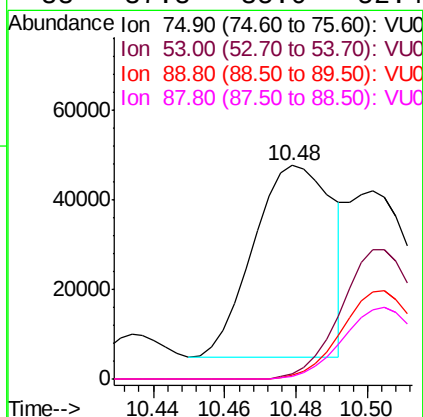
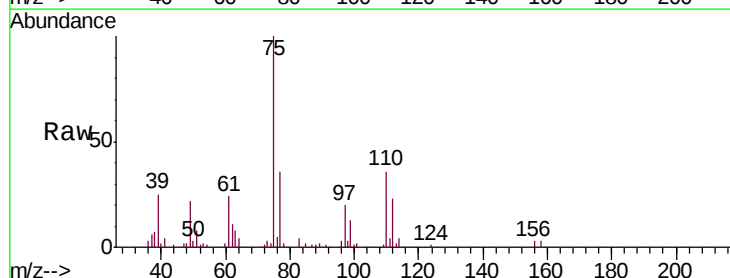
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

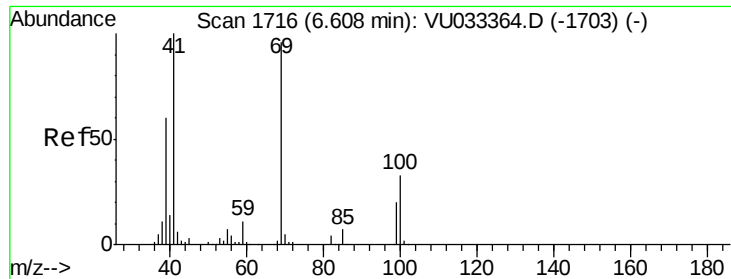
Tgt Ion: 43 Resp: 336571
 Ion Ratio Lower Upper
 43 100
 58 40.5 20.3 60.8
 85 18.8 15.0 22.6



#46
 t-1,4-Dichloro-2-butene
 Concen: 28.716 ug/l
 RT: 10.48 min Scan# 2920
 Delta R.T. -0.02 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion: 75 Resp: 65385
 Ion Ratio Lower Upper
 75 100
 53 67.8 62.9 94.3
 89 46.4 43.0 64.4
 88 37.8 35.0 52.4

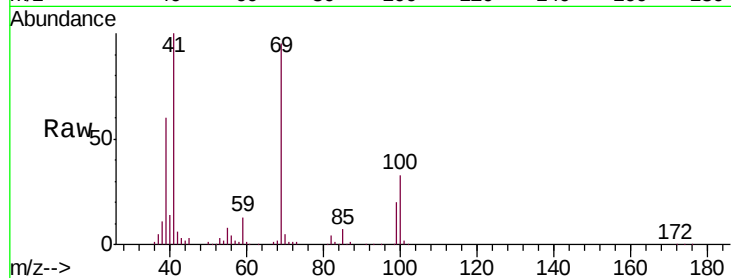




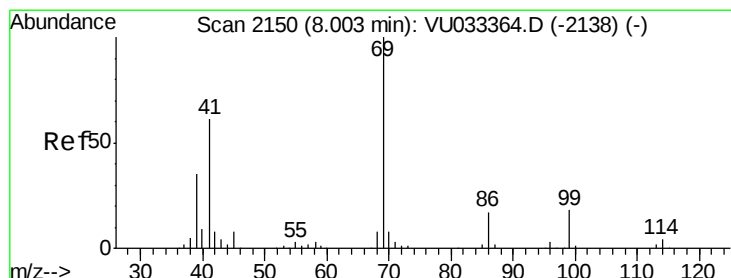
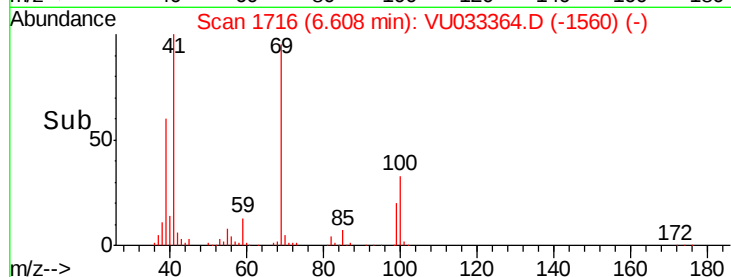
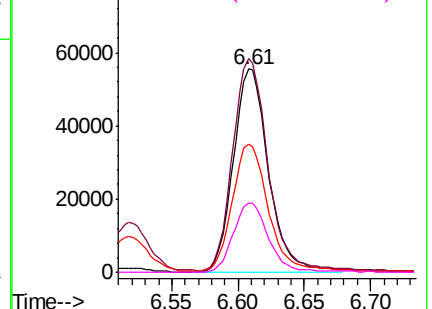
#47
Methyl methacrylate
Concen: 22.206 ug/l
RT: 6.61 min Scan# 1716
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 102630
Ion Ratio Lower Upper
69 100
41 104.1 0.0 208.2
39 63.2 50.6 75.8
100 34.0 27.2 40.8

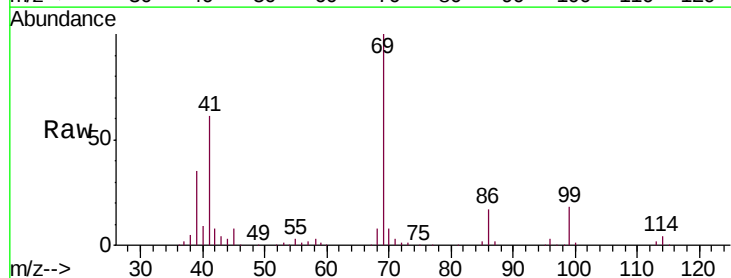


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

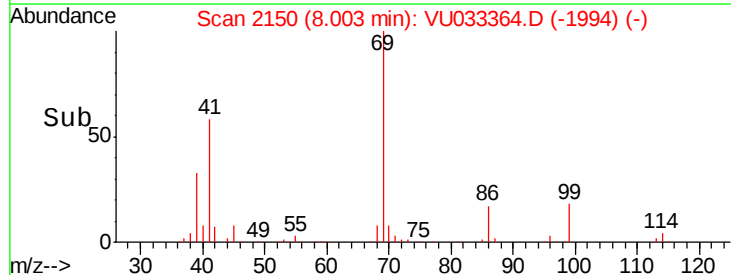
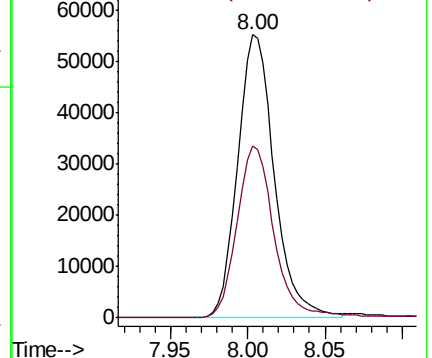


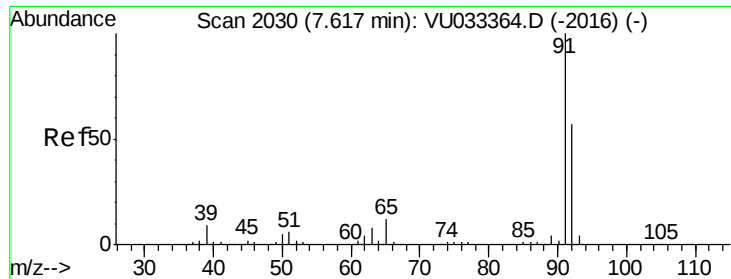
#48
Ethyl methacrylate
Concen: 11.297 ug/l
RT: 8.00 min Scan# 2150
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

Tgt Ion: 69 Resp: 90892
Ion Ratio Lower Upper
69 100
41 61.8 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: 10.888 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

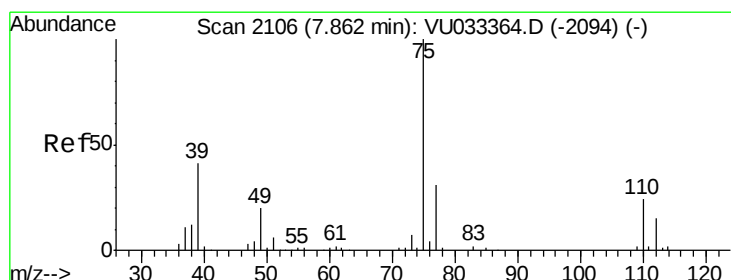
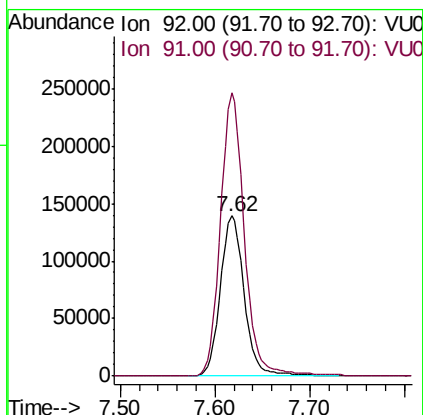
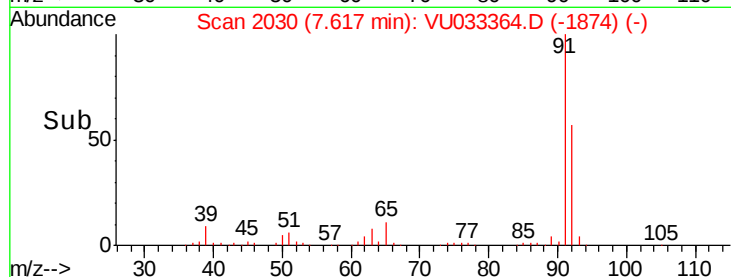
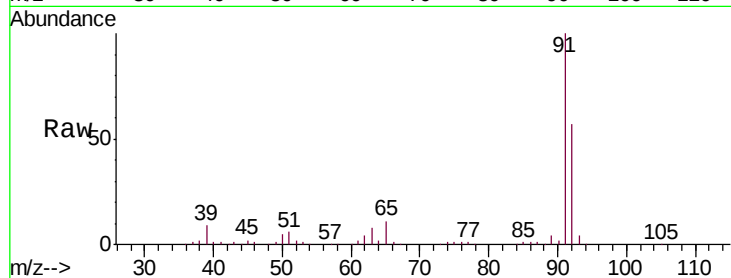
VSTDICCC010

Tgt Ion: 92 Resp: 245266

Ion Ratio Lower Upper

92 100

91 177.6 142.1 213.1



#50

t-1,3-Dichloropropene

Concen: 10.760 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU033364.D

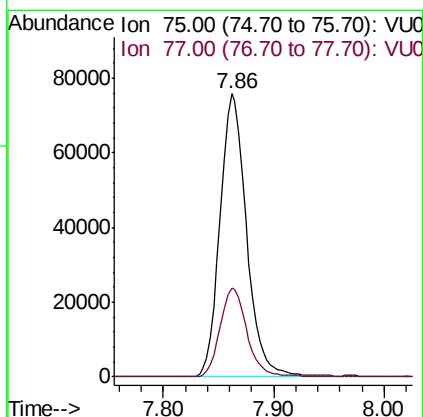
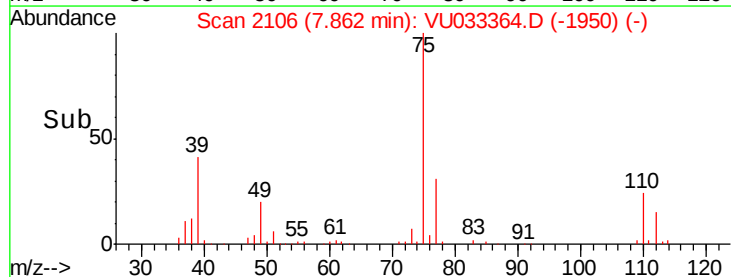
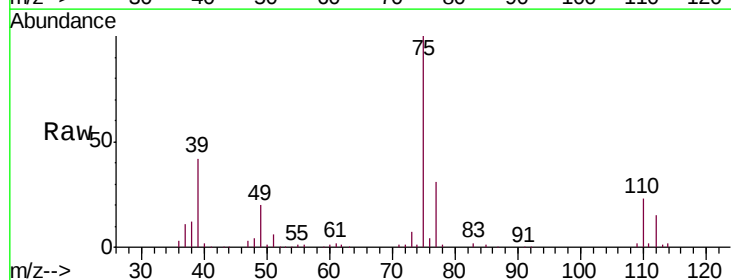
Acq: 22 Jul 2019 21:00

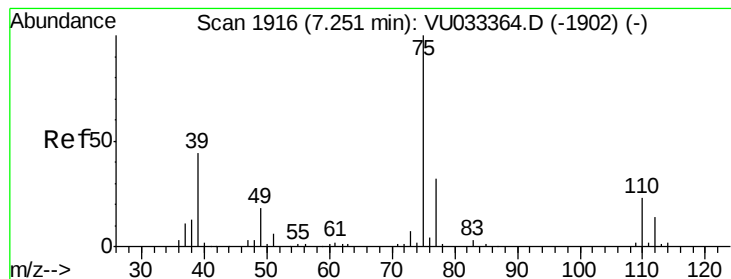
Tgt Ion: 75 Resp: 127015

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



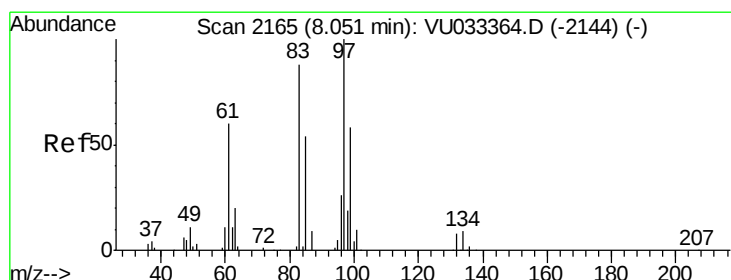
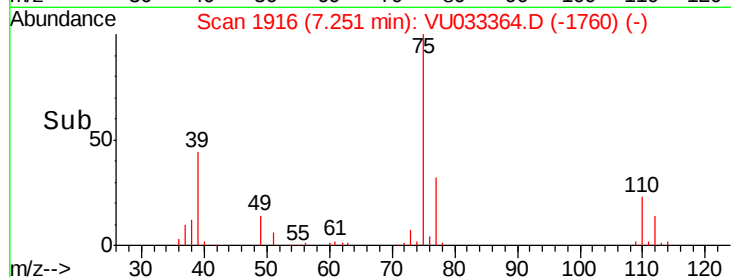
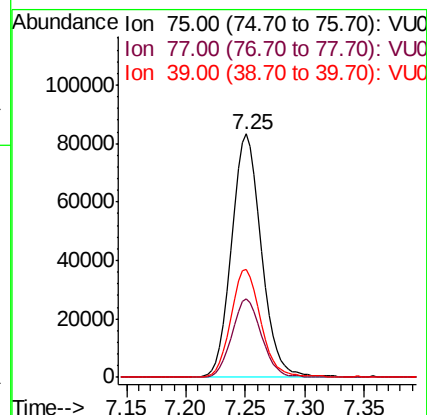
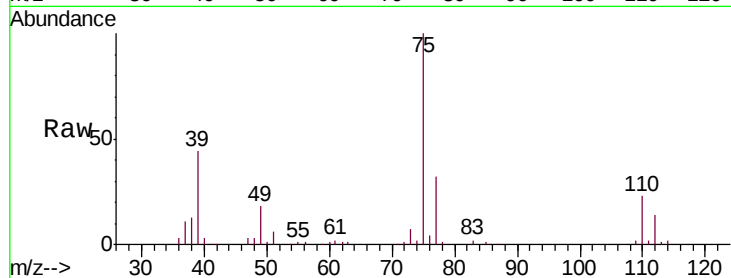


