

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025766.D
 Acq On : 01 Aug 2018 10:57
 Operator : MD/SY
 Sample : VU0801WBS03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 02 03:54:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	275865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	169011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	152058	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	4.89	113	125226	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	7.57	98	447670	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	10.31	95	169622	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	59329	20.77	ug/l	99
3) Chloromethane	1.33	50	52354	19.18	ug/l	98
4) Vinyl Chloride	1.41	62	49869	19.41	ug/l	98
5) Bromomethane	1.63	94	25018	19.94	ug/l	99
6) Chloroethane	1.70	64	28835	19.19	ug/l	100
7) Trichlorofluoromethane	1.89	101	71886	19.35	ug/l	99
8) Diethyl Ether	2.10	74	25621	19.06	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	43207	20.10	ug/l	99
10) Methyl Iodide	2.41	142	35377	23.21	ug/l	98
11) Tert butyl alcohol	2.83	59	61691	95.69	ug/l	99
12) 1,1-Dichloroethene	2.28	96	39791	19.61	ug/l	94
13) Acrolein	2.19	56	24652	104.40	ug/l	93
14) Allyl chloride	2.59	41	68525	18.79	ug/l	98
15) Acrylonitrile	2.94	53	129527	100.63	ug/l	96
16) Acetone	2.32	43	143990	100.30	ug/l	97
17) Carbon Disulfide	2.48	76	117693	17.92	ug/l	99
18) Methyl Acetate	2.62	43	82411	23.85	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	146124	19.87	ug/l	100
20) Methylene Chloride	2.70	84	47279	18.58	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	45916	19.57	ug/l	97
22) Diisopropyl ether	3.57	45	143641	19.99	ug/l	97
23) Vinyl Acetate	3.53	43	610358	97.47	ug/l	100
24) 1,1-Dichloroethane	3.45	63	86573	20.07	ug/l	99
25) 2-Butanone	4.27	43	200964	102.83	ug/l	100
26) 2,2-Dichloropropane	4.23	77	78493	20.02	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	51471	19.46	ug/l	99
28) Bromochloromethane	4.55	49	40079	20.78	ug/l	97
29) Tetrahydrofuran	4.64	42	115318	98.49	ug/l	99
30) Chloroform	4.68	83	90536	19.88	ug/l	99
31) Cyclohexane	5.00	56	74364	18.98	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	80607	19.66	ug/l	99
36) 1,1-Dichloropropene	5.14	75	63370	18.86	ug/l	97
37) Ethyl Acetate	4.38	43	67795	19.46	ug/l	99
38) Carbon Tetrachloride	5.14	117	70890	18.63	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	71414	18.55	ug/l	99
40) Benzene	5.39	78	187079	19.05	ug/l	96
41) Methacrylonitrile	4.55	41	38362	19.82	ug/l	98
42) 1,2-Dichloroethane	5.41	62	73775	19.51	ug/l	99
43) Isopropyl Acetate	5.55	43	111494	19.36	ug/l	100
44) Trichloroethene	6.19	130	52432	19.17	ug/l	100
45) 1,2-Dichloropropane	6.44	63	49275	19.24	ug/l	98
46) Dibromomethane	6.56	93	34507	18.59	ug/l	97
47) Bromodichloromethane	6.76	83	68493	19.34	ug/l	95
48) Methyl methacrylate	6.63	41	55160	19.55	ug/l	97
49) 1,4-Dioxane	6.62	88	26831	390.71	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	353178	97.98	ug/l	100
52) Toluene	7.64	92	122094	20.01	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	77544	19.51	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	81094	19.86	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	48452	19.11	ug/l	98
56) Ethyl methacrylate	8.02	69	70503	19.46	ug/l	98
57) 1,3-Dichloropropane	8.25	76	83448	19.57	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	137311	88.39	ug/l	99
59) 2-Hexanone	8.36	43	280028	99.10	ug/l	97
60) Dibromochloromethane	8.48	129	55647	18.61	ug/l	98
61) 1,2-Dibromoethane	8.59	107	54549	19.34	ug/l	99
64) Tetrachloroethene	8.23	164	46683	19.23	ug/l	97
65) Chlorobenzene	9.12	112	137455	19.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	51734	20.11	ug/l	100
67) Ethyl Benzene	9.25	91	229833	19.51	ug/l	100
68) m/p-Xylenes	9.38	106	179772	39.75	ug/l	100
69) o-Xylene	9.78	106	85490	19.34	ug/l	95
70) Styrene	9.80	104	139282	19.51	ug/l	98
71) Bromoform	9.96	173	42887	19.22	ug/l #	99
73) Isopropylbenzene	10.17	105	233654	20.26	ug/l	100
74) N-amyl acetate	10.01	43	96306	20.45	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	80204	20.11	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	91762	24.64	ug/l	84
77) Bromobenzene	10.45	156	62839	19.75	ug/l	99
78) n-propylbenzene	10.59	91	274988	20.42	ug/l	100
79) 2-Chlorotoluene	10.66	91	163744	20.76	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	200870	20.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	91762	61.79	ug/l #	100
82) 4-Chlorotoluene	10.78	91	190429	20.49	ug/l	100
83) tert-Butylbenzene	11.10	119	196787	20.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	206644	20.82	ug/l	99
85) sec-Butylbenzene	11.33	105	238261	20.05	ug/l	100
86) p-Isopropyltoluene	11.48	119	219147	20.59	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	115498	19.56	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	117742	19.13	ug/l	99
89) n-Butylbenzene	11.89	91	192744	19.63	ug/l	99
90) Hexachloroethane	12.15	117	36351	19.21	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	114707	19.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19342	20.45	ug/l	98

