

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020619\
 Data File : VU029360.D
 Acq On : 06 Feb 2019 13:46
 Operator : JC/SP
 Sample : VU0206WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBS01

Quant Time: Feb 08 12:09:17 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	55760	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	22104	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	22062	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	39329	1.890 ug/l	99
3) Chloromethane	1.33	50	35820	1.884 ug/l	98
4) Vinyl Chloride	1.40	62	41715	1.871 ug/l	98
5) Bromomethane	1.63	94	27731	2.236 ug/l	98
6) Chloroethane	1.70	64	24923	1.914 ug/l	97
7) Trichlorofluoromethane	1.88	101	62170	1.997 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	33731	2.052 ug/l	88
9) 1,1-Dichloroethene	2.28	96	33069	2.056 ug/l	72
10) Iodomethane	2.41	142	34123	1.675 ug/l #	79
11) Allyl Chloride	2.59	41	52125	1.932 ug/l	91
12) Acrylonitrile	2.94	53	14050	3.897 ug/l	97
13) Acetone	2.32	43	31945	9.194 ug/l #	80
14) Carbon Disulfide	2.48	76	112771	1.986 ug/l	98
15) Methylene Chloride	2.70	84	37227	1.909 ug/l #	80
16) trans-1,2-Dichloroethene	2.98	96	36221	2.014 ug/l #	78
17) 1,1-Dichloroethane	3.44	63	52937	1.857 ug/l	97
18) 2-Butanone	4.28	43	35684	9.189 ug/l	100
19) Cyclohexane	4.99	56	40704	1.540 ug/l	87
20) Methylcyclohexane	6.41	83	54268	1.955 ug/l #	85
21) 2,2-Dichloropropane	4.22	77	52769	2.000 ug/l	92
22) cis-1,2-Dichloroethene	4.23	96	35290	2.083 ug/l	74
23) Diethyl Ether	2.10	59	25573	1.980 ug/l	88
24) tert-Butyl Alcohol	2.83	59	25707	19.150 ug/l	97
25) Methyl tert-Butyl Ether	3.00	73	90984	2.009 ug/l #	86
26) Bromochloromethane	4.55	128	15252	2.038 ug/l	72
27) Chloroform	4.67	83	55509	2.002 ug/l	96
28) 1,1,1-Trichloroethane	4.91	97	51657	2.010 ug/l	94
29) 1,1-Dichloropropene	5.13	75	42267	1.895 ug/l	93
30) Carbon Tetrachloride	5.13	117	46969	2.019 ug/l	99
31) Isopropyl Ether	3.58	45	80901	1.881 ug/l	88
32) Ethyl-t-butyl ether	4.07	59	82965	1.925 ug/l	91
33) Tert-Amyl methyl ether	5.58	73	77046	1.977 ug/l	96
34) Propionitrile	4.33	54	4349	4.261 ug/l #	77
35) Benzene	5.39	78	119844	1.943 ug/l	99
36) 1,2-Dichloroethane	5.41	62	35168	1.885 ug/l #	84
37) Trichloroethene	6.18	130	37045	2.093 ug/l	87
38) 1,2-Dichloropropane	6.43	63	30177	1.881 ug/l	97
39) Methacrylonitrile	4.55	41	9088	1.739 ug/l #	84
40) Methyl acrylate	4.43	55	14232	1.804 ug/l #	90
41) Tetrahydrofuran	4.65	42	9961	3.783 ug/l #	84
42) 1-Chlorobutane	5.06	56	55115	1.844 ug/l	87

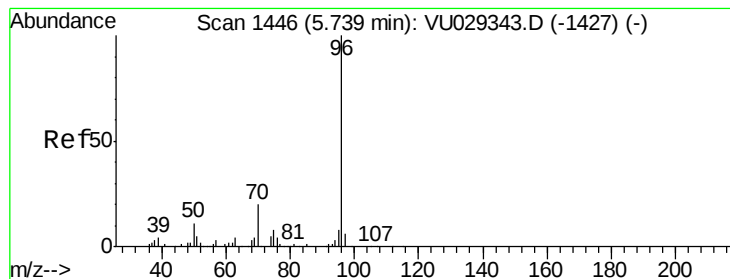
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020619\
 Data File : VU029360.D
 Acq On : 06 Feb 2019 13:46
 Operator : JC/SP
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 VU0206WBS01

Quant Time: Feb 08 12:09:17 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)
43) Dibromomethane	6.56	93	16153	1.889	ug/l #	87
44) Bromodichloromethane	6.76	83	42736	1.961	ug/l #	93
45) 4-Methyl-2-Pentanone	7.46	43	90534	9.032	ug/l #	89
46) t-1,4-Dichloro-2-butene	10.49	75	17382	3.559	ug/l #	85
47) Methyl methacrylate	6.63	69	29269	3.890	ug/l #	74
48) Ethyl methacrylate	8.02	69	30472	1.888	ug/l	80
49) Toluene	7.63	92	77248	1.957	ug/l	97
50) t-1,3-Dichloropropene	7.88	75	40939	1.917	ug/l	95
51) cis-1,3-Dichloropropene	7.27	75	48968	1.930	ug/l #	86
52) 1,1,2-Trichloroethane	8.07	97	23544	2.080	ug/l	97
53) 1,3-Dichloropropane	8.24	76	38612	1.942	ug/l	99
54) 2-Hexanone	8.37	43	62773	8.934	ug/l	87
55) Dibromochloromethane	8.48	129	32425	2.015	ug/l	100
56) 1,2-Dibromoethane	8.58	107	22536	1.940	ug/l	99
58) Tetrachloroethene	8.22	164	34607	2.101	ug/l	94
59) Chlorobenzene	9.12	112	90908	2.044	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	33695	2.051	ug/l	97
61) Pentachloroethane	11.10	117	24539	1.927	ug/l	84
62) Hexachloroethane	12.14	117	26940	1.938	ug/l	94
63) Ethyl Benzene	9.25	91	152436	1.974	ug/l	95
64) m/p-Xylenes	9.37	106	118738	3.957	ug/l	87
65) o-Xylene	9.78	106	58213	1.976	ug/l	91
66) Styrene	9.79	104	96587	1.967	ug/l	94
67) Bromoform	9.96	173	20269	2.025	ug/l	97
69) Isopropylbenzene	10.16	105	156120	1.984	ug/l	94
70) 1,1,2,2-Tetrachloroethane	10.46	83	28870	1.990	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	17382	1.745	ug/l #	75
72) Bromobenzene	10.45	156	39743	2.084	ug/l	83
73) n-propylbenzene	10.58	120	44201	2.017	ug/l	77
74) 2-Chlorotoluene	10.66	126	38697	2.073	ug/l	75
75) 1,3,5-Trimethylbenzene	10.77	105	133080	1.961	ug/l	95
76) 4-Chlorotoluene	10.77	126	38667	1.996	ug/l	75
77) tert-Butylbenzene	11.10	119	134054	1.999	ug/l	91
78) 1,2,4-Trimethylbenzene	11.15	105	133831	1.948	ug/l	95
79) sec-Butylbenzene	11.32	105	173959	1.982	ug/l	96
80) Nitrobenzene	12.87	77	4317	6.678	ug/l #	96
81) p-Isopropyltoluene	11.47	119	148384	1.995	ug/l	93
82) 1,3-Dichlorobenzene	11.41	146	75930	2.029	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	75568	2.027	ug/l	96
84) n-Butylbenzene	11.89	91	132984	1.948	ug/l	96
85) 1,2-Dichlorobenzene	11.88	146	70329	1.988	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4424	1.634	ug/l #	54
87) 1,2,4-Trichlorobenzene	13.50	180	51002	2.052	ug/l	98
88) Hexachlorobutadiene	13.69	225	32674	2.270	ug/l	99
89) Naphthalene	13.74	128	83251	1.975	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	46667	2.055	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBS01

Tgt Ion: 96 Resp: 55760

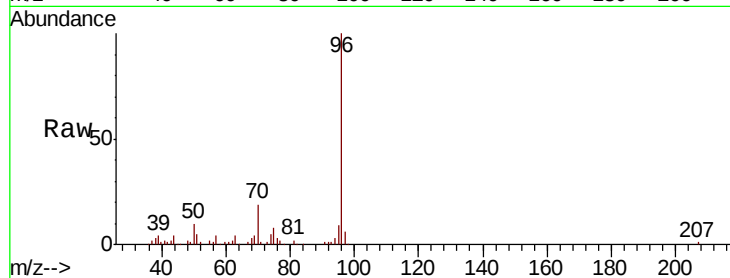
Ion Ratio Lower Upper

96 100

70 19.6 16.2 24.2

95 9.4 7.4 11.2

97 6.7 0.0 0.0#

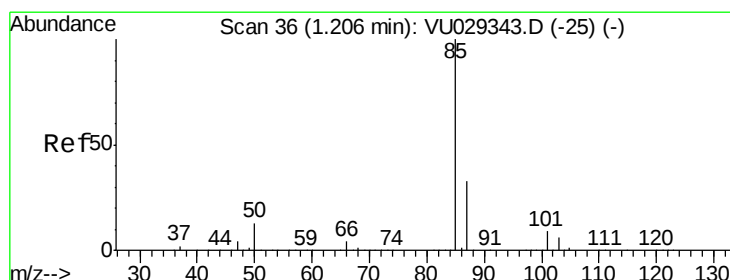
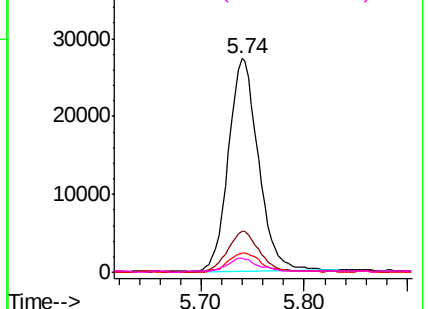
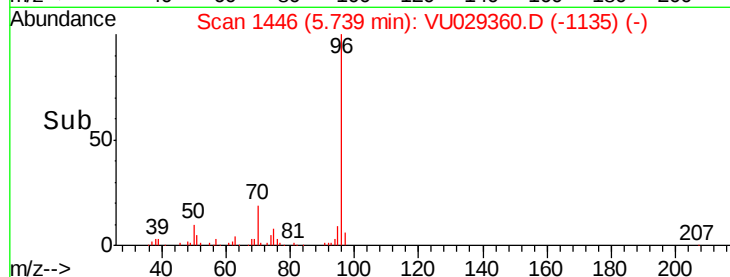


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 1.890 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU029360.D

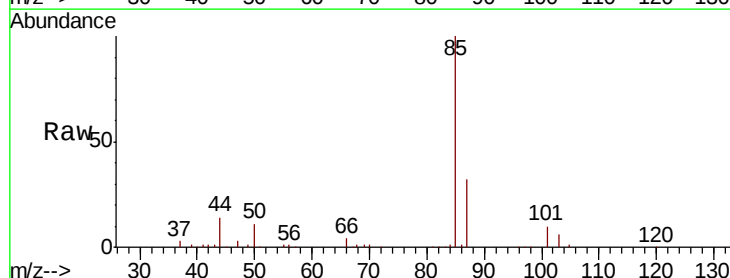
Acq: 06 Feb 2019 13:46

Tgt Ion: 85 Resp: 39329

Ion Ratio Lower Upper

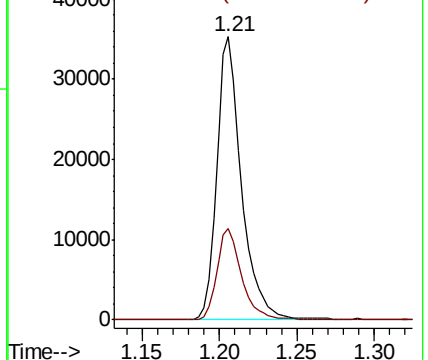
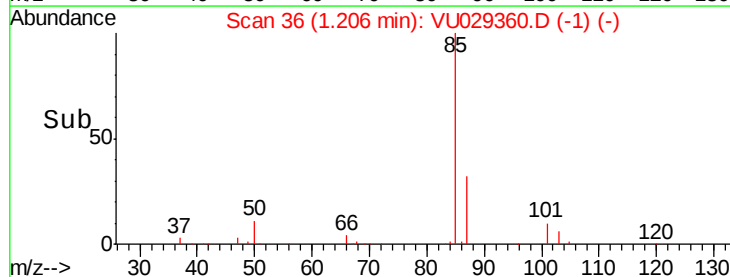
85 100

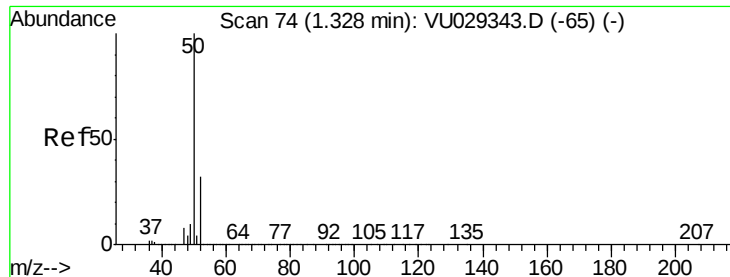
87 32.4 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.884 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

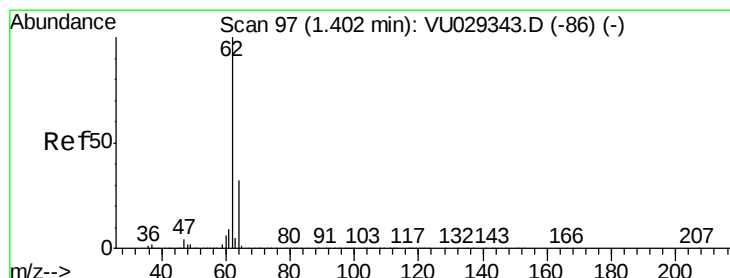
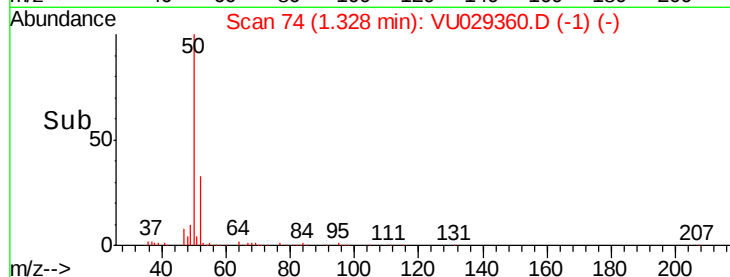
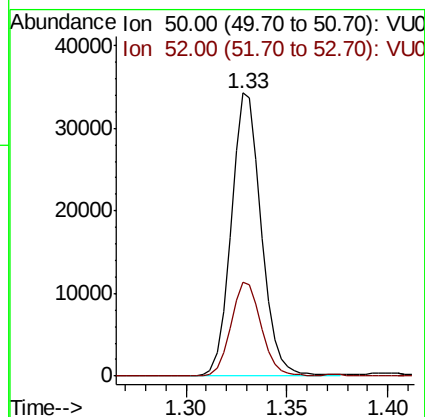
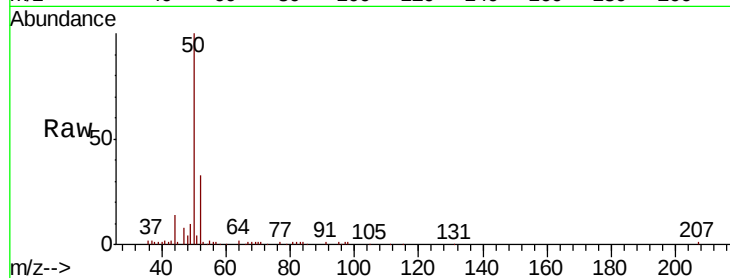
VU0206WBS01

Tgt Ion: 50 Resp: 35820

Ion Ratio Lower Upper

50 100

52 33.2 27.3 40.9



#4

Vinyl Chloride

Concen: 1.871 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029360.D

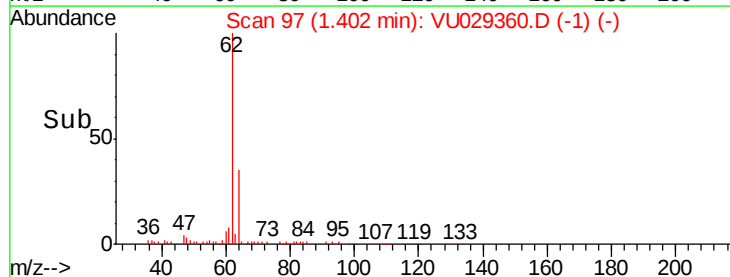
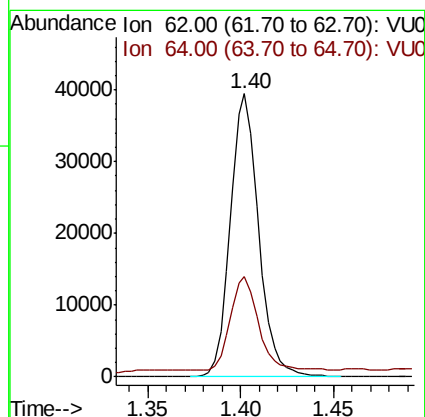
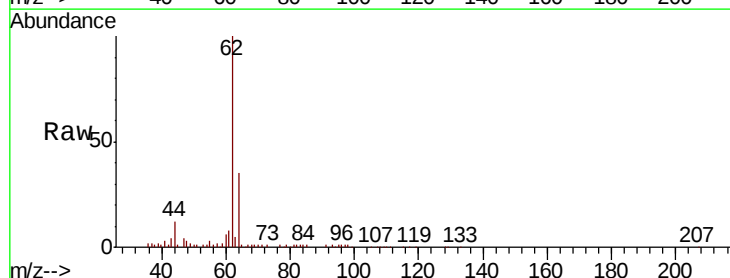
Acq: 06 Feb 2019 13:46

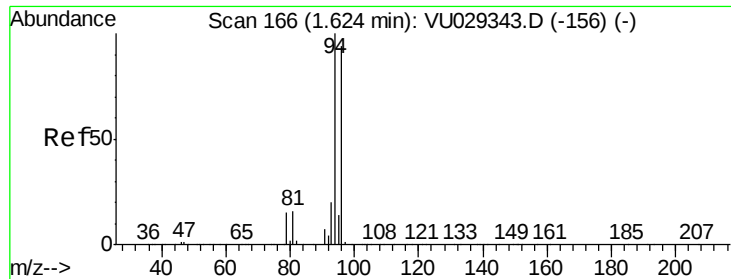
Tgt Ion: 62 Resp: 41715

Ion Ratio Lower Upper

62 100

64 32.9 25.2 37.8





#5

Bromomethane

Concen: 2.236 ug/l

RT: 1.63 min Scan# 168

Delta R.T. 0.01 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

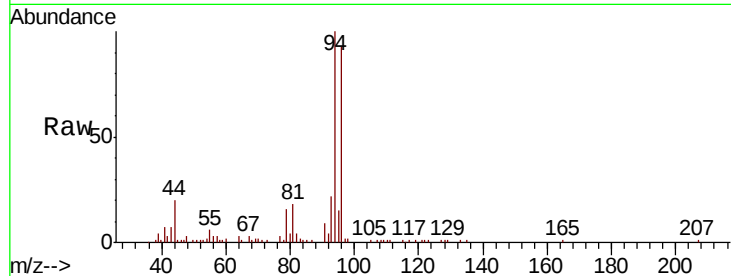
VU0206WBS01

Tgt Ion: 94 Resp: 27731

Ion Ratio Lower Upper

94 100

96 91.6 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

25000

20000

15000

10000

5000

0

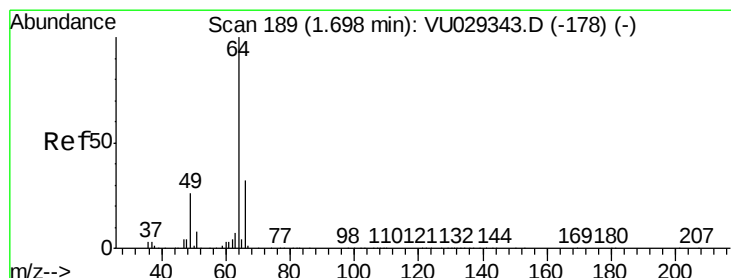
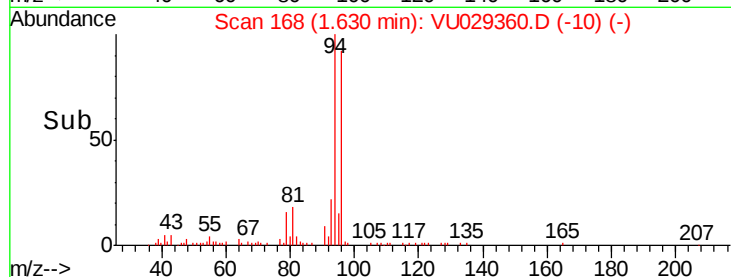
1.60

1.63

1.65

1.70

Time-->



#6

Chloroethane

Concen: 1.914 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029360.D

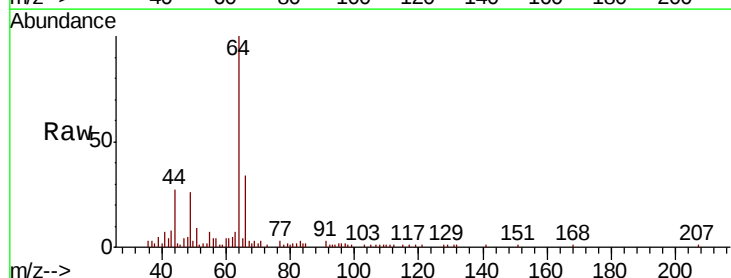
Acq: 06 Feb 2019 13:46

Tgt Ion: 64 Resp: 24923

Ion Ratio Lower Upper

64 100

66 34.4 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

20000

15000

10000

5000

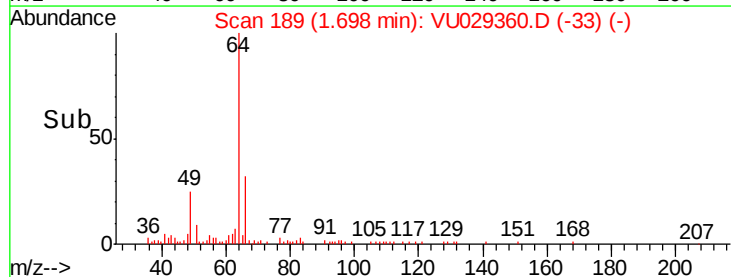
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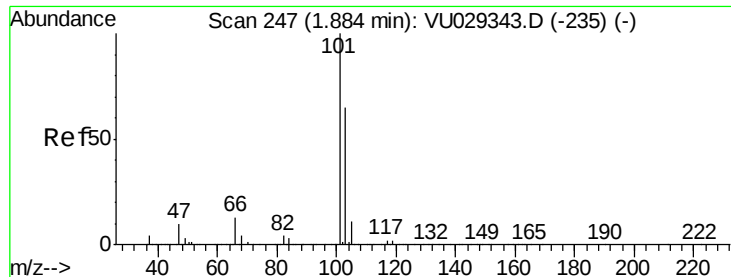
1.65

1.70

1.75

Time-->



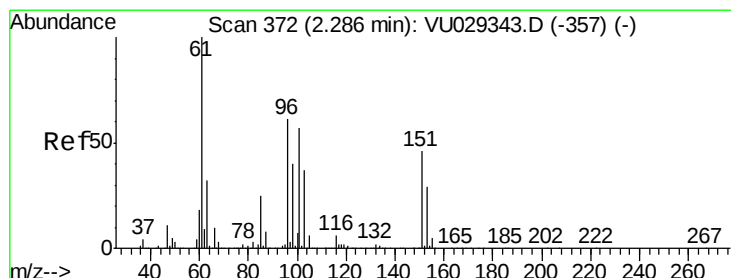
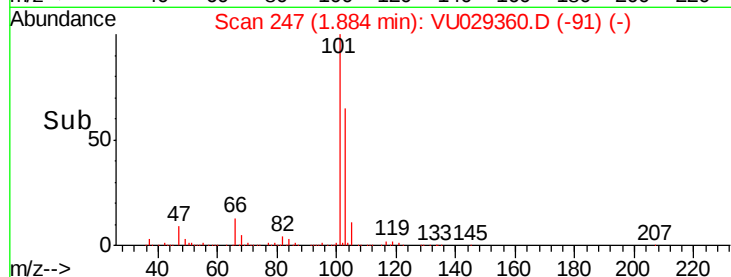
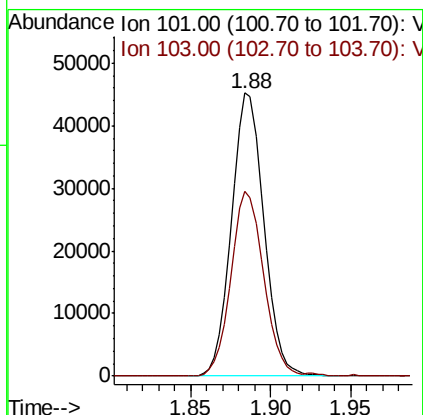
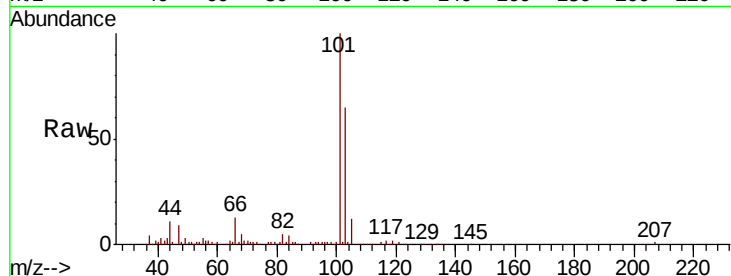


#7

Trichlorofluoromethane
 Concen: 1.997 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBS01

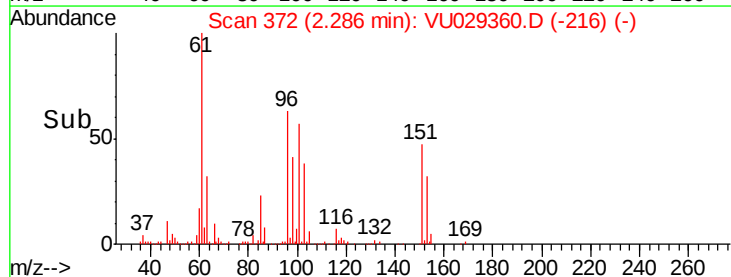
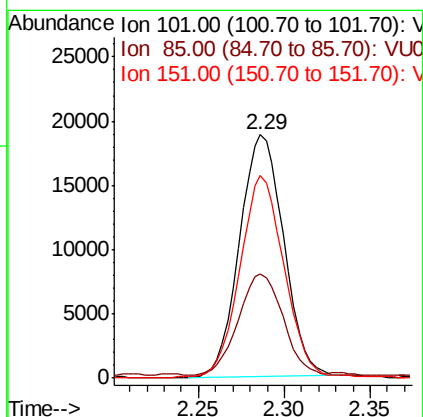
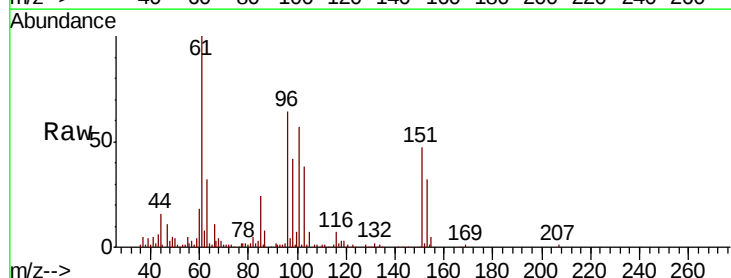
Tgt Ion:101 Resp: 62170
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.9 80.9

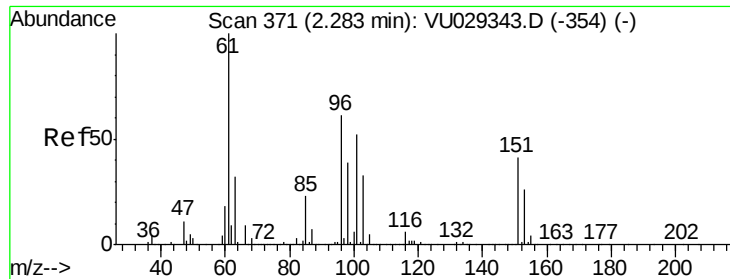


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.052 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Tgt Ion:101 Resp: 33731
 Ion Ratio Lower Upper
 101 100
 85 41.3 40.3 60.5
 151 82.6 58.1 87.1





#9

1,1-Dichloroethene

Concen: 2.056 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBS01

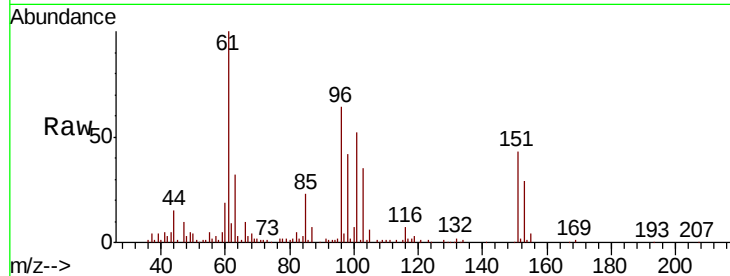
Tgt Ion: 96 Resp: 33069

Ion Ratio Lower Upper

96 100

61 158.9 0.0 641.4

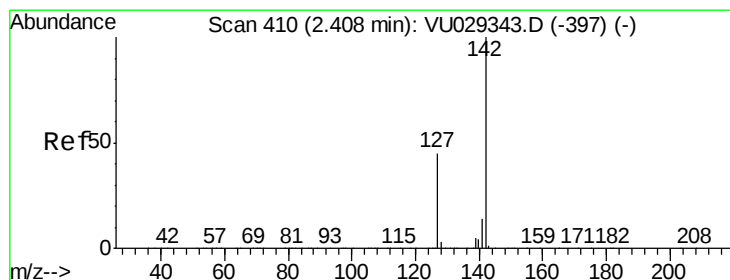
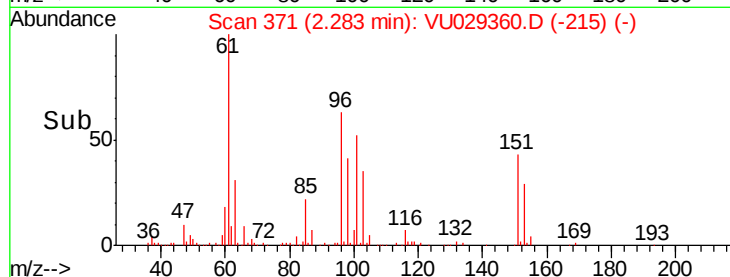
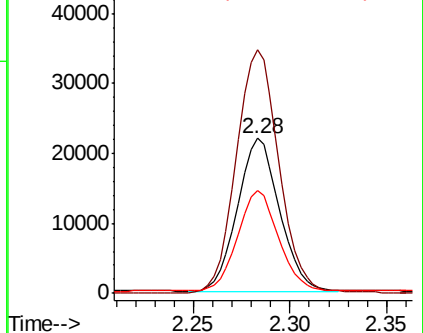
98 66.0 0.0 122.6



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: 1.675 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029360.D