#51

cis-1,3-Dichloropropene
 Concen: 10.172 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

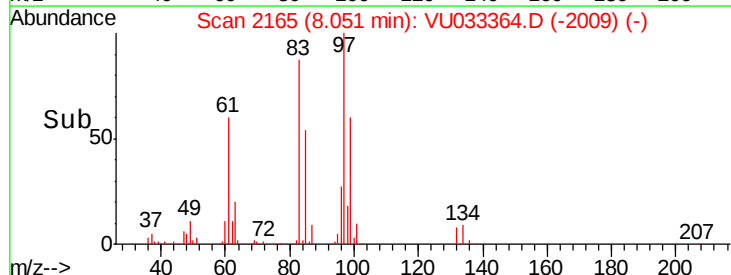
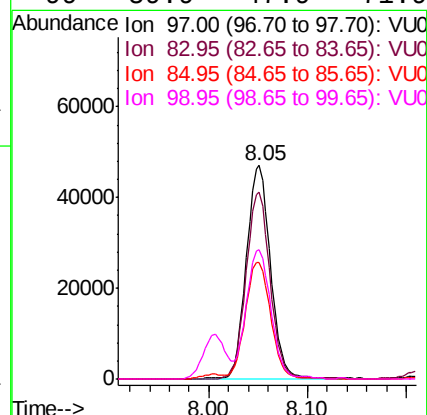
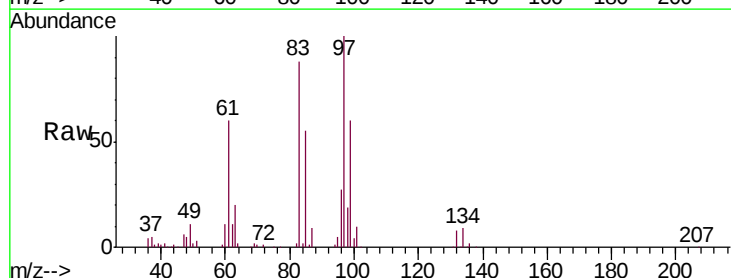
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8
39	44.0	35.2	52.8

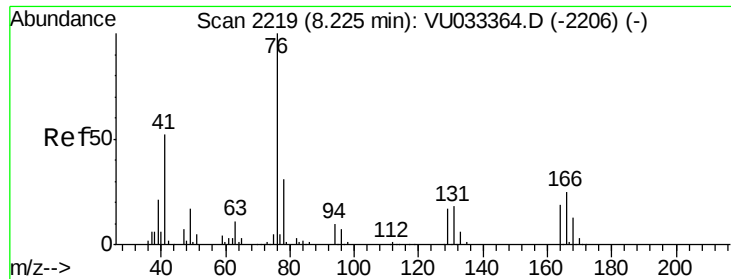


#52

1,1,2-Trichloroethane
 Concen: 10.048 ug/l
 RT: 8.05 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.2	105.2
85	54.4	43.5	65.3
99	59.9	47.9	71.9

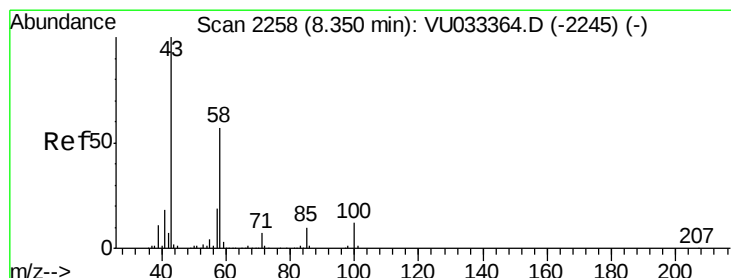
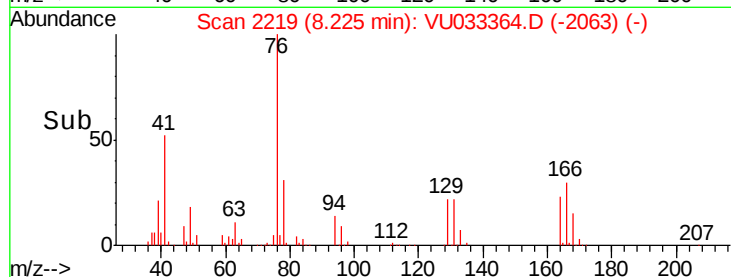
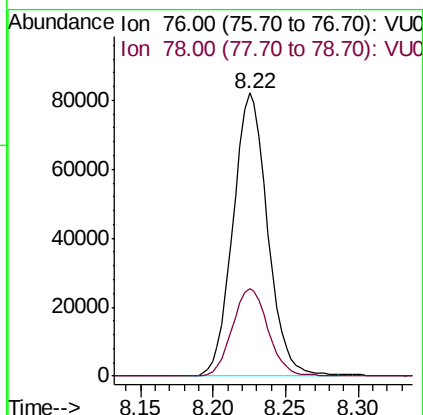
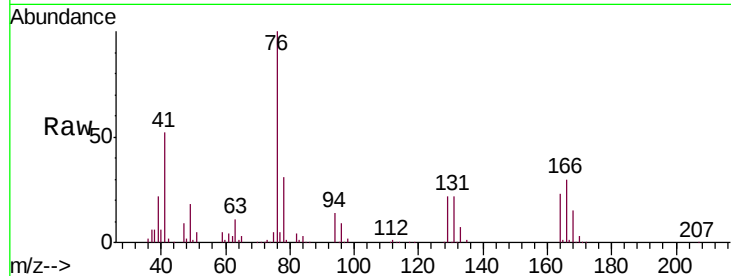




#53
 1,3-Dichloropropane
 Concen: 9.904 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

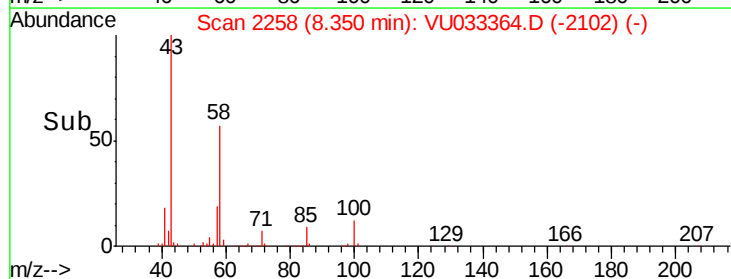
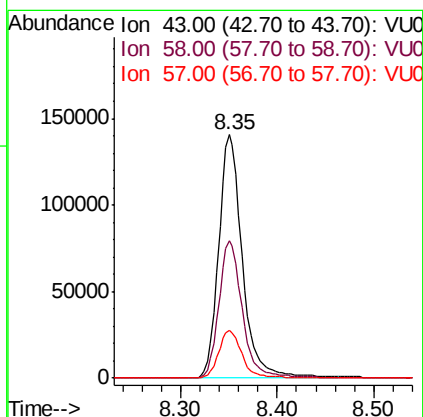
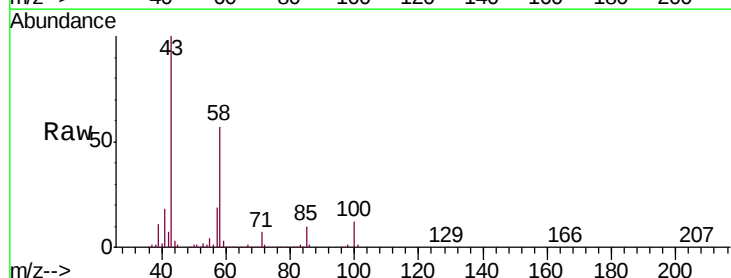
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

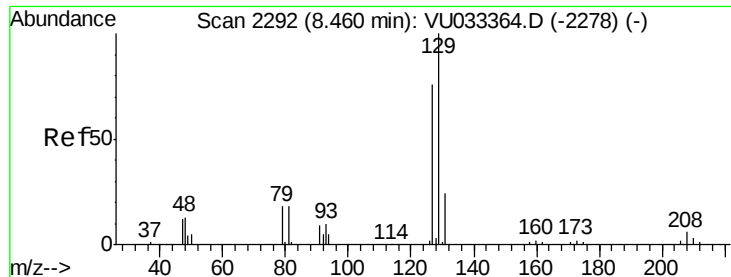
Tgt Ion: 76 Resp: 136093
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#54
 2-Hexanone
 Concen: 50.239 ug/l
 RT: 8.35 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion: 43 Resp: 239271
 Ion Ratio Lower Upper
 43 100
 58 56.0 36.0 76.0
 57 19.4 0.0 39.4

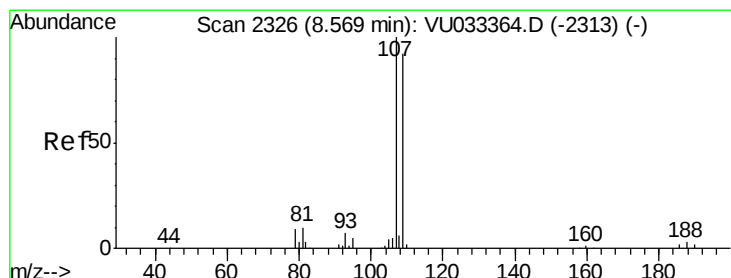
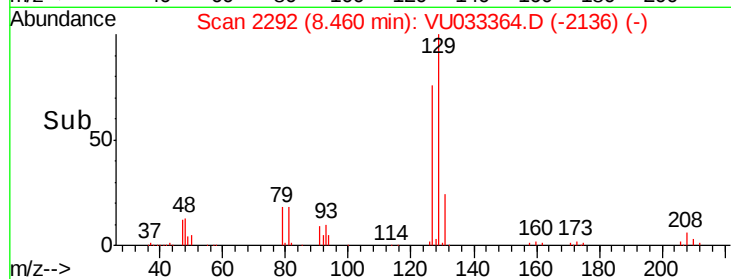
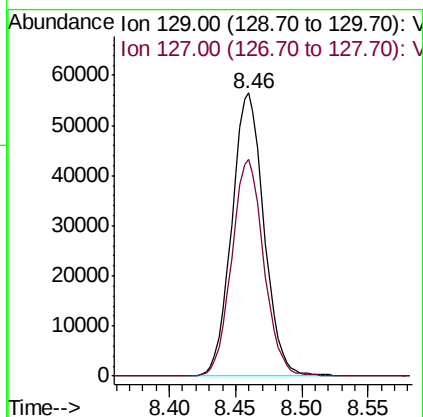
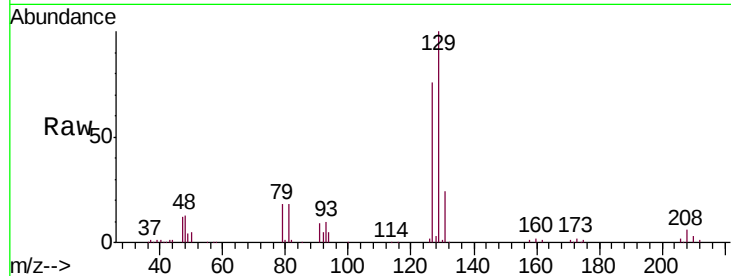




#55
 Dibromochloromethane
 Concen: 10.632 ug/l
 RT: 8.46 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

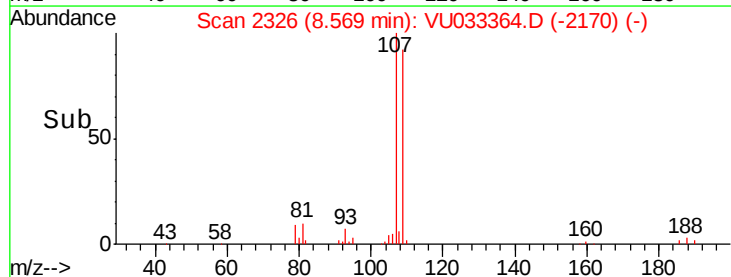
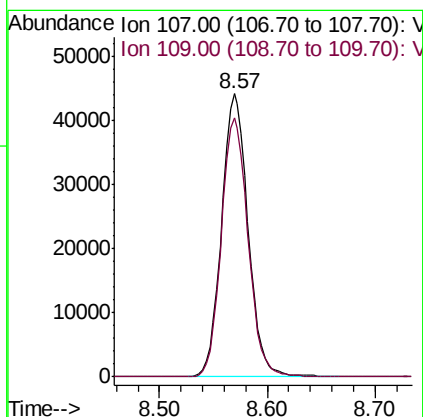
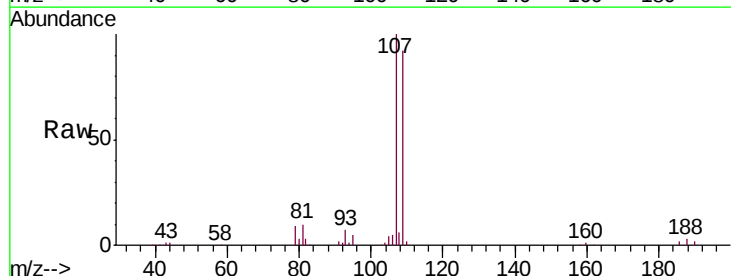
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

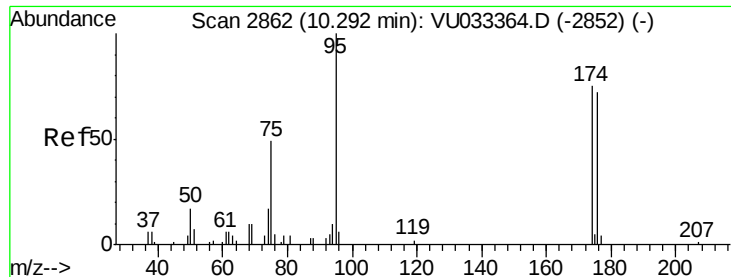
Tgt Ion:129 Resp: 95429
 Ion Ratio Lower Upper
 129 100
 127 76.1 60.9 91.3



#56
 1,2-Dibromoethane
 Concen: 10.605 ug/l
 RT: 8.57 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion:107 Resp: 75455
 Ion Ratio Lower Upper
 107 100
 109 92.4 0.0 184.8

