

Data File : VU029832.D
Acq On : 06 Mar 2019 10:20
Operator : JC/SP
Sample : VSTDIC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Quant Time: Mar 07 01:04:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:00:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	63624	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.30	95	22618	0.99	ug/l	0.00
Spiked Amount	1.000		Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	25713	0.97	ug/l	0.00
Spiked Amount	1.000		Recovery	=	97.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	41729	1.960 ug/l	100
3) Chloromethane	1.33	50	35647	1.880 ug/l	97
4) Vinyl Chloride	1.40	62	42137	1.976 ug/l	99
5) Bromomethane	1.63	94	29345	2.015 ug/l	96
6) Chloroethane	1.70	64	24840	1.942 ug/l	99
7) Trichlorofluoromethane	1.88	101	57237	1.970 ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	32710	1.935 ug/l	98
9) 1,1-Dichloroethene	2.28	96	32565	1.968 ug/l	95
10) Iodomethane	2.41	142	23074	1.608 ug/l	97
11) Allyl Chloride	2.59	41	45605	1.960 ug/l	99
12) Acrylonitrile	2.93	53	13868	3.843 ug/l	94
13) Acetone	2.32	43	28974	9.695 ug/l	99
14) Carbon Disulfide	2.47	76	102958	1.921 ug/l	100
15) Methylene Chloride	2.70	84	39071	1.967 ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	36775	1.967 ug/l	97
17) 1,1-Dichloroethane	3.44	63	59704	1.909 ug/l	100
18) 2-Butanone	4.28	43	38526	9.485 ug/l	98
19) Cyclohexane	4.98	56	39402	1.660 ug/l	94
20) Methylcyclohexane	6.41	83	54760	1.936 ug/l	99
21) 2,2-Dichloropropane	4.22	77	50172	1.962 ug/l	97
22) cis-1,2-Dichloroethene	4.22	96	37894	1.913 ug/l	100
23) Diethyl Ether	2.10	59	24511	1.976 ug/l	99
24) tert-Butyl Alcohol	2.84	59	24008	18.758 ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	81790	1.963 ug/l	99
26) Bromochloromethane	4.55	128	17231	1.959 ug/l	99
27) Chloroform	4.67	83	62477	1.973 ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	52397	1.951 ug/l	99
29) 1,1-Dichloropropene	5.13	75	46320	1.941 ug/l	100
30) Carbon Tetrachloride	5.13	117	44833	1.914 ug/l	98
31) Isopropyl Ether	3.58	45	82701	1.917 ug/l	95
32) Ethyl-t-butyl ether	4.07	59	80362	1.916 ug/l	100
33) Tert-Amyl methyl ether	5.58	73	75265	1.941 ug/l	98
34) Propionitrile	4.33	54	11522	9.537 ug/l #	95
35) Benzene	5.38	78	139351	1.982 ug/l	99
36) 1,2-Dichloroethane	5.40	62	37469	1.951 ug/l	99
37) Trichloroethene	6.18	130	39881	1.943 ug/l	92
38) 1,2-Dichloropropane	6.43	63	34771	1.954 ug/l	100
39) Methacrylonitrile	4.55	41	9665	1.902 ug/l	95
40) Methyl acrylate	4.43	55	15417	1.919 ug/l #	96
41) Tetrahydrofuran	4.66	42	10459	3.935 ug/l	97
42) 1-Chlorobutane	5.06	56	58373	1.915 ug/l	100

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	17936	1.945	ug/l	97
44) Bromodichloromethane	6.75	83	43530	1.922	ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	90718	9.431	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	37703	9.004	ug/l #	50
47) Methyl methacrylate	6.63	69	31530	3.984	ug/l	95
48) Ethyl methacrylate	8.02	69	28576	1.884	ug/l	98
49) Toluene	7.63	92	82924	1.921	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	36725	1.850	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	47726	1.942	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	26574	1.947	ug/l	99
53) 1,3-Dichloropropane	8.24	76	42076	1.879	ug/l	99
54) 2-Hexanone	8.37	43	60545	9.063	ug/l	98
55) Dibromochloromethane	8.48	129	30308	1.871	ug/l	98
56) 1,2-Dibromoethane	8.58	107	25203	1.947	ug/l	99
58) Tetrachloroethene	8.22	164	41984	2.002	ug/l	94
59) Chlorobenzene	9.12	112	93404	1.882	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	34589	1.943	ug/l	99
61) Pentachloroethane	11.10	117	24166	1.950	ug/l	93
62) Hexachloroethane	12.14	117	23387	1.794	ug/l	98
63) Ethyl Benzene	9.25	91	151966	1.870	ug/l	100
64) m/p-Xylenes	9.37	106	122134	3.801	ug/l	99
65) o-Xylene	9.78	106	59379	1.924	ug/l	99
66) Styrene	9.79	104	94151	1.836	ug/l	99
67) Bromoform	9.95	173	17812	1.872	ug/l	98
69) Isopropylbenzene	10.16	105	154359	1.886	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	31674	1.902	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	37703	3.127	ug/l #	79
72) Bromobenzene	10.45	156	41189	1.902	ug/l	98
73) n-propylbenzene	10.58	120	44137	1.919	ug/l	96
74) 2-Chlorotoluene	10.66	126	39506	1.936	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	131032	1.901	ug/l	99
76) 4-Chlorotoluene	10.77	126	39075	1.878	ug/l	97
77) tert-Butylbenzene	11.10	119	127785	1.873	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	130701	1.876	ug/l	100
79) sec-Butylbenzene	11.32	105	172167	1.905	ug/l	99
80) Nitrobenzene	12.88	77	912	2.870	ug/l #	41
81) p-Isopropyltoluene	11.47	119	142990	1.889	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	81308	1.895	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	79195	1.889	ug/l	100
84) n-Butylbenzene	11.89	91	129889	1.884	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	76699	1.896	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4358	1.833	ug/l	98
87) 1,2,4-Trichlorobenzene	13.50	180	48365	1.867	ug/l	98
88) Hexachlorobutadiene	13.69	225	30361	1.861	ug/l	99
89) Naphthalene	13.74	128	72601	1.753	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	45814	1.883	ug/l	97

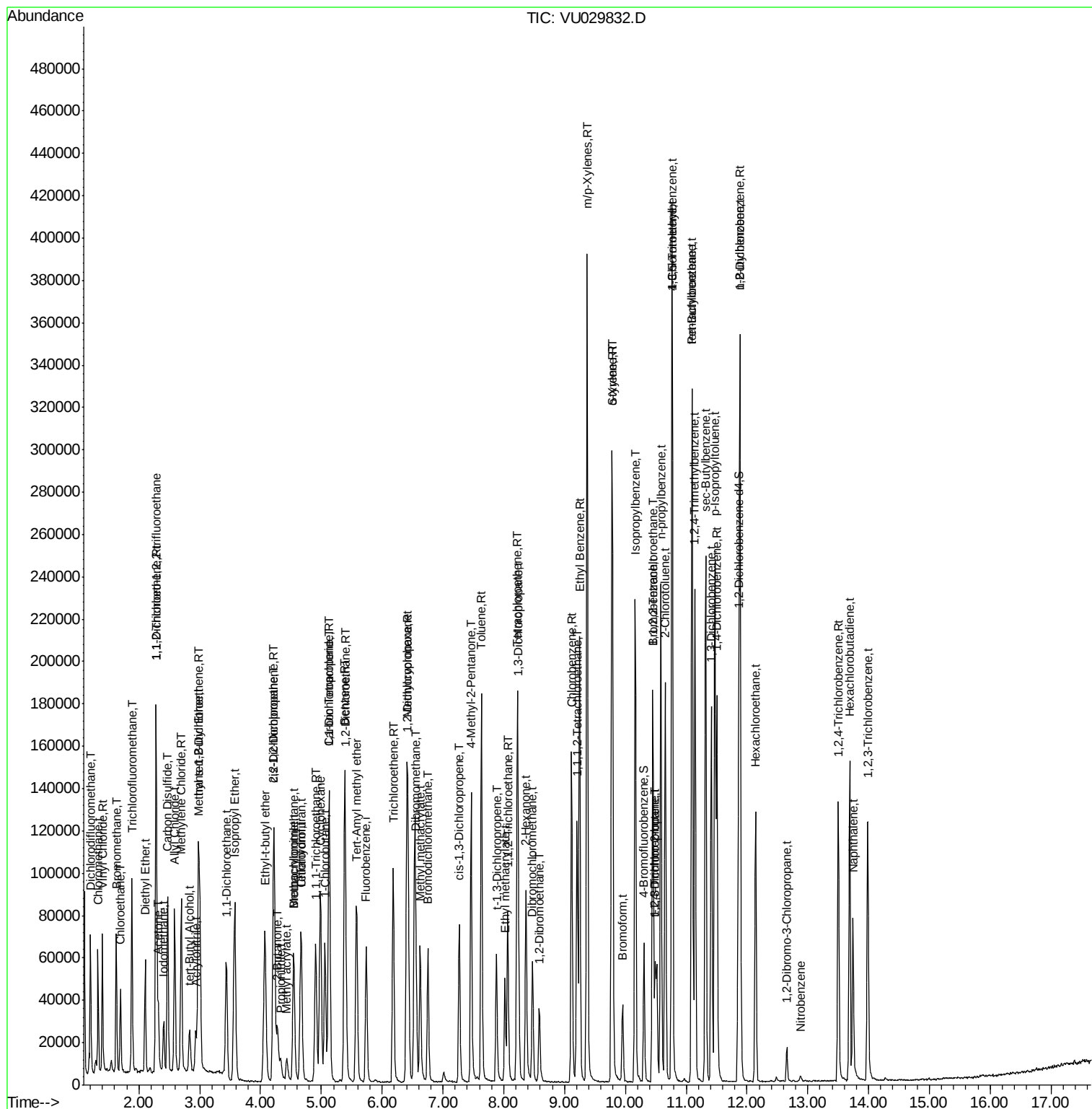
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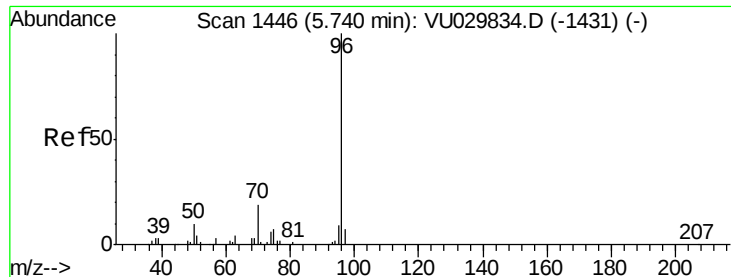
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

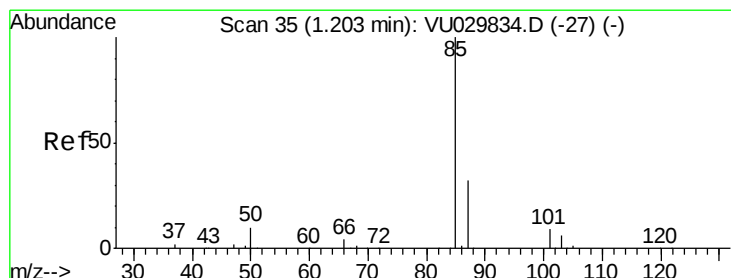
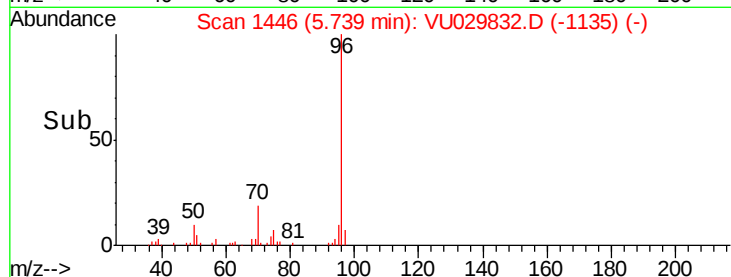
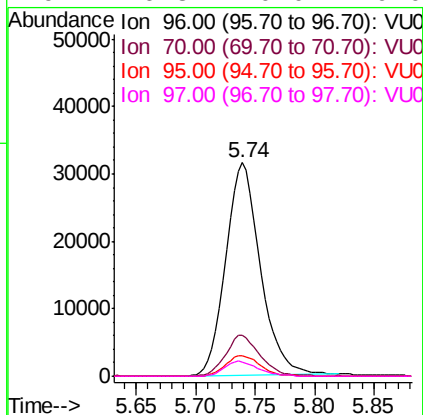
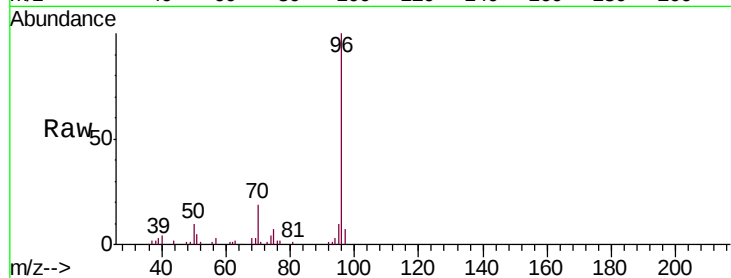
Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:	96	Resp:	63624
Ion	Ratio	Lower	Upper
96	100		
70	19.3	14.4	21.6
95	9.7	7.0	10.6
97	6.8	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 1.960 ug/l

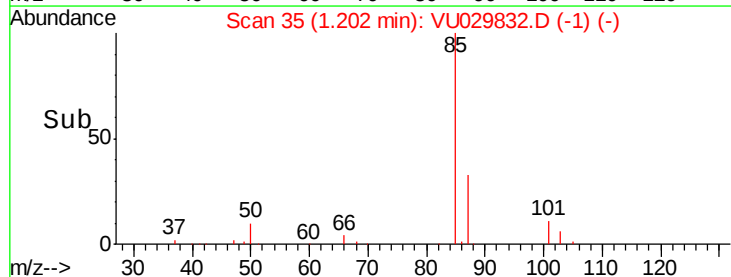
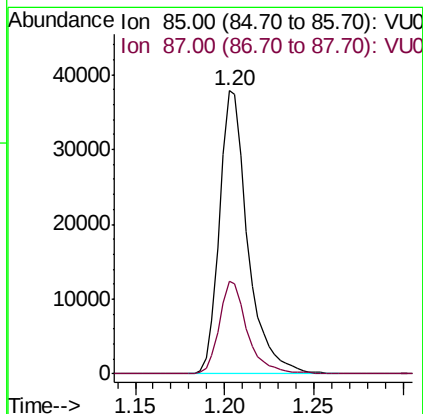
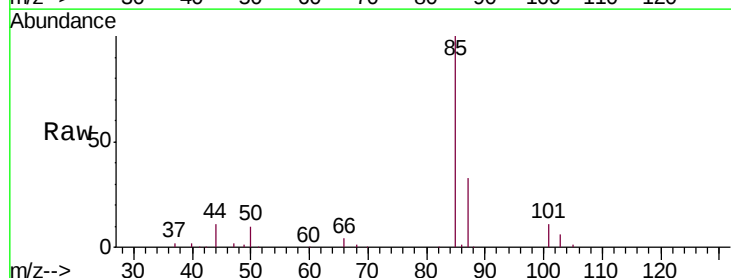
RT: 1.20 min Scan# 35

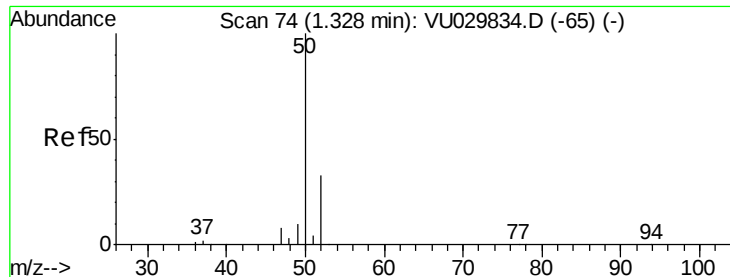
Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Tgt Ion:	85	Resp:	41729
Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.2	48.6





#3

Chloromethane

Concen: 1.880 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

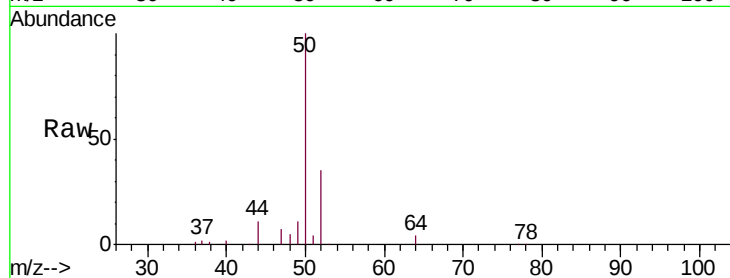
VSTDIC002

Tgt Ion: 50 Resp: 35647

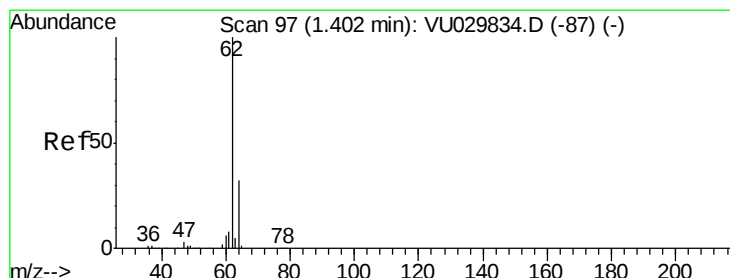
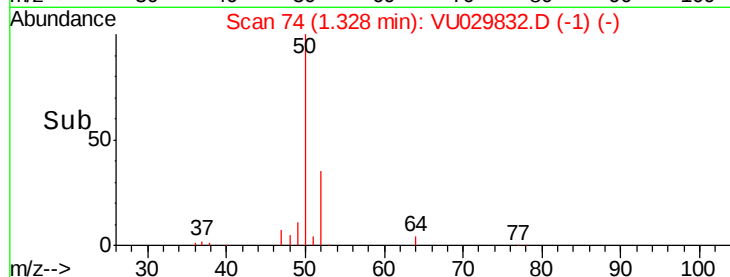
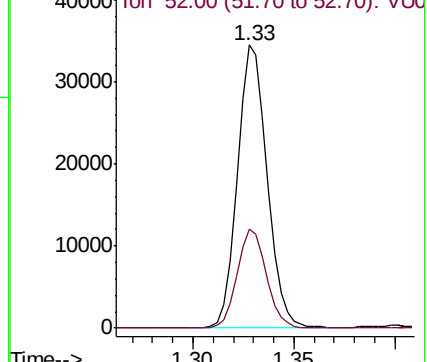
Ion Ratio Lower Upper

50 100

52 35.0 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VU029832.D (-1) (-)



#4

Vinyl Chloride

Concen: 1.976 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU029832.D

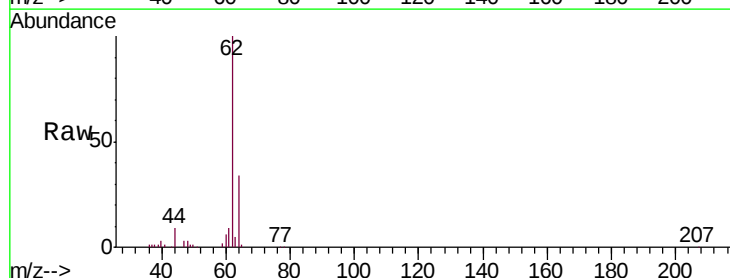
Acq: 06 Mar 2019 10:20

Tgt Ion: 62 Resp: 42137

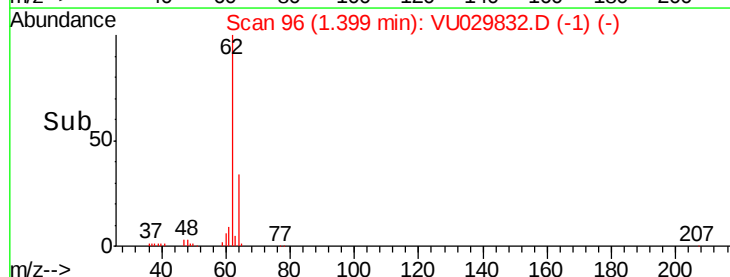
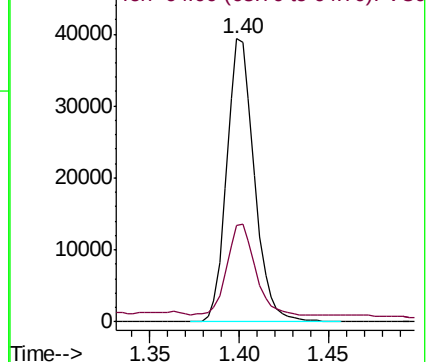
Ion Ratio Lower Upper

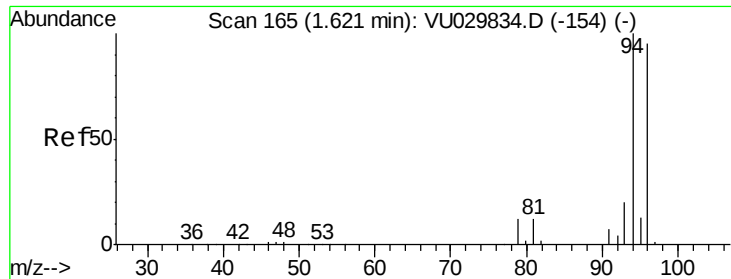
62 100

64 31.6 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU029832.D (-1) (-)

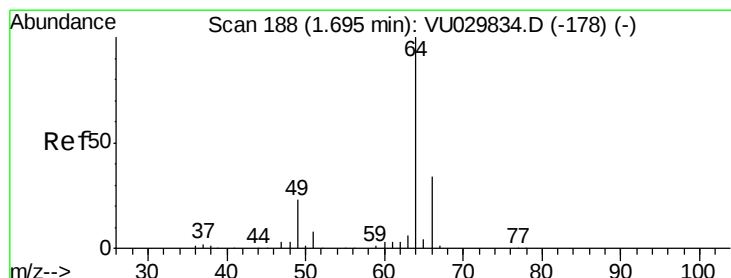
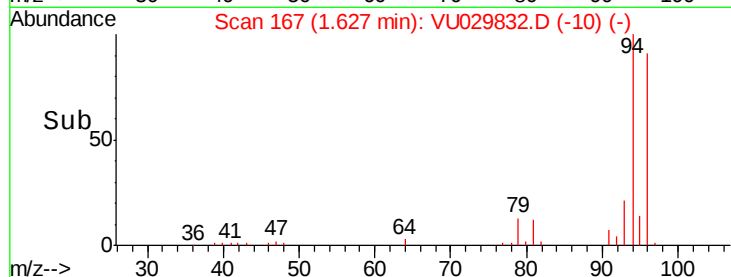
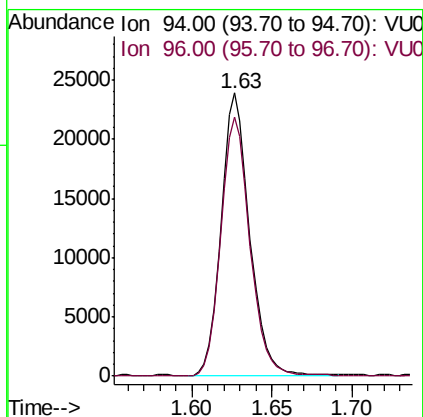
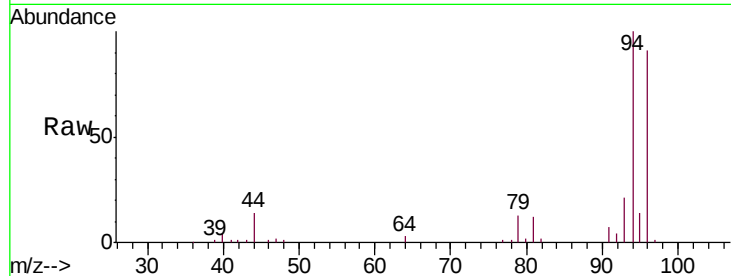




#5
Bromomethane
Concen: 2.015 ug/l
RT: 1.63 min Scan# 167
Delta R.T. 0.01 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

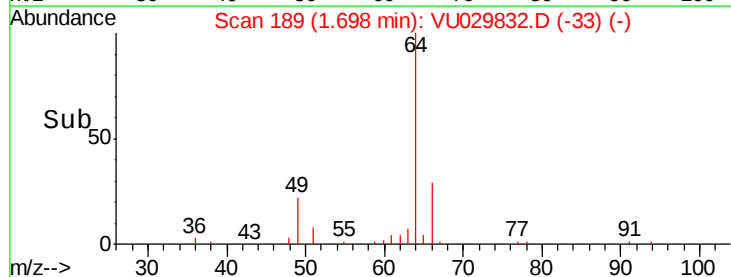
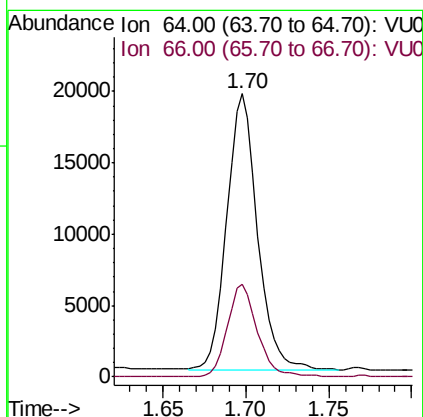
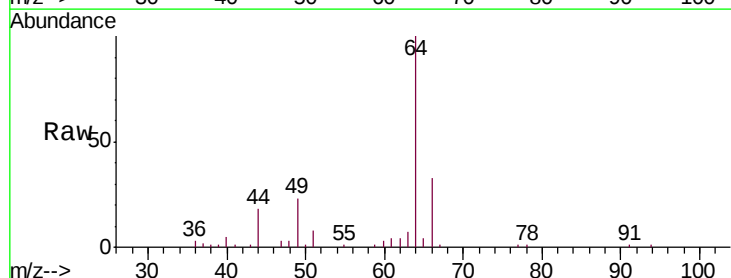
Instrument :
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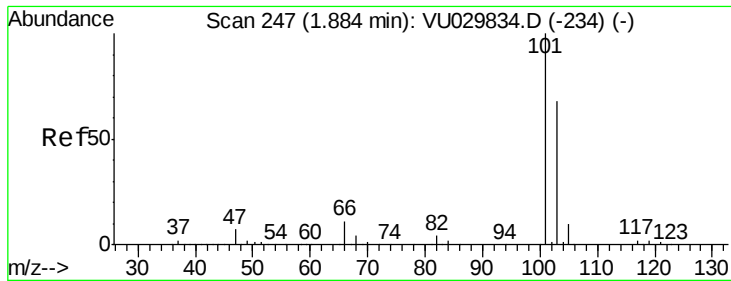
Tgt Ion: 94 Resp: 29345
Ion Ratio Lower Upper
94 100
96 91.3 76.4 114.6



#6
Chloroethane
Concen: 1.942 ug/l
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion: 64 Resp: 24840
Ion Ratio Lower Upper
64 100
66 33.7 27.3 40.9





#7

Trichlorofluoromethane

Concen: 1.970 ug/l

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

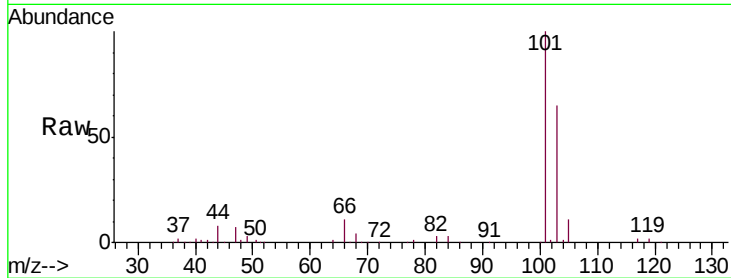
VSTDIC002

Tgt Ion:101 Resp: 57237

Ion Ratio Lower Upper

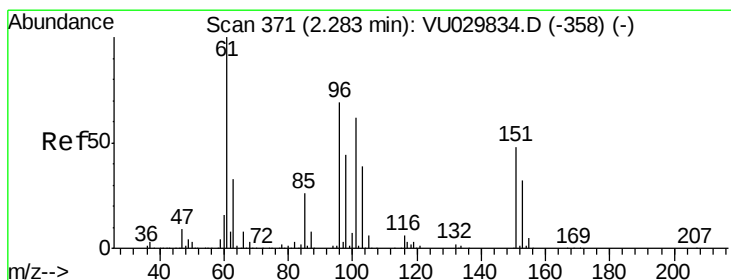
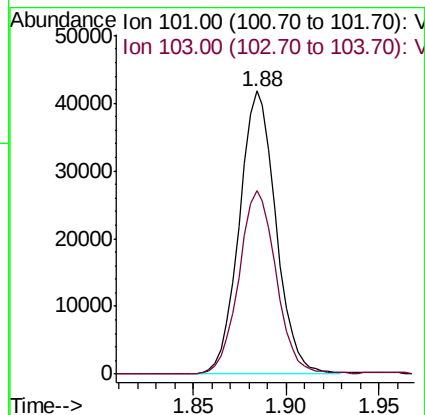
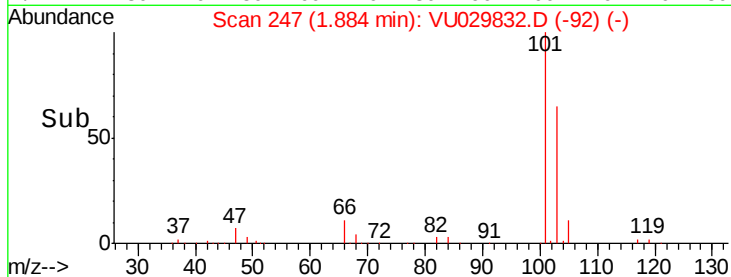
101 100

103 64.8 54.2 81.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

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

Concen: 1.935 ug/l

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

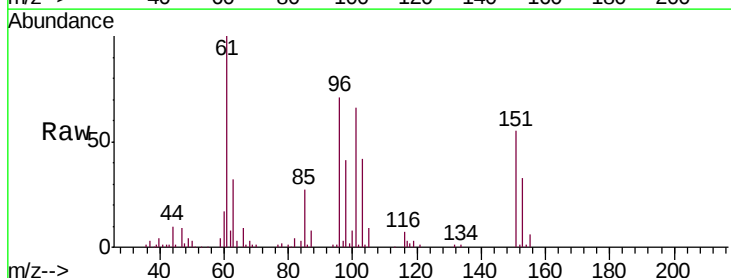
Tgt Ion:101 Resp: 32710

Ion Ratio Lower Upper

101 100

85 42.0 33.4 50.0

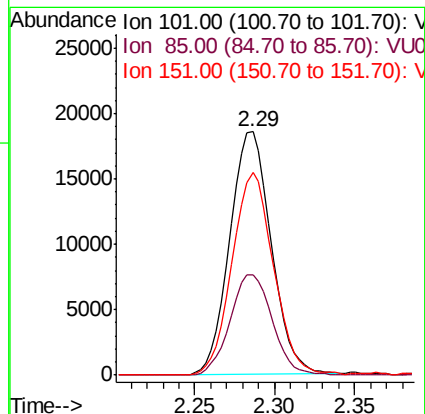
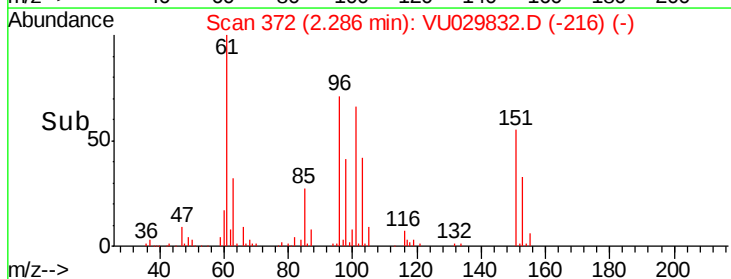
151 83.8 64.6 97.0

