

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020819\
 Data File : VU029382.D
 Acq On : 08 Feb 2019 16:51
 Operator : JC/SP
 Sample : K1161-08DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 09 03:20:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	59620	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	23001	0.99	ug/l	0.00
Spiked Amount	1.000		Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	25062	1.05	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.34	85	21	0.001	ug/l # 43
3) Chloromethane	1.33	50	48234	2.372	ug/l 98
4) Vinyl Chloride	1.40	62	258	0.011	ug/l # 79
5) Bromomethane	1.63	94	1148	0.087	ug/l 83
6) Chloroethane	1.70	64	66199	4.754	ug/l 98
7) Trichlorofluoromethane	1.89	101	113511	3.410	ug/l 98
9) 1,1-Dichloroethene	2.28	96	288	0.017	ug/l 30
10) Iodomethane	2.42	142	301	0.311	ug/l # 51
12) Acrylonitrile	2.92	53	201	0.052	ug/l # 63
13) Acetone	2.36	43	191	0.051	ug/l 94
14) Carbon Disulfide	2.48	76	723	0.012	ug/l # 41
15) Methylene Chloride	2.70	84	3802	0.182	ug/l # 63
16) trans-1,2-Dichloroethene	2.98	96	469	0.024	ug/l # 38
17) 1,1-Dichloroethane	3.44	63	114134	3.745	ug/l 96
18) 2-Butanone	4.28	43	56	0.013	ug/l 78
19) Cyclohexane	4.98	56	91	0.003	ug/l # 1
20) Methylcyclohexane	6.41	83	131	0.004	ug/l # 23
21) 2,2-Dichloropropane	4.22	77	54911	1.946	ug/l 96
22) cis-1,2-Dichloroethene	4.22	96	708	0.039	ug/l # 1
23) Diethyl Ether	2.11	59	194	0.014	ug/l # 5
24) tert-Butyl Alcohol	2.84	59	1735	1.209	ug/l # 71
25) Methyl tert-Butyl Ether	3.00	73	361473	7.464	ug/l # 85
26) Bromochloromethane	4.55	128	14882	1.860	ug/l 66
28) 1,1,1-Trichloroethane	4.90	97	1177	0.043	ug/l # 65
29) 1,1-Dichloropropene	5.13	75	56764	2.380	ug/l 90
30) Carbon Tetrachloride	4.94	117	20	0.001	ug/l # 12
31) Isopropyl Ether	3.56	45	93	0.002	ug/l 97
33) Tert-Amyl methyl ether	5.74	73	815	0.020	ug/l # 21
34) Propionitrile	4.09	54	74	0.068	ug/l # 1
35) Benzene	5.39	78	973	0.015	ug/l # 80
36) 1,2-Dichloroethane	5.16	62	22	0.001	ug/l # 82
37) Trichloroethene	6.19	130	1215	0.064	ug/l 95
38) 1,2-Dichloropropane	6.44	63	21	0.001	ug/l # 43
40) Methyl acrylate	4.42	55	48	0.006	ug/l # 69
41) Tetrahydrofuran	4.65	42	158	0.056	ug/l # 45
42) 1-Chlorobutane	5.09	56	167	0.005	ug/l 76
43) Dibromomethane	6.56	93	34654	3.790	ug/l 89
44) Bromodichloromethane	6.75	83	61	0.003	ug/l # 27
45) 4-Methyl-2-Pentanone	7.47	43	77	0.007	ug/l # 47
46) t-1,4-Dichloro-2-butene	10.49	75	25216	4.829	ug/l # 13
47) Methyl methacrylate	6.63	69	132	0.016	ug/l # 19

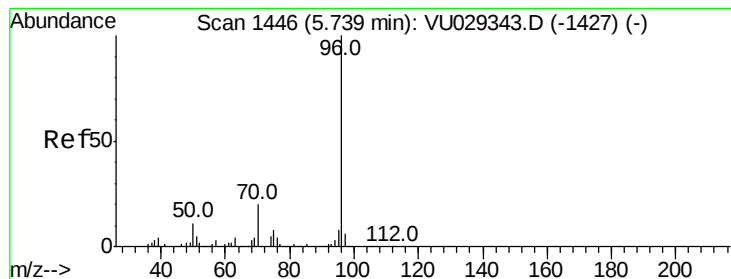
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020819\
 Data File : VU029382.D
 Acq On : 08 Feb 2019 16:51
 Operator : JC/SP
 Sample : K1161-08DL 5X
 Misc : 25.0mL/MSVOA U/WATER
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Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 09 03:20:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Ethyl methacrylate	8.03	69	48	0.003	ug/l #	9
49) Toluene	7.65	92	175	0.004	ug/l #	1
50) t-1,3-Dichloropropene	7.88	75	81323	3.561	ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	22817	0.841	ug/l #	83
52) 1,1,2-Trichloroethane	8.08	97	132	0.011	ug/l #	50
53) 1,3-Dichloropropane	8.24	76	13420	0.631	ug/l	96
54) 2-Hexanone	8.37	43	126	0.017	ug/l #	9
55) Dibromochloromethane	8.23	129	722	0.042	ug/l #	12
58) Tetrachloroethene	8.22	164	823	0.047	ug/l #	60
59) Chlorobenzene	9.13	112	698	0.015	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.21	131	50383	2.868	ug/l	96
61) Pentachloroethane	11.10	117	9616	0.706	ug/l #	14
62) Hexachloroethane	12.15	117	605	0.041	ug/l	84
63) Ethyl Benzene	9.38	91	886	0.011	ug/l	90
64) m/p-Xylenes	9.38	106	206	0.006	ug/l #	1
66) Styrene	9.80	104	924	0.018	ug/l #	85
69) Isopropylbenzene	10.16	105	102067	1.213	ug/l	94
70) 1,1,2,2-Tetrachloroethane	10.46	83	49989	3.222	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	25216	2.367	ug/l #	87
72) Bromobenzene	10.45	156	78267	3.837	ug/l	83
73) n-propylbenzene	10.58	120	73406	3.132	ug/l	79
74) 2-Chlorotoluene	10.66	126	86695	4.344	ug/l	73
75) 1,3,5-Trimethylbenzene	10.77	105	257216	3.546	ug/l	96
76) 4-Chlorotoluene	10.77	126	66636	3.217	ug/l	78
77) tert-Butylbenzene	11.10	119	264187	3.684	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	215188	2.930	ug/l	94
79) sec-Butylbenzene	11.32	105	278551	2.969	ug/l	94
80) Nitrobenzene	12.87	77	20	0.029	ug/l #	43
81) p-Isopropyltoluene	11.48	119	255045	3.207	ug/l	93
82) 1,3-Dichlorobenzene	11.41	146	140315	3.507	ug/l	96
83) 1,4-Dichlorobenzene	11.41	146	140315	3.521	ug/l	97
84) n-Butylbenzene	11.89	91	229951	3.151	ug/l	96
86) 1,2-Dibromo-3-Chloropropan	12.48	75	341	0.118	ug/l #	11
88) Hexachlorobutadiene	13.69	225	102797	6.679	ug/l	99
89) Naphthalene	13.74	128	176993	3.927	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	249451	10.271	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

Delta R.T. 0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

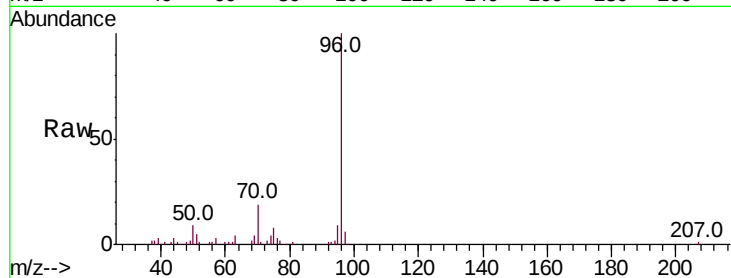
MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 59620

Ion Ratio Lower Upper

96	100		
70	19.3	16.2	24.2
95	9.5	7.4	11.2
97	6.4	0.0	0.0#

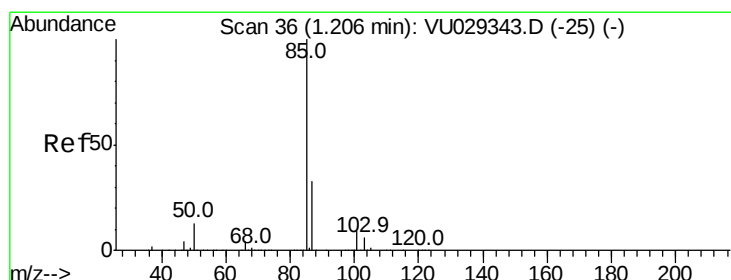
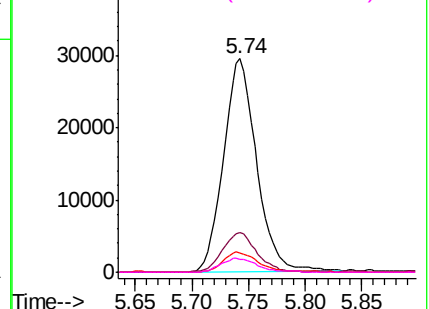
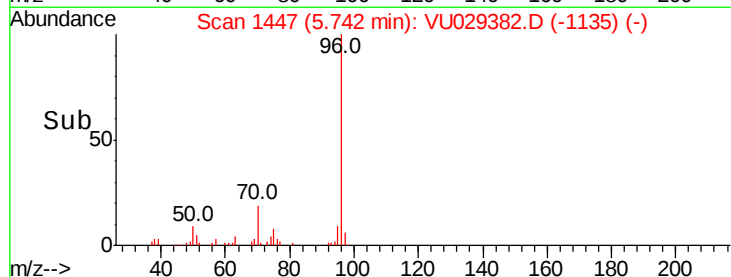


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 0.001 ug/l

RT: 1.34 min Scan# 79

Delta R.T. 0.14 min

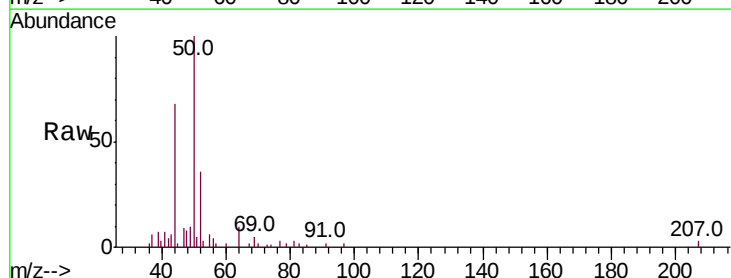
Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Tgt Ion: 85 Resp: 21

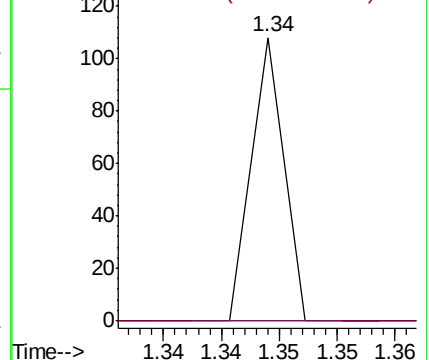
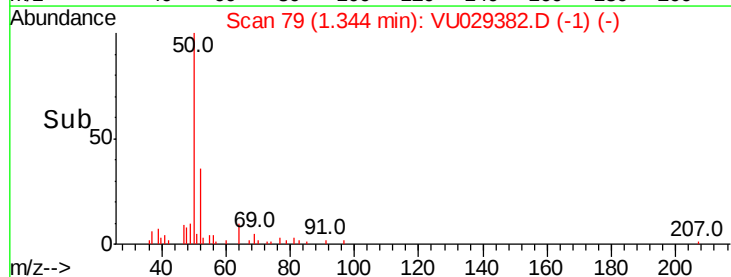
Ion Ratio Lower Upper

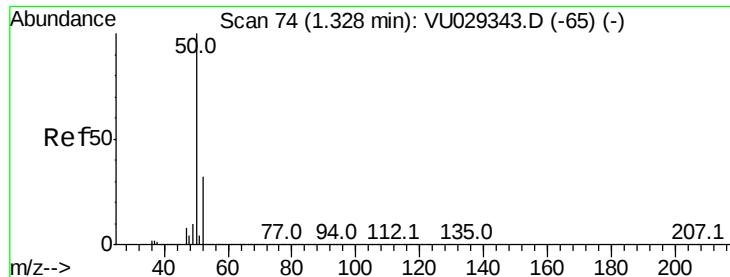
85	100		
87	0.0	15.9	47.6#



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 2.372 ug/l

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

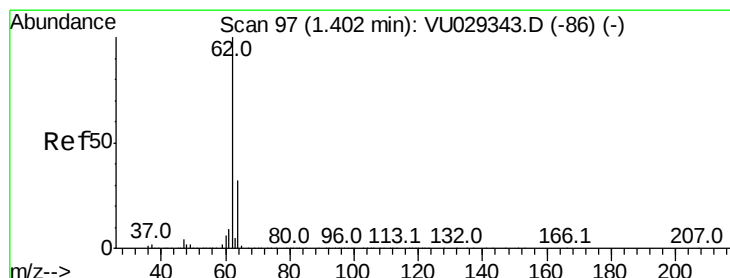
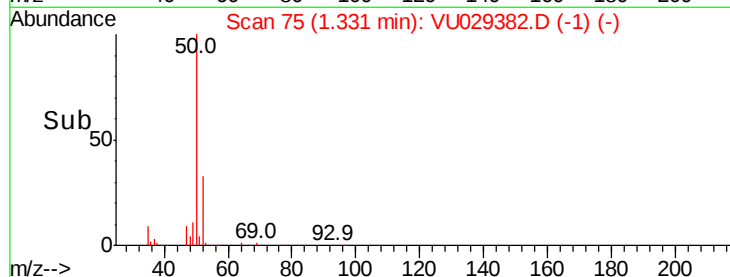
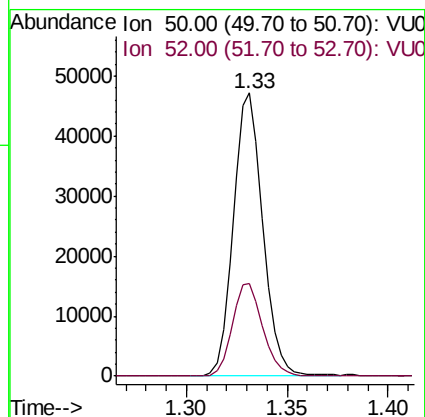
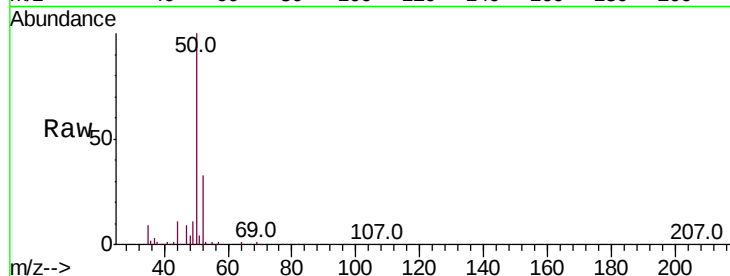
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 50 Resp: 48234

Ion Ratio Lower Upper

50 100

52 32.7 27.3 40.9



#4

Vinyl Chloride

Concen: 0.011 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029382.D

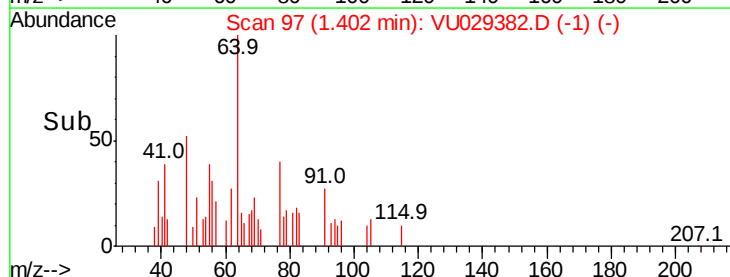
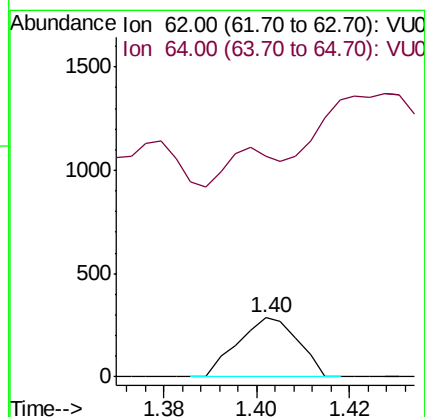
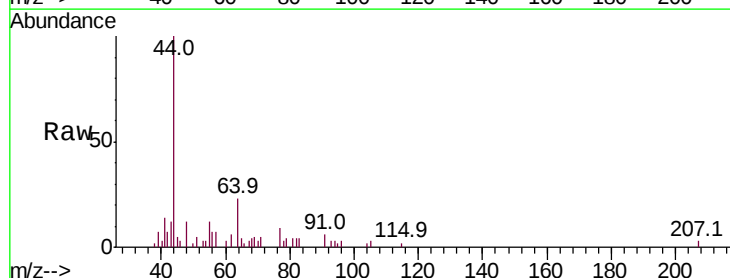
Acq: 08 Feb 2019 16:51

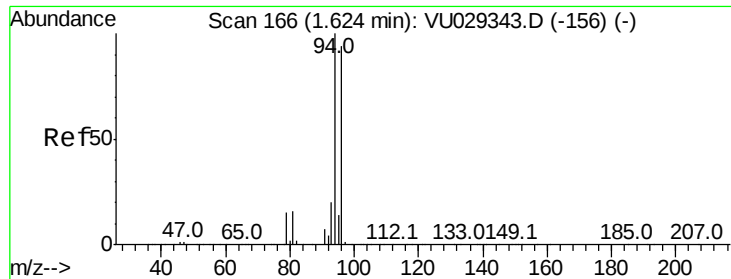
Tgt Ion: 62 Resp: 258

Ion Ratio Lower Upper

62 100

64 43.2 25.2 37.8#





#5

Bromomethane

Concen: 0.087 ug/l

RT: 1.63 min Scan# 169

Delta R.T. 0.01 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

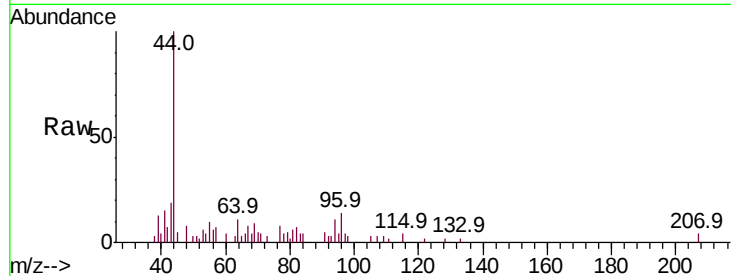
ClientSampled :

Tot Ion: 94 Resp: 1148

Ion Ratio Lower Upper

94 100

96 105.7 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

800

600

400

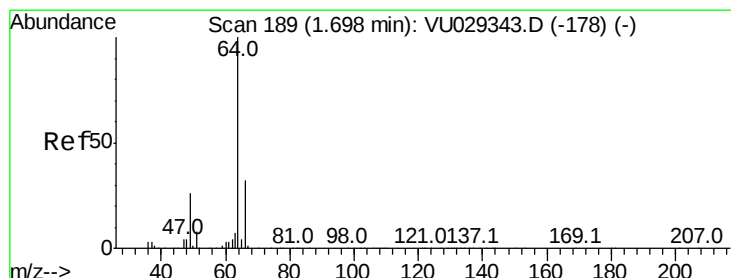
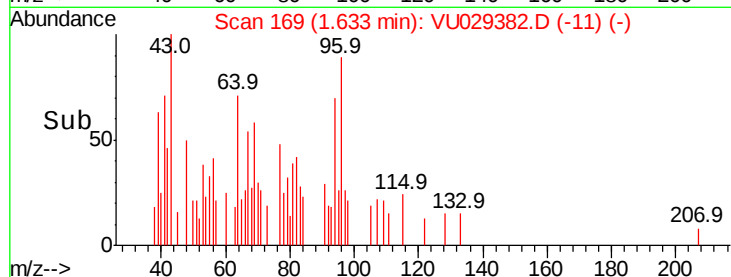
200

0

1.60 1.65

1.63

Time-->



#6

Chloroethane

Concen: 4.754 ug/l

RT: 1.70 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU029382.D

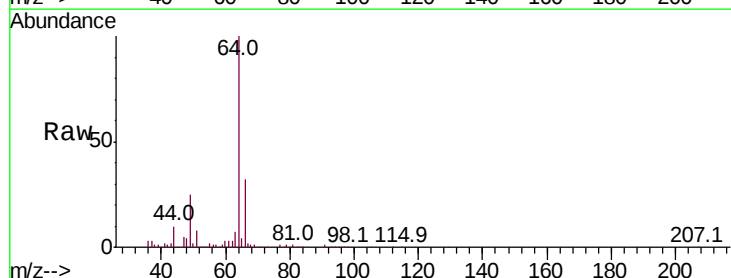
Acq: 08 Feb 2019 16:51

Tgt Ion: 64 Resp: 66199

Ion Ratio Lower Upper

64 100

66 31.8 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

60000

50000

40000

30000

20000

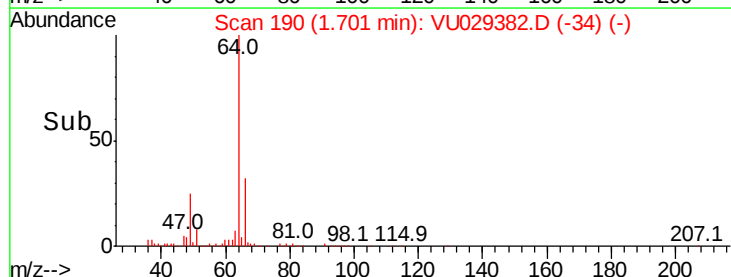
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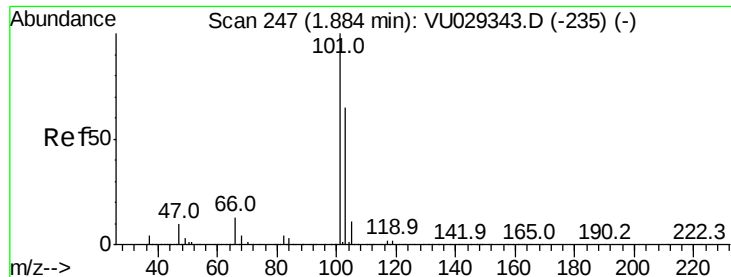
0

1.65 1.70 1.75

1.70

Time-->



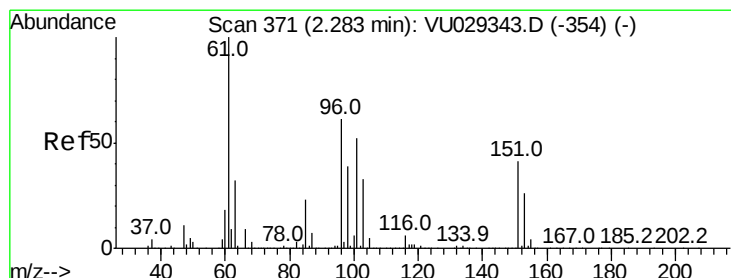
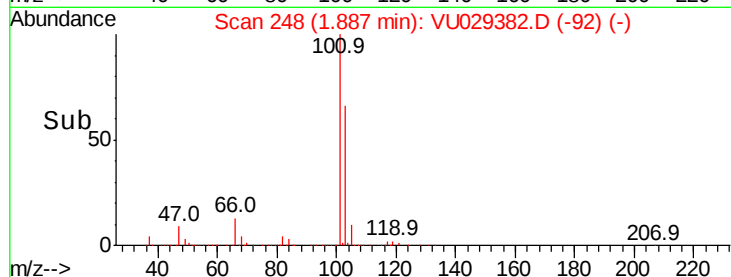
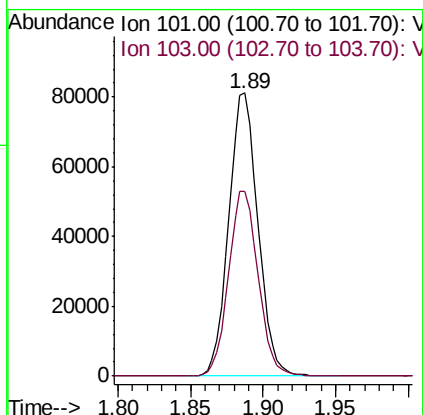
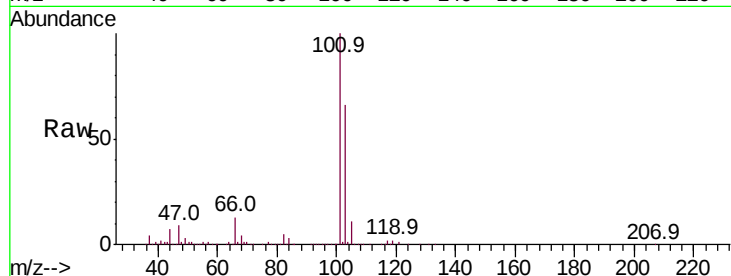


#7

Trichlorofluoromethane
Concen: 3.410 ug/l
RT: 1.89 min Scan# 248
Delta R.T. 0.00 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

Instrument :
MSVOA_U
ClientSampleId :

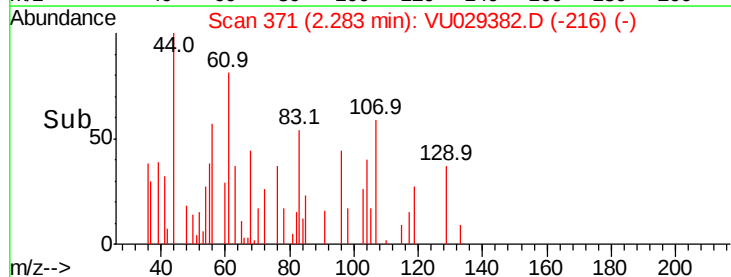
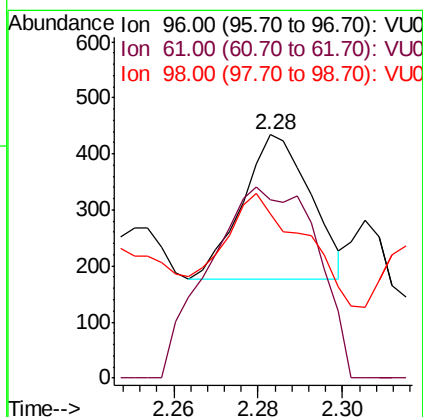
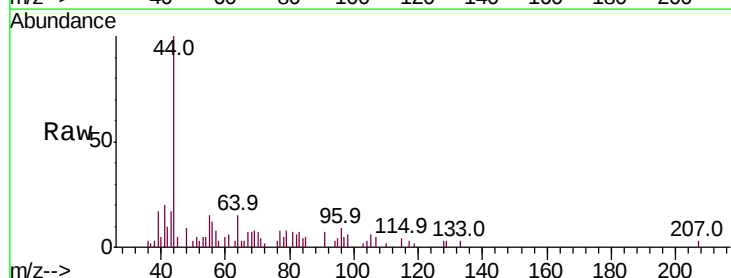
Tot Ion:101 Resp: 113511
Ion Ratio Lower Upper
101 100
103 65.5 53.9 80.9

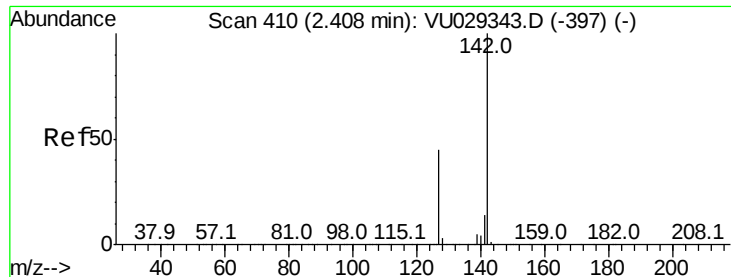


#9

1,1-Dichloroethene
Concen: 0.017 ug/l
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

Tgt Ion: 96 Resp: 288
Ion Ratio Lower Upper
96 100
61 77.8 0.0 641.4
98 51.0 0.0 122.6