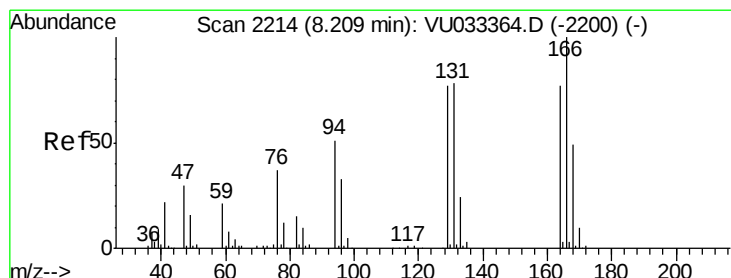
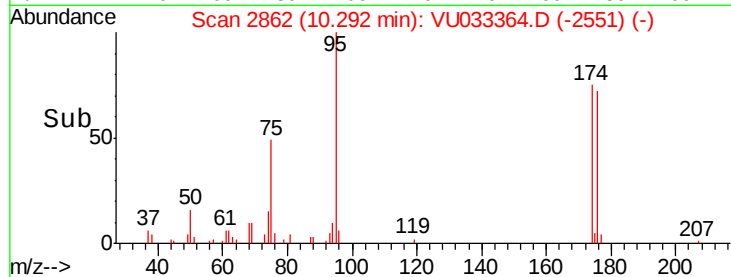
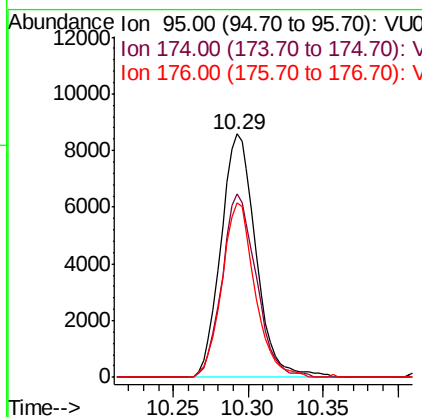
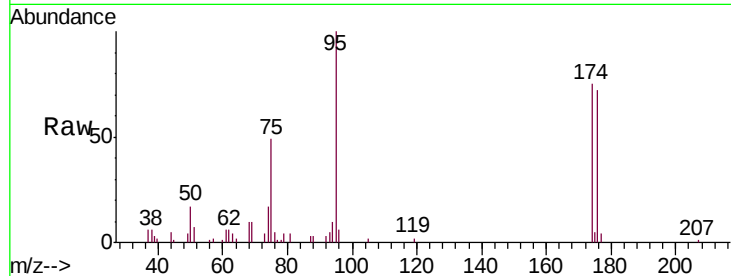




#57
4-Bromofluorobenzene
Concen: 1.166 ug/l
RT: 10.29 min Scan# 2862
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

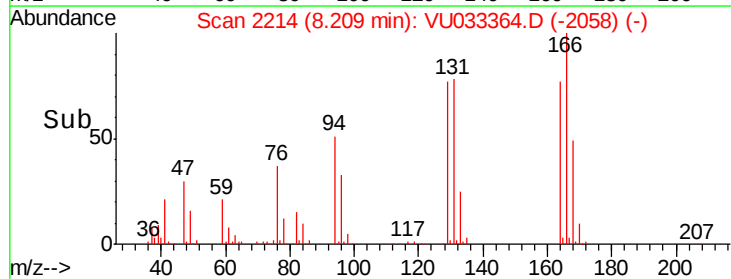
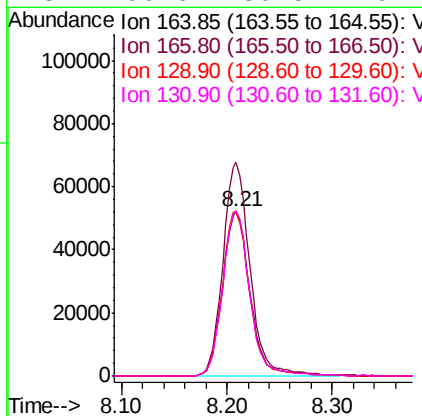
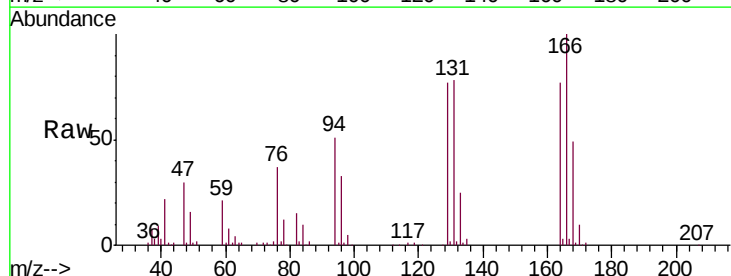
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

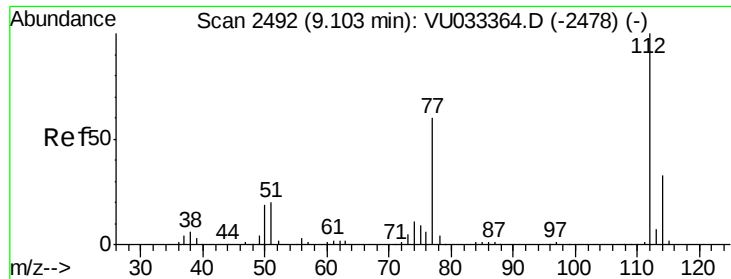
Tgt Ion: 95 Resp: 13967
Ion Ratio Lower Upper
95 100
174 73.5 58.8 88.2
176 68.0 54.4 81.6



#58
Tetrachloroethene
Concen: 9.287 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

Tgt Ion: 164 Resp: 94498
Ion Ratio Lower Upper
164 100
166 129.7 103.8 155.6
129 99.6 79.7 119.5
131 100.6 80.5 120.7





#59

Chlorobenzene

Concen: 11.172 ug/l

RT: 9.10 min Scan# 2492

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

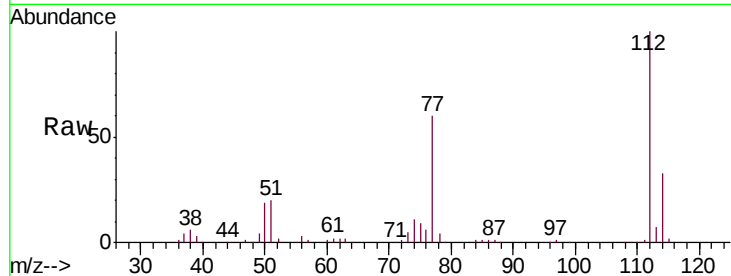
VSTDICCC010

Tgt Ion:112 Resp: 268098

Ion Ratio Lower Upper

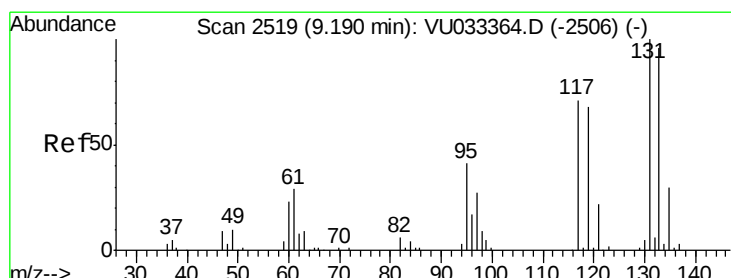
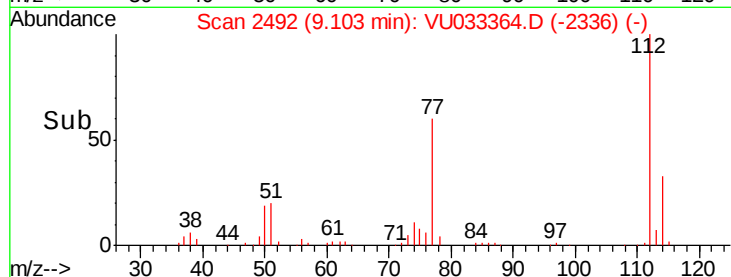
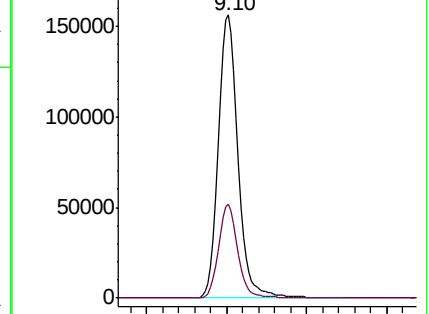
112 100

114 33.0 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 10.282 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

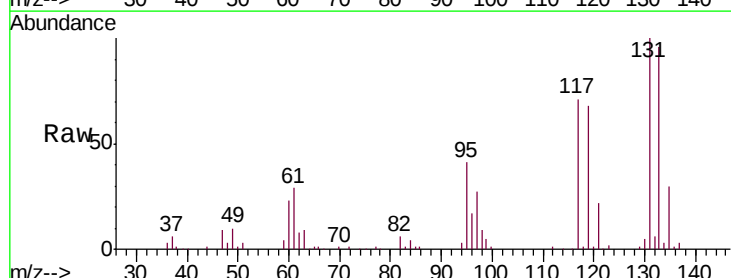
Tgt Ion:131 Resp: 95606

Ion Ratio Lower Upper

131 100

133 95.3 76.2 114.4

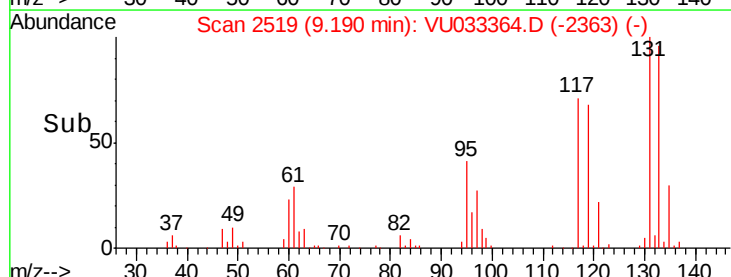
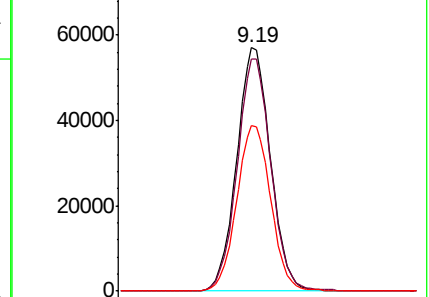
119 68.6 54.9 82.3

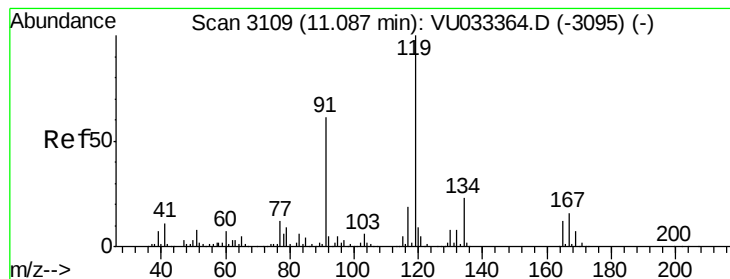


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 11.399 ug/l

RT: 11.09 min Scan# 3109

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

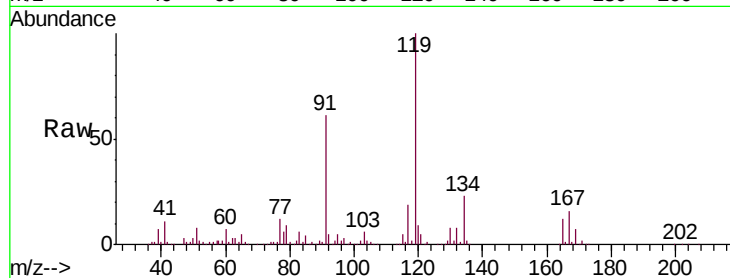
VSTDICCC010

Tgt Ion:117 Resp: 77475

Ion Ratio Lower Upper

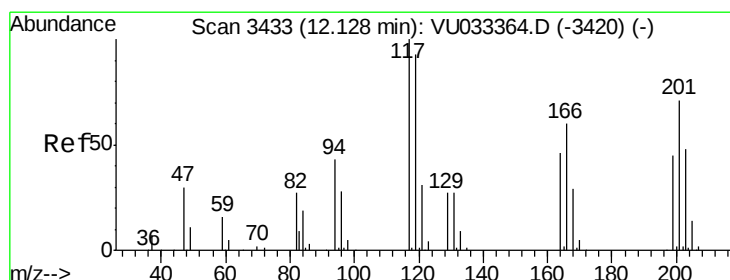
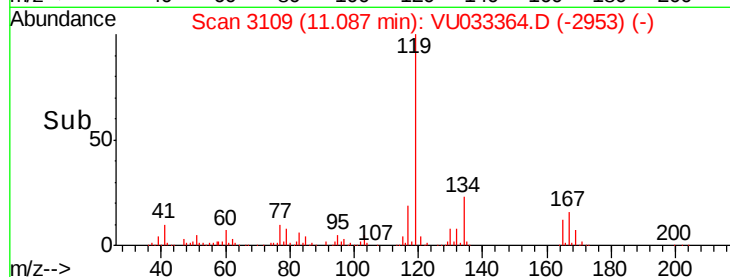
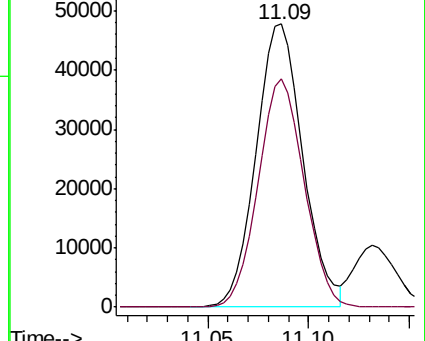
117 100

167 79.2 63.4 95.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 11.674 ug/l

RT: 12.13 min Scan# 3433

Delta R.T. 0.00 min

Lab File: VU033364.D

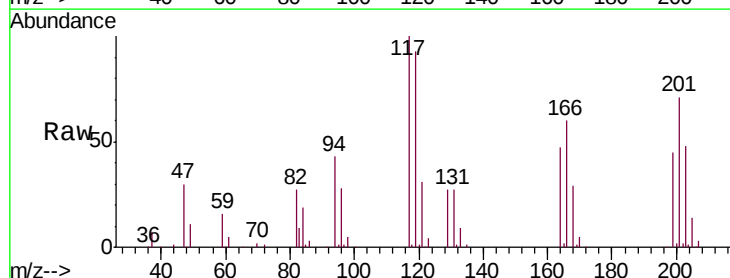
Acq: 22 Jul 2019 21:00

Tgt Ion:117 Resp: 77520

Ion Ratio Lower Upper

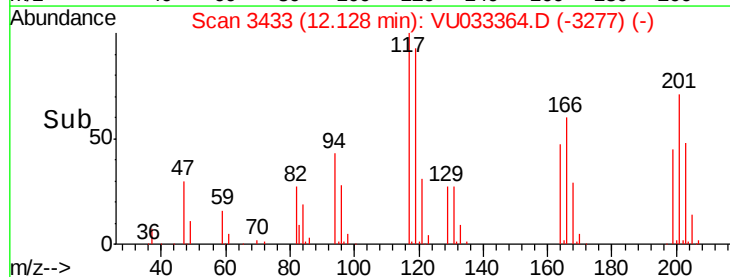
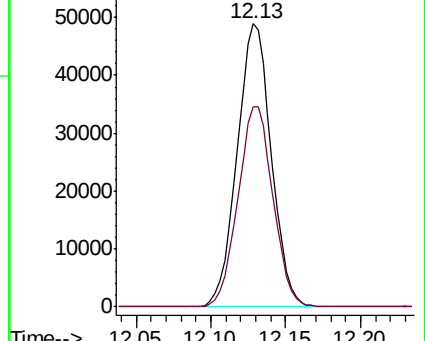
117 100