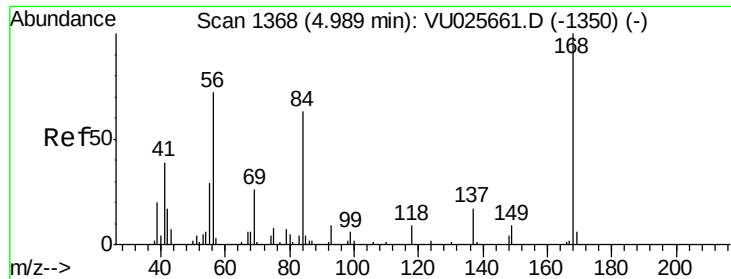
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	78449	20.08	ug/l	99
94) Hexachlorobutadiene	13.70	225	38355	18.62	ug/l	98
95) Naphthalene	13.74	128	236081	19.59	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	79134	20.30	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

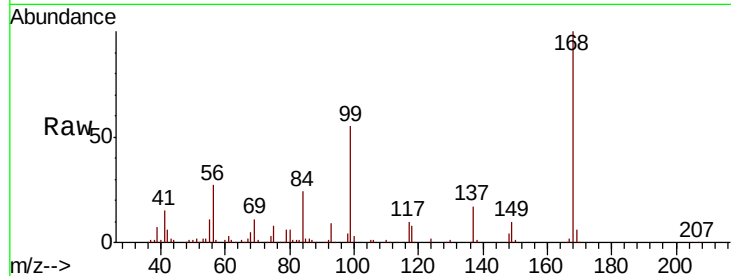
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 188984