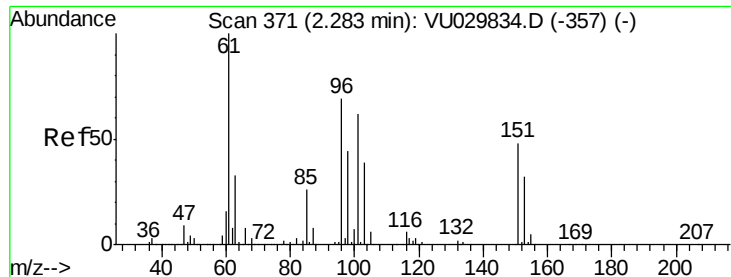


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 1.968 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

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ClientSampleId :

VSTDIC002

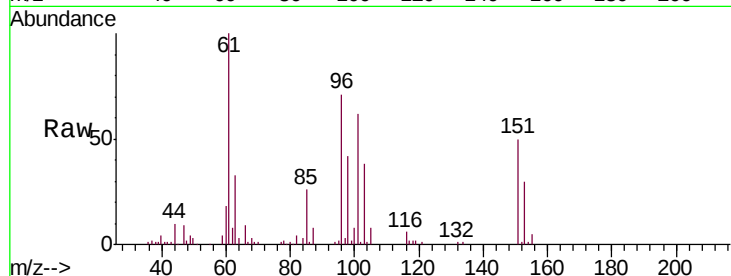
Tgt Ion: 96 Resp: 32565

Ion Ratio Lower Upper

96 100

61 140.5 0.0 435.3

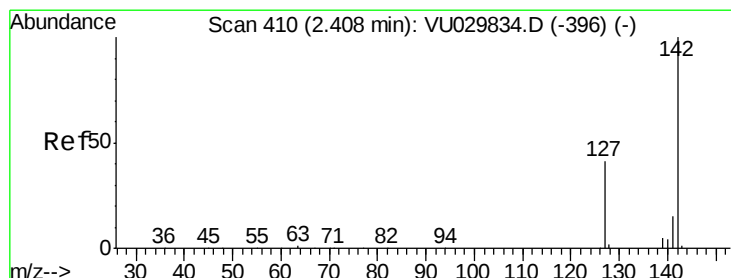
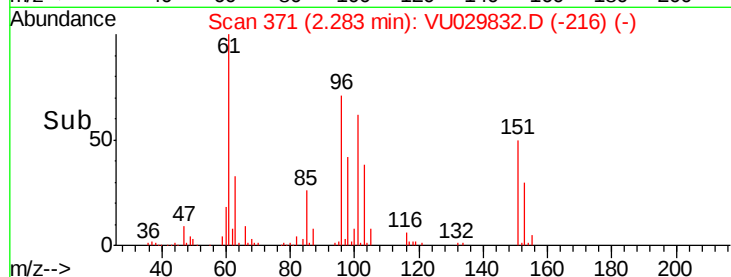
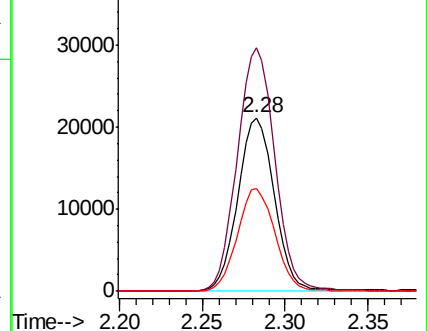
98 59.3 0.0 128.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 1.608 ug/l

RT: 2.41 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU029832.D

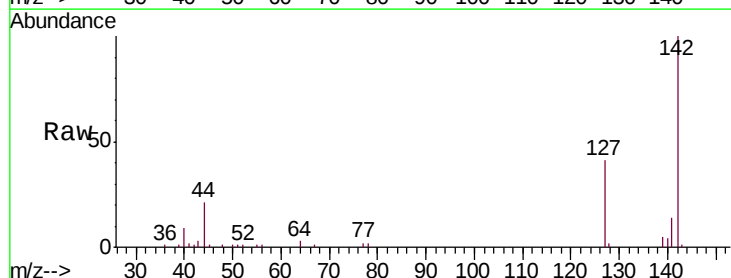
Acq: 06 Mar 2019 10:20

Tgt Ion: 142 Resp: 23074

Ion Ratio Lower Upper

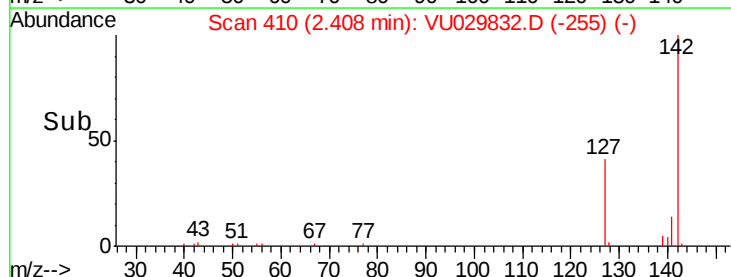
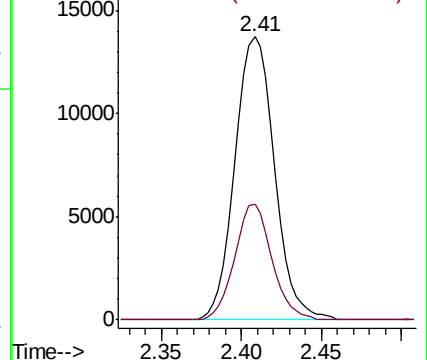
142 100

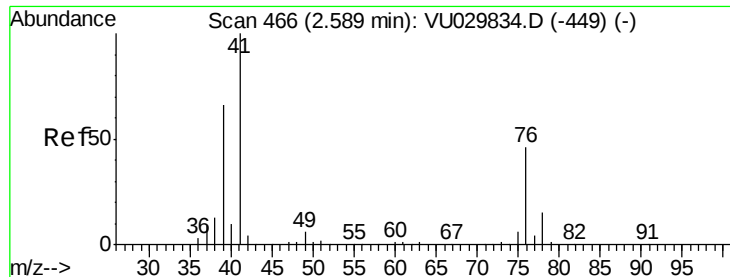
127 38.3 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

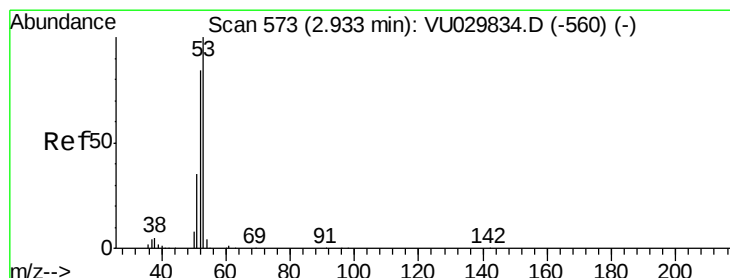
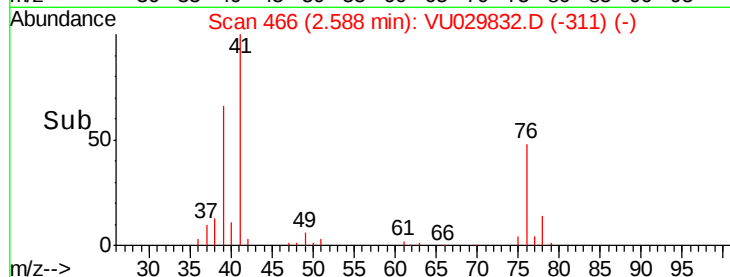
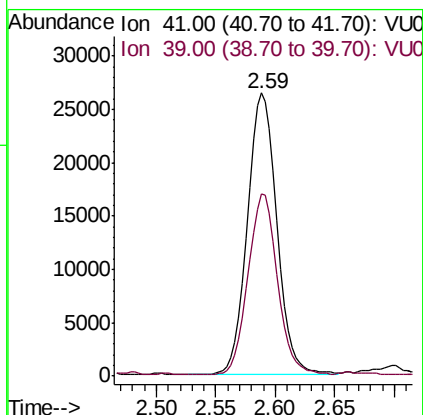
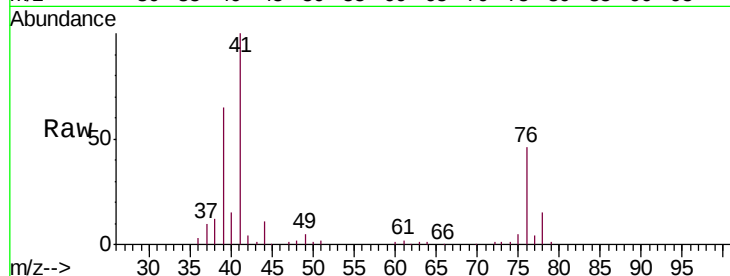




#11
 Allyl Chloride
 Concen: 1.960 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

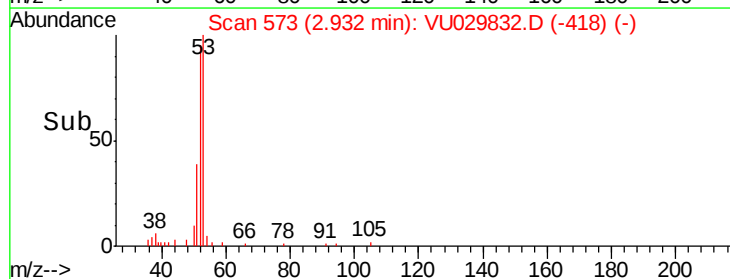
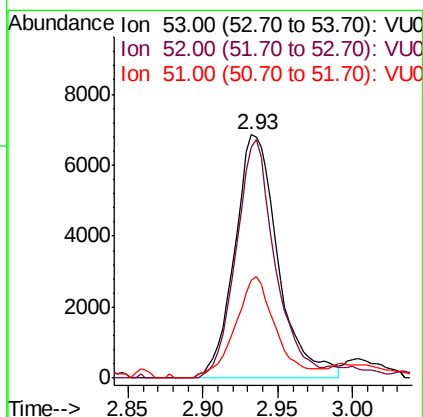
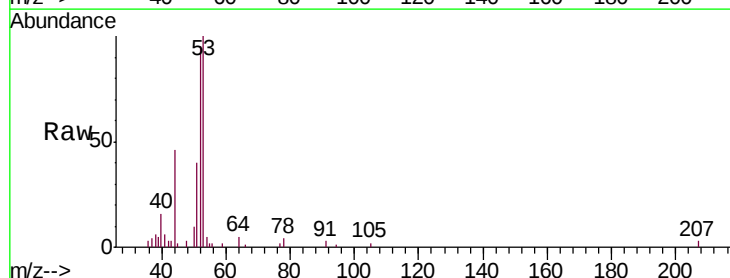
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

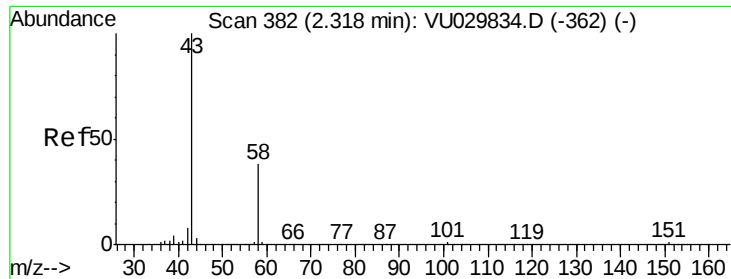
Tgt Ion: 41 Resp: 45605
 Ion Ratio Lower Upper
 41 100
 39 64.0 51.6 77.4



#12
 Acrylonitrile
 Concen: 3.843 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

Tgt Ion: 53 Resp: 13868
 Ion Ratio Lower Upper
 53 100
 52 88.1 66.5 99.7
 51 39.0 28.6 42.8





#13

Acetone

Concen: 9.695 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

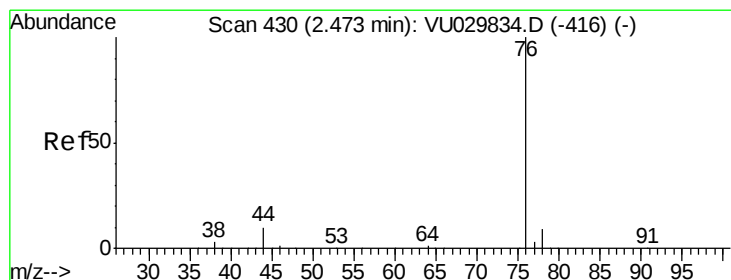
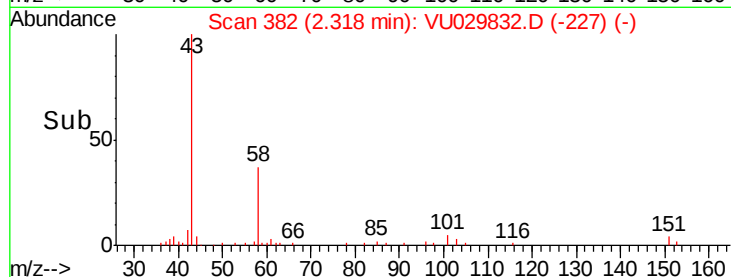
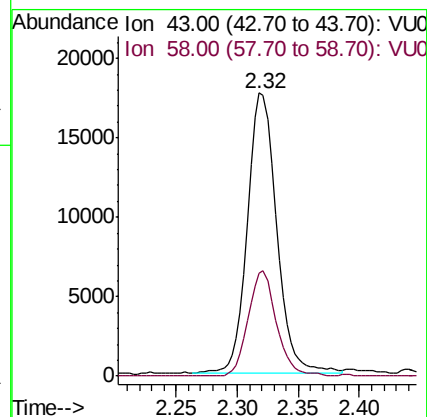
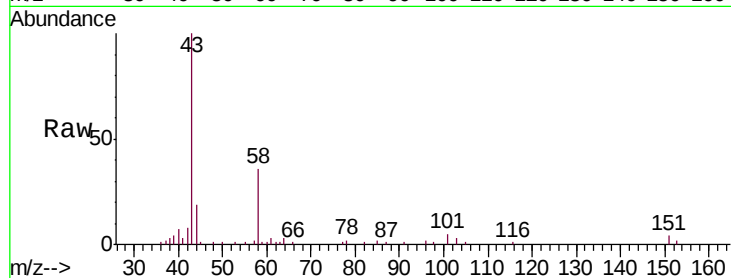
VSTDIC002

Tgt Ion: 43 Resp: 28974

Ion Ratio Lower Upper

43 100

58 36.8 30.2 45.2



#14

Carbon Disulfide

Concen: 1.921 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029832.D

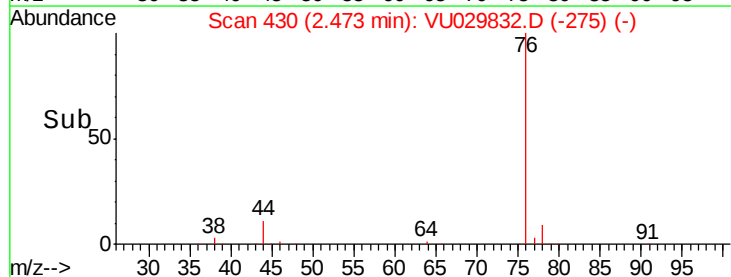
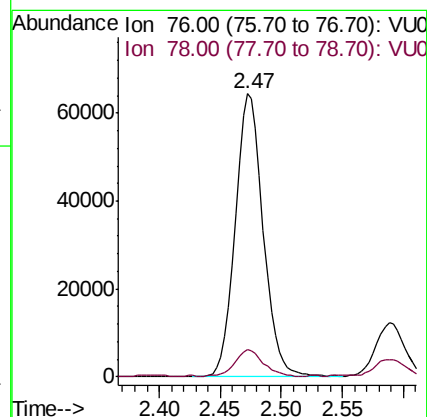
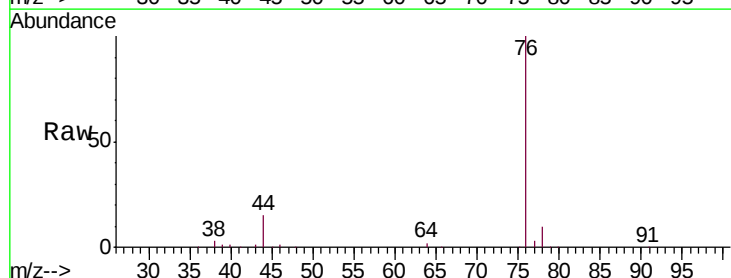
Acq: 06 Mar 2019 10:20

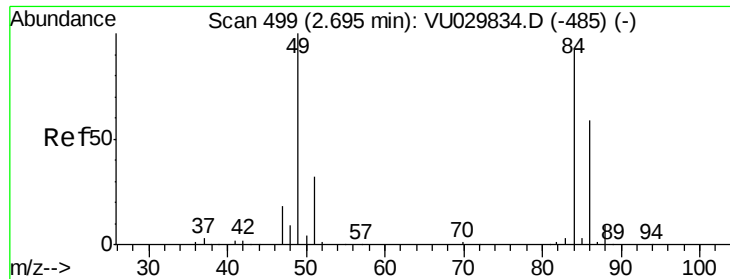
Tgt Ion: 76 Resp: 102958

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

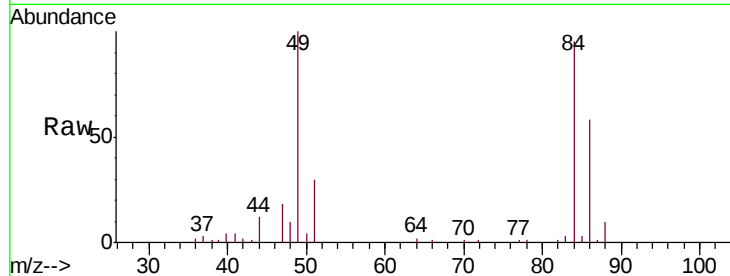




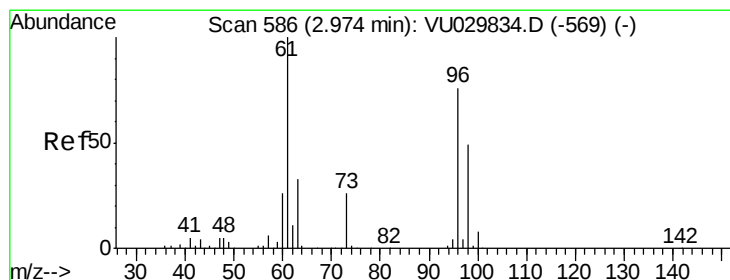
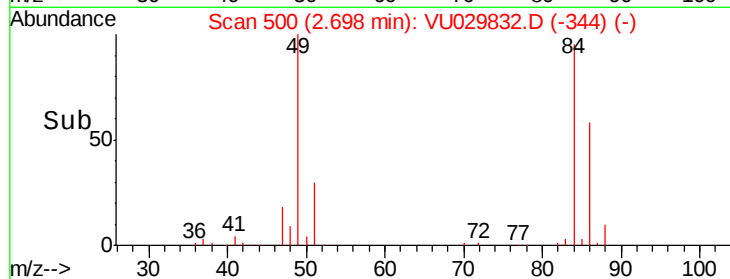
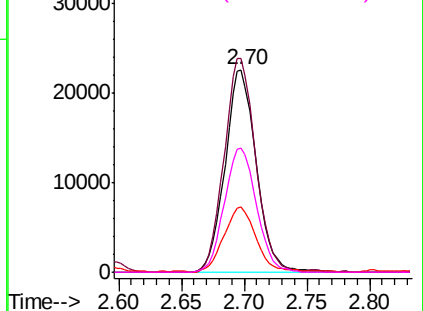
#15
Methylene Chloride
Concen: 1.967 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 84 Resp: 39071
Ion Ratio Lower Upper
84 100
49 105.3 87.2 130.8
51 32.1 0.0 69.0
86 61.6 51.3 76.9

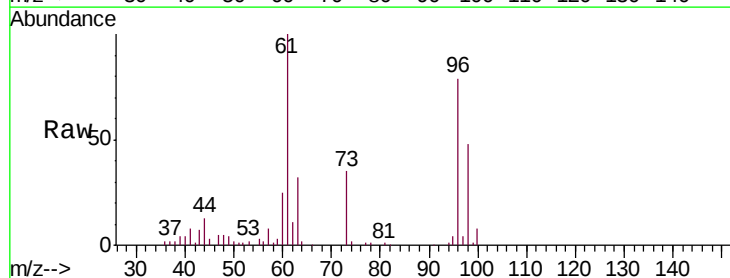


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

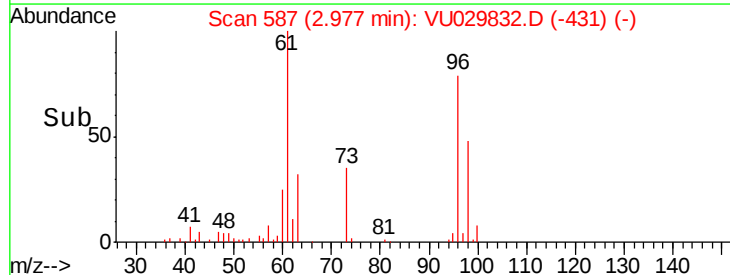
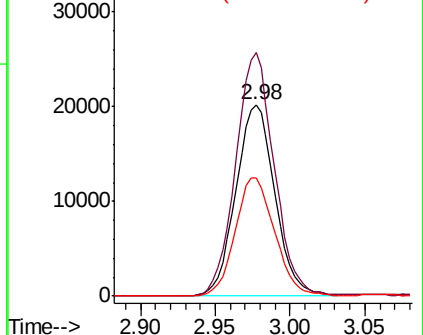


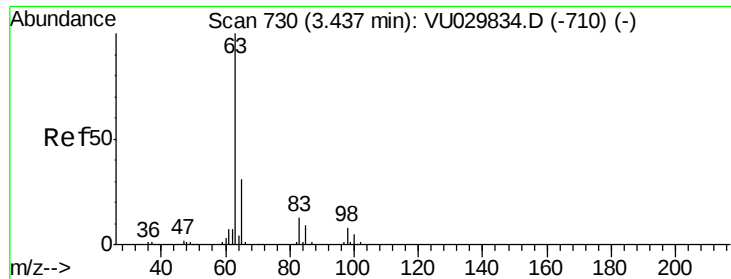
#16
trans-1,2-Dichloroethene
Concen: 1.967 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion: 96 Resp: 36775
Ion Ratio Lower Upper
96 100
61 127.4 104.7 157.1
98 61.7 50.9 76.3



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

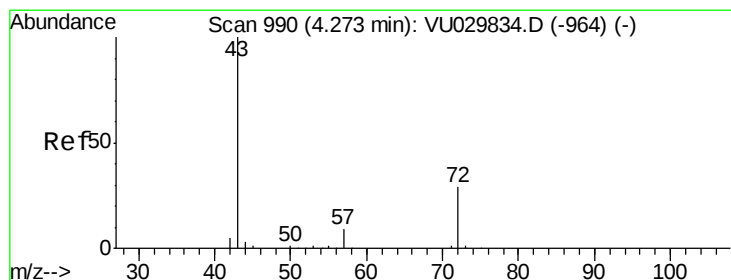
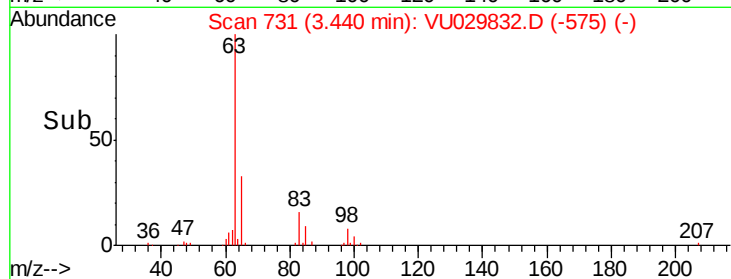
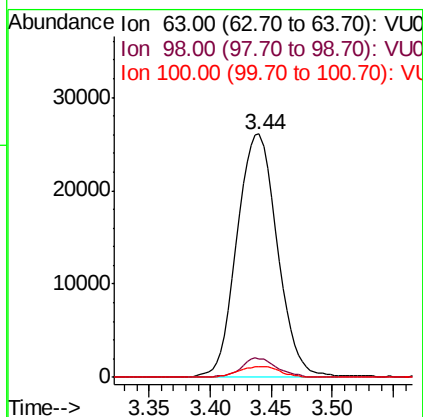
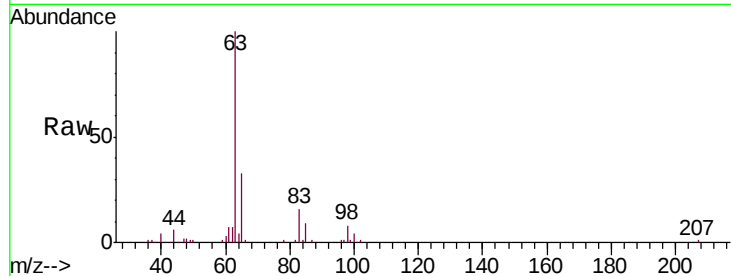




#17
 1,1-Dichloroethane
 Concen: 1.909 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

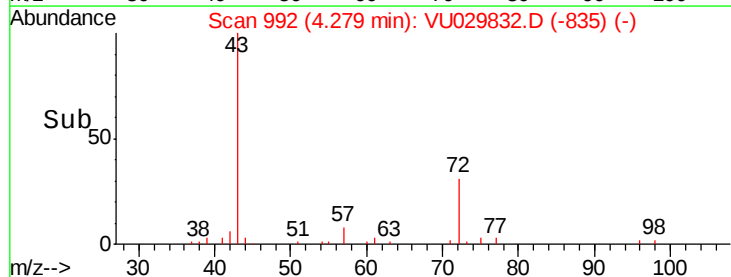
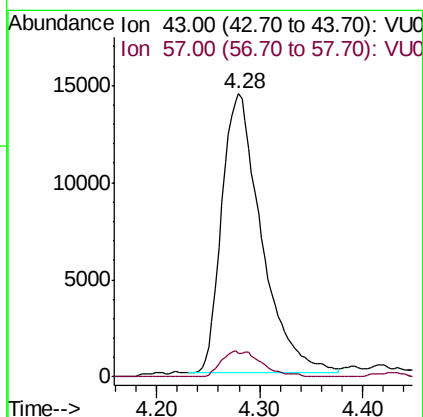
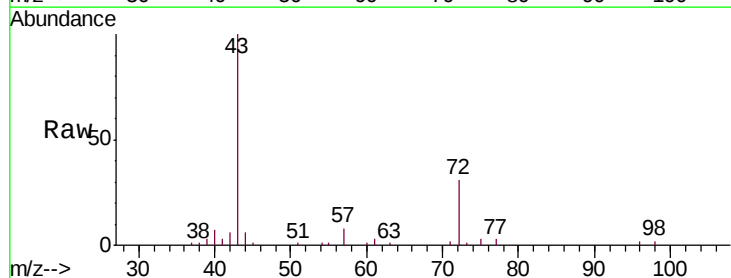
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

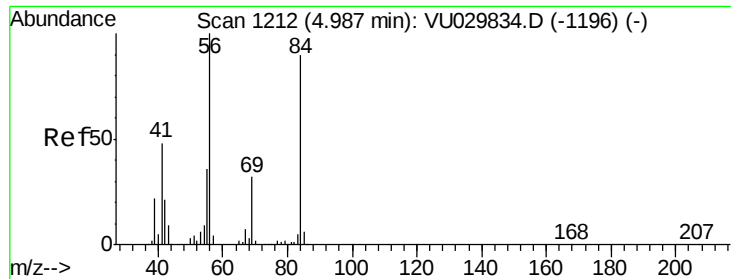
Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.8	11.4
100	4.4	2.4	7.1



#18
 2-Butanone
 Concen: 9.485 ug/l
 RT: 4.28 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.5	0.0	18.6

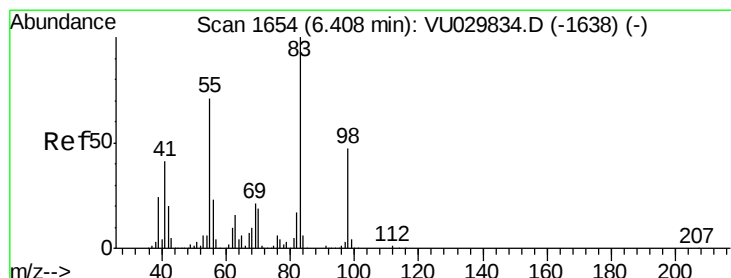
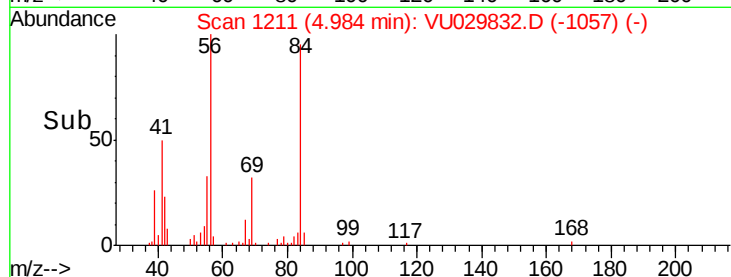
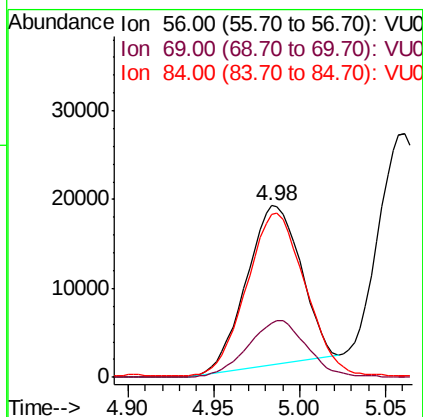
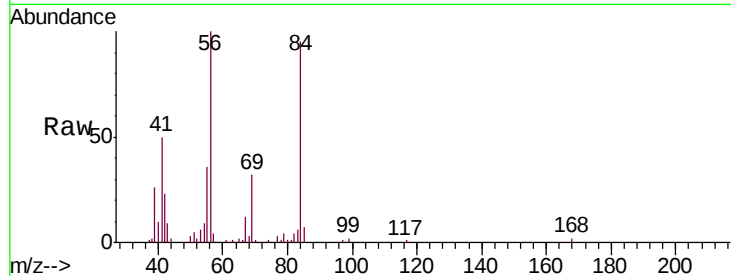




#19
Cyclohexane
Concen: 1.660 ug/l
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

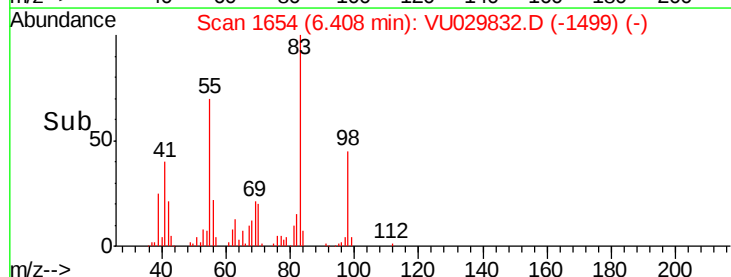
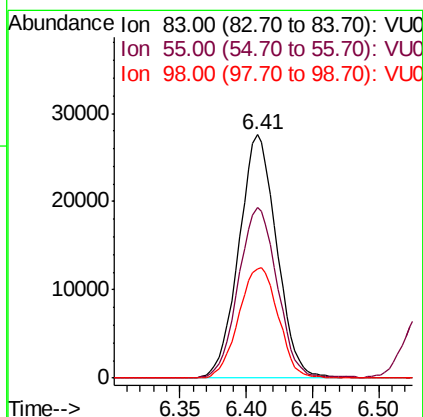
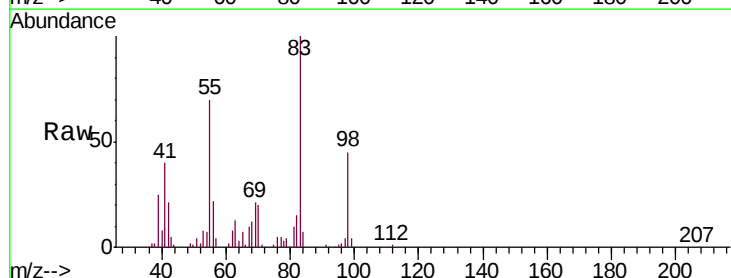
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