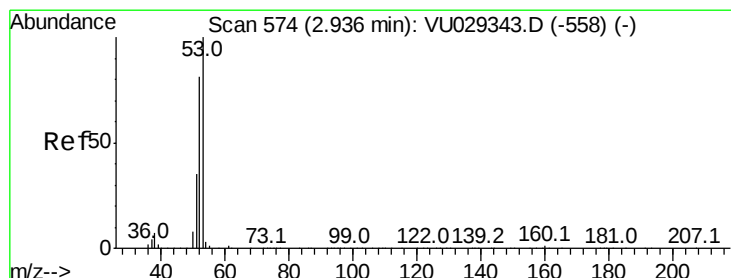
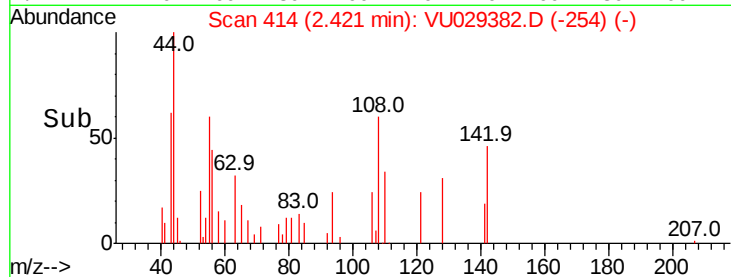
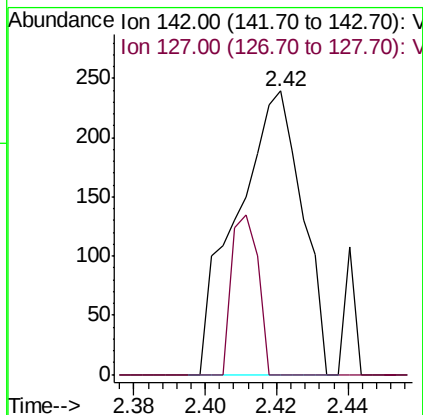
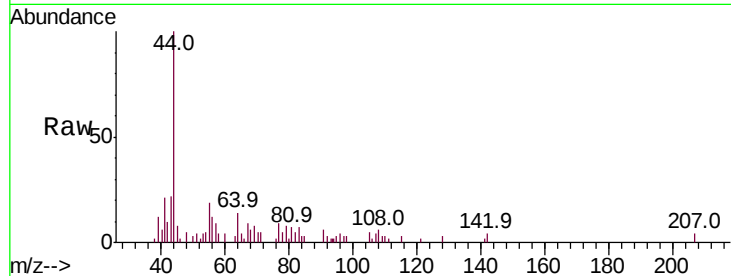




#10
 Iodomethane
 Concen: 0.311 ug/l
 RT: 2.42 min Scan# 414
 Delta R.T. 0.01 min
 Lab File: VU029382.D
 Acq: 08 Feb 2019 16:51

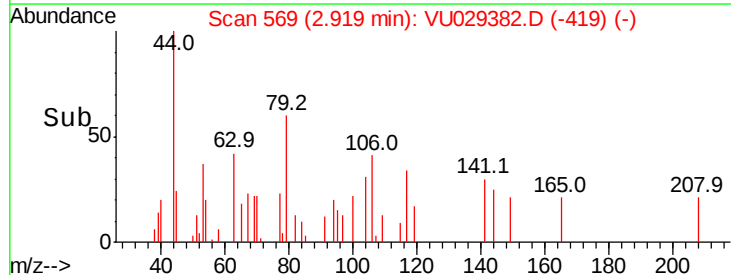
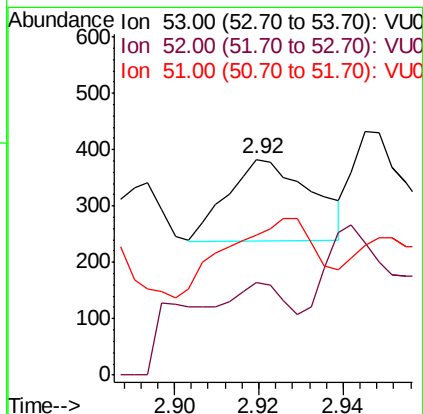
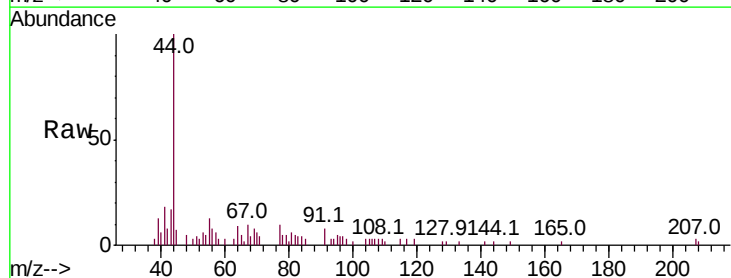
Instrument :
 MSVOA_U
 ClientSampled :

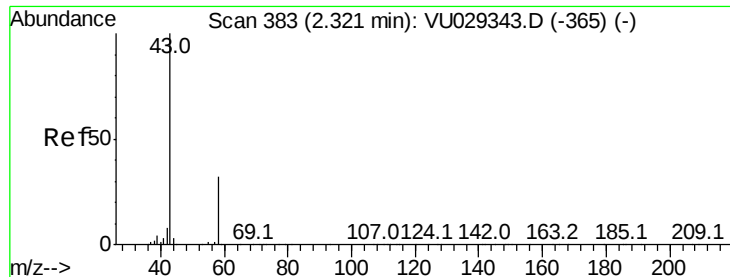
Tot Ion:142 Resp: 301
 Ion Ratio Lower Upper
 142 100
 127 22.9 47.6 71.4#



#12
 Acrylonitrile
 Concen: 0.052 ug/l
 RT: 2.92 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: VU029382.D
 Acq: 08 Feb 2019 16:51

Tgt Ion: 53 Resp: 201
 Ion Ratio Lower Upper
 53 100
 52 81.1 67.6 101.4
 51 104.5 31.0 46.4#

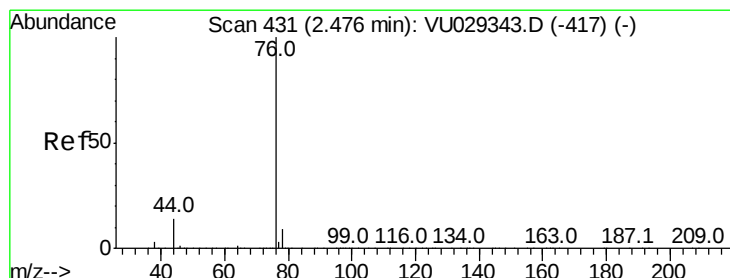
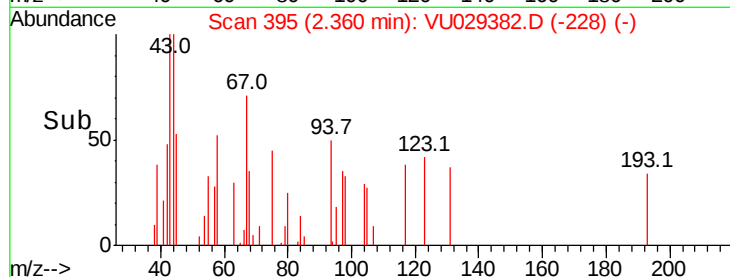
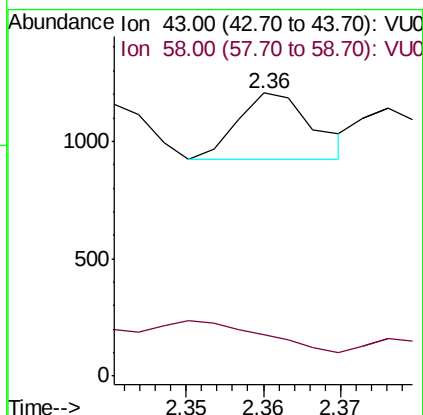
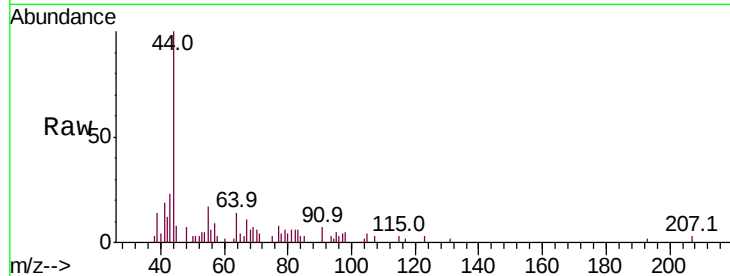




#13
Acetone
Concen: 0.051 ug/l
RT: 2.36 min Scan# 395
Delta R.T. 0.04 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

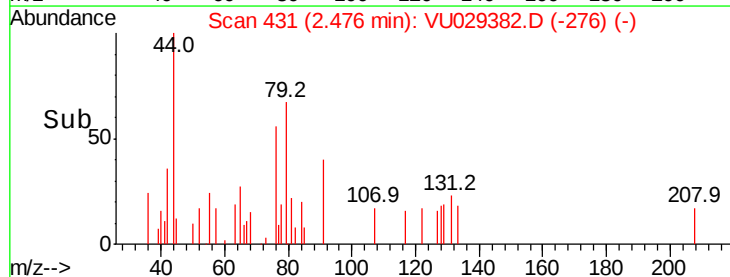
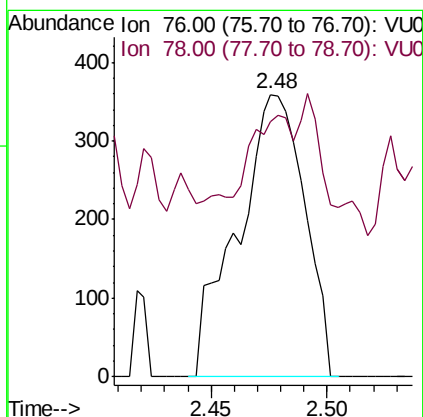
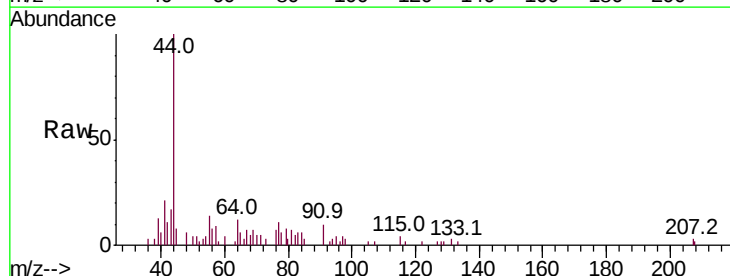
Instrument :
MSVOA_U
ClientSampleId :

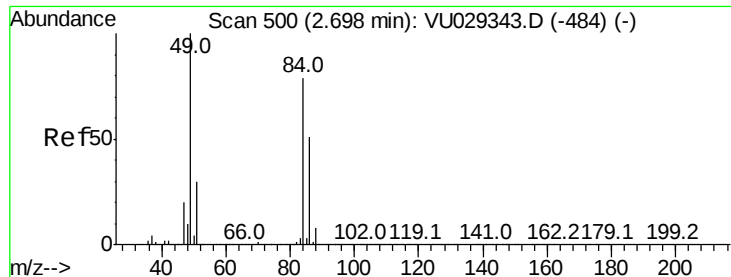
Tot Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
58 26.9 19.2 28.8



#14
Carbon Disulfide
Concen: 0.012 ug/l
RT: 2.48 min Scan# 431
Delta R.T. -0.00 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

Tgt Ion: 76 Resp: 723
Ion Ratio Lower Upper
76 100
78 30.1 7.1 10.7#

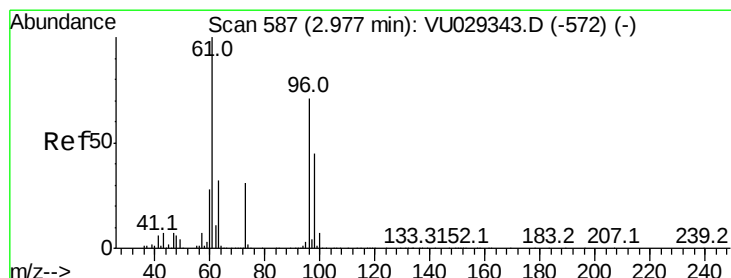
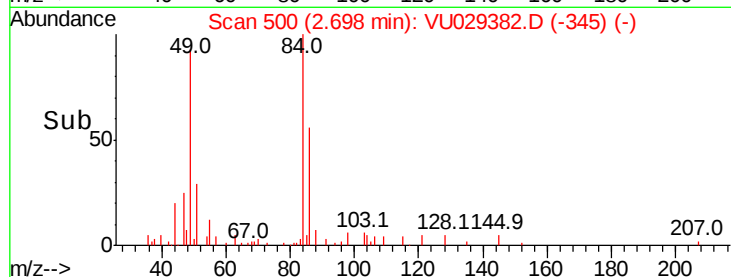
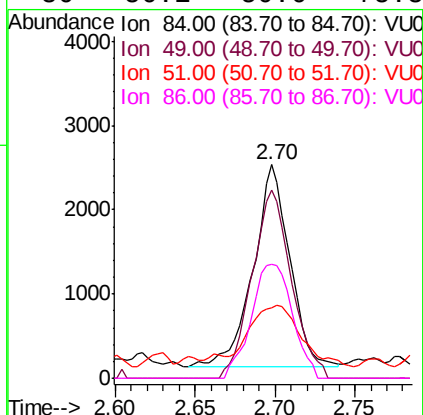
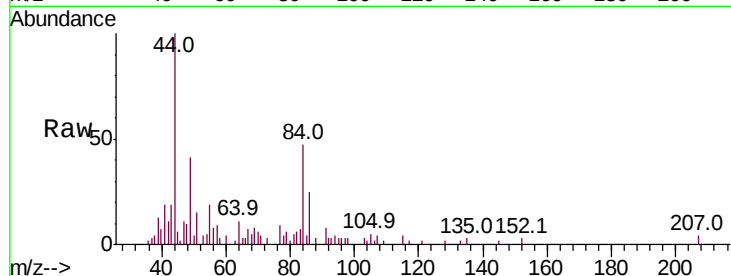




#15
Methylene Chloride
Concen: 0.182 ug/l
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

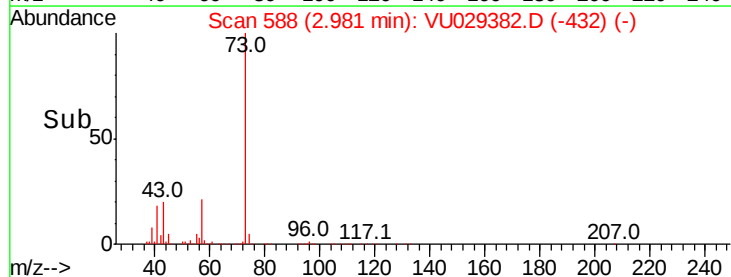
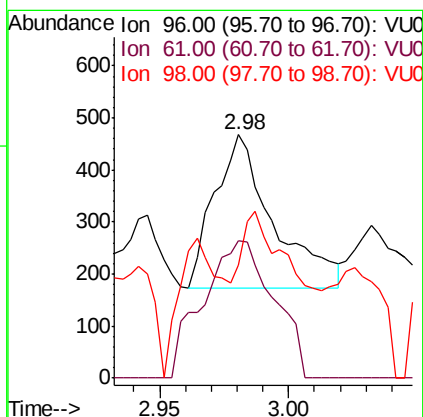
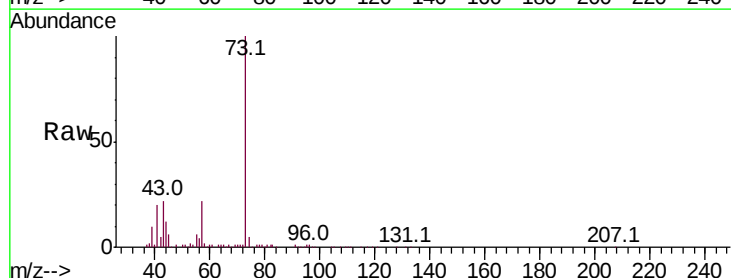
Instrument :
MSVOA_U
ClientSampleId :

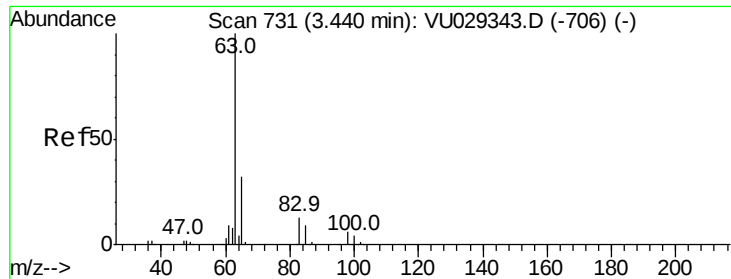
Tot Ion:	84	Resp:	3802
Ion	Ratio	Lower	Upper
84	100		
49	92.6	127.0	190.6#
51	26.0	0.0	93.4
86	56.1	50.6	75.8



#16
trans-1,2-Dichloroethene
Concen: 0.024 ug/l
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

Tgt Ion:	96	Resp:	469
Ion	Ratio	Lower	Upper
96	100		
61	89.2	140.6	210.8#
98	12.5	49.3	73.9#





#17

1,1-Dichloroethane

Concen: 3.745 ug/l

RT: 3.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

ClientSampleId :

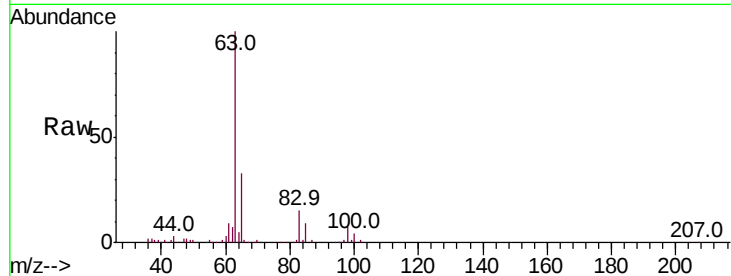
Tot Ion: 63 Resp: 114134

Ion Ratio Lower Upper

63 100

98 7.4 2.9 8.8

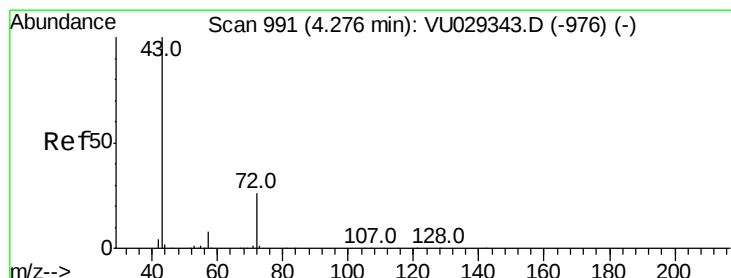
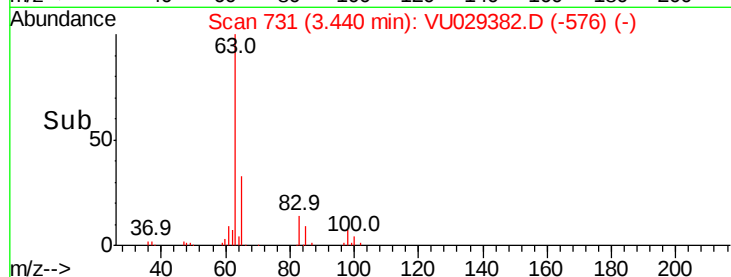
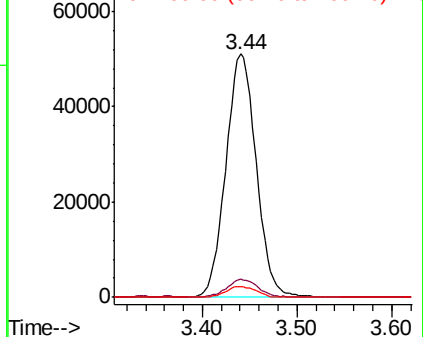
100 4.3 1.7 5.1



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#18

2-Butanone

Concen: 0.013 ug/l

RT: 4.28 min Scan# 991

Delta R.T. -0.00 min

Lab File: VU029382.D

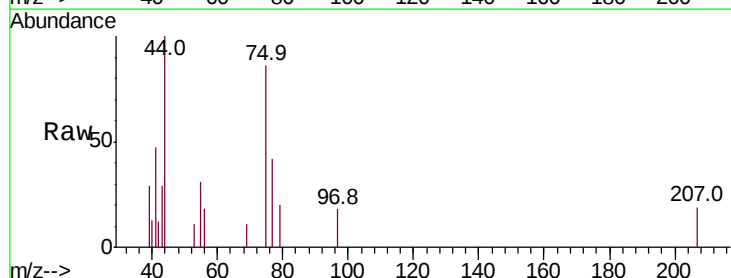
Acq: 08 Feb 2019 16:51

Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

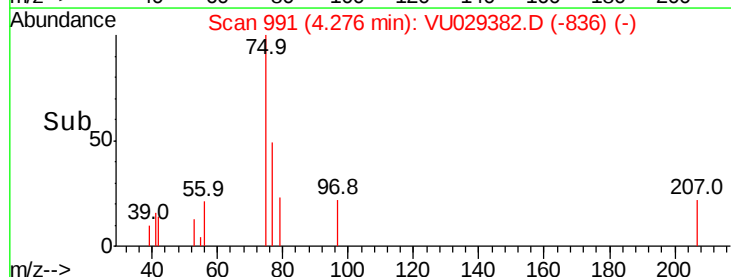
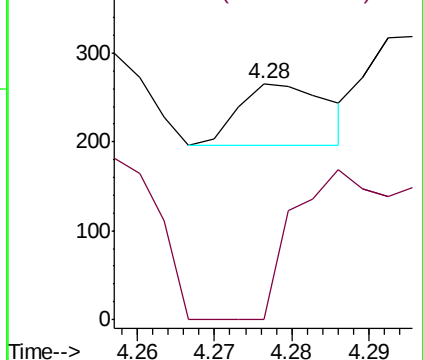
43 100

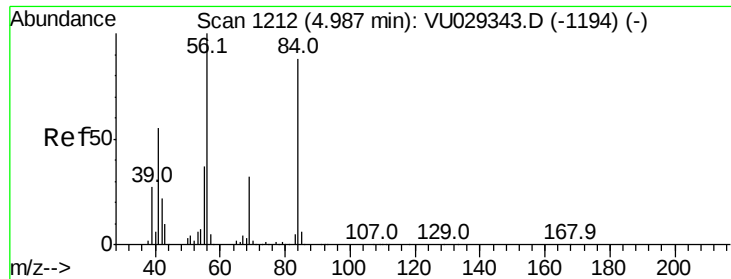
57 0.0 0.0 15.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

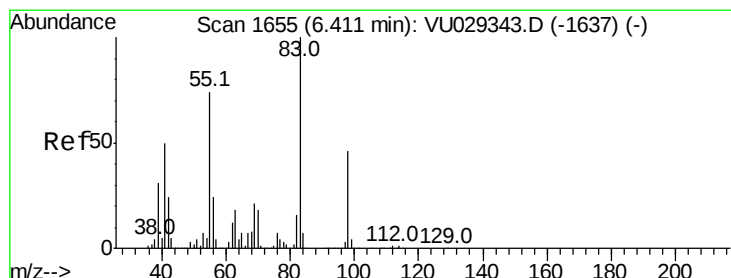
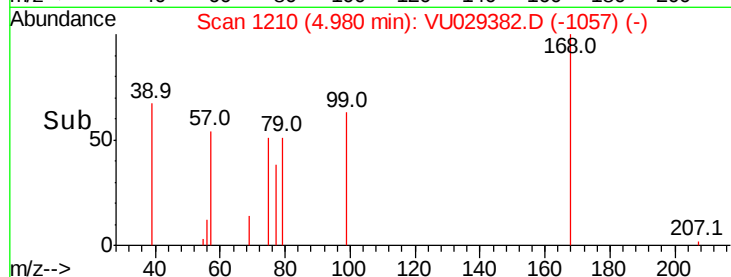
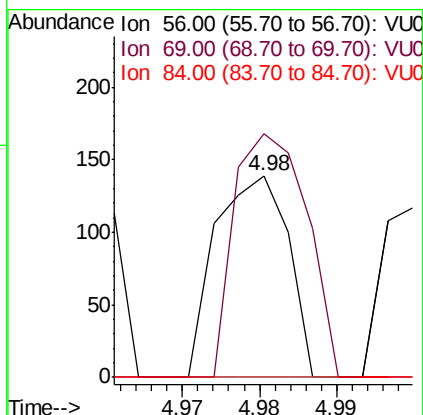
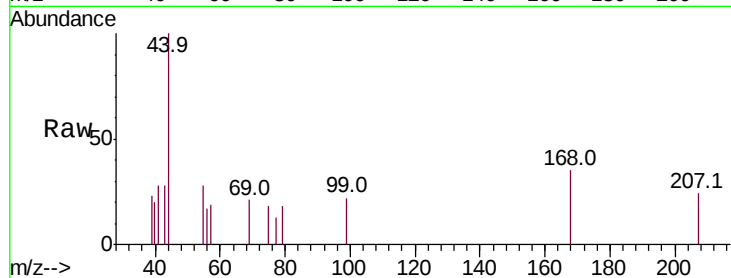




#19
Cyclohexane
Concen: 0.003 ug/l
RT: 4.98 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

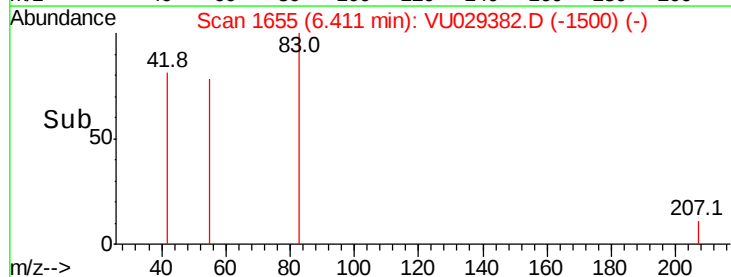
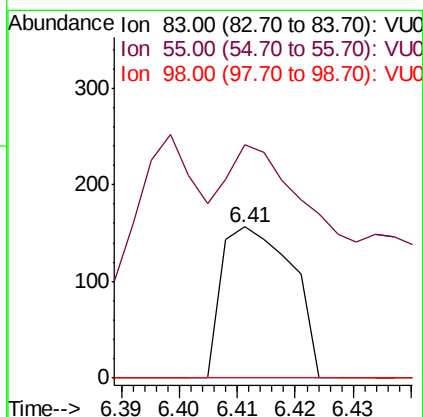
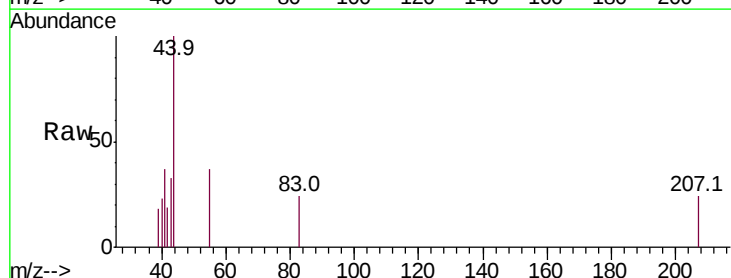
Instrument :
MSVOA_U
ClientSampled :

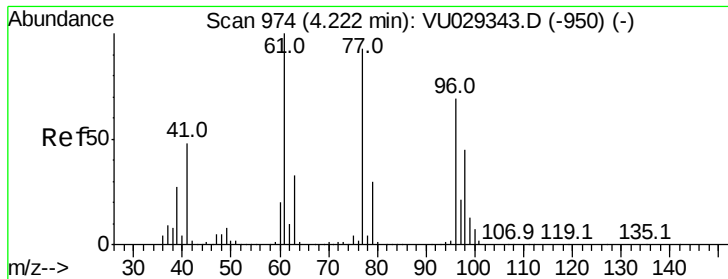
Tot Ion: 56 Resp: 91
Ion Ratio Lower Upper
56 100
69 120.9 26.8 40.2#
84 0.0 71.5 107.3#



#20
Methylcyclohexane
Concen: 0.004 ug/l
RT: 6.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

Tgt Ion: 83 Resp: 131
Ion Ratio Lower Upper
83 100
55 166.4 72.4 108.6#
98 0.0 36.6 54.8#