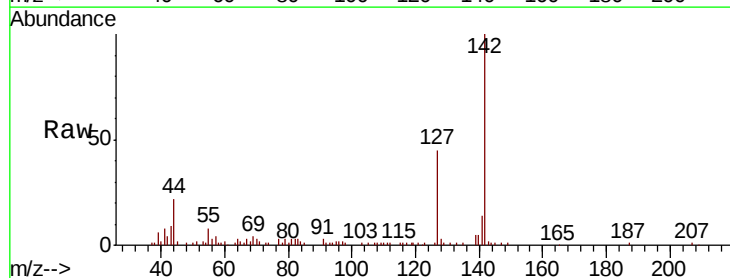
Acq: 06 Feb 2019 13:46

Tgt Ion: 142 Resp: 34123

Ion Ratio Lower Upper

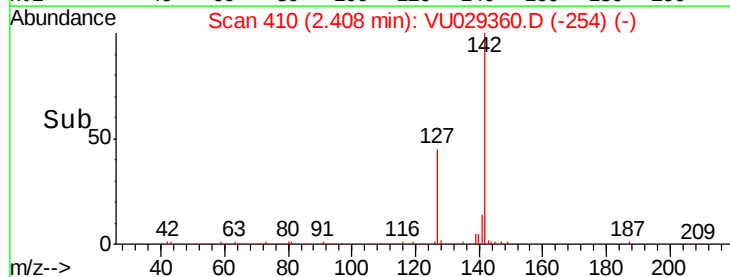
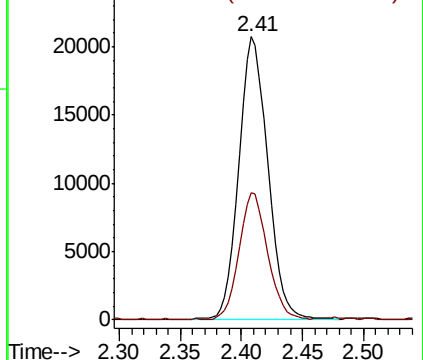
142 100

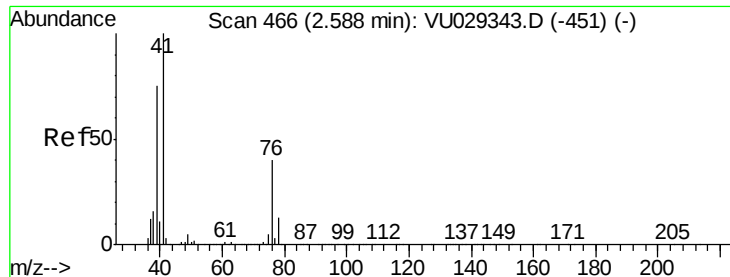
127 44.0 47.6 71.4#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#11

Allyl Chloride

Concen: 1.932 ug/l

RT: 2.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

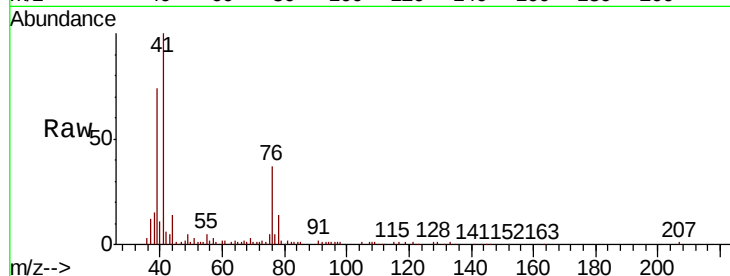
VU0206WBS01

Tgt Ion: 41 Resp: 52125

Ion Ratio Lower Upper

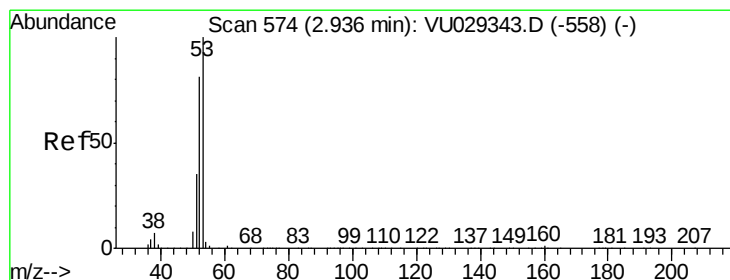
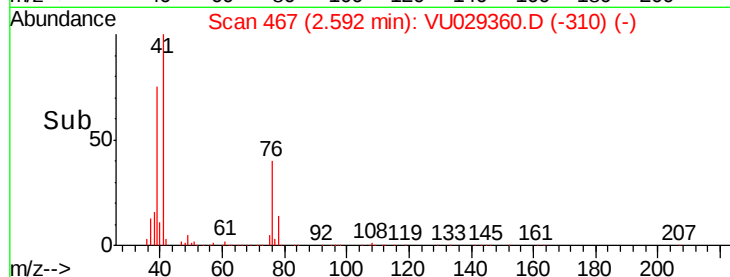
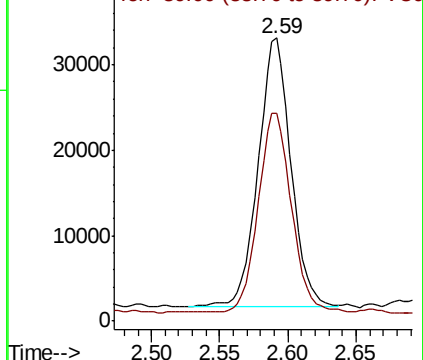
41 100

39 75.4 67.2 100.8



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#12

Acrylonitrile

Concen: 3.897 ug/l

RT: 2.94 min Scan# 574

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

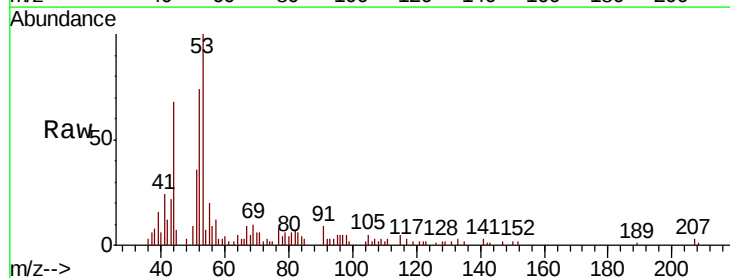
Tgt Ion: 53 Resp: 14050

Ion Ratio Lower Upper

53 100

52 80.9 67.6 101.4

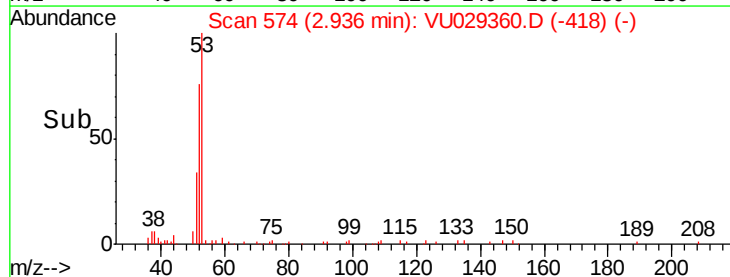
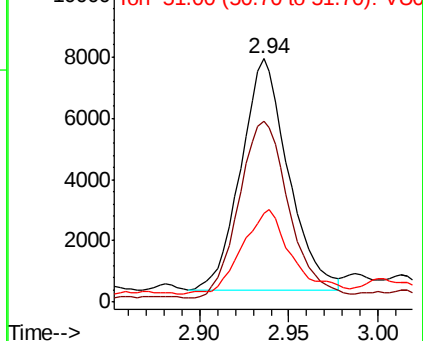
51 38.2 31.0 46.4

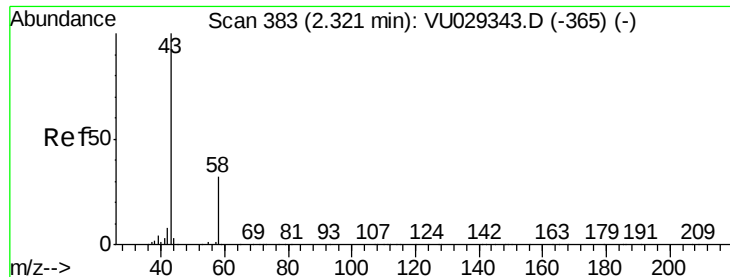


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#13

Acetone

Concen: 9.194 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

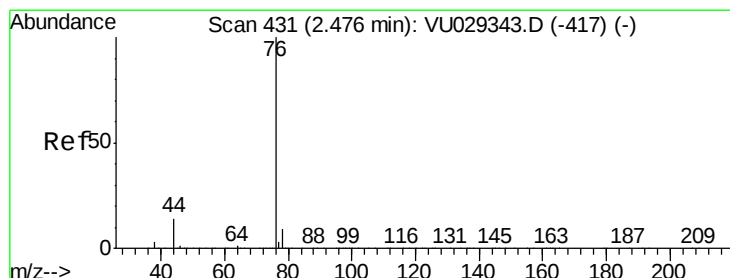
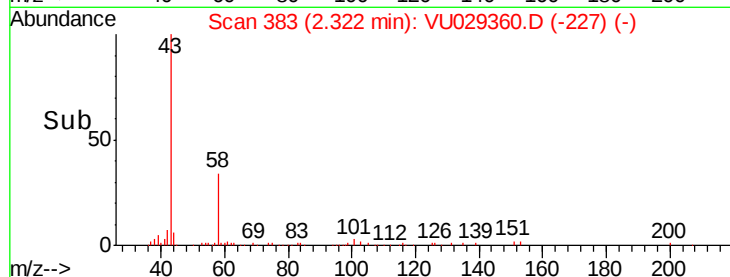
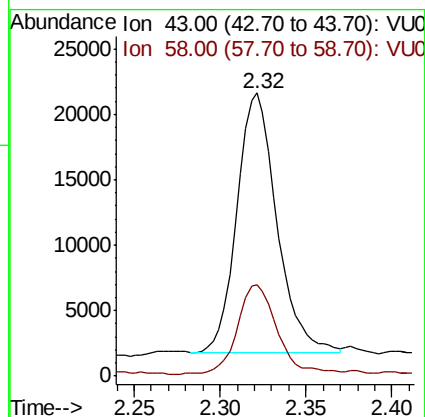
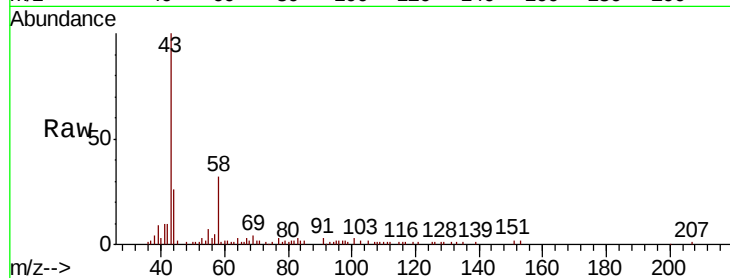
VU0206WBS01

Tgt Ion: 43 Resp: 31945

Ion Ratio Lower Upper

43 100

58 33.9 19.2 28.8#



#14

Carbon Disulfide

Concen: 1.986 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU029360.D

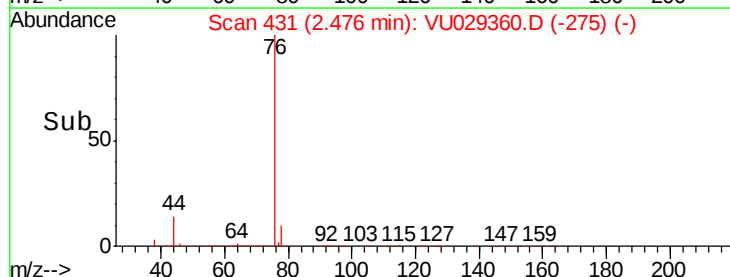
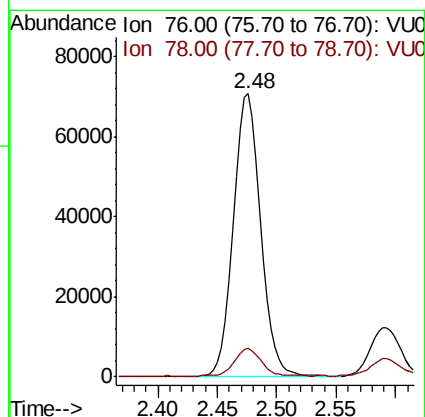
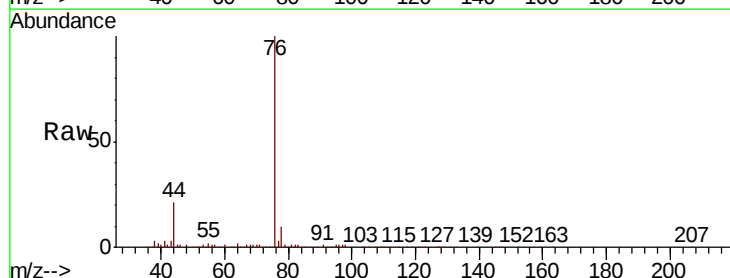
Acq: 06 Feb 2019 13:46

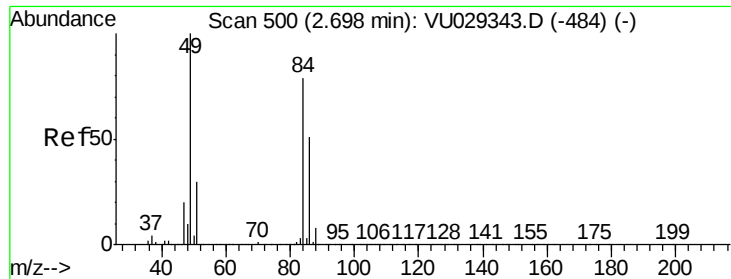
Tgt Ion: 76 Resp: 112771

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7

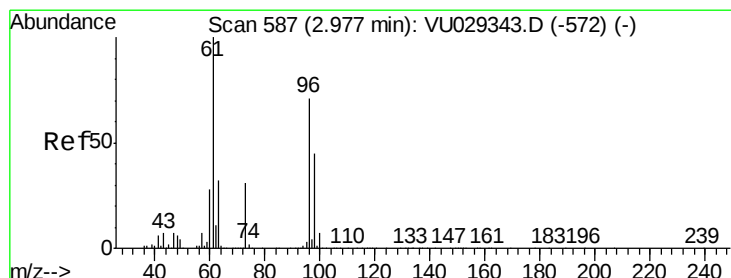
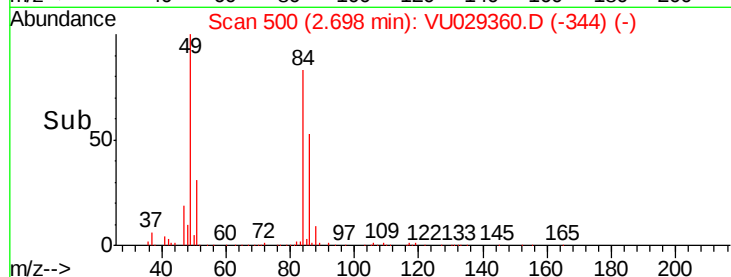
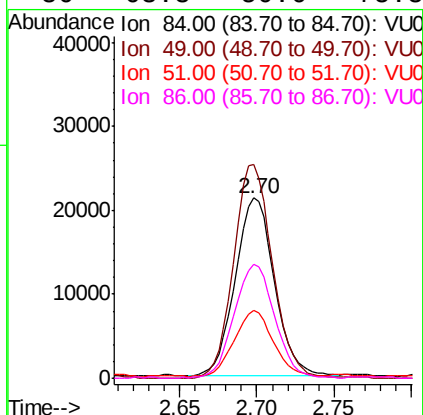
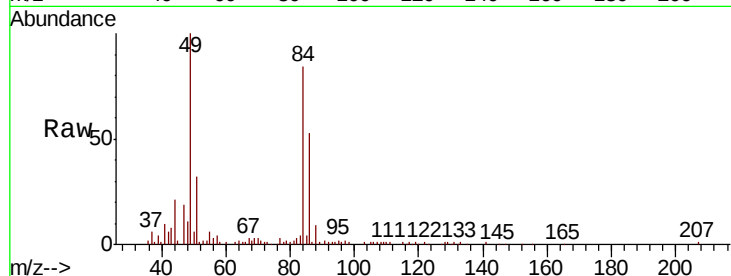




#15
Methylene Chloride
Concen: 1.909 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

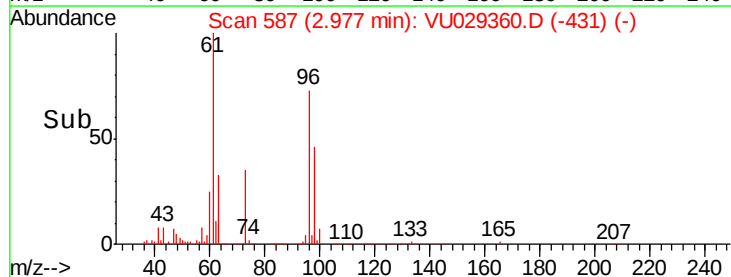
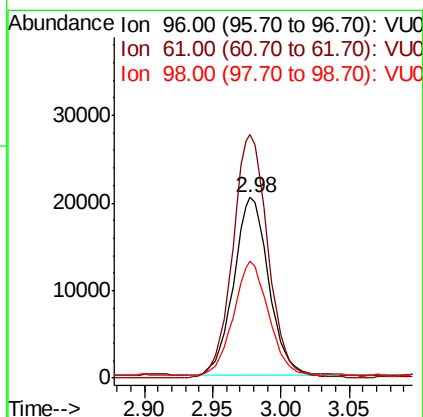
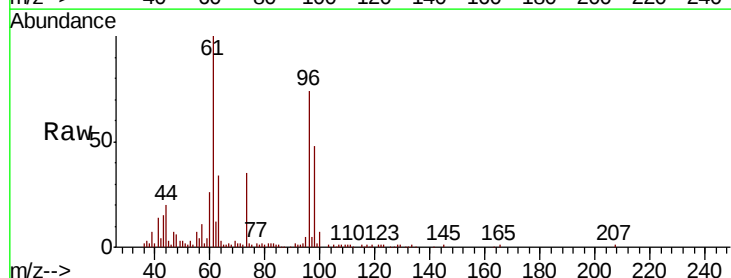
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBS01

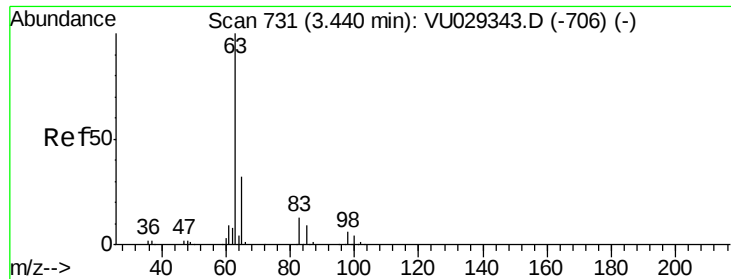
Tgt Ion:	84	Resp:	37227
Ion	Ratio	Lower	Upper
84	100		
49	120.2	127.0	190.6#
51	37.1	0.0	93.4
86	63.8	50.6	75.8



#16
trans-1,2-Dichloroethene
Concen: 2.014 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Tgt Ion:	96	Resp:	36221
Ion	Ratio	Lower	Upper
96	100		
61	136.3	140.6	210.8#
98	63.6	49.3	73.9





#17

1,1-Dichloroethane

Concen: 1.857 ug/l

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBS01

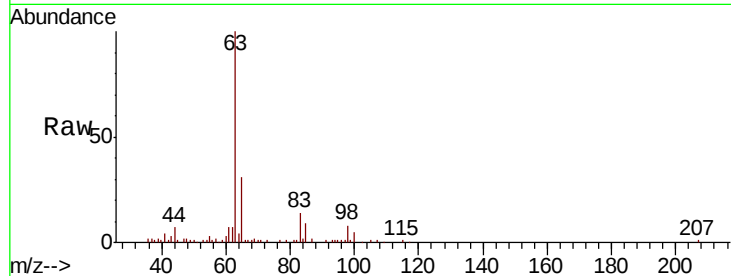
Tgt Ion: 63 Resp: 52937

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

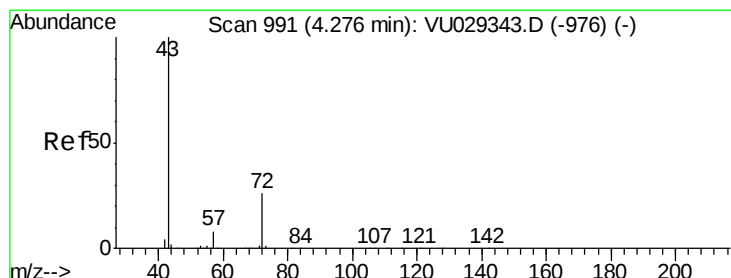
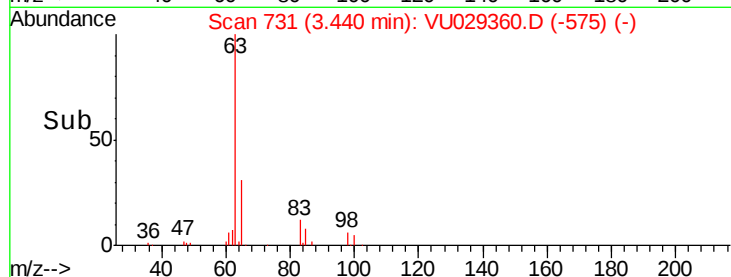
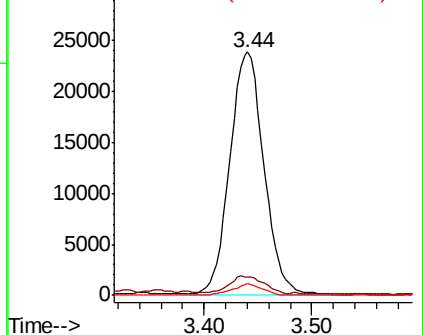
100 5.0 1.7 5.1



Abundance Ion 63.00 (62.70 to 63.70): VU029343.D (-706) (-)

Ion 98.00 (97.70 to 98.70): VU029343.D (-706) (-)

Ion 100.00 (99.70 to 100.70): VU029343.D (-706) (-)



#18

2-Butanone

Concen: 9.189 ug/l

RT: 4.28 min Scan# 991

Delta R.T. 0.00 min

Lab File: VU029360.D

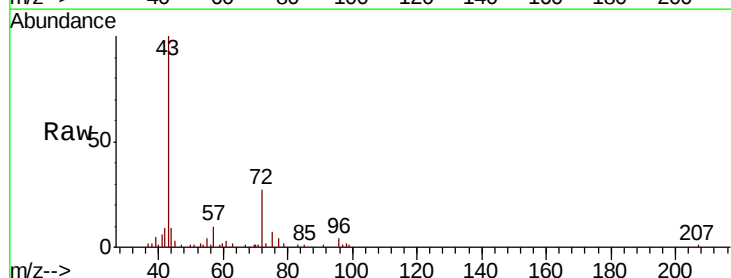
Acq: 06 Feb 2019 13:46

Tgt Ion: 43 Resp: 35684

Ion Ratio Lower Upper

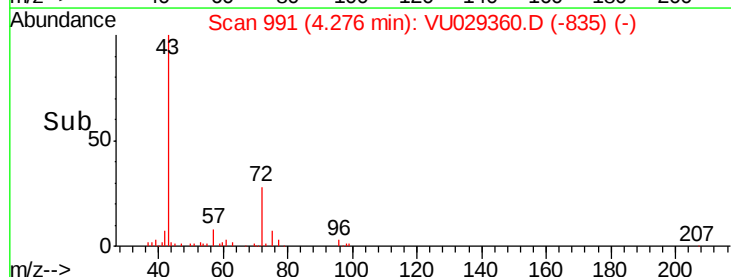
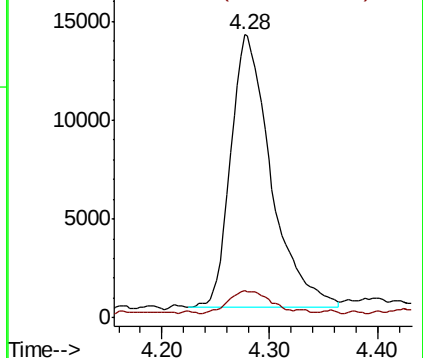
43 100

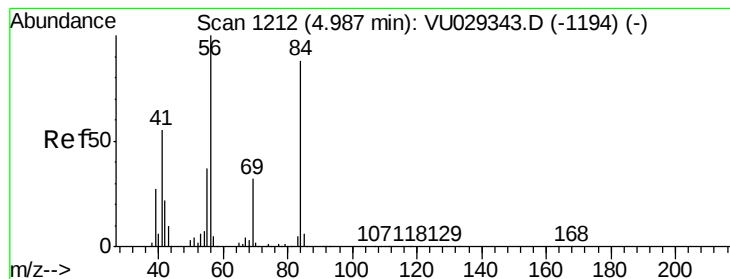
57 7.8 0.0 15.8



Abundance Ion 43.00 (42.70 to 43.70): VU029343.D (-976) (-)

Ion 57.00 (56.70 to 57.70): VU029343.D (-976) (-)





#19

Cyclohexane

Concen: 1.540 ug/l

RT: 4.99 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBS01

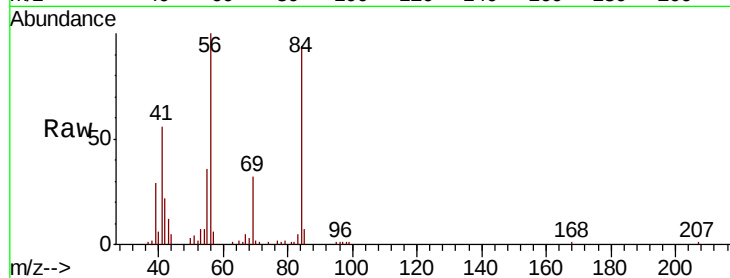
Tgt Ion: 56 Resp: 40704

Ion Ratio Lower Upper

56 100

69 35.0 26.8 40.2

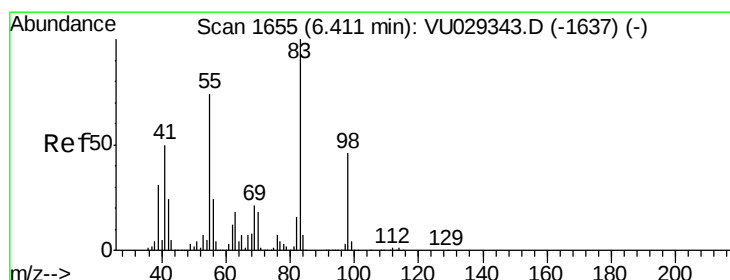
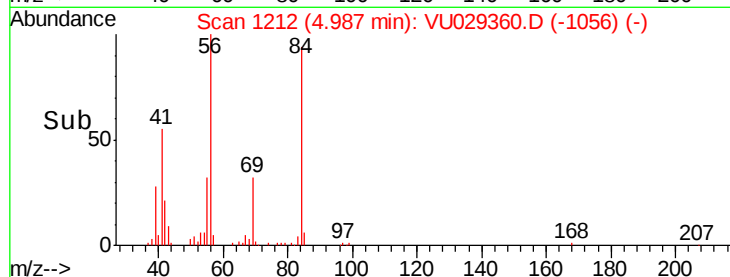
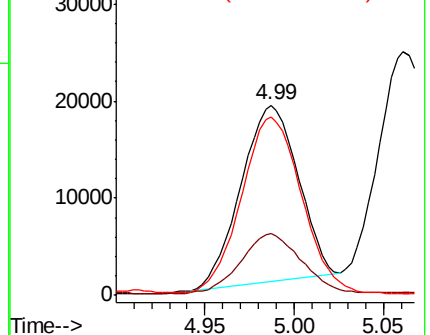
84 104.9 71.5 107.3



Abundance Ion 56.00 (55.70 to 56.70): VU029360.D (-1056) (-)

Ion 69.00 (68.70 to 69.70): VU029360.D (-1056) (-)

Ion 84.00 (83.70 to 84.70): VU029360.D (-1056) (-)



#20

Methylcyclohexane

Concen: 1.955 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

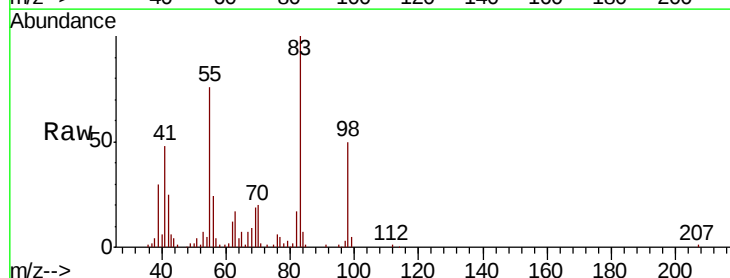
Tgt Ion: 83 Resp: 54268

Ion Ratio Lower Upper

83 100

55 71.1 72.4 108.6#

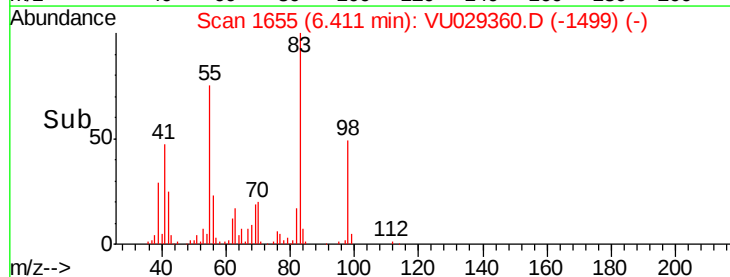
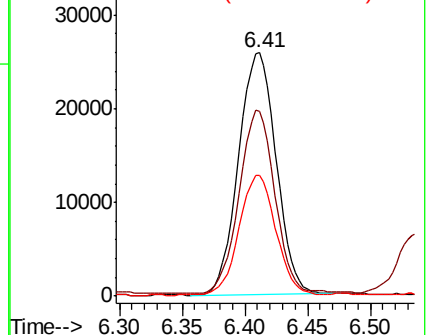
98 48.3 36.6 54.8

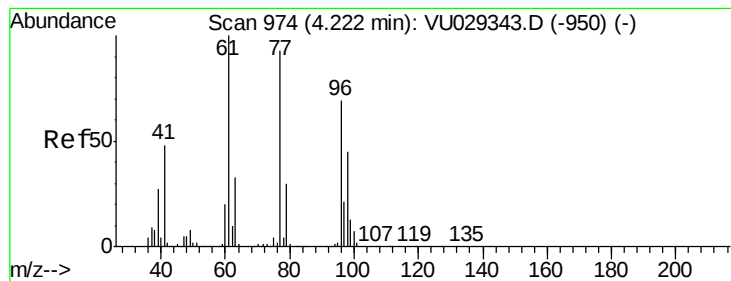


Abundance Ion 83.00 (82.70 to 83.70): VU029360.D (-1499) (-)

Ion 55.00 (54.70 to 55.70): VU029360.D (-1499) (-)

Ion 98.00 (97.70 to 98.70): VU029360.D (-1499) (-)