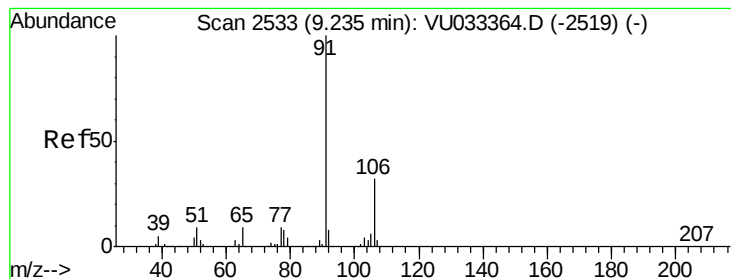
201 72.4 57.9 86.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 11.904 ug/l

RT: 9.23 min Scan# 2533

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

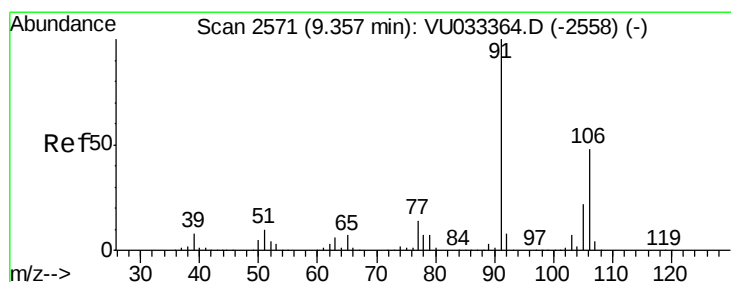
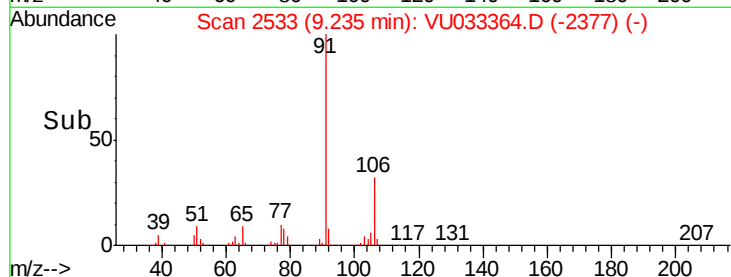
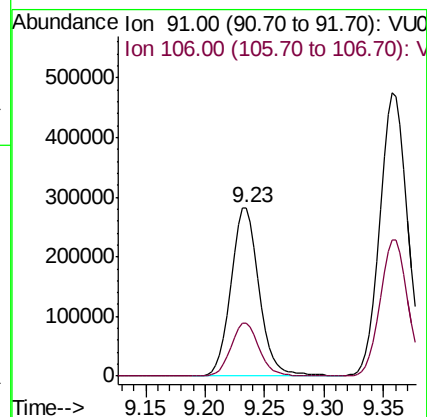
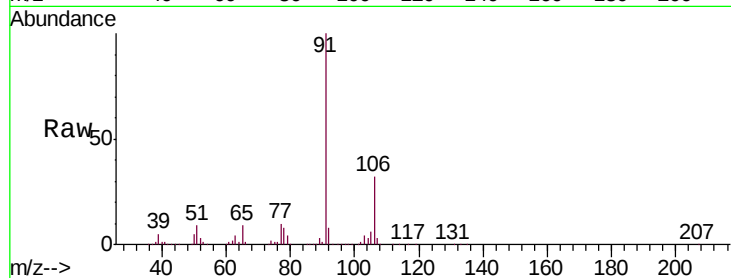
VSTDICCC010

Tgt Ion: 91 Resp: 464963

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.2



#64

m/p-Xylenes

Concen: 25.237 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU033364.D

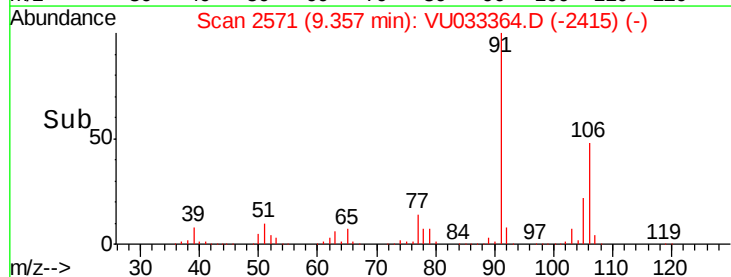
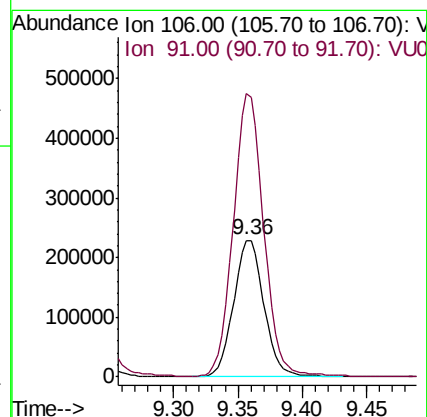
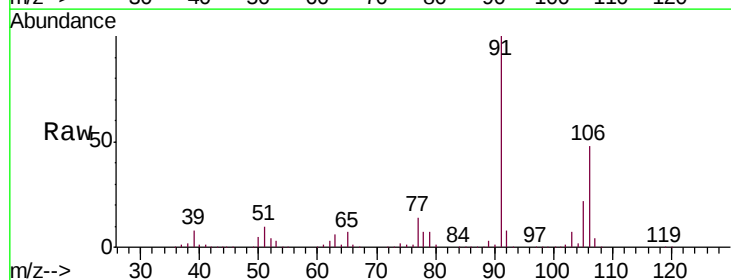
Acq: 22 Jul 2019 21:00

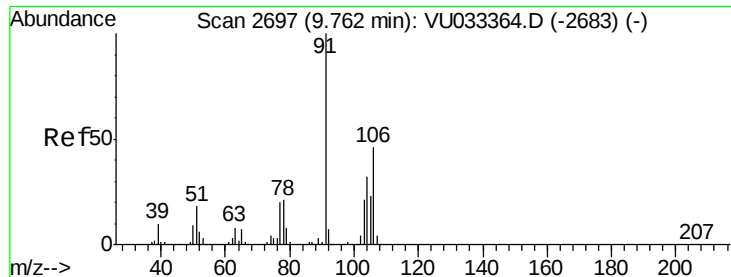
Tgt Ion: 106 Resp: 372116

Ion Ratio Lower Upper

106 100

91 208.9 167.1 250.7





#65

o-Xylene

Concen: 12.287 ug/l

RT: 9.76 min Scan# 2697

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

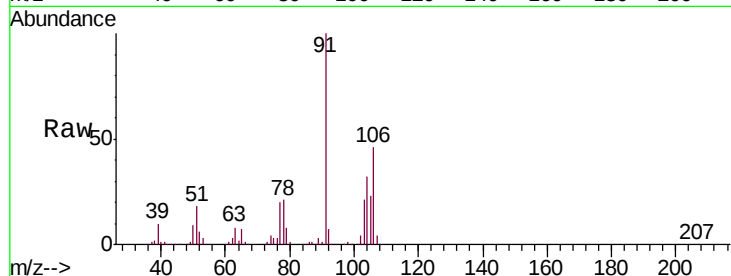
VSTDICCC010

Tgt Ion:106 Resp: 176520

Ion Ratio Lower Upper

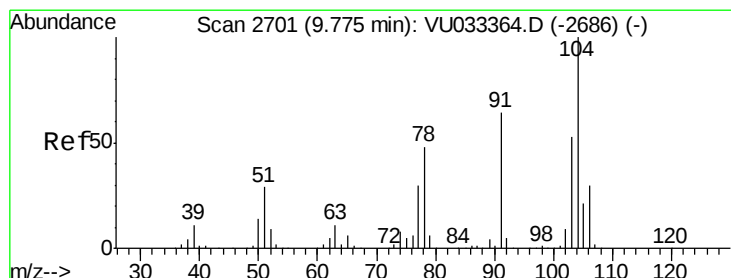
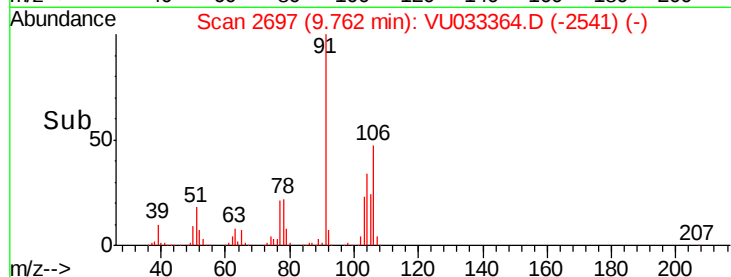
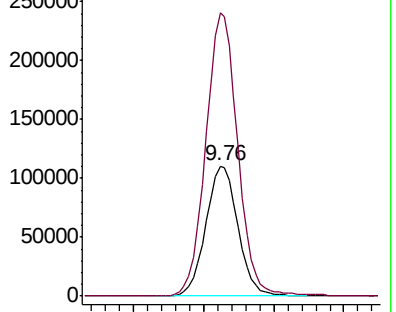
106 100

91 216.9 108.5 325.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 13.096 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

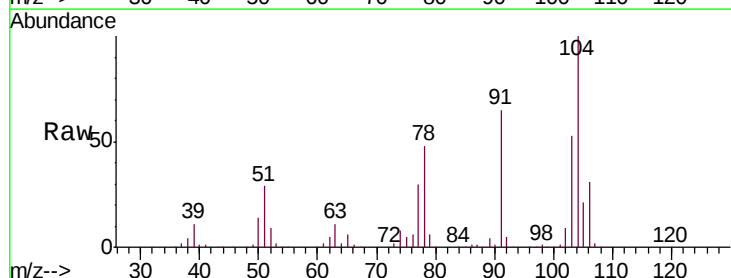
Tgt Ion:104 Resp: 312722

Ion Ratio Lower Upper

104 100

78 51.5 41.2 61.8

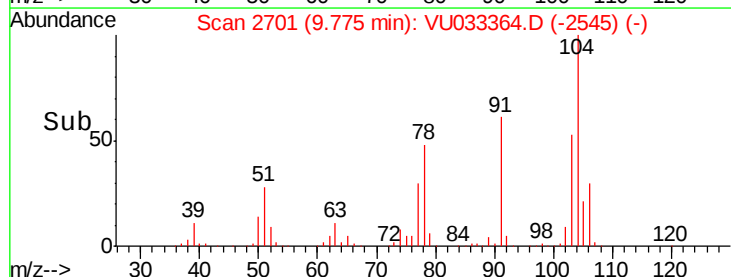
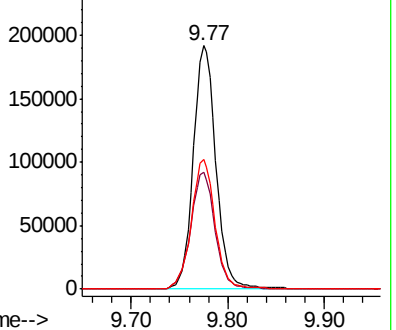
103 55.9 44.7 67.1

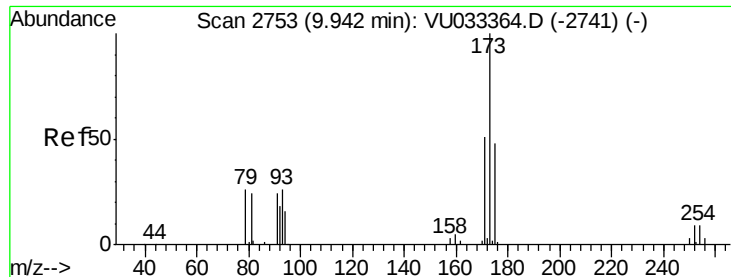


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

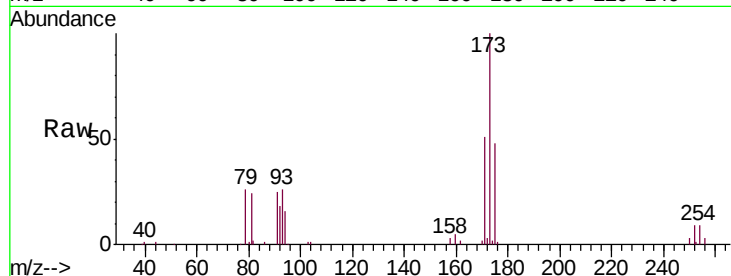




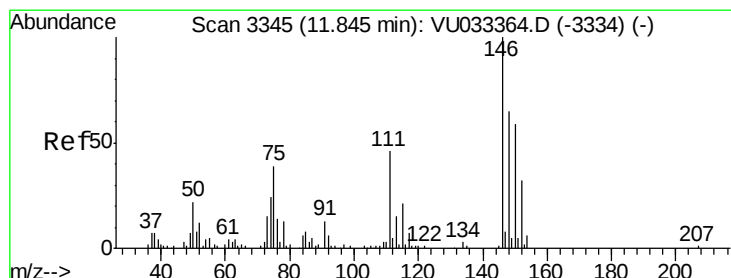
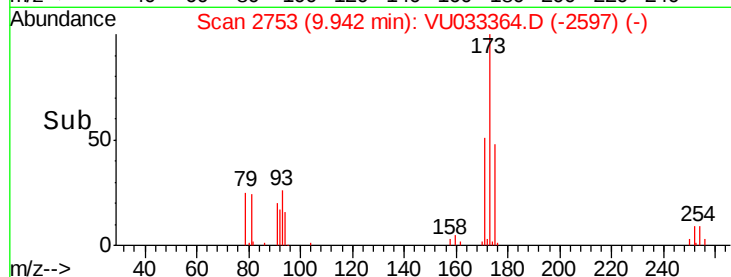
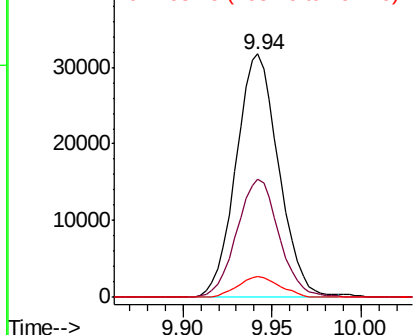
#67
Bromoform
Concen: 10.548 ug/l
RT: 9.94 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 52890
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
254 8.5 6.8 10.2

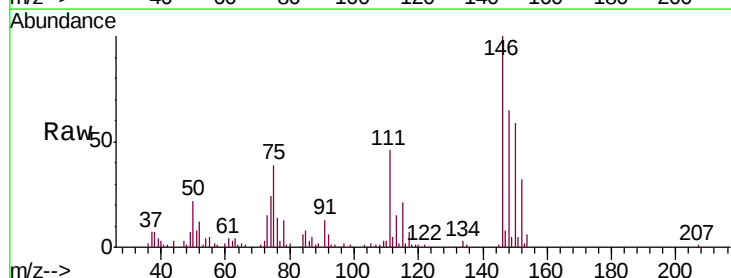


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

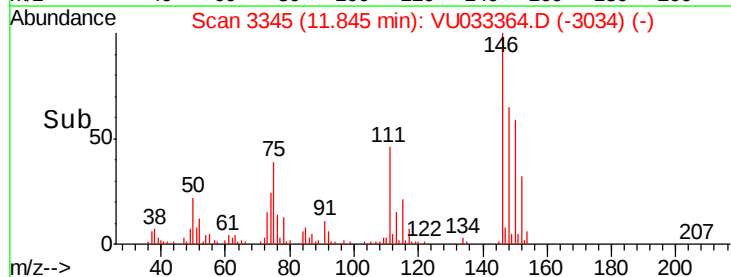
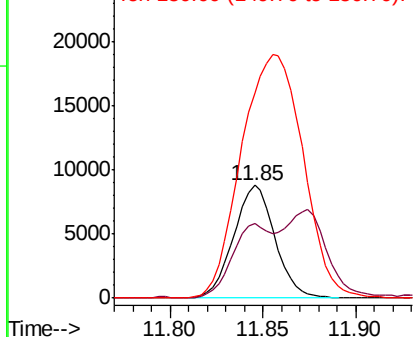