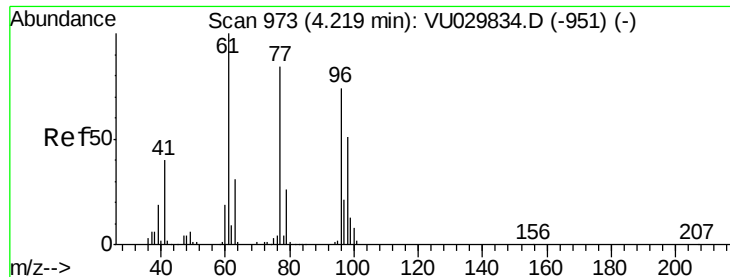
Tgt Ion: 56 Resp: 39402
Ion Ratio Lower Upper
56 100
69 39.0 29.4 44.2
84 112.3 84.6 127.0



#20
Methylcyclohexane
Concen: 1.936 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion: 83 Resp: 54760
Ion Ratio Lower Upper
83 100
55 71.0 55.9 83.9
98 47.2 37.0 55.4





#21

2,2-Dichloropropane

Concen: 1.962 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

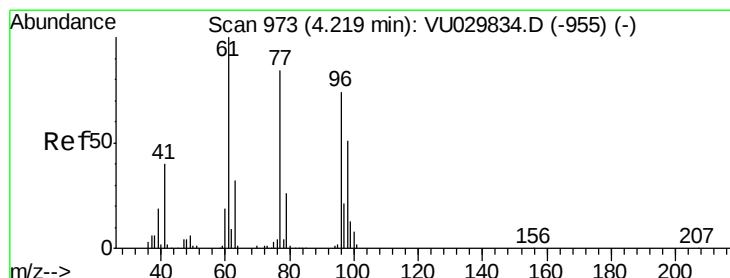
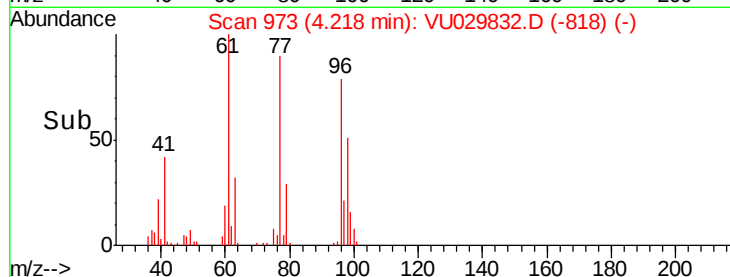
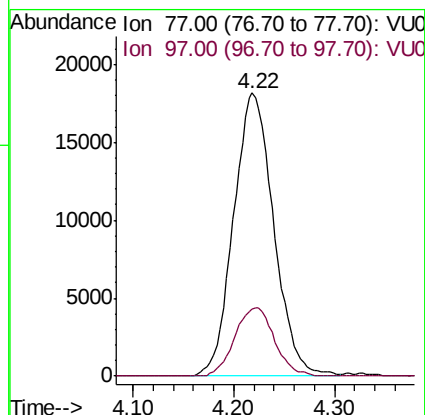
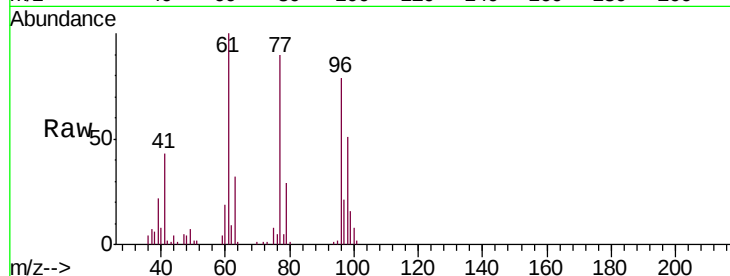
VSTDIC002

Tgt Ion: 77 Resp: 50172

Ion Ratio Lower Upper

77 100

97 23.8 20.2 30.2



#22

cis-1,2-Dichloroethene

Concen: 1.913 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

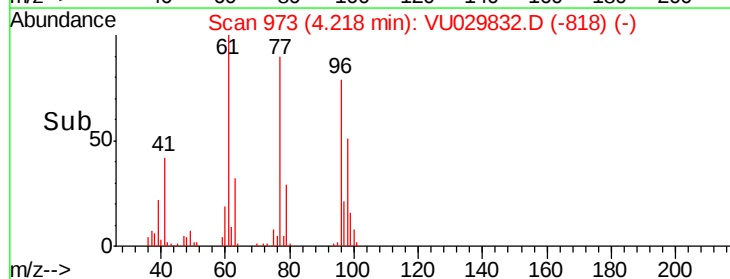
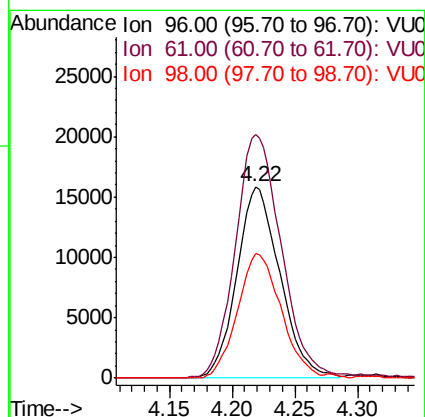
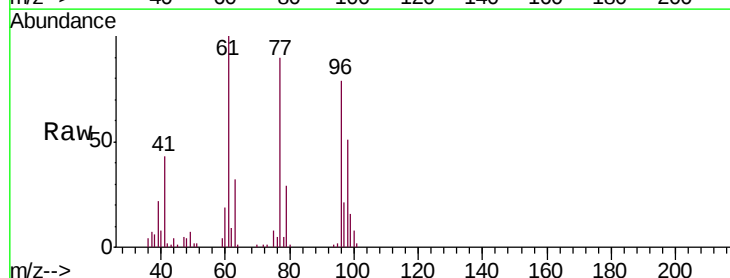
Tgt Ion: 96 Resp: 37894

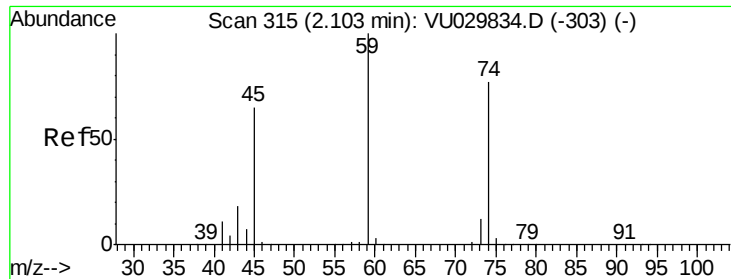
Ion Ratio Lower Upper

96 100

61 135.6 0.0 339.0

98 65.5 33.1 99.5

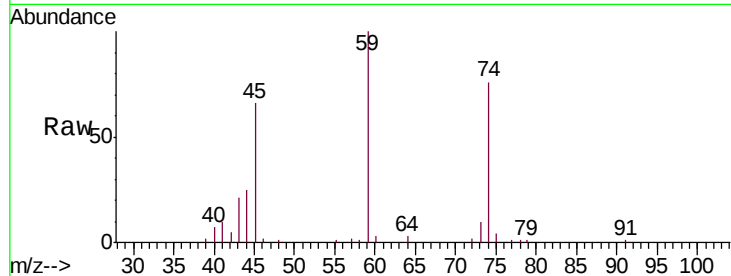




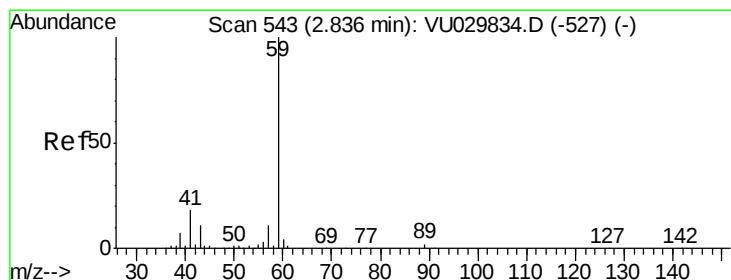
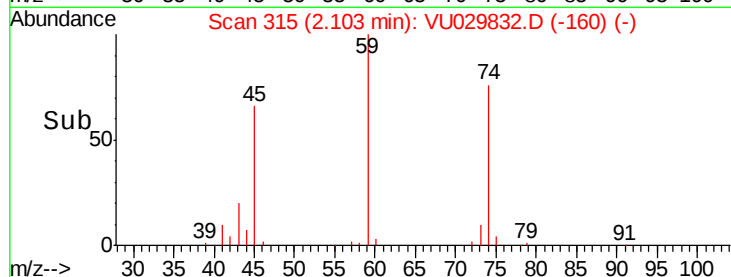
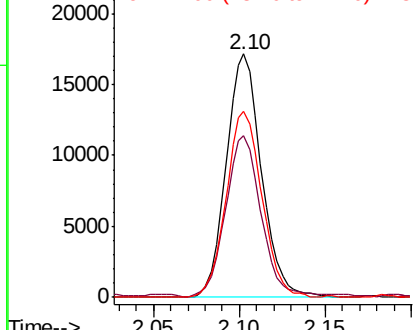
#23
Diethyl Ether
Concen: 1.976 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 59 Resp: 24511
Ion Ratio Lower Upper
59 100
45 67.5 52.7 79.1
74 77.6 61.8 92.6

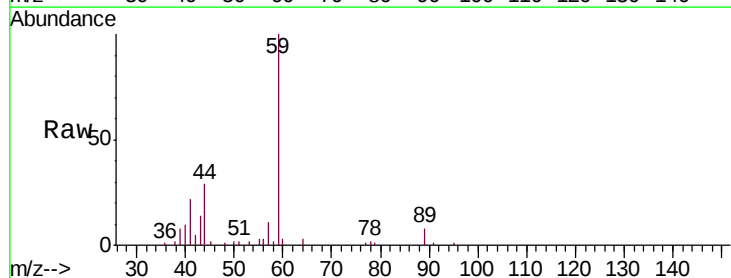


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

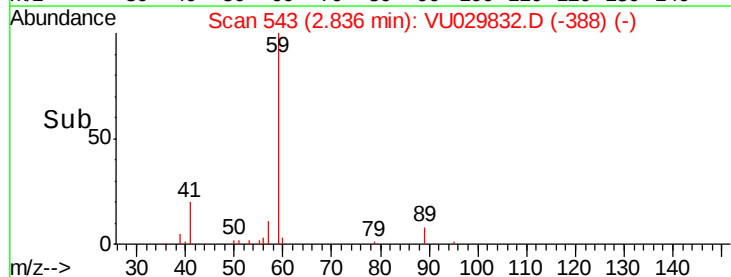
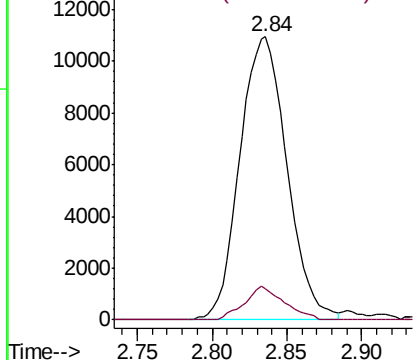


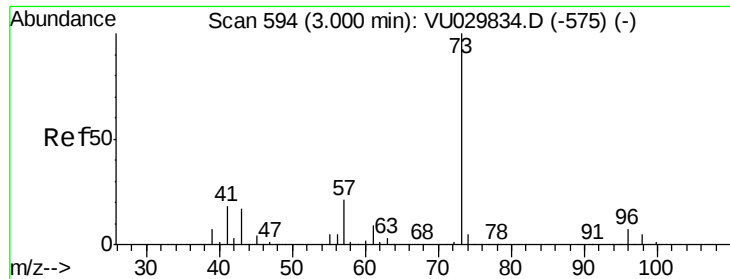
#24
tert-Butyl Alcohol
Concen: 18.758 ug/l
RT: 2.84 min Scan# 543
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion: 59 Resp: 24008
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7



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





#25

Methyl tert-Butyl Ether

Concen: 1.963 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

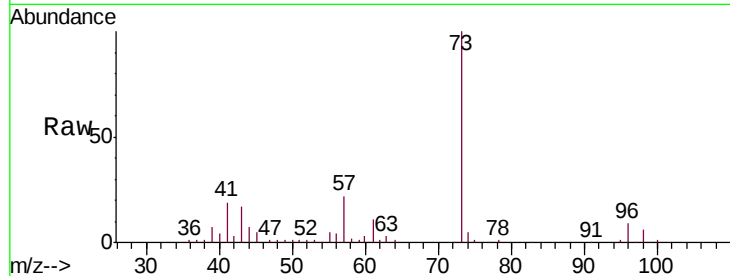
VSTDIC002

Tgt Ion: 73 Resp: 81790

Ion Ratio Lower Upper

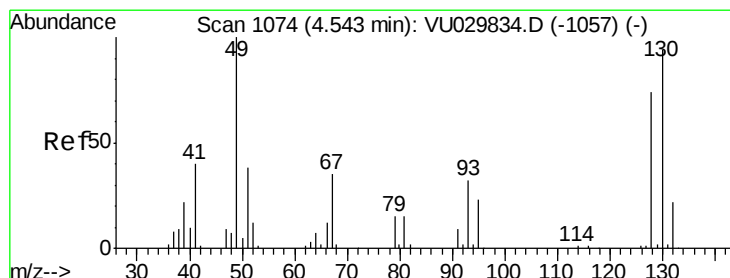
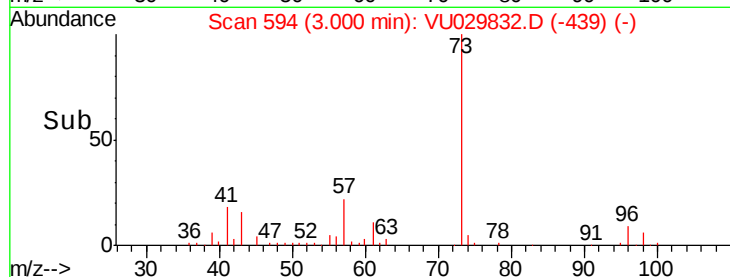
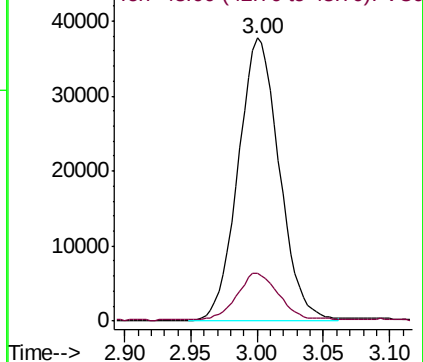
73 100

43 17.0 13.1 19.7



Abundance Ion 73.00 (72.70 to 73.70): VU029834.D (-575) (-)

Ion 43.00 (42.70 to 43.70): VU029834.D (-575) (-)



#26

Bromochloromethane

Concen: 1.959 ug/l

RT: 4.55 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

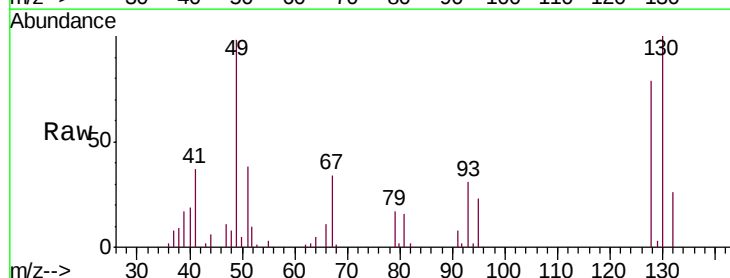
Tgt Ion: 128 Resp: 17231

Ion Ratio Lower Upper

128 100

49 134.0 0.0 270.6

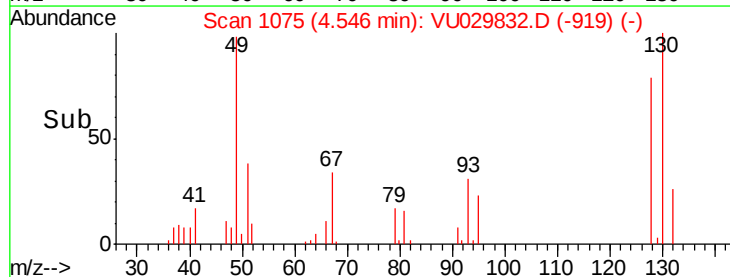
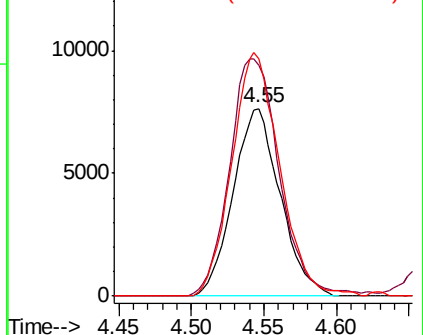
130 132.0 104.2 156.4

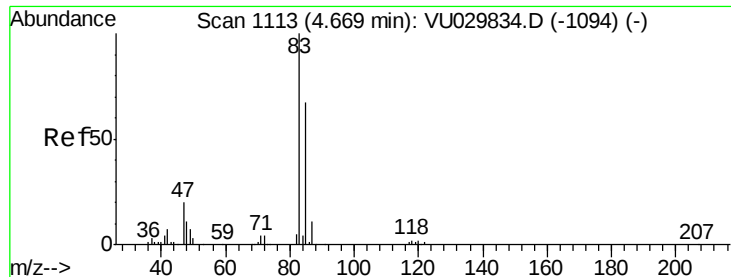


Abundance Ion 128.00 (127.70 to 128.70): VU029834.D (-1057) (-)

Ion 49.00 (48.70 to 49.70): VU029834.D (-1057) (-)

Ion 130.00 (129.70 to 130.70): VU029834.D (-1057) (-)

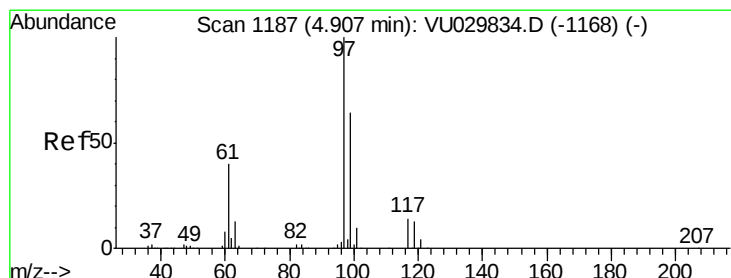
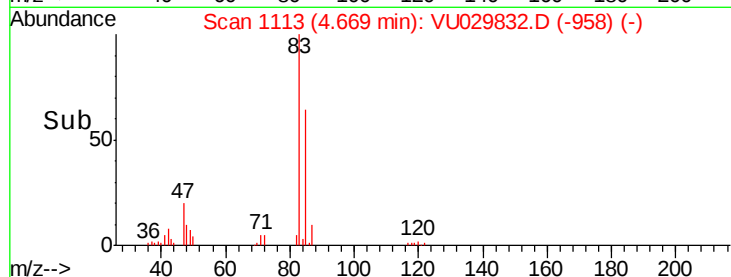
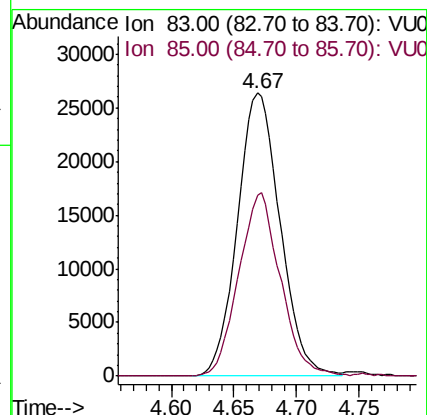
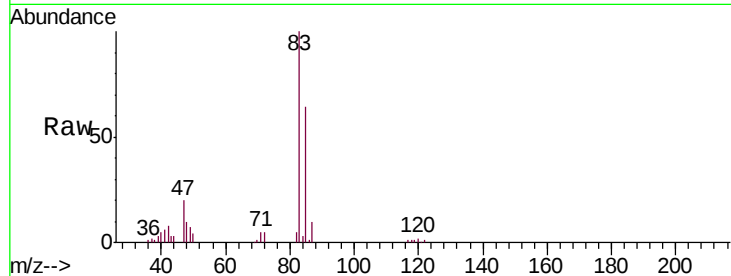




#27
Chloroform
Concen: 1.973 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

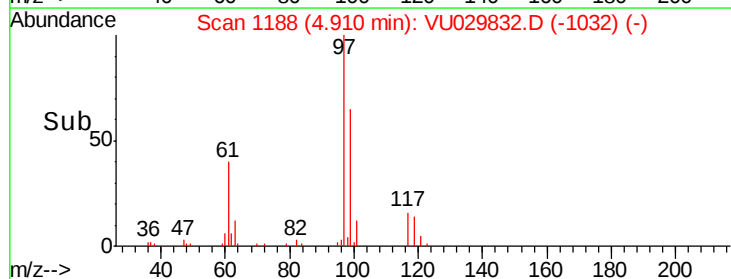
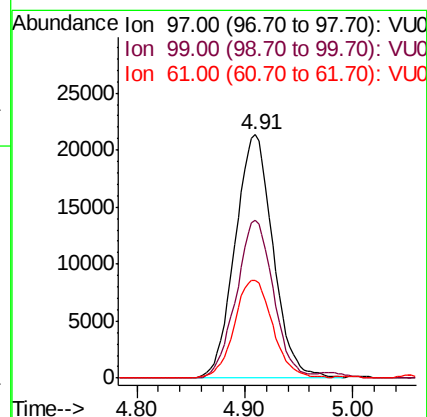
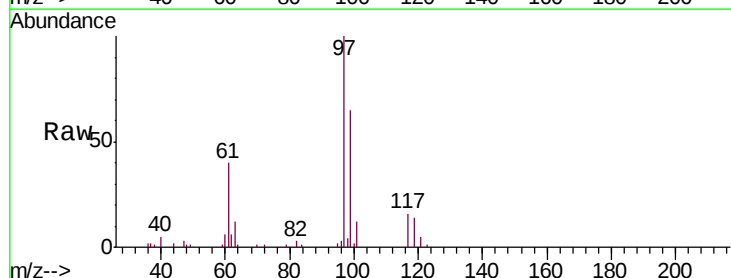
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

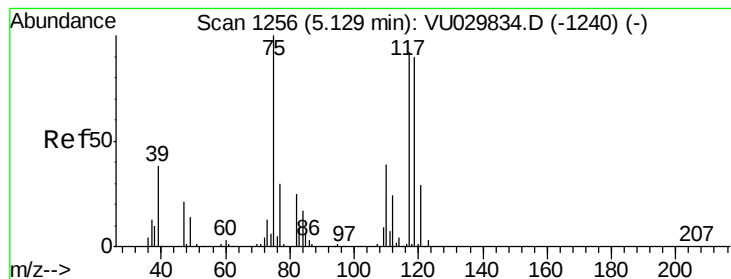
Tgt Ion: 83 Resp: 62477
Ion Ratio Lower Upper
83 100
85 63.8 0.0 133.2



#28
1,1,1-Trichloroethane
Concen: 1.951 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion: 97 Resp: 52397
Ion Ratio Lower Upper
97 100
99 63.2 31.9 95.9
61 40.6 20.4 61.3





#29

1,1-Dichloropropene

Concen: 1.941 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

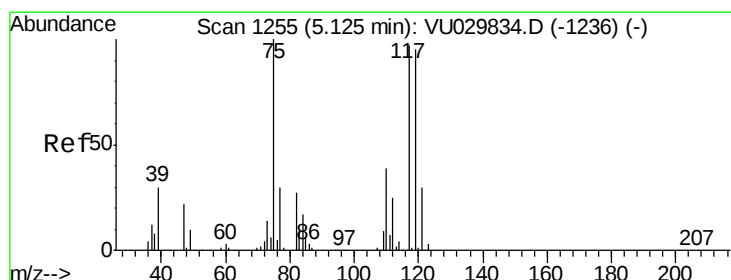
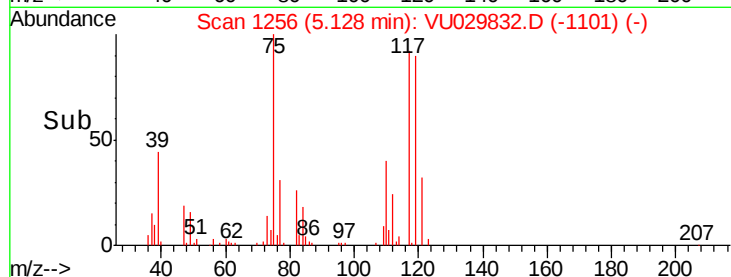
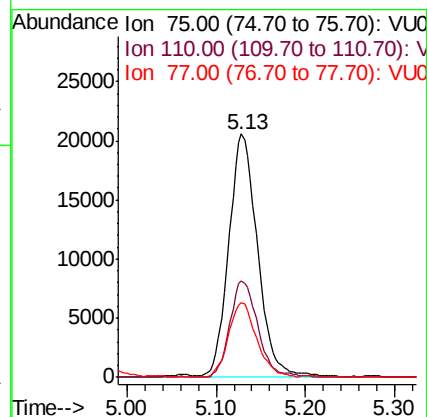
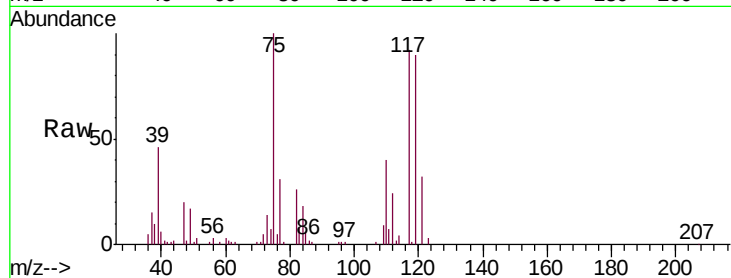
Tgt Ion: 75 Resp: 46320

Ion Ratio Lower Upper

75 100

110 38.4 19.1 57.5

77 29.9 23.9 35.9



#30

Carbon Tetrachloride

Concen: 1.914 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

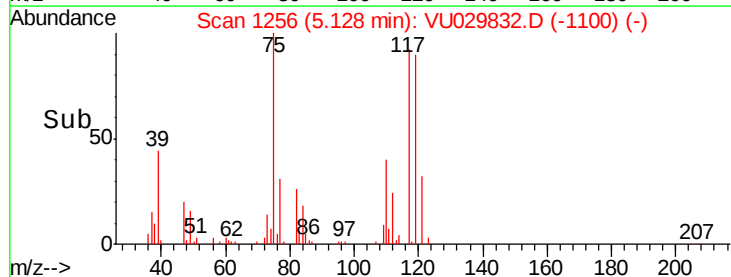
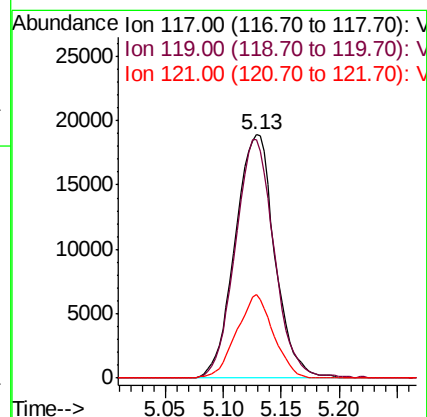
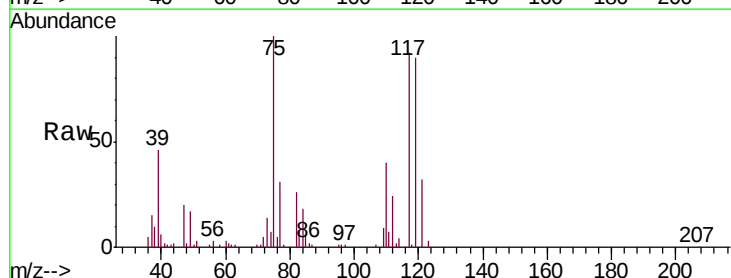
Tgt Ion: 117 Resp: 44833

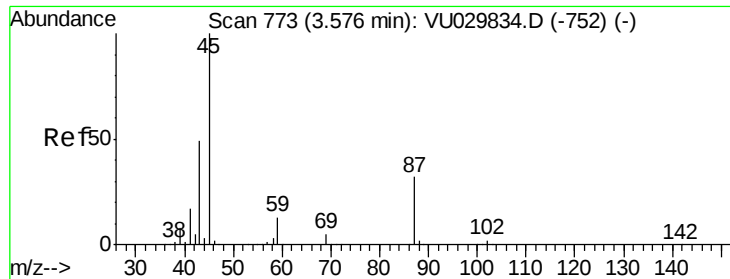
Ion Ratio Lower Upper

117 100

119 98.2 78.4 117.6

121 34.4 25.0 37.4

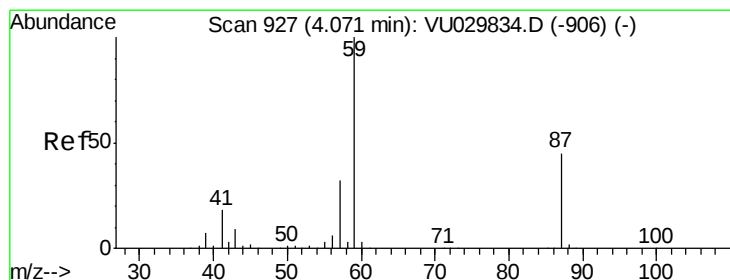
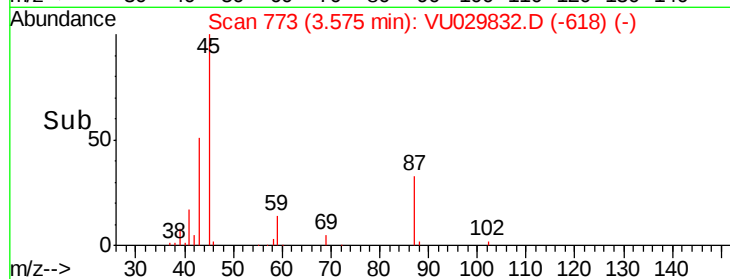
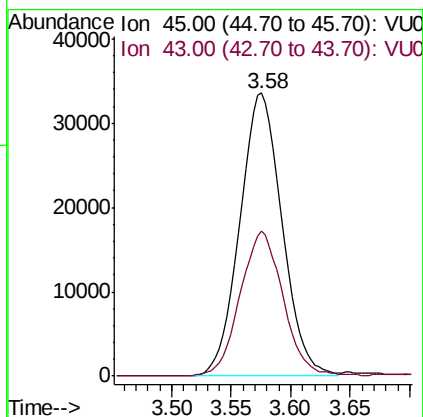
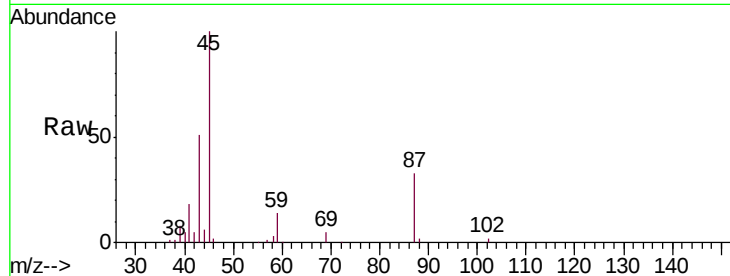




#31
Isopropyl Ether
Concen: 1.917 ug/l
RT: 3.58 min Scan# 773
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