#21

2,2-Dichloropropane

Concen: 2.000 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

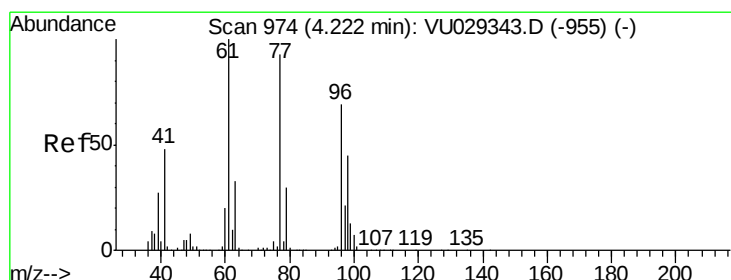
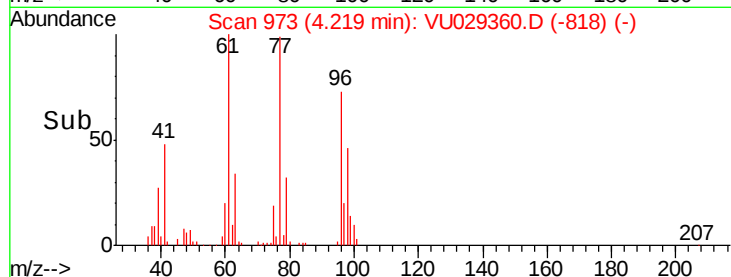
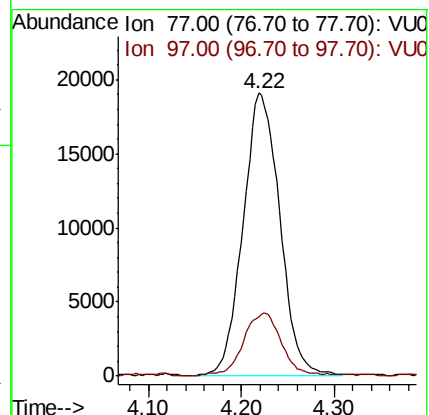
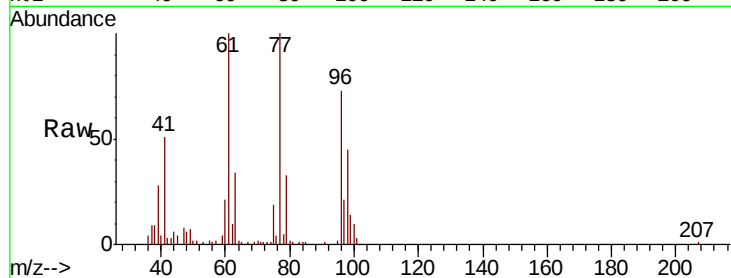
VU0206WBS01

Tgt Ion: 77 Resp: 52769

Ion Ratio Lower Upper

77 100

97 23.1 15.6 23.4



#22

cis-1,2-Dichloroethene

Concen: 2.083 ug/l

RT: 4.23 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

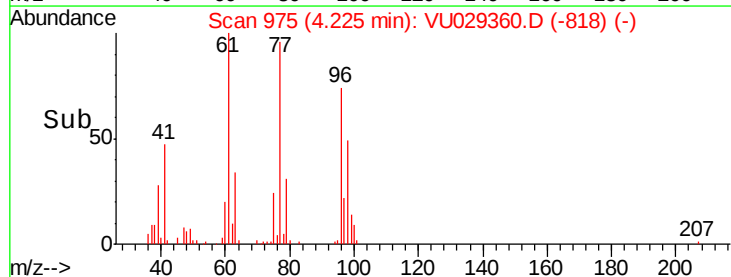
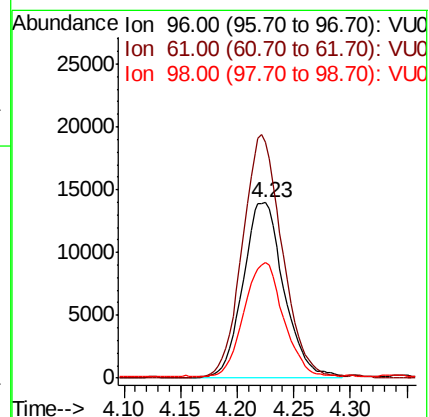
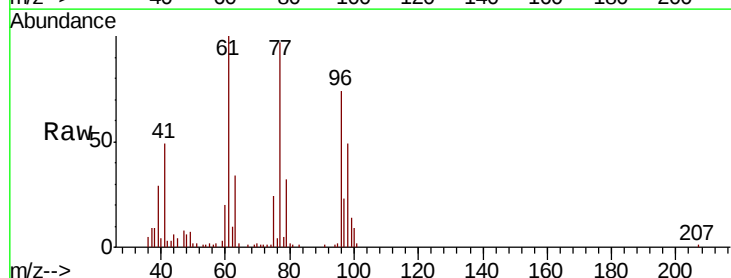
Tgt Ion: 96 Resp: 35290

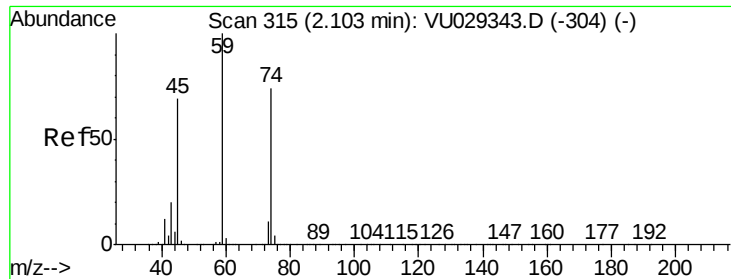
Ion Ratio Lower Upper

96 100

61 134.6 0.0 460.0

98 61.8 32.6 97.7

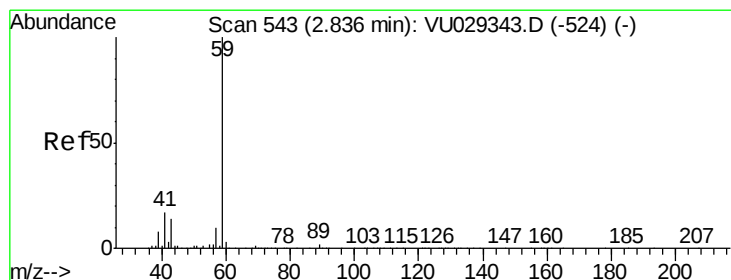
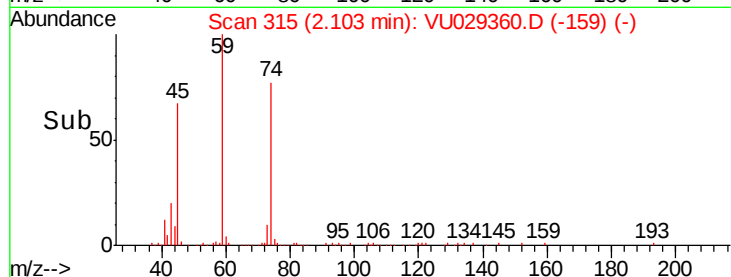
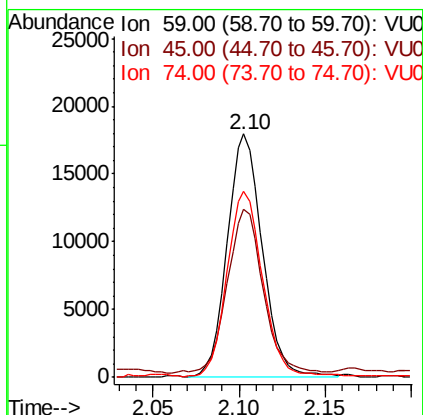
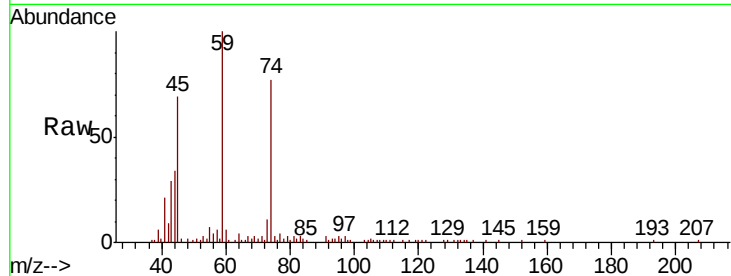




#23
Diethyl Ether
Concen: 1.980 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

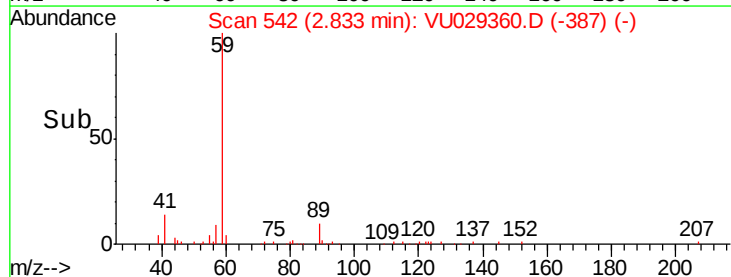
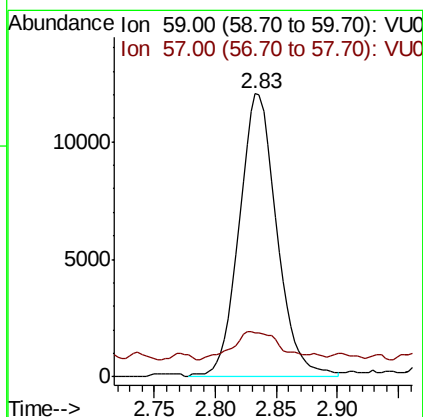
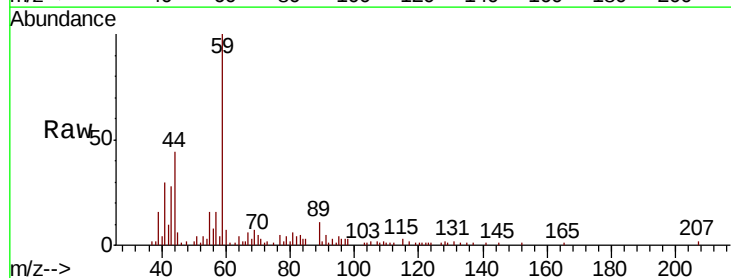
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBS01

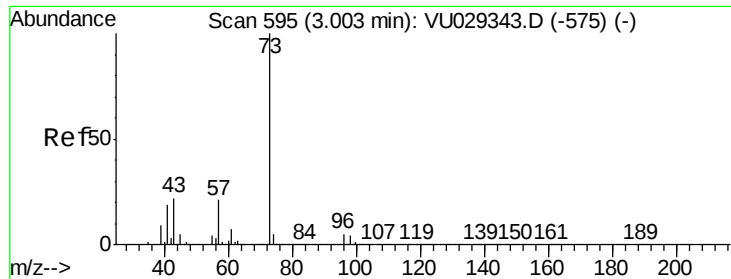
Tgt Ion: 59 Resp: 25573
Ion Ratio Lower Upper
59 100
45 68.4 64.2 96.4
74 77.4 55.3 82.9



#24
tert-Butyl Alcohol
Concen: 19.150 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Tgt Ion: 59 Resp: 25707
Ion Ratio Lower Upper
59 100
57 12.2 8.8 13.2





#25

Methyl tert-Butyl Ether

Concen: 2.009 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

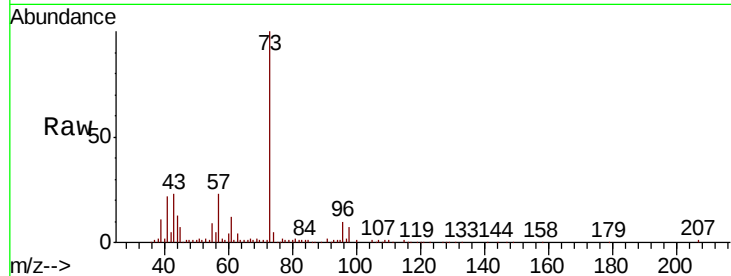
VU0206WBS01

Tgt Ion: 73 Resp: 90984

Ion Ratio Lower Upper

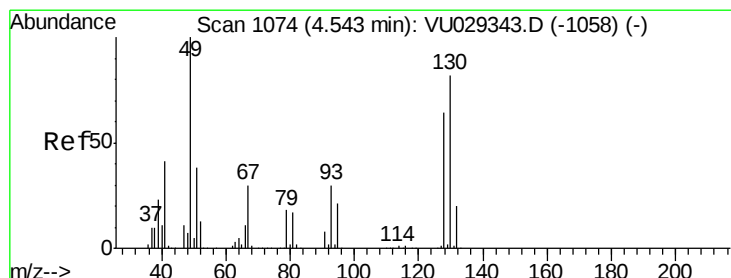
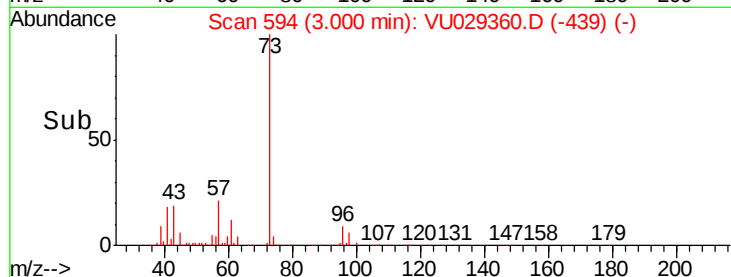
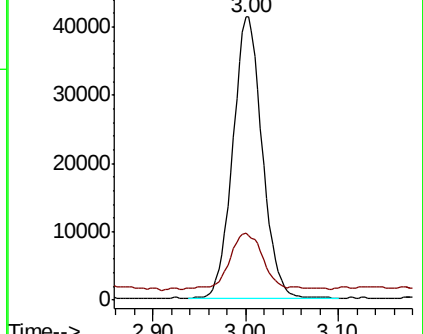
73 100

43 20.1 22.1 33.1#



Abundance Ion 73.00 (72.70 to 73.70): VU029343.D (-575) (-)

Ion 43.00 (42.70 to 43.70): VU029343.D (-575) (-)



#26

Bromochloromethane

Concen: 2.038 ug/l

RT: 4.55 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

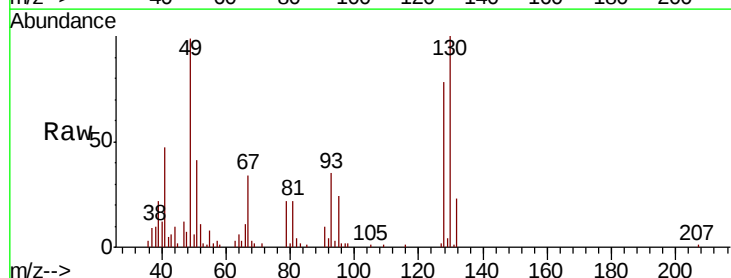
Tgt Ion: 128 Resp: 15252

Ion Ratio Lower Upper

128 100

49 136.0 0.0 401.6

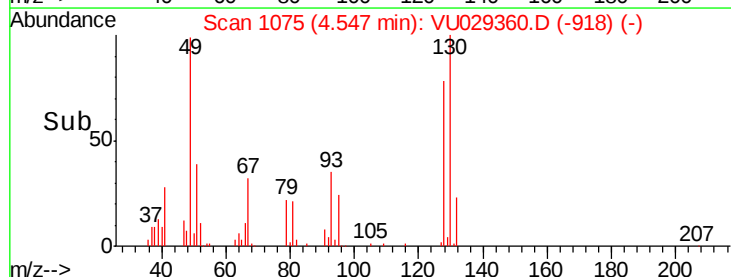
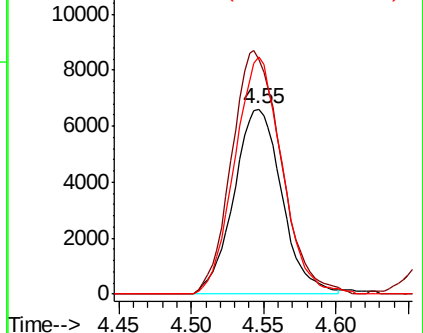
130 126.3 108.0 162.0

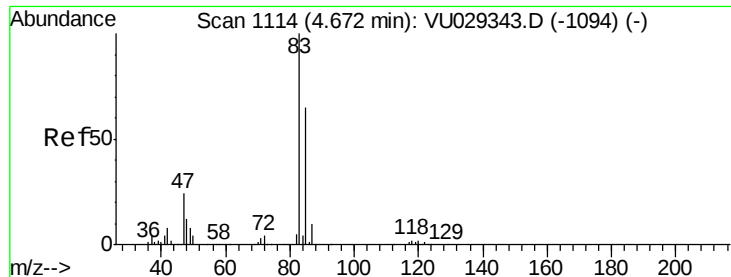


Abundance Ion 128.00 (127.70 to 128.70): VU029360.D (-918) (-)

Ion 49.00 (48.70 to 49.70): VU029360.D (-918) (-)

Ion 130.00 (129.70 to 130.70): VU029360.D (-918) (-)

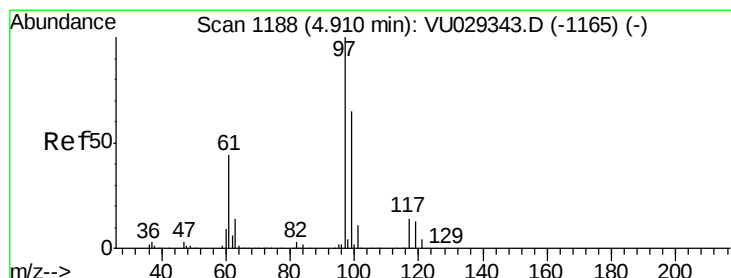
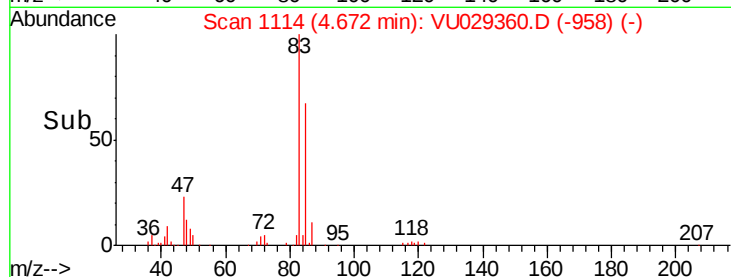
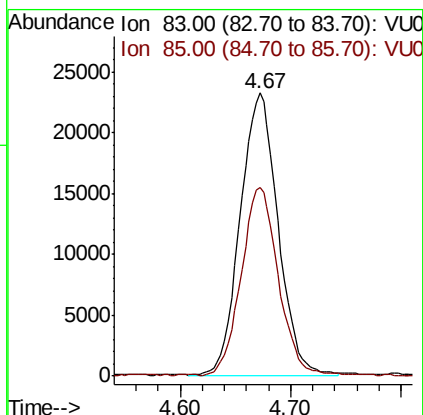
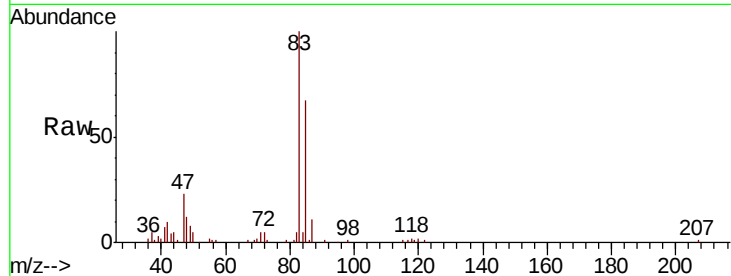




#27
Chloroform
Concen: 2.002 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

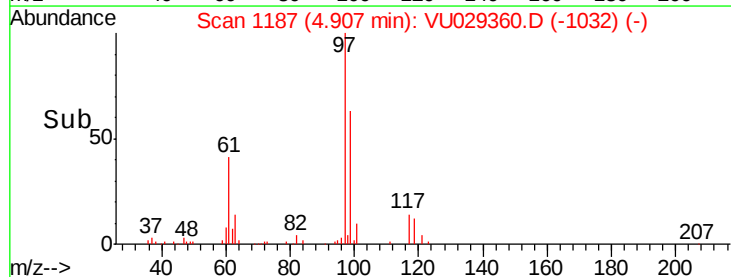
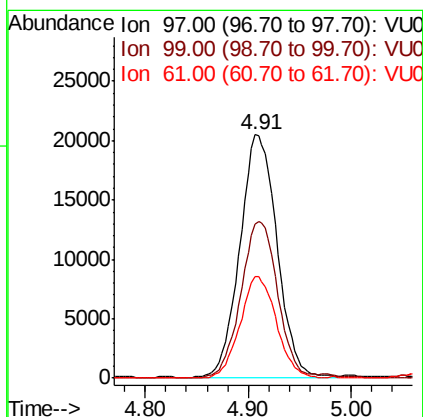
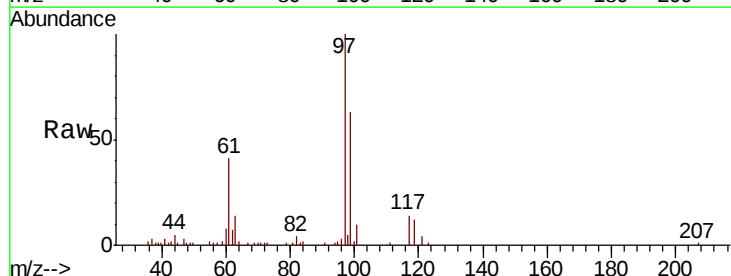
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBS01

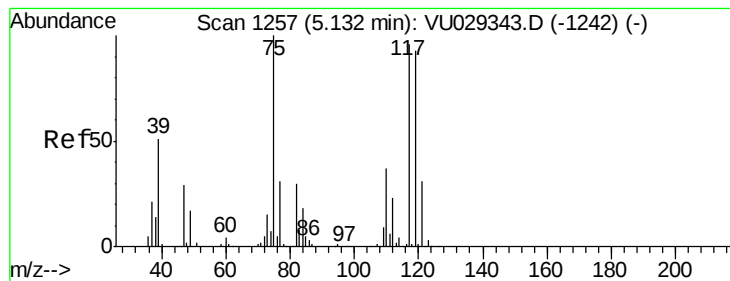
Tgt Ion: 83 Resp: 55509
Ion Ratio Lower Upper
83 100
85 66.3 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 2.010 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Tgt Ion: 97 Resp: 51657
Ion Ratio Lower Upper
97 100
99 63.3 32.4 97.2
61 40.4 24.4 73.2





#29

1,1-Dichloropropene

Concen: 1.895 ug/l

RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBS01

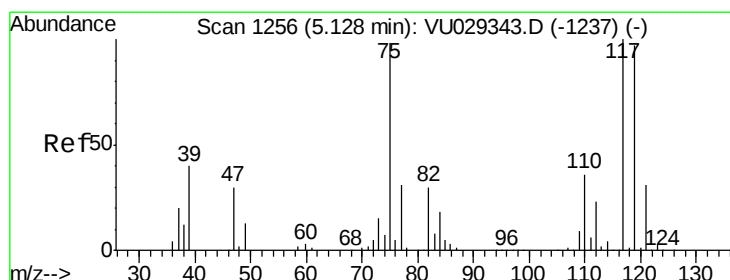
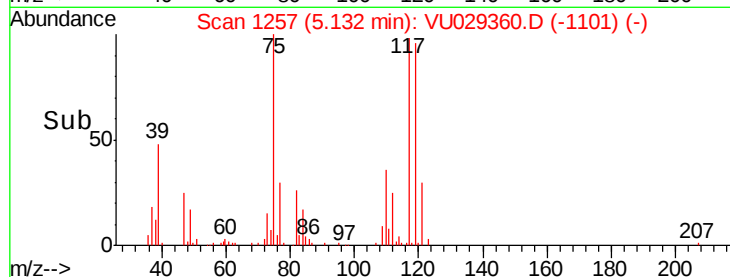
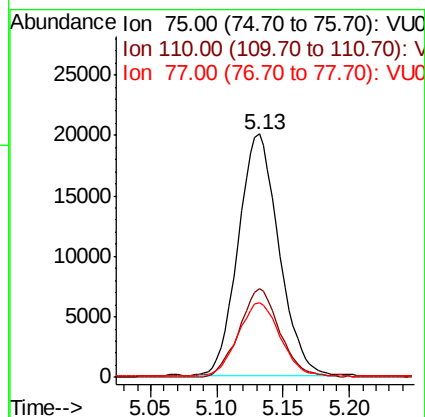
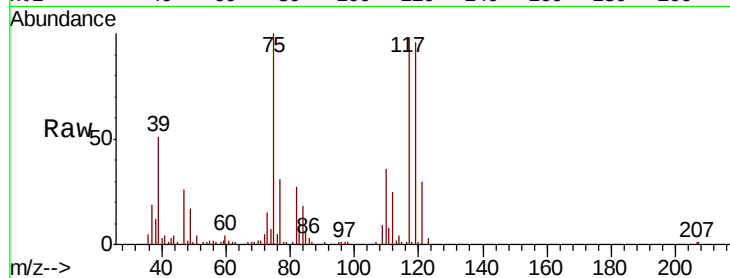
Tgt Ion: 75 Resp: 42267

Ion Ratio Lower Upper

75 100

110 37.0 15.4 46.2

77 31.6 24.1 36.1



#30

Carbon Tetrachloride

Concen: 2.019 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

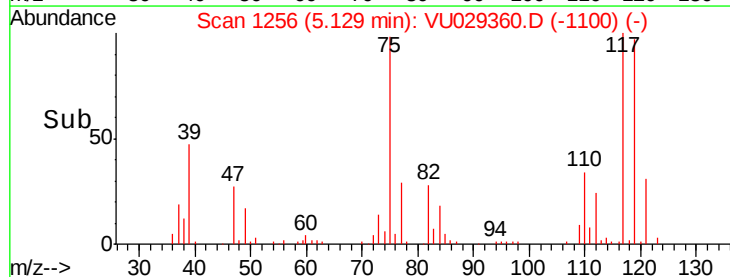
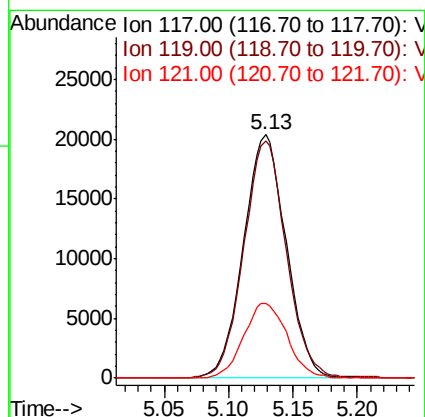
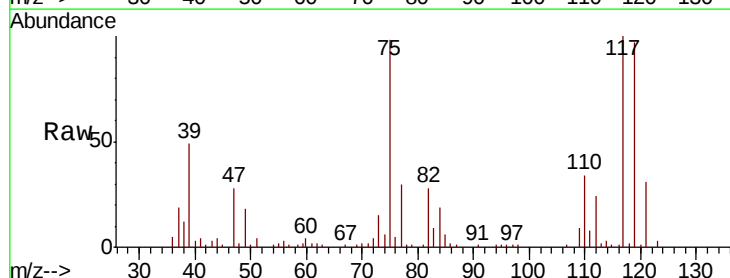
Tgt Ion: 117 Resp: 46969

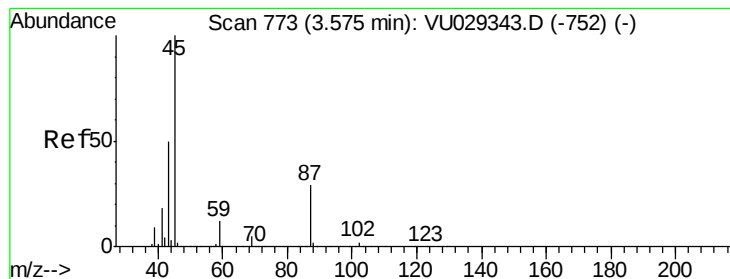
Ion Ratio Lower Upper

117 100

119 97.4 76.8 115.2

121 30.8 24.4 36.6





#31

Isopropyl Ether

Concen: 1.881 ug/l

RT: 3.58 min Scan# 773

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

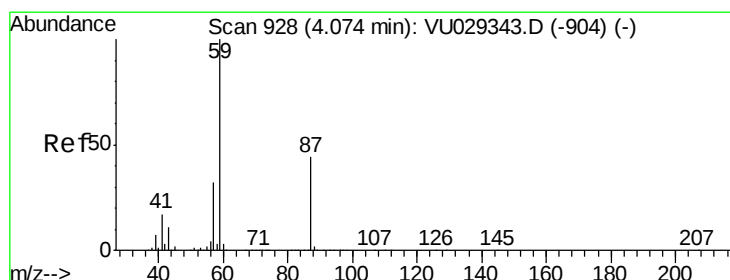
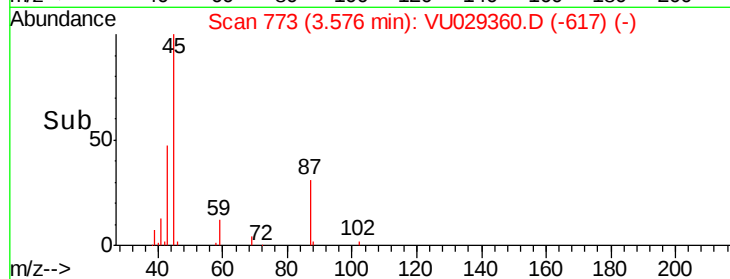
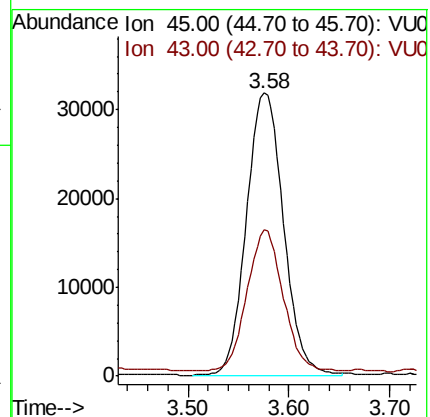
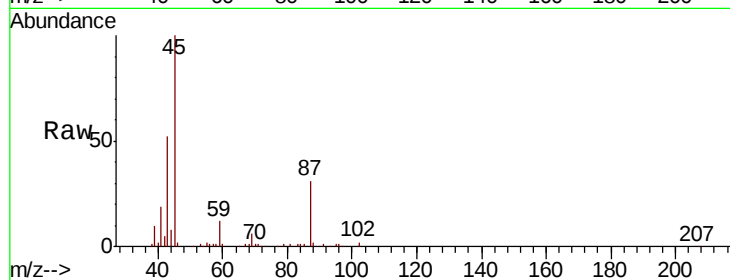
VU0206WBS01

Tgt Ion: 45 Resp: 80901

Ion Ratio Lower Upper

45 100

43 48.3 28.4 85.3



#32

Ethyl-t-butyl ether

Concen: 1.925 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU029360.D

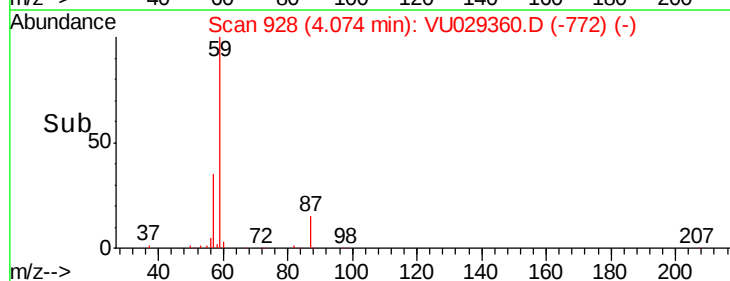
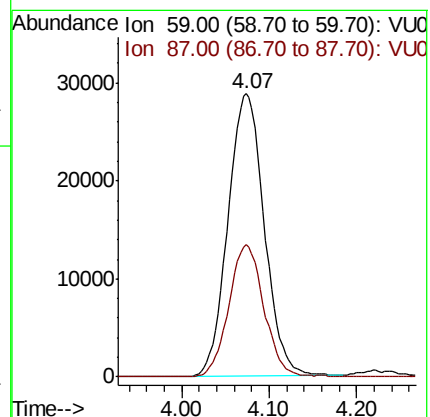
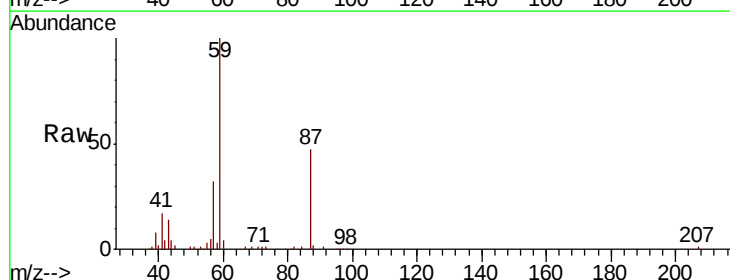
Acq: 06 Feb 2019 13:46