#21

2,2-Dichloropropane

Concen: 1.946 ug/l

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

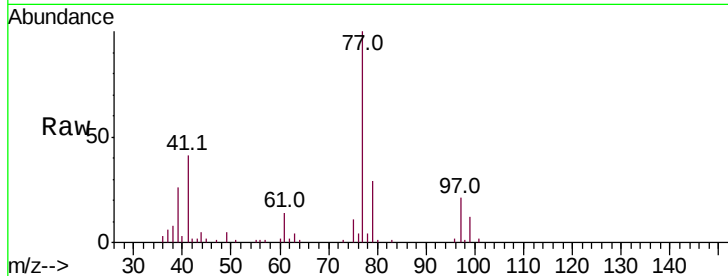
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 77 Resp: 54911

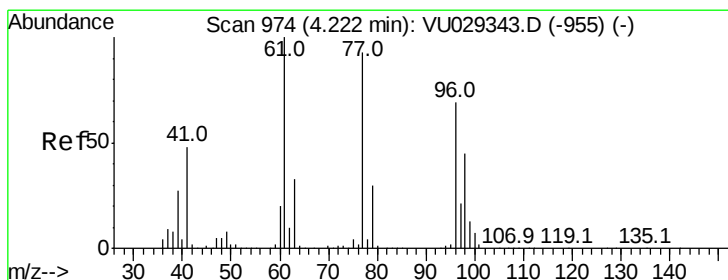
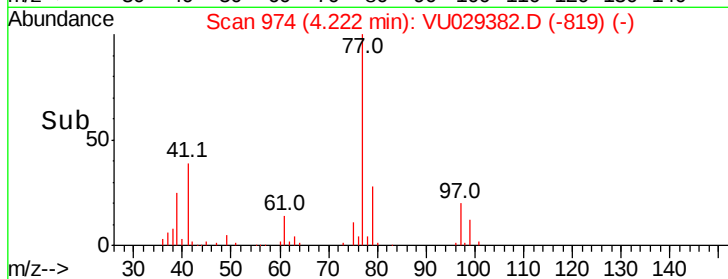
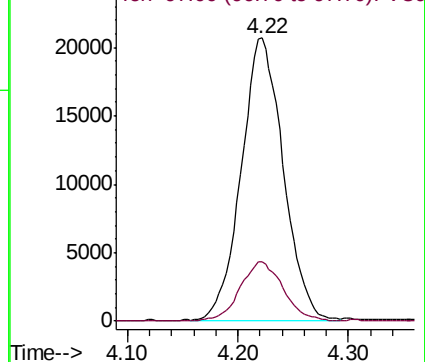
Ion Ratio Lower Upper

77 100

97 21.4 15.6 23.4



Abundance Ion 77.00 (76.70 to 77.70): VU0
Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.039 ug/l

RT: 4.22 min Scan# 972

Delta R.T. -0.01 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

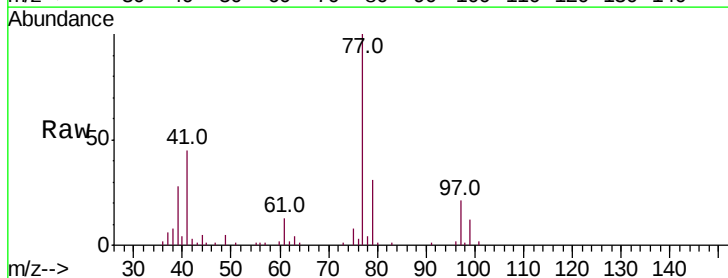
Tgt Ion: 96 Resp: 708

Ion Ratio Lower Upper

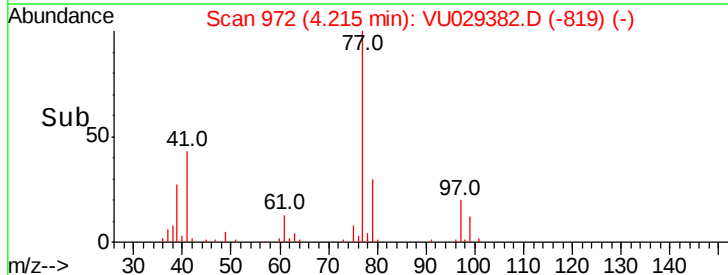
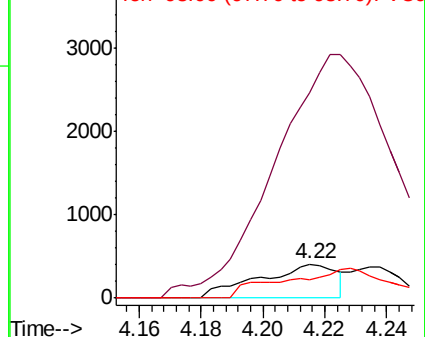
96 100

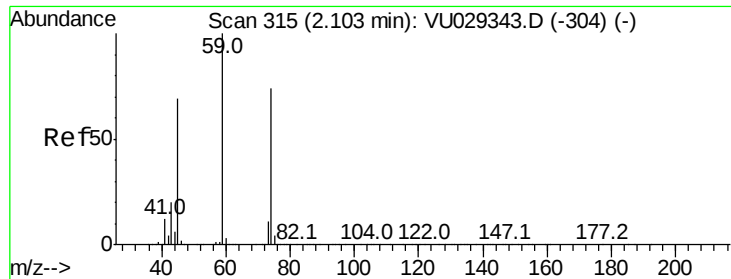
61 1112.7 0.0 460.0#

98 111.4 32.6 97.7#



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

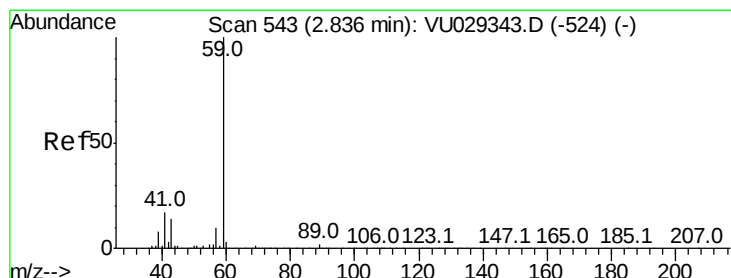
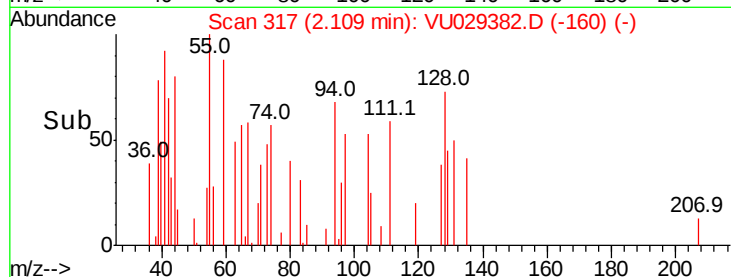
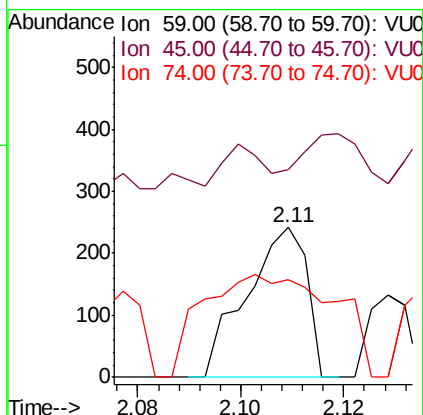
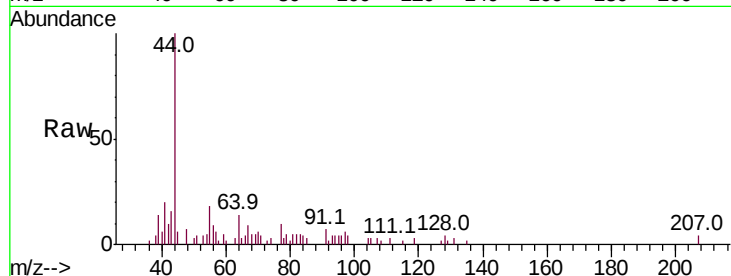




#23
Diethyl Ether
Concen: 0.014 ug/l
RT: 2.11 min Scan# 317
Delta R.T. 0.01 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

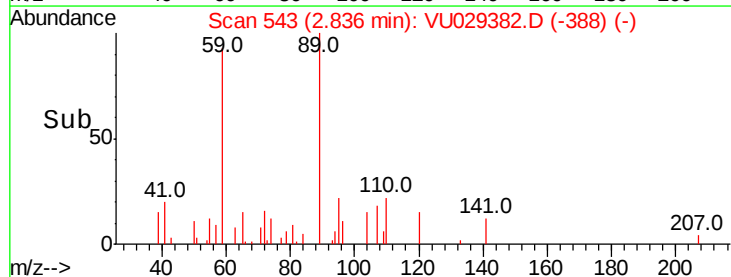
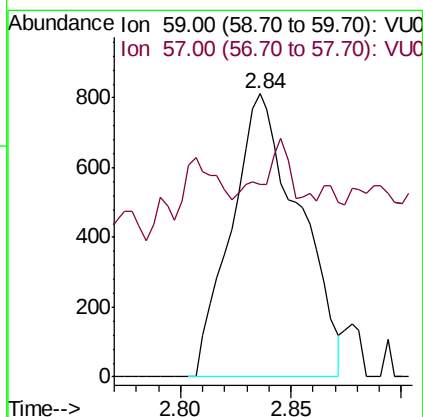
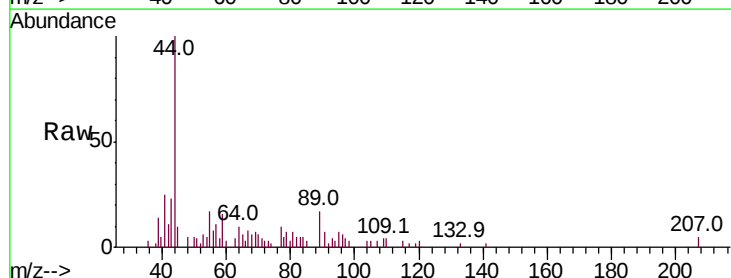
Instrument :
MSVOA_U
ClientSampleId :

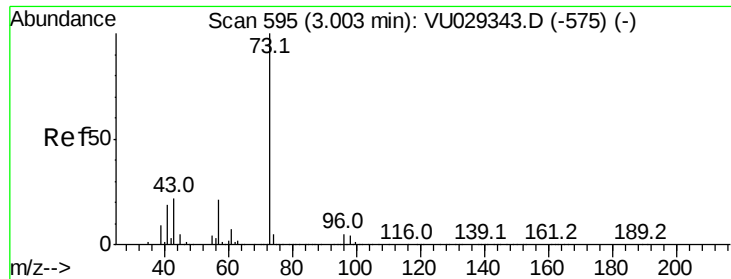
Tot Ion: 59 Resp: 194
Ion Ratio Lower Upper
59 100
45 0.0 64.2 96.4#
74 150.0 55.3 82.9#



#24
tert-Butyl Alcohol
Concen: 1.209 ug/l
RT: 2.84 min Scan# 543
Delta R.T. -0.00 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

Tgt Ion: 59 Resp: 1735
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#25

Methyl tert-Butyl Ether

Concen: 7.464 ug/l

RT: 3.00 min Scan# 595

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

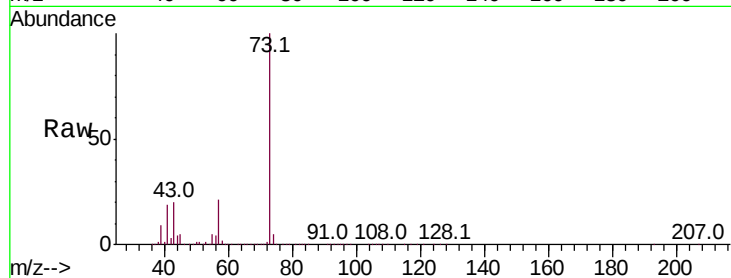
ClientSampleId :

Tot Ion: 73 Resp: 361473

Ion Ratio Lower Upper

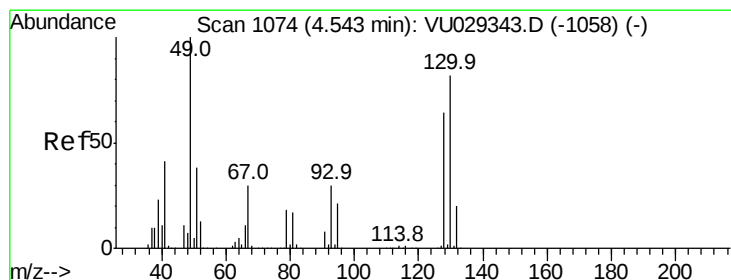
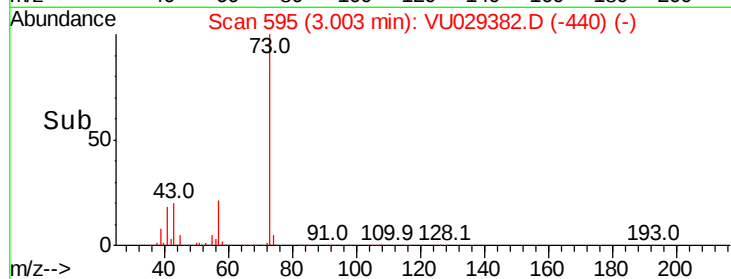
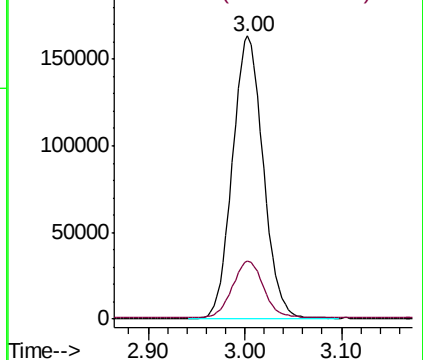
73 100

43 19.5 22.1 33.1#



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#26

Bromochloromethane

Concen: 1.860 ug/l

RT: 4.55 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

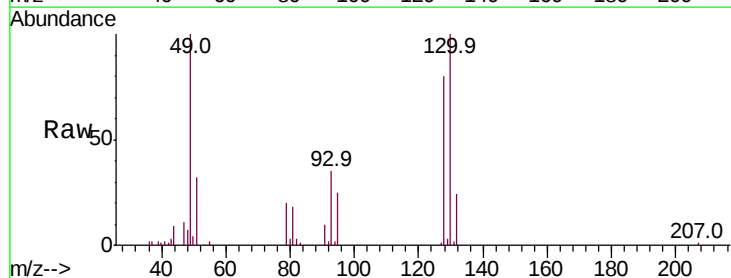
Tgt Ion: 128 Resp: 14882

Ion Ratio Lower Upper

128 100

49 125.2 0.0 401.6

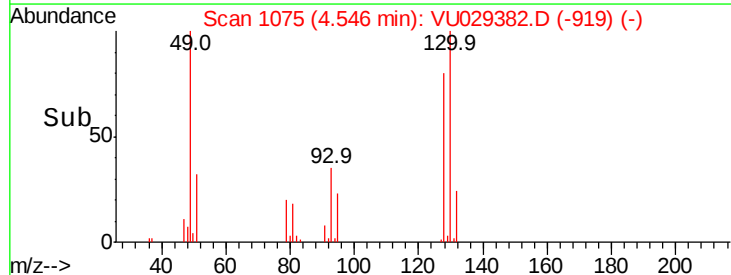
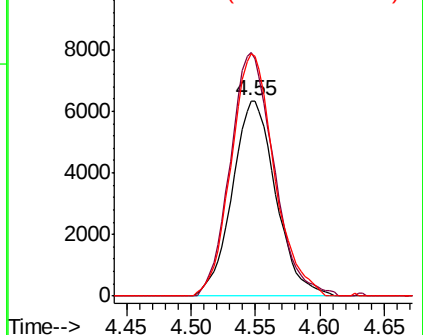
130 123.3 108.0 162.0

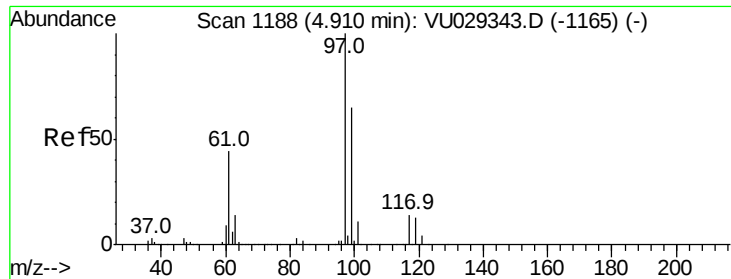


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V

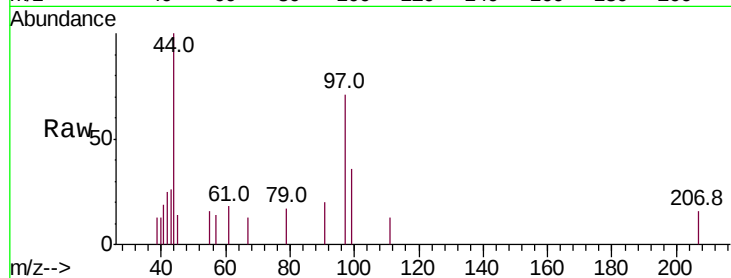




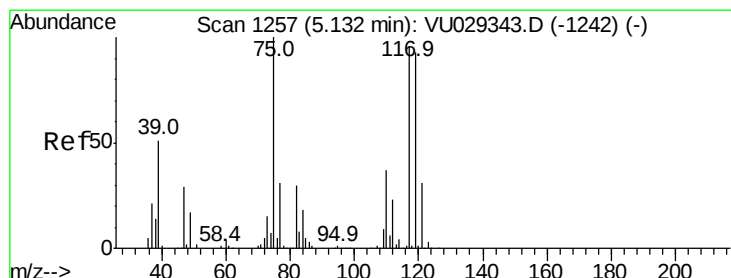
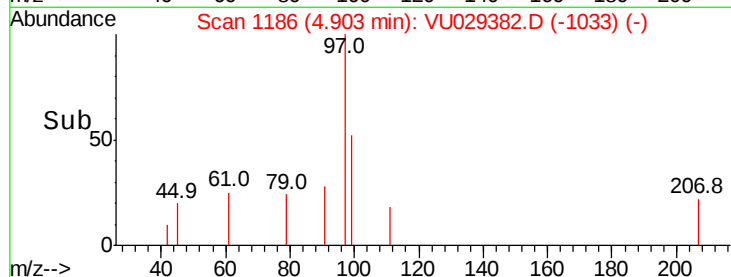
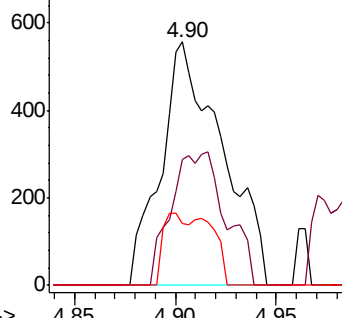
#28
 1,1,1-Trichloroethane
 Concen: 0.043 ug/l
 RT: 4.90 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: VU029382.D
 Acq: 08 Feb 2019 16:51

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 97 Resp: 1177
 Ion Ratio Lower Upper
 97 100
 99 49.0 32.4 97.2
 61 12.1 24.4 73.2#

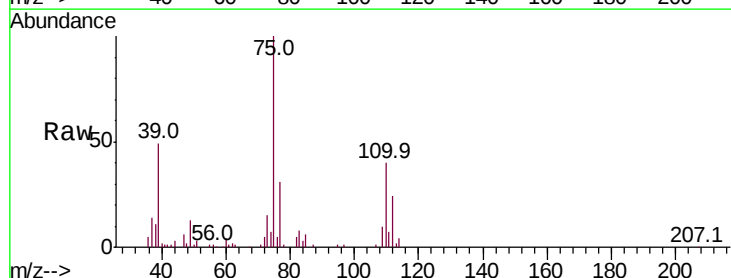


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0

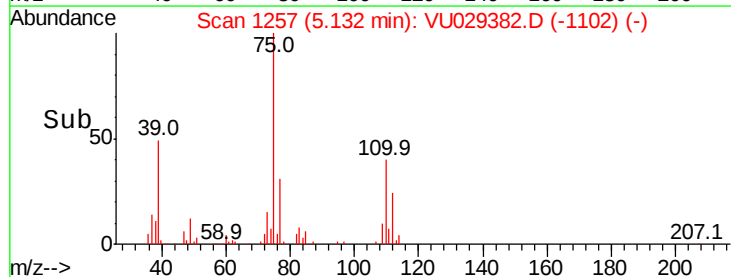
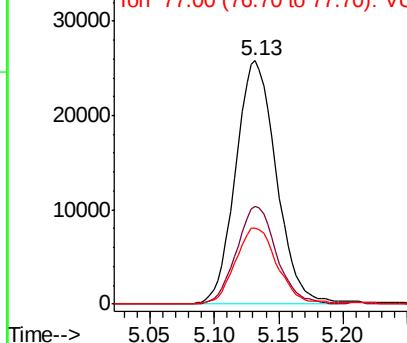


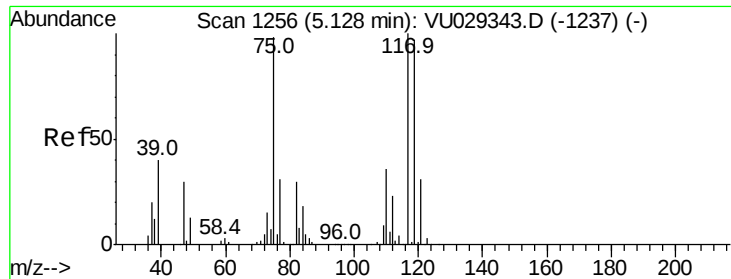
#29
 1,1-Dichloropropene
 Concen: 2.380 ug/l
 RT: 5.13 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VU029382.D
 Acq: 08 Feb 2019 16:51

Tgt Ion: 75 Resp: 56764
 Ion Ratio Lower Upper
 75 100
 110 39.2 15.4 46.2
 77 32.2 24.1 36.1



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VU0





#30

Carbon Tetrachloride

Concen: 0.001 ug/l

RT: 4.94 min Scan# 1198

Delta R.T. -0.19 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :
MSVOA_U
ClientSampled :

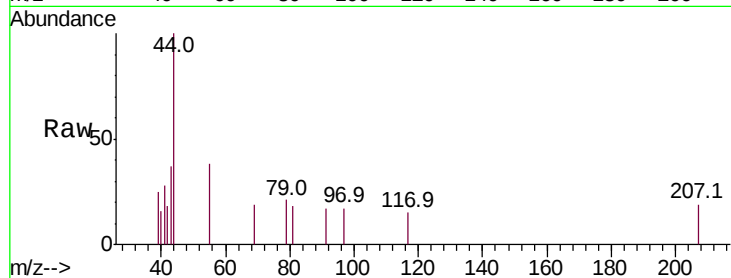
Tot Ion:117 Resp: 20

Ion Ratio Lower Upper

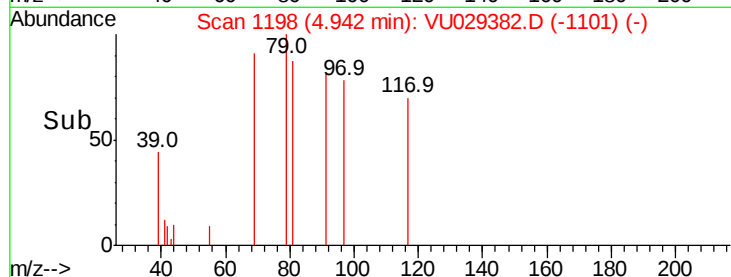
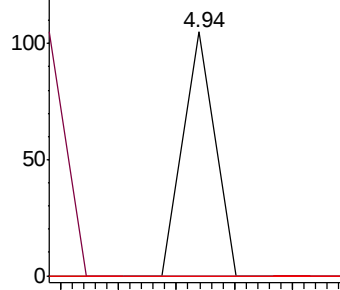
117 100

119 0.0 76.8 115.2#

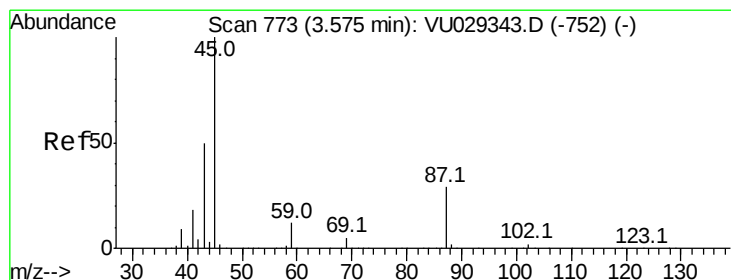
121 0.0 24.4 36.6#



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



Time-->



#31

Isopropyl Ether

Concen: 0.002 ug/l

RT: 3.56 min Scan# 769

Delta R.T. -0.01 min

Lab File: VU029382.D

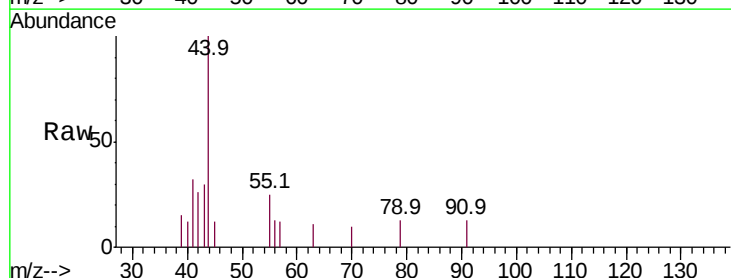
Acq: 08 Feb 2019 16:51

Tgt Ion: 45 Resp: 93

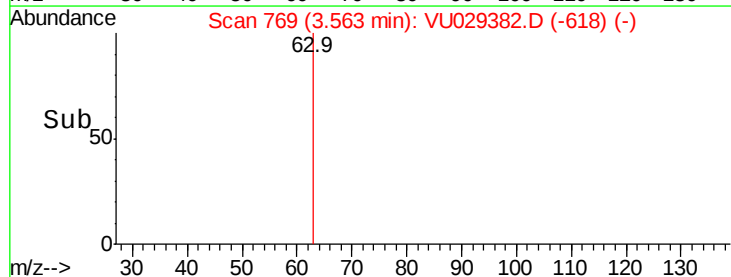
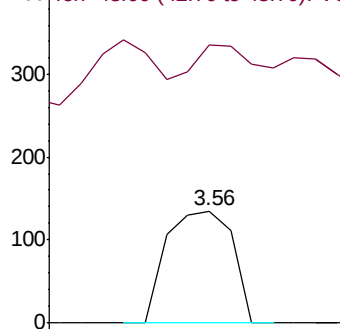
Ion Ratio Lower Upper

45 100

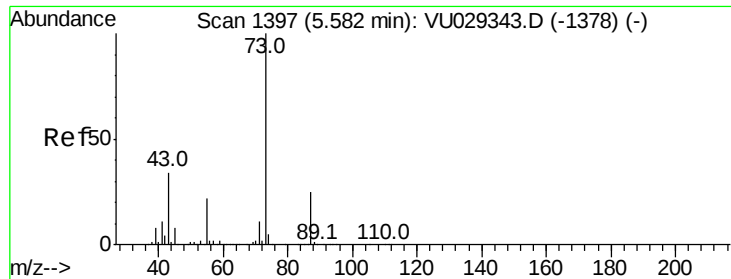
43 54.8 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0