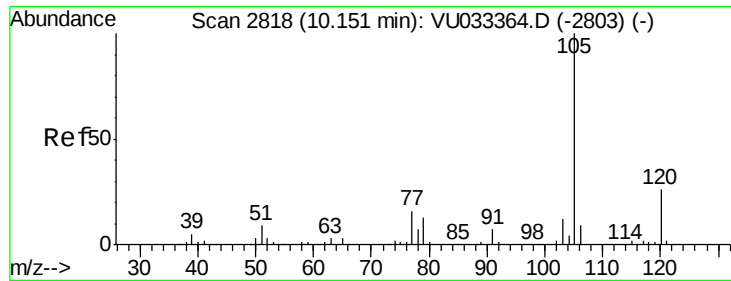
#68
1,2-Dichlorobenzene-d4
Concen: 1.199 ug/l
RT: 11.85 min Scan# 3345
Delta R.T. 0.00 min
Lab File: VU033364.D
Acq: 22 Jul 2019 21:00

Tgt Ion:152 Resp: 13574
Ion Ratio Lower Upper
152 100
115 61.6 0.0 123.2
150 324.2 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: 12.178 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

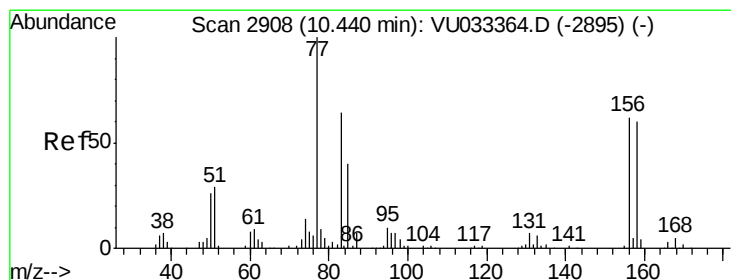
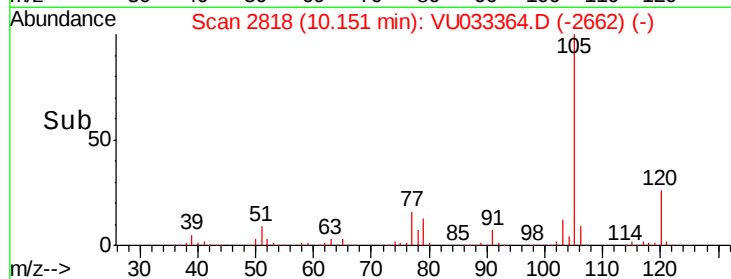
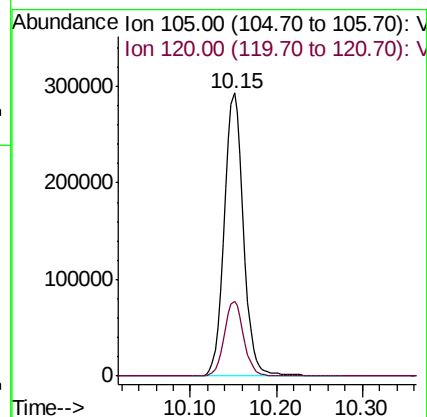
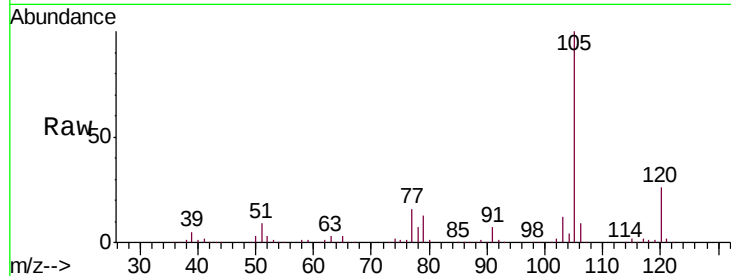
VSTDICCC010

Tgt Ion:105 Resp: 455901

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#70

1,1,2,2-Tetrachloroethane

Concen: 10.254 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

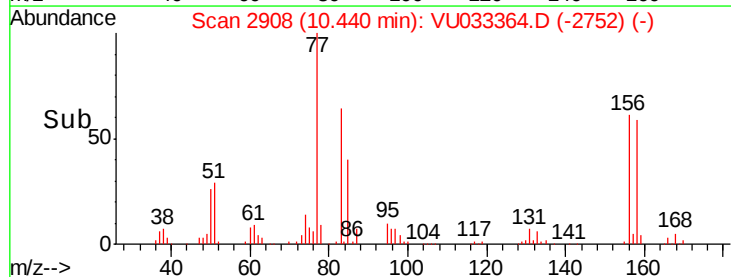
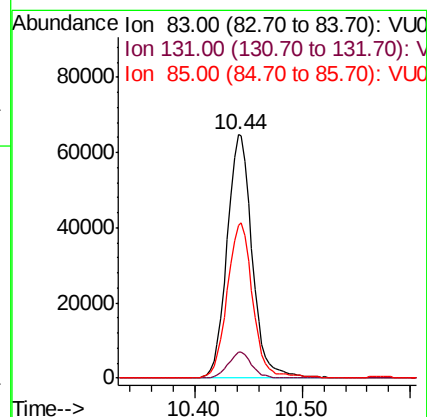
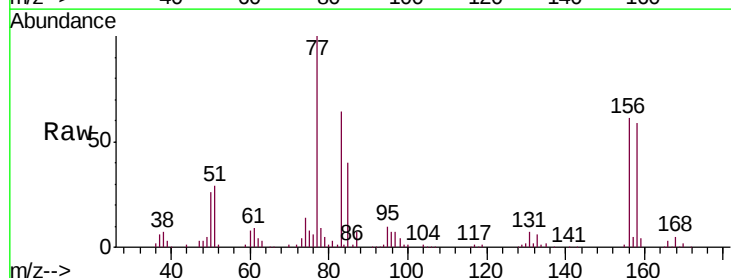
Tgt Ion: 83 Resp: 105060

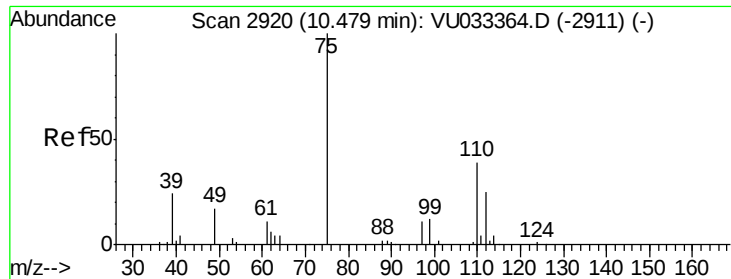
Ion Ratio Lower Upper

83 100

131 10.0 8.0 12.0

85 64.8 51.8 77.8

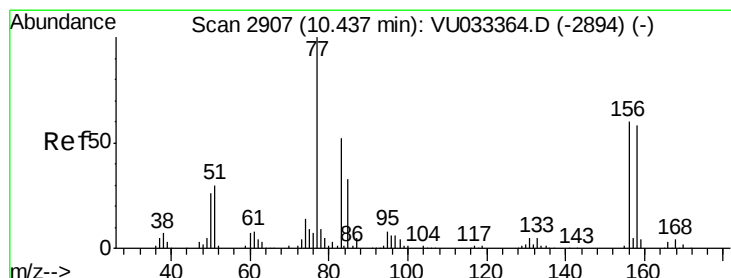
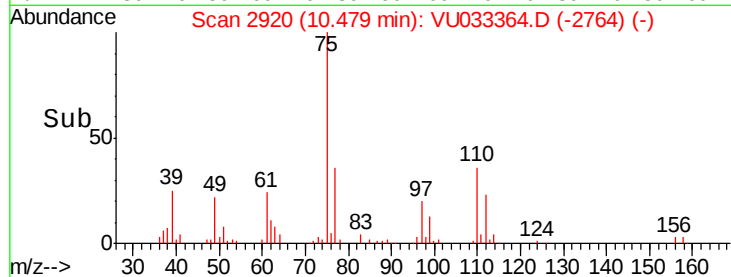
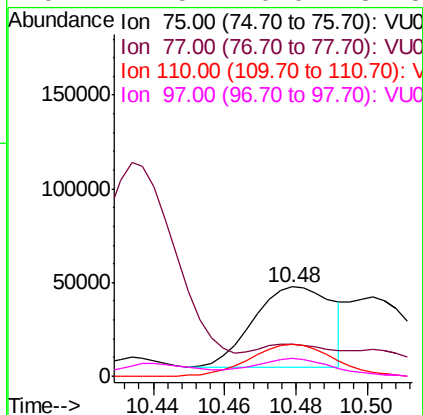
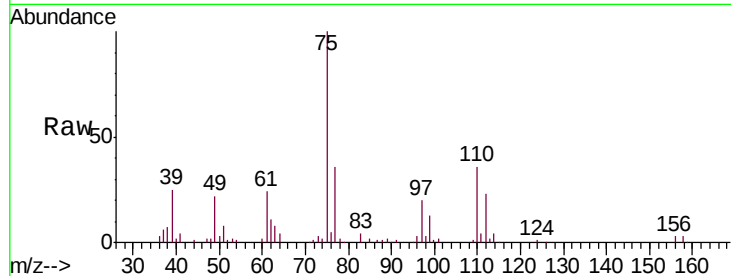




#71
 1,2,3-Trichloropropane
 Concen: 8.742 ug/l
 RT: 10.48 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

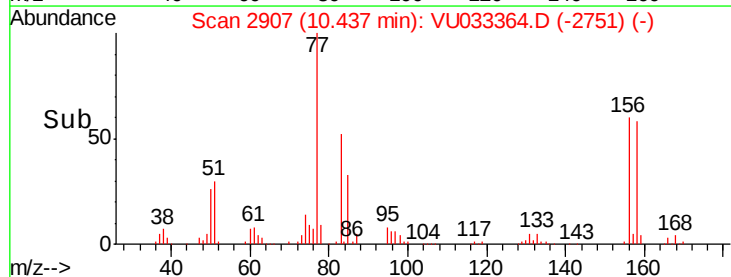
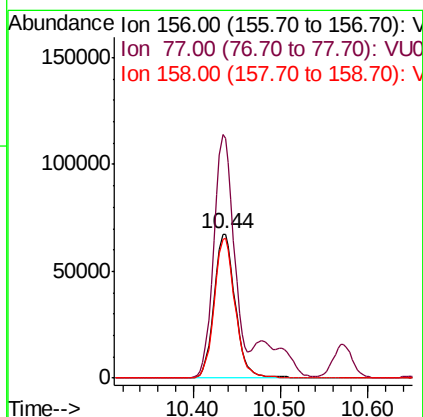
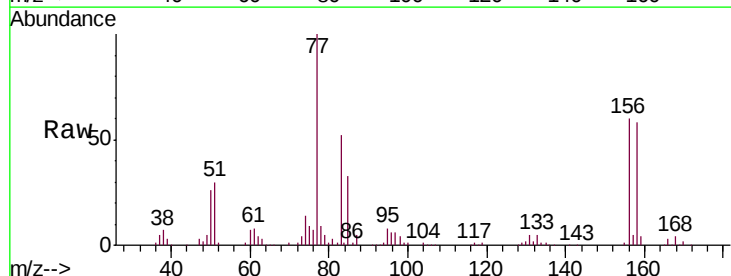
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

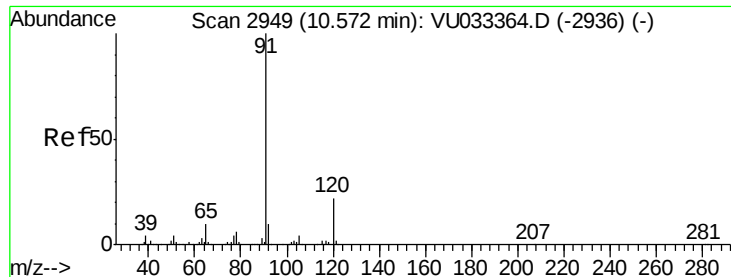
Tgt Ion:	75	Resp:	65385
Ion	Ratio	Lower	Upper
75	100		
77	10.9	0.0	18.2
110	42.5	0.0	71.4
97	22.5	0.0	37.8



#72
 Bromobenzene
 Concen: 11.841 ug/l
 RT: 10.44 min Scan# 2907
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion:	156	Resp:	113146
Ion	Ratio	Lower	Upper
156	100		
77	162.2	0.0	324.4
158	96.2	0.0	192.4





#73

n-propylbenzene

Concen: 13.495 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

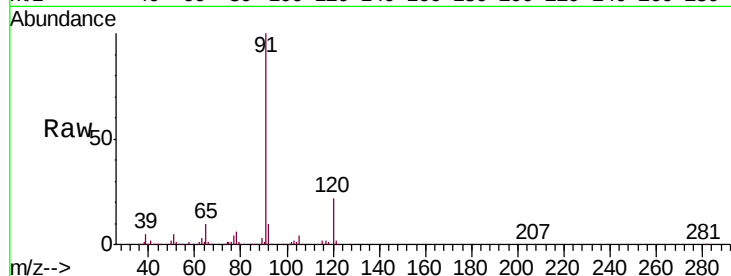
VSTDICCC010

Tgt Ion:120 Resp: 132784

Ion Ratio Lower Upper

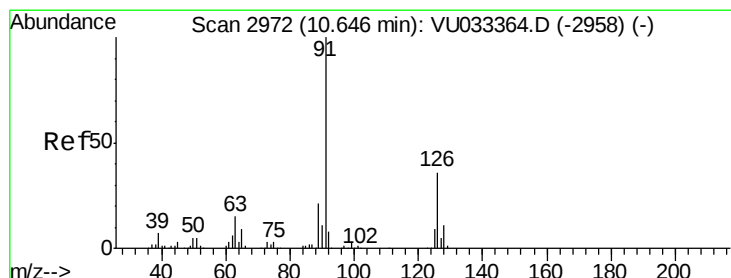
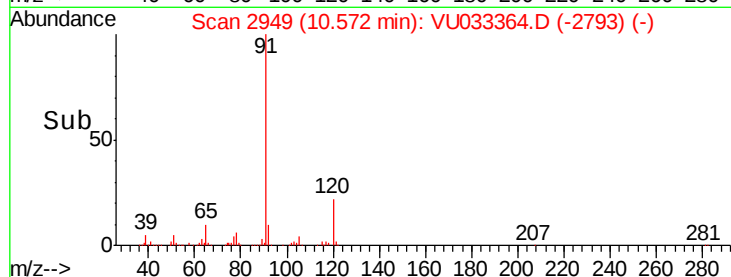
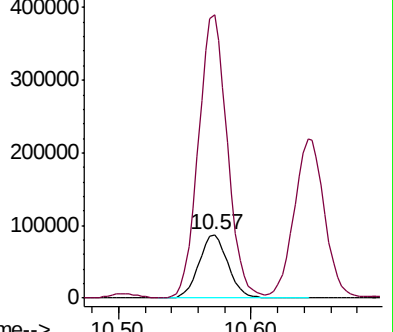
120 100