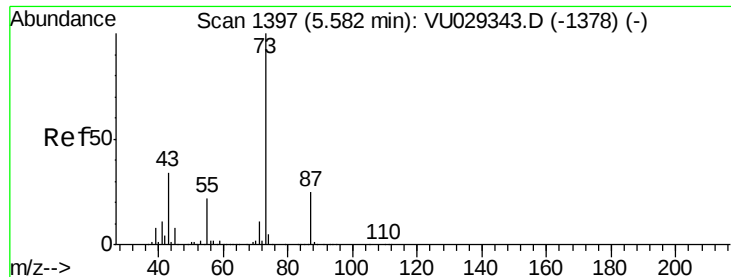
Tgt Ion: 59 Resp: 82965

Ion Ratio Lower Upper

59 100

87 44.6 31.1 46.7

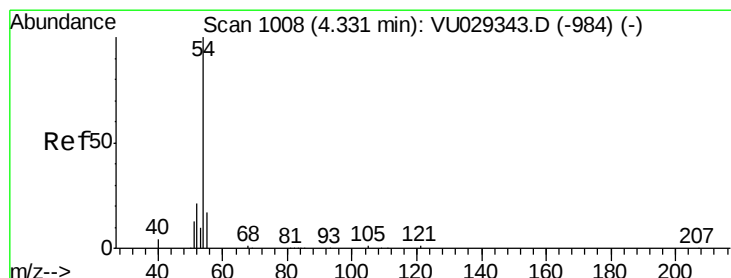
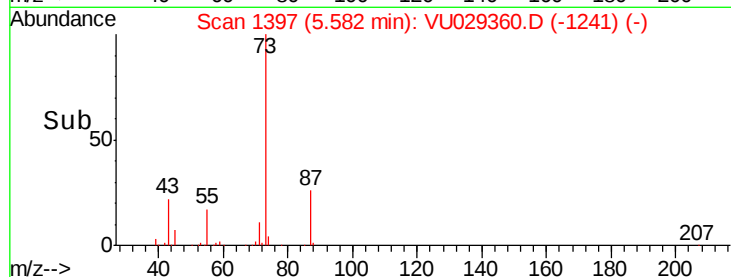
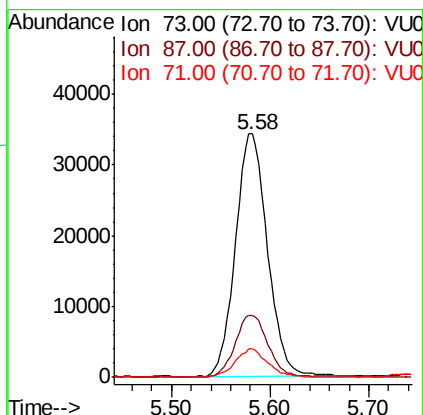
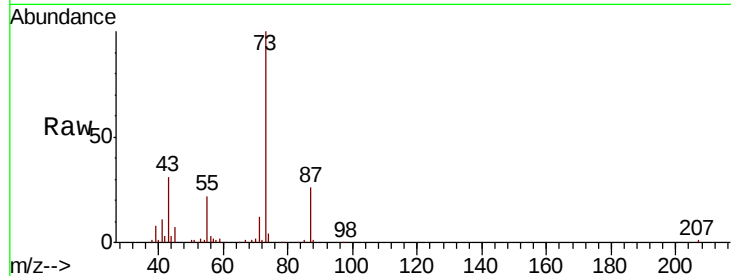




#33
Tert-Amyl methyl ether
Concen: 1.977 ug/l
RT: 5.58 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

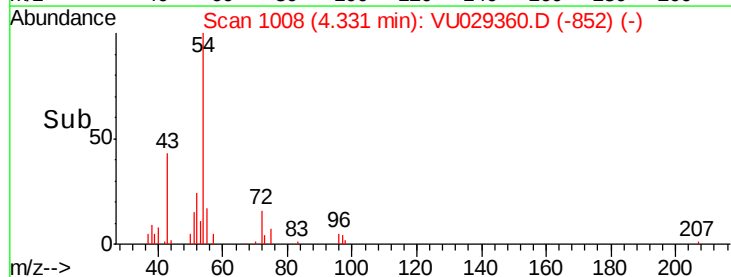
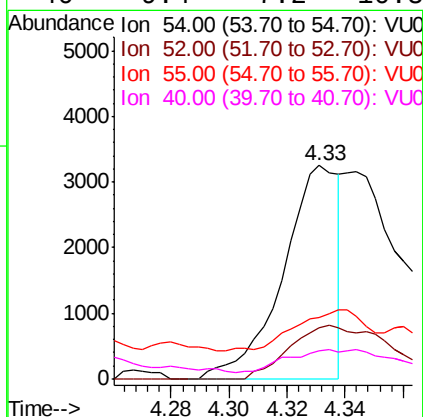
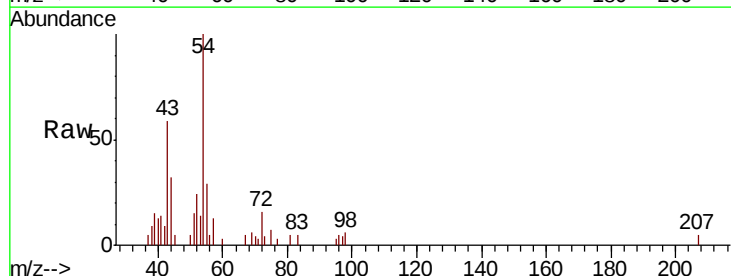
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBS01

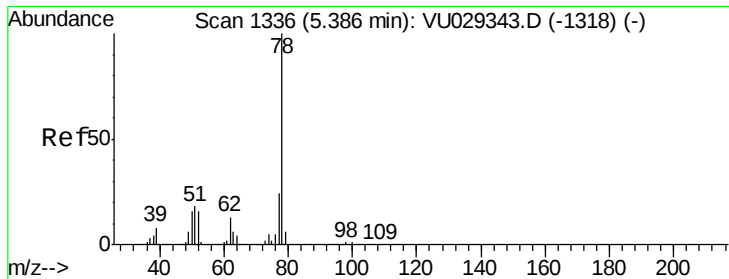
Tgt Ion: 73 Resp: 77046
Ion Ratio Lower Upper
73 100
87 26.3 19.4 29.0
71 12.2 9.0 13.4



#34
Propionitrile
Concen: 4.261 ug/l
RT: 4.33 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Tgt Ion: 54 Resp: 4349
Ion Ratio Lower Upper
54 100
52 45.2 18.9 28.3#
55 21.6 15.1 22.7
40 9.4 7.2 10.8





#35

Benzene

Concen: 1.943 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

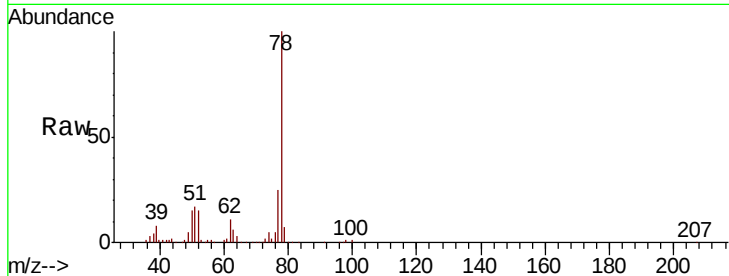
VU0206WBS01

Tgt Ion: 78 Resp: 119844

Ion Ratio Lower Upper

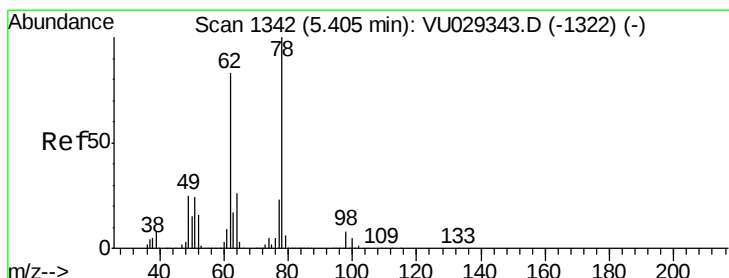
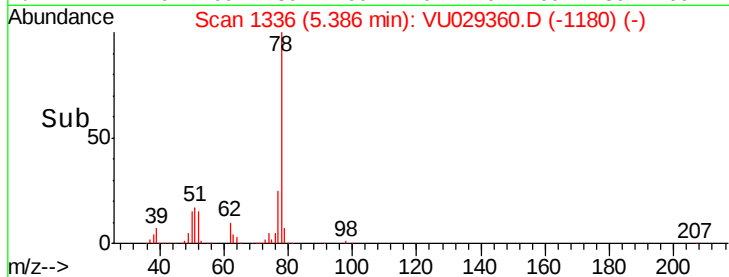
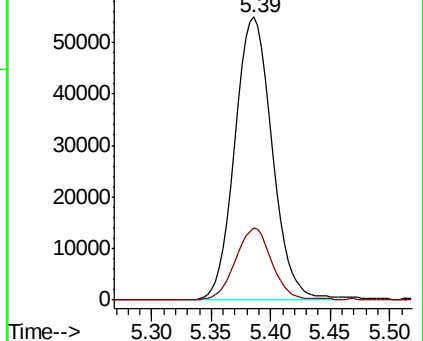
78 100

77 25.1 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU029343.D (-1318) (-)

Ion 77.00 (76.70 to 77.70): VU029343.D (-1318) (-)



#36

1,2-Dichloroethane

Concen: 1.885 ug/l

RT: 5.41 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU029360.D

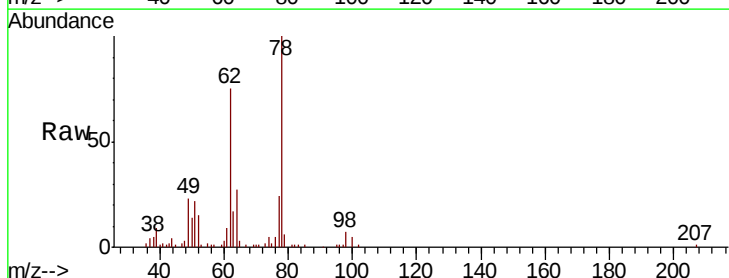
Acq: 06 Feb 2019 13:46

Tgt Ion: 62 Resp: 35168

Ion Ratio Lower Upper

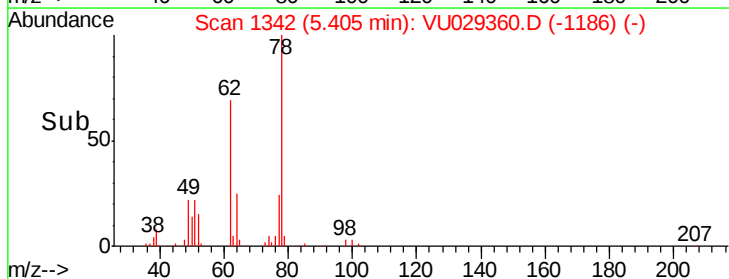
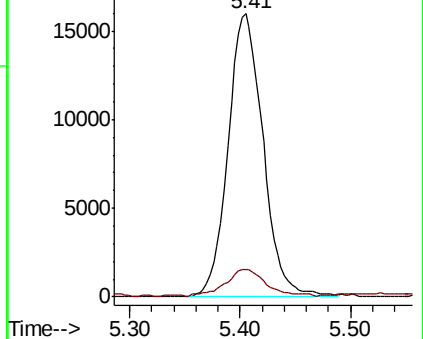
62 100

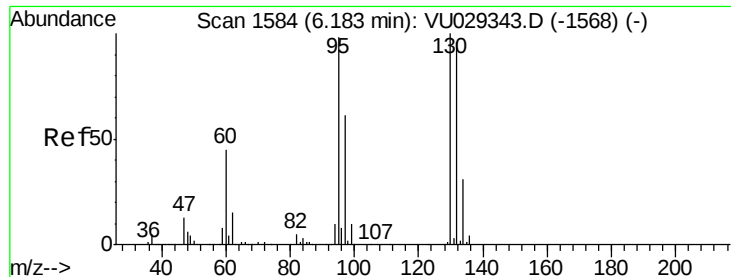
98 11.4 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU029343.D (-1322) (-)

Ion 98.00 (97.70 to 98.70): VU029343.D (-1322) (-)

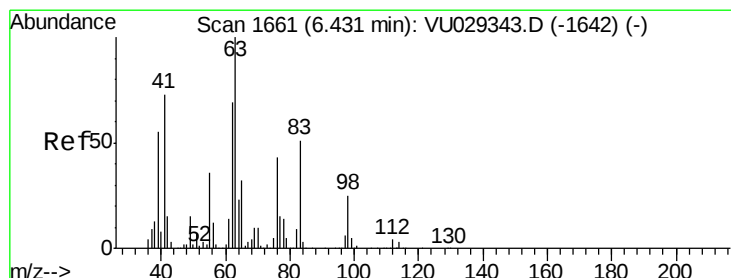
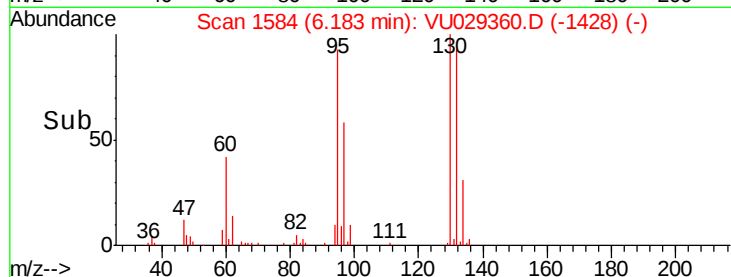
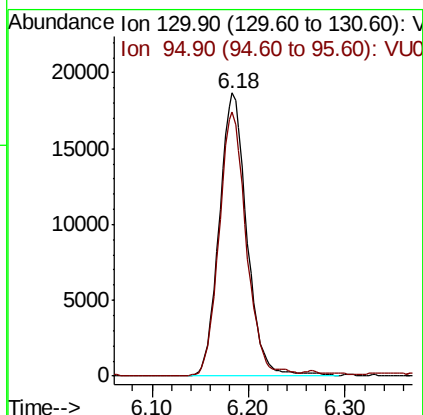
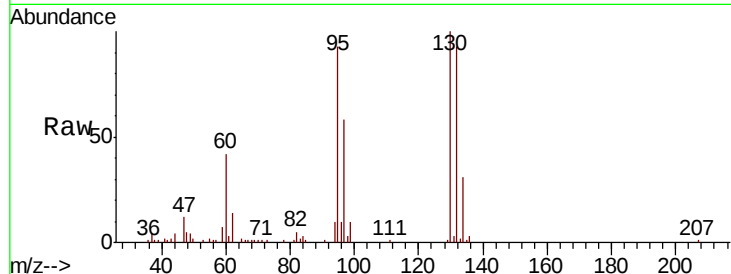




#37
 Trichloroethene
 Concen: 2.093 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

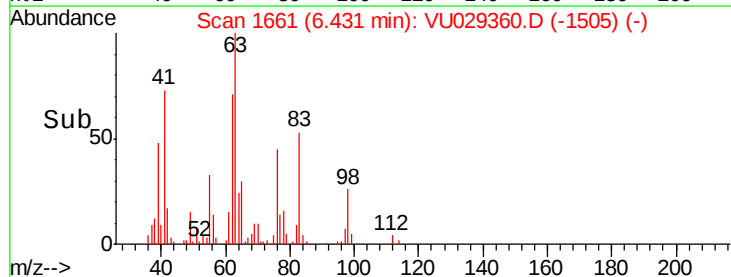
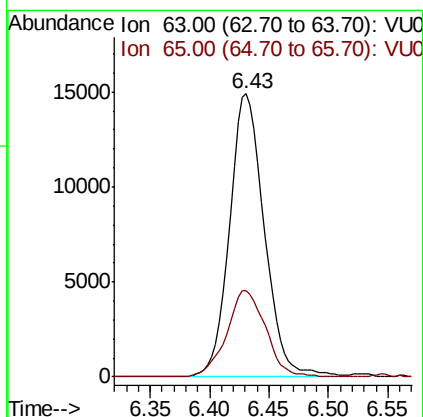
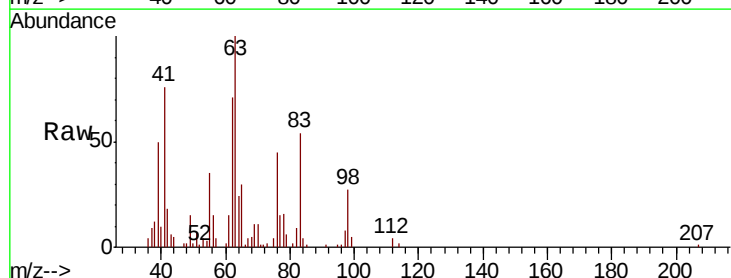
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBS01

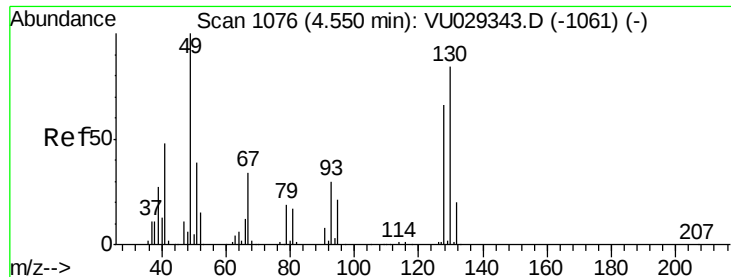
Tgt Ion:130 Resp: 37045
 Ion Ratio Lower Upper
 130 100
 95 93.4 85.4 128.0



#38
 1,2-Dichloropropane
 Concen: 1.881 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Tgt Ion: 63 Resp: 30177
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.5 38.3

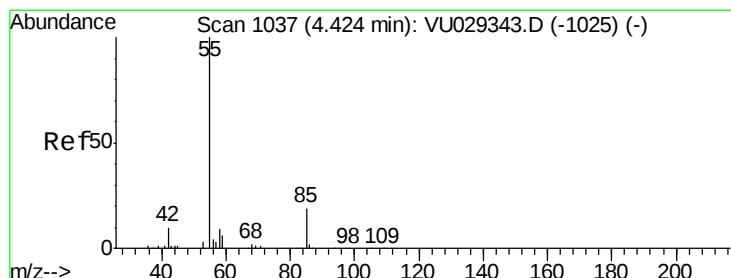
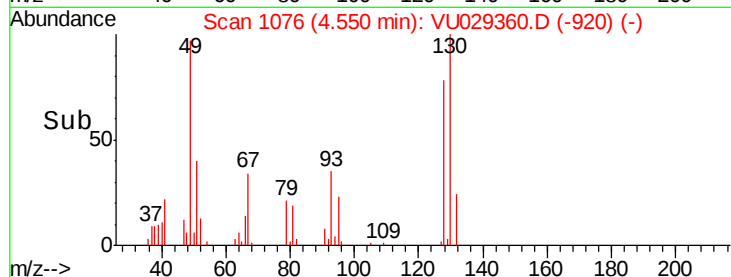
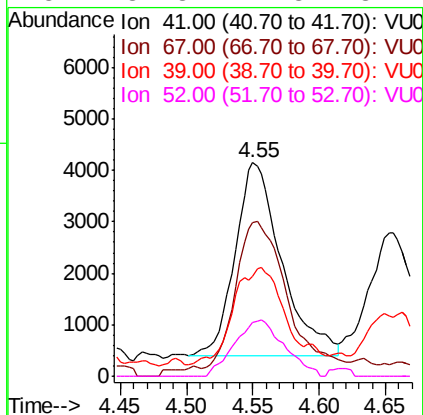
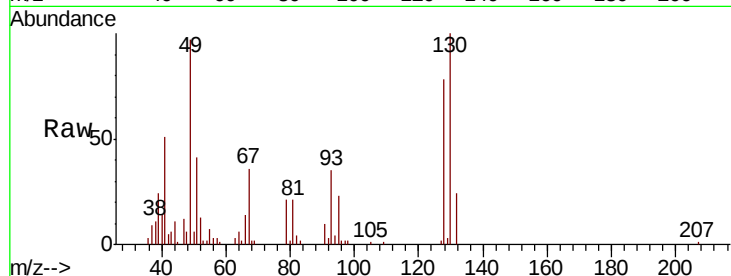




#39
Methacrylonitrile
Concen: 1.739 ug/l
RT: 4.55 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

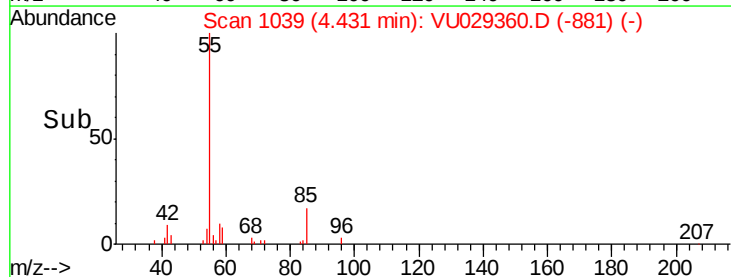
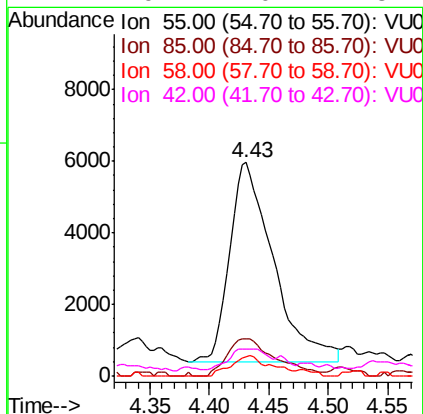
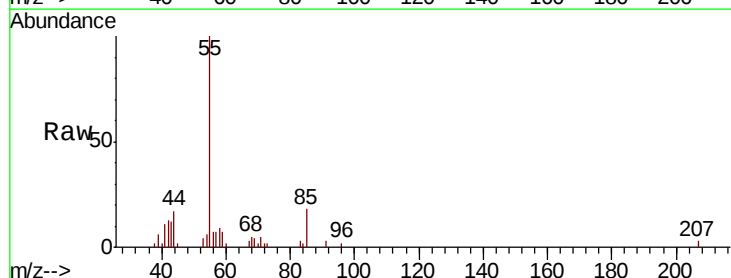
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBS01

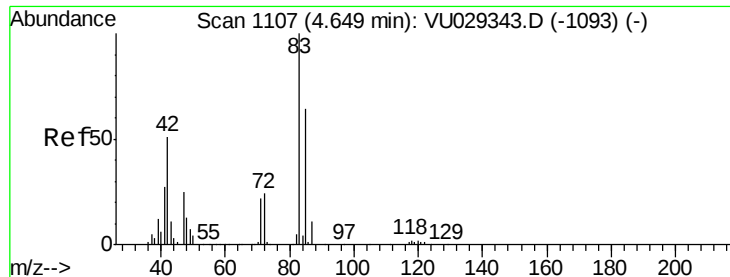
Tgt Ion:	41	Resp:	9088
Ion	Ratio	Lower	Upper
41	100		
67	85.9	50.1	75.1#
39	53.4	47.9	71.9
52	31.3	24.8	37.2



#40
Methyl acrylate
Concen: 1.804 ug/l
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Tgt Ion:	55	Resp:	14232
Ion	Ratio	Lower	Upper
55	100		
85	20.6	11.3	16.9#
58	9.0	6.2	9.4
42	9.2	10.1	15.1#





#41

Tetrahydrofuran

Concen: 3.783 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBS01

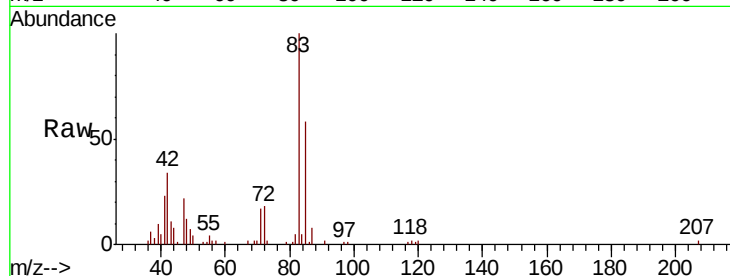
Tgt Ion: 42 Resp: 9961

Ion Ratio Lower Upper

42 100

72 49.1 33.1 49.7

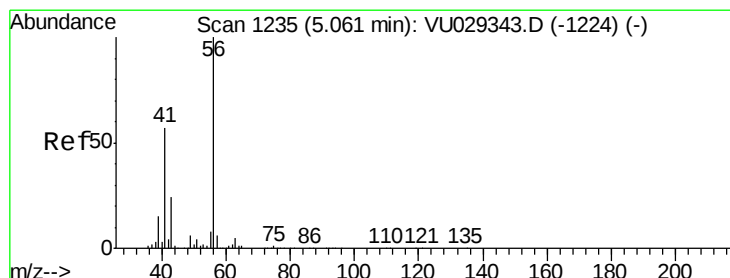
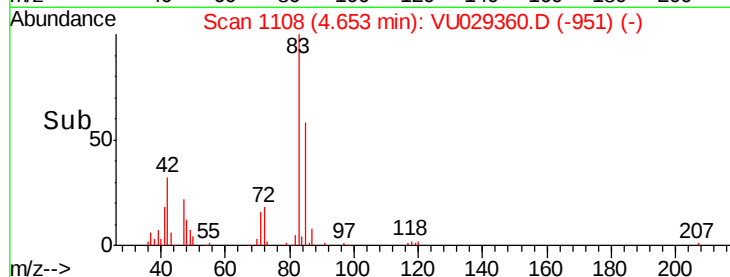
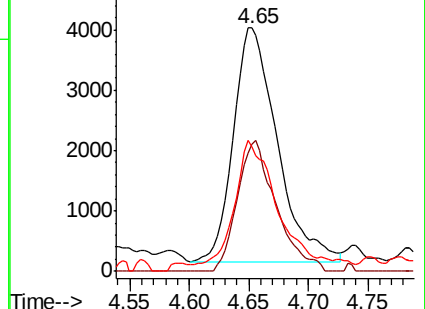
71 50.0 30.2 45.2#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 1.844 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VU029360.D

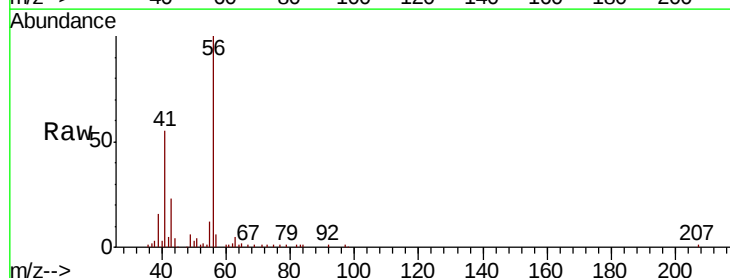
Acq: 06 Feb 2019 13:46

Tgt Ion: 56 Resp: 55115

Ion Ratio Lower Upper

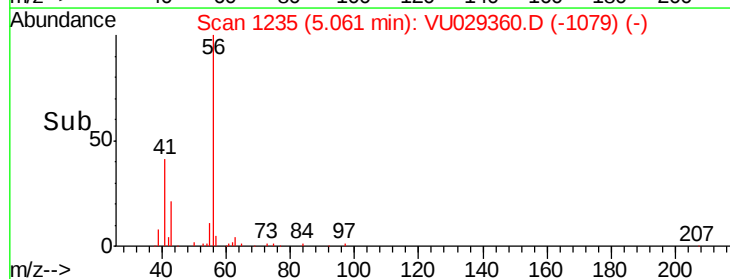
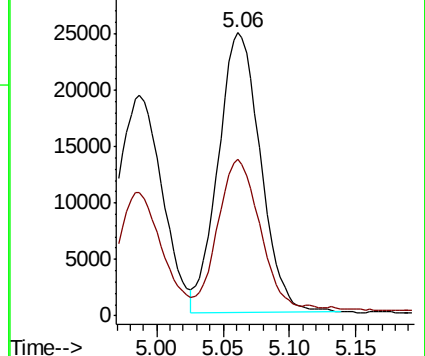
56 100

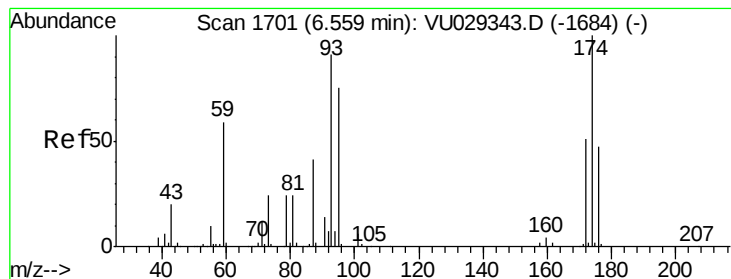
41 52.7 31.3 93.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.889 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBS01

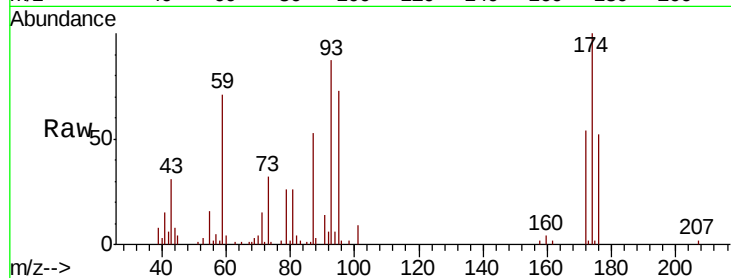
Tgt Ion: 93 Resp: 16153

Ion Ratio Lower Upper

93 100

95 87.5 68.2 102.2

174 118.0 77.6 116.4#

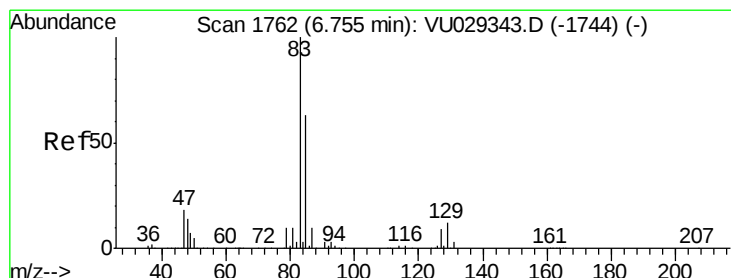
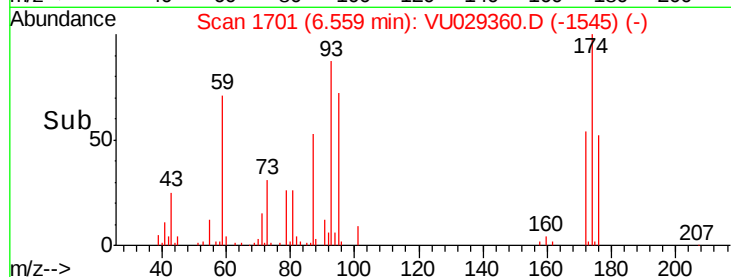
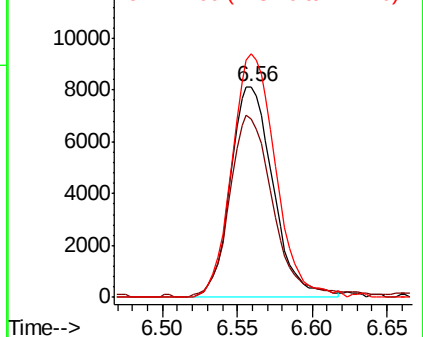