Time-->

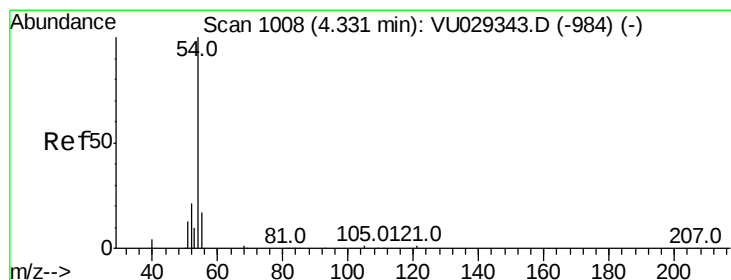
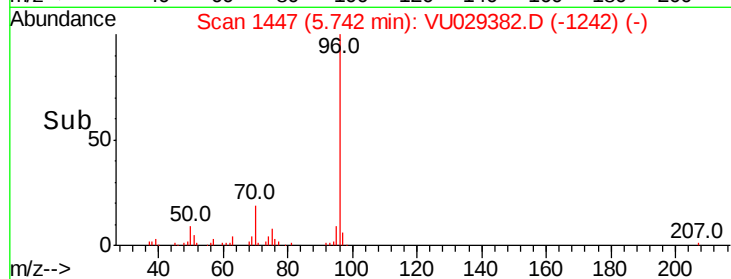
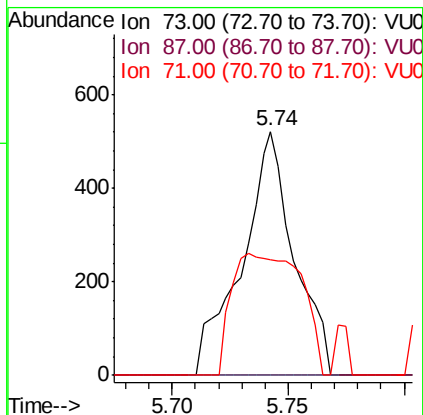
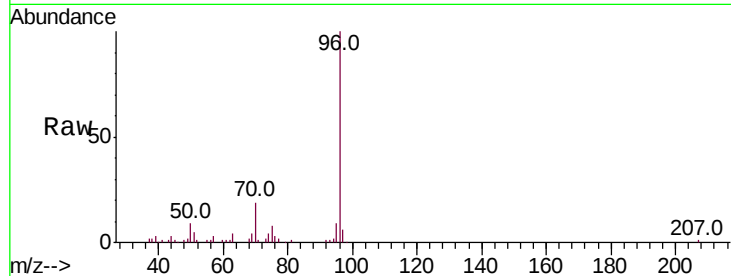


#33

Tert-Amvl methvl ether
 Concen: 0.020 ug/l
 RT: 5.74 min Scan# 1447
 Delta R.T. 0.16 min
 Lab File: VU029382.D
 Acq: 08 Feb 2019 16:51

Instrument :
 MSVOA_U
 ClientSampleId :

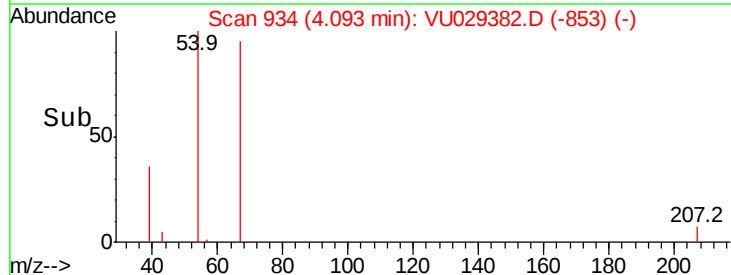
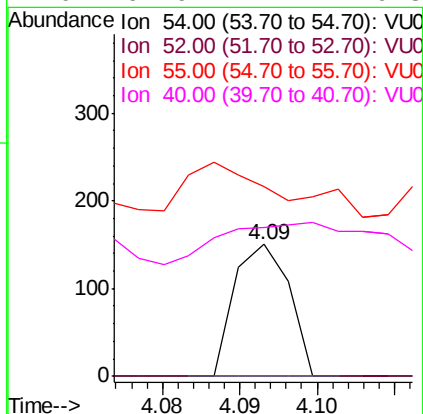
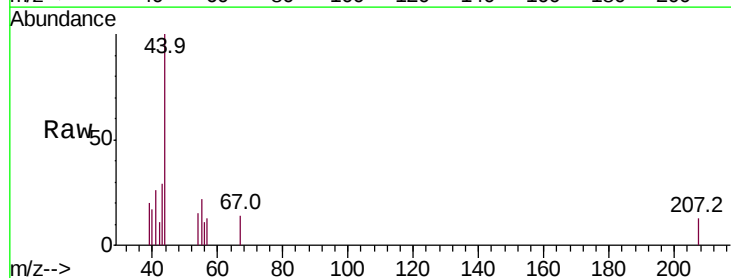
Tot Ion: 73 Resp: 815
 Ion Ratio Lower Upper
 73 100
 87 0.0 19.4 29.0#
 71 66.6 9.0 13.4#

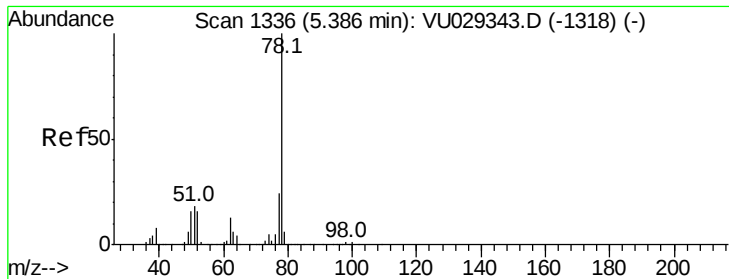


#34

Propionitrile
 Concen: 0.068 ug/l
 RT: 4.09 min Scan# 934
 Delta R.T. -0.24 min
 Lab File: VU029382.D
 Acq: 08 Feb 2019 16:51

Tgt Ion: 54 Resp: 74
 Ion Ratio Lower Upper
 54 100
 52 0.0 18.9 28.3#
 55 237.8 15.1 22.7#
 40 64.9 7.2 10.8#





#35

Benzene

Concen: 0.015 ug/l

RT: 5.39 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

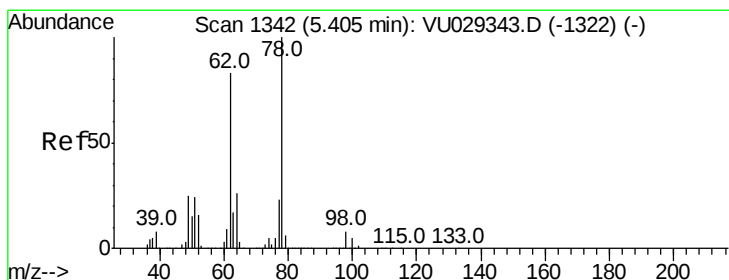
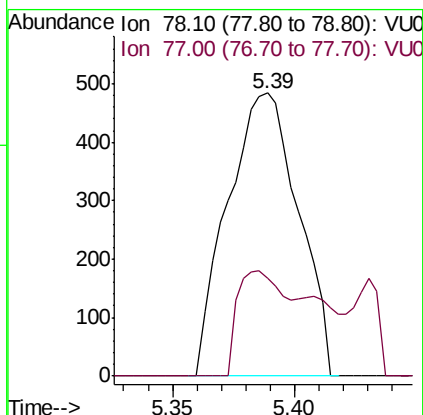
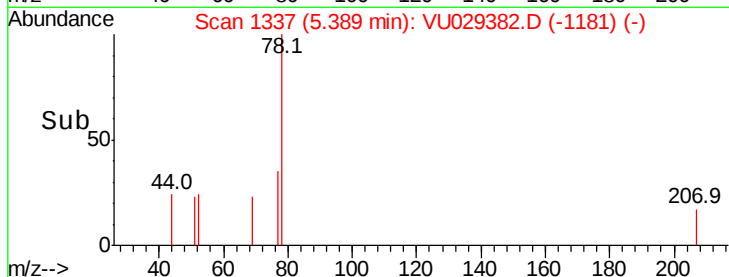
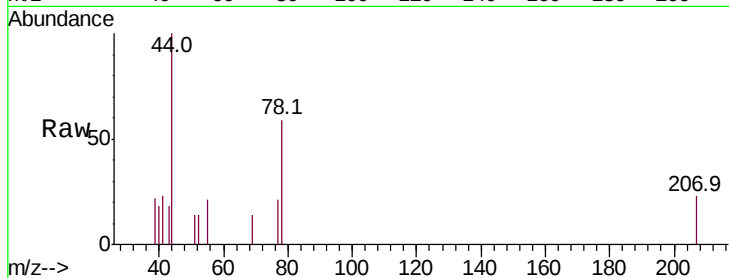
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 973

Ion Ratio Lower Upper

78 100

77 34.7 19.8 29.8#



#36

1,2-Dichloroethane

Concen: 0.001 ug/l

RT: 5.16 min Scan# 1267

Delta R.T. -0.24 min

Lab File: VU029382.D

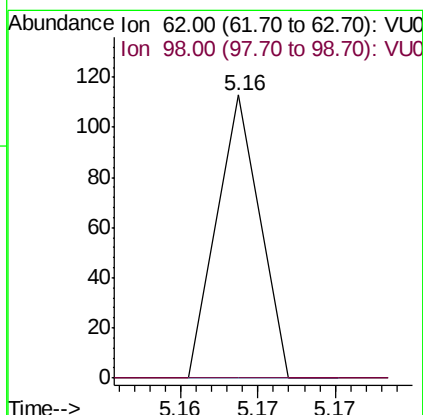
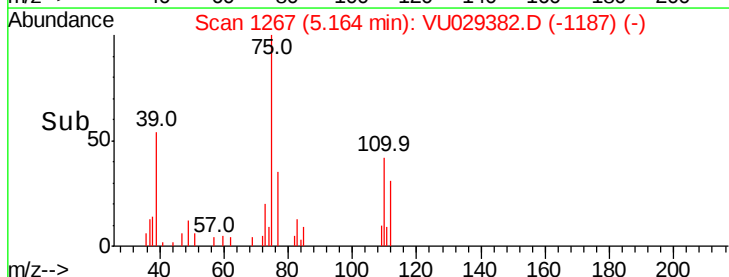
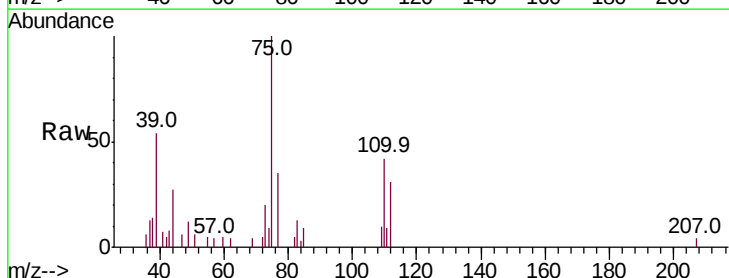
Acq: 08 Feb 2019 16:51

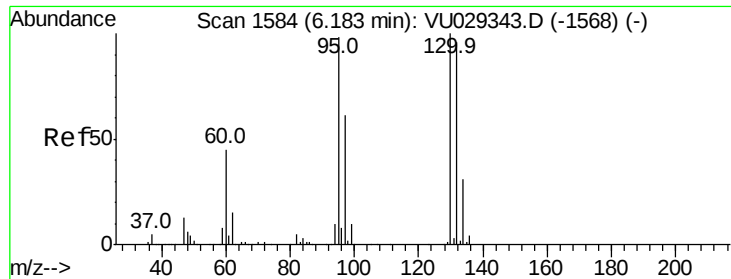
Tgt Ion: 62 Resp: 22

Ion Ratio Lower Upper

62 100

98 0.0 4.9 7.3#





#37

Trichloroethene

Concen: 0.064 ug/l

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

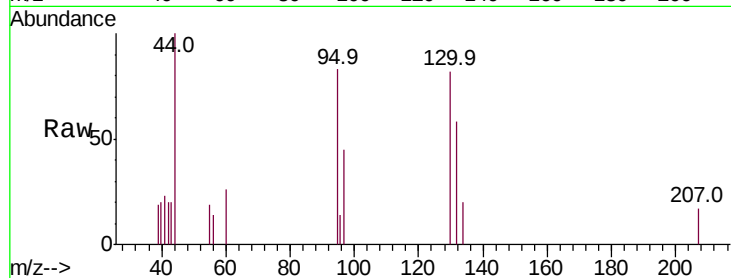
ClientSampleId :

Tot Ion:130 Resp: 1215

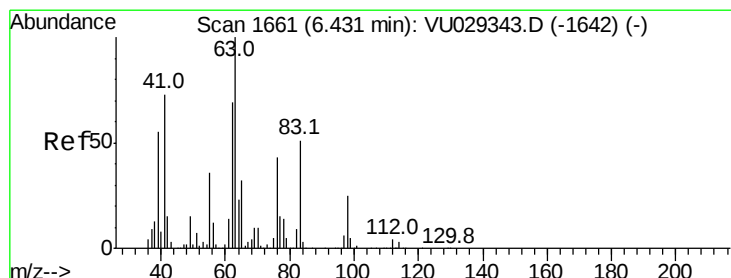
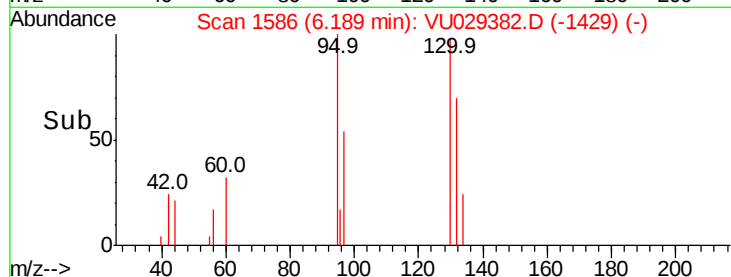
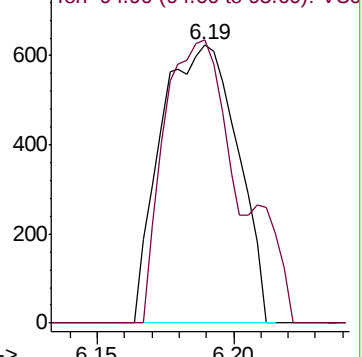
Ion Ratio Lower Upper

130 100

95 101.6 85.4 128.0



Abundance Ion 129.90 (129.60 to 130.60): VU029343.D (-1568) (-)



#38

1,2-Dichloropropane

Concen: 0.001 ug/l

RT: 6.44 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VU029382.D

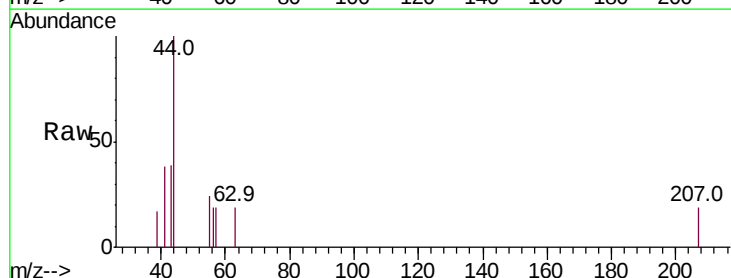
Acq: 08 Feb 2019 16:51

Tgt Ion: 63 Resp: 21

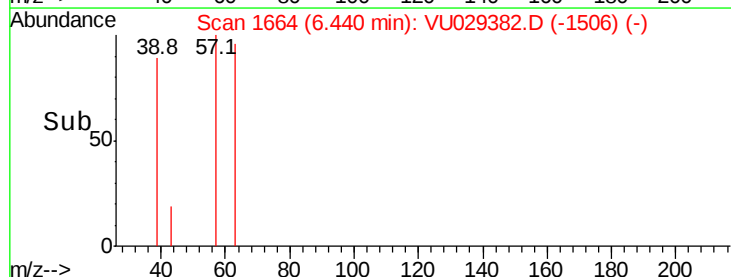
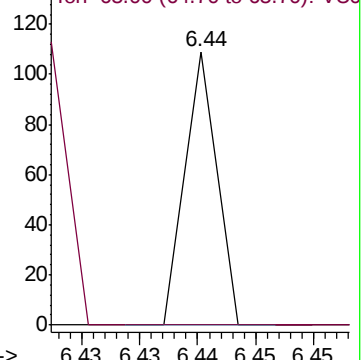
Ion Ratio Lower Upper

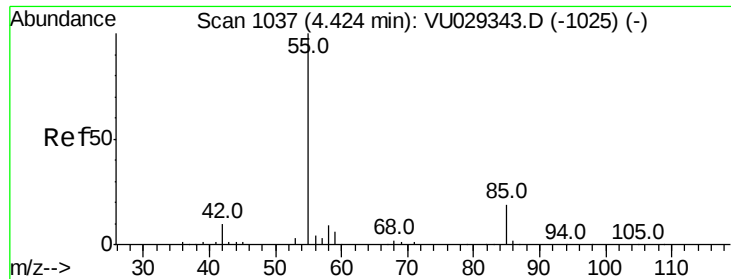
63 100

65 0.0 25.5 38.3#



Abundance Ion 63.00 (62.70 to 63.70): VU029343.D (-1642) (-)

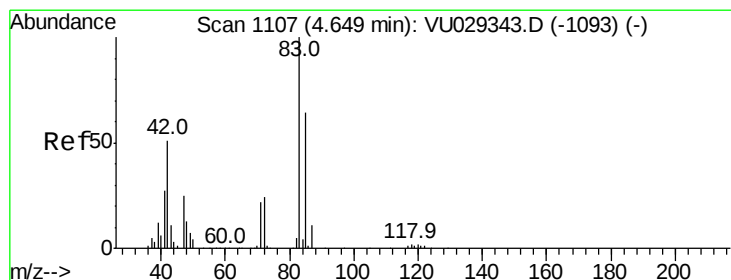
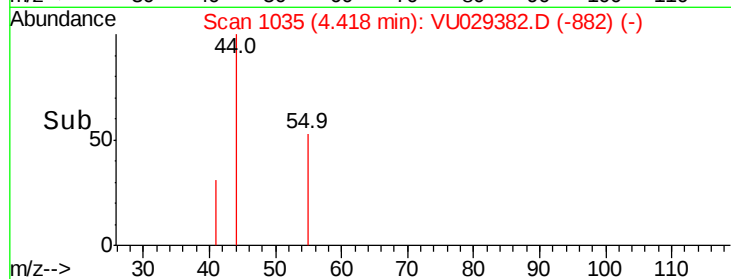
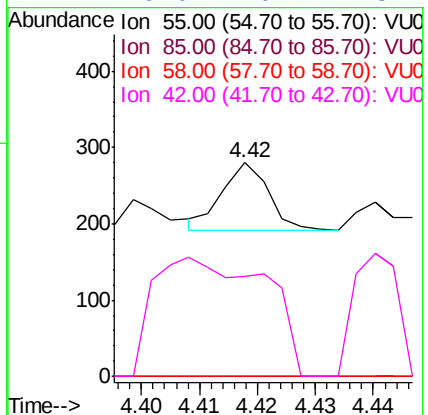
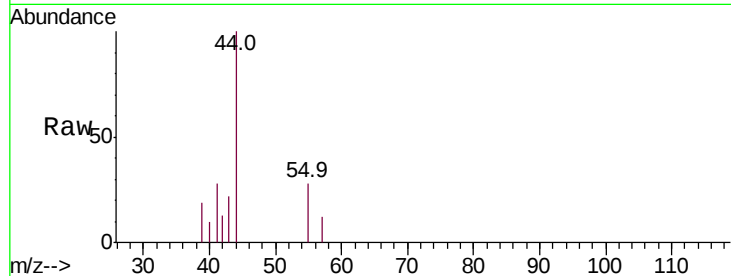




#40
Methvl acrvlate
Concen: 0.006 ug/l
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

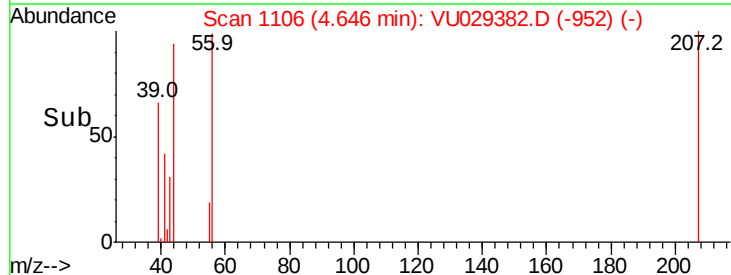
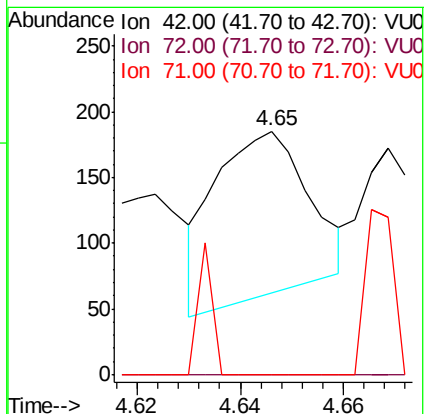
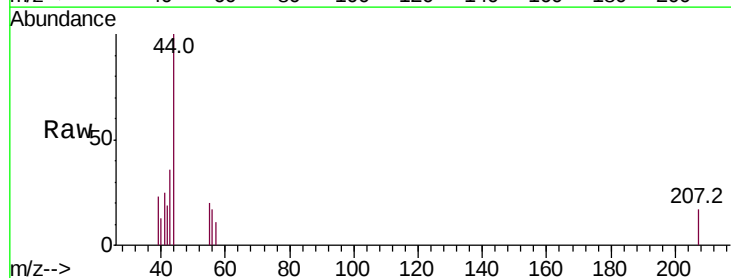
Instrument :
MSVOA_U
ClientSampleId :

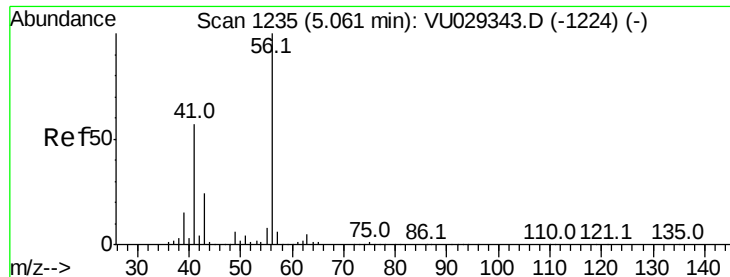
Tot Ion:	55	Resp:	48
Ion	Ratio	Lower	Upper
55	100		
85	0.0	11.3	16.9#
58	0.0	6.2	9.4#
42	0.0	10.1	15.1#



#41
Tetrahydrofuran
Concen: 0.056 ug/l
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

Tgt Ion:	42	Resp:	158
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.1	49.7#
71	12.0	30.2	45.2#

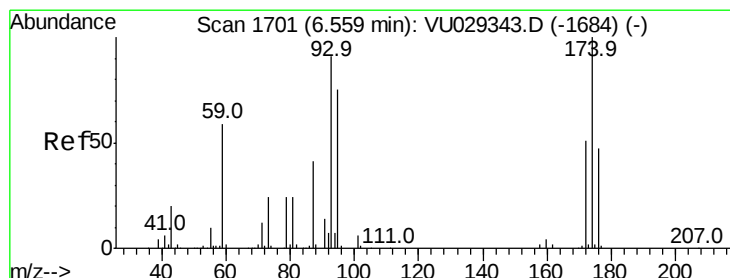
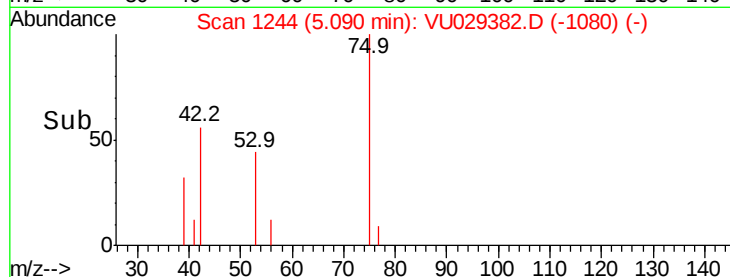
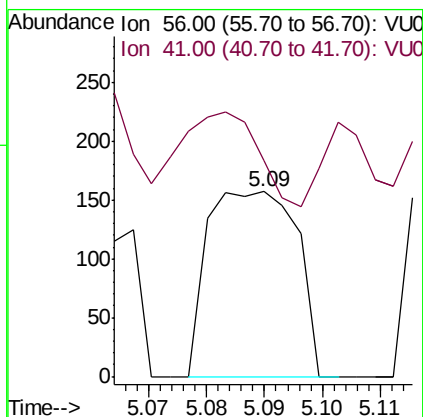
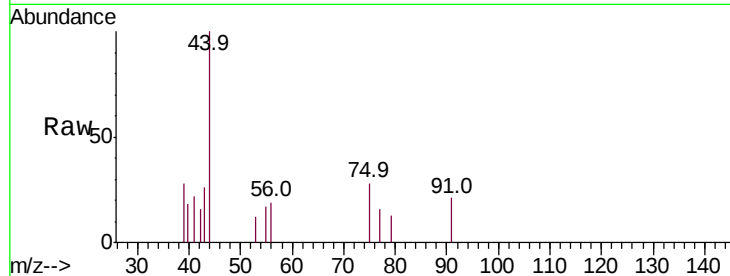




#42
1-Chlorobutane
Concen: 0.005 ug/l
RT: 5.09 min Scan# 1244
Delta R.T. 0.03 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

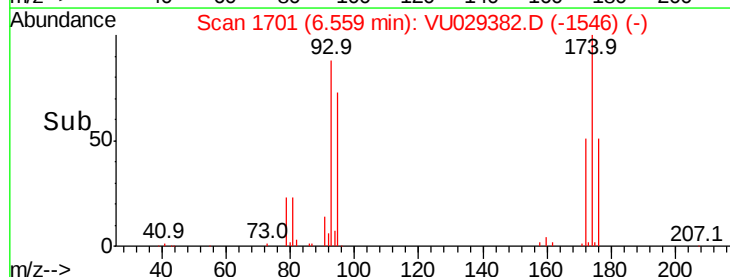
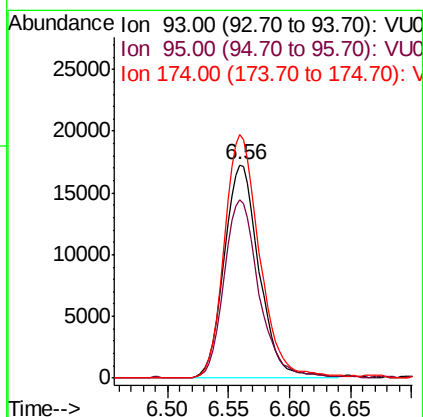
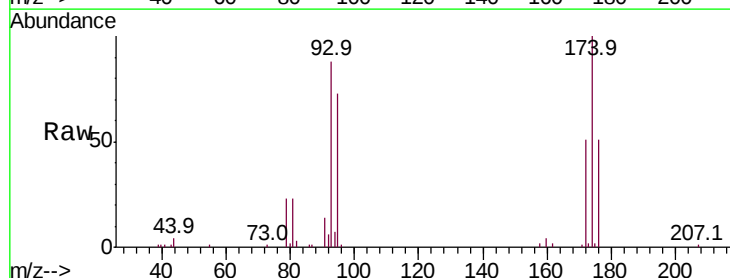
Instrument :
MSVOA_U
ClientSampled :

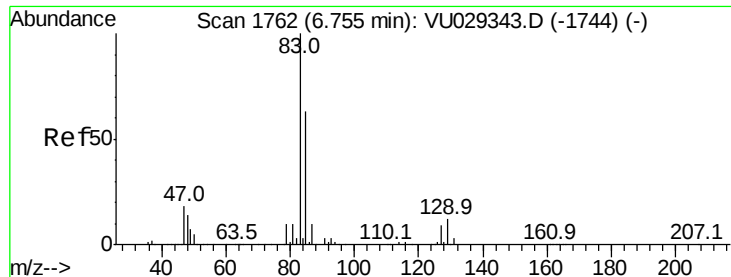
Tot Ion: 56 Resp: 167
Ion Ratio Lower Upper
56 100
41 44.3 31.3 93.8



#43
Dibromomethane
Concen: 3.790 ug/l
RT: 6.56 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

Tgt Ion: 93 Resp: 34654
Ion Ratio Lower Upper
93 100
95 83.6 68.2 102.2
174 115.1 77.6 116.4





#44

Bromodichloromethane

Concen: 0.003 ug/l

RT: 6.75 min Scan# 1760

Delta R.T. -0.01 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

ClientSampleId :