91 443.9 355.1 532.7



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 12.517 ug/l

RT: 10.65 min Scan# 2972

Delta R.T. 0.00 min

Lab File: VU033364.D

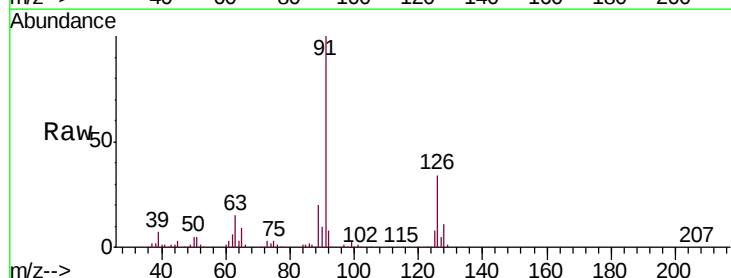
Acq: 22 Jul 2019 21:00

Tgt Ion:126 Resp: 116863

Ion Ratio Lower Upper

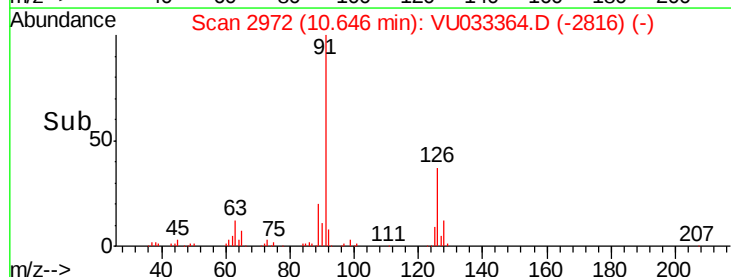
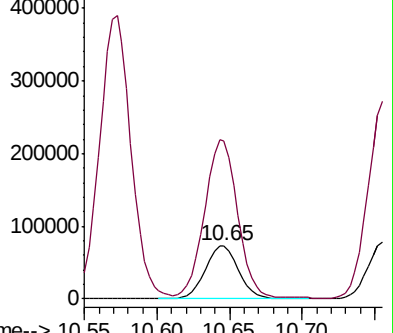
126 100

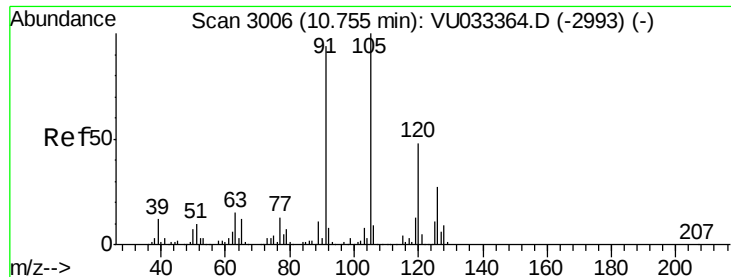
91 299.0 0.0 598.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 13.133 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

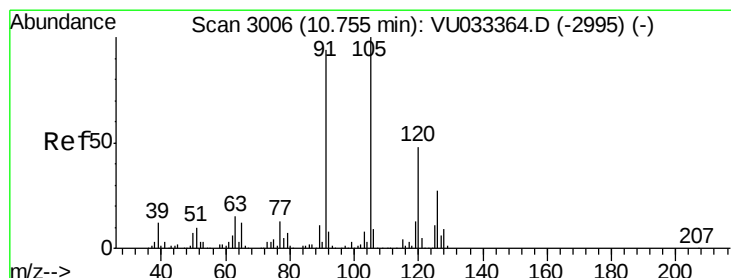
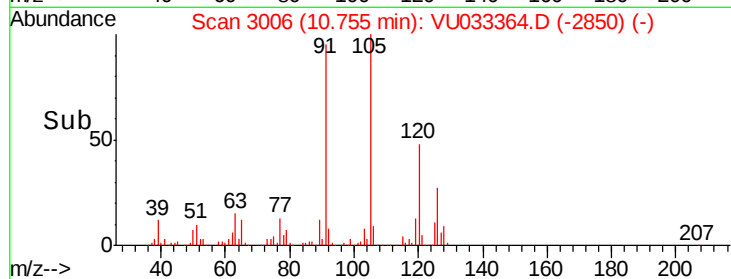
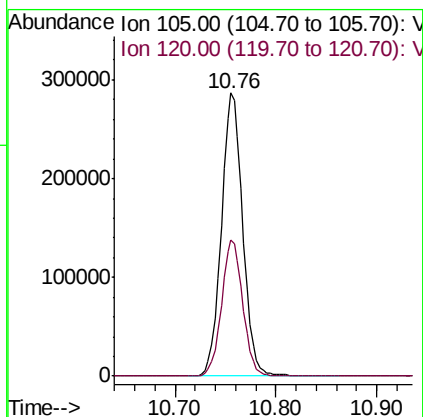
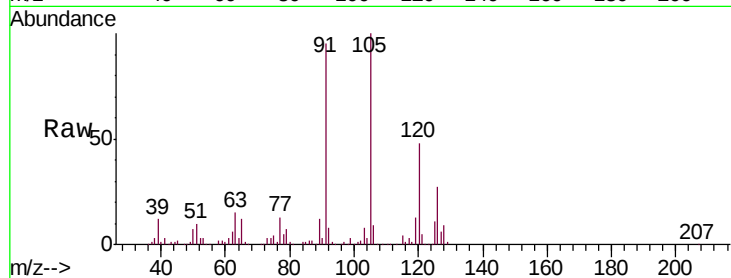
VSTDICCC010

Tgt Ion:105 Resp: 422819

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.4



#76

4-Chlorotoluene

Concen: 13.297 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU033364.D

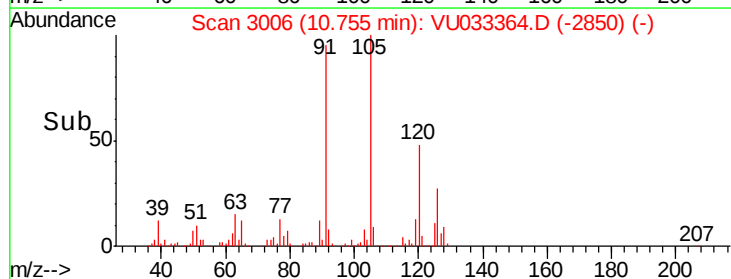
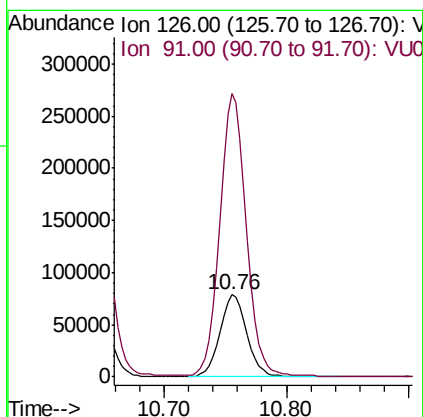
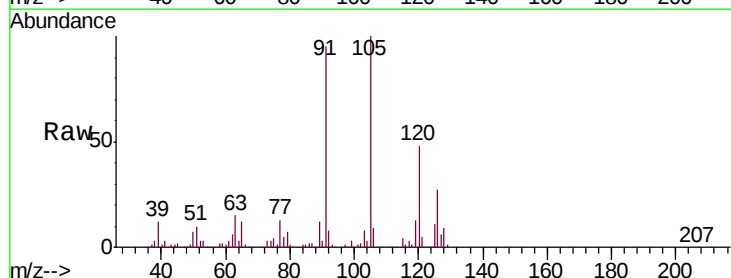
Acq: 22 Jul 2019 21:00

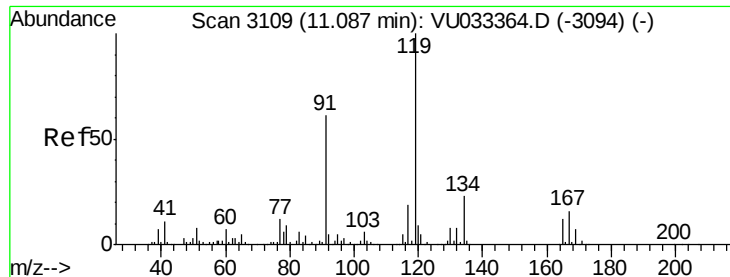
Tgt Ion:126 Resp: 122072

Ion Ratio Lower Upper

126 100

91 340.5 0.0 681.0

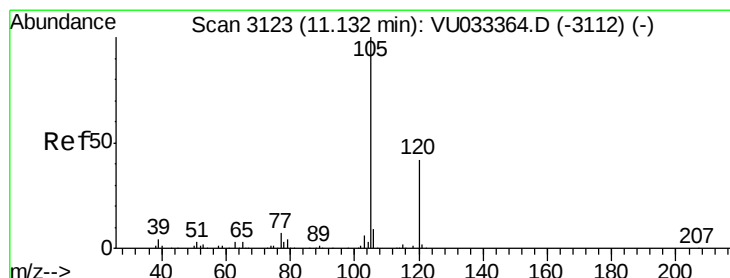
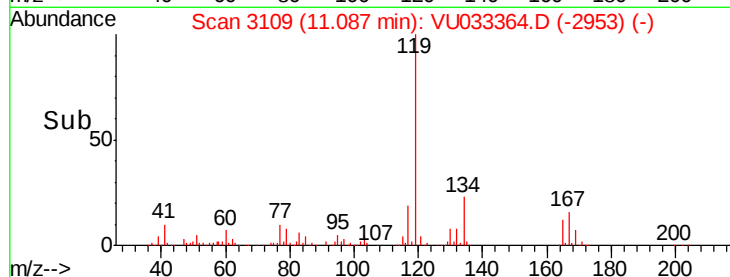
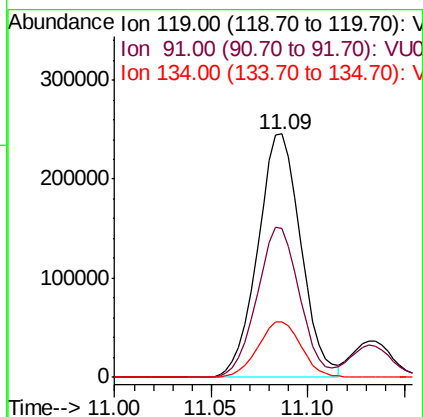
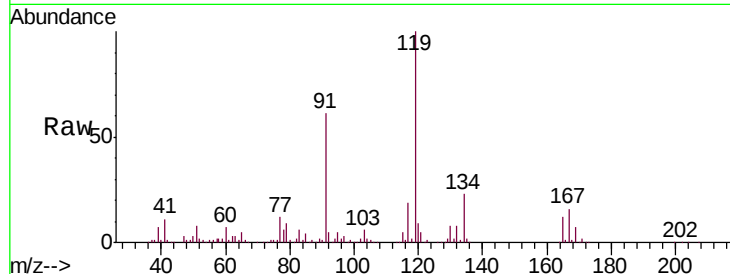




#77
 tert-Butylbenzene
 Concen: 12.572 ug/l
 RT: 11.09 min Scan# 3109
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

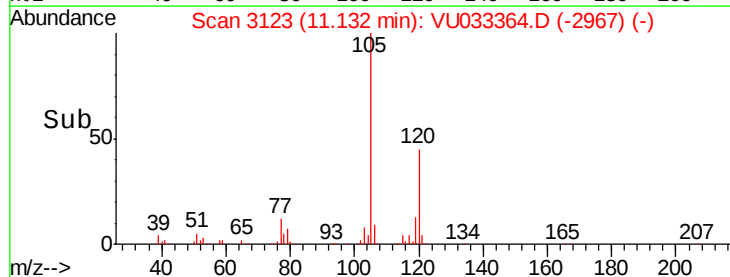
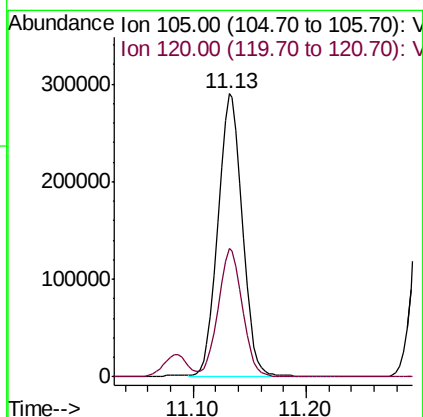
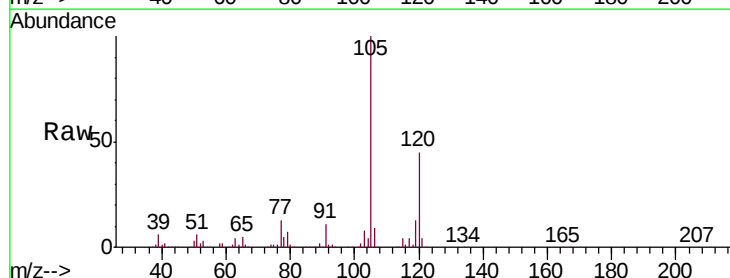
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

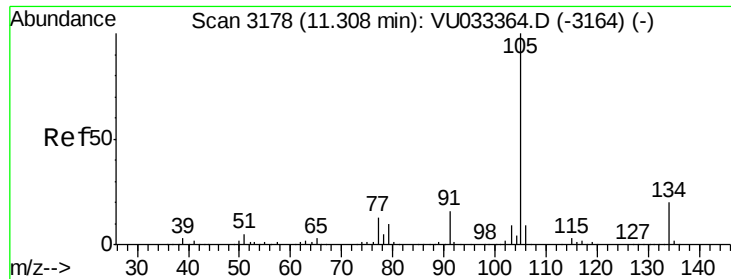
Tgt Ion:119 Resp: 380398
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.4 91.3
 134 23.1 18.5 27.7



#78
 1,2,4-Trimethylbenzene
 Concen: 13.335 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion:105 Resp: 435239
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5