Abundance

Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 1.961 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

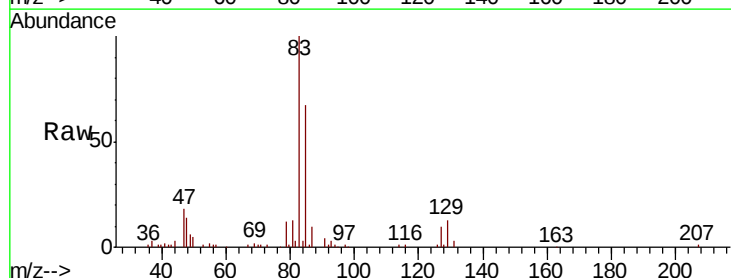
Tgt Ion: 83 Resp: 42736

Ion Ratio Lower Upper

83 100

85 66.5 49.2 73.8

127 11.1 7.0 10.6#

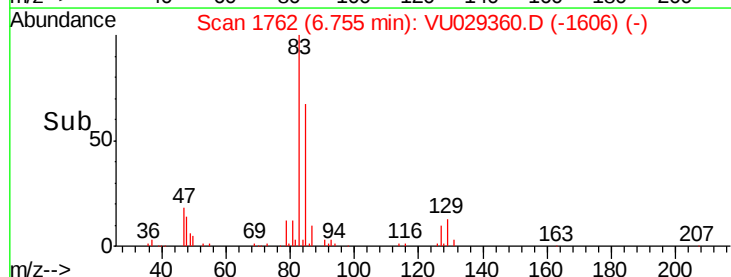
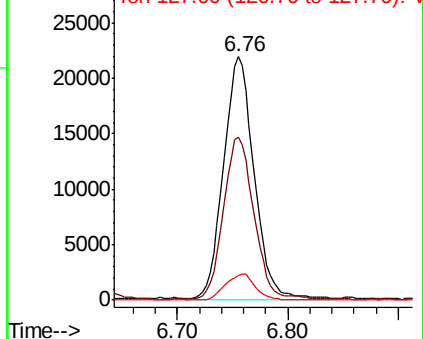


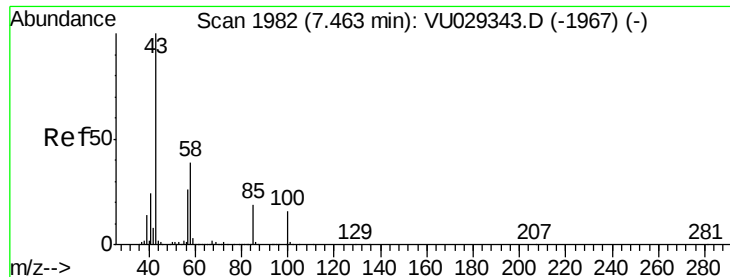
Abundance

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): V

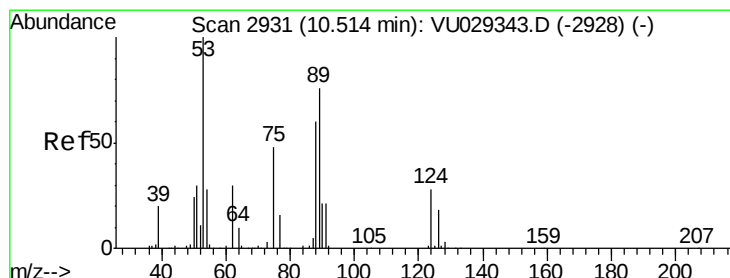
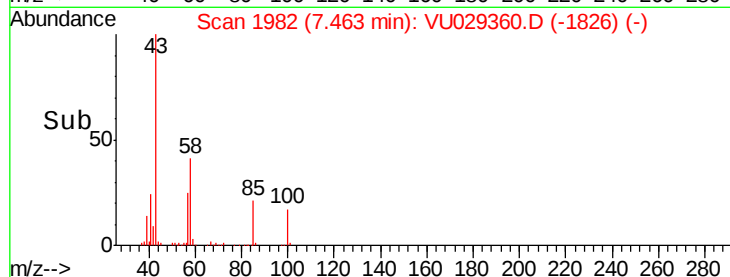
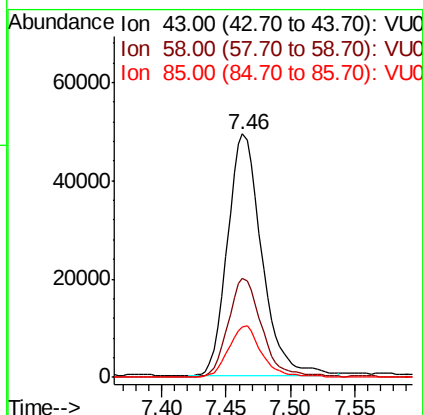
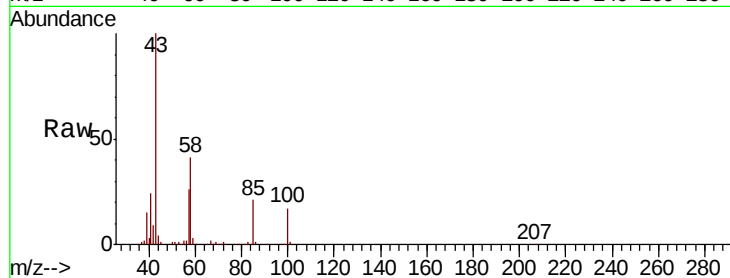




#45
 4-Methyl-2-Pentanone
 Concen: 9.032 ug/l
 RT: 7.46 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

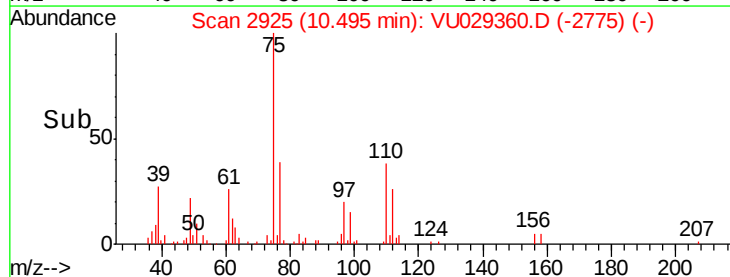
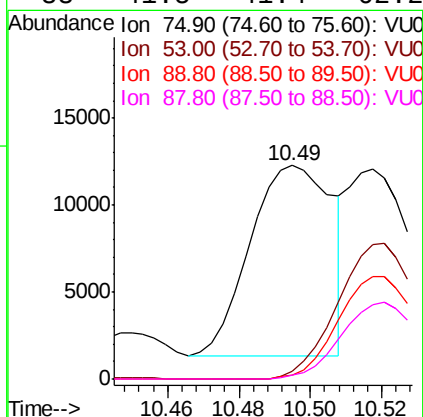
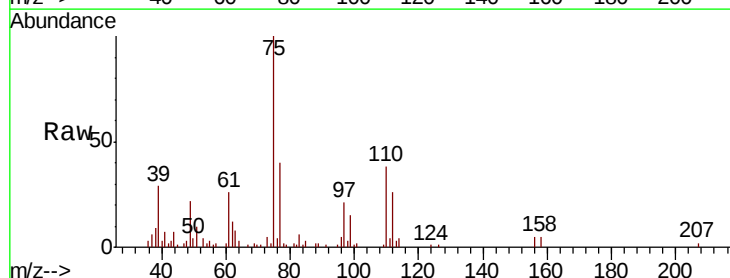
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBS01

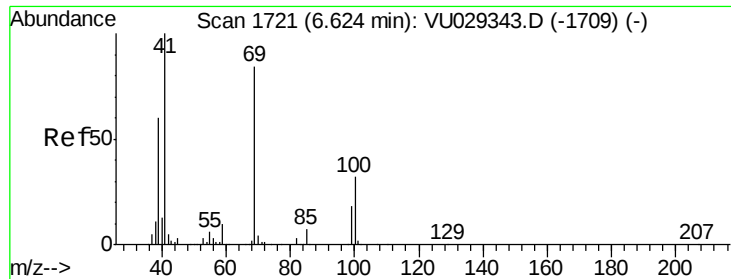
Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.9	17.6	52.8
85	20.8	12.3	18.5#



#46
 t-1,4-Dichloro-2-butene
 Concen: 3.559 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. -0.02 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
75	100		
53	75.6	78.2	117.4#
89	56.0	44.2	66.4
88	41.5	41.4	62.2

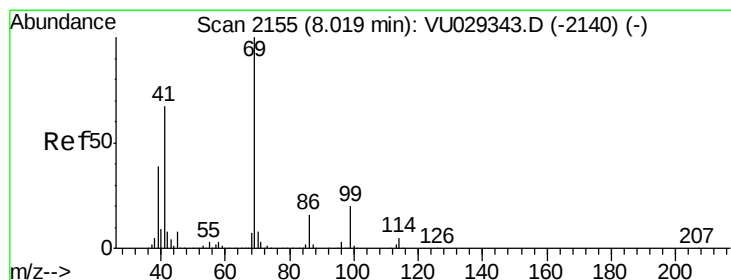
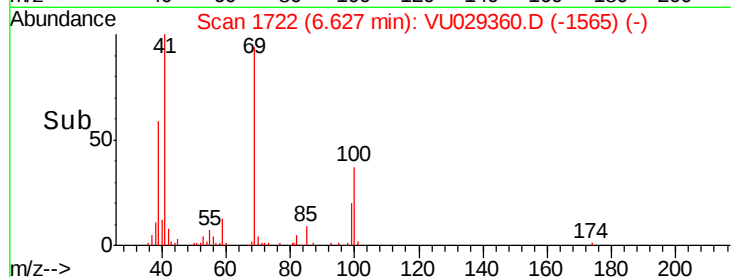
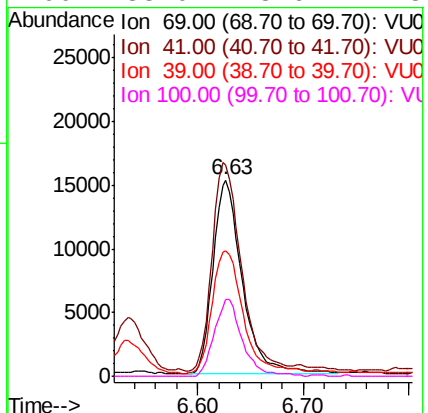
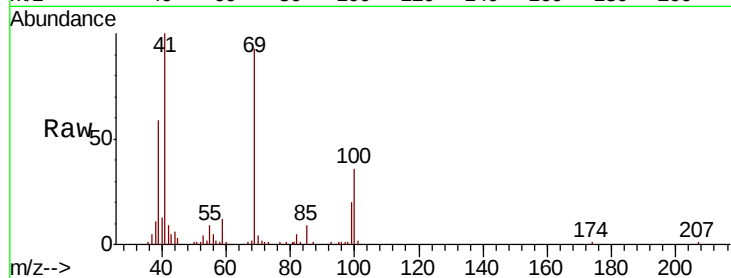




#47
Methyl methacrylate
Concen: 3.890 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

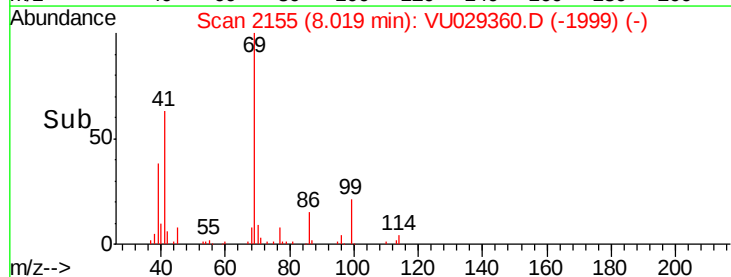
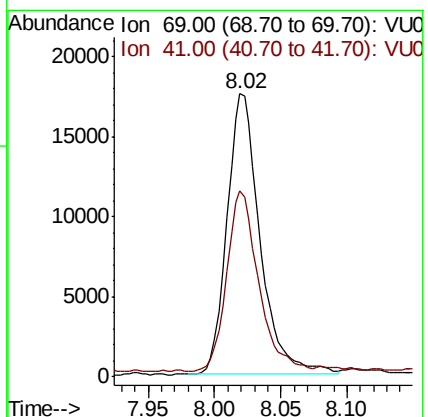
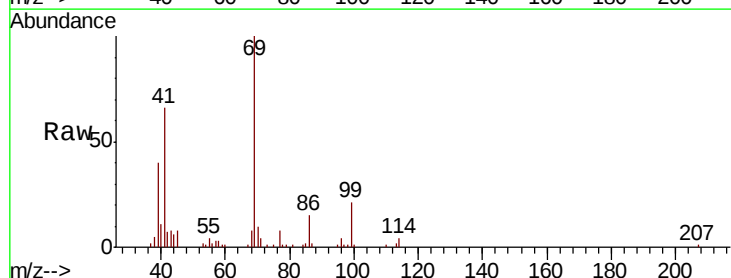
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBS01

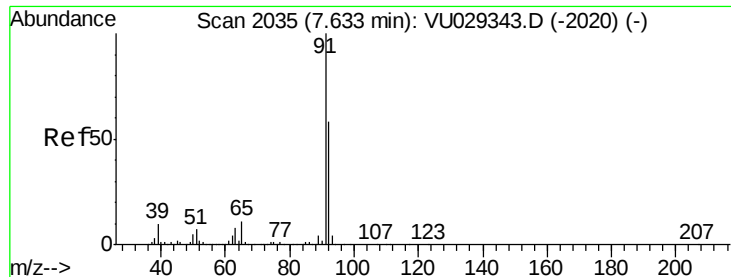
Tgt Ion: 69 Resp: 29269
Ion Ratio Lower Upper
69 100
41 106.7 0.0 296.2
39 67.4 71.2 106.8#
100 38.0 28.6 42.8



#48
Ethyl methacrylate
Concen: 1.888 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Tgt Ion: 69 Resp: 30472
Ion Ratio Lower Upper
69 100
41 62.0 39.9 119.7





#49

Toluene

Concen: 1.957 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

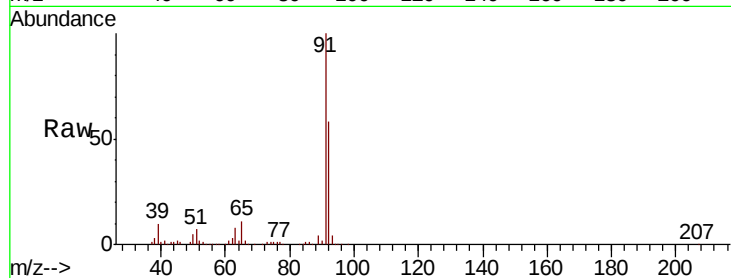
VU0206WBS01

Tgt Ion: 92 Resp: 77248

Ion Ratio Lower Upper

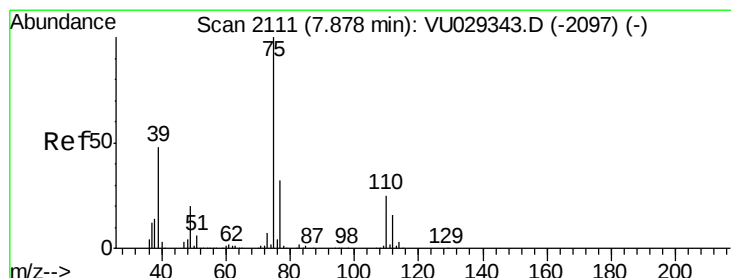
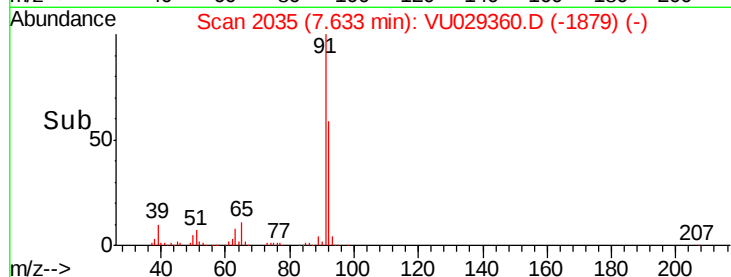
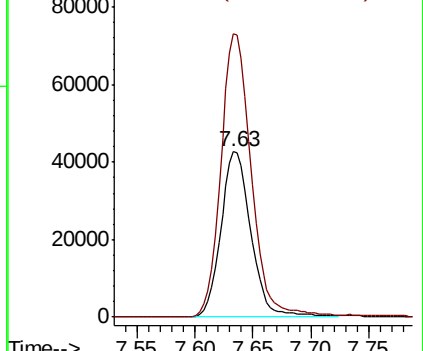
92 100

91 171.5 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 1.917 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029360.D

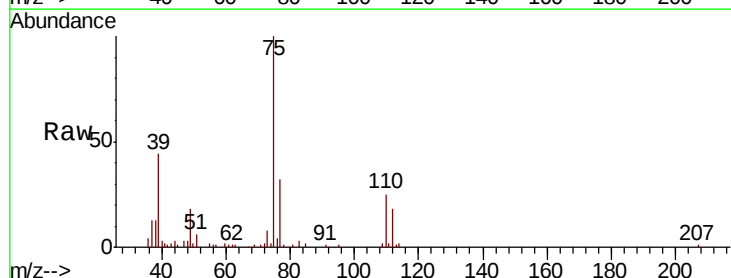
Acq: 06 Feb 2019 13:46

Tgt Ion: 75 Resp: 40939

Ion Ratio Lower Upper

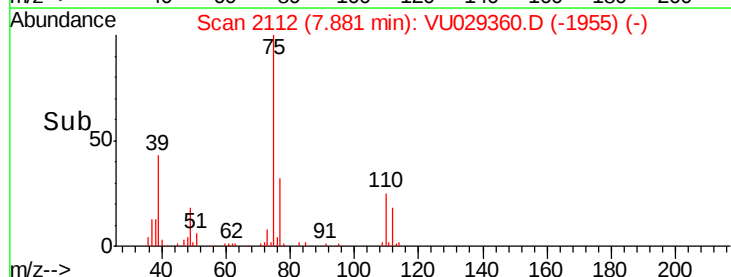
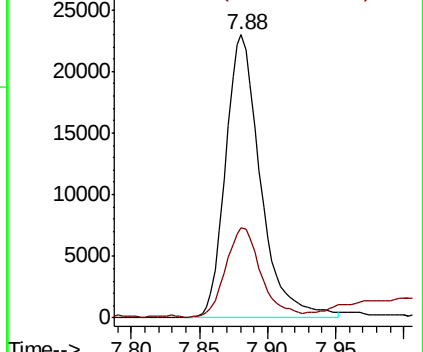
75 100

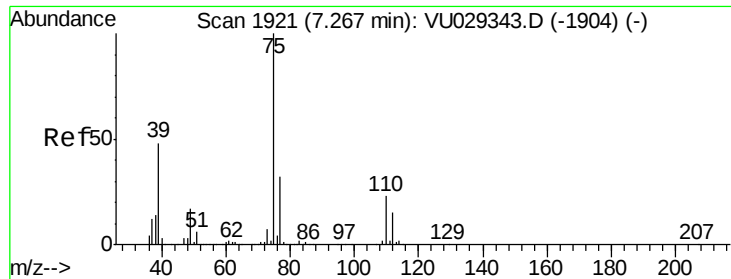
77 32.0 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



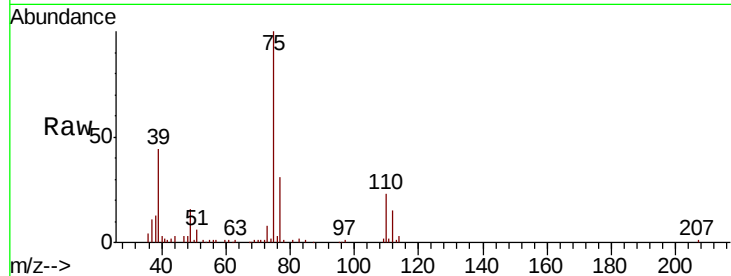


#51

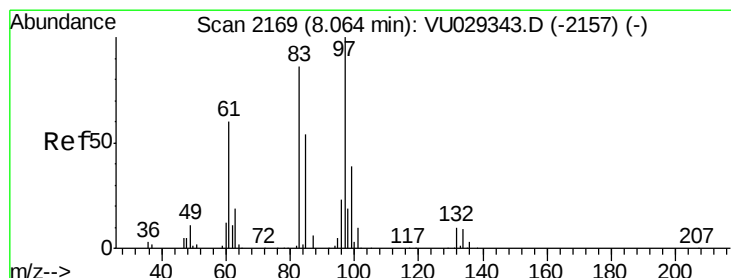
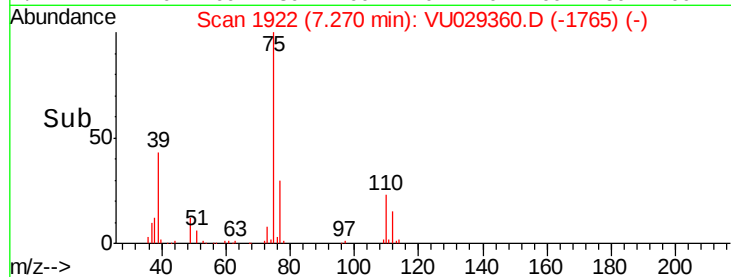
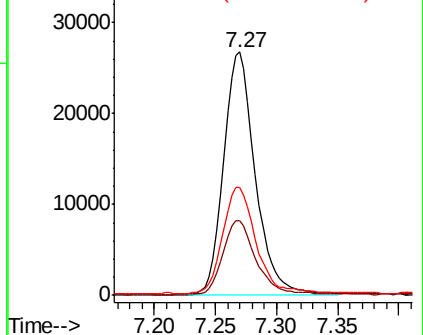
cis-1,3-Dichloropropene
Concen: 1.930 ug/l
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBS01

Tgt Ion: 75 Resp: 48968
Ion Ratio Lower Upper
75 100
77 30.1 24.9 37.3
39 43.2 47.2 70.8#



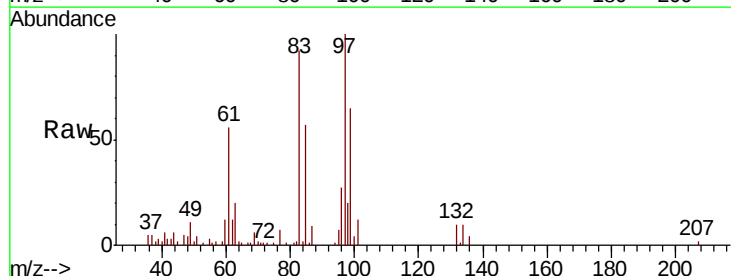
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



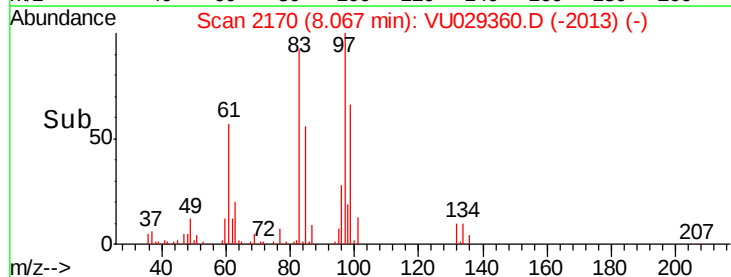
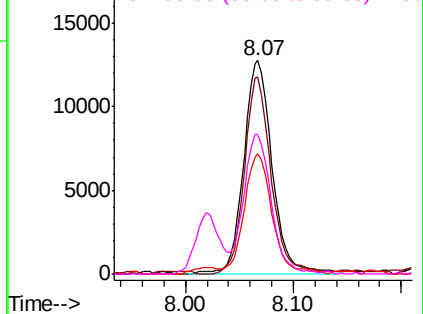
#52

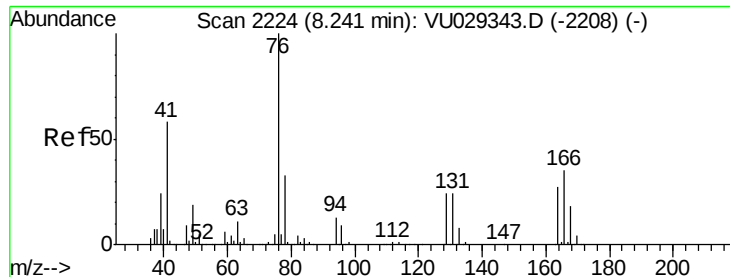
1,1,2-Trichloroethane
Concen: 2.080 ug/l
RT: 8.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Tgt Ion: 97 Resp: 23544
Ion Ratio Lower Upper
97 100
83 91.2 69.9 104.9
85 55.6 45.8 68.6
99 65.2 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

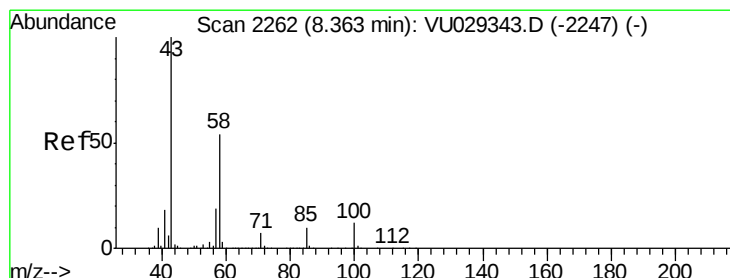
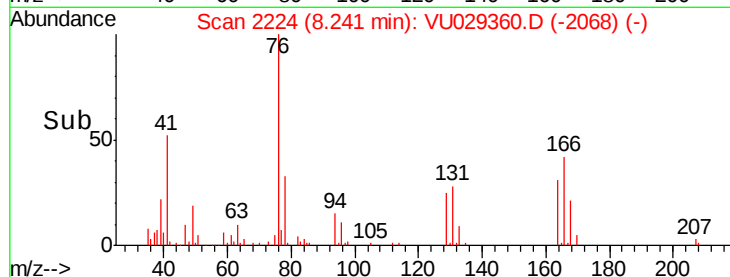
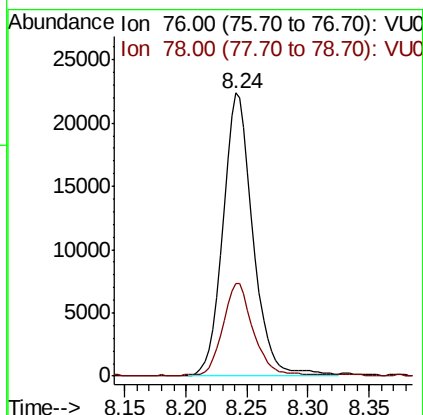
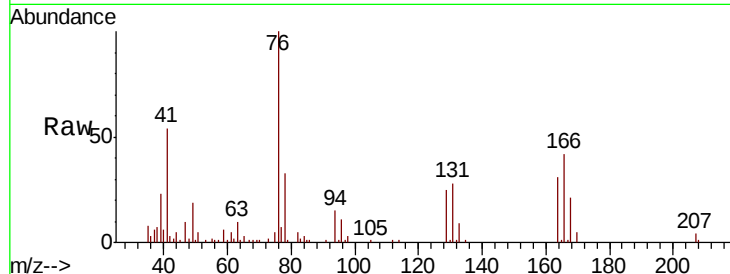




#53
 1,3-Dichloropropane
 Concen: 1.942 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

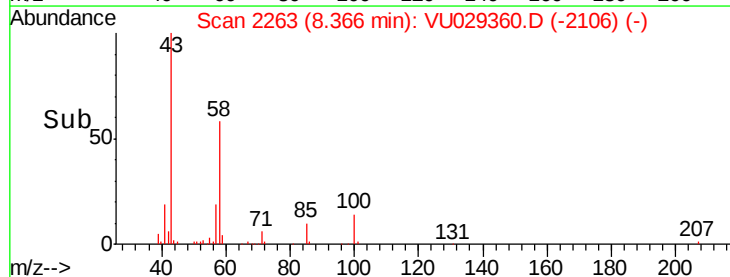
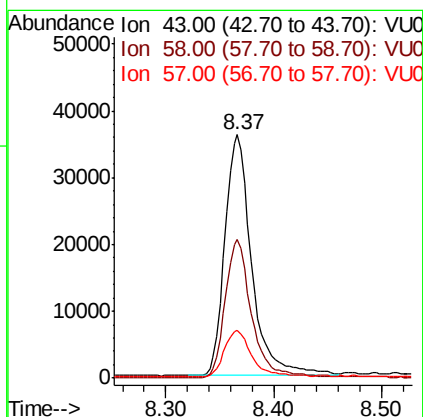
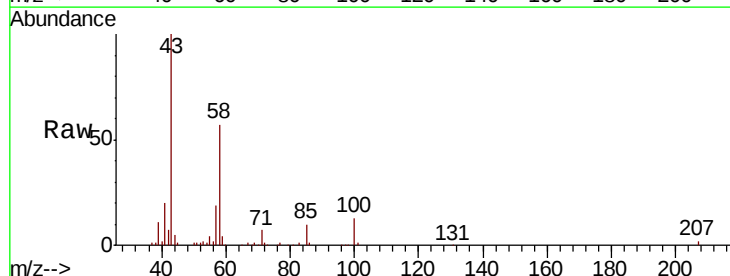
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBS01

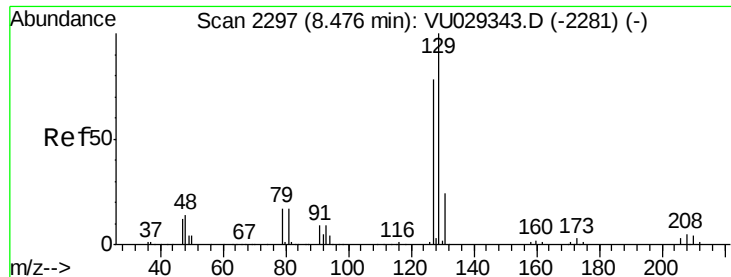
Tgt Ion: 76 Resp: 38612
 Ion Ratio Lower Upper
 76 100
 78 33.6 26.3 39.5



#54
 2-Hexanone
 Concen: 8.934 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Tgt Ion: 43 Resp: 62773
 Ion Ratio Lower Upper
 43 100
 58 57.1 26.0 66.0
 57 19.6 0.0 37.7





#55

Dibromochloromethane

Concen: 2.015 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

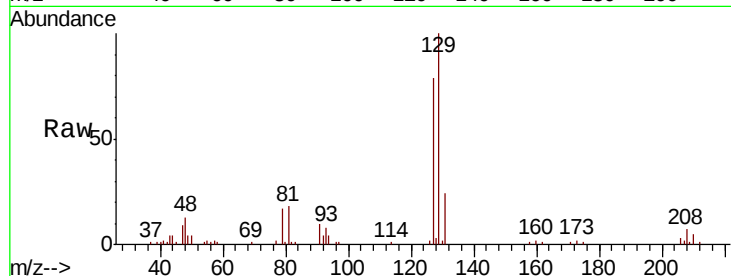
VU0206WBS01

Tgt Ion:129 Resp: 32425

Ion Ratio Lower Upper

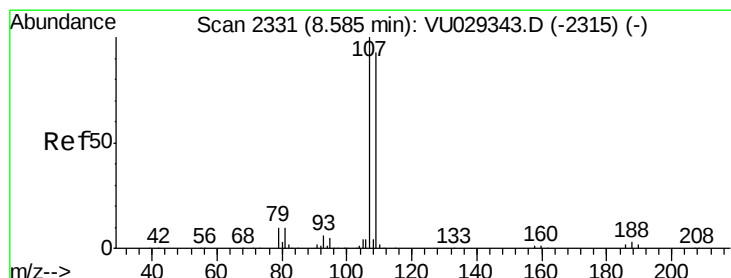
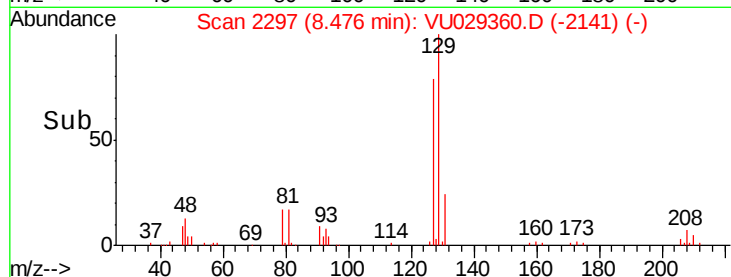
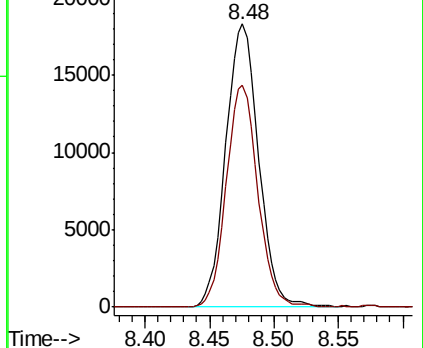
129 100