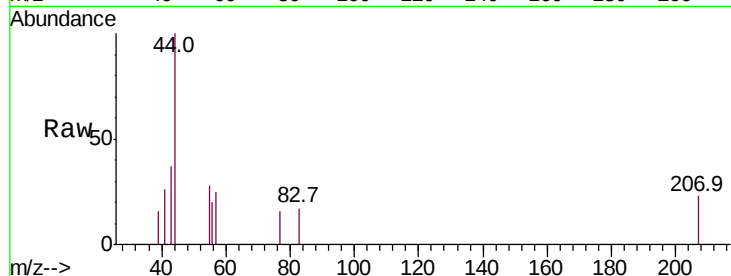
Tot Ion: 83 Resp: 61

Ion Ratio Lower Upper

83 100

85 0.0 49.2 73.8#

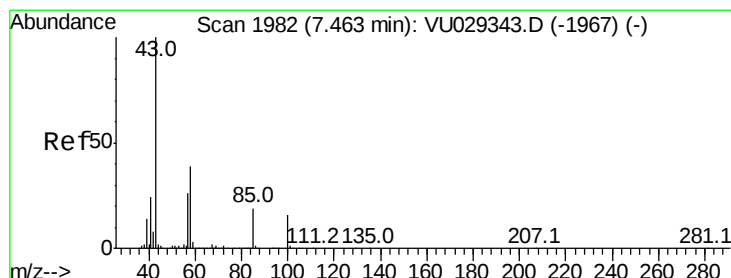
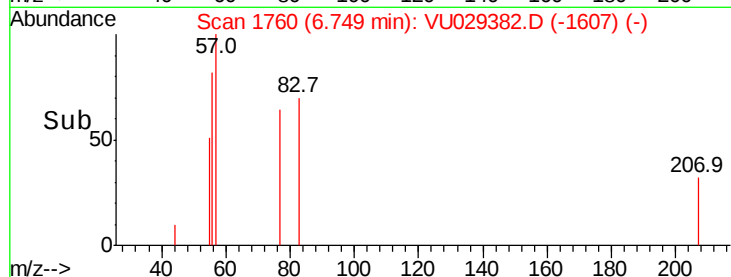
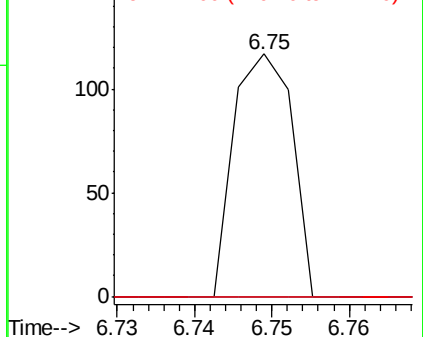
127 0.0 7.0 10.6#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): VU0



#45

4-Methyl-2-Pentanone

Concen: 0.007 ug/l

RT: 7.47 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

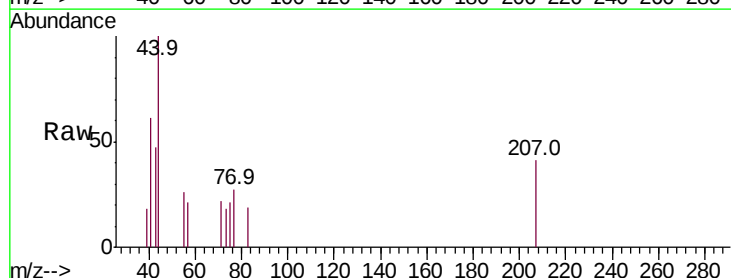
Tgt Ion: 43 Resp: 77

Ion Ratio Lower Upper

43 100

58 0.0 17.6 52.8#

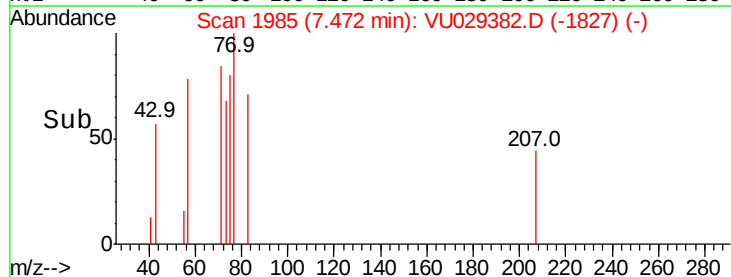
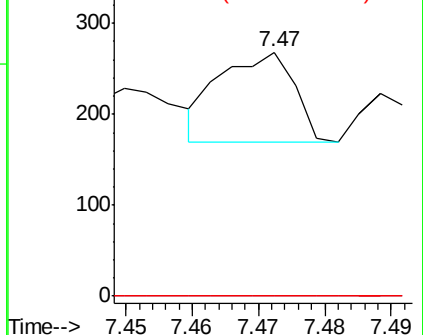
85 0.0 12.3 18.5#

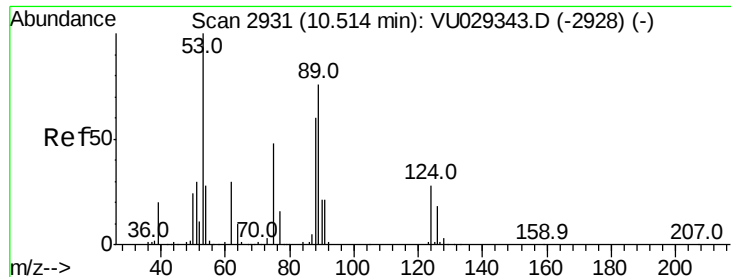


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

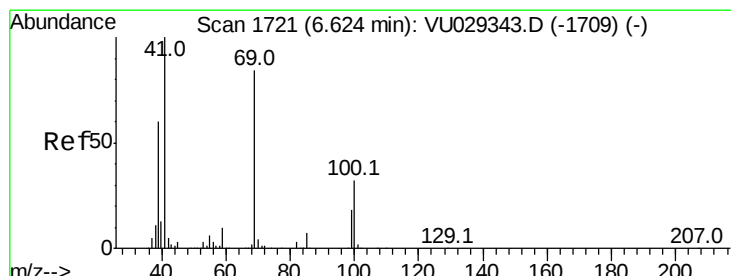
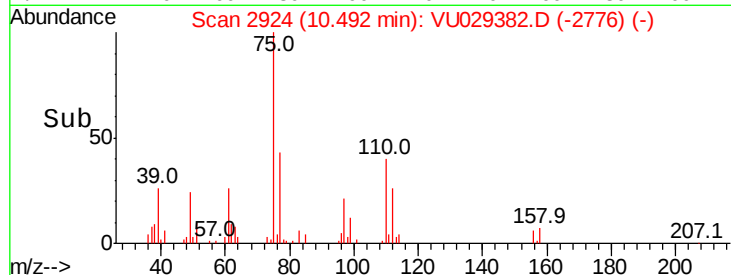
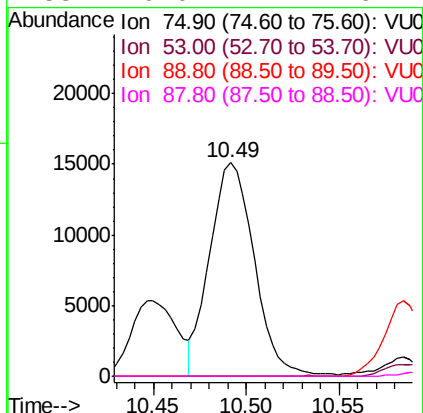
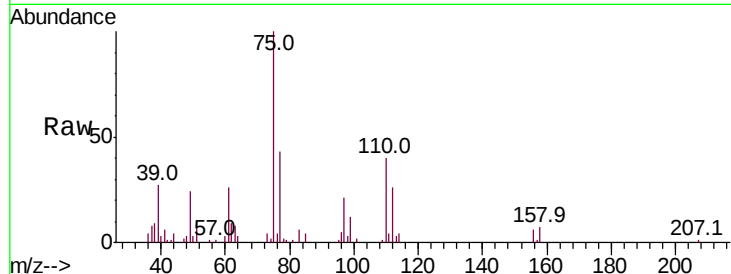




#46
t-1,4-Dichloro-2-butene
Concen: 4.829 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

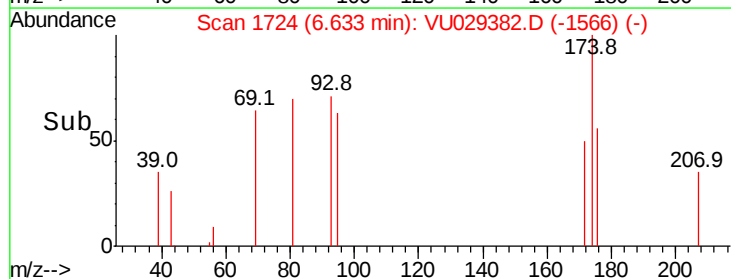
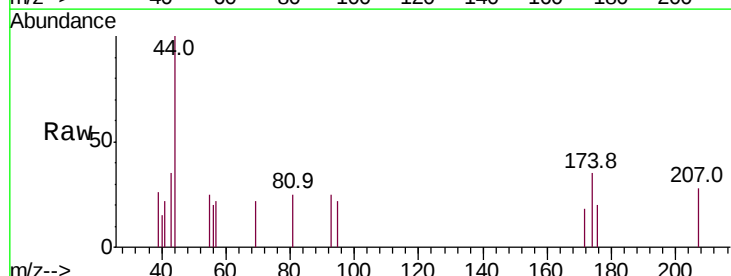
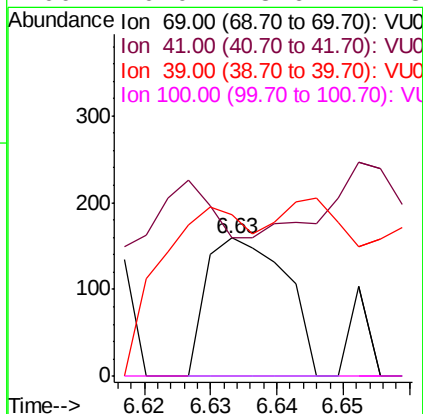
Instrument :
MSVOA_U
ClientSampleId :

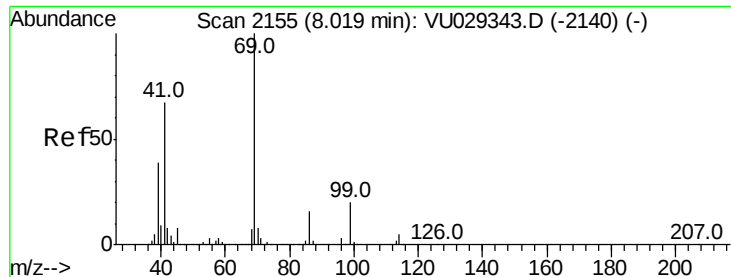
Tot Ion: 75 Resp: 25216
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 44.2 66.4#
88 0.0 41.4 62.2#



#47
Methyl methacrylate
Concen: 0.016 ug/l
RT: 6.63 min Scan# 1724
Delta R.T. 0.01 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

Tgt Ion: 69 Resp: 132
Ion Ratio Lower Upper
69 100
41 22.0 0.0 296.2
39 142.4 71.2 106.8#
100 0.0 28.6 42.8#





#48

Ethyl methacrylate

Concen: 0.003 ug/l

RT: 8.03 min Scan# 2159

Delta R.T. 0.01 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

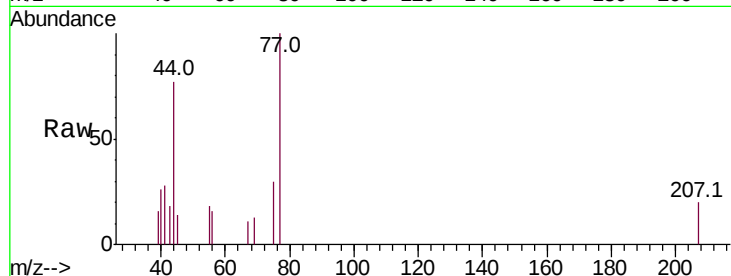
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 69 Resp: 48

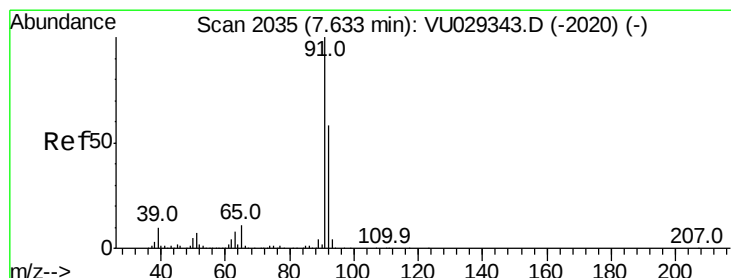
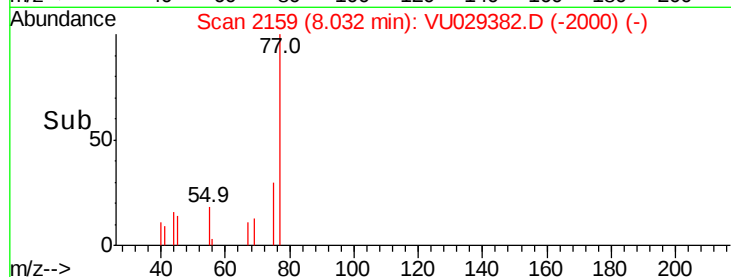
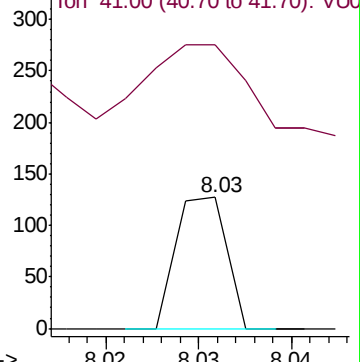
Ion Ratio Lower Upper

69 100

41 0.0 39.9 119.7#



Abundance Ion 69.00 (68.70 to 69.70): VU029343.D (-2140) (-)



#49

Toluene

Concen: 0.004 ug/l

RT: 7.65 min Scan# 2039

Delta R.T. 0.01 min

Lab File: VU029382.D

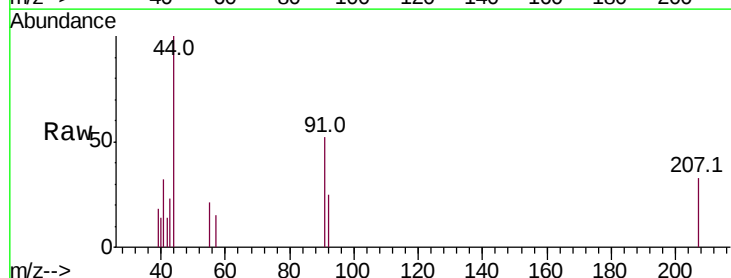
Acq: 08 Feb 2019 16:51

Tgt Ion: 92 Resp: 175

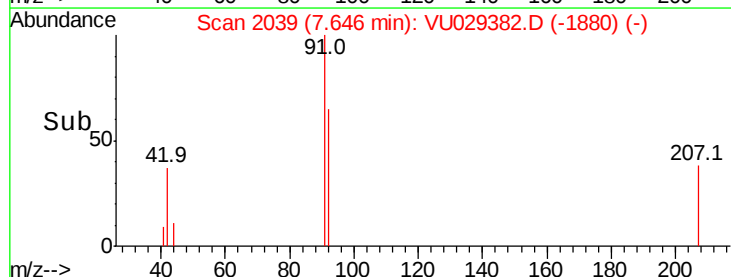
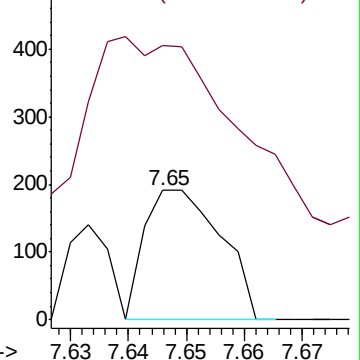
Ion Ratio Lower Upper

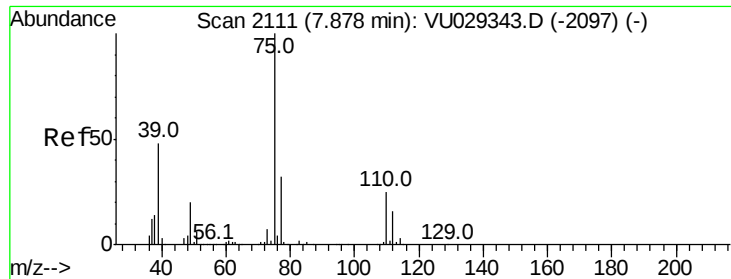
92 100

91 582.3 140.7 211.1#



Abundance Ion 92.00 (91.70 to 92.70): VU029343.D (-2020) (-)





#50

t-1,3-Dichloropropene

Concen: 3.561 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

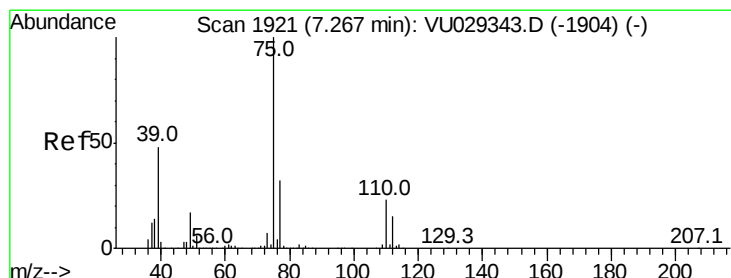
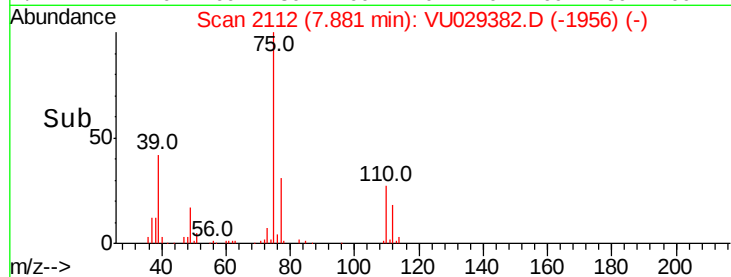
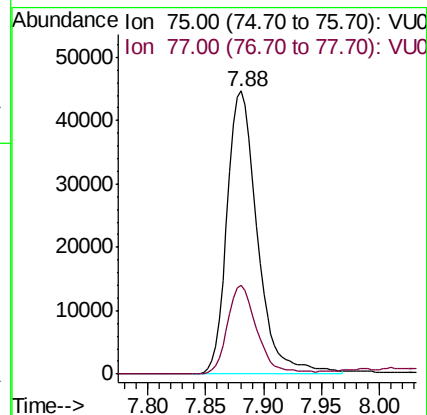
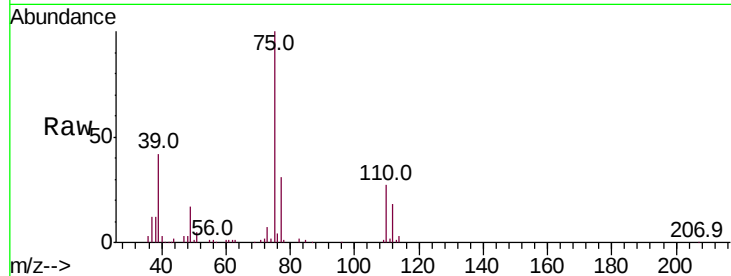
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 81323

Ion Ratio Lower Upper

75 100

77 31.3 23.6 35.4



#51

cis-1,3-Dichloropropene

Concen: 0.841 ug/l

RT: 7.27 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

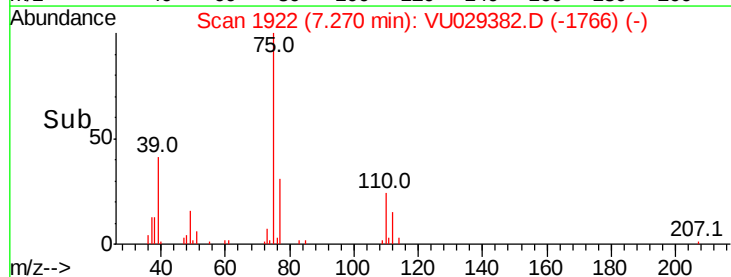
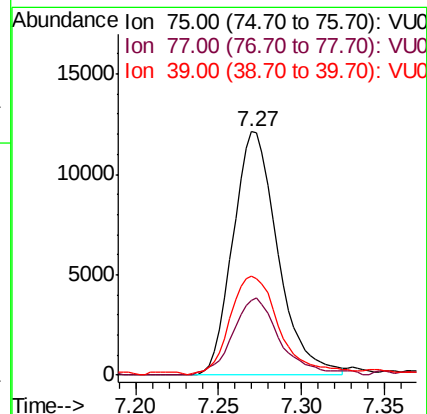
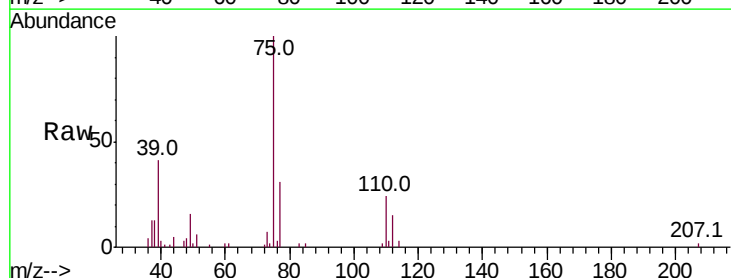
Tgt Ion: 75 Resp: 22817

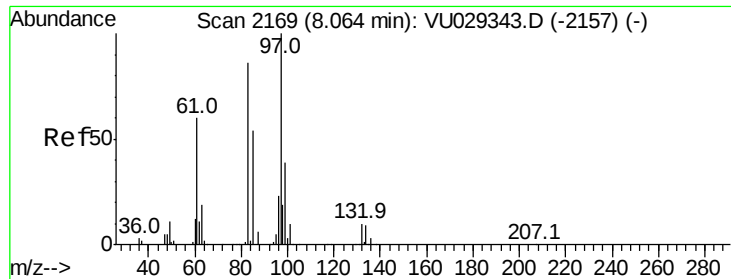
Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3

39 40.0 47.2 70.8#





#52

1,1,2-Trichloroethane

Concen: 0.011 ug/l

RT: 8.08 min Scan# 2173

Delta R.T. 0.01 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 97 Resp: 132

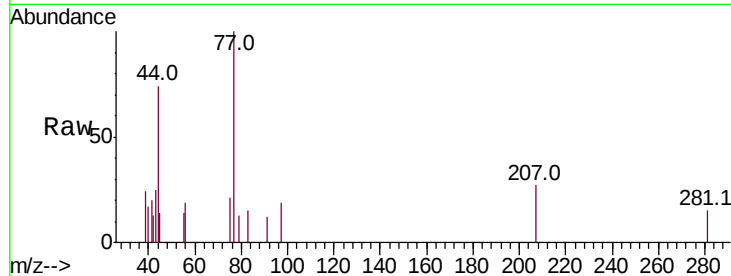
Ion Ratio Lower Upper

97 100

83 78.2 69.9 104.9

85 0.0 45.8 68.6#

99 0.0 50.2 75.2#

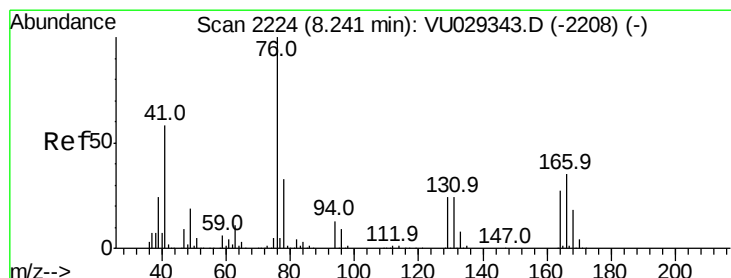
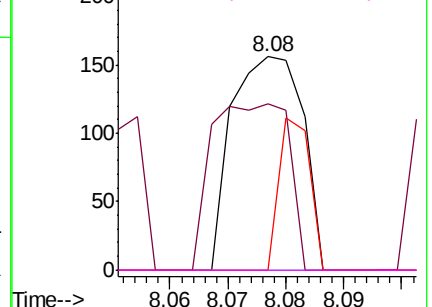
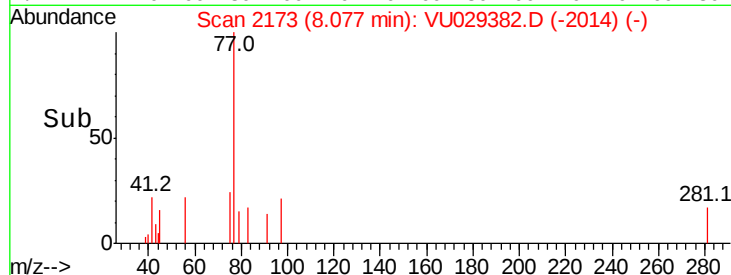


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 84.95 (84.65 to 85.65): VU0

Ion 98.95 (98.65 to 99.65): VU0



#53

1,3-Dichloropropane

Concen: 0.631 ug/l

RT: 8.24 min Scan# 2225

Delta R.T. 0.00 min

Lab File: VU029382.D

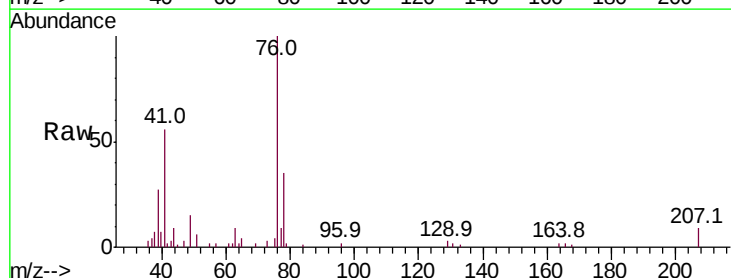
Acq: 08 Feb 2019 16:51

Tgt Ion: 76 Resp: 13420

Ion Ratio Lower Upper

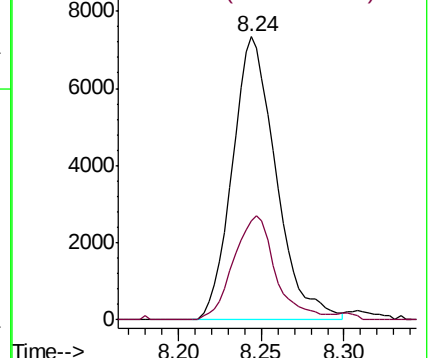
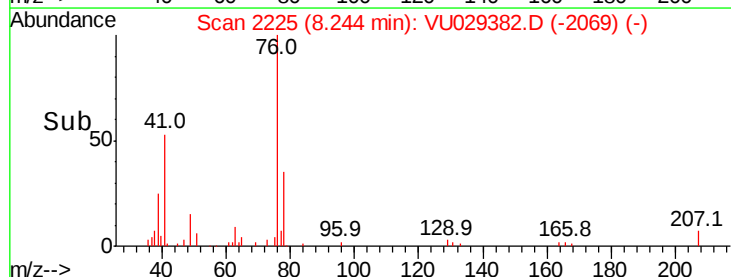
76 100