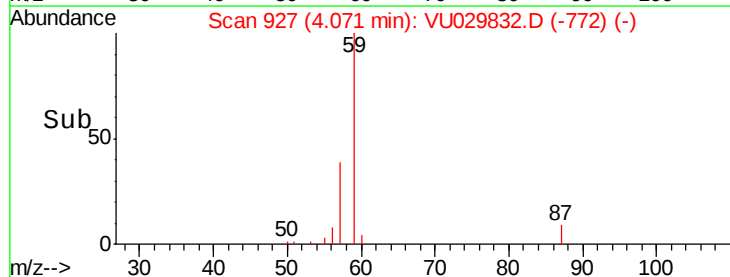
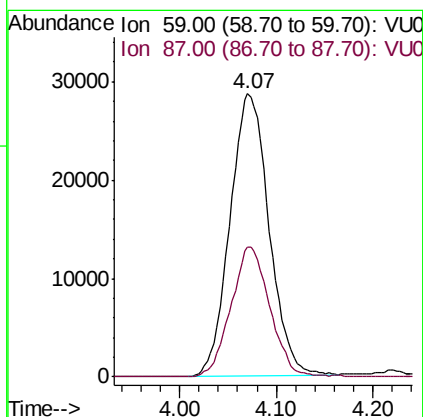
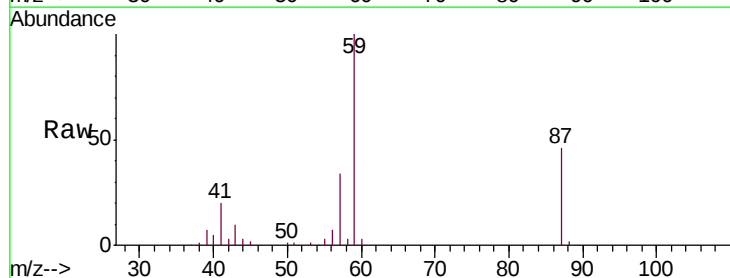
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

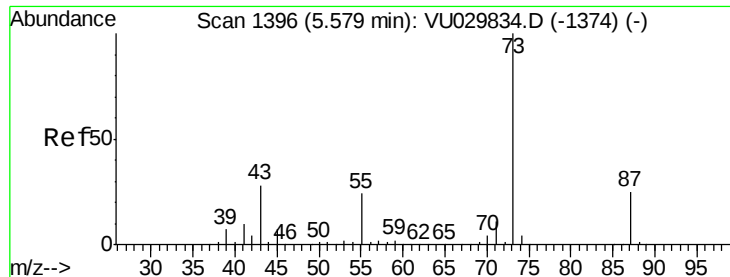
Tgt Ion: 45 Resp: 82701
Ion Ratio Lower Upper
45 100
43 52.3 24.3 72.9



#32
Ethyl-t-butyl ether
Concen: 1.916 ug/l
RT: 4.07 min Scan# 927
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion: 59 Resp: 80362
Ion Ratio Lower Upper
59 100
87 45.4 36.2 54.4

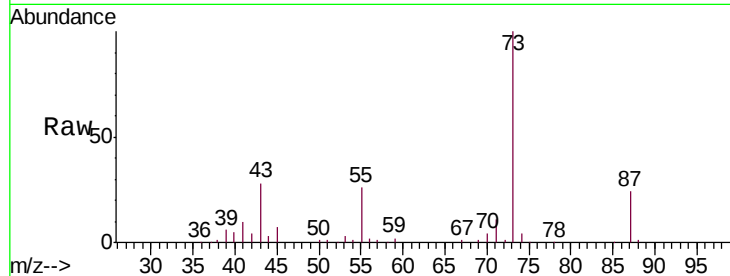




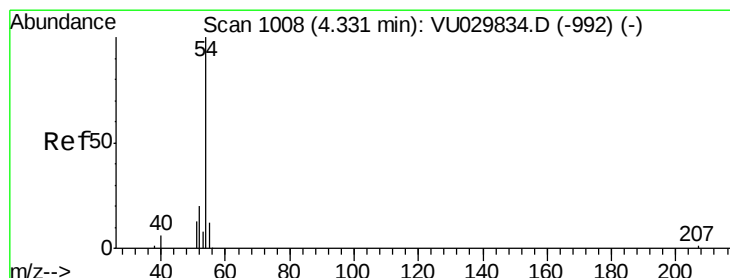
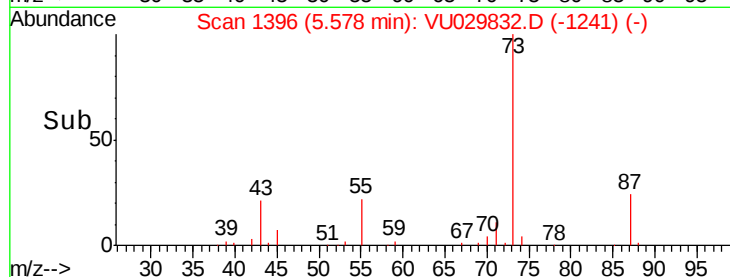
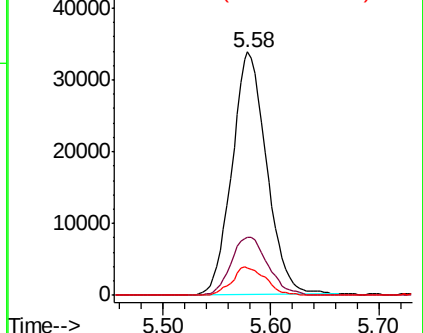
#33
Tert-Amyl methyl ether
Concen: 1.941 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 73 Resp: 75265
Ion Ratio Lower Upper
73 100
87 25.6 19.7 29.5
71 11.5 9.4 14.2

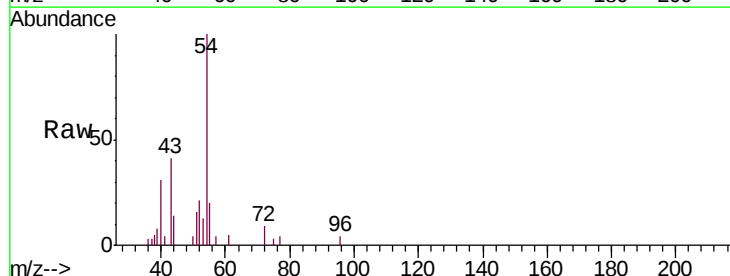


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

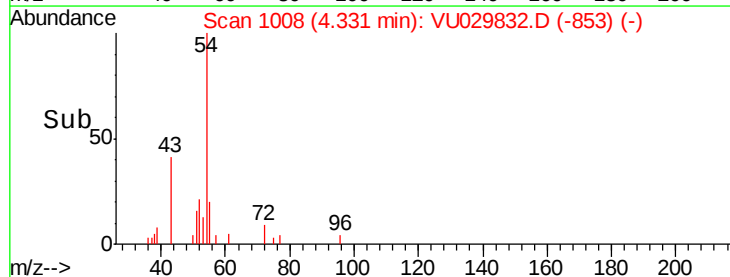
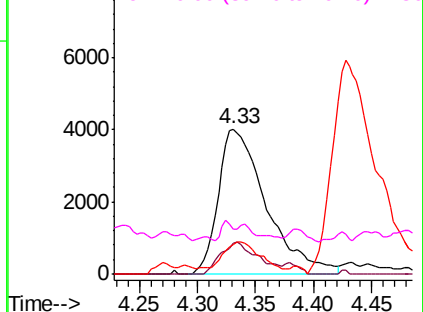


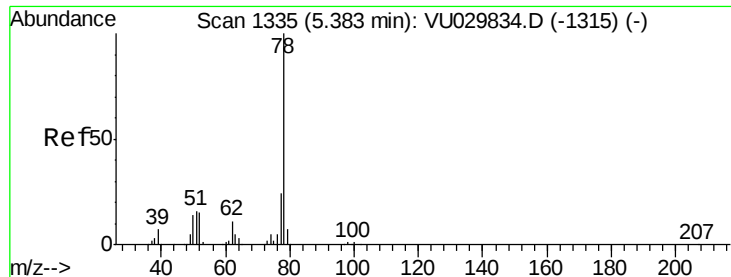
#34
Propionitrile
Concen: 9.537 ug/l
RT: 4.33 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion: 54 Resp: 11522
Ion Ratio Lower Upper
54 100
52 17.2 16.1 24.1
55 13.4 11.2 16.8
40 1.8 4.7 7.1#



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

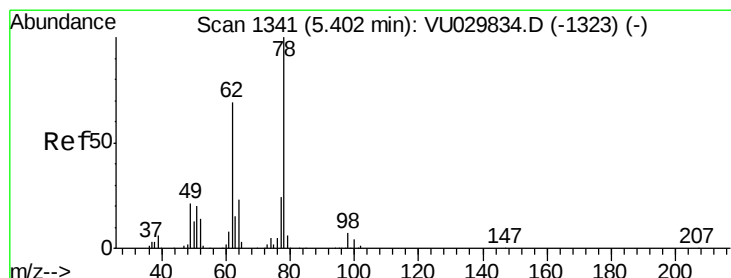
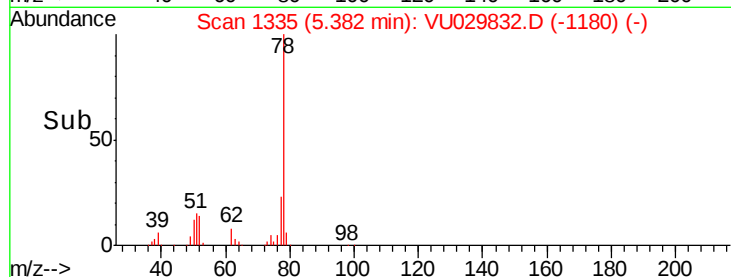
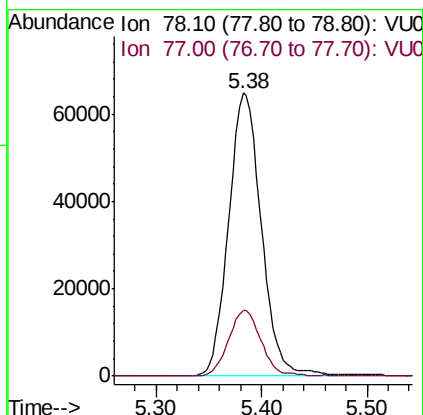
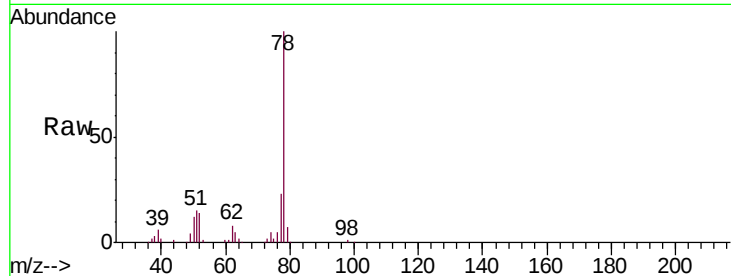




#35
Benzene
Concen: 1.982 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

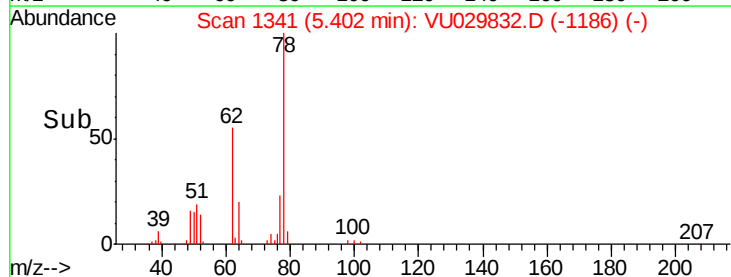
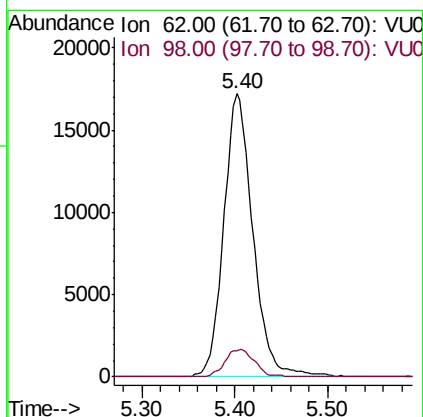
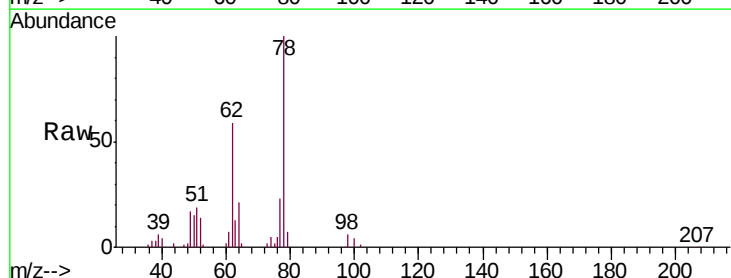
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

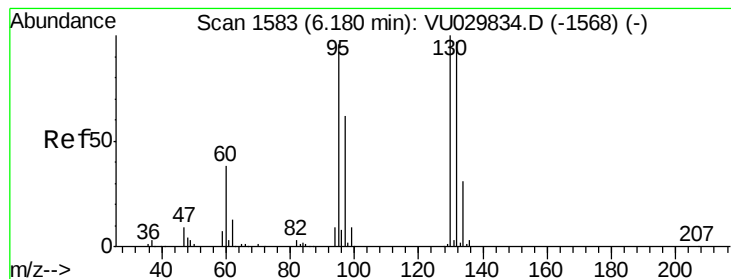
Tgt Ion: 78 Resp: 139351
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8



#36
1,2-Dichloroethane
Concen: 1.951 ug/l
RT: 5.40 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion: 62 Resp: 37469
Ion Ratio Lower Upper
62 100
98 9.8 8.2 12.2





#37

Trichloroethene

Concen: 1.943 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

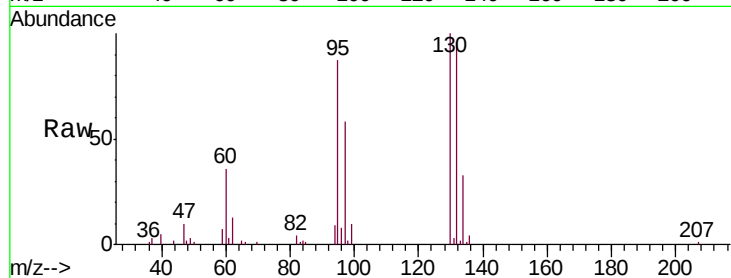
VSTDIC002

Tgt Ion:130 Resp: 39881

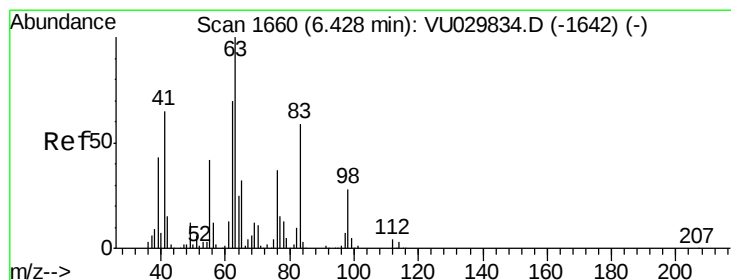
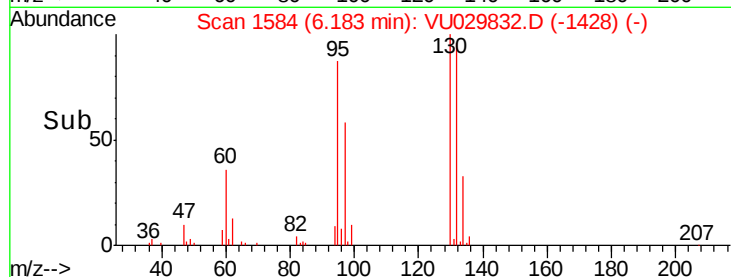
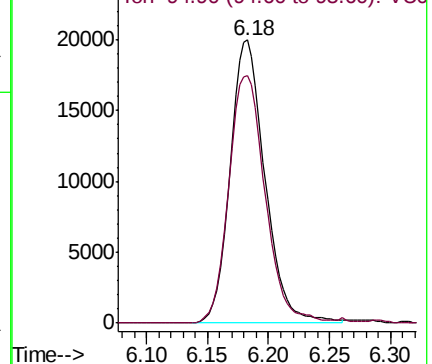
Ion Ratio Lower Upper

130 100

95 87.4 76.6 114.8



Abundance Ion 129.90 (129.60 to 130.60): VU029834.D (-1568) (-)



#38

1,2-Dichloropropane

Concen: 1.954 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VU029832.D

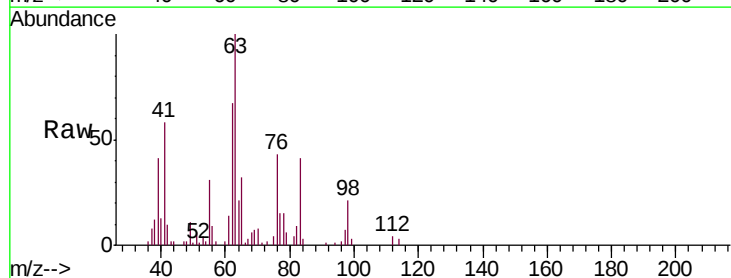
Acq: 06 Mar 2019 10:20

Tgt Ion: 63 Resp: 34771

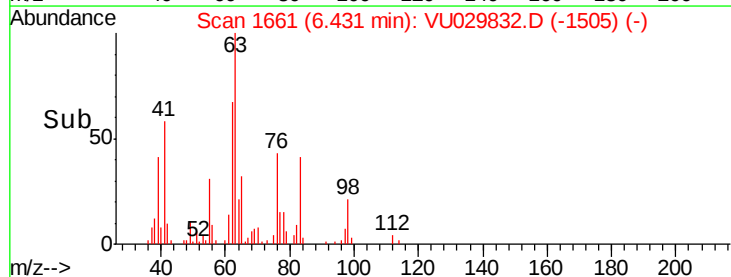
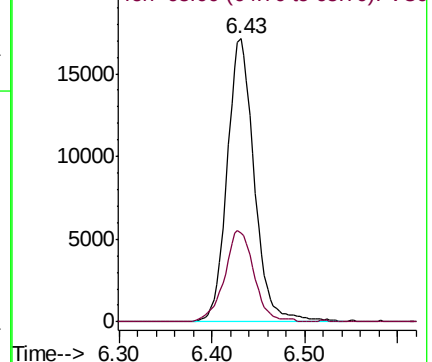
Ion Ratio Lower Upper

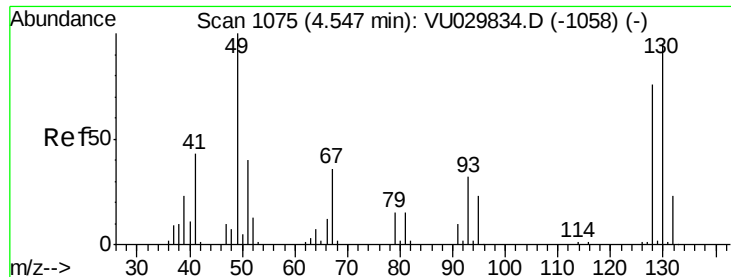
63 100

65 31.5 25.4 38.2



Abundance Ion 63.00 (62.70 to 63.70): VU029834.D (-1642) (-)

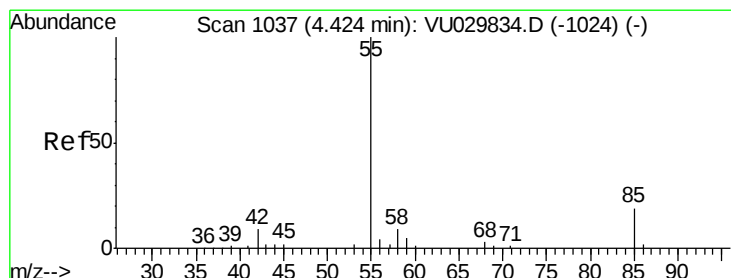
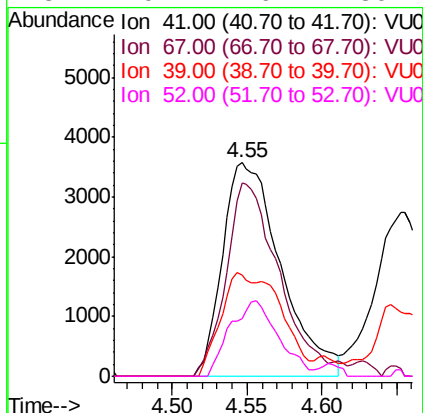
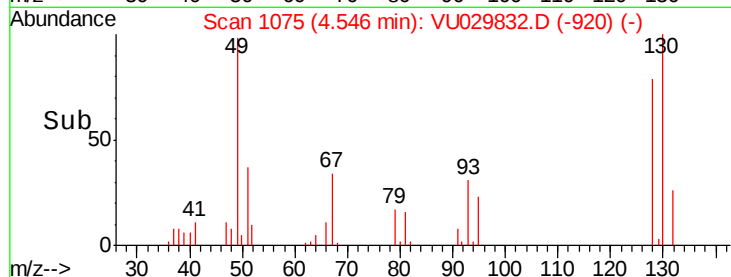
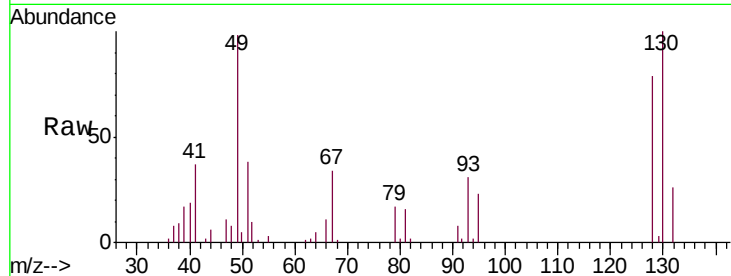




#39
Methacrylonitrile
Concen: 1.902 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

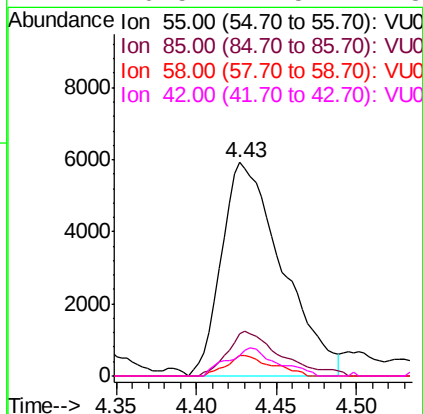
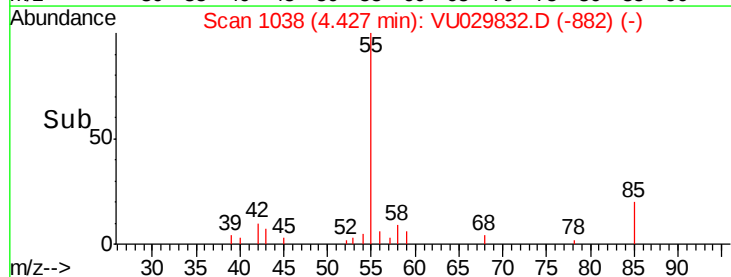
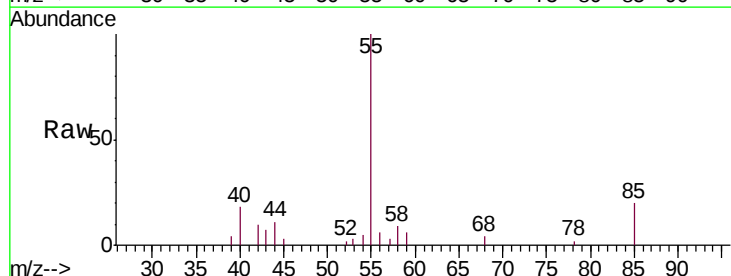
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

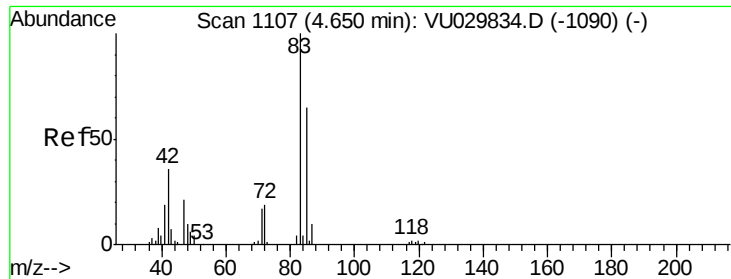
Tgt Ion:	41	Resp:	9665
Ion	Ratio	Lower	Upper
41	100		
67	81.9	68.4	102.6
39	49.8	42.6	63.8
52	29.4	26.2	39.4



#40
Methyl acrylate
Concen: 1.919 ug/l
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion:	55	Resp:	15417
Ion	Ratio	Lower	Upper
55	100		
85	17.6	15.2	22.8
58	7.1	7.6	11.4#
42	10.5	7.5	11.3

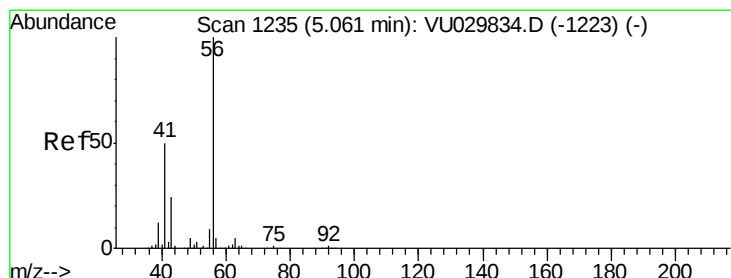
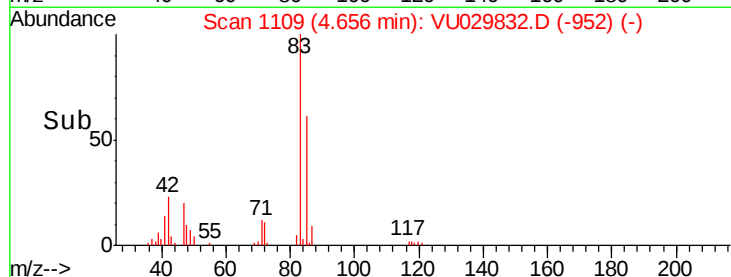
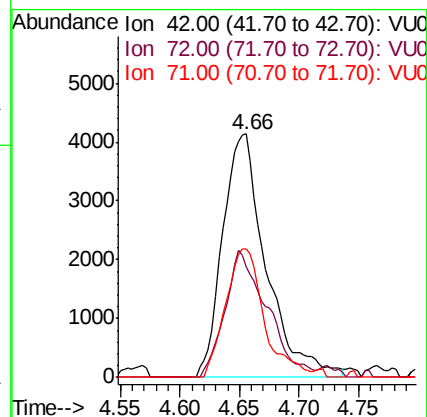
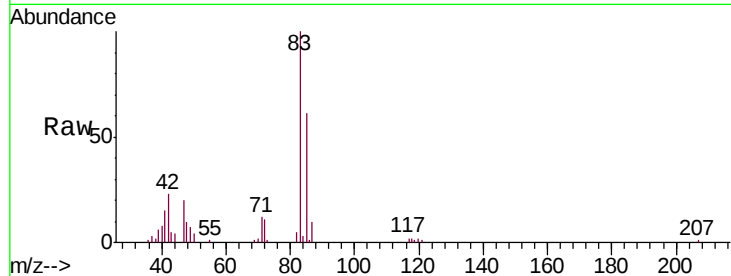




#41
Tetrahydrofuran
Concen: 3.935 ug/l
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

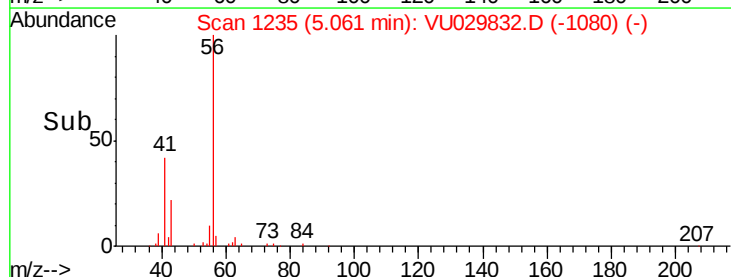
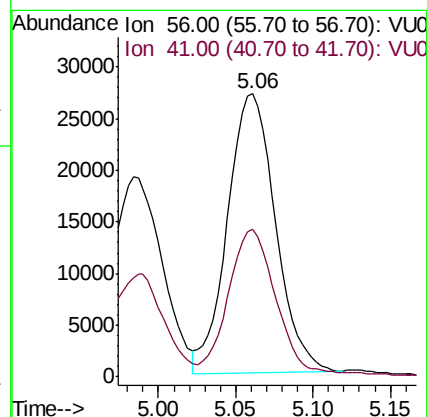
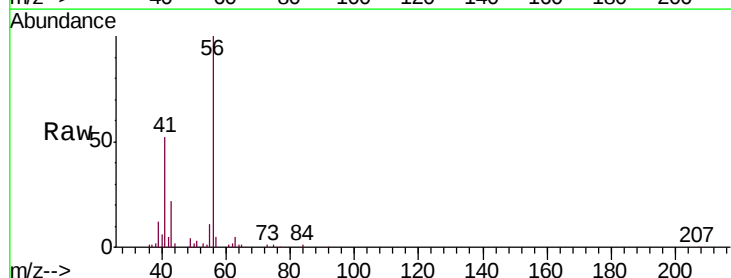
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

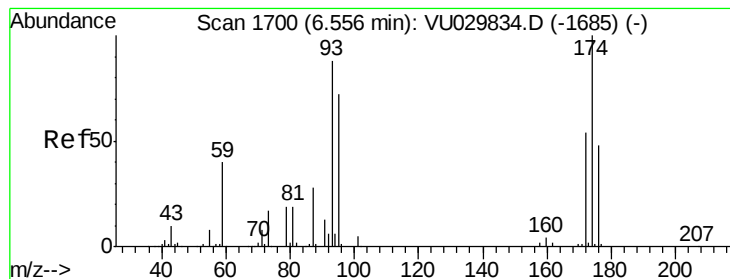
Tgt Ion: 42 Resp: 10459
Ion Ratio Lower Upper
42 100
72 50.5 43.6 65.4
71 46.9 37.5 56.3



#42
1-Chlorobutane
Concen: 1.915 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion: 56 Resp: 58373
Ion Ratio Lower Upper
56 100
41 49.9 25.0 75.0





#43

Dibromomethane

Concen: 1.945 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

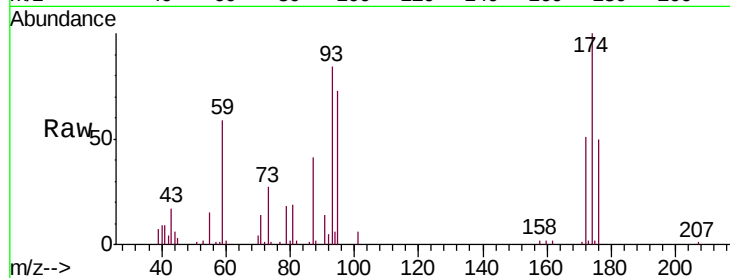
Tgt Ion: 93 Resp: 17936

Ion Ratio Lower Upper

93 100

95 86.5 67.0 100.6

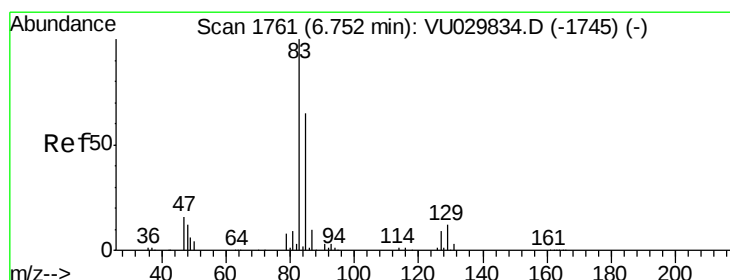
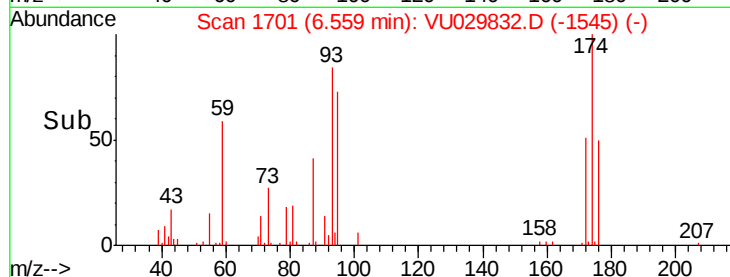
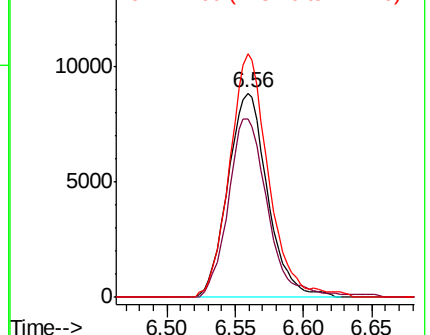
174 117.3 91.4 137.2