Ion Ratio Lower Upper

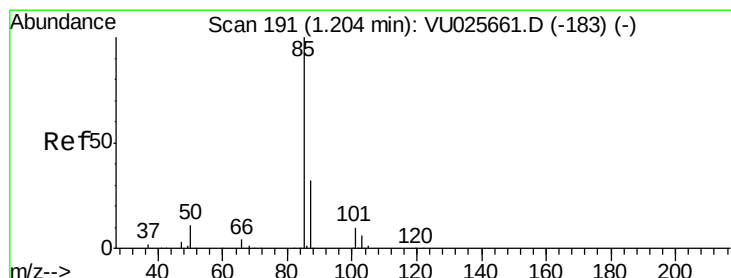
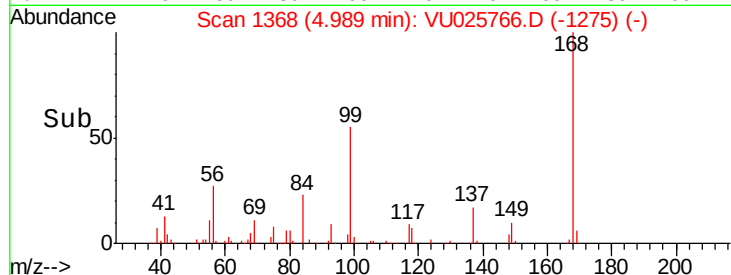
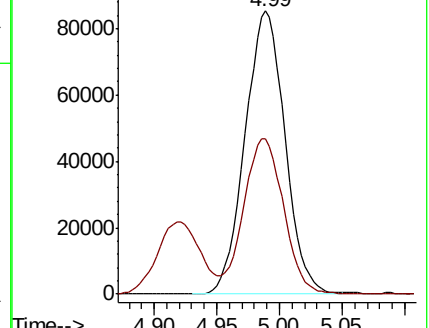
168 100

99 54.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#2

Dichlorodifluoromethane

Concen: 20.77 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025766.D

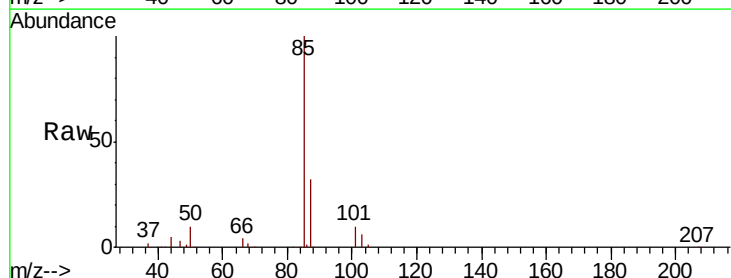
Acq: 01 Aug 2018 10:57

Tgt Ion: 85 Resp: 59329

Ion Ratio Lower Upper

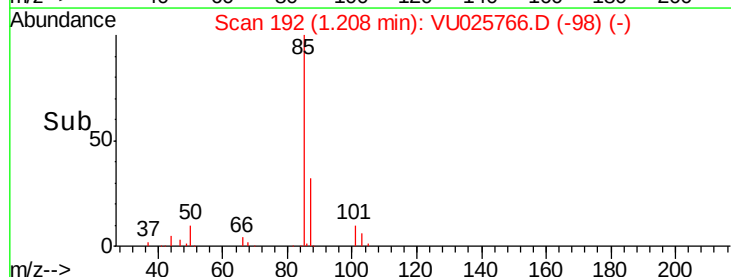
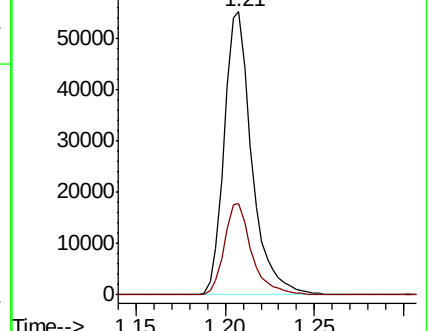
85 100

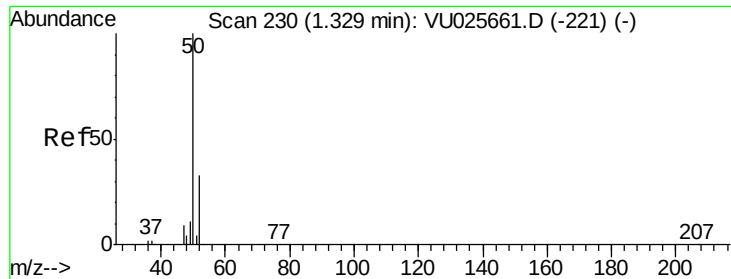
87 32.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025661.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025661.D (-183) (-)