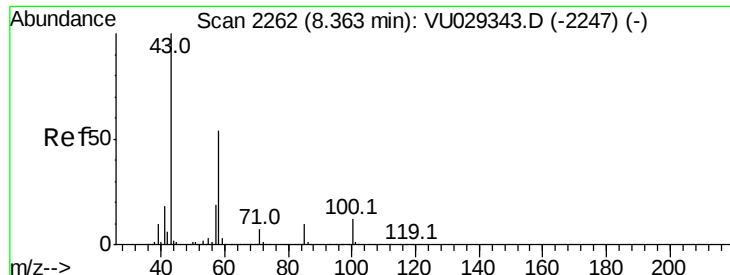
78 35.3 26.3 39.5



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

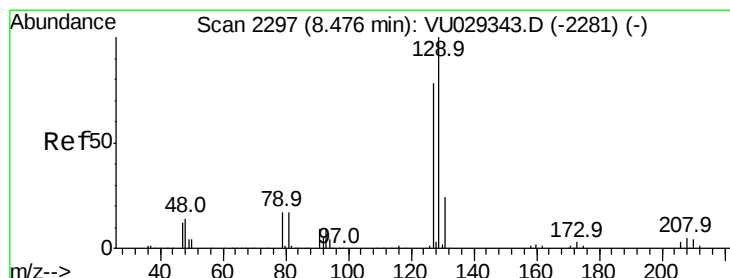
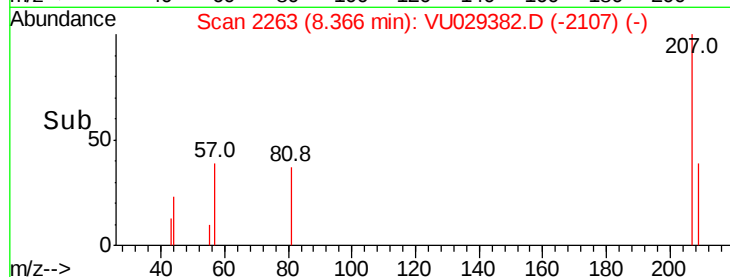
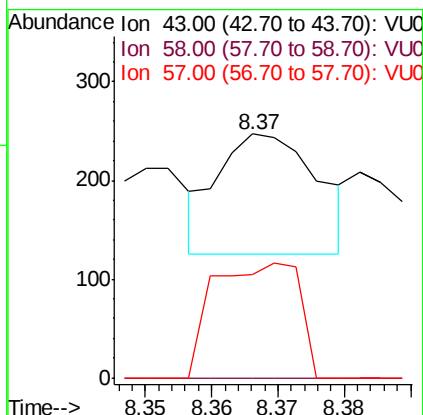
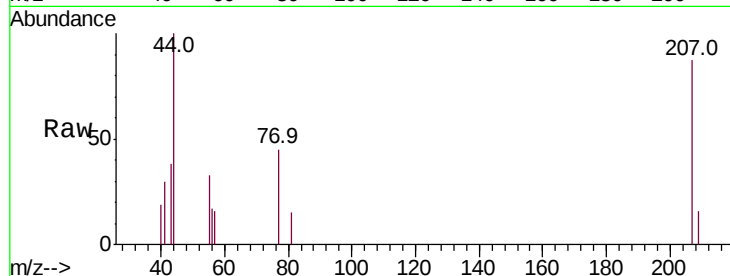




#54
2-Hexanone
Concen: 0.017 ug/l
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

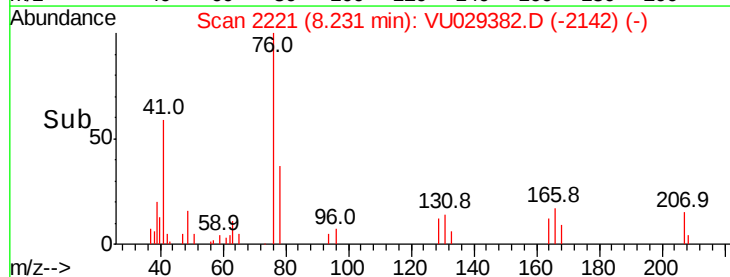
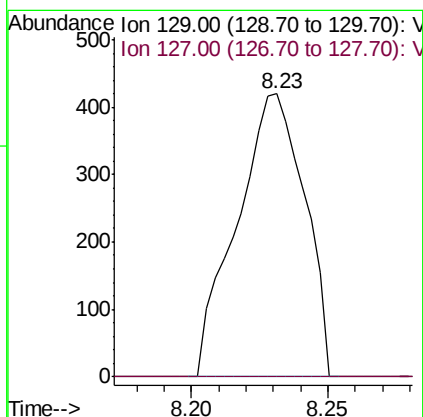
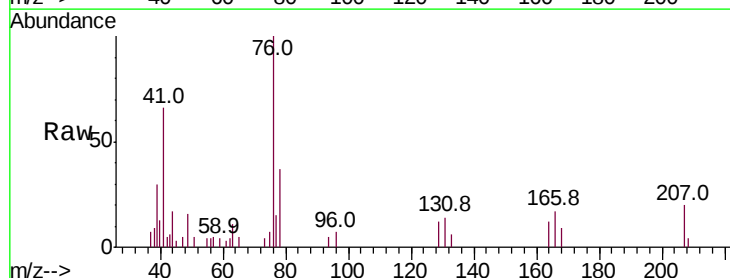
Instrument :
MSVOA_U
ClientSampleId :

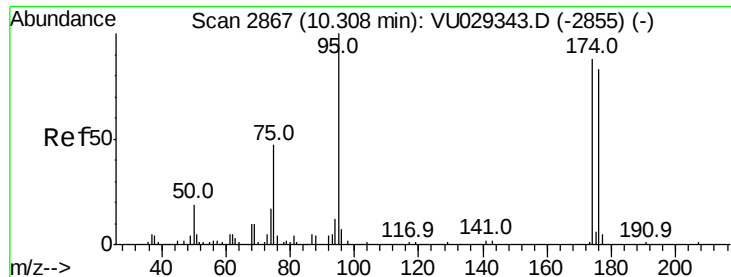
Tot Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
58 0.0 26.0 66.0#
57 82.5 0.0 37.7#



#55
Dibromochloromethane
Concen: 0.042 ug/l
RT: 8.23 min Scan# 2221
Delta R.T. -0.24 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

Tgt Ion: 129 Resp: 722
Ion Ratio Lower Upper
129 100
127 0.0 60.5 90.7#

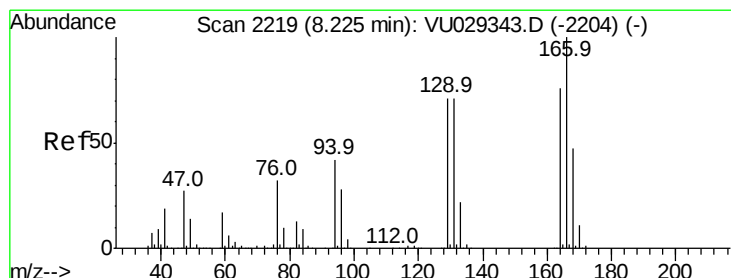
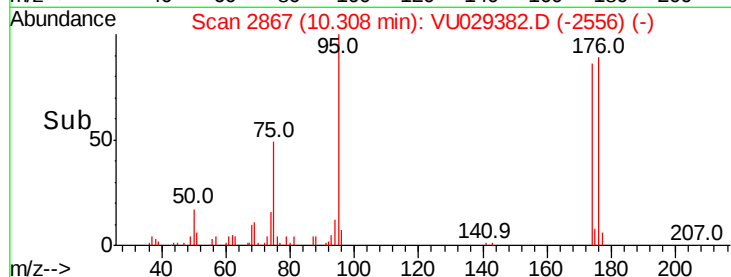
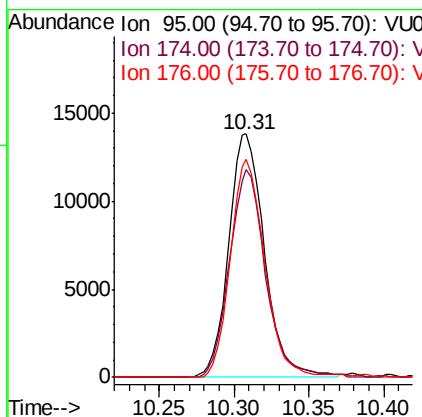
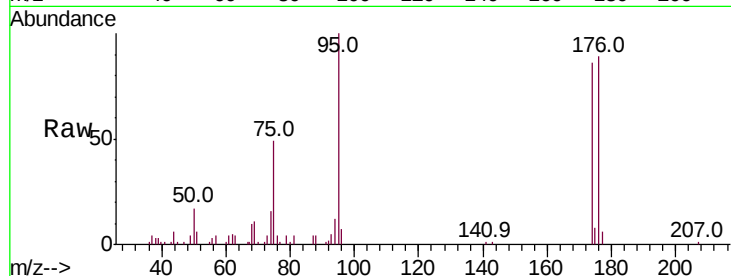




#57
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 10.31 min Scan# 2867
Delta R.T. -0.00 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

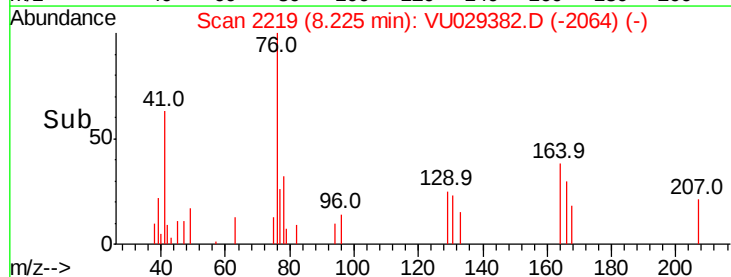
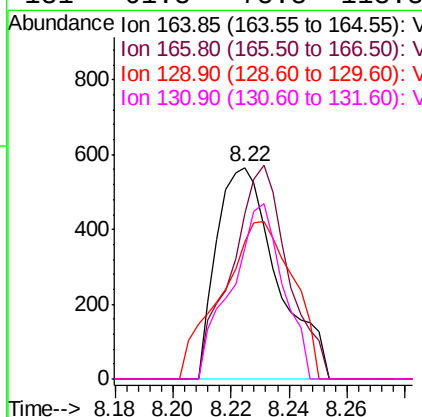
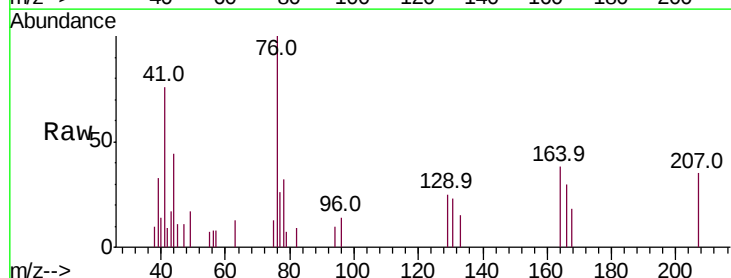
Instrument :
MSVOA_U
ClientSampleId :

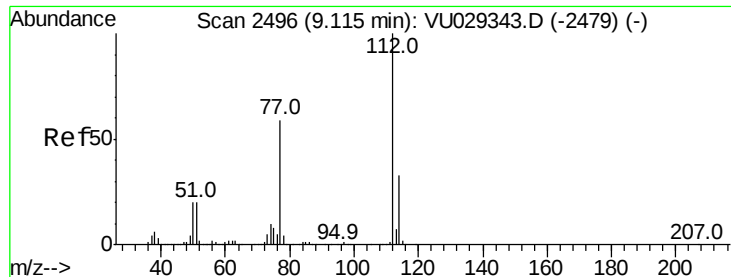
Tot Ion: 95 Resp: 23001
Ion Ratio Lower Upper
95 100
174 86.2 64.2 96.2
176 86.0 62.3 93.5



#58
Tetrachloroethene
Concen: 0.047 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

Tgt Ion:164 Resp: 823
Ion Ratio Lower Upper
164 100
166 78.1 106.6 159.8#
129 64.8 79.9 119.9#
131 61.8 75.8 113.8#





#59

Chlorobenzene

Concen: 0.015 ug/l

RT: 9.13 min Scan# 2499

Delta R.T. 0.01 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

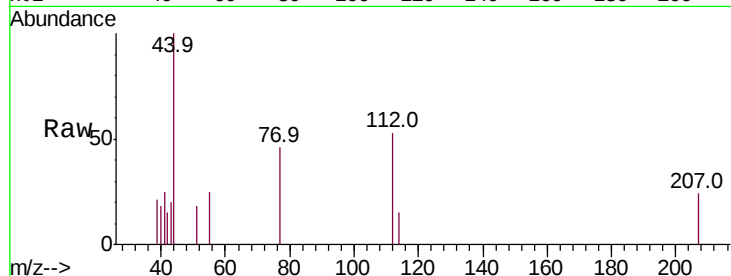
ClientSampled :

Tot Ion:112 Resp: 698

Ion Ratio Lower Upper

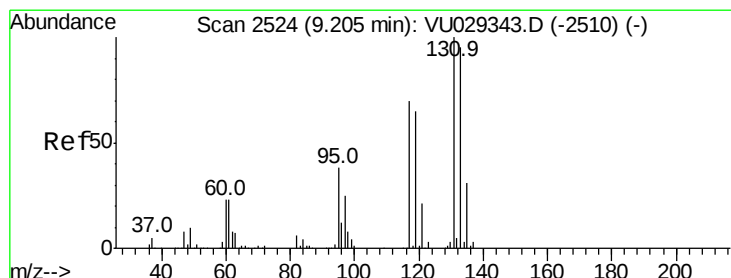
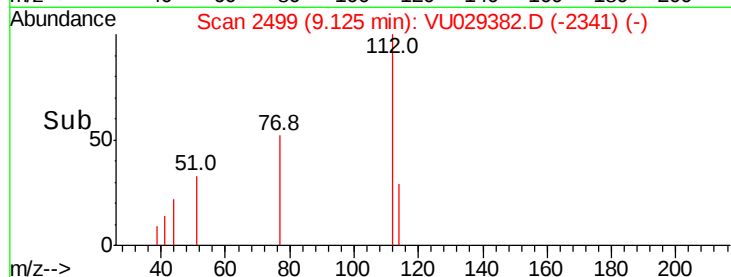
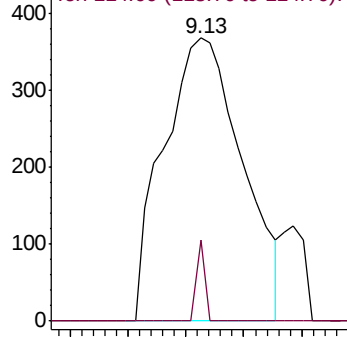
112 100

114 28.8 26.2 39.4



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: 2.868 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

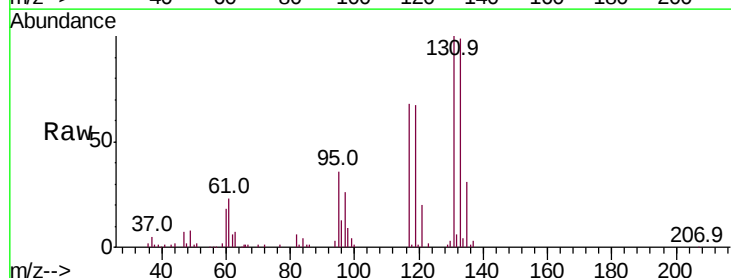
Tgt Ion:131 Resp: 50383

Ion Ratio Lower Upper

131 100

133 97.9 77.3 115.9

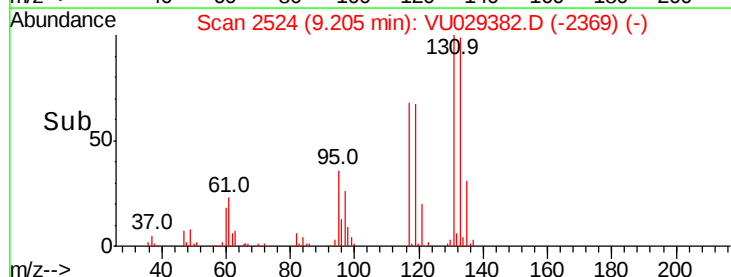
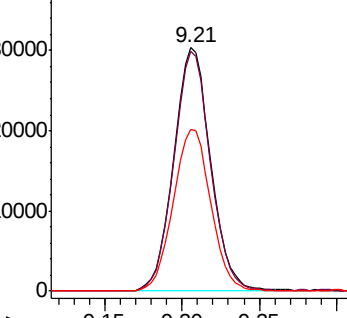
119 67.4 48.9 73.3

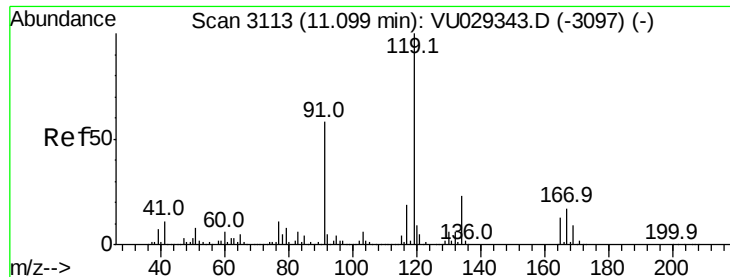


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 0.706 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

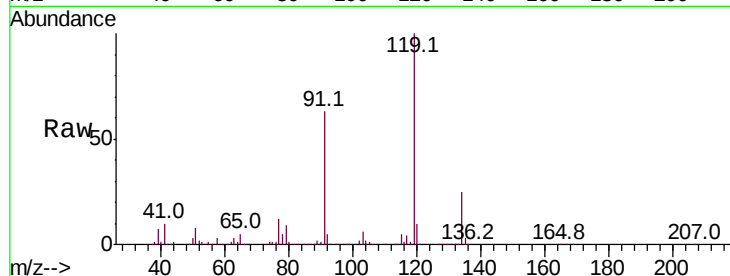
ClientSampleId :

Tot Ion:117 Resp: 9616

Ion Ratio Lower Upper

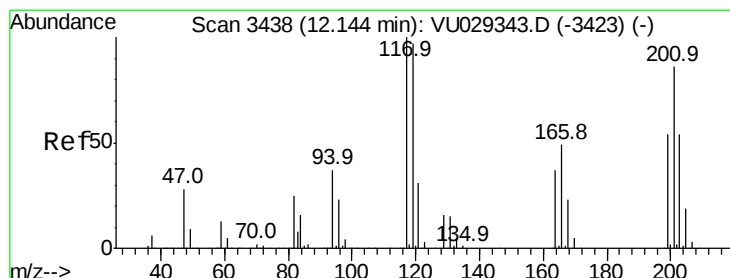
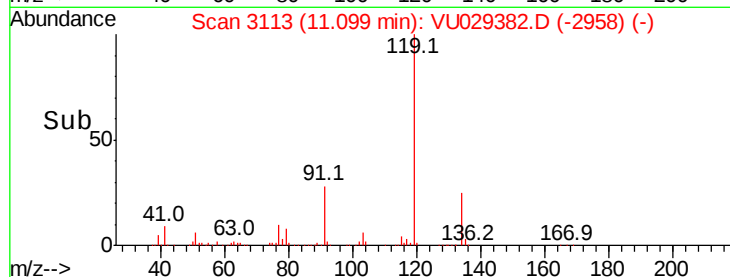
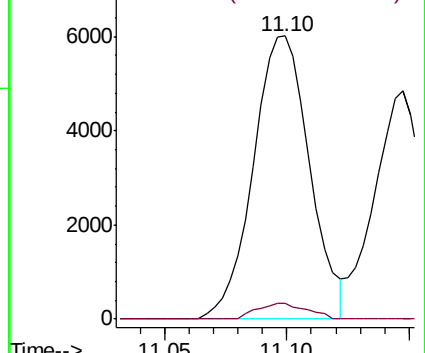
117 100

167 5.0 65.9 98.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 0.041 ug/l

RT: 12.15 min Scan# 3440

Delta R.T. 0.01 min

Lab File: VU029382.D

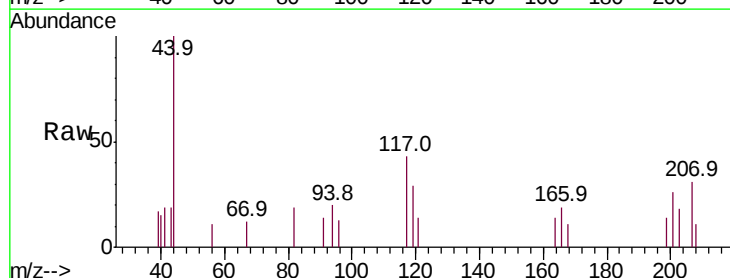
Acq: 08 Feb 2019 16:51

Tgt Ion:117 Resp: 605

Ion Ratio Lower Upper

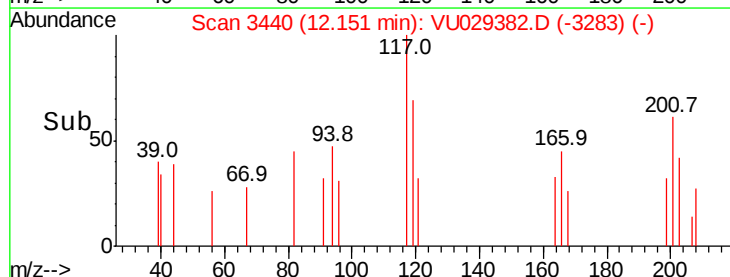
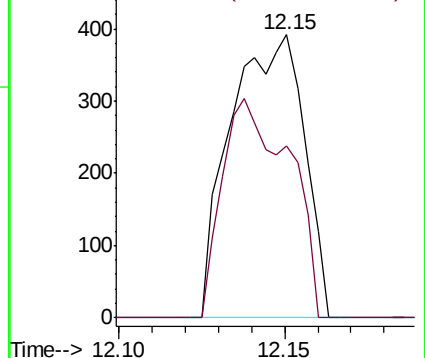
117 100

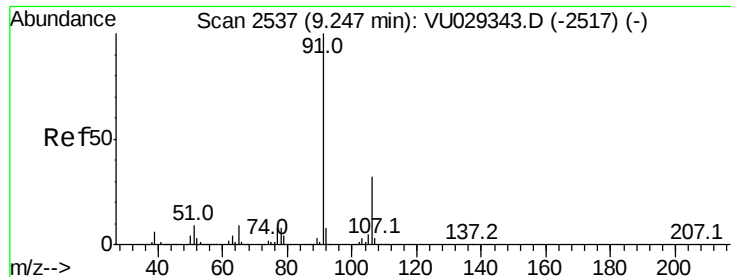
201 70.6 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 0.011 ug/l

RT: 9.38 min Scan# 2579

Delta R.T. 0.13 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

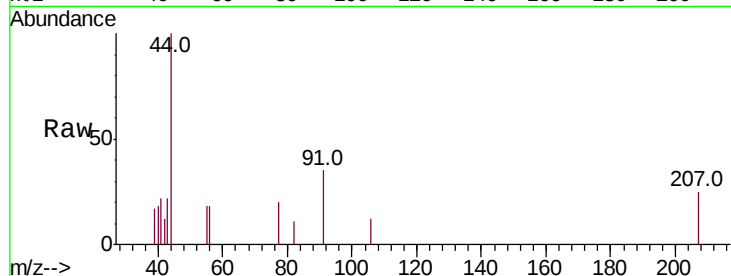
ClientSampleId :

Tot Ion: 91 Resp: 886

Ion Ratio Lower Upper

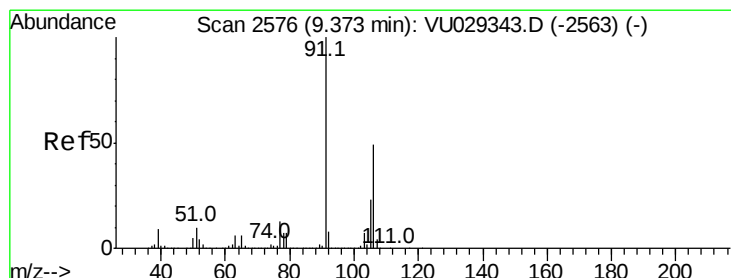
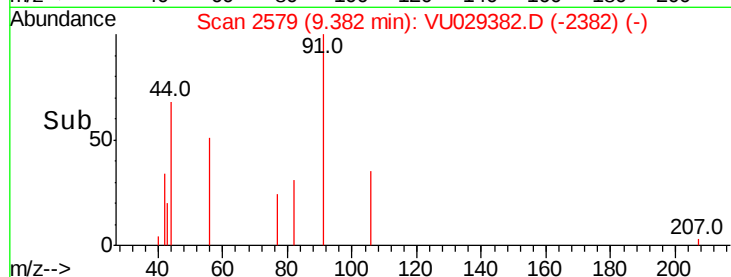
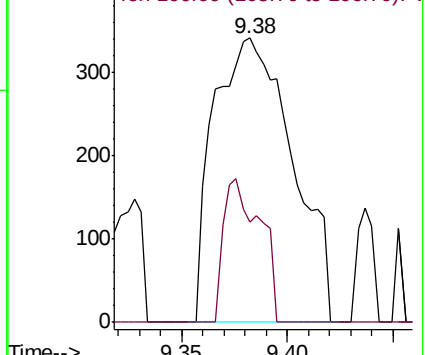
91 100

106 35.2 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#64

m/p-Xylenes

Concen: 0.006 ug/l

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU029382.D

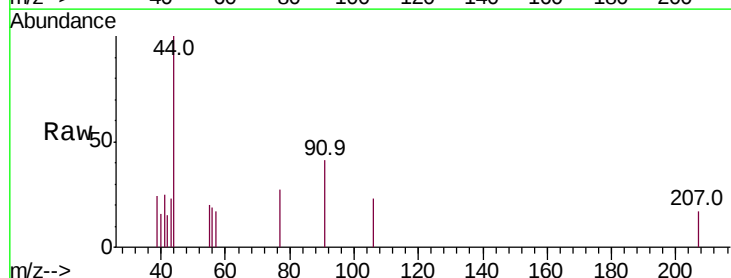
Acq: 08 Feb 2019 16:51

Tgt Ion: 106 Resp: 206

Ion Ratio Lower Upper

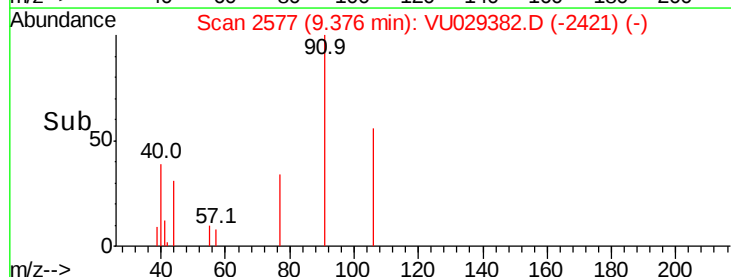
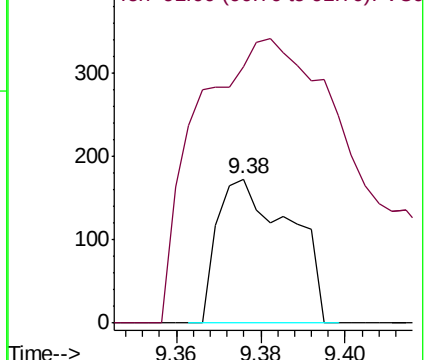
106 100

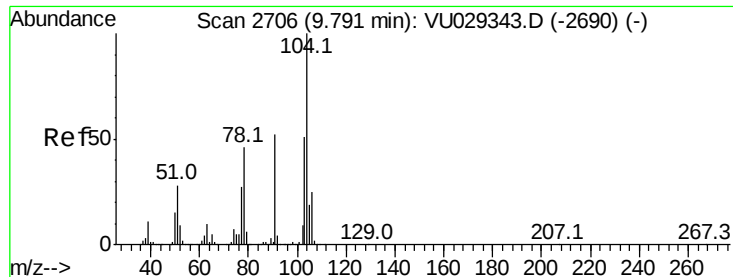
91 430.1 174.6 261.8#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

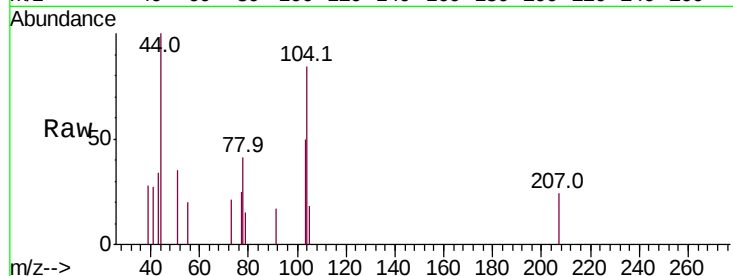




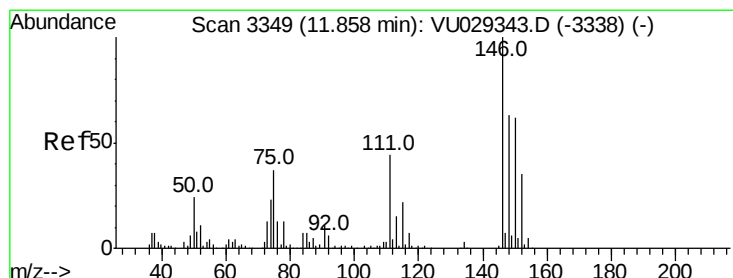
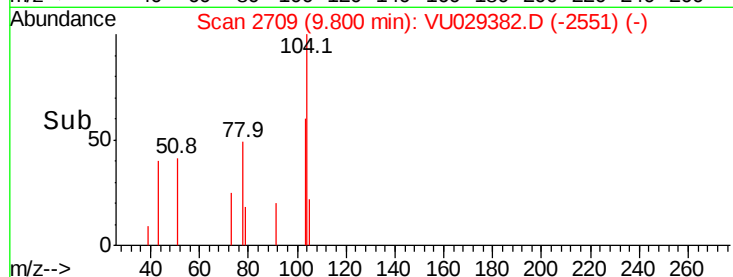
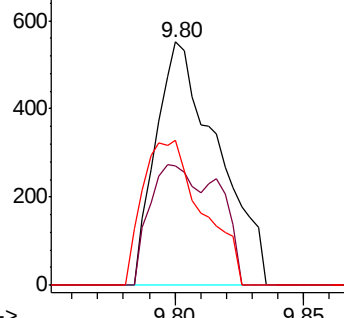
#66
Stvrene
Concen: 0.018 ug/l
RT: 9.80 min Scan# 2709
Delta R.T. 0.01 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:104 Resp: 924
Ion Ratio Lower Upper
104 100
78 37.6 46.5 69.7#
103 57.1 44.7 67.1