Abundance Ion 93.00 (92.70 to 93.70): VU029834.D (-1685) (-)

Ion 95.00 (94.70 to 95.70): VU029834.D (-1685) (-)

Ion 174.00 (173.70 to 174.70): VU029834.D (-1685) (-)



#44

Bromodichloromethane

Concen: 1.922 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

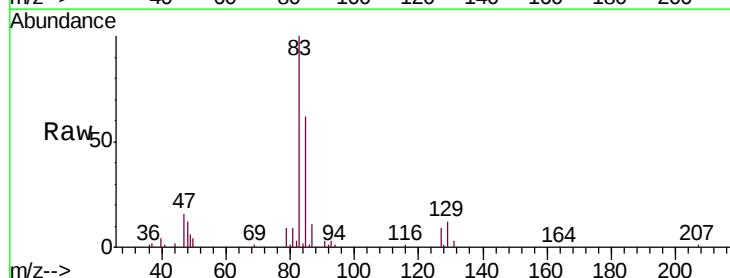
Tgt Ion: 83 Resp: 43530

Ion Ratio Lower Upper

83 100

85 62.1 51.7 77.5

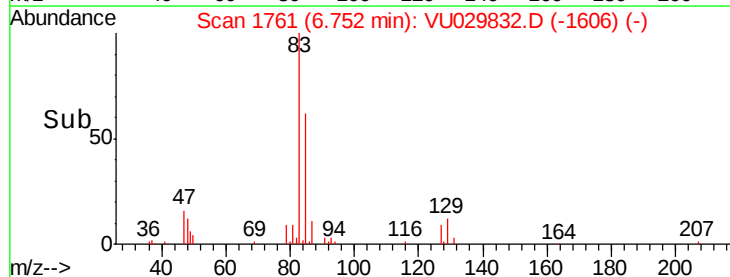
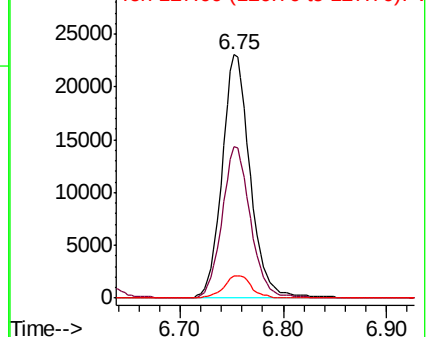
127 9.2 7.4 11.2

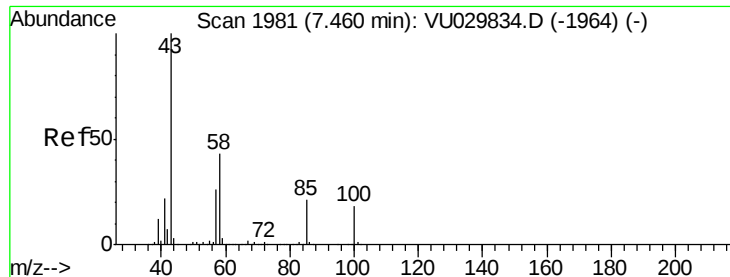


Abundance Ion 83.00 (82.70 to 83.70): VU029834.D (-1745) (-)

Ion 85.00 (84.70 to 85.70): VU029834.D (-1745) (-)

Ion 127.00 (126.70 to 127.70): VU029834.D (-1745) (-)

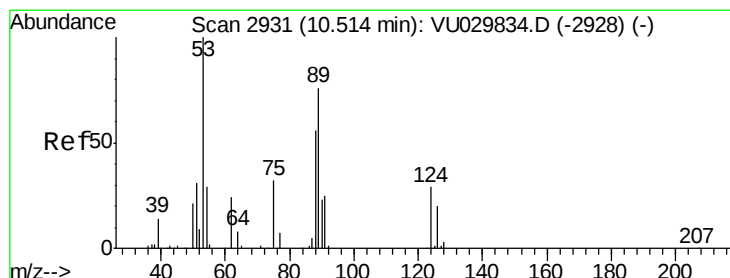
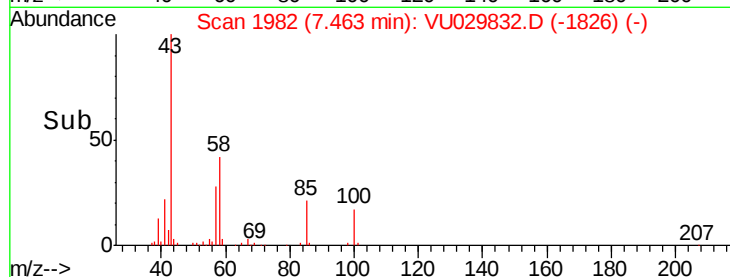
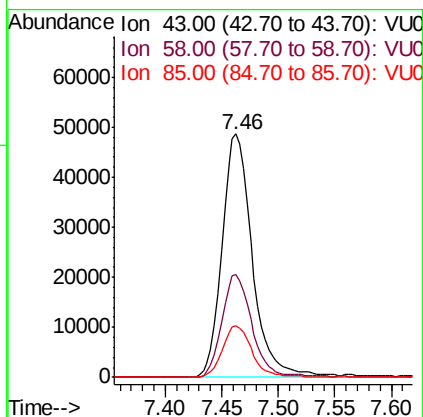
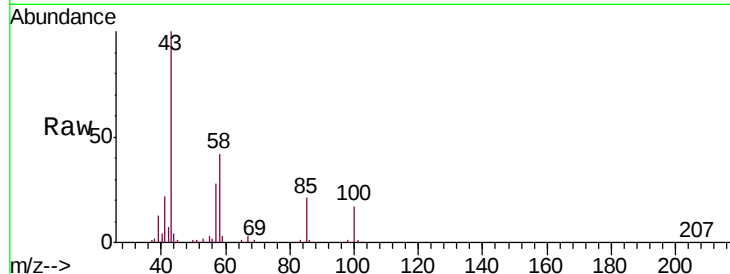




#45
4-Methyl-2-Pentanone
Concen: 9.431 ug/l
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

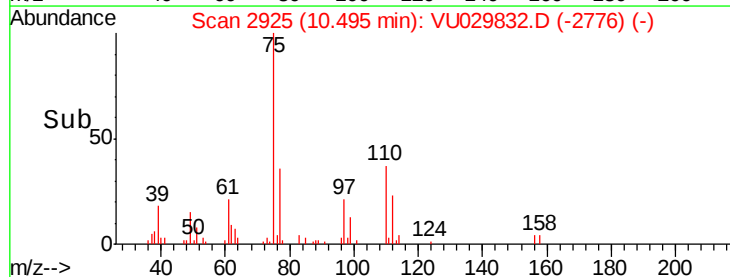
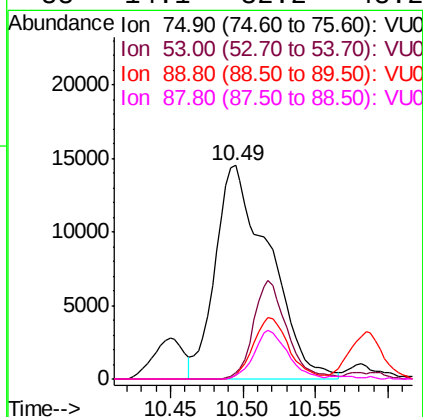
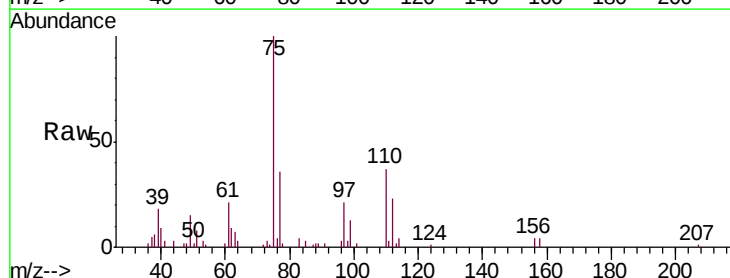
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

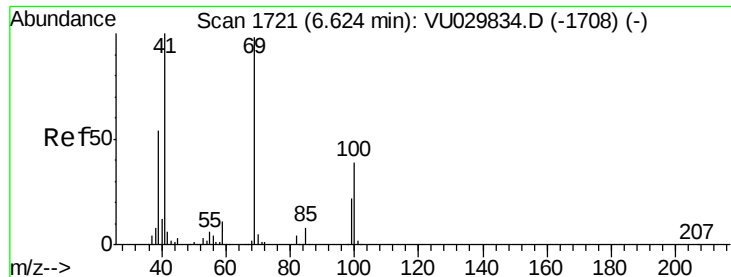
Tgt Ion: 43 Resp: 90718
Ion Ratio Lower Upper
43 100
58 42.1 21.6 65.0
85 20.6 16.5 24.7



#46
t-1,4-Dichloro-2-butene
Concen: 9.004 ug/l
RT: 10.49 min Scan# 2925
Delta R.T. -0.02 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion: 75 Resp: 37703
Ion Ratio Lower Upper
75 100
53 28.5 59.2 88.8#
89 19.0 44.9 67.3#
88 14.1 32.2 48.2#

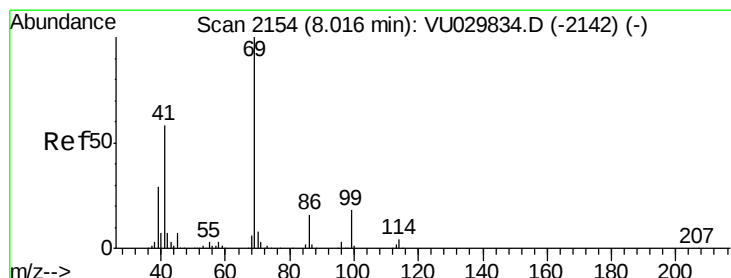
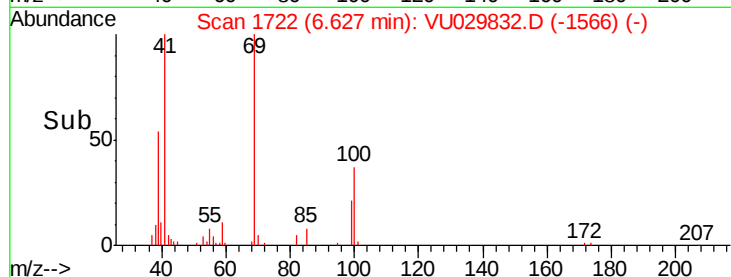
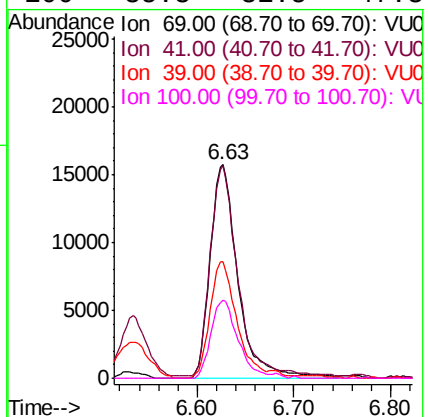
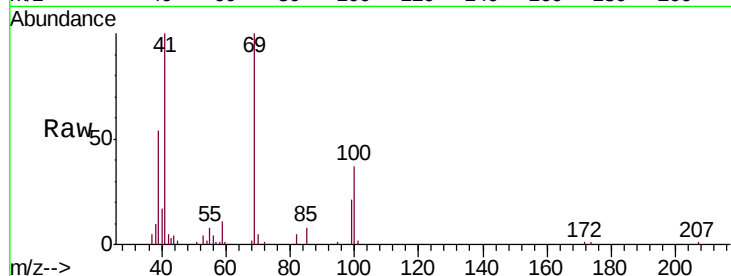




#47
Methyl methacrylate
Concen: 3.984 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

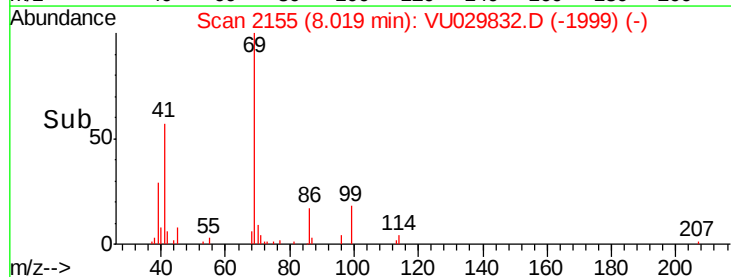
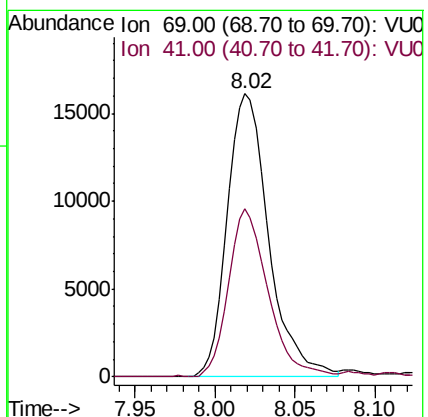
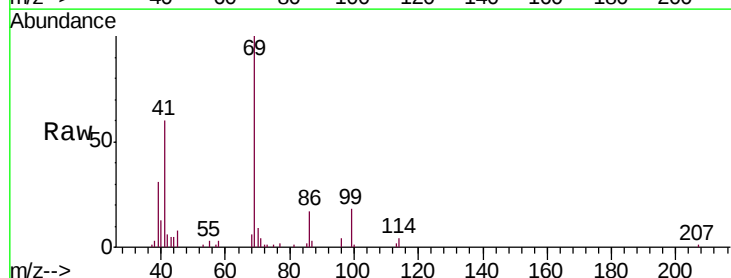
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

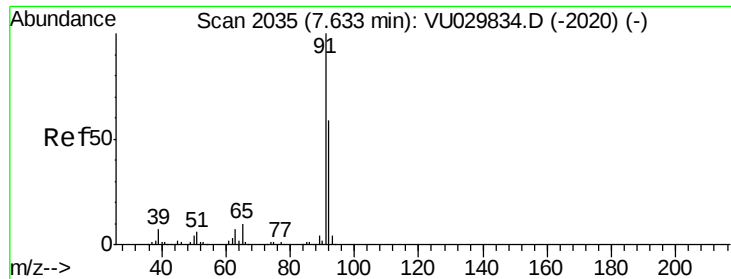
Tgt Ion: 69 Resp: 31530
Ion Ratio Lower Upper
69 100
41 94.7 0.0 201.0
39 52.1 43.3 64.9
100 35.3 31.5 47.3



#48
Ethyl methacrylate
Concen: 1.884 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion: 69 Resp: 28576
Ion Ratio Lower Upper
69 100
41 56.8 29.0 87.1





#49

Toluene

Concen: 1.921 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

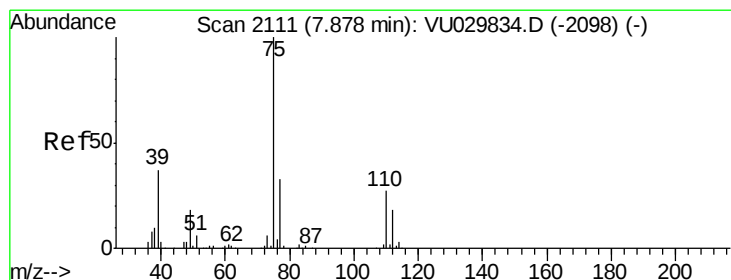
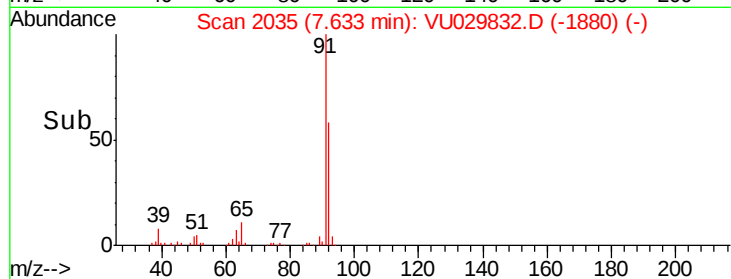
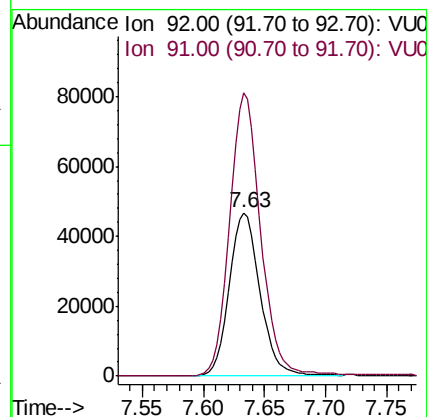
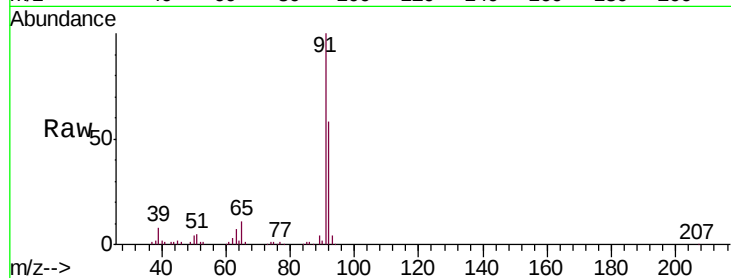
VSTDIC002

Tgt Ion: 92 Resp: 82924

Ion Ratio Lower Upper

92 100

91 174.1 137.8 206.8



#50

t-1,3-Dichloropropene

Concen: 1.850 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029832.D

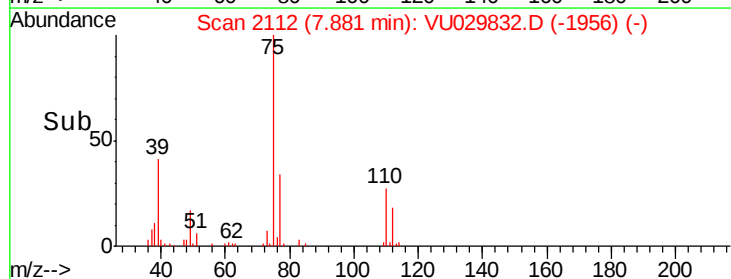
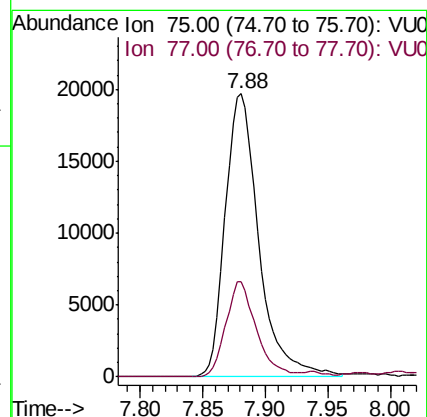
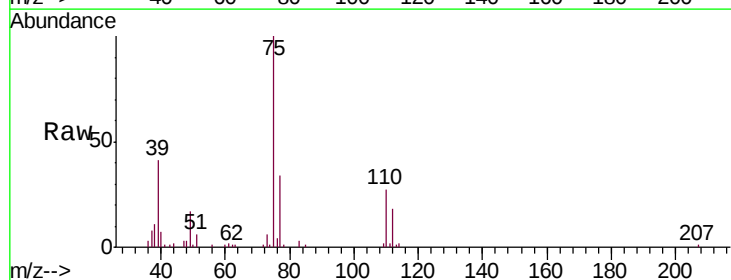
Acq: 06 Mar 2019 10:20

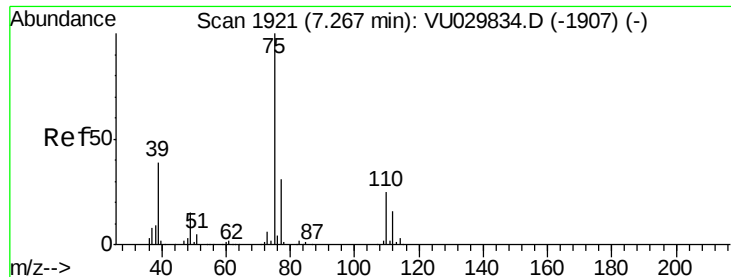
Tgt Ion: 75 Resp: 36725

Ion Ratio Lower Upper

75 100

77 33.8 26.4 39.6



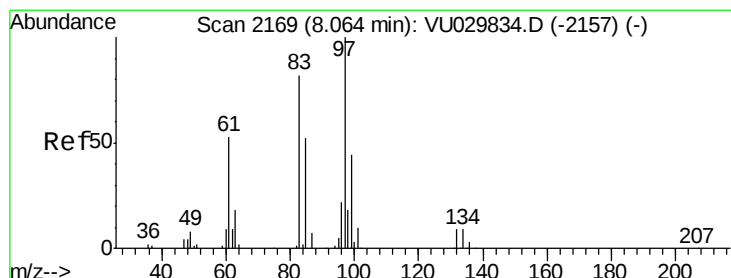
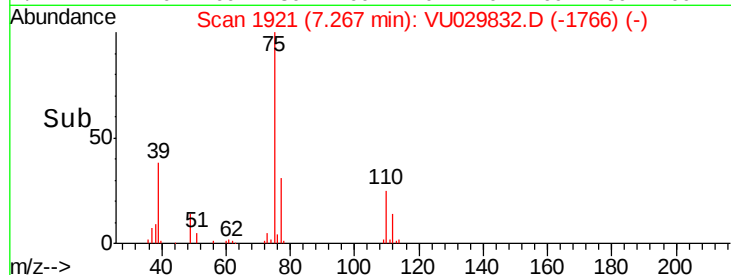
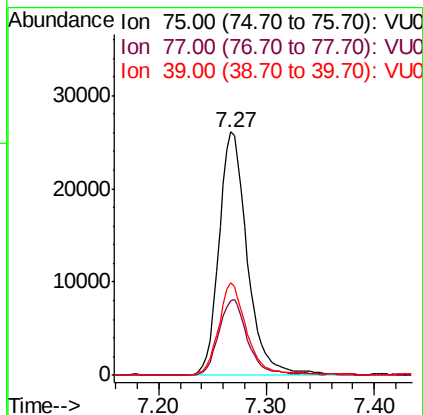
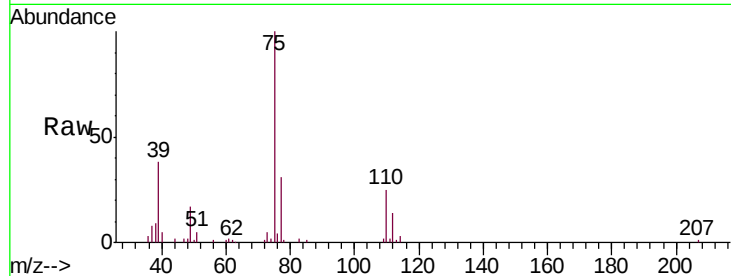


#51

cis-1,3-Dichloropropene
Concen: 1.942 ug/l
RT: 7.27 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

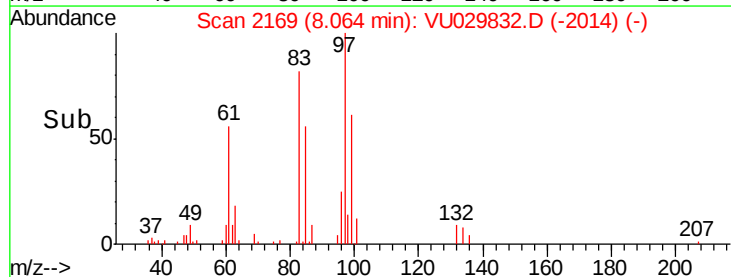
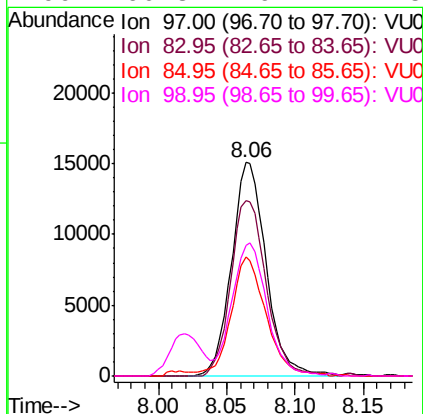
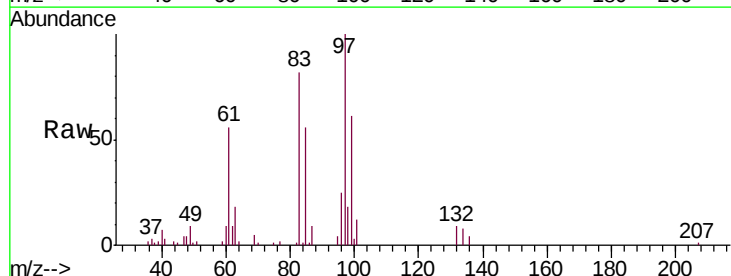
Tgt Ion: 75 Resp: 47726
Ion Ratio Lower Upper
75 100
77 30.6 24.9 37.3
39 38.2 30.8 46.2

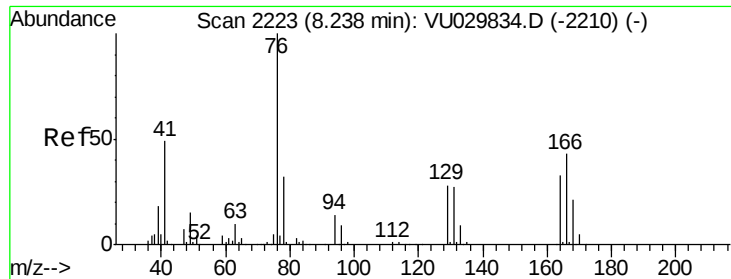


#52

1,1,2-Trichloroethane
Concen: 1.947 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion: 97 Resp: 26574
Ion Ratio Lower Upper
97 100
83 82.3 65.9 98.9
85 54.9 43.0 64.6
99 60.3 49.7 74.5

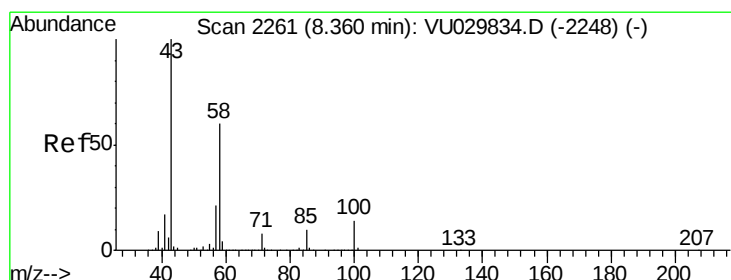
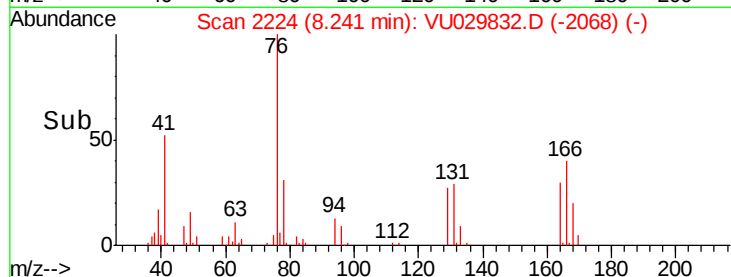
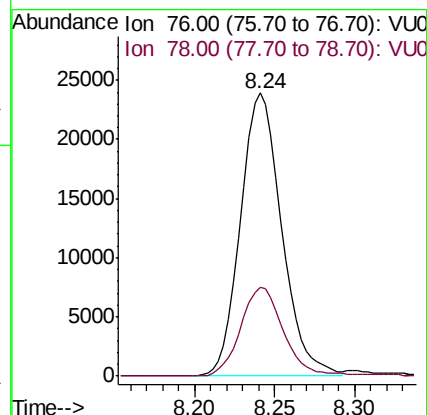
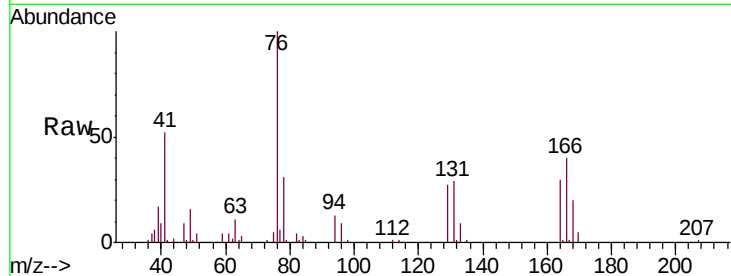




#53
 1,3-Dichloropropane
 Concen: 1.879 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

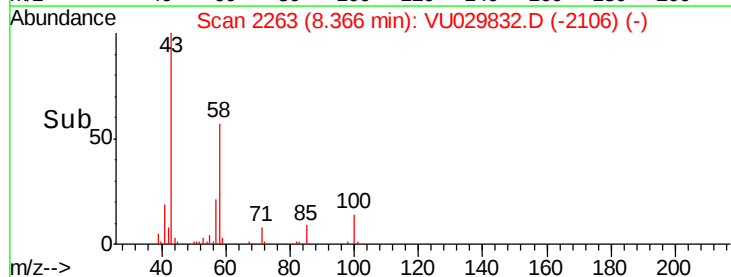
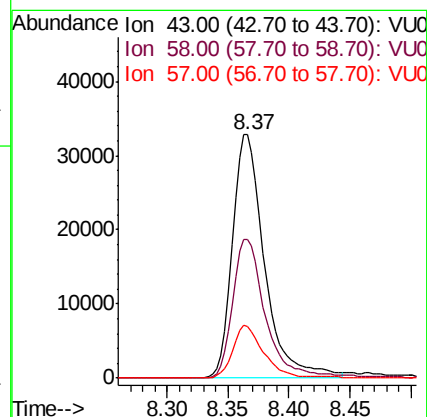
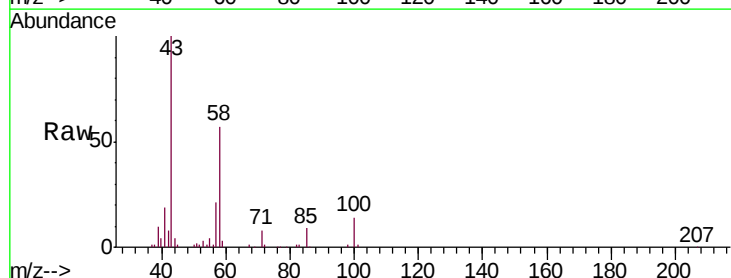
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

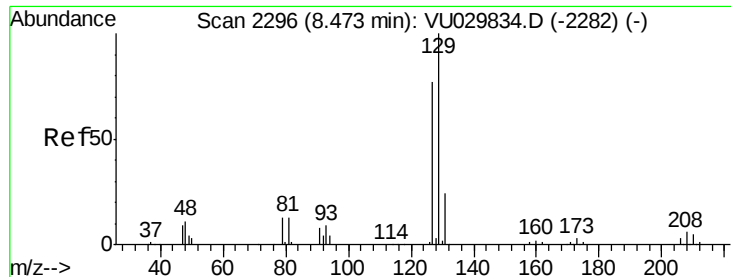
Tgt Ion: 76 Resp: 42076
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#54
 2-Hexanone
 Concen: 9.063 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