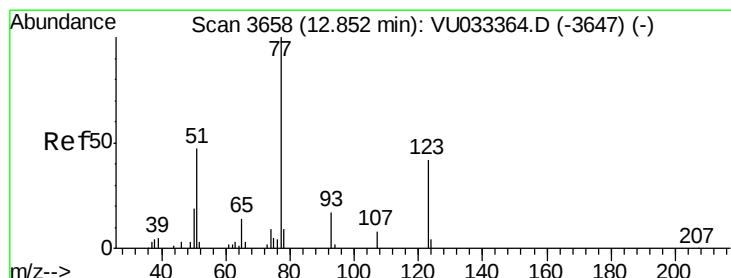
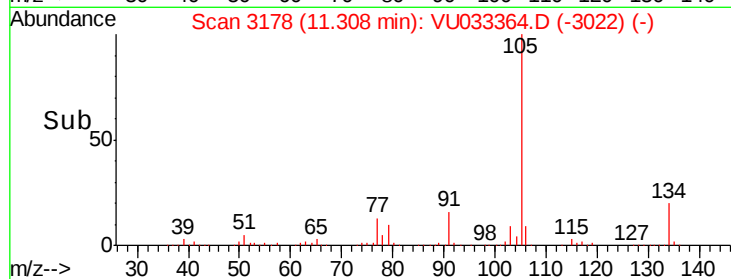
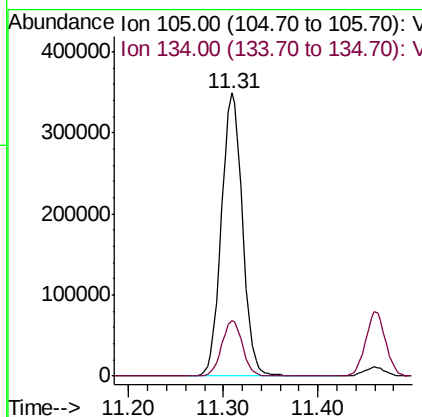
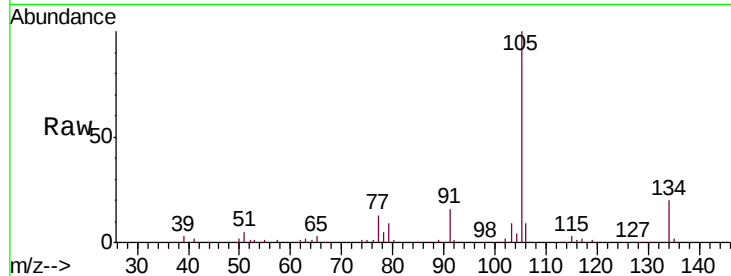




#79
 sec-Butylbenzene
 Concen: 12.996 ug/l
 RT: 11.31 min Scan# 3178
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

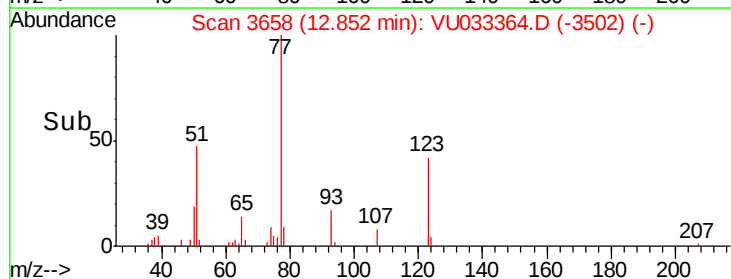
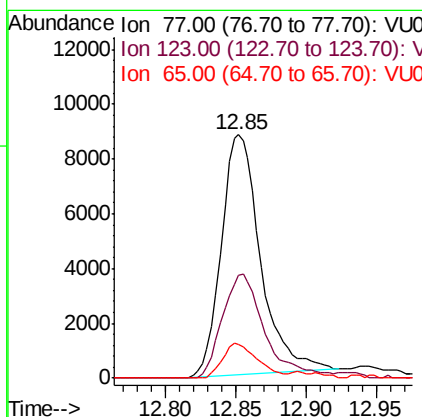
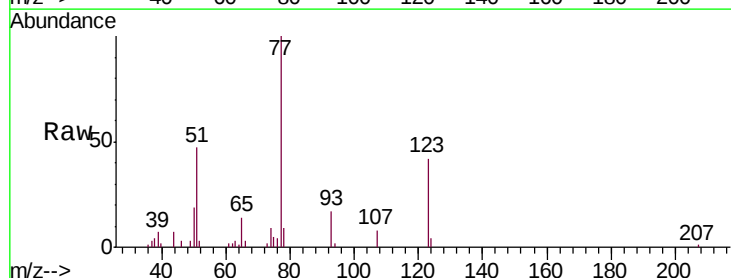
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

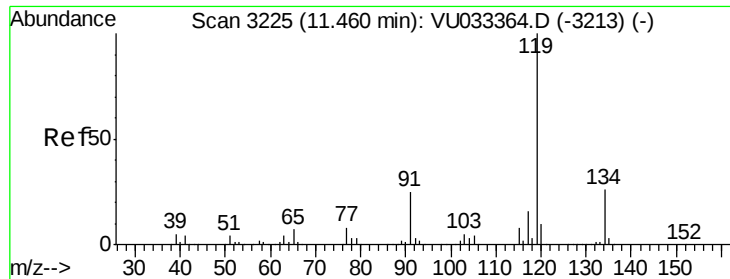
Tgt Ion: 105 Resp: 536797
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.5 23.3



#80
 Nitrobenzene
 Concen: 66.971 ug/l
 RT: 12.85 min Scan# 3658
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion: 77 Resp: 17070
 Ion Ratio Lower Upper
 77 100
 123 43.8 19.3 68.3
 65 11.5 10.1 12.9

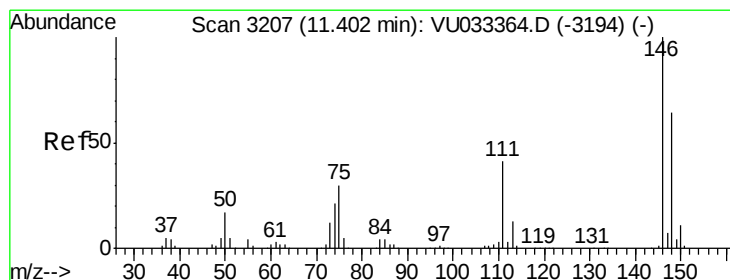
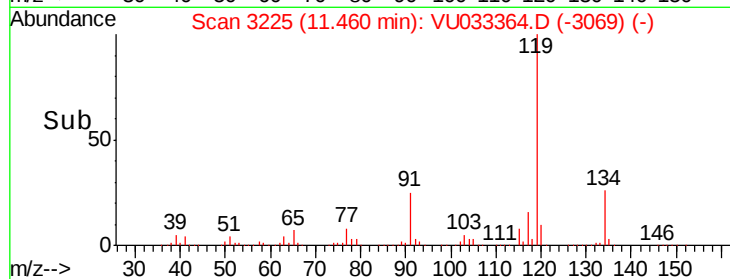
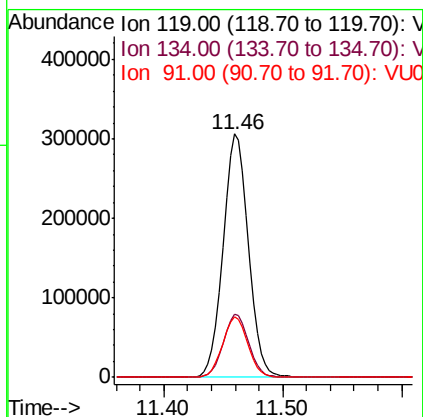
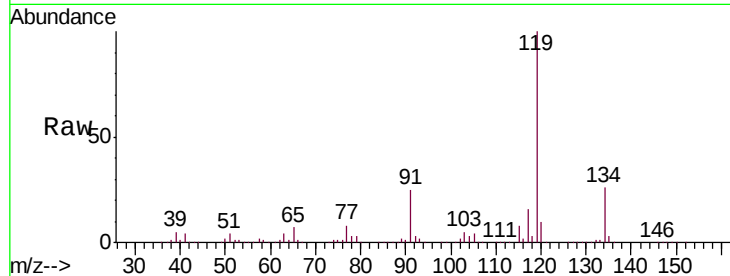




#81
 p-Isopropyltoluene
 Concen: 13.754 ug/l
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

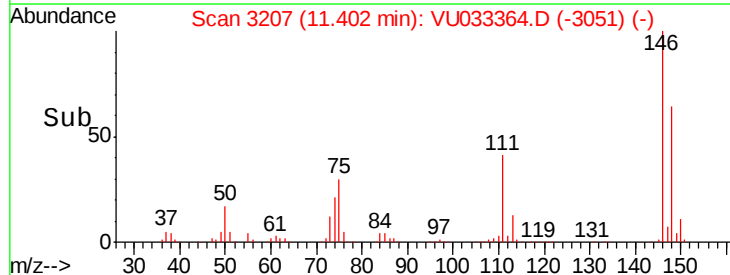
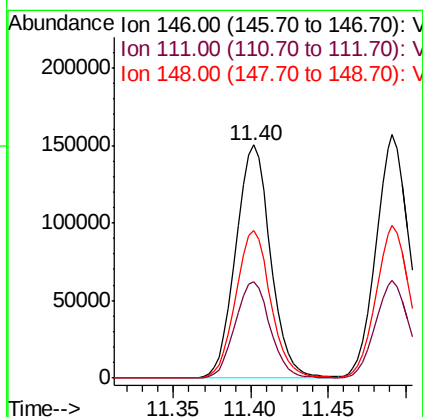
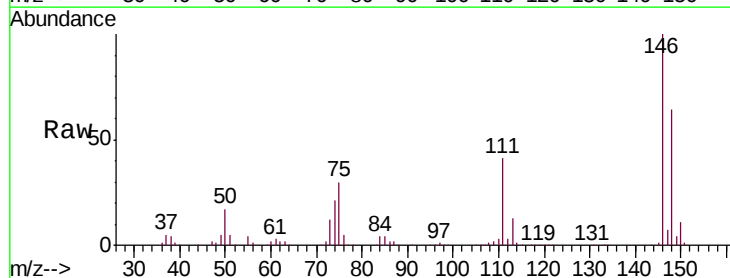
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

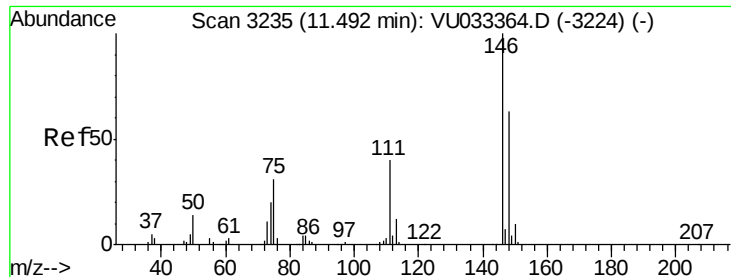
Tgt Ion:119 Resp: 449172
 Ion Ratio Lower Upper
 119 100
 134 26.2 21.0 31.4
 91 24.7 19.8 29.6



#82
 1,3-Dichlorobenzene
 Concen: 12.292 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion:146 Resp: 235110
 Ion Ratio Lower Upper
 146 100
 111 41.6 33.3 49.9
 148 63.5 50.8 76.2





#83

1,4-Dichlorobenzene

Concen: 12.909 ug/l

RT: 11.49 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

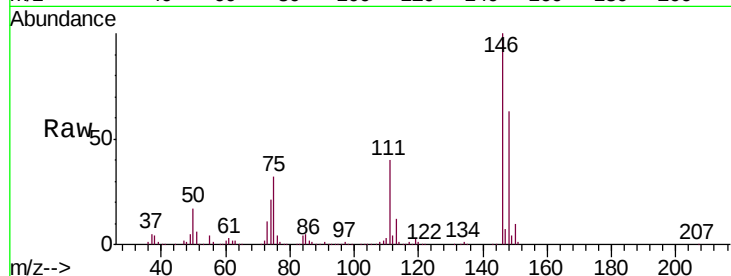
Tgt Ion:146 Resp: 238162

Ion Ratio Lower Upper

146 100

111 40.3 32.2 48.4

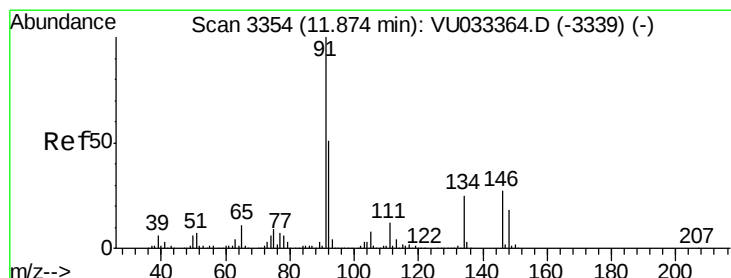
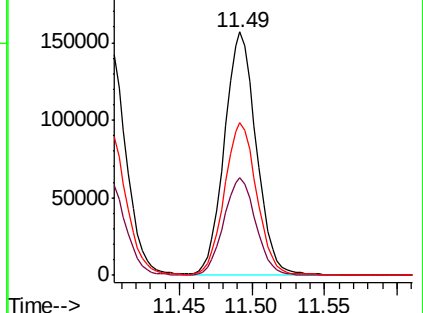
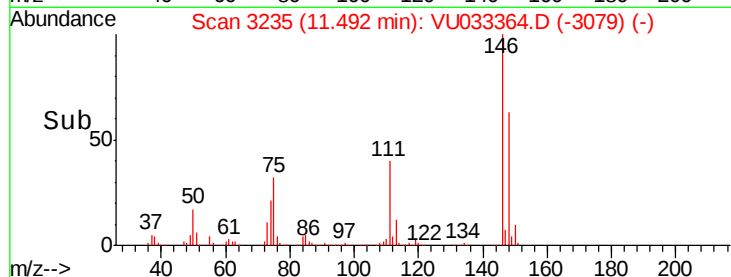
148 63.7 51.0 76.4



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: 14.133 ug/l

RT: 11.87 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

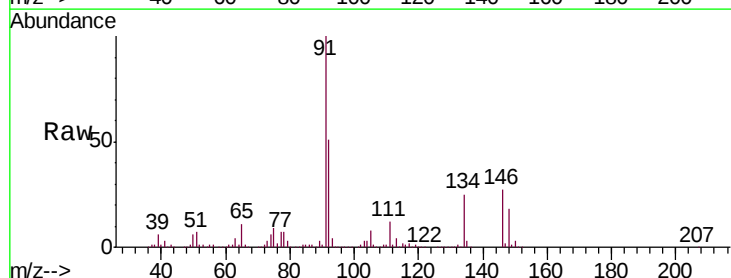
Tgt Ion: 91 Resp: 446727

Ion Ratio Lower Upper

91 100

92 51.3 41.0 61.6

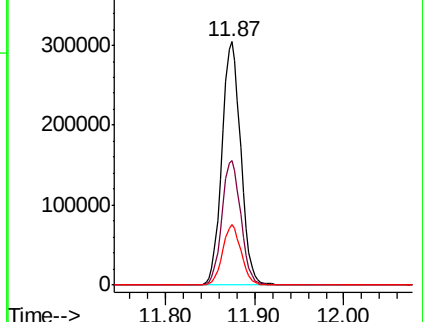
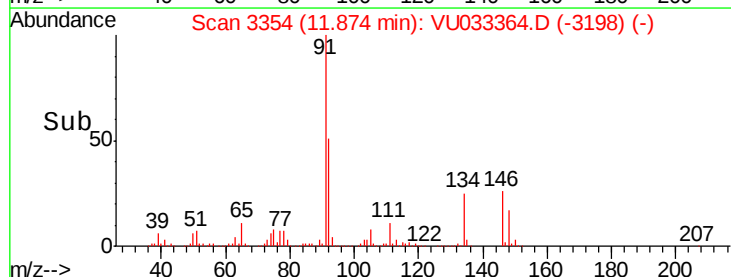
134 24.4 19.5 29.3