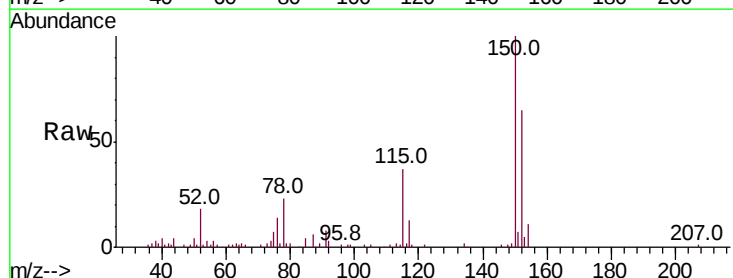


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

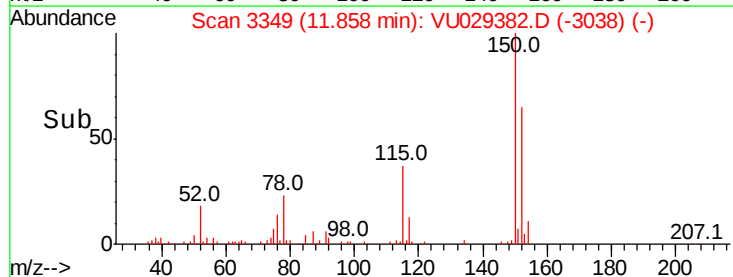
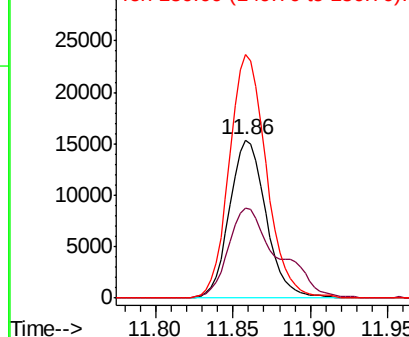


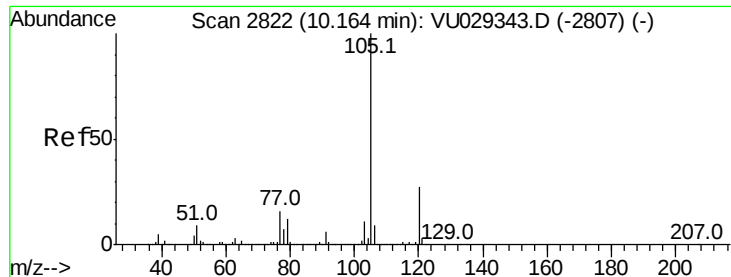
#68
1,2-Dichlorobenzene-d4
Concen: N.D. ug/l
RT: 11.86 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VU029382.D
Acq: 08 Feb 2019 16:51

Tgt Ion:152 Resp: 25062
Ion Ratio Lower Upper
152 100
115 78.2 0.0 133.4
150 157.1 0.0 670.8



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: 1.213 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

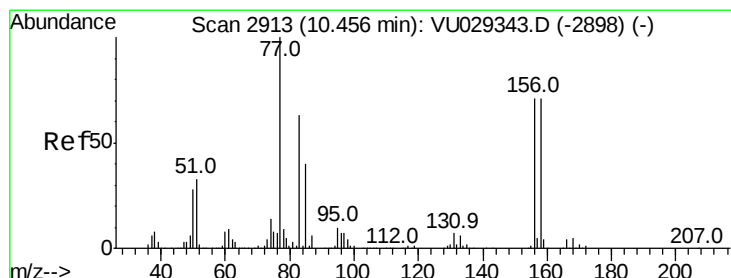
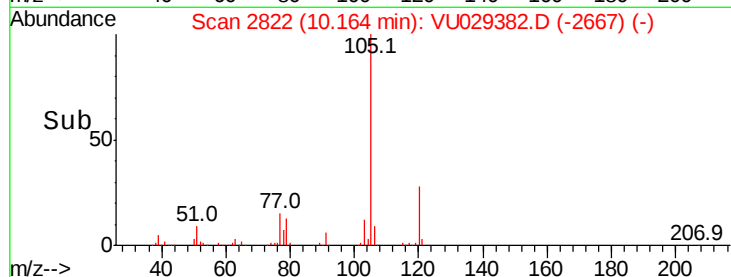
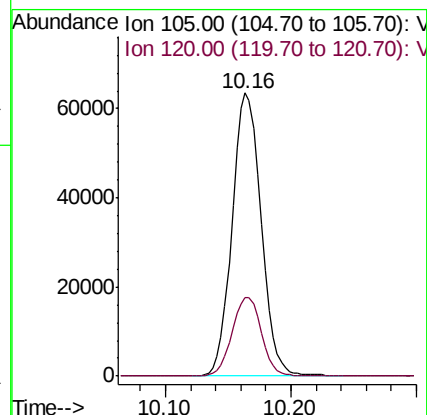
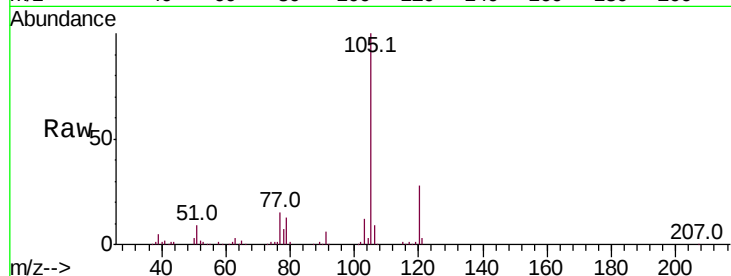
ClientSampleId :

Tot Ion:105 Resp: 102067

Ion Ratio Lower Upper

105 100

120 28.1 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 3.222 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

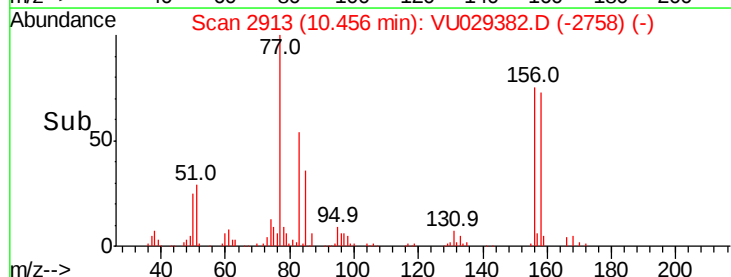
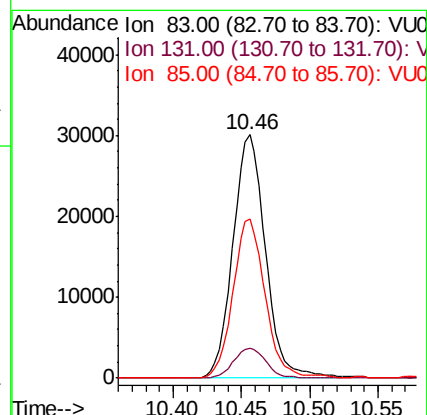
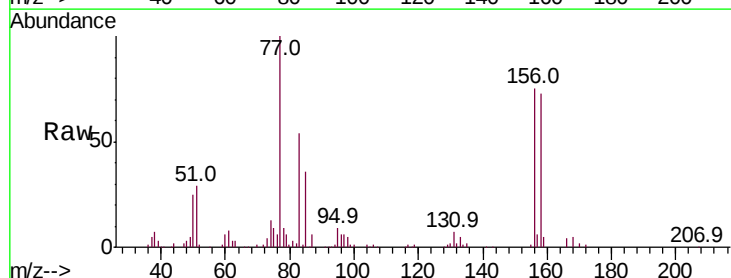
Tgt Ion: 83 Resp: 49989

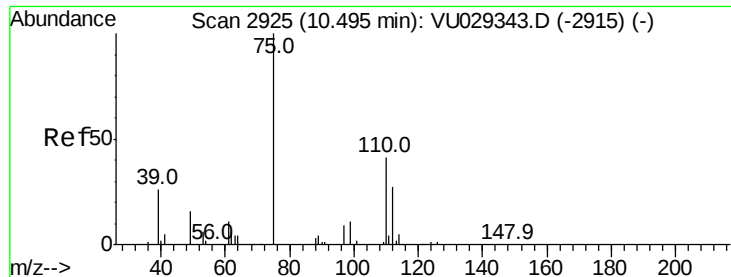
Ion Ratio Lower Upper

83 100

131 12.0 8.1 12.1

85 64.4 50.3 75.5





#71

1,2,3-Trichloropropane

Concen: 2.367 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 75 Resp: 25216

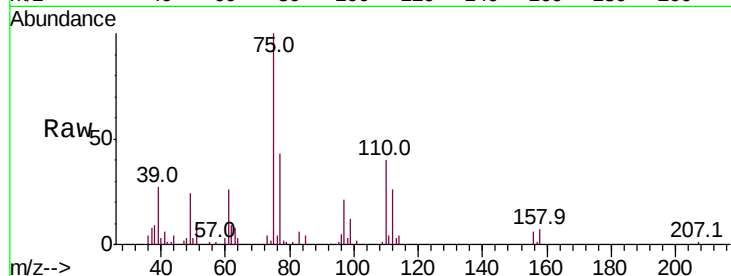
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 39.3 0.0 63.6

97 20.7 0.0 31.4

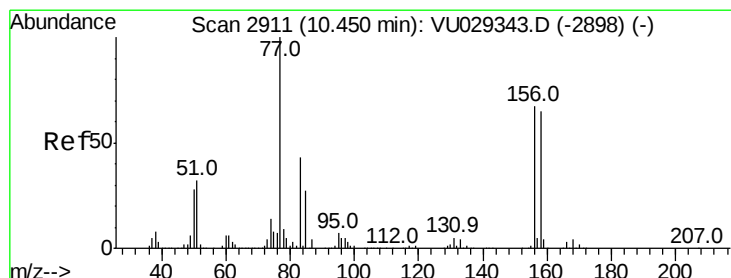
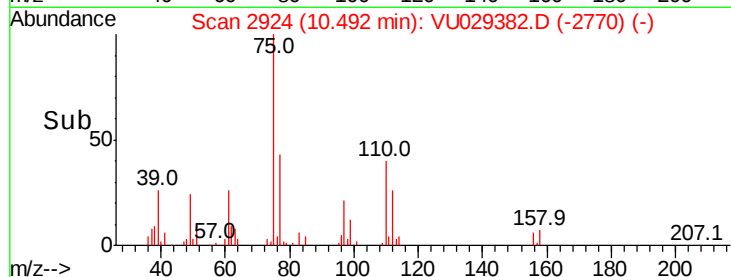
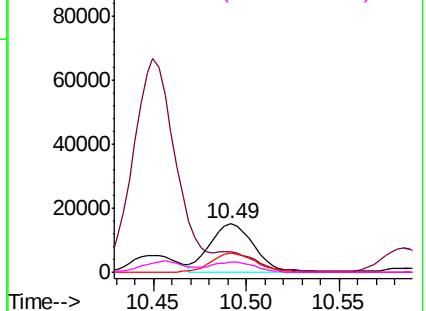


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 3.837 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

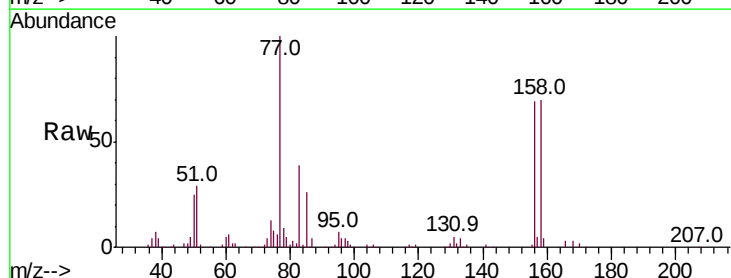
Tgt Ion: 156 Resp: 78267

Ion Ratio Lower Upper

156 100

77 137.4 0.0 343.8

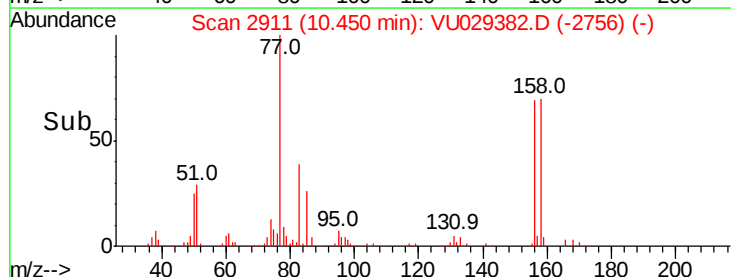
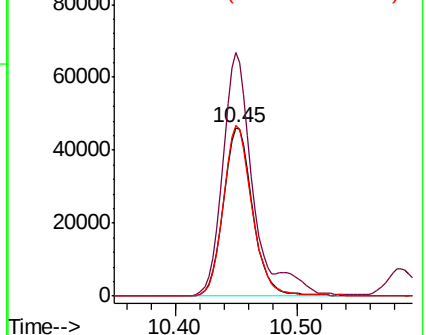
158 99.2 0.0 195.0

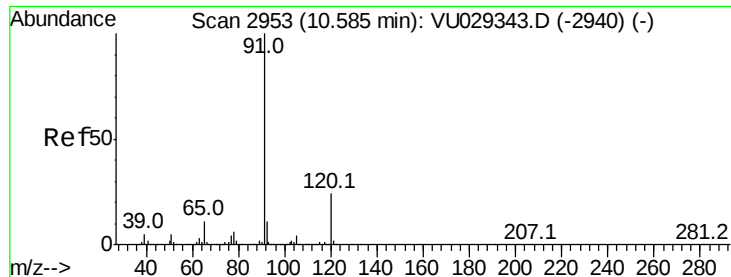


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 3.132 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

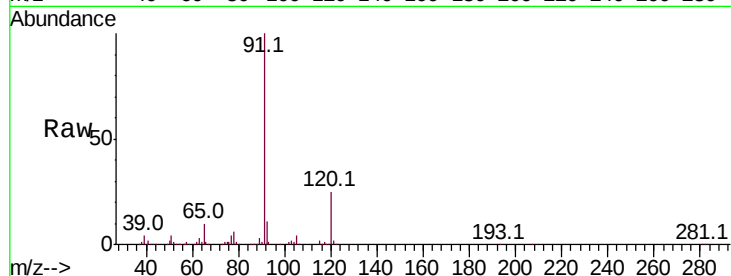
ClientSampleId :

Tot Ion:120 Resp: 73406

Ion Ratio Lower Upper

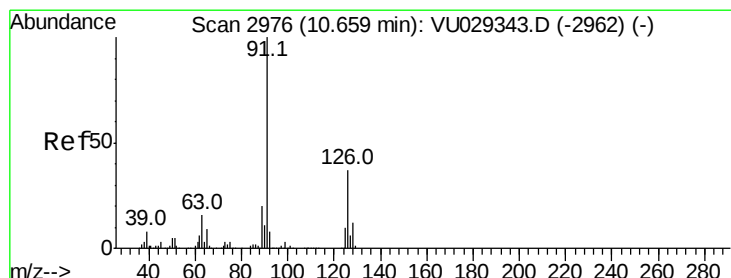
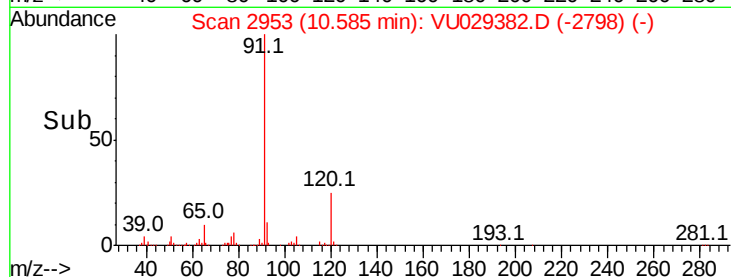
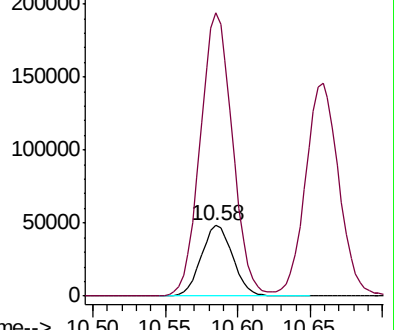
120 100

91 407.3 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 4.344 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. -0.00 min

Lab File: VU029382.D

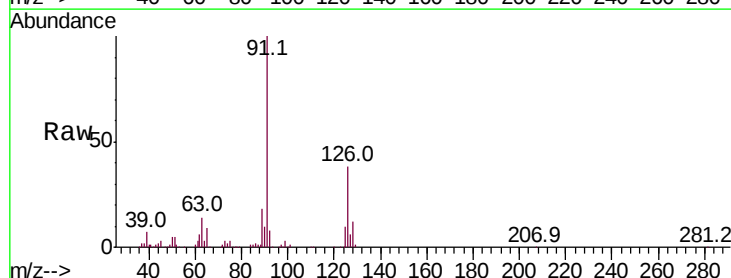
Acq: 08 Feb 2019 16:51

Tgt Ion:126 Resp: 86695

Ion Ratio Lower Upper

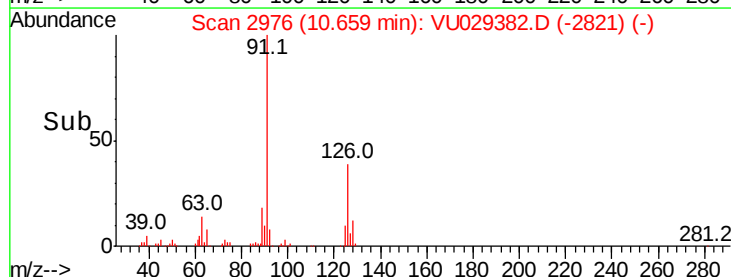
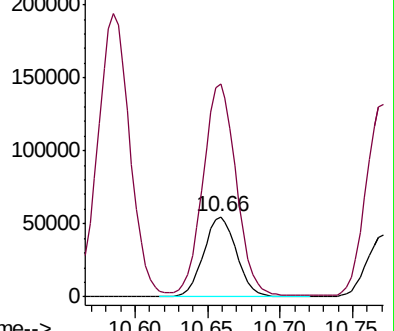
126 100

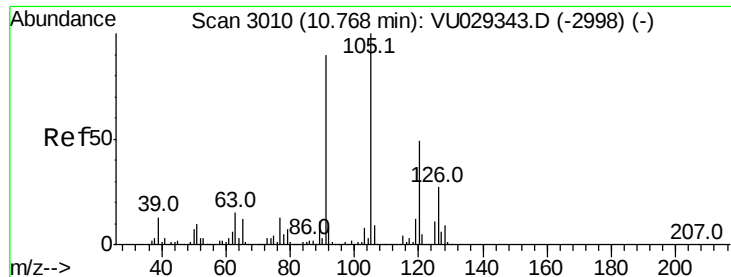
91 265.8 0.0 643.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 3.546 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

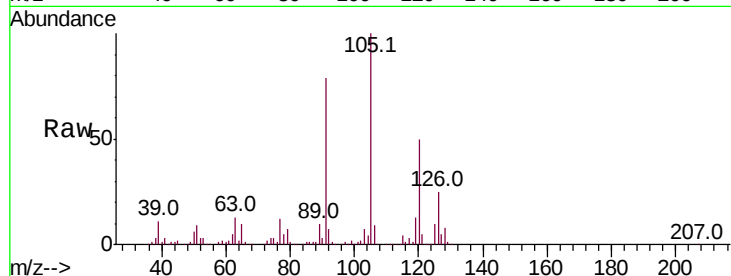
ClientSampleId :

Tot Ion:105 Resp: 257216

Ion Ratio Lower Upper

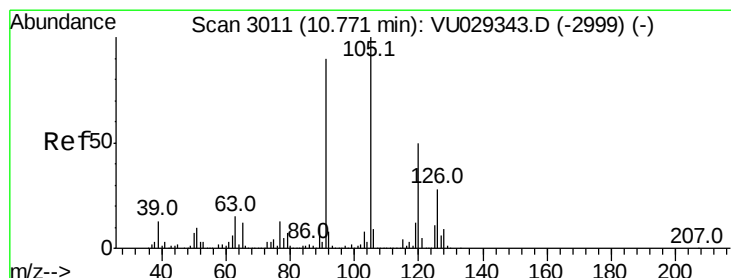
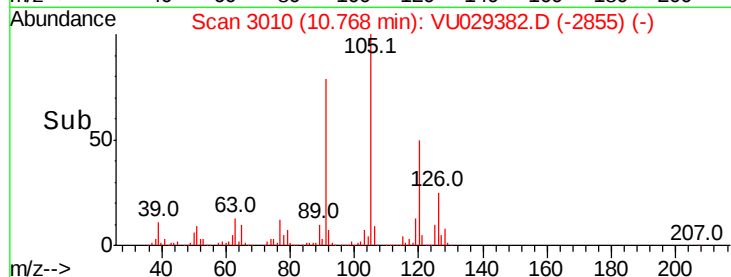
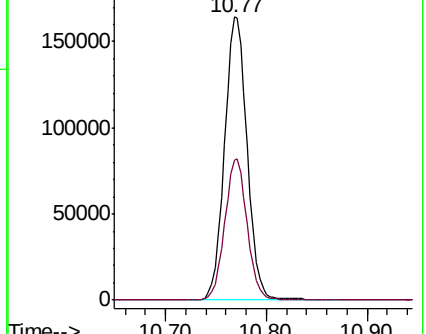
105 100

120 49.5 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 3.217 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. -0.00 min

Lab File: VU029382.D

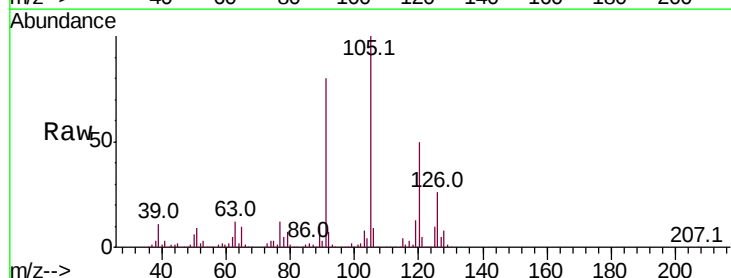
Acq: 08 Feb 2019 16:51

Tgt Ion:126 Resp: 66636

Ion Ratio Lower Upper

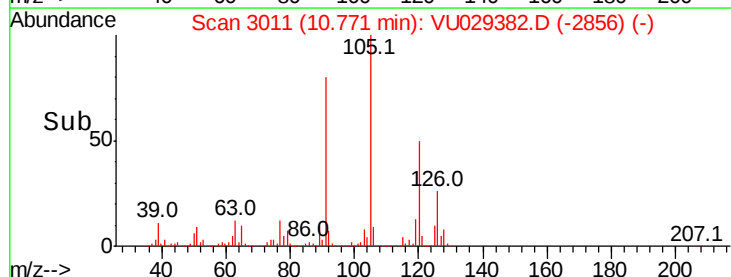
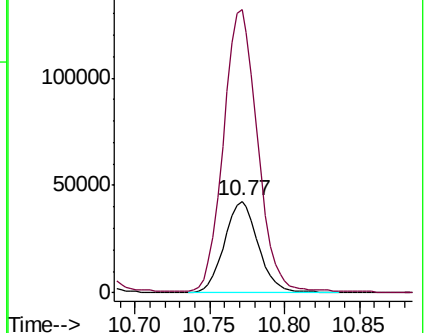
126 100

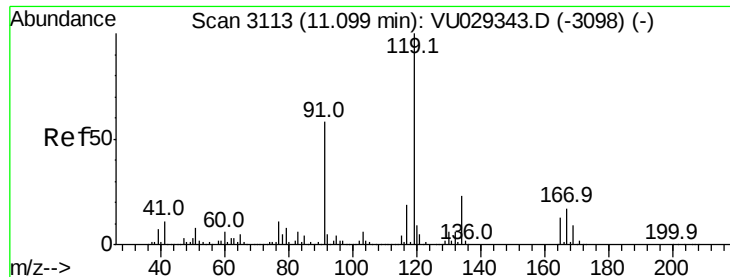
91 314.2 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 3.684 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

ClientSampleId :

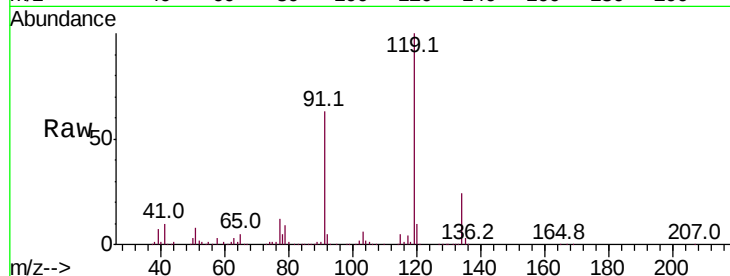
Tot Ion:119 Resp: 264187

Ion Ratio Lower Upper

119 100

91 63.4 32.2 96.6

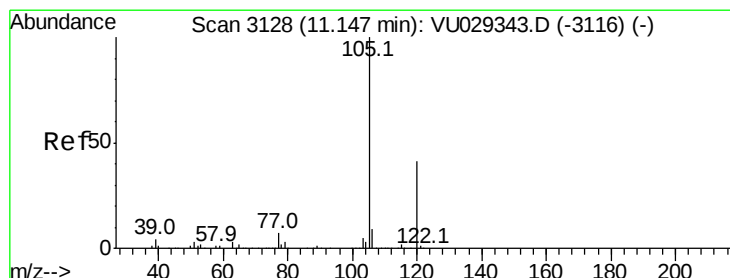
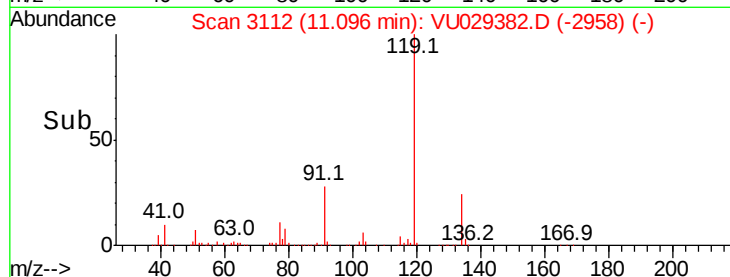
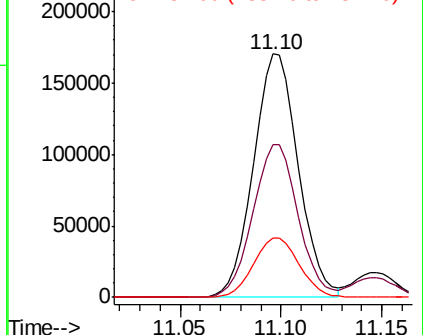
134 24.9 17.6 26.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 2.930 ug/l