Tgt Ion: 43 Resp: 60545
 Ion Ratio Lower Upper
 43 100
 58 57.8 39.6 79.6
 57 21.1 0.5 40.5

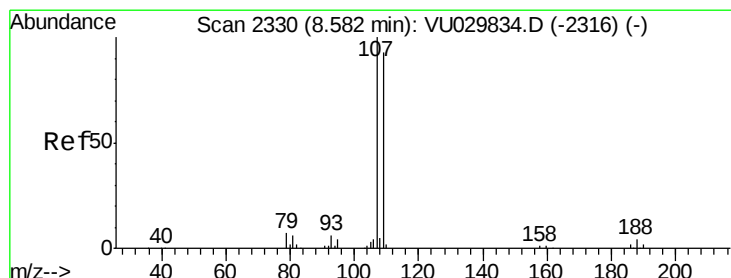
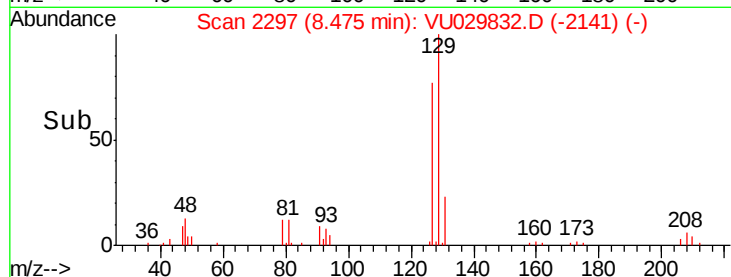
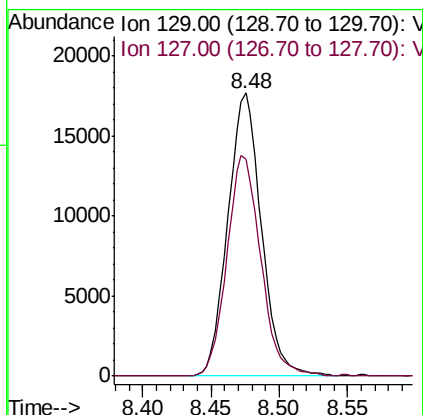
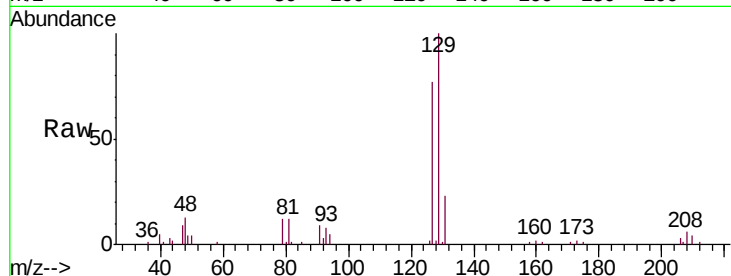




#55
 Dibromochloromethane
 Concen: 1.871 ug/l
 RT: 8.48 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

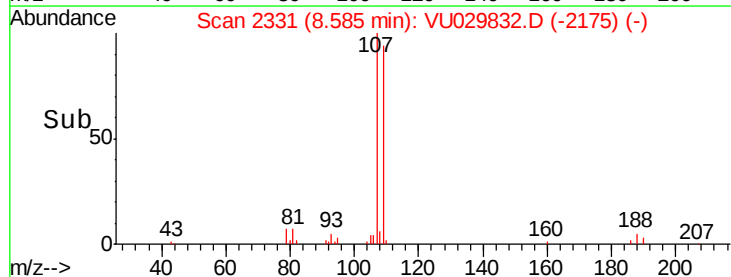
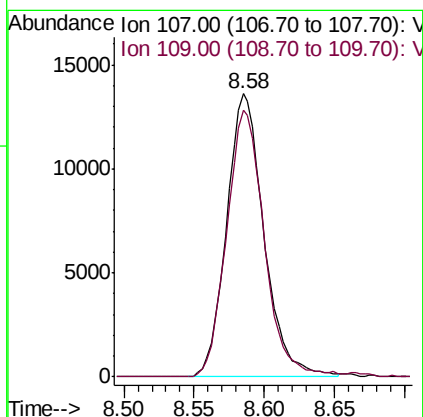
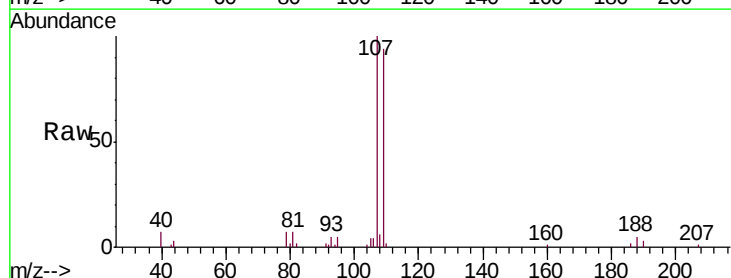
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

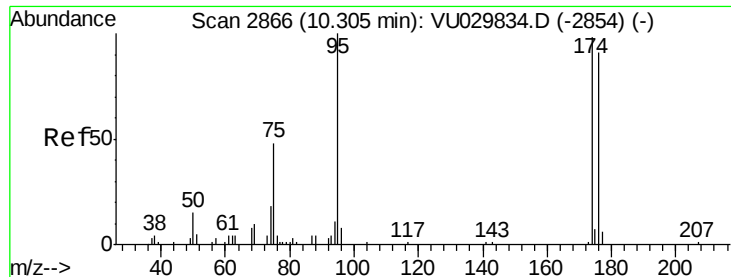
Tgt Ion:129 Resp: 30308
 Ion Ratio Lower Upper
 129 100
 127 78.4 61.6 92.4



#56
 1,2-Dibromoethane
 Concen: 1.947 ug/l
 RT: 8.58 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

Tgt Ion:107 Resp: 25203
 Ion Ratio Lower Upper
 107 100
 109 95.0 0.0 188.4





#57

4-Bromofluorobenzene

Concen: 1.947 ug/l

RT: 10.30 min Scan# 2866

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

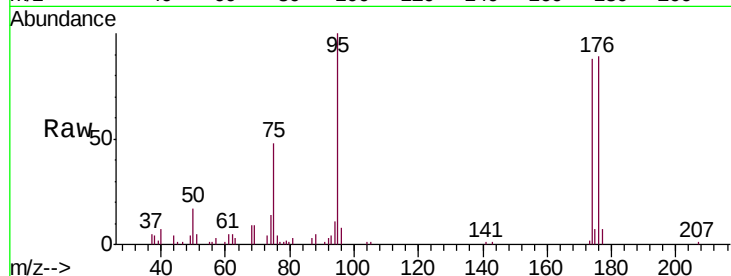
Tgt Ion: 95 Resp: 22618

Ion Ratio Lower Upper

95 100

174 91.6 76.5 114.7

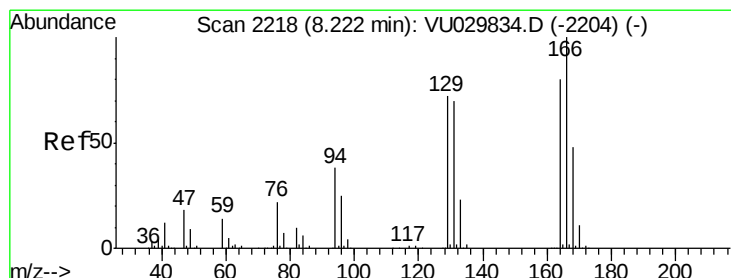
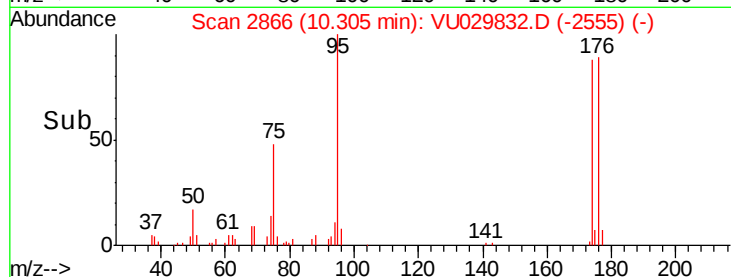
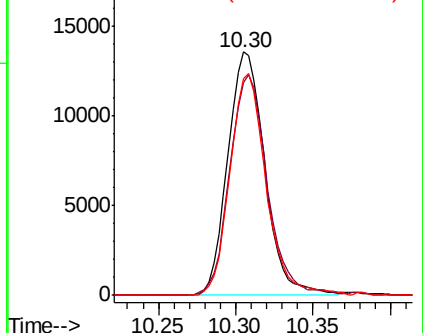
176 88.6 74.2 111.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#58

Tetrachloroethene

Concen: 2.002 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Tgt Ion: 164 Resp: 41984

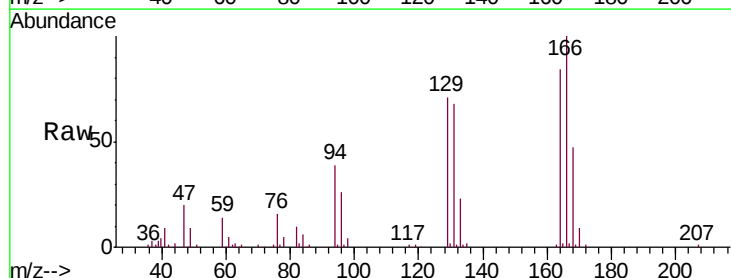
Ion Ratio Lower Upper

164 100

166 119.3 100.5 150.7

129 84.3 72.3 108.5

131 81.1 70.0 105.0

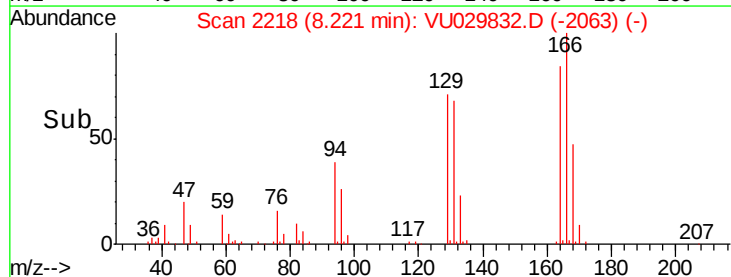
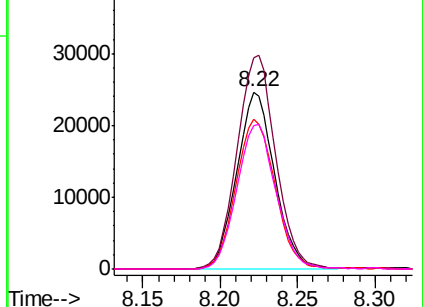


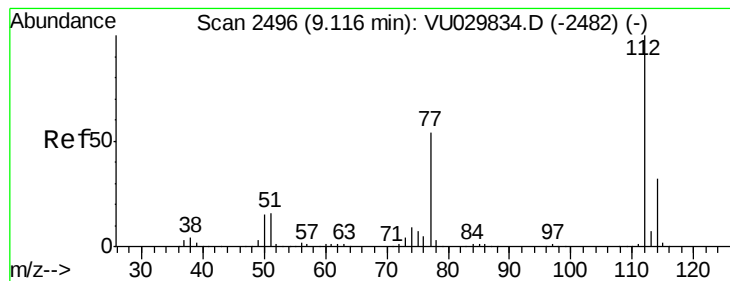
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





#59

Chlorobenzene

Concen: 1.882 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

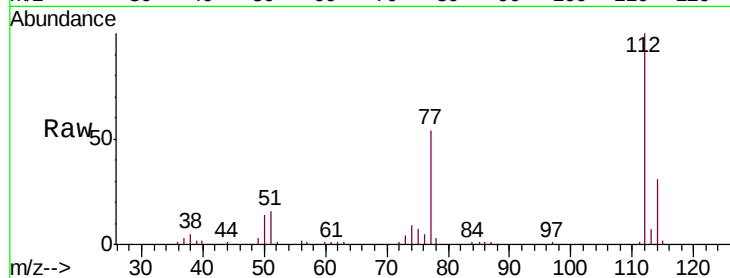
VSTDIC002

Tgt Ion:112 Resp: 93404

Ion Ratio Lower Upper

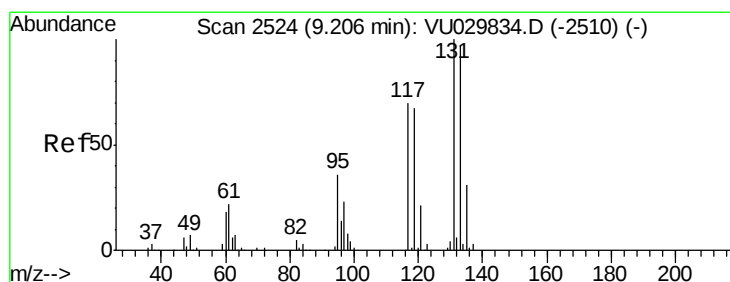
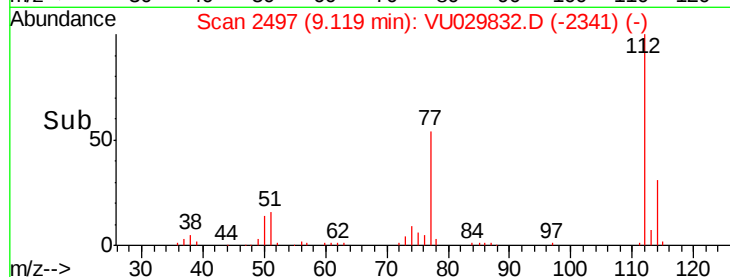
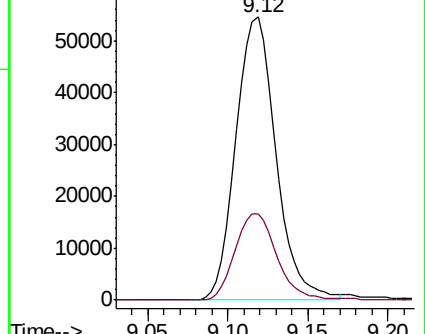
112 100

114 30.5 25.4 38.2



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: 1.943 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

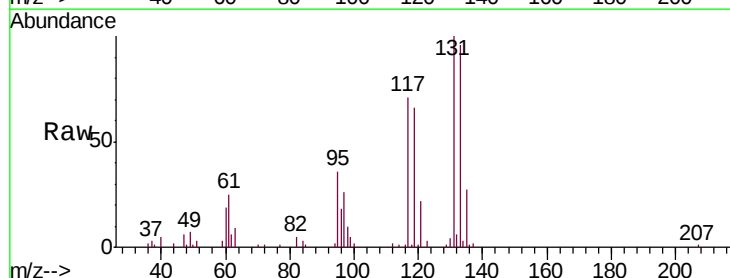
Tgt Ion:131 Resp: 34589

Ion Ratio Lower Upper

131 100

133 93.1 76.4 114.6

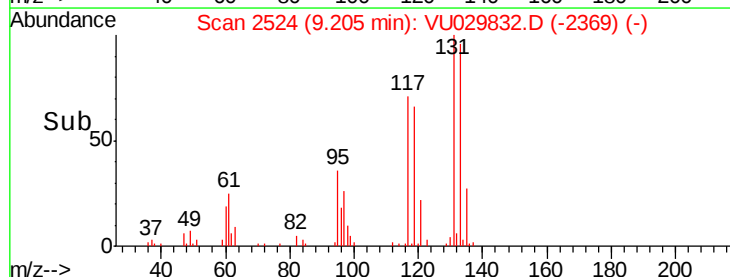
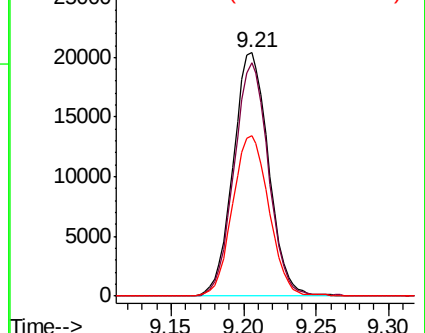
119 67.7 54.2 81.4

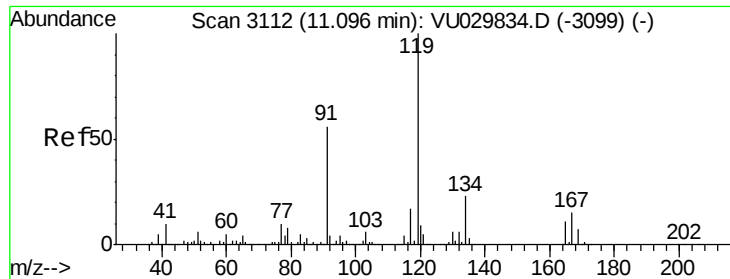


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 1.950 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

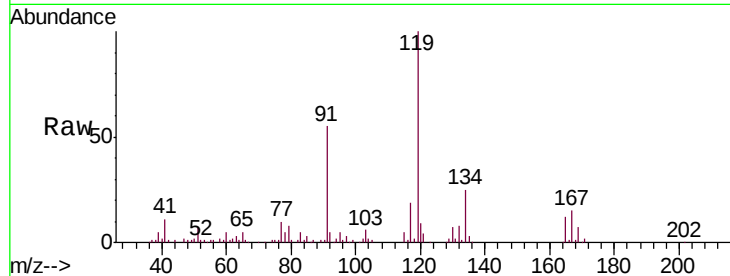
VSTDIC002

Tgt Ion:117 Resp: 24166

Ion Ratio Lower Upper

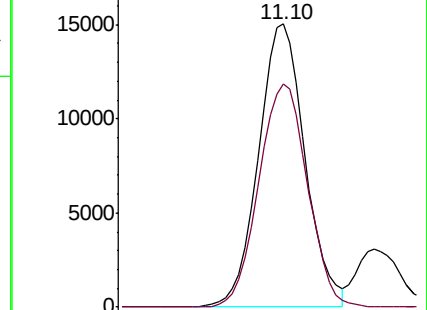
117 100

167 82.4 71.4 107.2

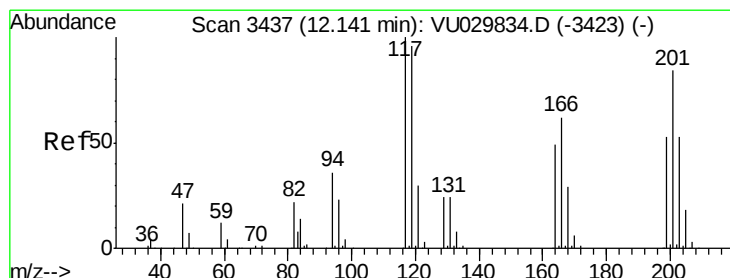
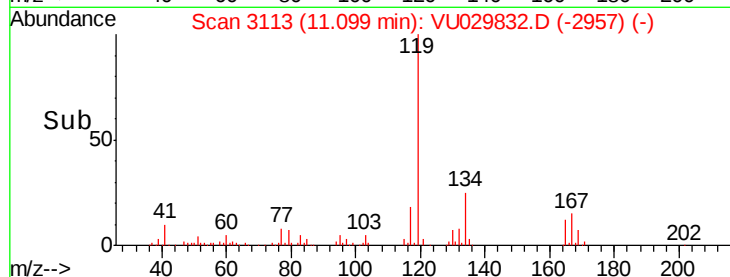


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



Time-->



#62

Hexachloroethane

Concen: 1.794 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU029832.D

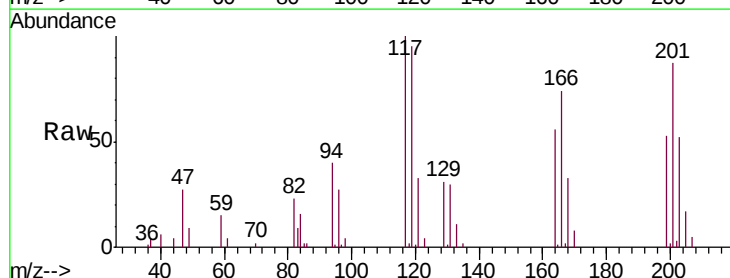
Acq: 06 Mar 2019 10:20

Tgt Ion:117 Resp: 23387

Ion Ratio Lower Upper

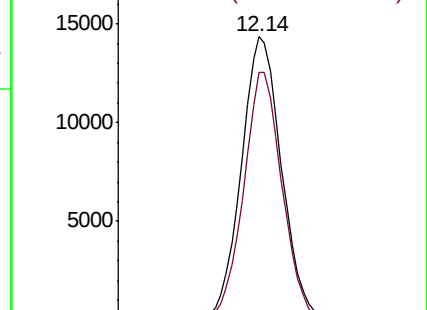
117 100

201 83.3 68.2 102.2

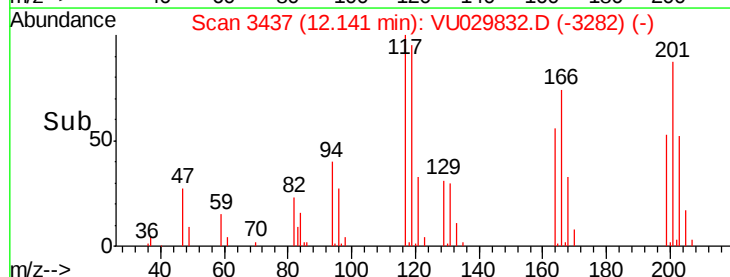


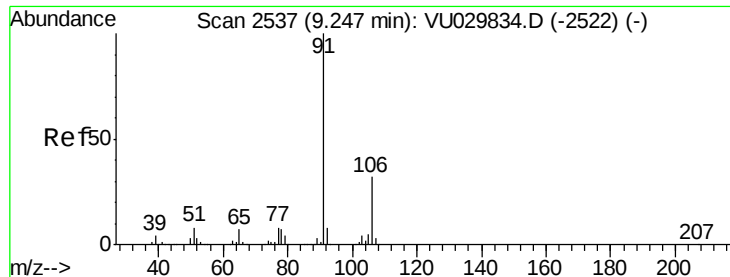
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



Time-->





#63

Ethyl Benzene

Concen: 1.870 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

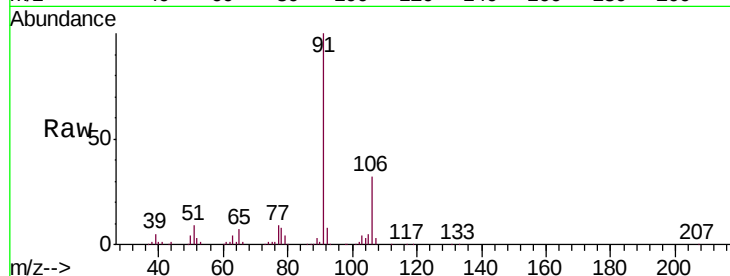
VSTDIC002

Tgt Ion: 91 Resp: 151966

Ion Ratio Lower Upper

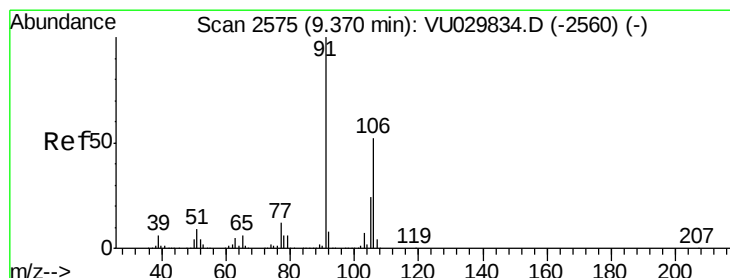
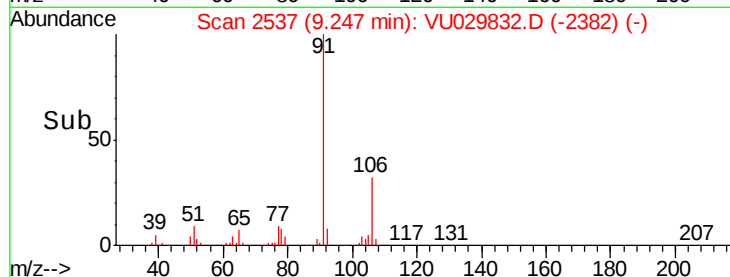
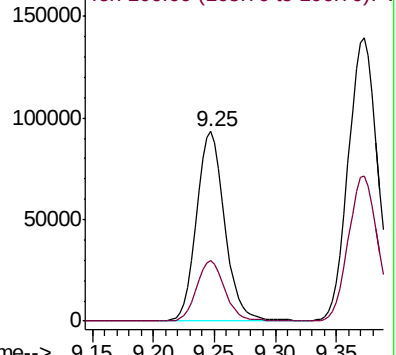
91 100

106 31.9 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#64

m/p-Xylenes

Concen: 3.801 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029832.D

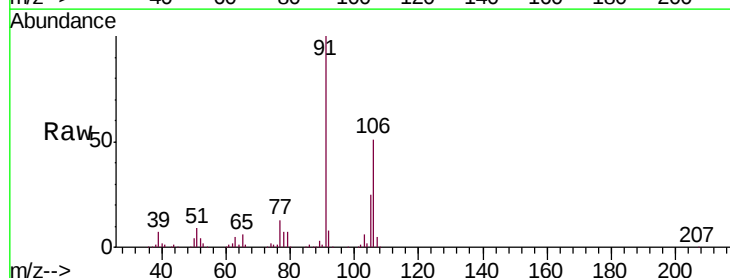
Acq: 06 Mar 2019 10:20

Tgt Ion: 106 Resp: 122134

Ion Ratio Lower Upper

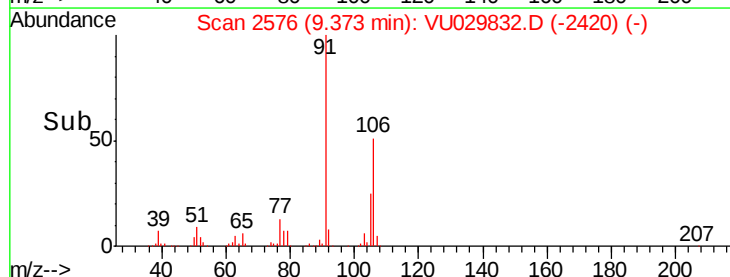
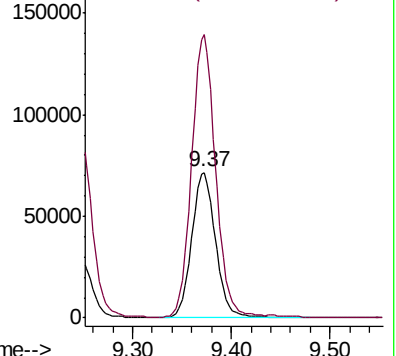
106 100

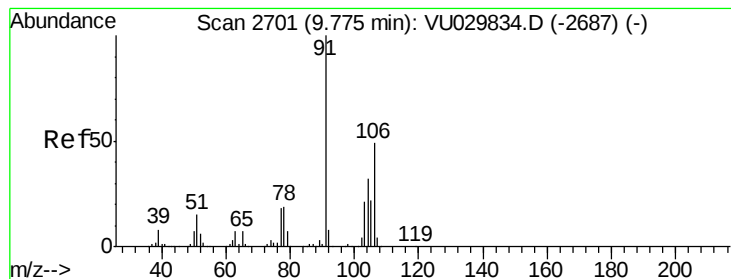
91 192.7 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#65

o-Xylene

Concen: 1.924 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

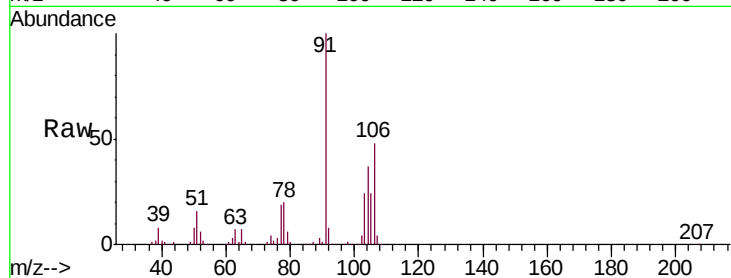
VSTDIC002

Tgt Ion:106 Resp: 59379

Ion Ratio Lower Upper

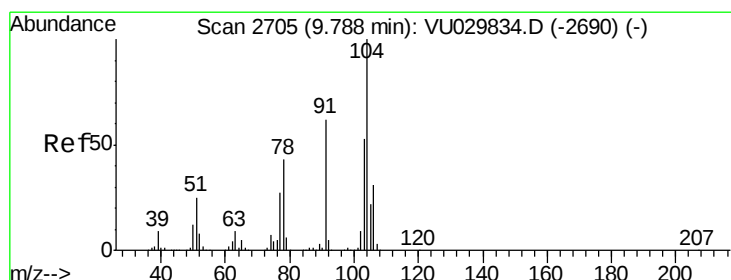
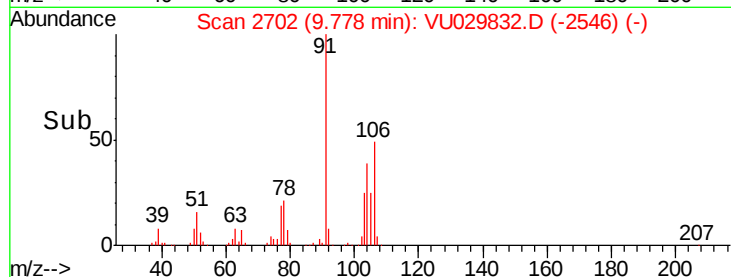
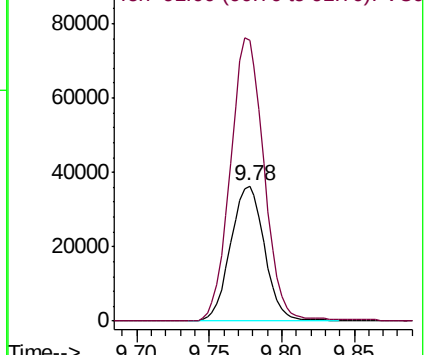
106 100

91 207.4 102.8 308.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.836 ug/l

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

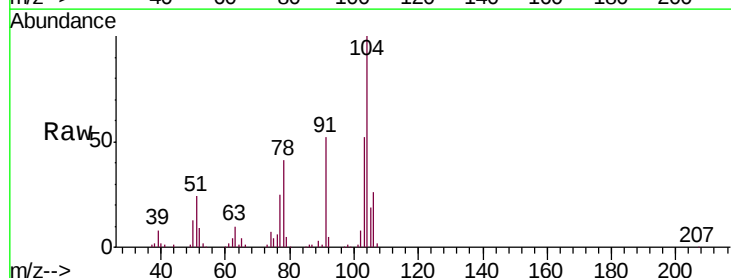
Tgt Ion:104 Resp: 94151

Ion Ratio Lower Upper

104 100

78 46.0 37.2 55.8

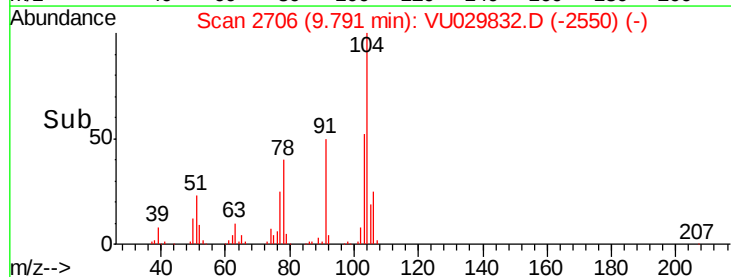
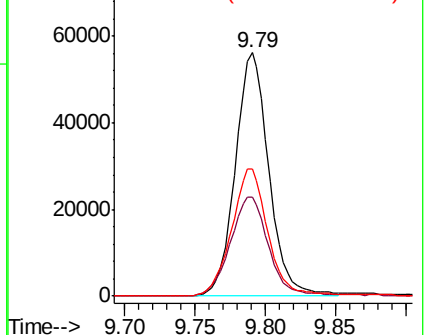
103 56.3 44.7 67.1