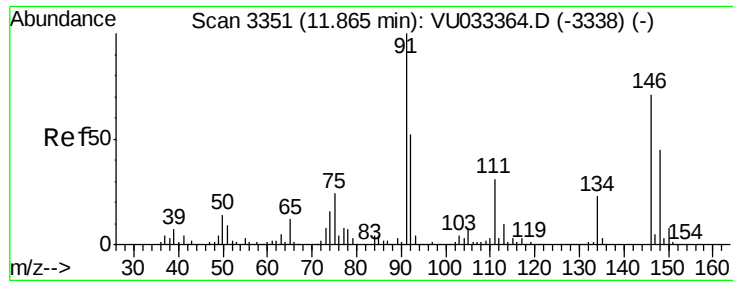


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

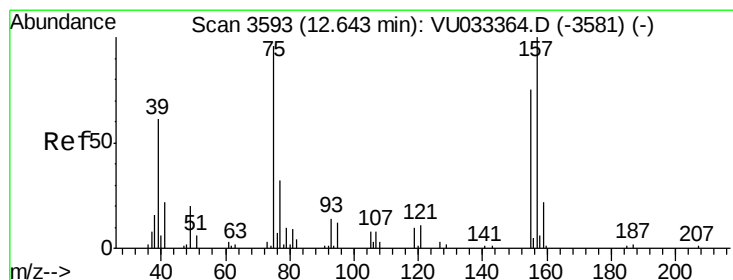
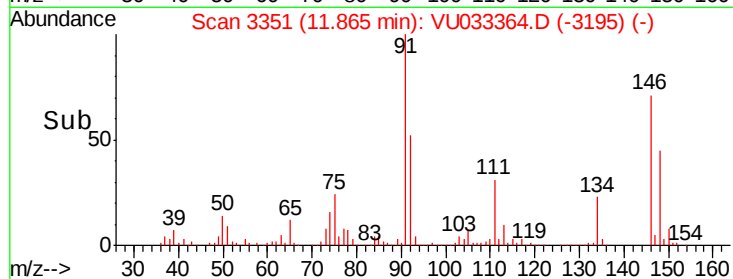
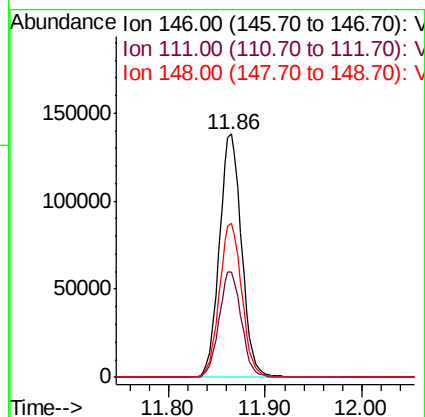
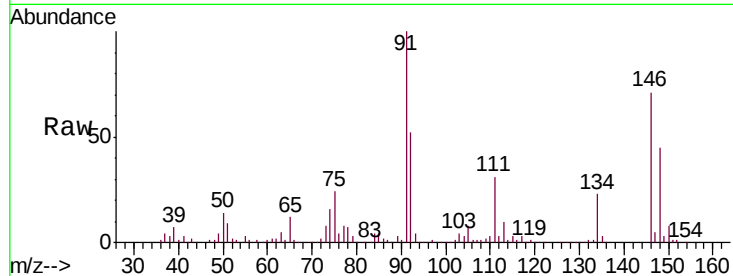




#85
 1,2-Dichlorobenzene
 Concen: 12.073 ug/l
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

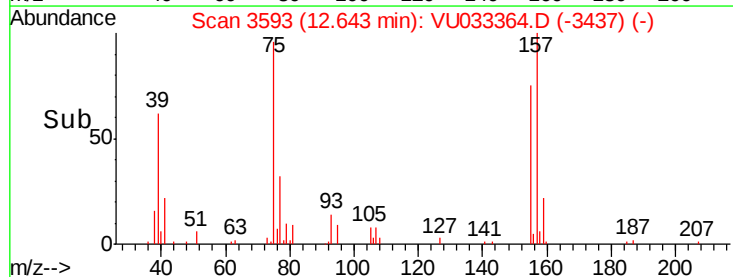
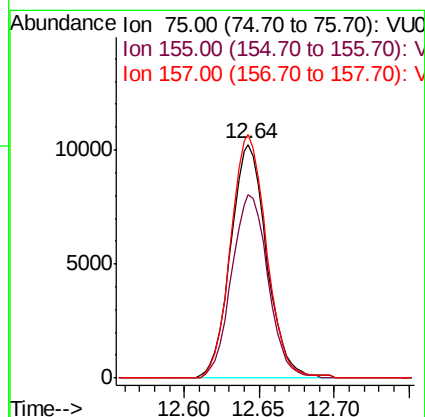
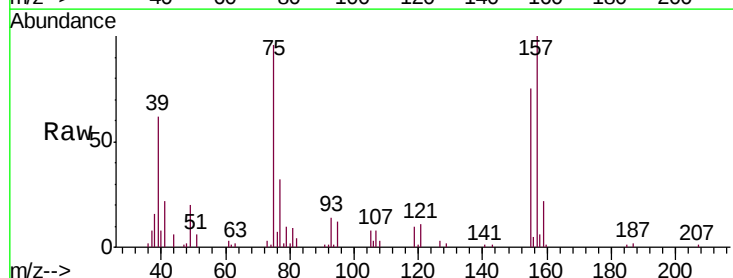
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

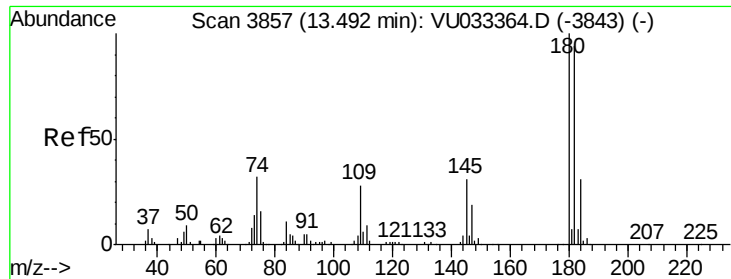
Tgt Ion: 146 Resp: 220073
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.7 65.1
 148 64.0 32.0 96.0



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.549 ug/l
 RT: 12.64 min Scan# 3593
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion: 75 Resp: 17227
 Ion Ratio Lower Upper
 75 100
 155 79.1 63.3 94.9
 157 103.1 82.5 123.7

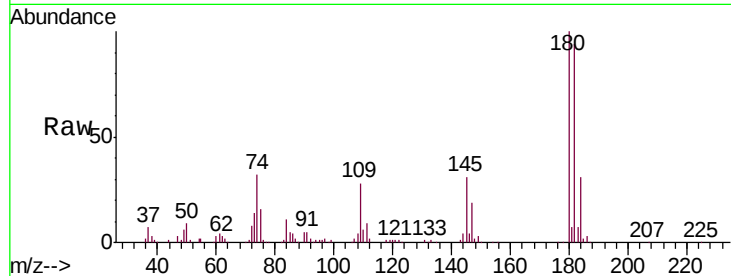




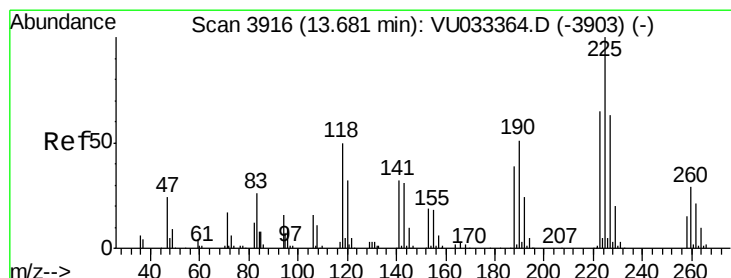
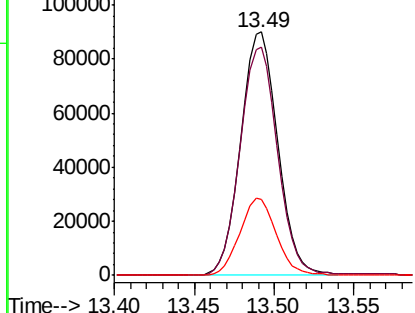
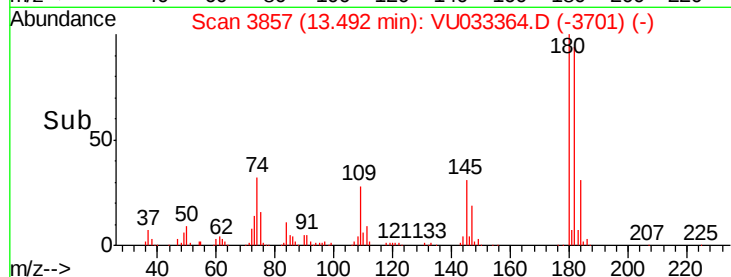
#87
 1,2,4-Trichlorobenzene
 Concen: 15.028 ug/l
 RT: 13.49 min Scan# 3857
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:180 Resp: 142061
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.4
 145 31.2 25.0 37.4

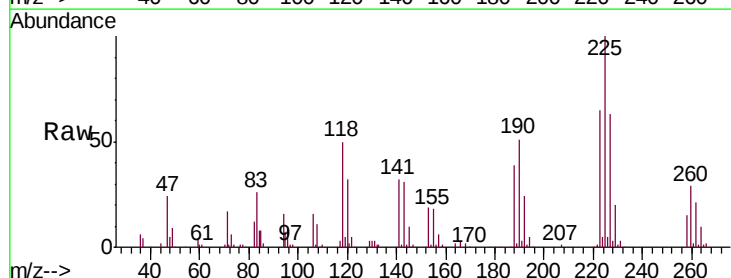


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

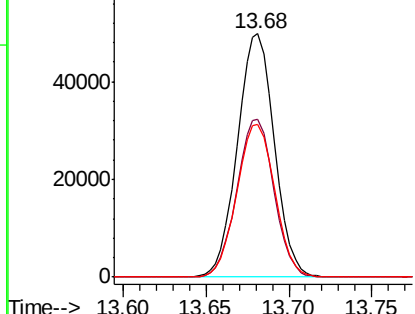
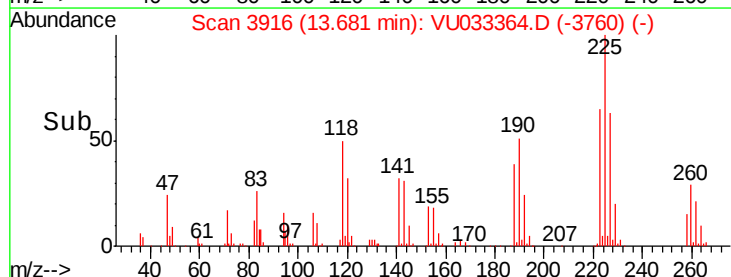


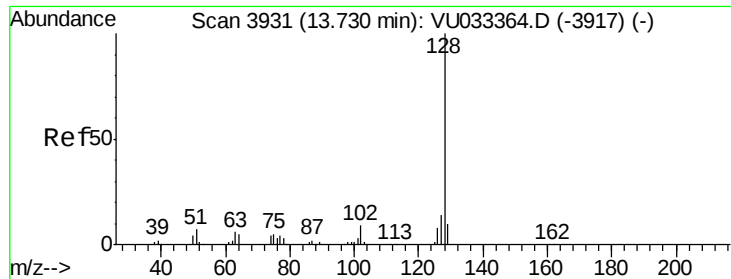
#88
 Hexachlorobutadiene
 Concen: 11.613 ug/l
 RT: 13.68 min Scan# 3916
 Delta R.T. 0.00 min
 Lab File: VU033364.D
 Acq: 22 Jul 2019 21:00

Tgt Ion:225 Resp: 77119
 Ion Ratio Lower Upper
 225 100
 223 65.3 52.2 78.4
 227 64.6 51.7 77.5



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





#89

Naphthalene

Concen: 16.894 ug/l

RT: 13.73 min Scan# 3931

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

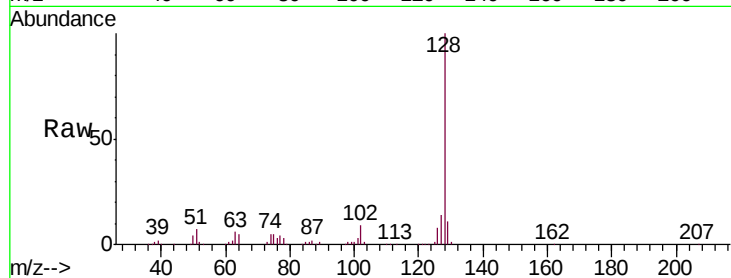
Tgt Ion:128 Resp: 280105

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

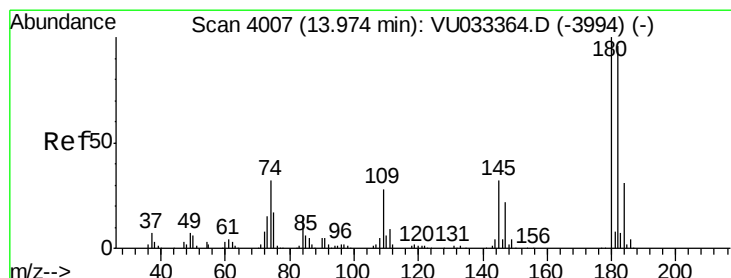
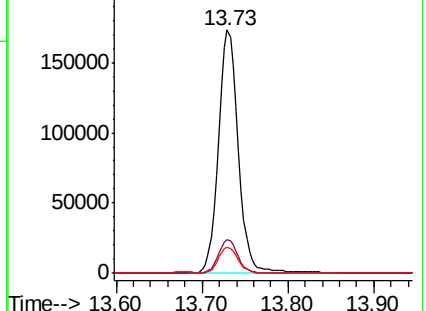
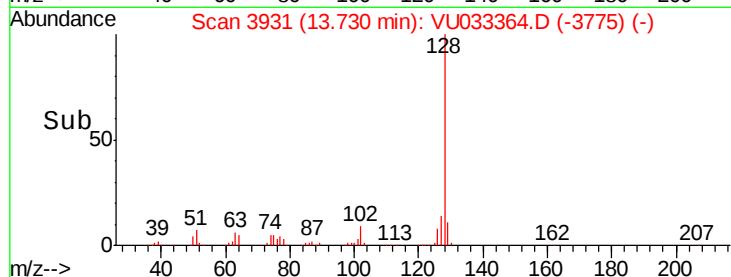
129 10.6 8.5 12.7



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: 14.262 ug/l

RT: 13.97 min Scan# 4007

Delta R.T. 0.00 min

Lab File: VU033364.D

Acq: 22 Jul 2019 21:00

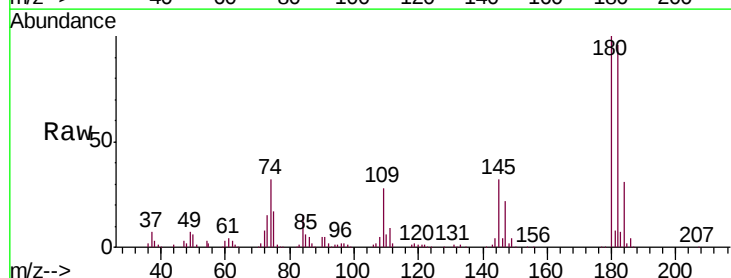
Tgt Ion:180 Resp: 137161

Ion Ratio Lower Upper

180 100

182 97.4 77.9 116.9

145 32.3 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