127 75.2 60.5 90.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.940 ug/l

RT: 8.58 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU029360.D

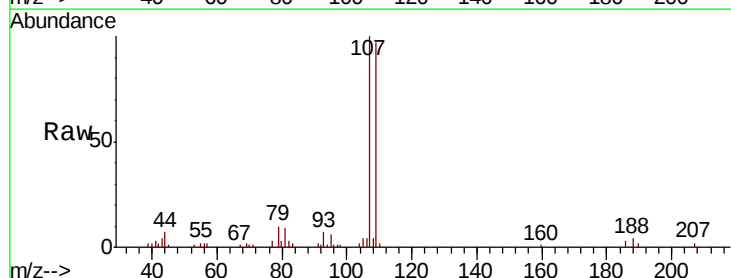
Acq: 06 Feb 2019 13:46

Tgt Ion:107 Resp: 22536

Ion Ratio Lower Upper

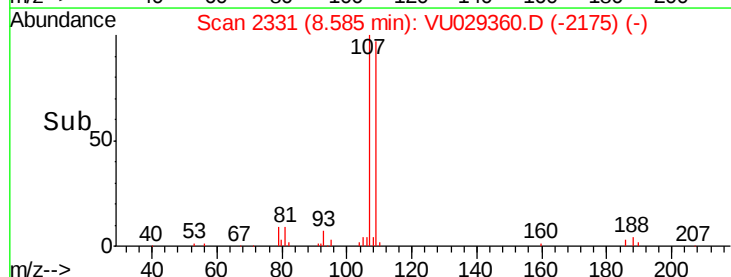
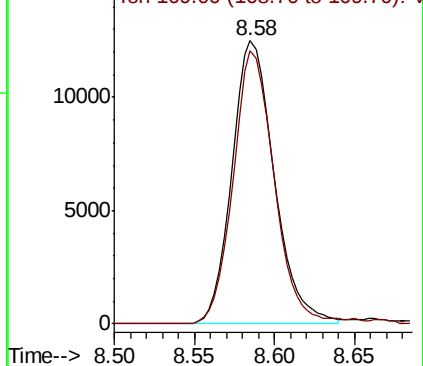
107 100

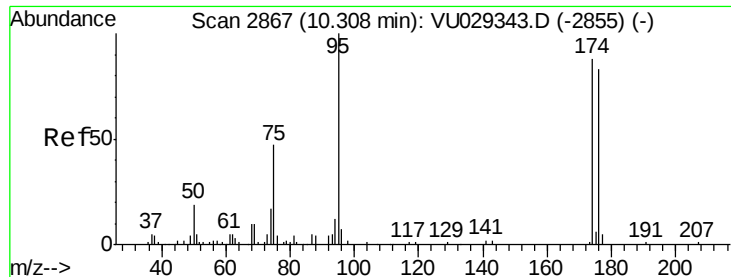
109 94.2 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

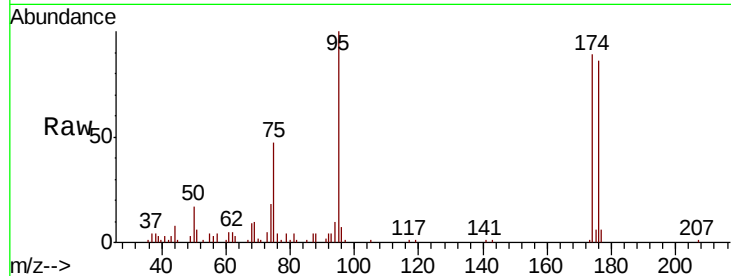




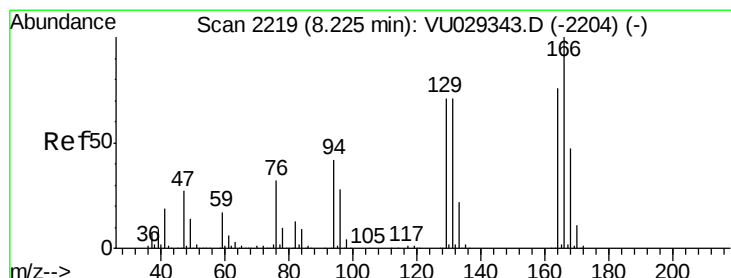
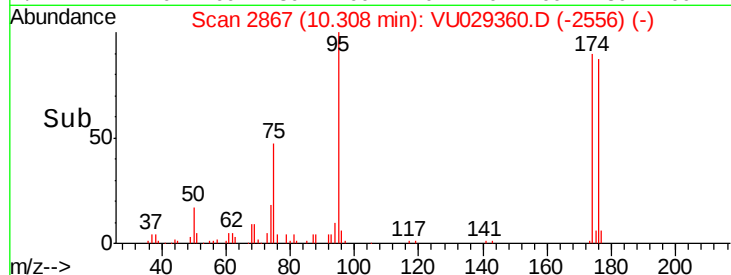
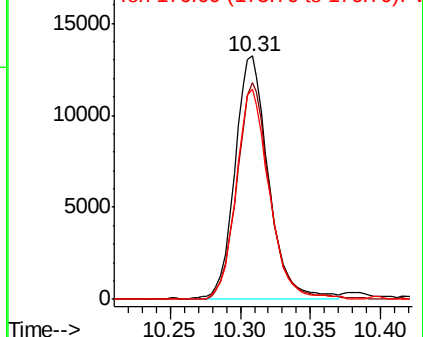
#57
4-Bromofluorobenzene
Concen: 1.940 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBS01

Tgt Ion: 95 Resp: 22104
Ion Ratio Lower Upper
95 100
174 87.5 64.2 96.2
176 85.1 62.3 93.5

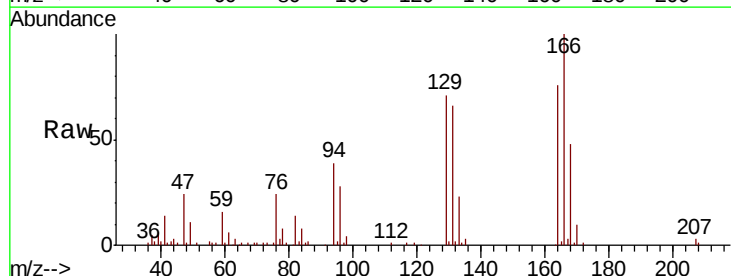


Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

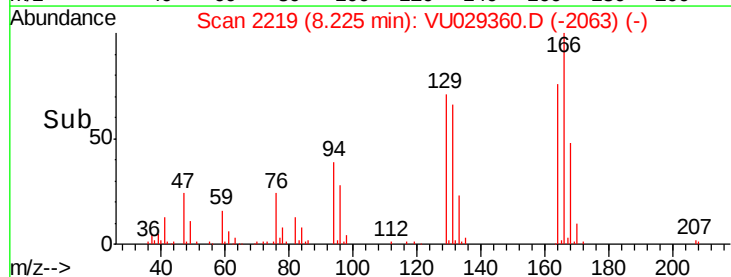
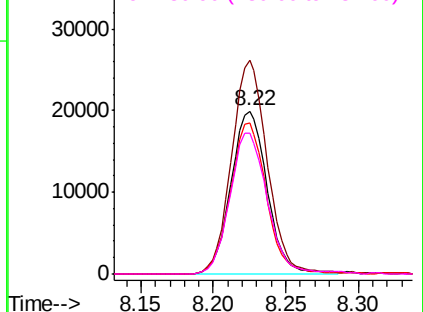


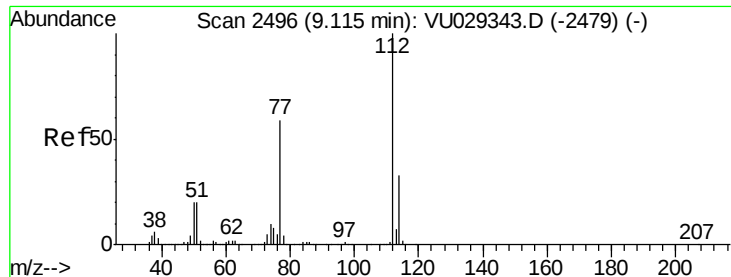
#58
Tetrachloroethene
Concen: 2.101 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Tgt Ion: 164 Resp: 34607
Ion Ratio Lower Upper
164 100
166 131.2 106.6 159.8
129 92.5 79.9 119.9
131 86.1 75.8 113.8



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





#59

Chlorobenzene

Concen: 2.044 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

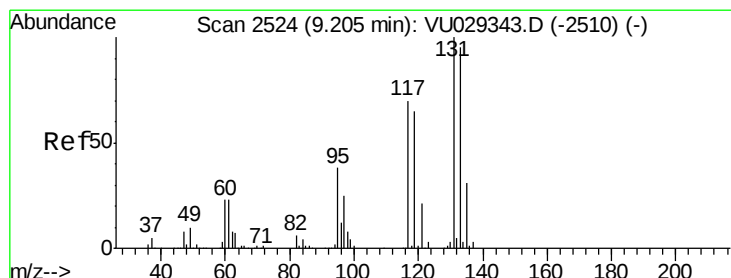
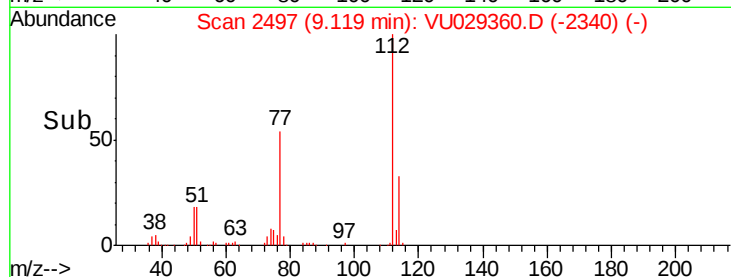
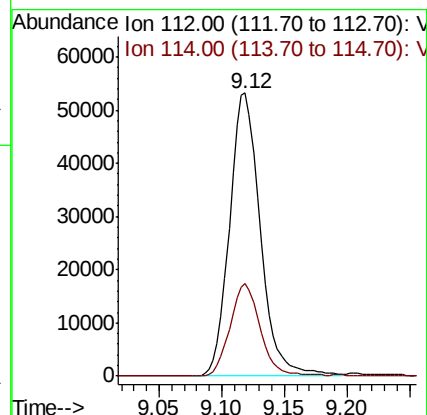
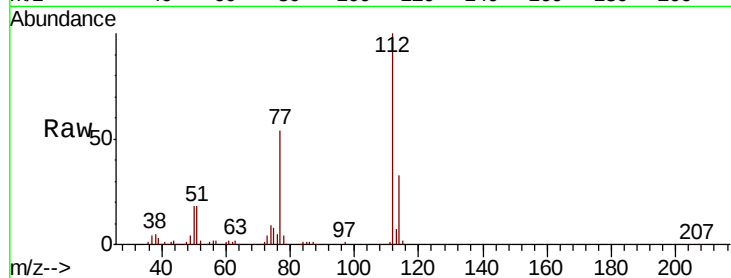
VU0206WBS01

Tgt Ion:112 Resp: 90908

Ion Ratio Lower Upper

112 100

114 32.5 26.2 39.4



#60

1,1,1,2-Tetrachloroethane

Concen: 2.051 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

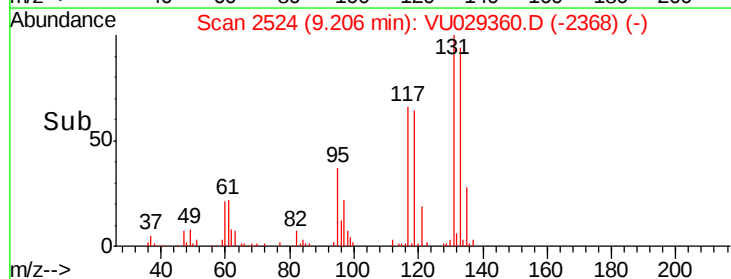
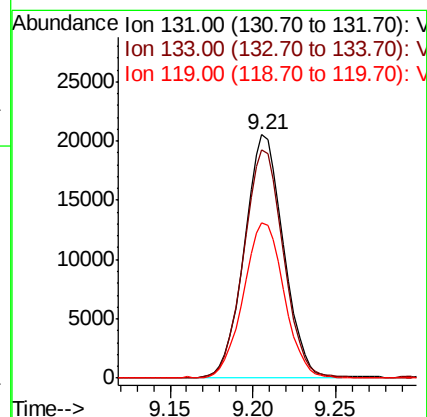
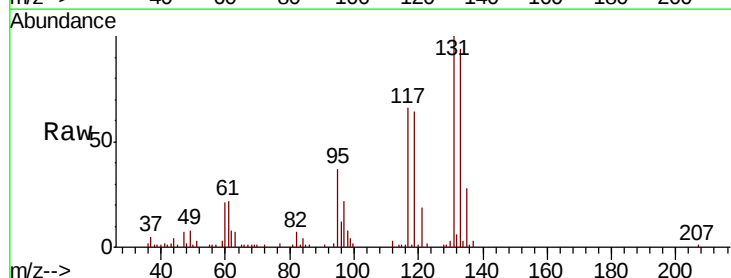
Tgt Ion:131 Resp: 33695

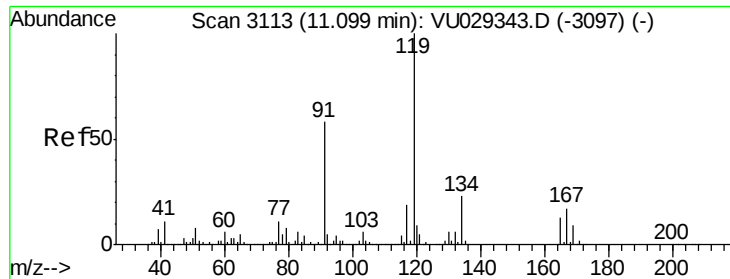
Ion Ratio Lower Upper

131 100

133 95.3 77.3 115.9

119 66.3 48.9 73.3

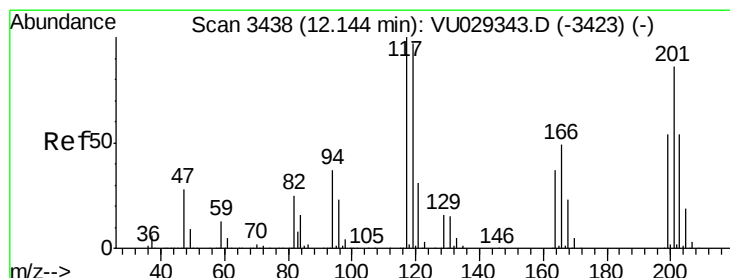
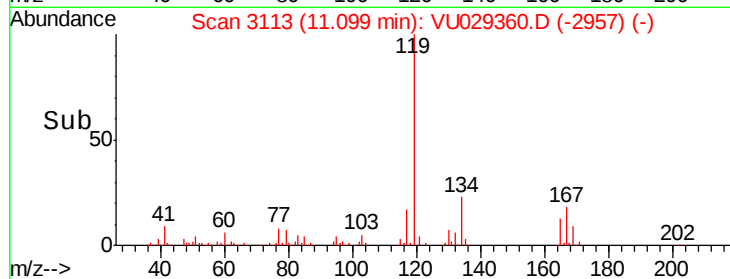
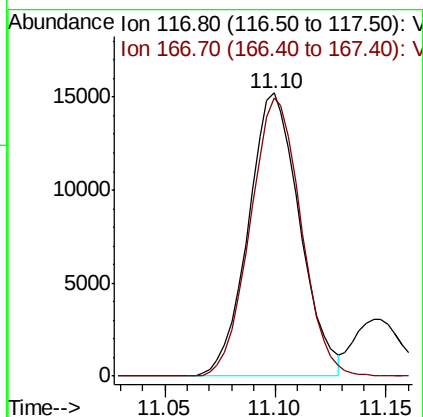
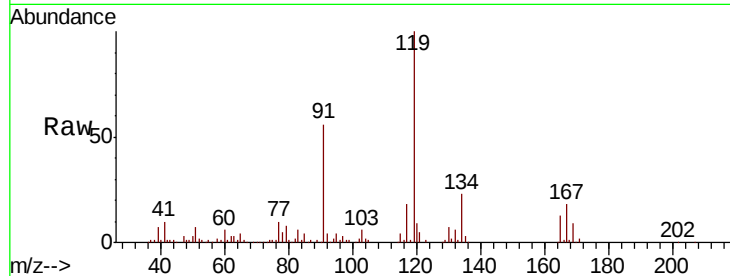




#61
 Pentachloroethane
 Concen: 1.927 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

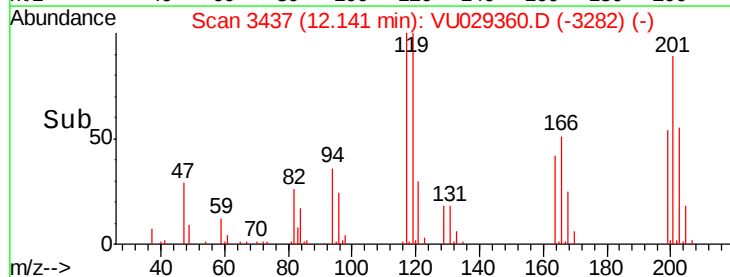
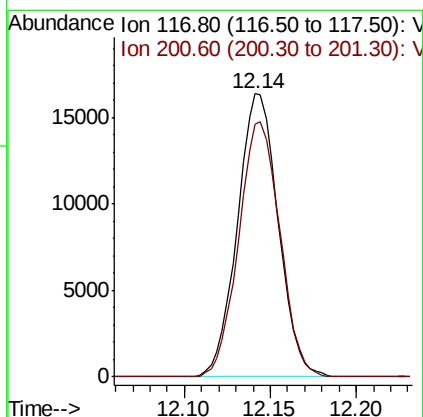
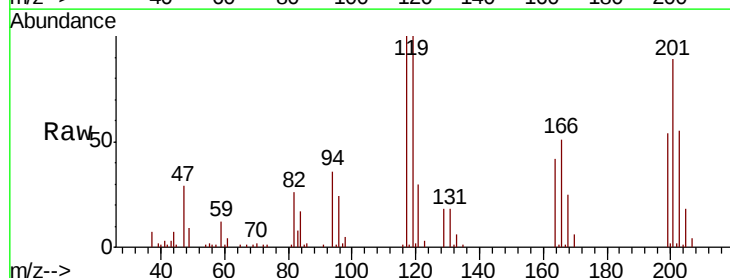
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBS01

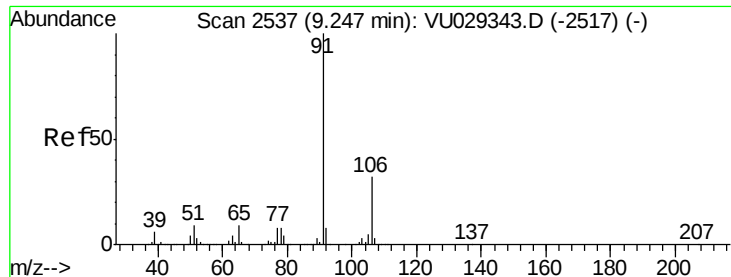
Tgt Ion:117 Resp: 24539
 Ion Ratio Lower Upper
 117 100
 167 97.0 65.9 98.9



#62
 Hexachloroethane
 Concen: 1.938 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. -0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Tgt Ion:117 Resp: 26940
 Ion Ratio Lower Upper
 117 100
 201 90.9 68.2 102.2

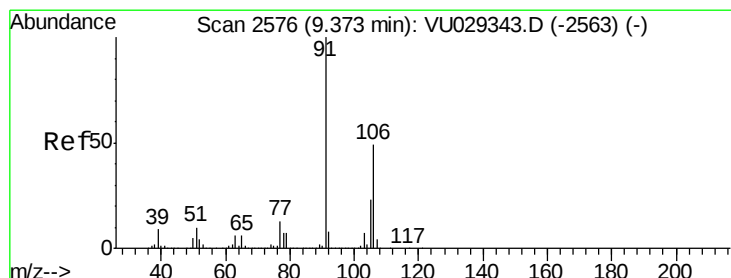
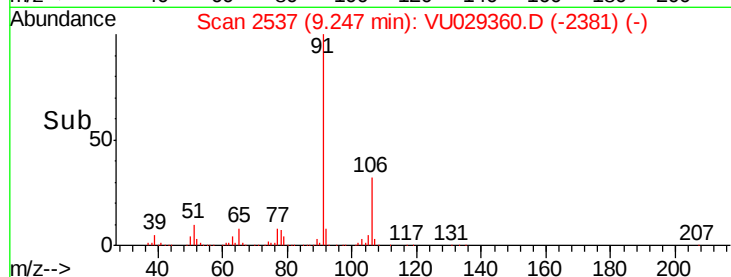
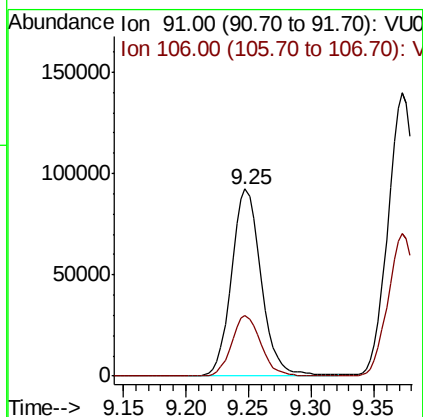
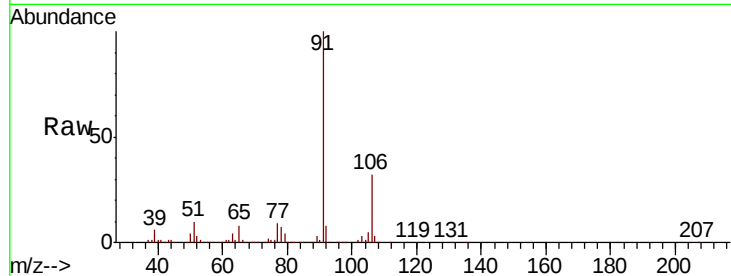




#63
Ethyl Benzene
Concen: 1.974 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

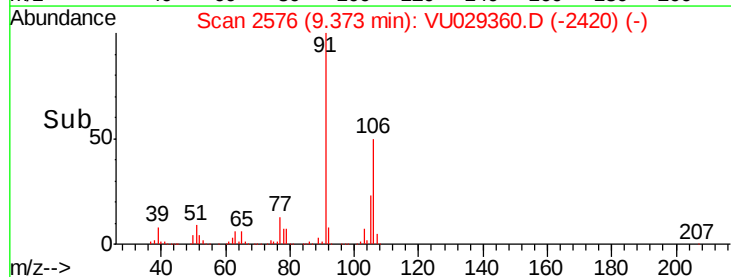
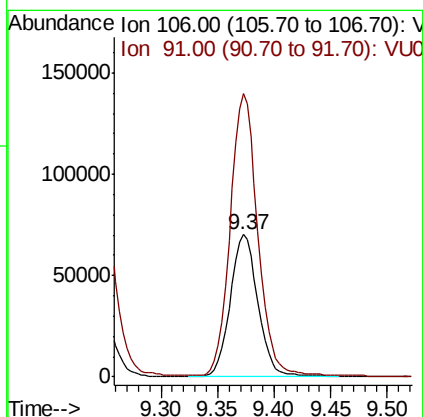
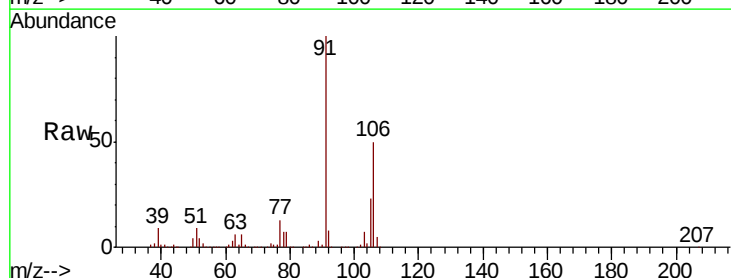
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBS01

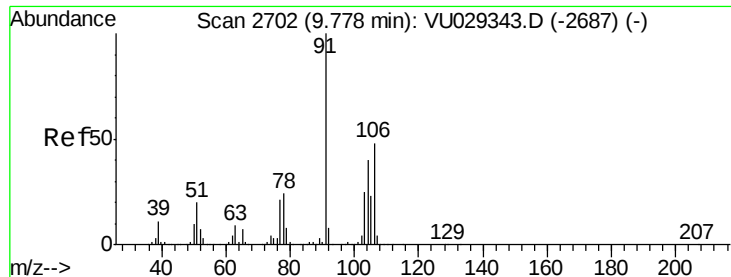
Tgt Ion: 91 Resp: 152436
Ion Ratio Lower Upper
91 100
106 32.2 23.8 35.6



#64
m/p-Xylenes
Concen: 3.957 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Tgt Ion: 106 Resp: 118738
Ion Ratio Lower Upper
106 100
91 197.8 174.6 261.8

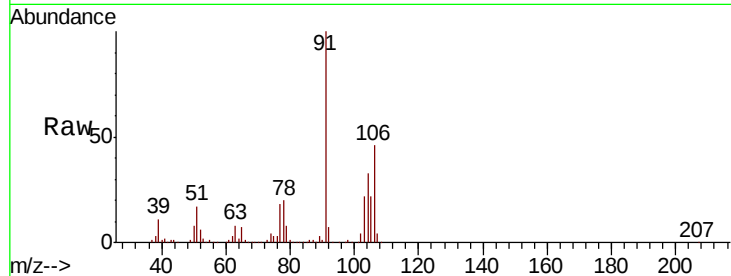




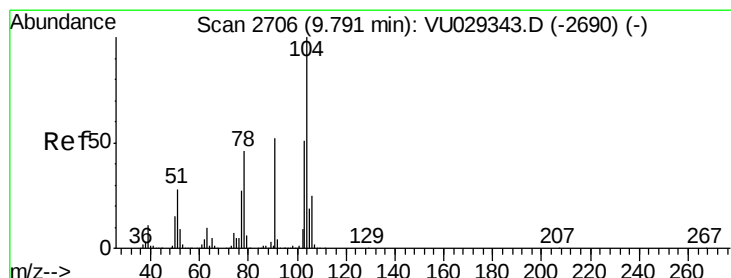
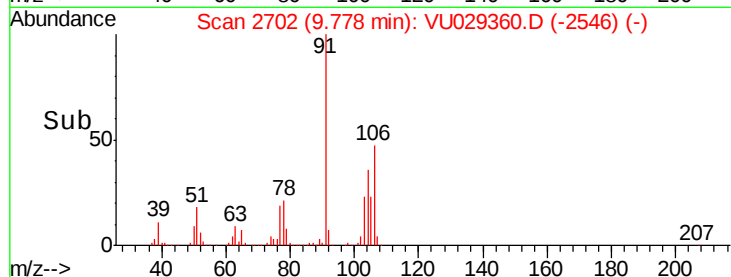
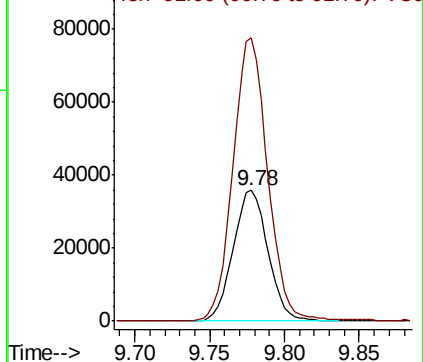
#65
o-Xylene
Concen: 1.976 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBS01

Tgt Ion:106 Resp: 58213
Ion Ratio Lower Upper
106 100
91 214.6 114.5 343.4

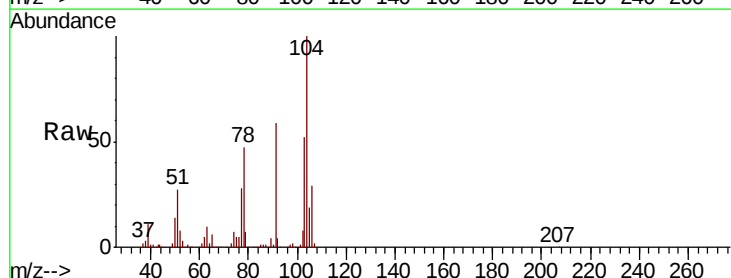


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

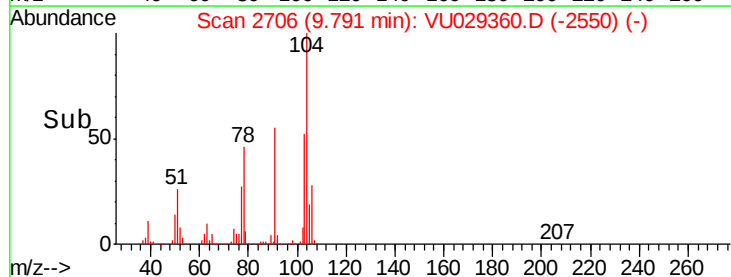
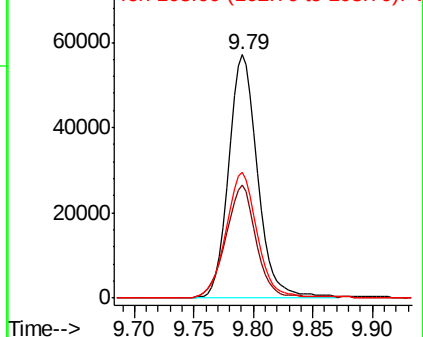


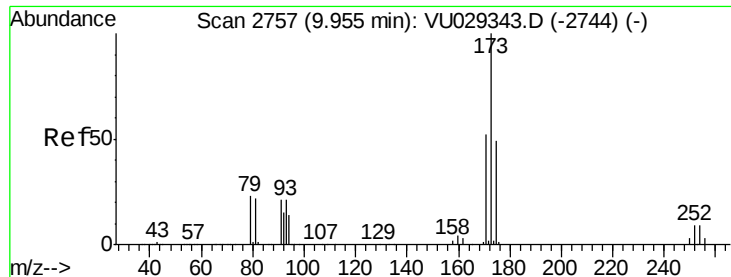
#66
Styrene
Concen: 1.967 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Tgt Ion:104 Resp: 96587
Ion Ratio Lower Upper
104 100
78 49.3 46.5 69.7
103 55.8 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