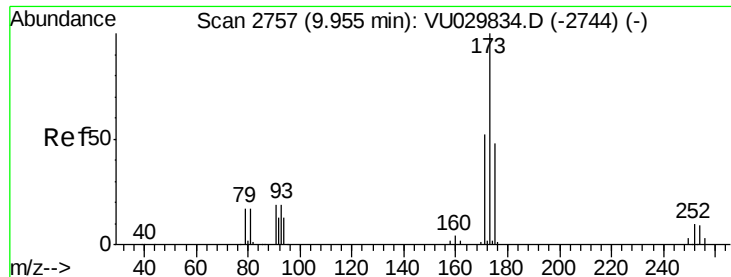


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

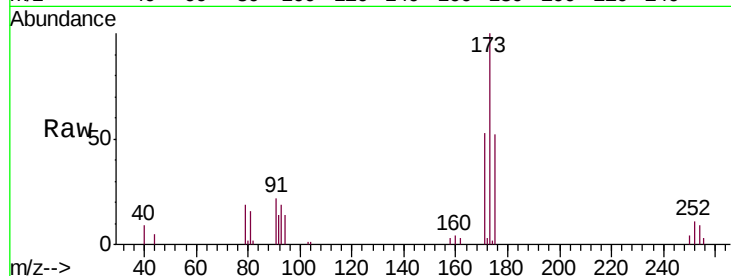




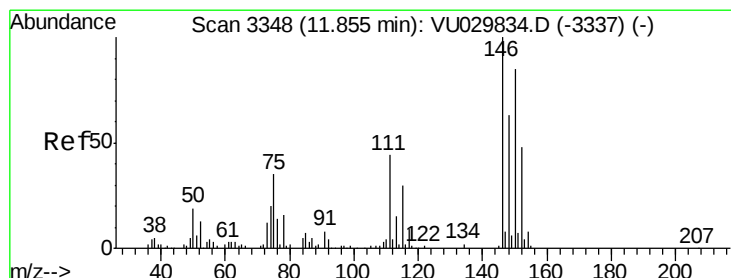
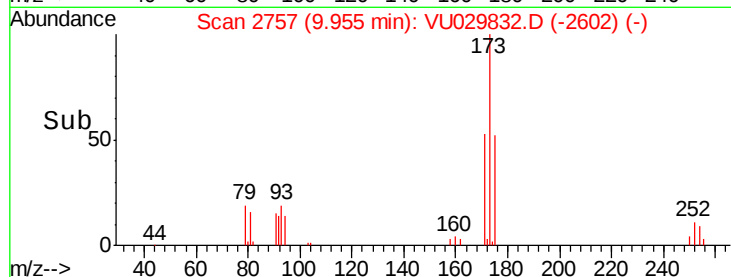
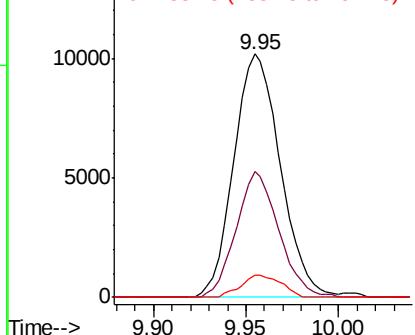
#67
Bromoform
Concen: 1.872 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:173 Resp: 17812
Ion Ratio Lower Upper
173 100
175 47.3 38.6 57.8
254 7.9 7.4 11.2

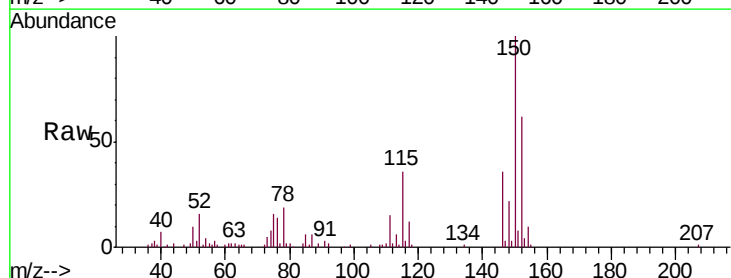


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

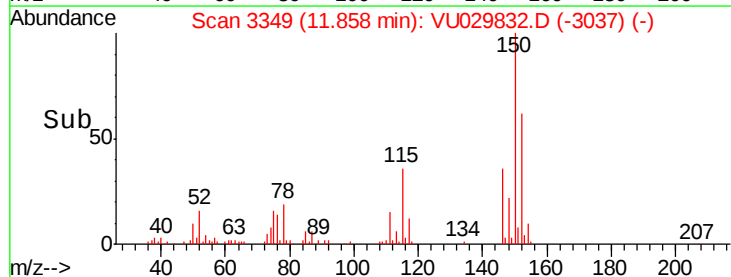
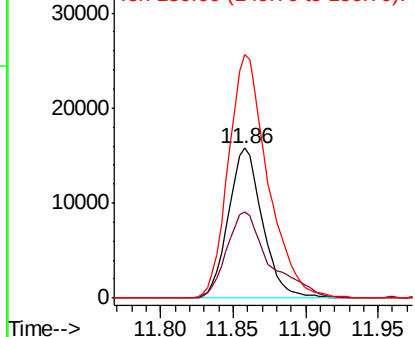


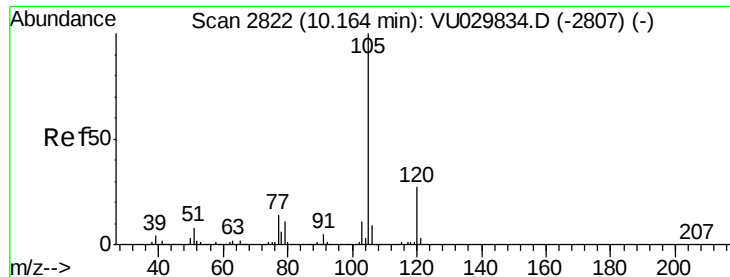
#68
1,2-Dichlorobenzene-d4
Concen: 1.872 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion:152 Resp: 25713
Ion Ratio Lower Upper
152 100
115 72.2 0.0 124.0
150 187.3 0.0 631.2



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





#69

Isopropylbenzene

Concen: 1.886 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampled :

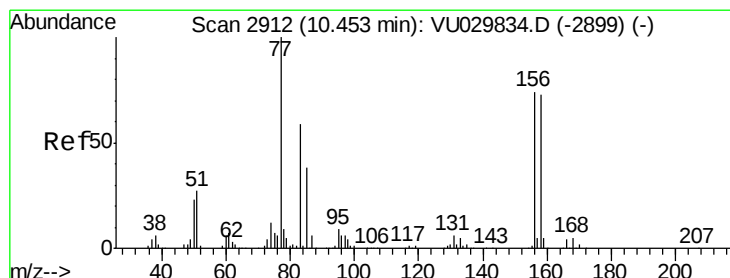
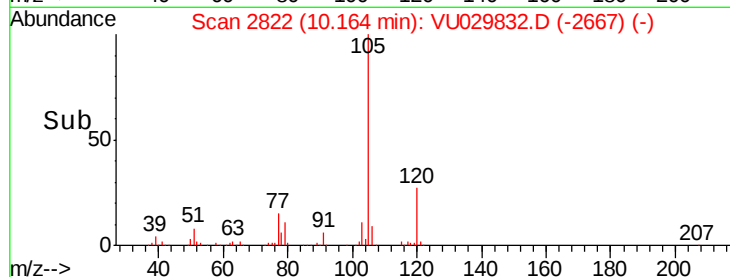
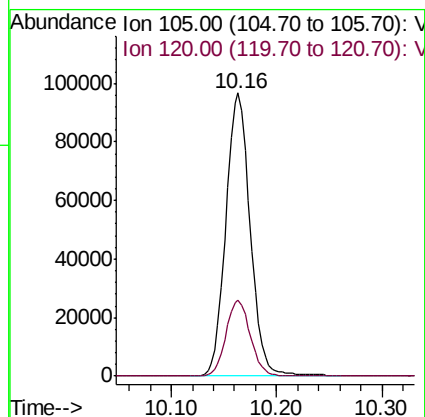
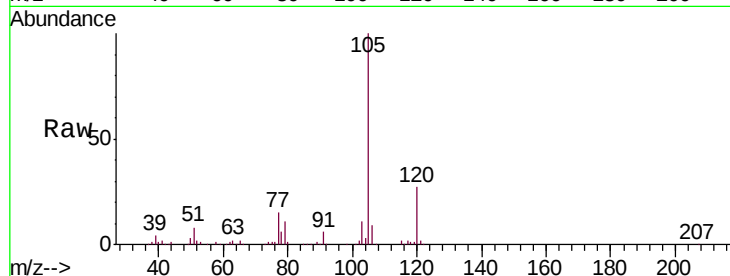
VSTDIC002

Tgt Ion:105 Resp: 154359

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#70

1,1,2,2-Tetrachloroethane

Concen: 1.902 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

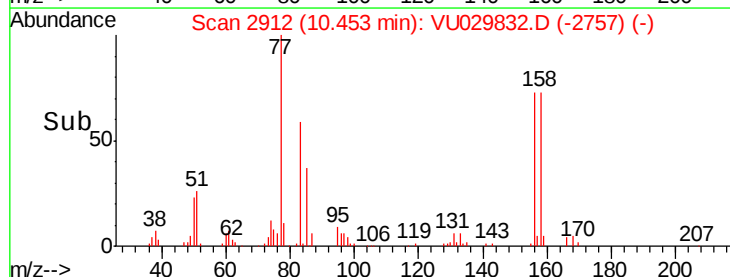
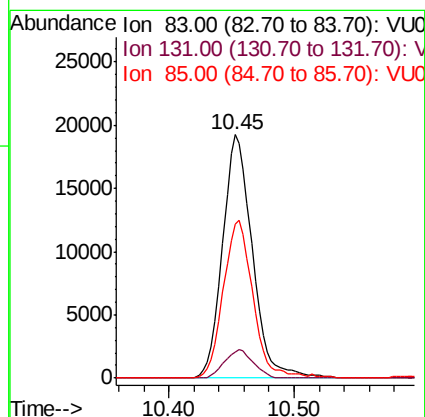
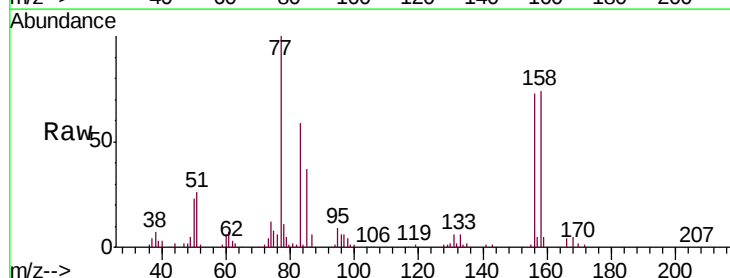
Tgt Ion: 83 Resp: 31674

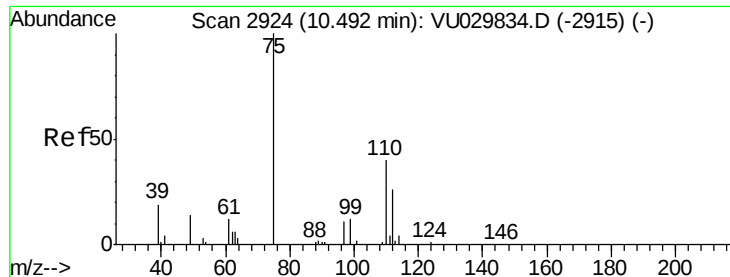
Ion Ratio Lower Upper

83 100

131 11.2 8.3 12.5

85 64.5 52.5 78.7

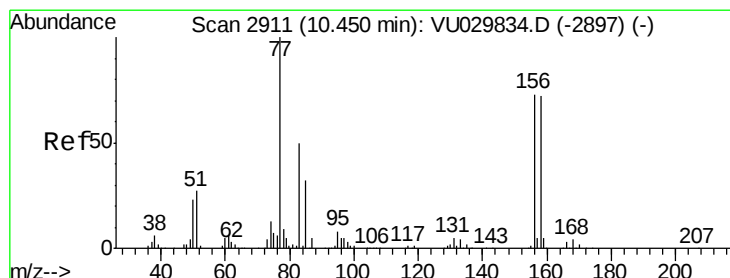
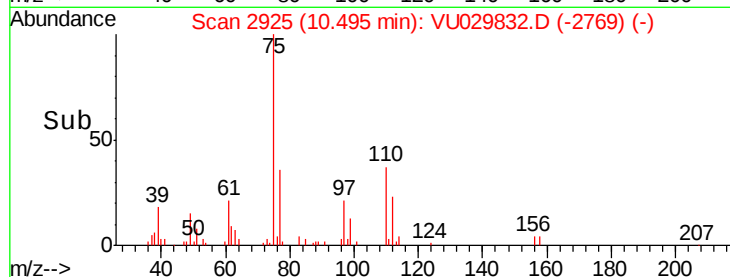
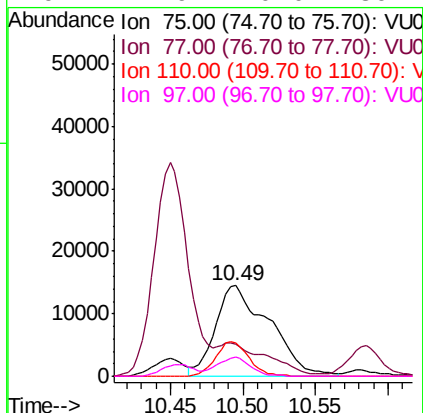
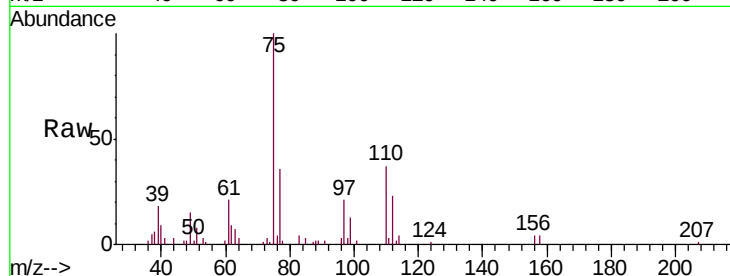




#71
 1,2,3-Trichloropropane
 Concen: 3.127 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

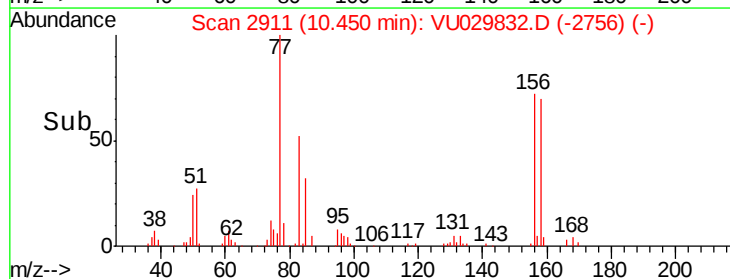
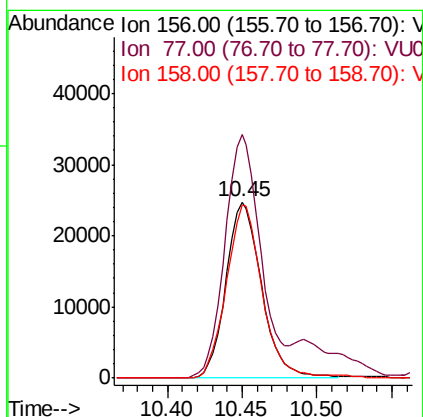
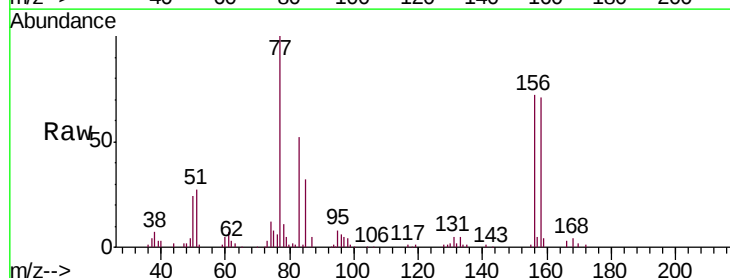
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

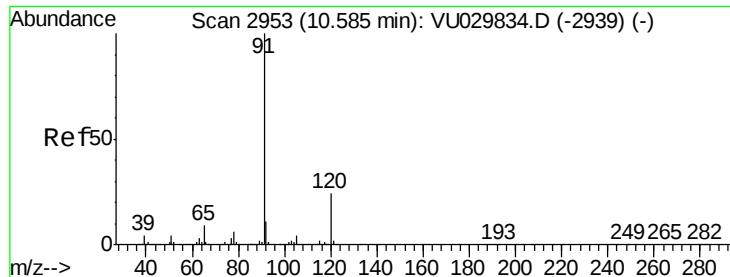
Tgt Ion:	75	Resp:	37703
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	16.4
110	23.5	0.0	74.8
97	12.9	0.0	39.4



#72
 Bromobenzene
 Concen: 1.902 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. -0.00 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

Tgt Ion:	156	Resp:	41189
Ion	Ratio	Lower	Upper
156	100		
77	137.1	0.0	282.2
158	98.2	0.0	196.2





#73

n-propylbenzene

Concen: 1.919 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

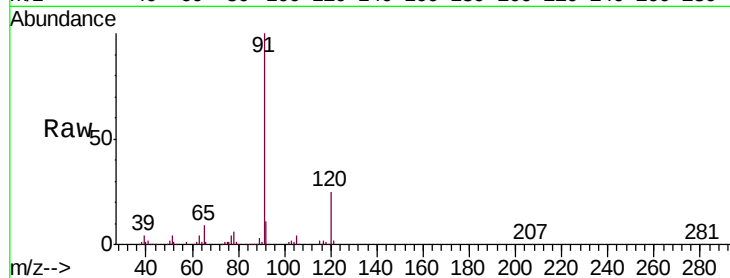
VSTDIC002

Tgt Ion:120 Resp: 44137

Ion Ratio Lower Upper

120 100

91 407.4 333.4 500.2



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0

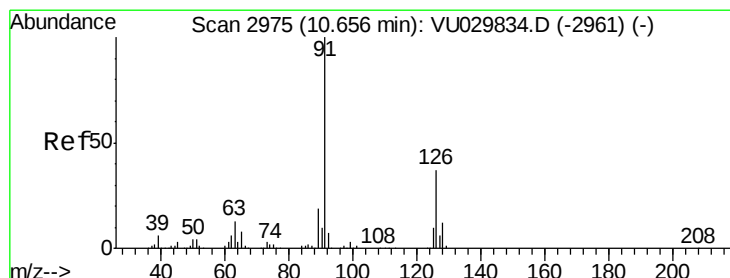
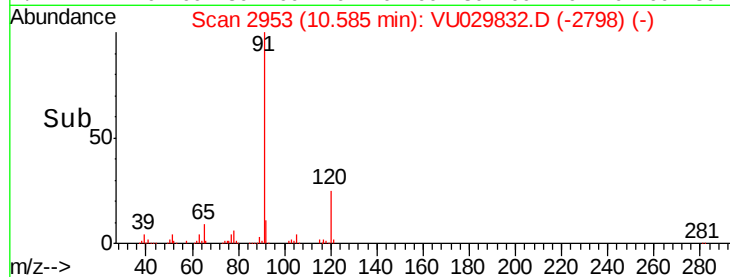
100000

50000

0

10.50 10.55 10.60 10.65

Time-->



#74

2-Chlorotoluene

Concen: 1.936 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU029832.D

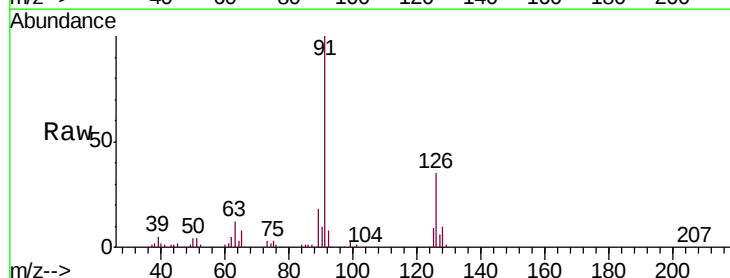
Acq: 06 Mar 2019 10:20

Tgt Ion:126 Resp: 39506

Ion Ratio Lower Upper

126 100

91 286.7 0.0 569.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

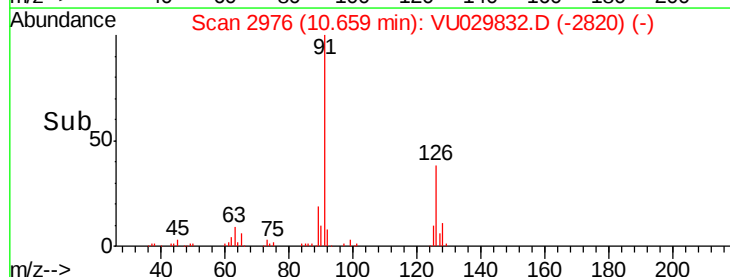
100000

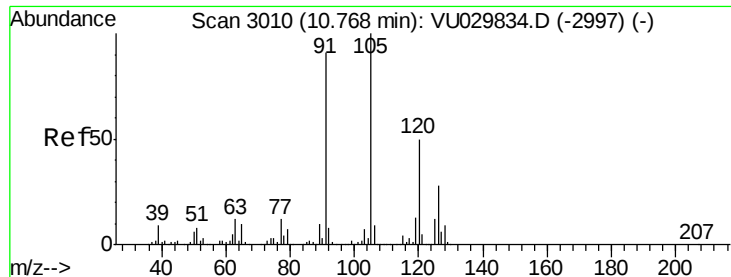
50000

0

10.60 10.65 10.70

Time-->





#75

1,3,5-Trimethylbenzene

Concen: 1.901 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

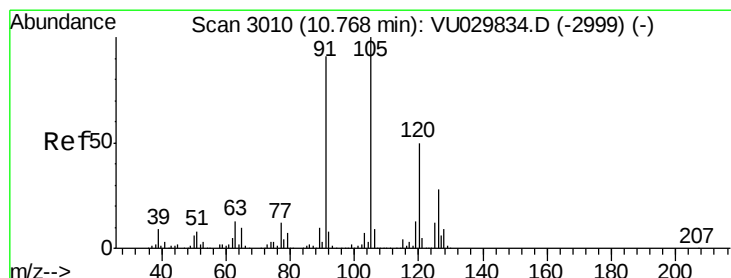
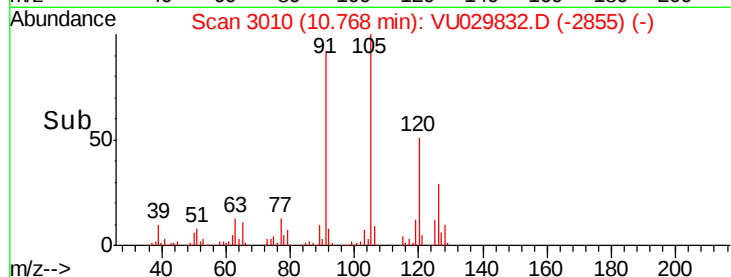
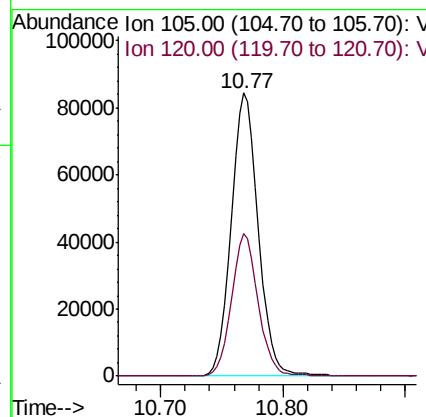
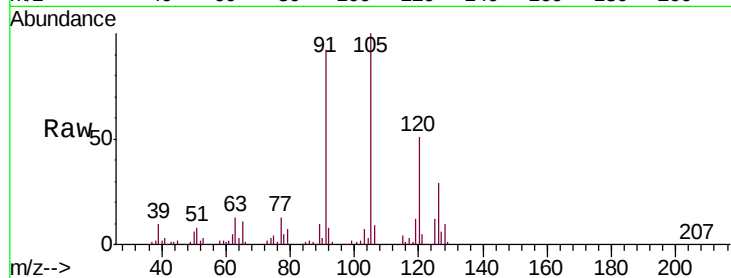
VSTDIC002

Tgt Ion:105 Resp: 131032

Ion Ratio Lower Upper

105 100

120 49.5 40.0 60.0



#76

4-Chlorotoluene

Concen: 1.878 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029832.D

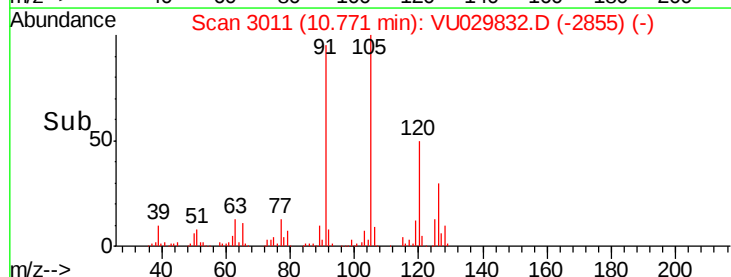
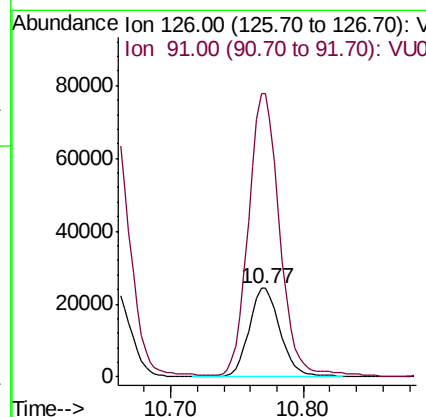
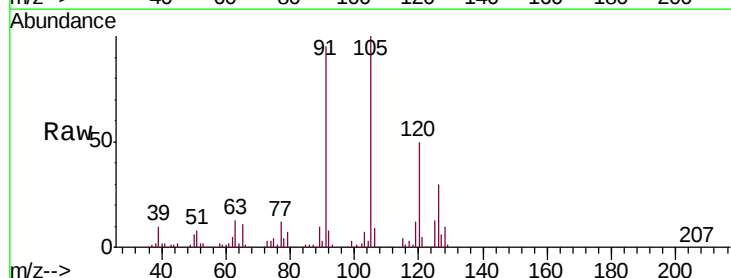
Acq: 06 Mar 2019 10:20

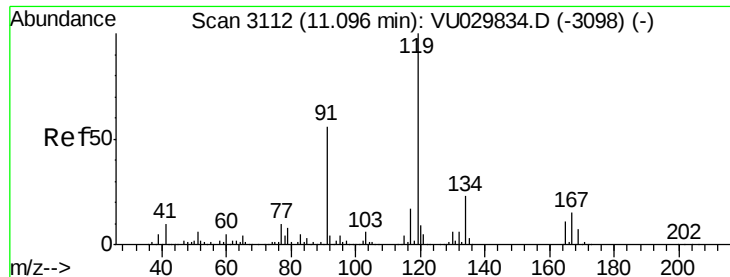
Tgt Ion:126 Resp: 39075

Ion Ratio Lower Upper

126 100

91 323.7 0.0 634.8

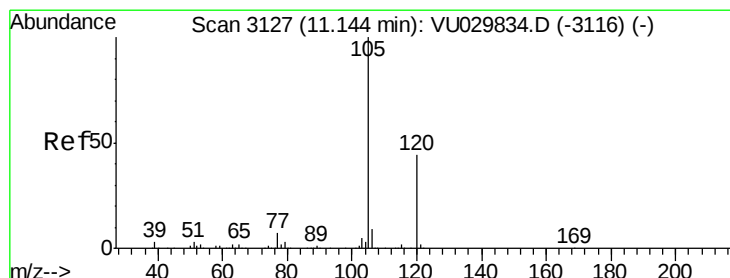
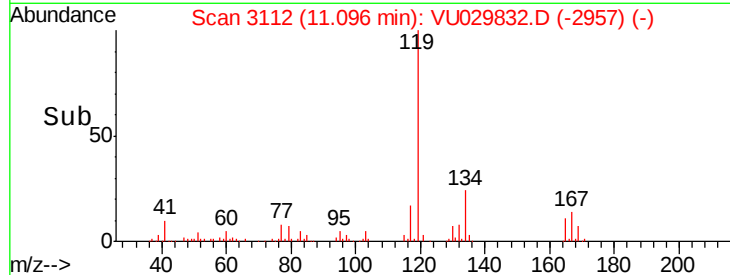
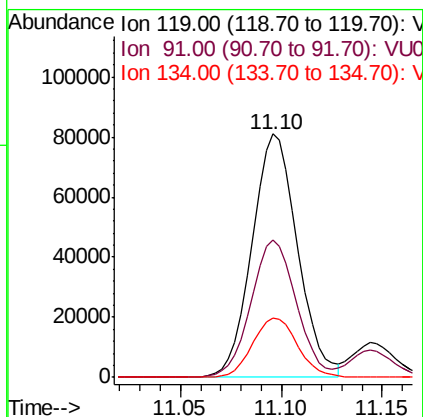
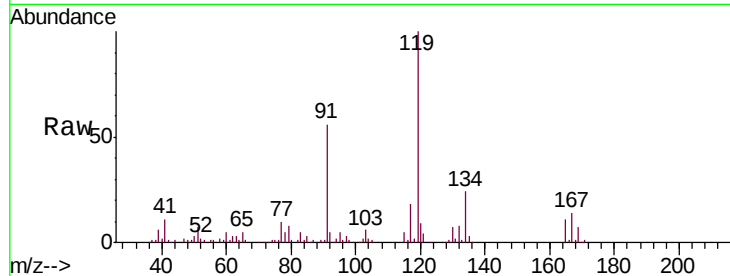




#77
 tert-Butylbenzene
 Concen: 1.873 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

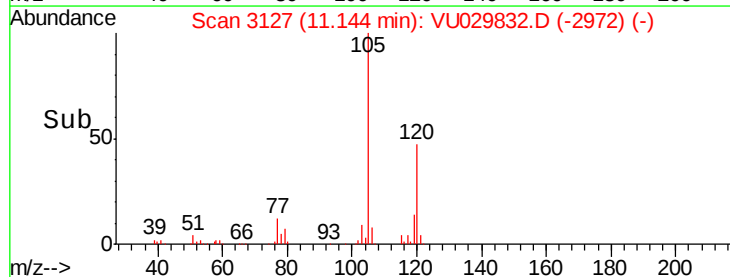
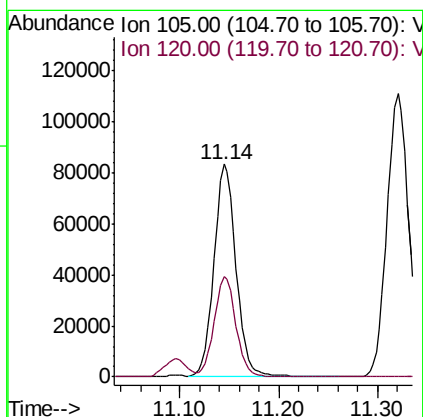
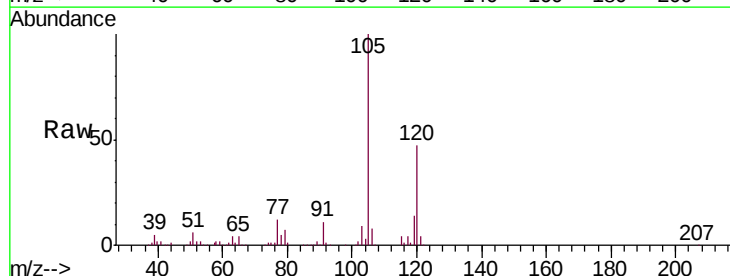
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