RT: 11.15 min Scan# 3128

Delta R.T. -0.00 min

Lab File: VU029382.D

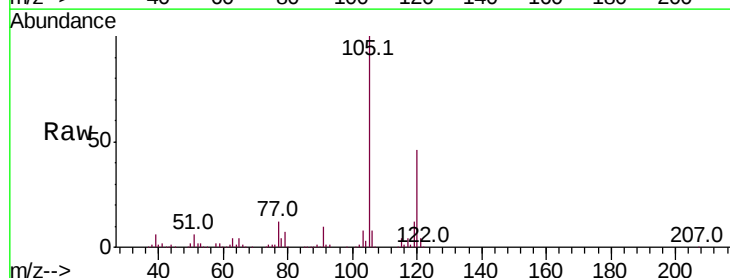
Acq: 08 Feb 2019 16:51

Tgt Ion:105 Resp: 215188

Ion Ratio Lower Upper

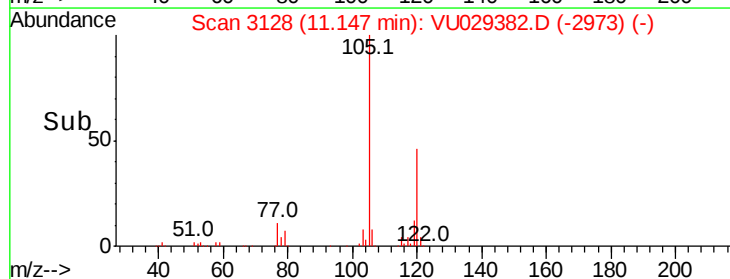
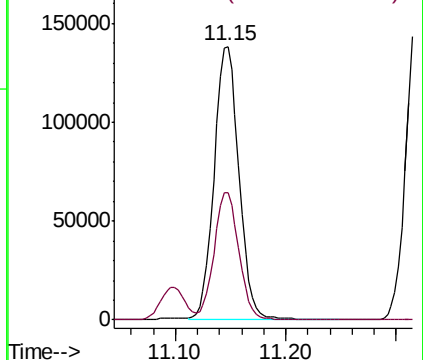
105 100

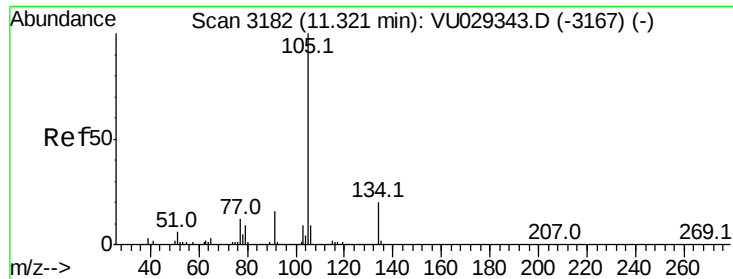
120 46.8 21.4 64.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 2.969 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

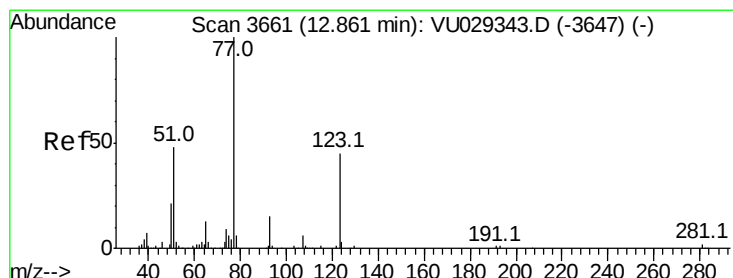
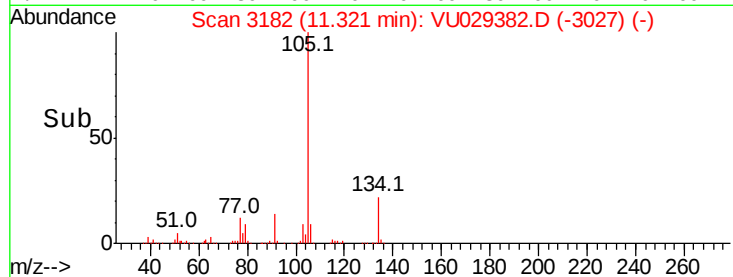
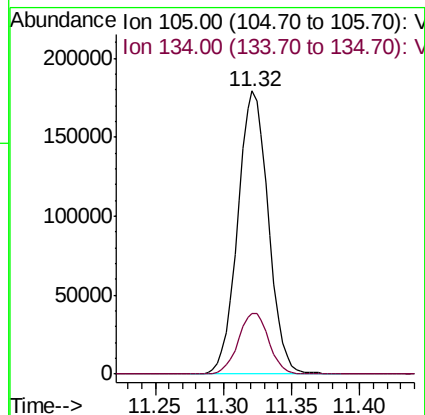
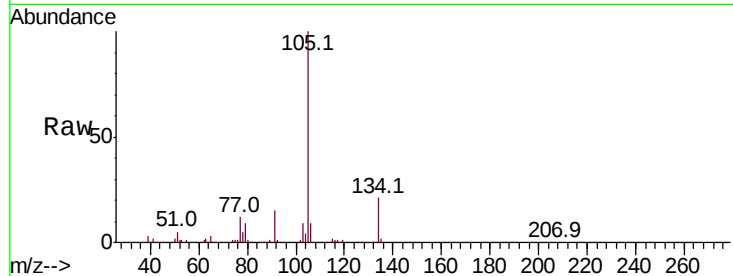
ClientSampleId :

Tot Ion:105 Resp: 278551

Ion Ratio Lower Upper

105 100

134 21.6 15.0 22.6



#80

Nitrobenzene

Concen: 0.029 ug/l

RT: 12.87 min Scan# 3665

Delta R.T. 0.01 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

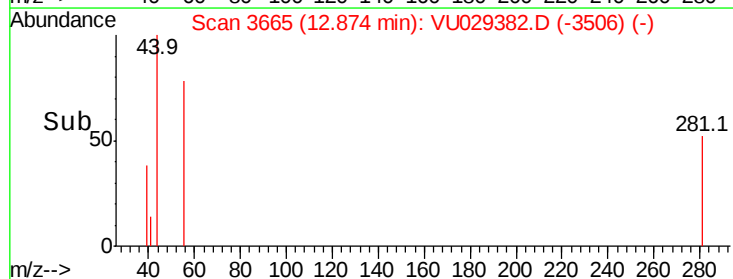
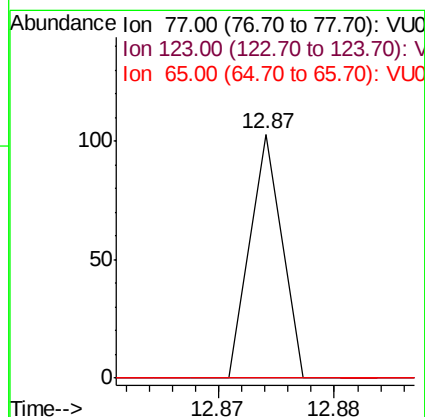
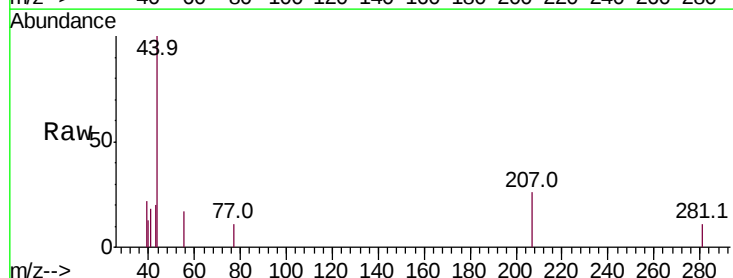
Tgt Ion: 77 Resp: 20

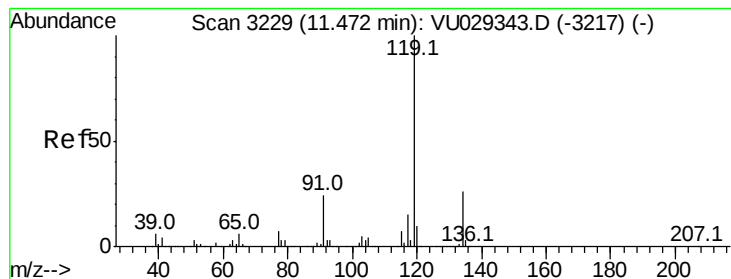
Ion Ratio Lower Upper

77 100

123 0.0 17.5 61.9#

65 0.0 10.8 13.8#





#81

p-Isopropyltoluene

Concen: 3.207 ug/l

RT: 11.48 min Scan# 3230

Delta R.T. 0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

ClientSampleId :

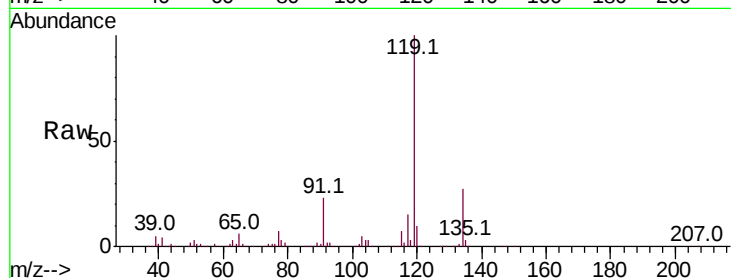
Tot Ion:119 Resp: 255045

Ion Ratio Lower Upper

119 100

134 27.5 19.8 29.6

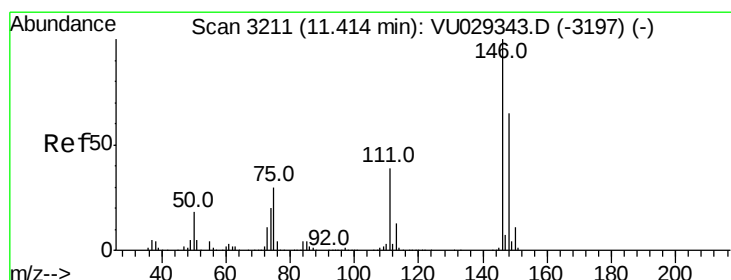
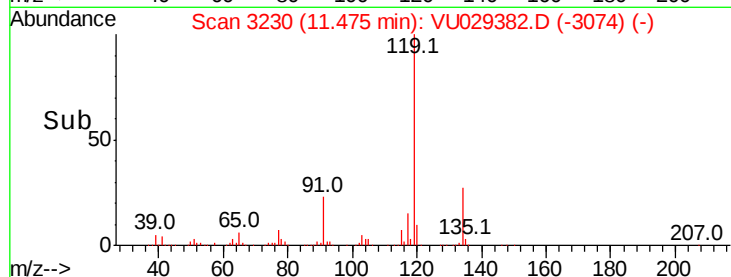
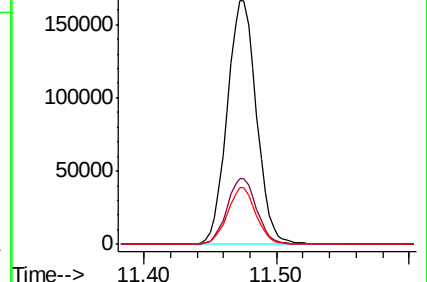
91 23.0 21.5 32.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82

1,3-Dichlorobenzene

Concen: 3.507 ug/l

RT: 11.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

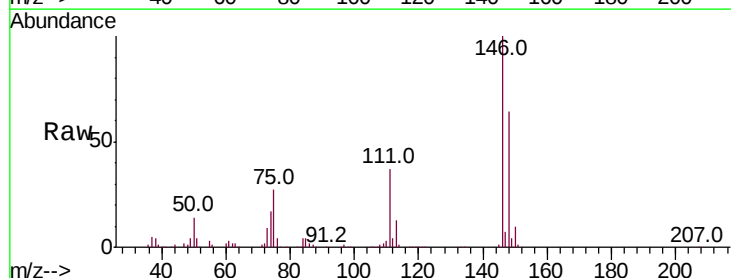
Tgt Ion:146 Resp: 140315

Ion Ratio Lower Upper

146 100

111 37.2 34.1 51.1

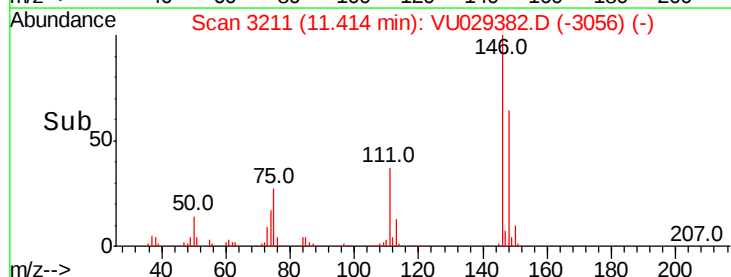
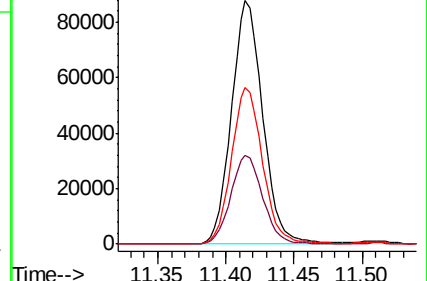
148 63.9 52.3 78.5

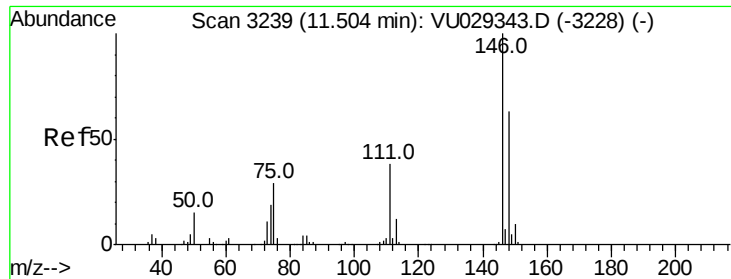


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

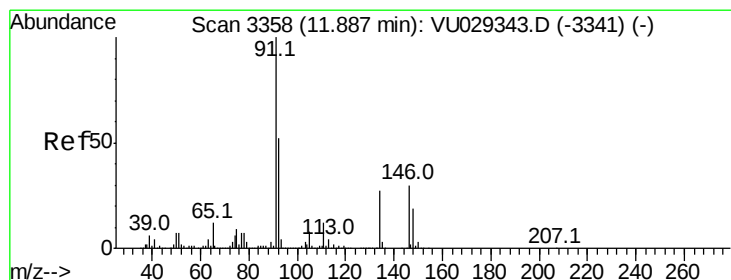
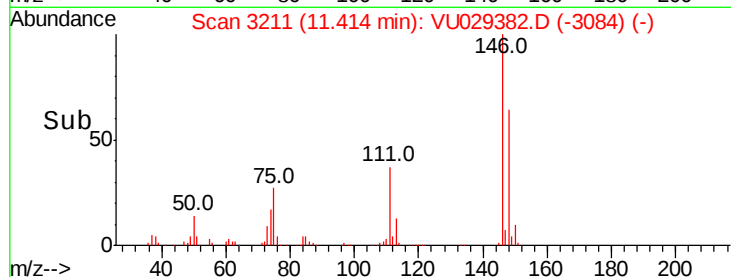
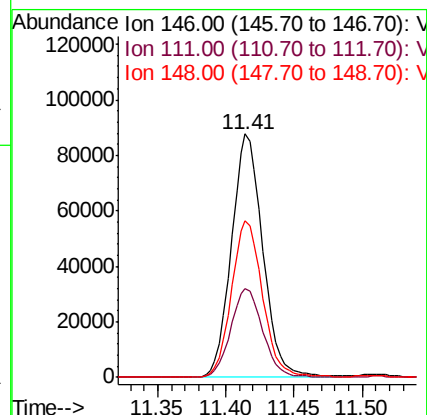
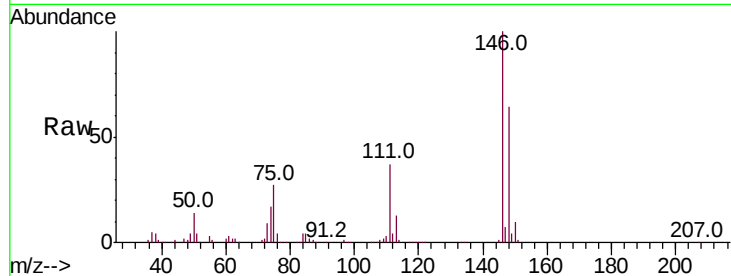




#83
 1,4-Dichlorobenzene
 Concen: 3.521 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.09 min
 Lab File: VU029382.D
 Acq: 08 Feb 2019 16:51

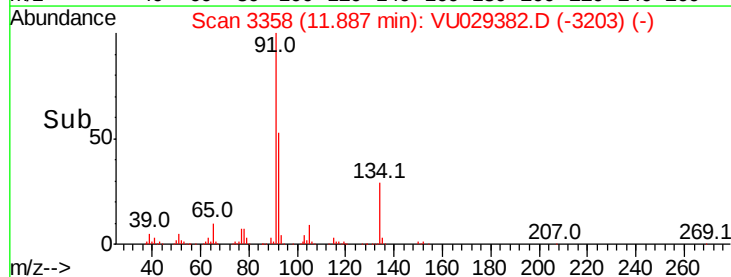
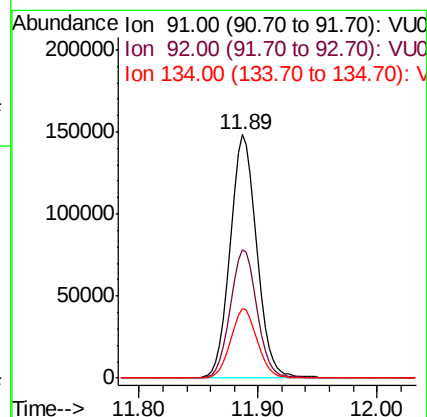
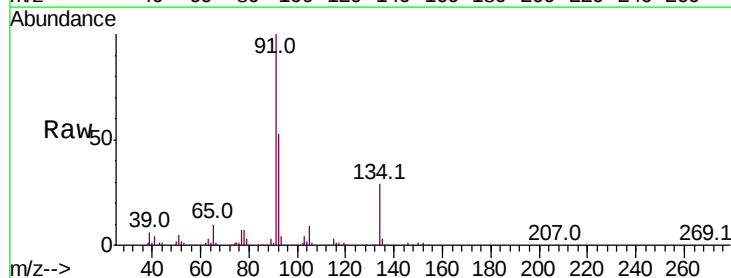
Instrument :
 MSVOA_U
 ClientSampled :

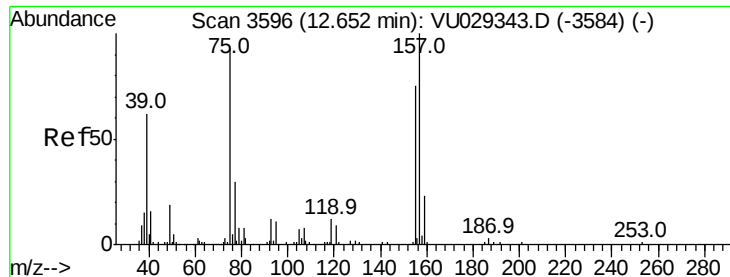
Tot Ion:146 Resp: 140315
 Ion Ratio Lower Upper
 146 100
 111 37.2 32.9 49.3
 148 63.9 51.8 77.6



#84
 n-Butylbenzene
 Concen: 3.151 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029382.D
 Acq: 08 Feb 2019 16:51

Tgt Ion: 91 Resp: 229951
 Ion Ratio Lower Upper
 91 100
 92 52.9 41.0 61.6
 134 28.4 19.1 28.7

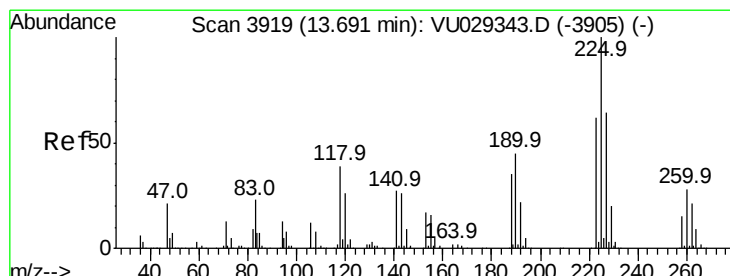
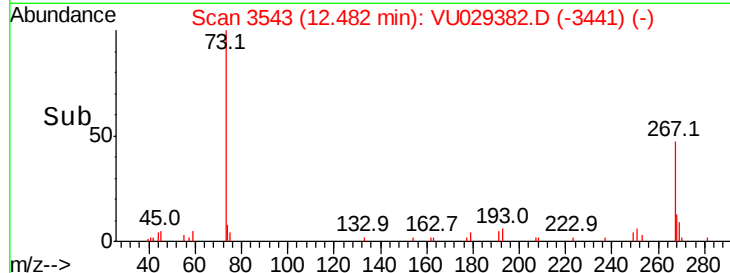
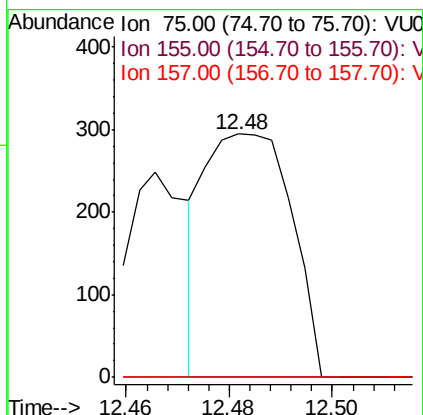
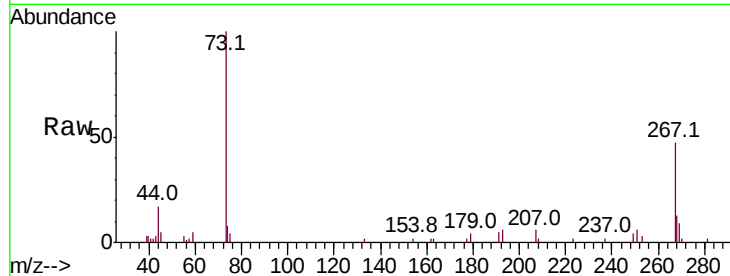




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.118 ug/l
 RT: 12.48 min Scan# 3543
 Delta R.T. -0.17 min
 Lab File: VU029382.D
 Acq: 08 Feb 2019 16:51

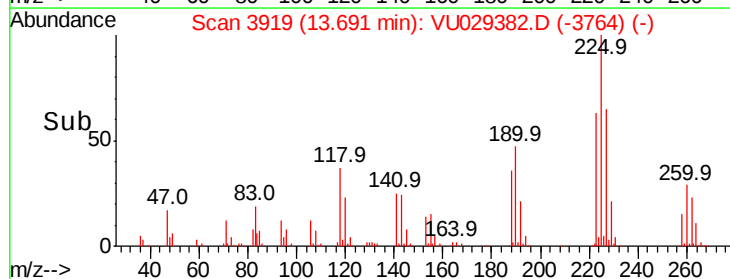
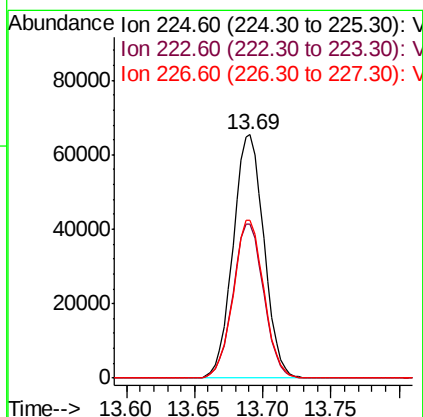
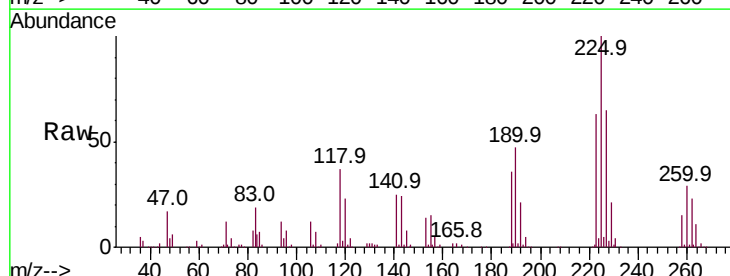
Instrument :
 MSVOA_U
 ClientSampleId :

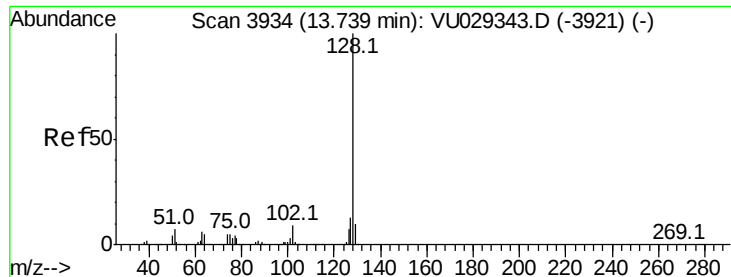
Tot Ion: 75 Resp: 341
 Ion Ratio Lower Upper
 75 100
 155 0.0 53.8 80.8#
 157 0.0 69.2 103.8#



#88
 Hexachlorobutadiene
 Concen: 6.679 ug/l
 RT: 13.69 min Scan# 3919
 Delta R.T. -0.00 min
 Lab File: VU029382.D
 Acq: 08 Feb 2019 16:51

Tgt Ion: 225 Resp: 102797
 Ion Ratio Lower Upper
 225 100
 223 63.1 49.5 74.3
 227 64.1 50.4 75.6





#89

Naphthalene

Concen: 3.927 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

Instrument :

MSVOA_U

ClientSampleId :

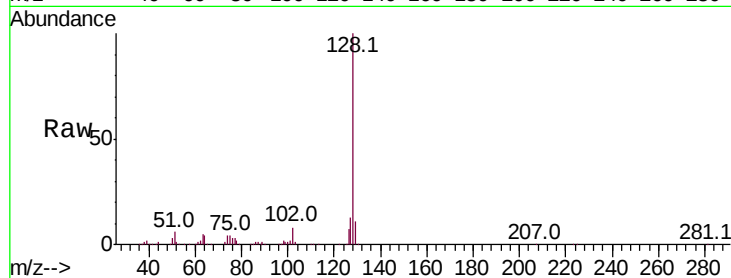
Tot Ion:128 Resp: 176993

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

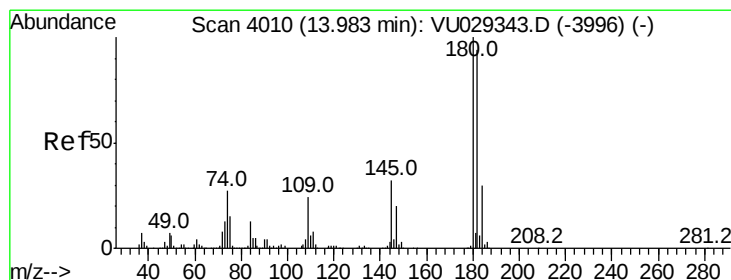
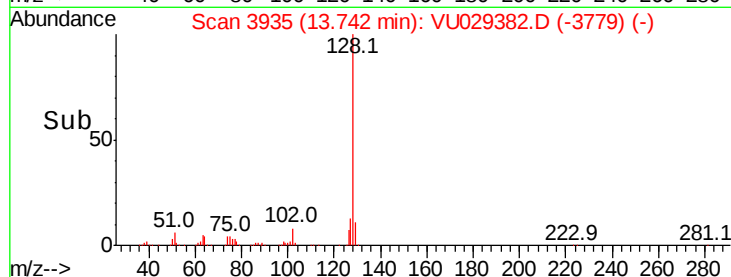
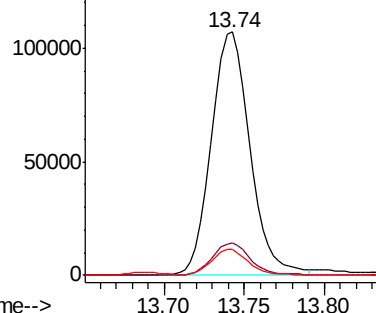
129 9.9 8.2 12.4



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: 10.271 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. -0.00 min

Lab File: VU029382.D

Acq: 08 Feb 2019 16:51

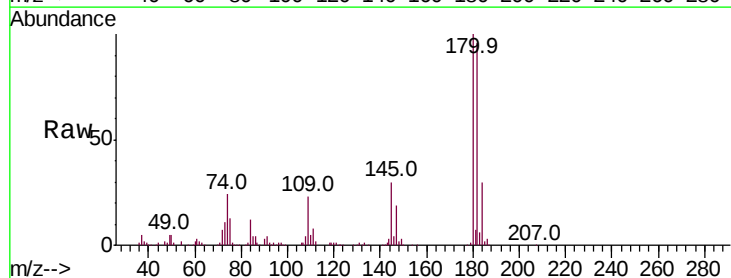
Tgt Ion:180 Resp: 249451

Ion Ratio Lower Upper

180 100

182 95.1 78.0 117.0

145 30.5 26.6 39.8



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