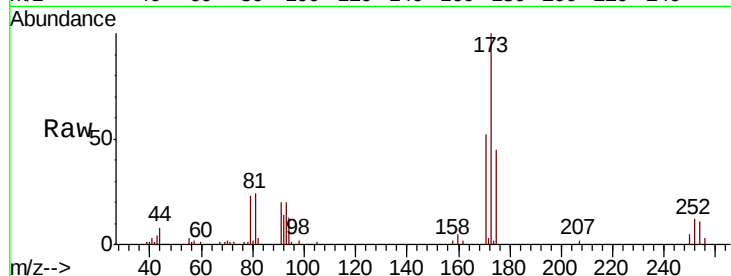




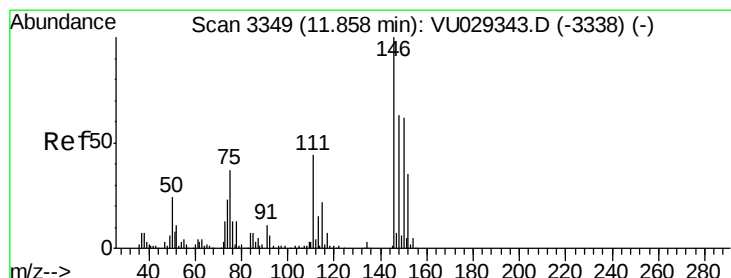
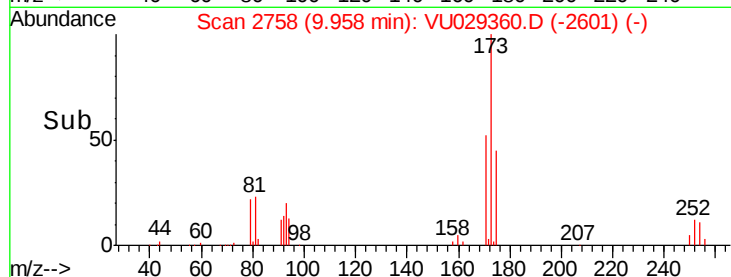
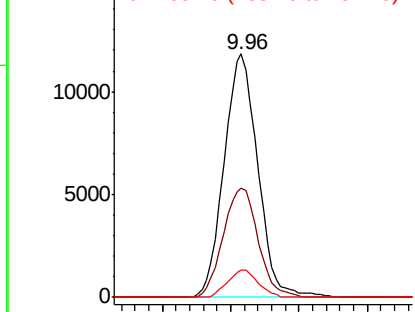
#67
 Bromoform
 Concen: 2.025 ug/l
 RT: 9.96 min Scan# 2758
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.3	38.9	58.3
254	10.0	7.4	11.2

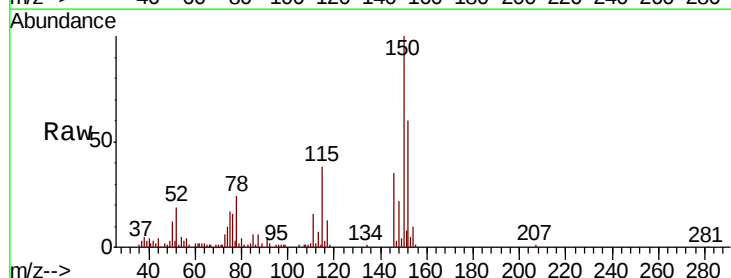


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

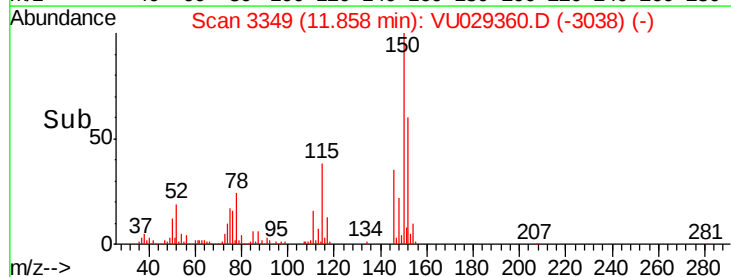
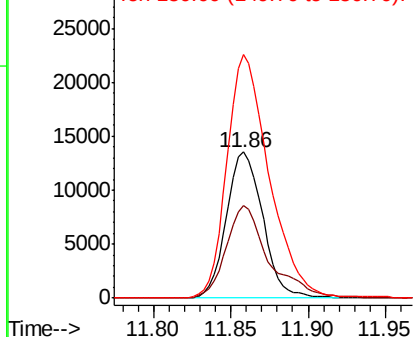


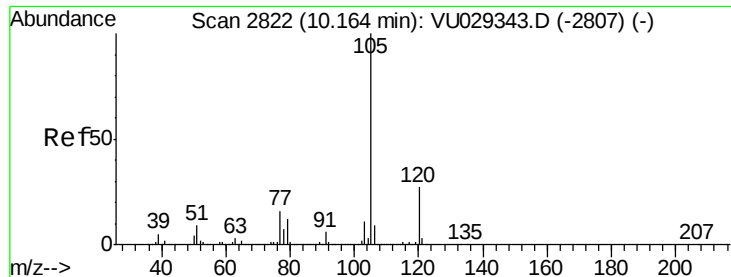
#68
 1,2-Dichlorobenzene-d4
 Concen: 2.025 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	73.9	0.0	133.4
150	193.7	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: 1.984 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

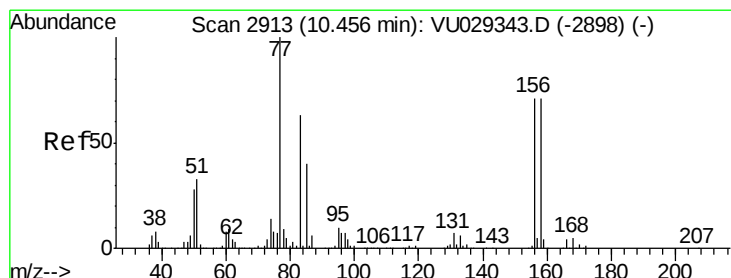
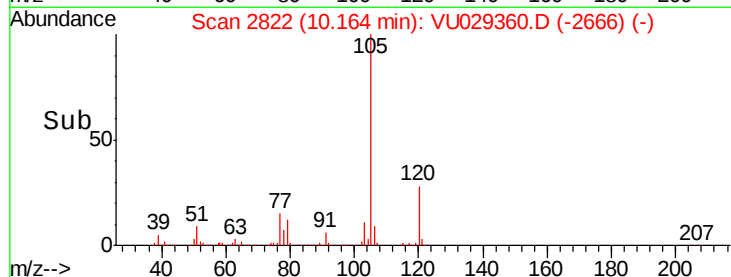
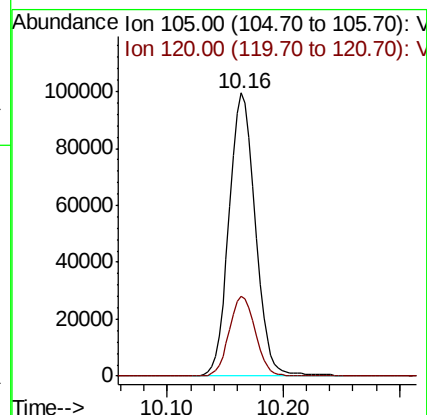
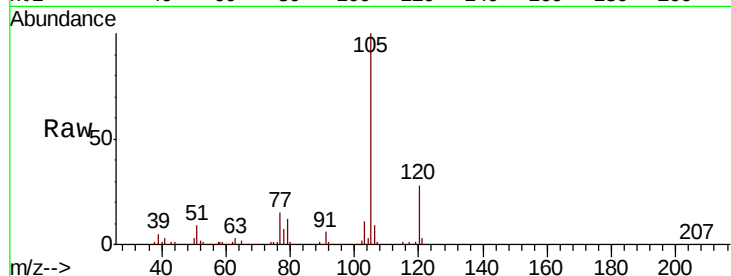
VU0206WBS01

Tgt Ion:105 Resp: 156120

Ion Ratio Lower Upper

105 100

120 28.1 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.990 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

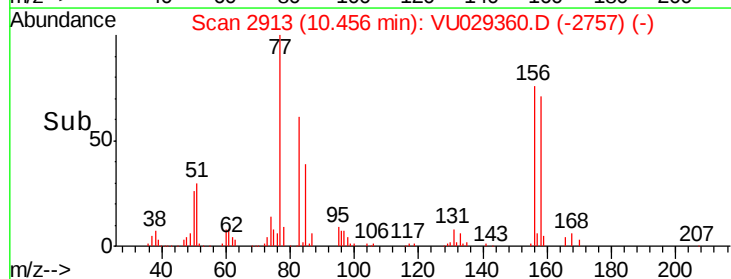
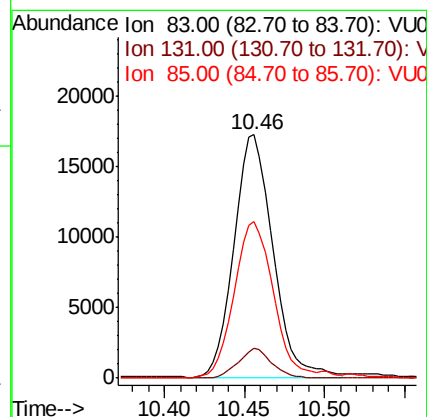
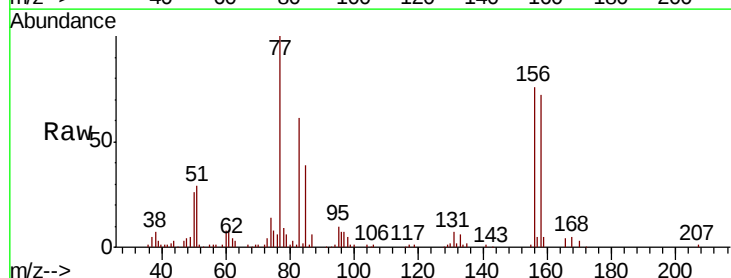
Tgt Ion: 83 Resp: 28870

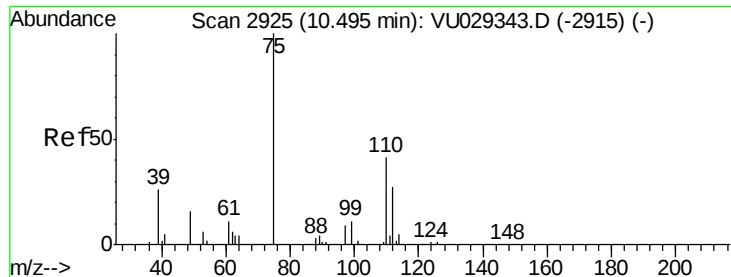
Ion Ratio Lower Upper

83 100

131 10.3 8.1 12.1

85 64.9 50.3 75.5

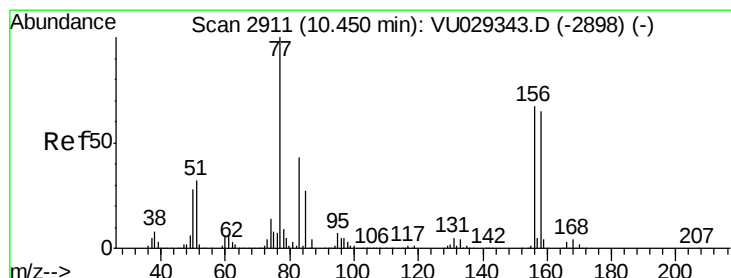
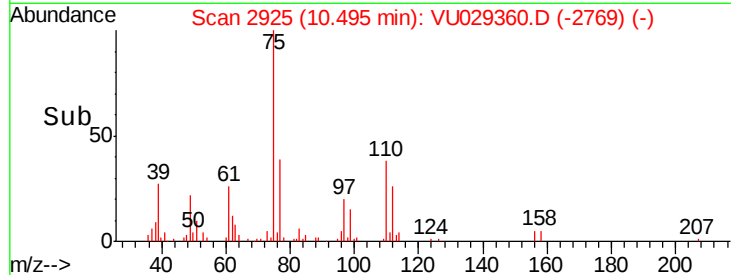
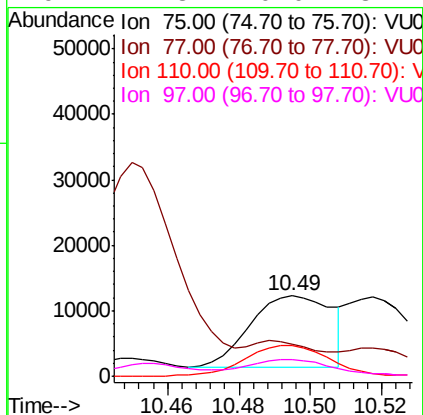
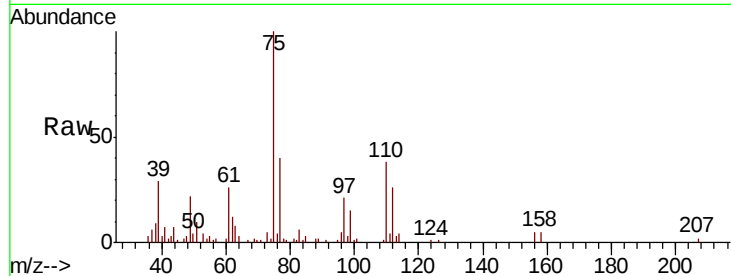




#71
 1,2,3-Trichloropropane
 Concen: 1.745 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

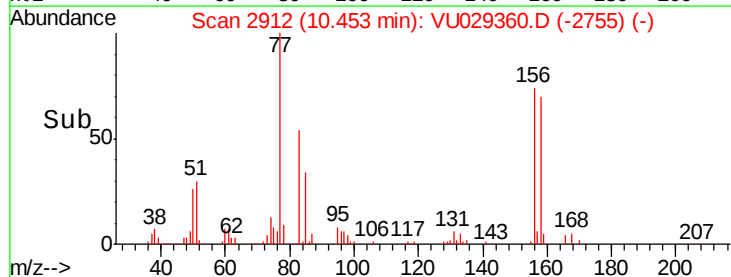
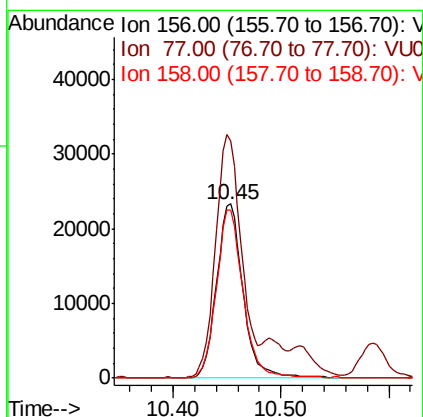
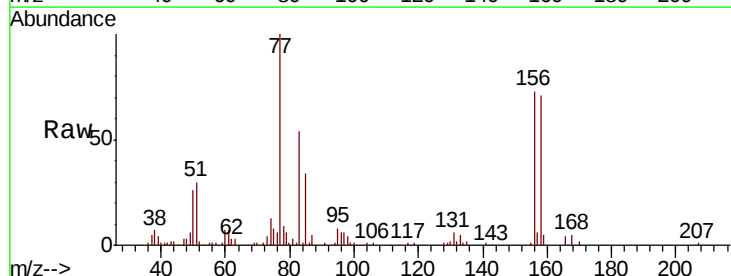
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBS01

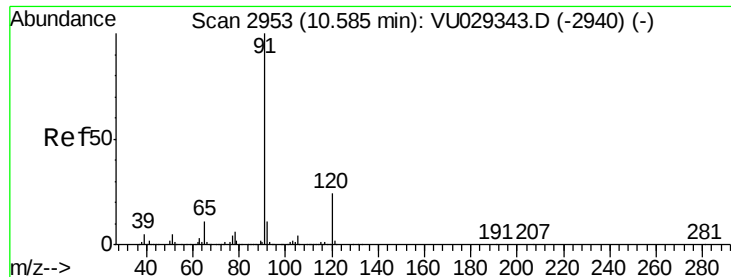
Tgt Ion:	75	Resp:	17382
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	44.9	0.0	63.6
97	27.3	0.0	31.4



#72
 Bromobenzene
 Concen: 2.084 ug/l
 RT: 10.45 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Tgt Ion:	156	Resp:	39743
Ion	Ratio	Lower	Upper
156	100		
77	136.5	0.0	343.8
158	96.9	0.0	195.0

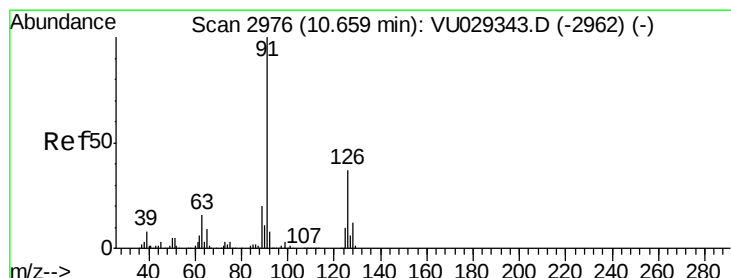
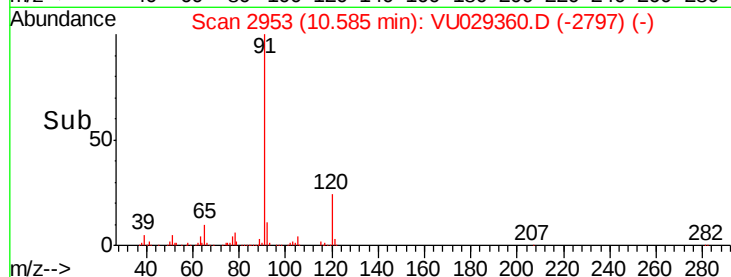
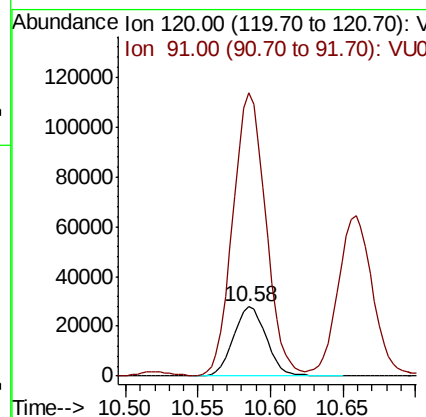
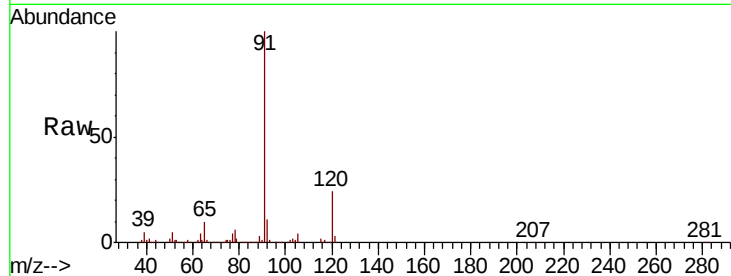




#73
n-propylbenzene
Concen: 2.017 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

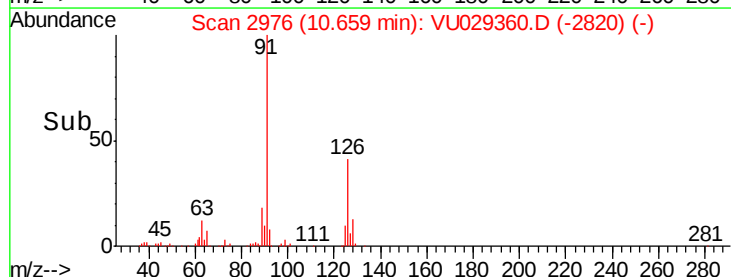
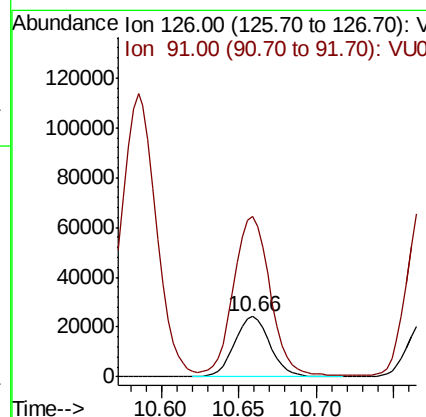
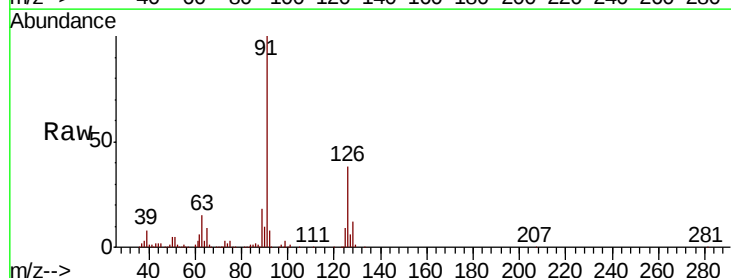
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBS01

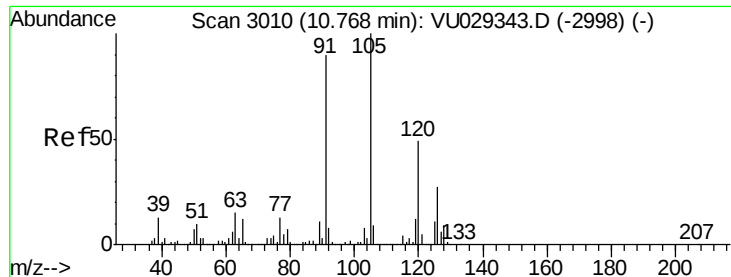
Tgt Ion:120 Resp: 44201
Ion Ratio Lower Upper
120 100
91 403.6 370.0 555.0



#74
2-Chlorotoluene
Concen: 2.073 ug/l
RT: 10.66 min Scan# 2976
Delta R.T. 0.00 min
Lab File: VU029360.D
Acq: 06 Feb 2019 13:46

Tgt Ion:126 Resp: 38697
Ion Ratio Lower Upper
126 100
91 270.9 0.0 643.0





#75

1,3,5-Trimethylbenzene

Concen: 1.961 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

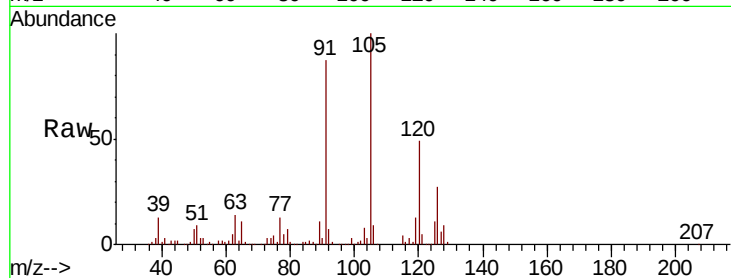
VU0206WBS01

Tgt Ion:105 Resp: 133080

Ion Ratio Lower Upper

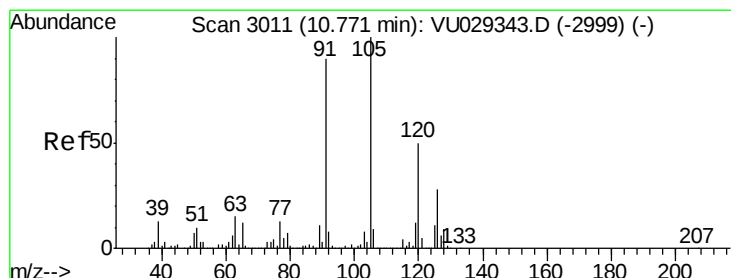
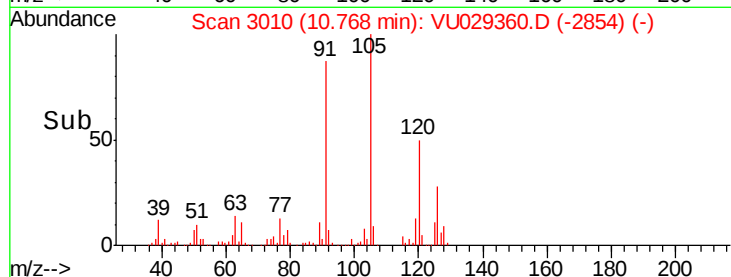
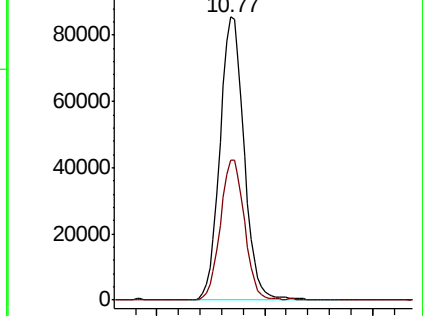
105 100

120 49.6 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: 1.996 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029360.D

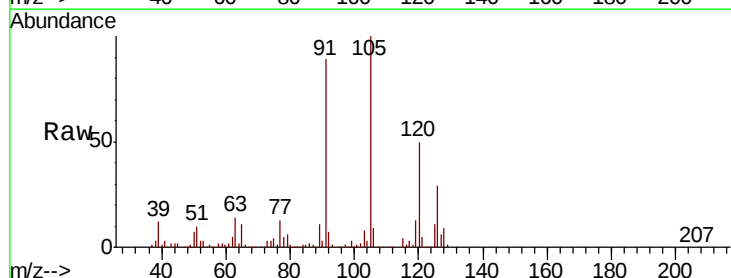
Acq: 06 Feb 2019 13:46

Tgt Ion:126 Resp: 38667

Ion Ratio Lower Upper

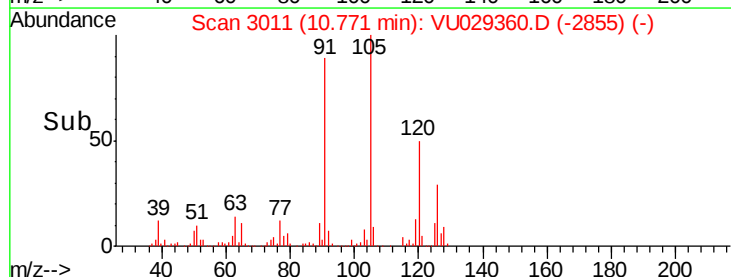
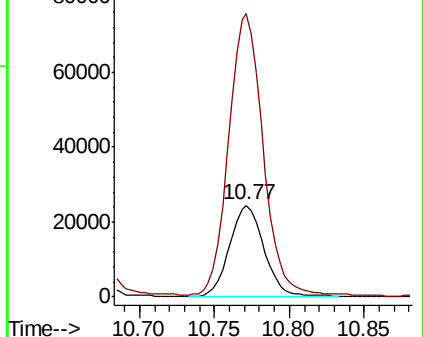
126 100

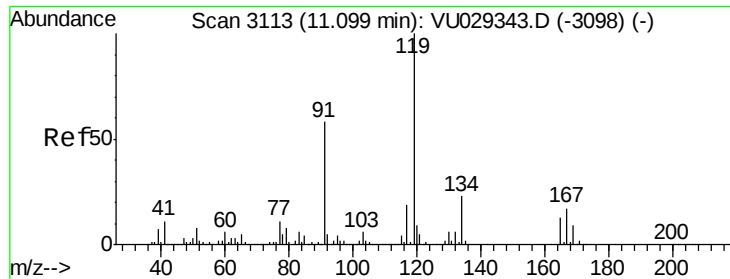
91 307.4 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

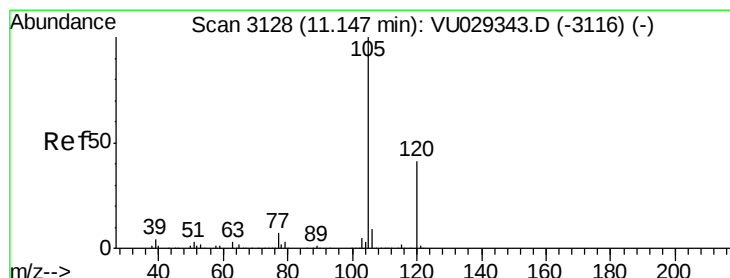
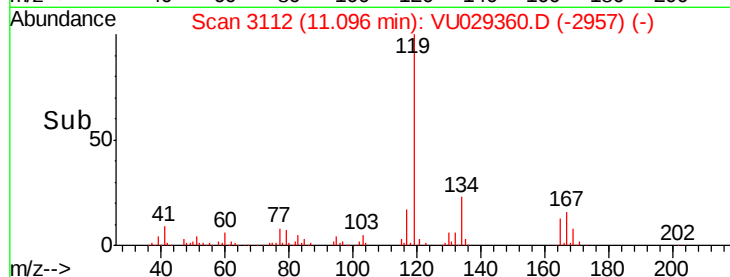
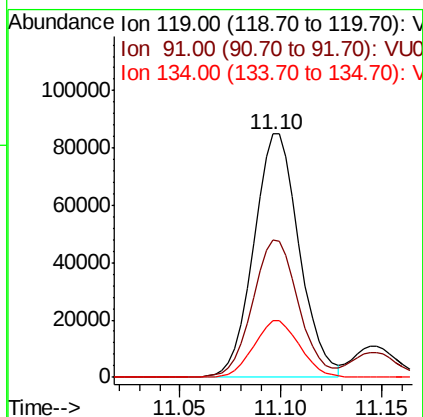
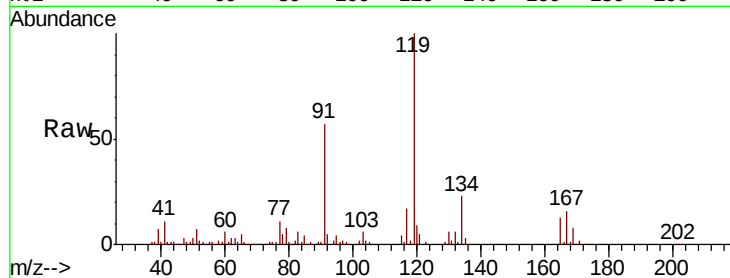




#77
 tert-Butylbenzene
 Concen: 1.999 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

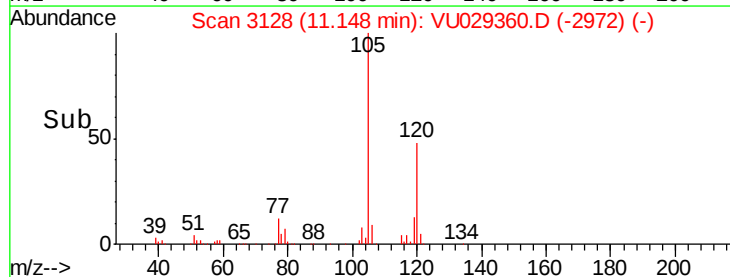
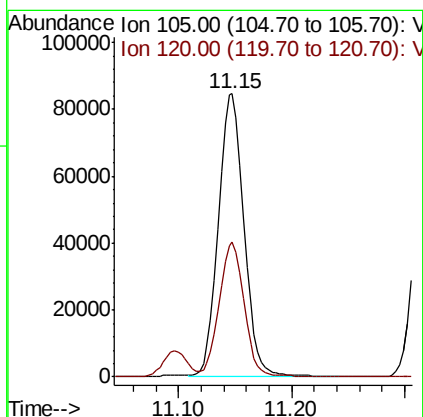
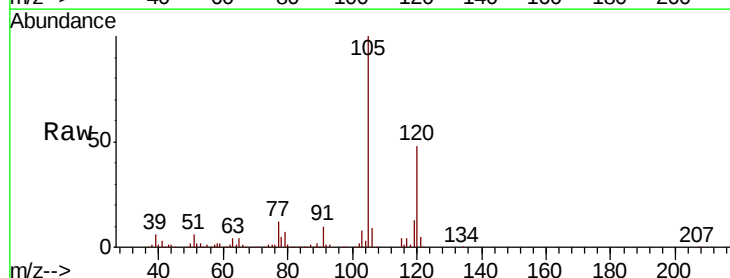
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBS01