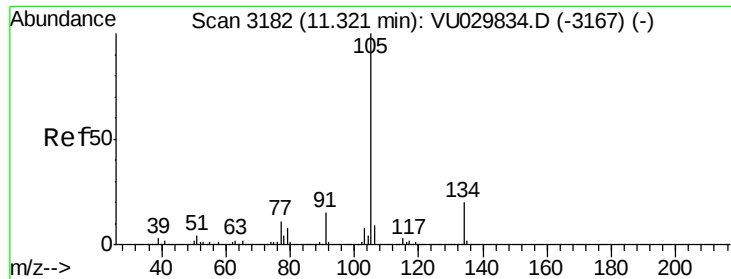
Tgt Ion:119 Resp: 127785
 Ion Ratio Lower Upper
 119 100
 91 56.2 27.7 83.1
 134 24.2 18.7 28.1



#78
 1,2,4-Trimethylbenzene
 Concen: 1.876 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

Tgt Ion:105 Resp: 130701
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.5 70.5





#79

sec-Butylbenzene

Concen: 1.905 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

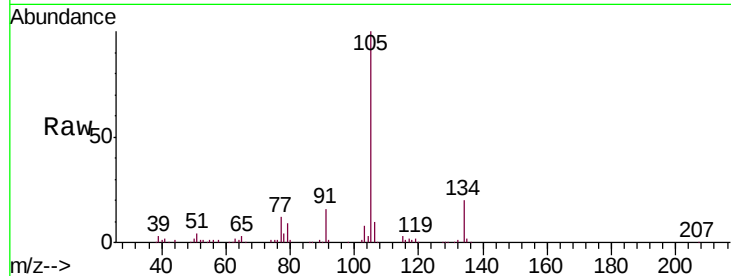
VSTDIC002

Tgt Ion:105 Resp: 172167

Ion Ratio Lower Upper

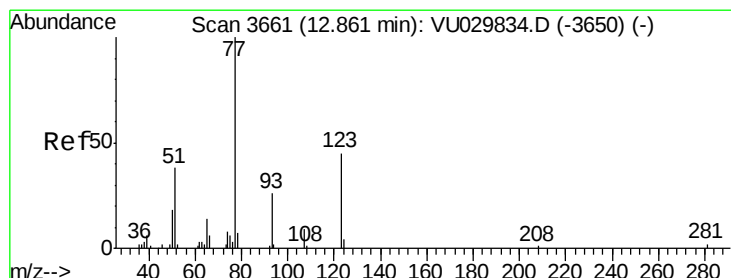
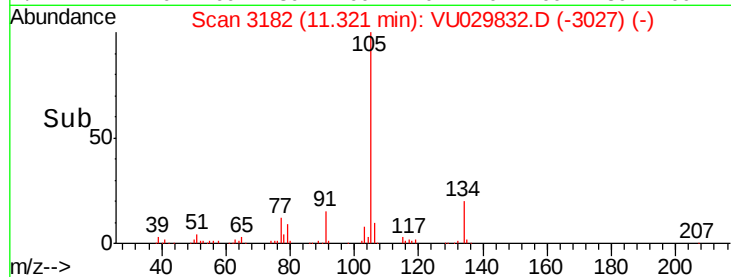
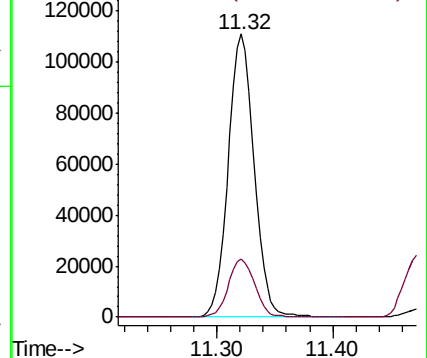
105 100

134 20.8 16.3 24.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 2.870 ug/l

RT: 12.88 min Scan# 3666

Delta R.T. 0.02 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

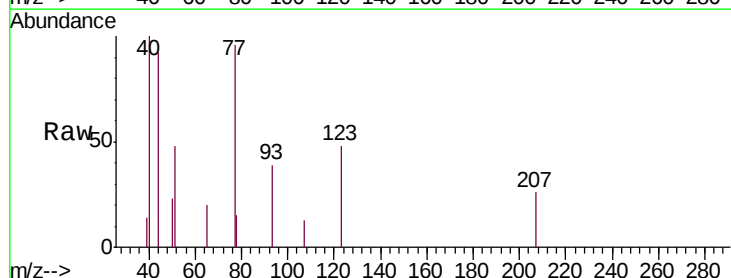
Tgt Ion: 77 Resp: 912

Ion Ratio Lower Upper

77 100

123 97.0 20.2 71.4#

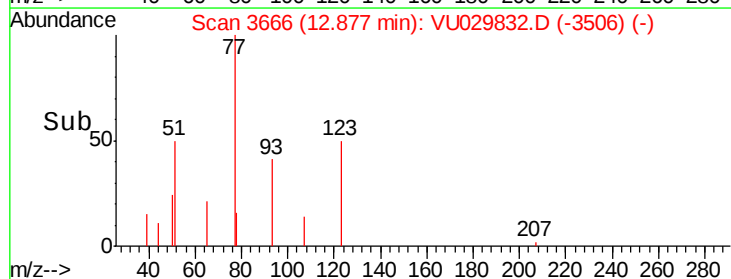
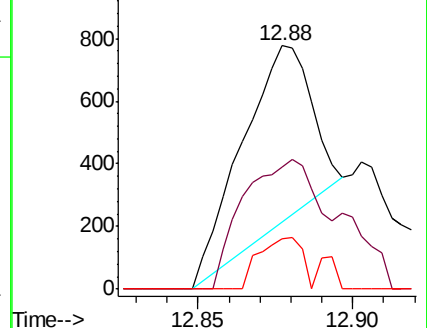
65 17.3 14.0 17.8

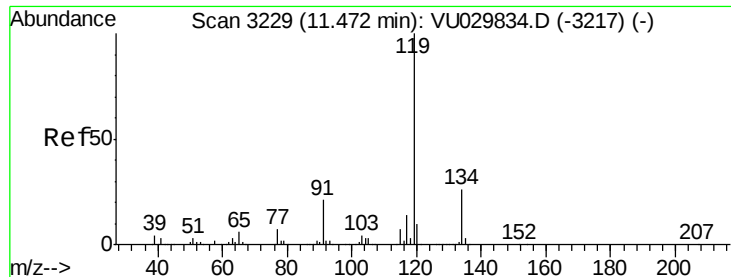


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

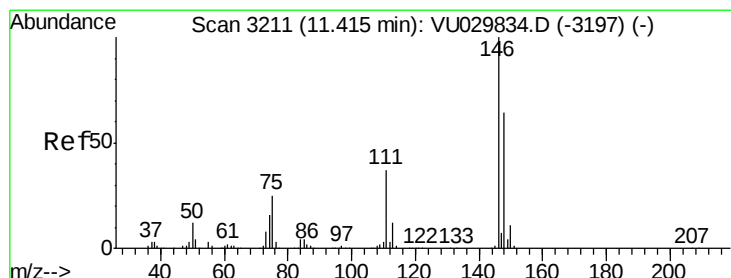
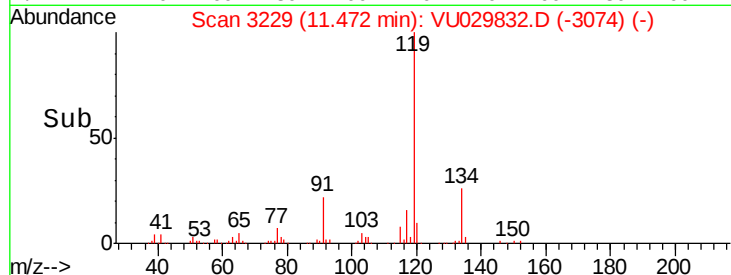
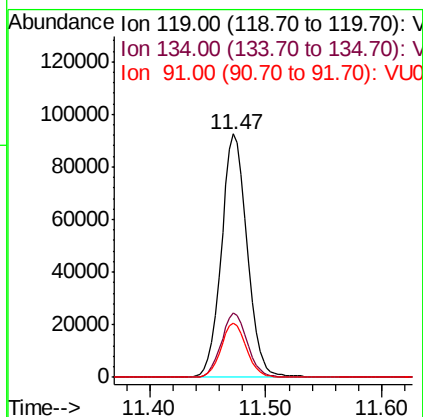
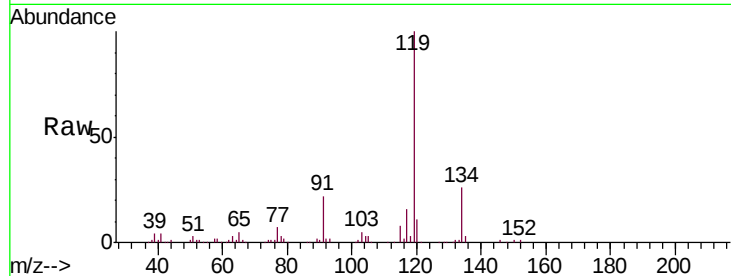




#81
p-Isopropyltoluene
Concen: 1.889 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

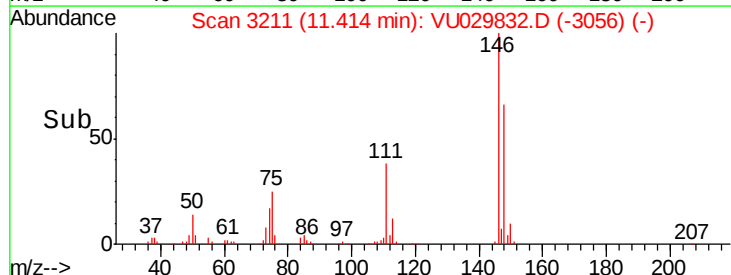
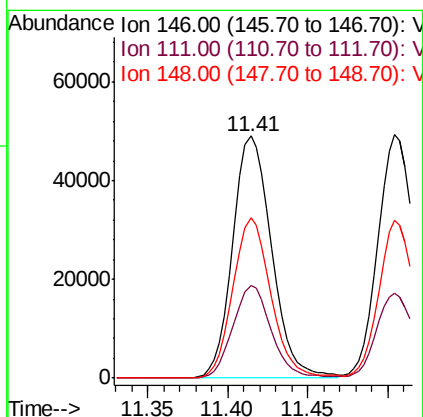
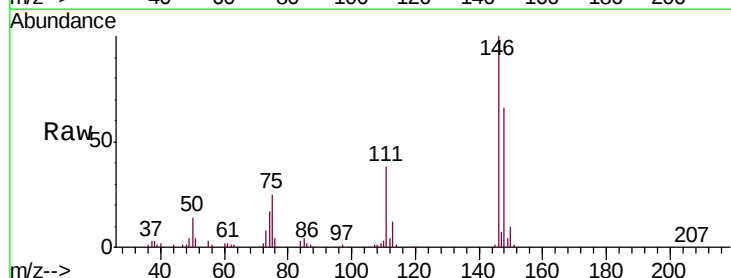
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

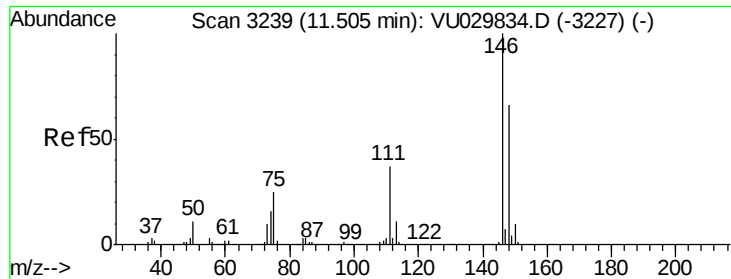
Tgt Ion:119 Resp: 142990
Ion Ratio Lower Upper
119 100
134 26.7 21.2 31.8
91 22.2 17.2 25.8



#82
1,3-Dichlorobenzene
Concen: 1.895 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU029832.D
Acq: 06 Mar 2019 10:20

Tgt Ion:146 Resp: 81308
Ion Ratio Lower Upper
146 100
111 37.5 30.2 45.4
148 64.4 51.2 76.8

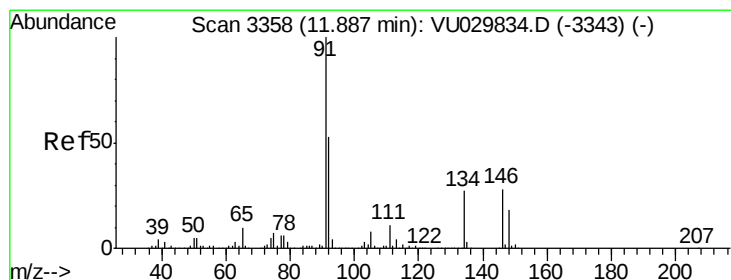
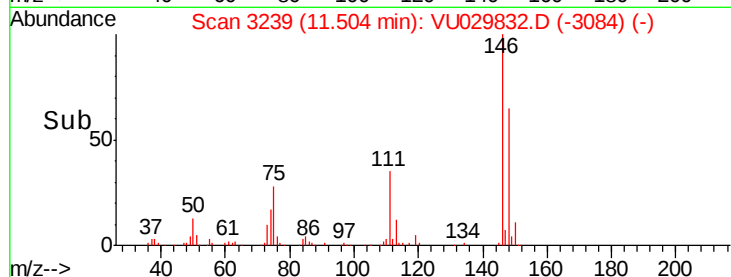
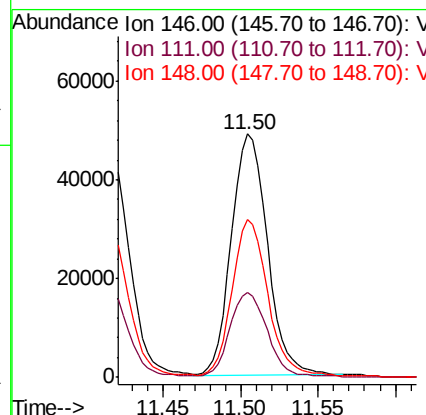
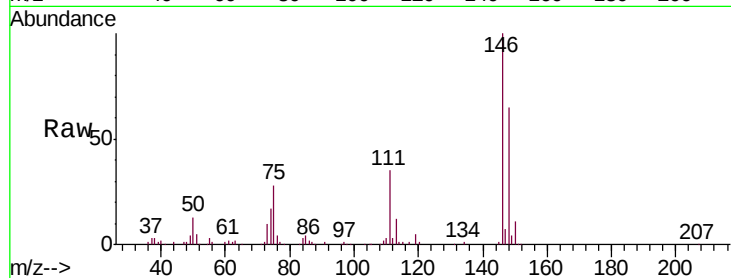




#83
 1,4-Dichlorobenzene
 Concen: 1.889 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

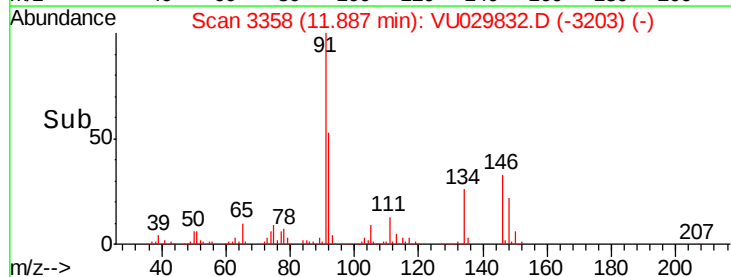
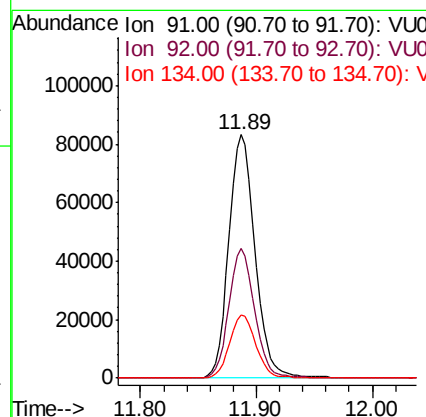
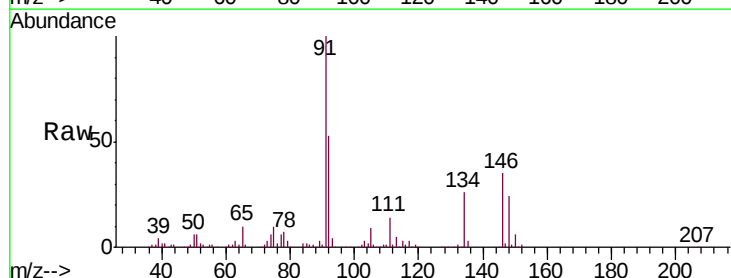
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

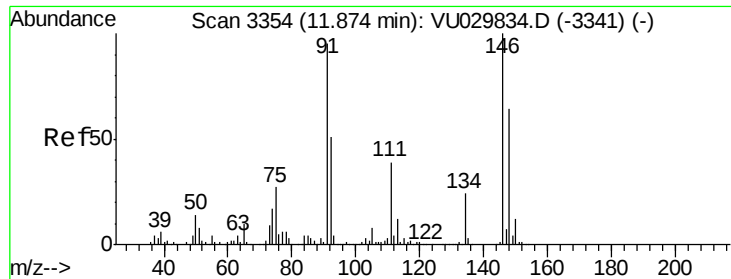
Tgt Ion: 146 Resp: 79195
 Ion Ratio Lower Upper
 146 100
 111 36.4 29.4 44.2
 148 64.5 51.7 77.5



#84
 n-Butylbenzene
 Concen: 1.884 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029832.D
 Acq: 06 Mar 2019 10:20

Tgt Ion: 91 Resp: 129889
 Ion Ratio Lower Upper
 91 100
 92 52.0 42.6 63.8
 134 25.9 21.7 32.5





#85

1,2-Dichlorobenzene

Concen: 1.896 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

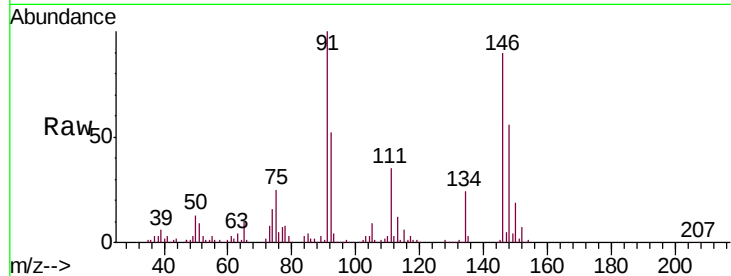
Tgt Ion:146 Resp: 76699

Ion Ratio Lower Upper

146 100

111 39.1 19.9 59.6

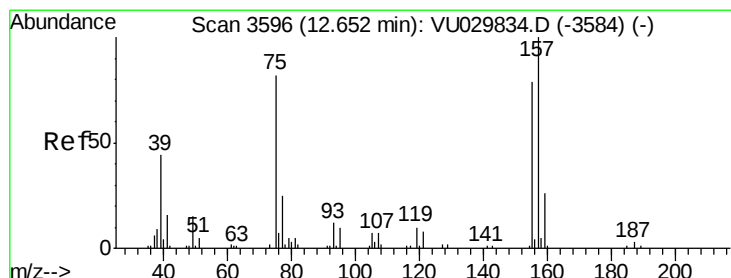
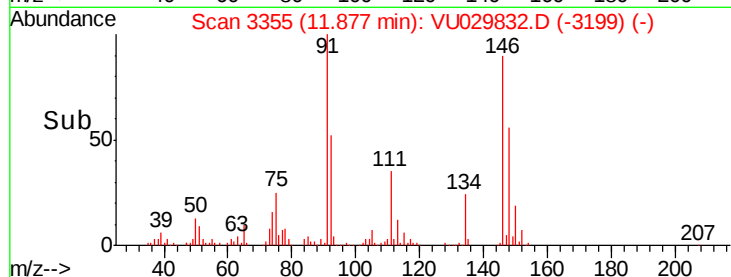
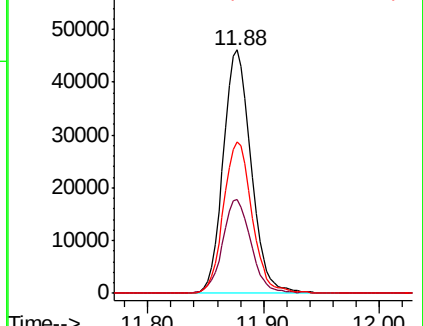
148 64.1 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.833 ug/l

RT: 12.66 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

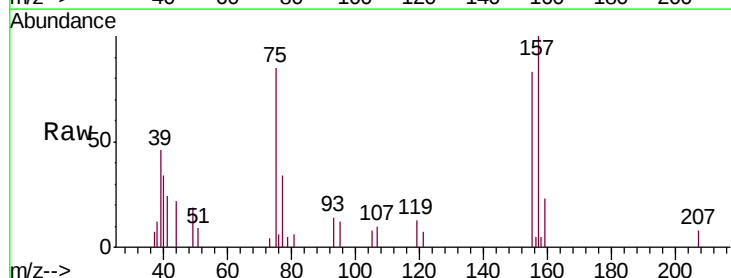
Tgt Ion: 75 Resp: 4358

Ion Ratio Lower Upper

75 100

155 94.0 76.6 114.8

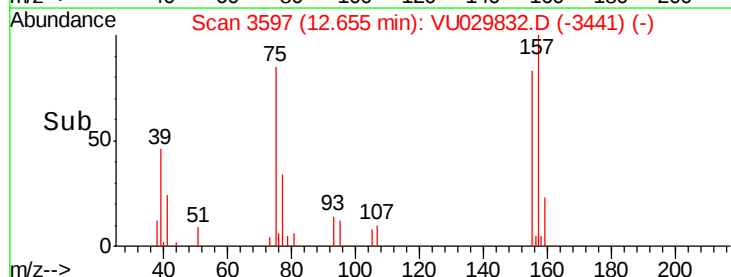
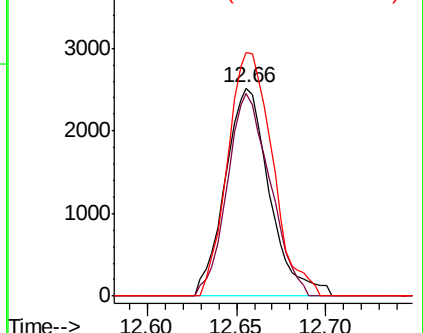
157 118.2 96.2 144.2

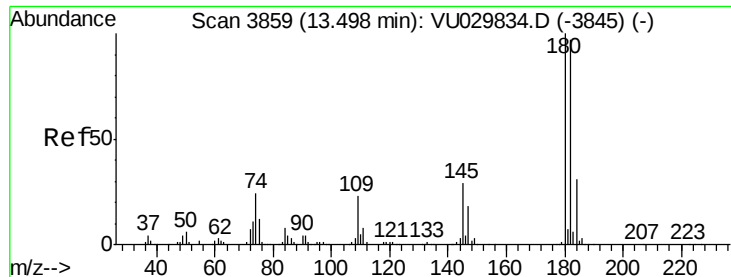


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#87

1,2,4-Trichlorobenzene

Concen: 1.867 ug/l

RT: 13.50 min Scan# 3860

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

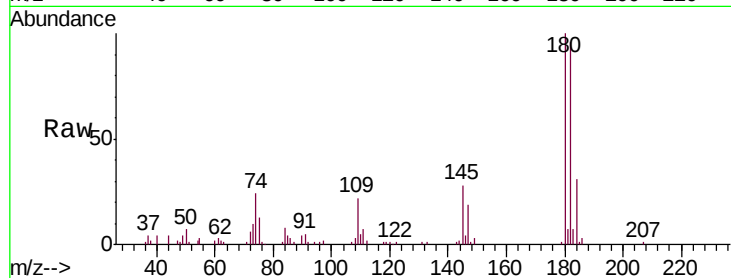
Tgt Ion:180 Resp: 48365

Ion Ratio Lower Upper

180 100

182 95.5 77.5 116.3

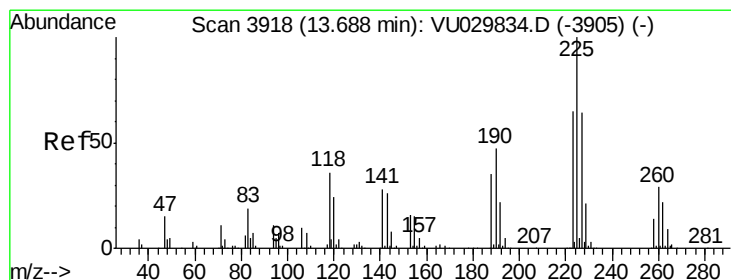
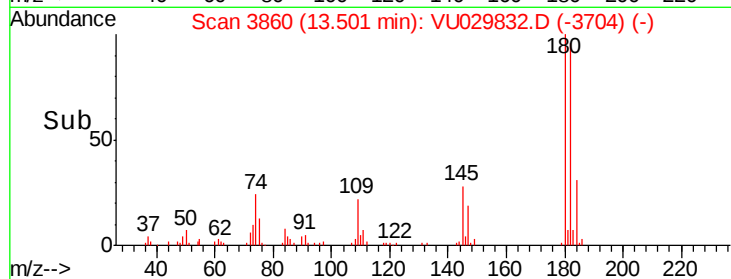
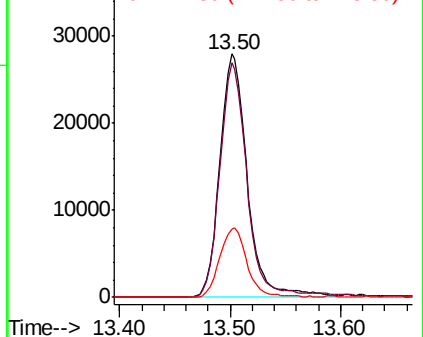
145 28.3 23.6 35.4



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: 1.861 ug/l

RT: 13.69 min Scan# 3919

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

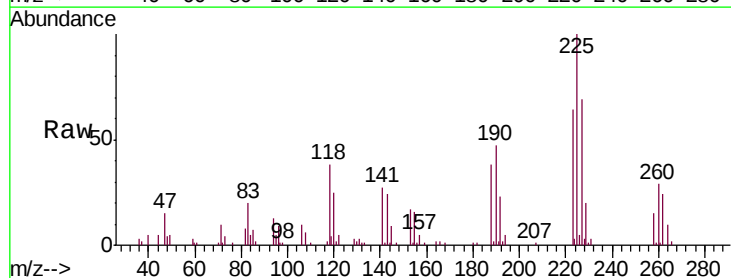
Tgt Ion:225 Resp: 30361

Ion Ratio Lower Upper

225 100

223 62.7 51.2 76.8

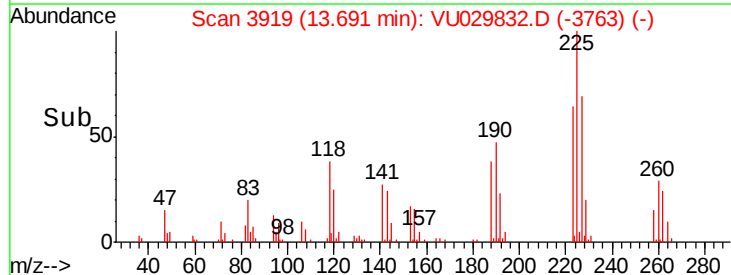
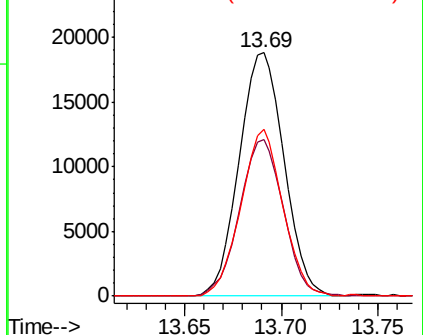
227 64.0 50.9 76.3

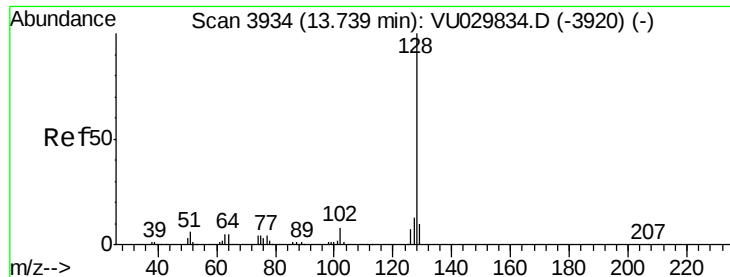


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.753 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

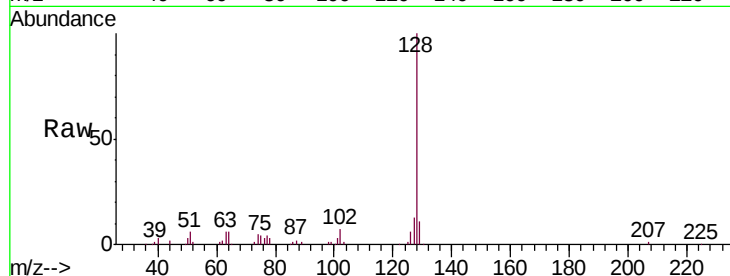
Tgt Ion:128 Resp: 72601

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

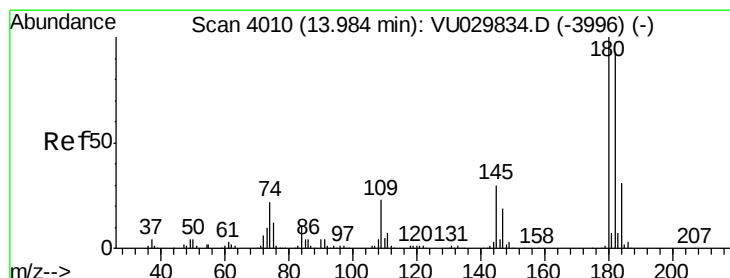
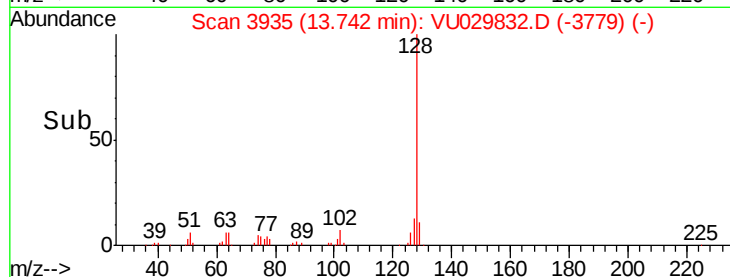
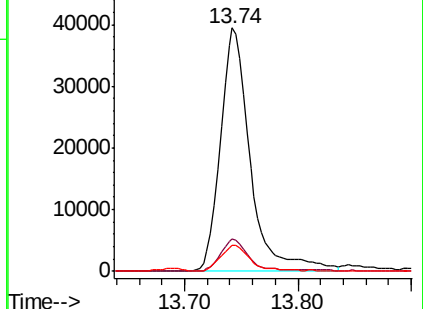
129 10.4 8.2 12.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.883 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU029832.D

Acq: 06 Mar 2019 10:20

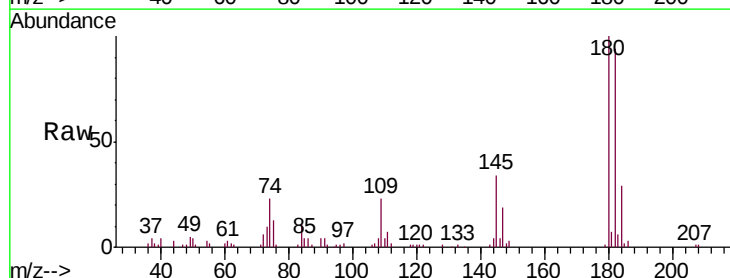
Tgt Ion:180 Resp: 45814

Ion Ratio Lower Upper

180 100

182 96.3 74.8 112.2

145 31.9 24.6 36.8



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