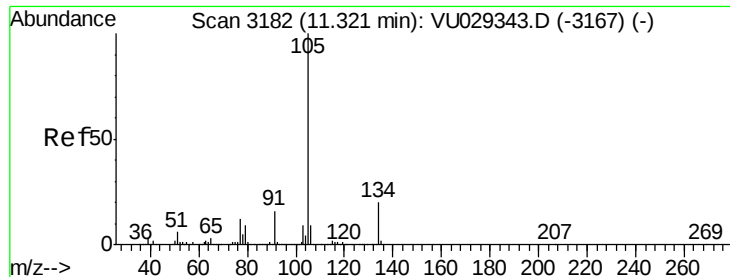
Tgt Ion:119 Resp: 134054
 Ion Ratio Lower Upper
 119 100
 91 56.1 32.2 96.6
 134 23.6 17.6 26.4



#78
 1,2,4-Trimethylbenzene
 Concen: 1.948 ug/l
 RT: 11.15 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Tgt Ion:105 Resp: 133831
 Ion Ratio Lower Upper
 105 100
 120 46.1 21.4 64.3





#79

sec-Butylbenzene

Concen: 1.982 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

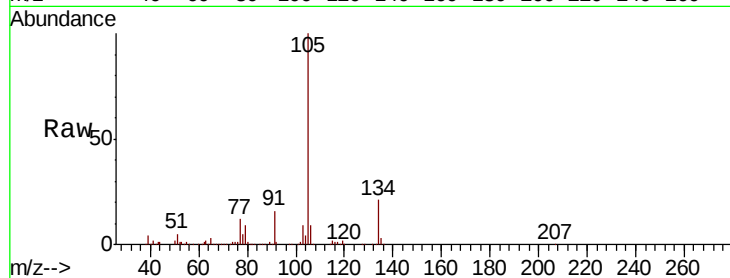
VU0206WBS01

Tgt Ion:105 Resp: 173959

Ion Ratio Lower Upper

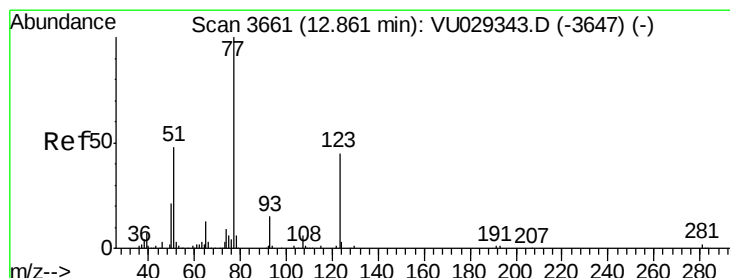
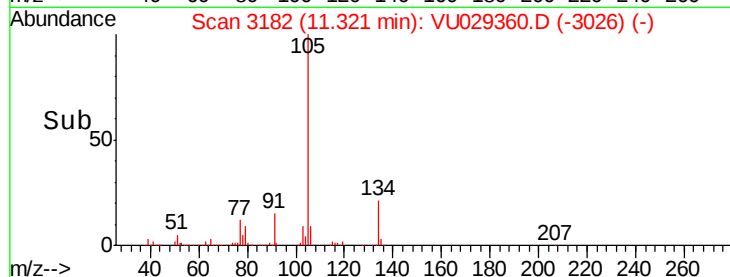
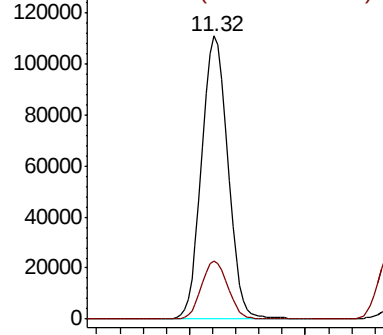
105 100

134 20.6 15.0 22.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 6.678 ug/l

RT: 12.87 min Scan# 3664

Delta R.T. 0.01 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

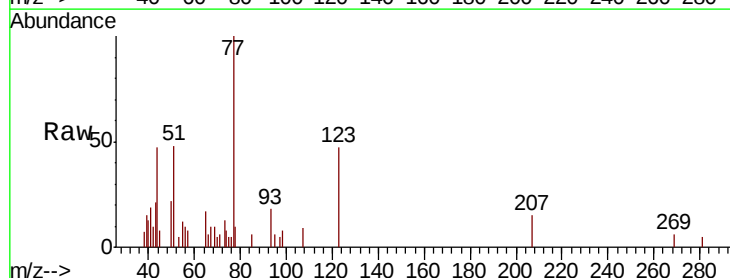
Tgt Ion: 77 Resp: 4317

Ion Ratio Lower Upper

77 100

123 39.0 17.5 61.9

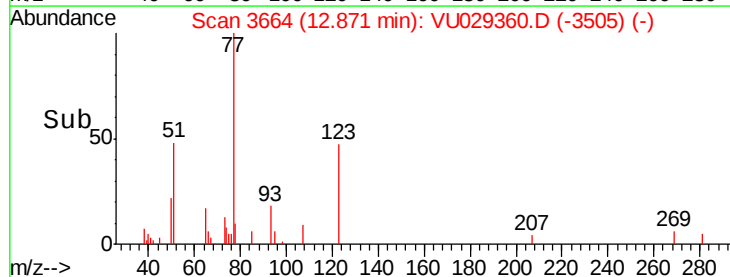
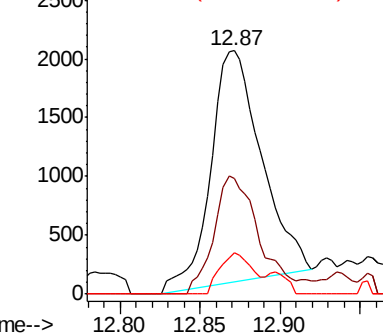
65 7.5 10.8 13.8#

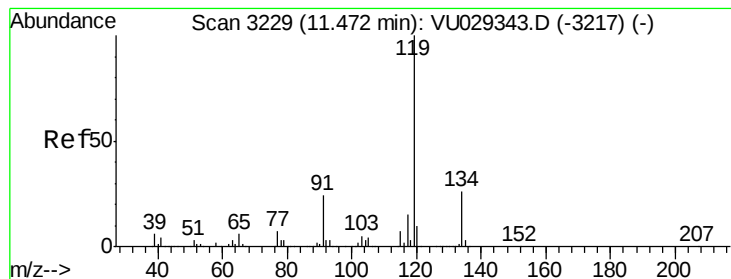


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 1.995 ug/l

RT: 11.47 min Scan# 3229

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBS01

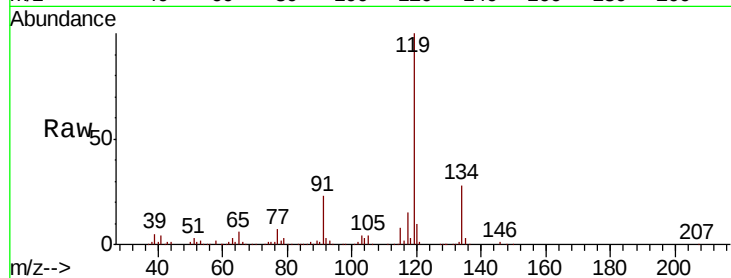
Tgt Ion:119 Resp: 148384

Ion Ratio Lower Upper

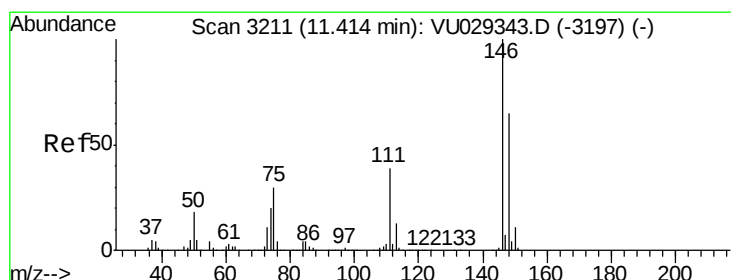
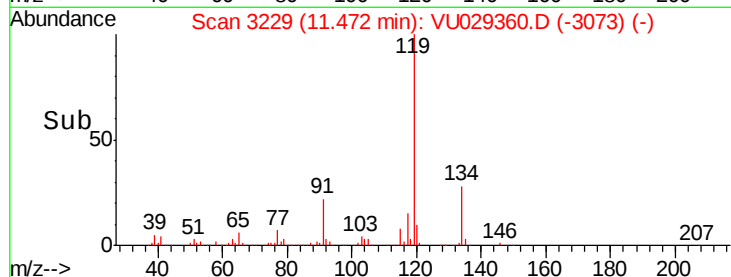
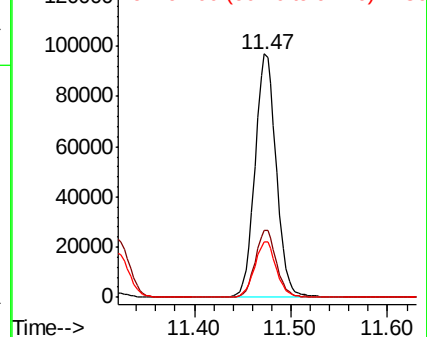
119 100

134 27.5 19.8 29.6

91 22.9 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: 2.029 ug/l

RT: 11.41 min Scan# 3211

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

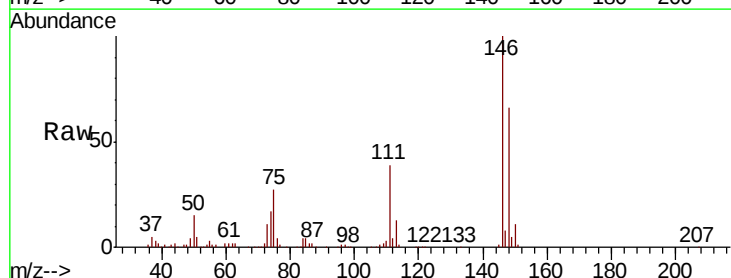
Tgt Ion:146 Resp: 75930

Ion Ratio Lower Upper

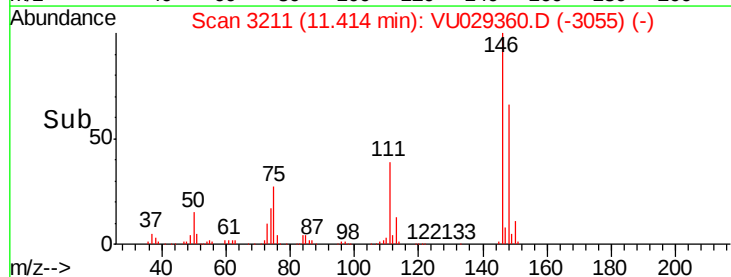
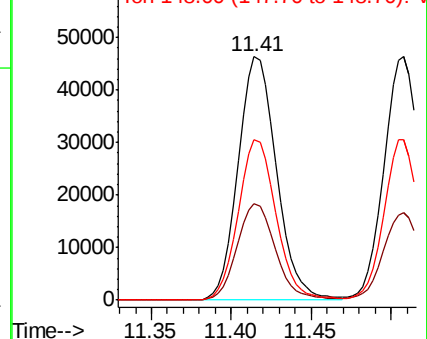
146 100

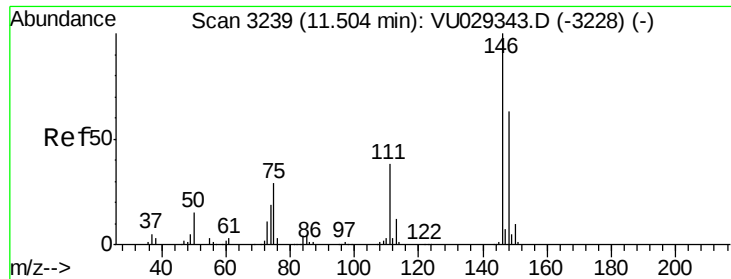
111 39.7 34.1 51.1

148 65.0 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

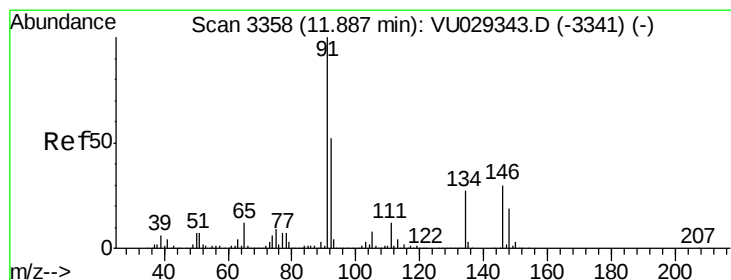
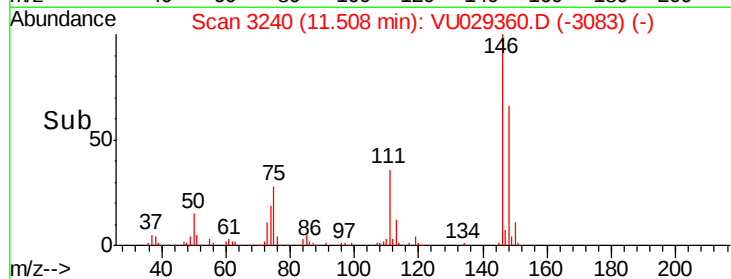
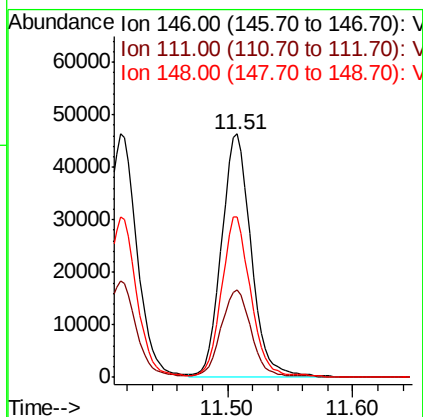
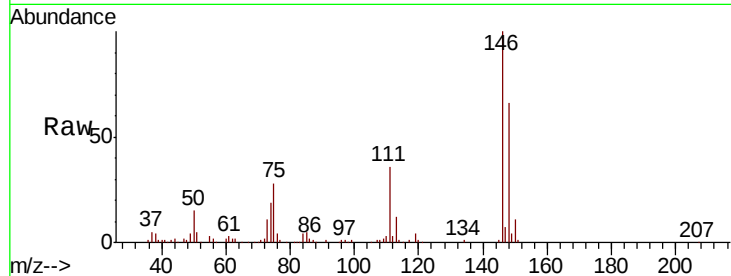




#83
 1,4-Dichlorobenzene
 Concen: 2.027 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

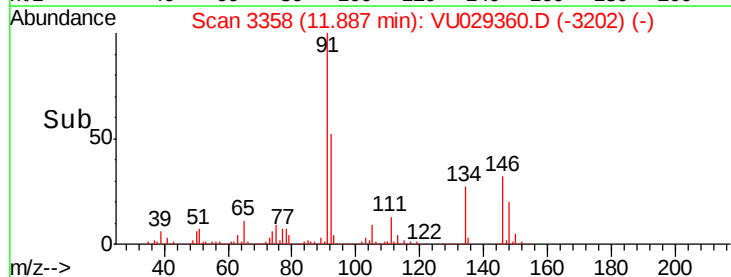
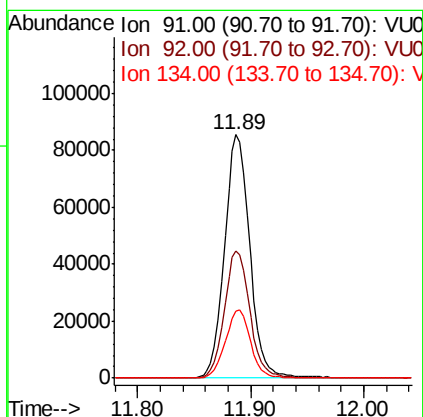
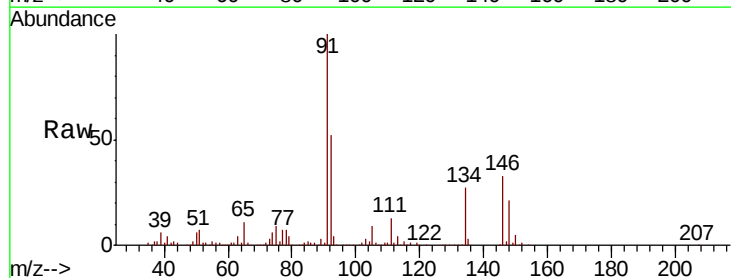
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBS01

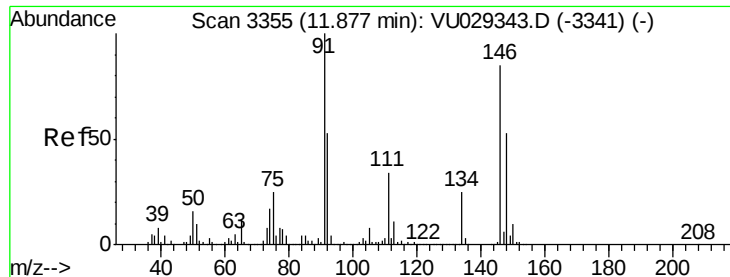
Tgt Ion:146 Resp: 75568
 Ion Ratio Lower Upper
 146 100
 111 37.2 32.9 49.3
 148 62.9 51.8 77.6



#84
 n-Butylbenzene
 Concen: 1.948 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Tgt Ion: 91 Resp: 132984
 Ion Ratio Lower Upper
 91 100
 92 52.5 41.0 61.6
 134 27.9 19.1 28.7

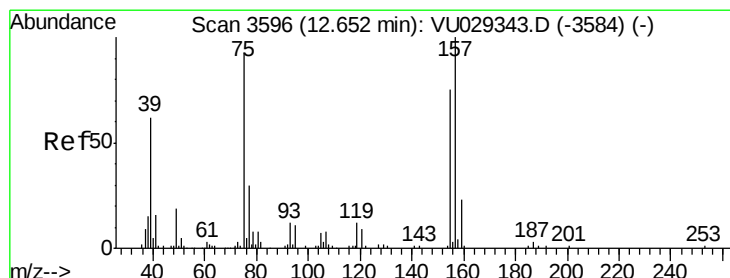
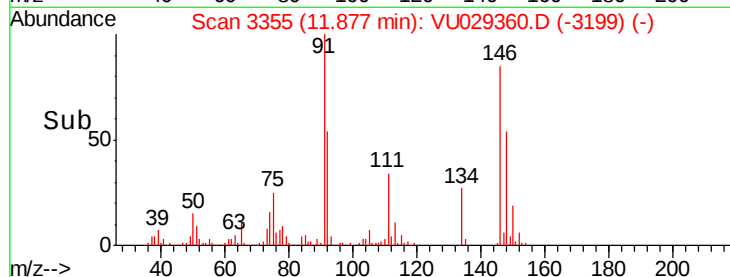
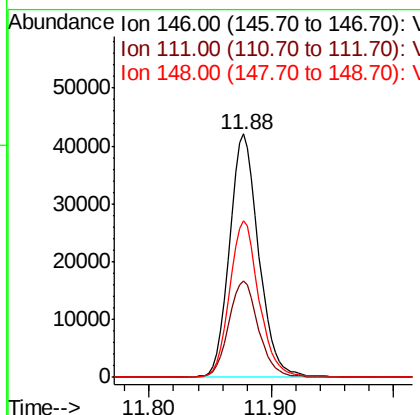
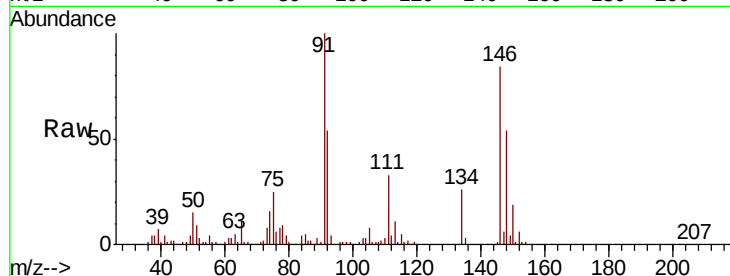




#85
 1,2-Dichlorobenzene
 Concen: 1.988 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

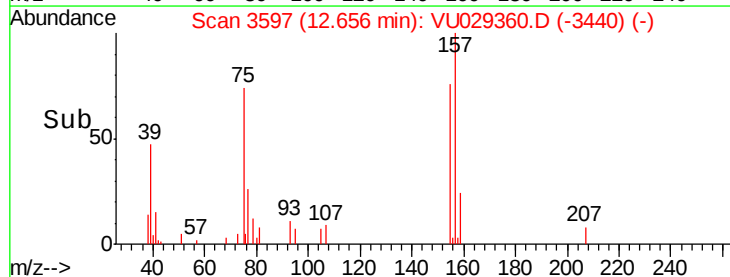
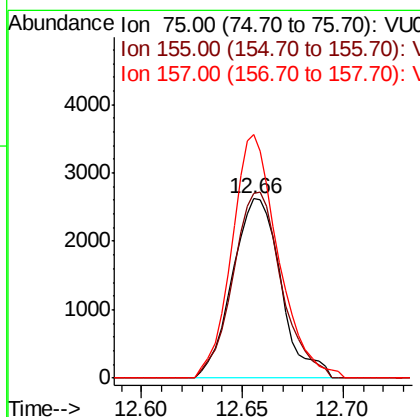
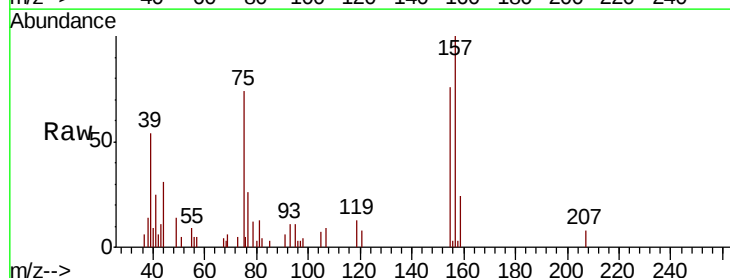
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBS01

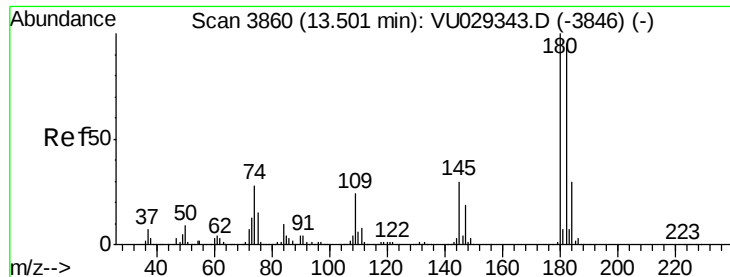
Tgt Ion: 146 Resp: 70329
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.9 65.8
 148 64.6 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.634 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Tgt Ion: 75 Resp: 4424
 Ion Ratio Lower Upper
 75 100
 155 103.4 53.8 80.8#
 157 129.7 69.2 103.8#

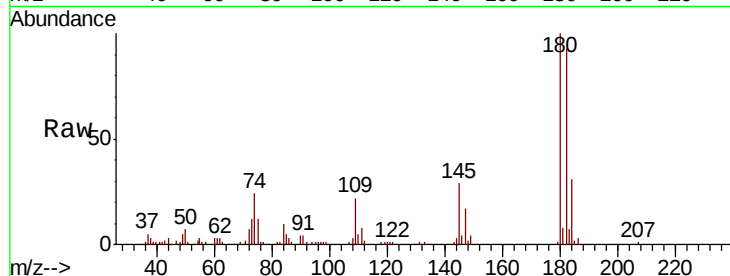




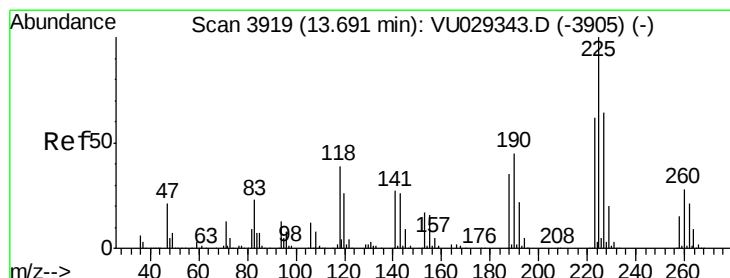
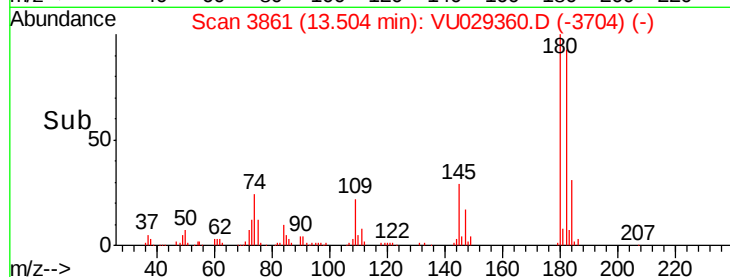
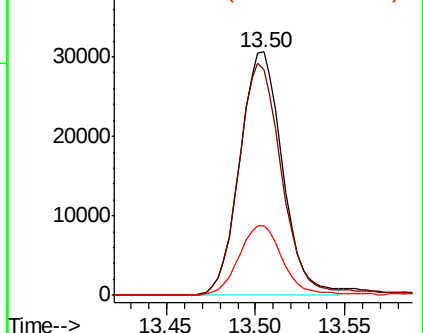
#87
 1,2,4-Trichlorobenzene
 Concen: 2.052 ug/l
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBS01

Tgt Ion:180 Resp: 51002
 Ion Ratio Lower Upper
 180 100
 182 97.5 76.6 114.8
 145 29.5 24.6 36.8

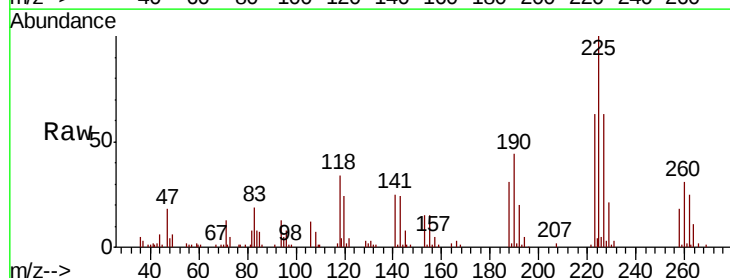


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

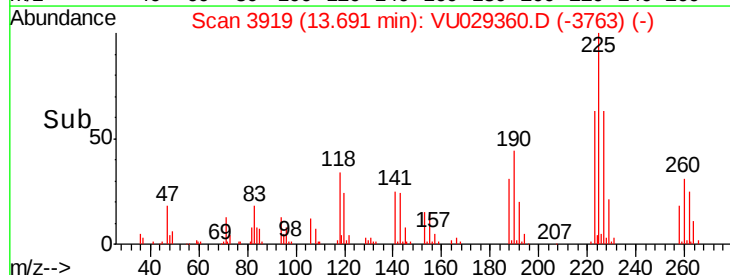
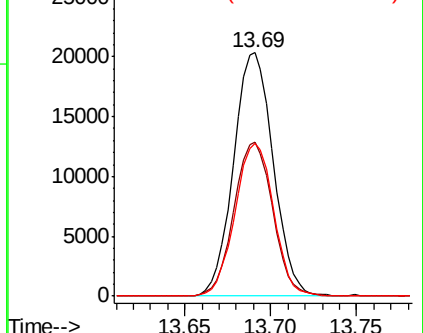


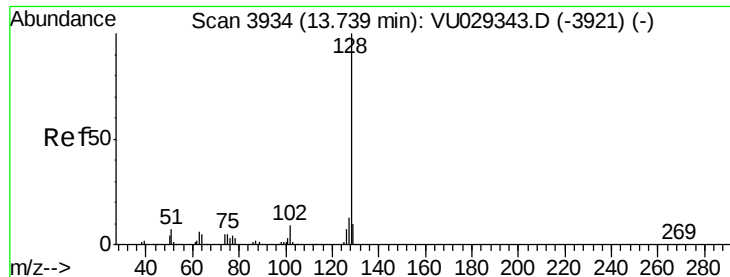
#88
 Hexachlorobutadiene
 Concen: 2.270 ug/l
 RT: 13.69 min Scan# 3919
 Delta R.T. 0.00 min
 Lab File: VU029360.D
 Acq: 06 Feb 2019 13:46

Tgt Ion:225 Resp: 32674
 Ion Ratio Lower Upper
 225 100
 223 61.9 49.5 74.3
 227 61.0 50.4 75.6



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





#89

Naphthalene

Concen: 1.975 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBS01

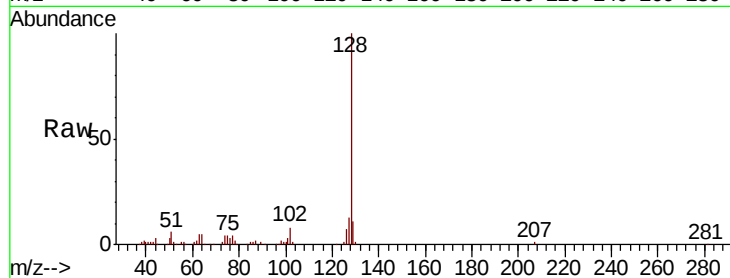
Tgt Ion:128 Resp: 83251

Ion Ratio Lower Upper

128 100

127 12.2 10.7 16.1

129 9.9 8.2 12.4

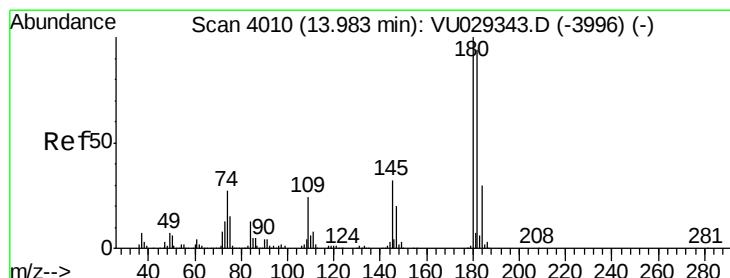
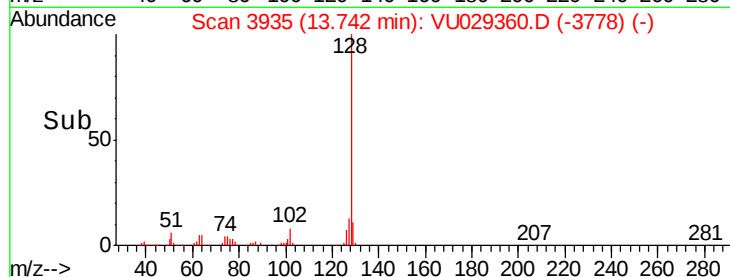
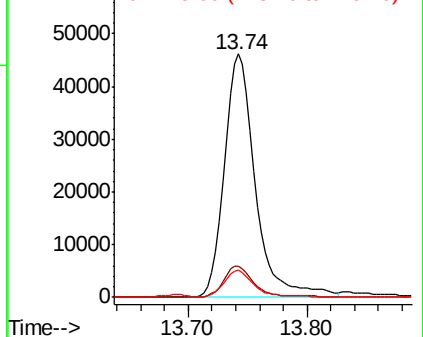


Abundance

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: 2.055 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU029360.D

Acq: 06 Feb 2019 13:46

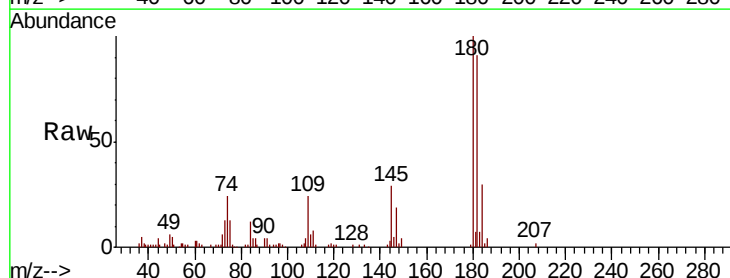
Tgt Ion:180 Resp: 46667

Ion Ratio Lower Upper

180 100

182 94.9 78.0 117.0

145 30.4 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