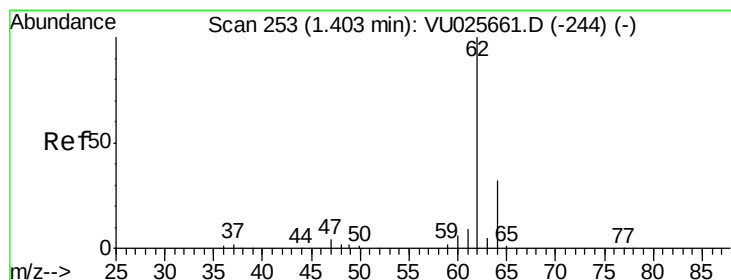
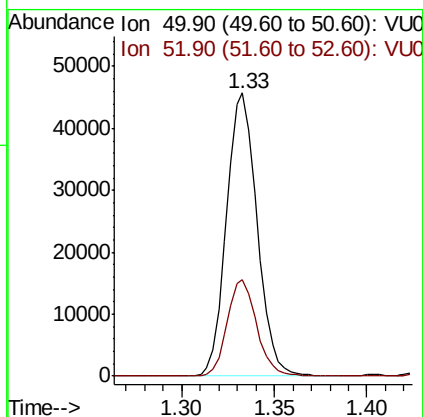
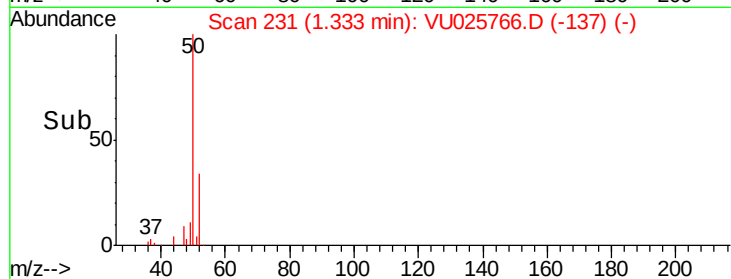
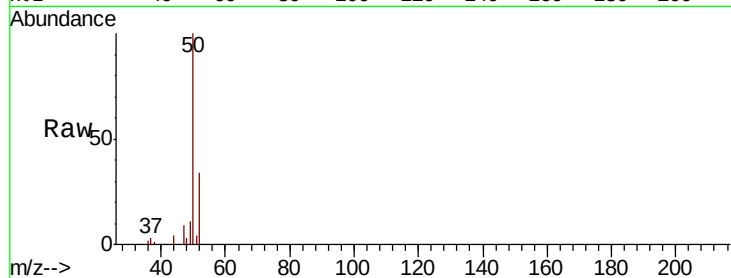




#3
Chloromethane
Concen: 19.18 ug/l
RT: 1.33 min Scan# 231
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

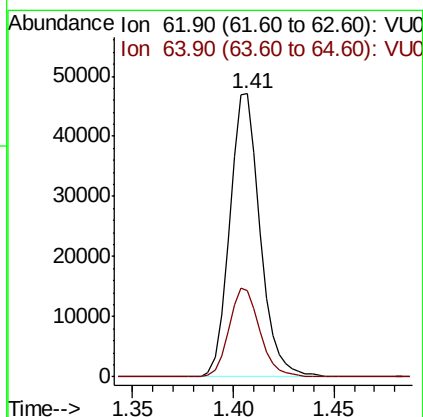
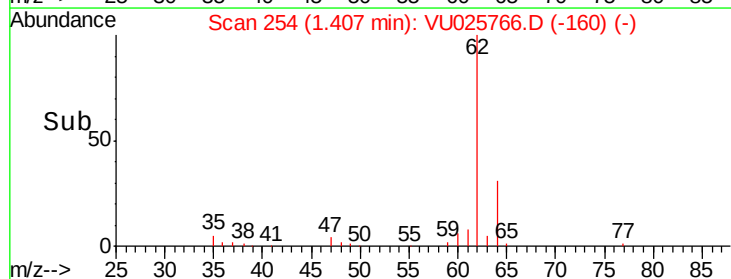
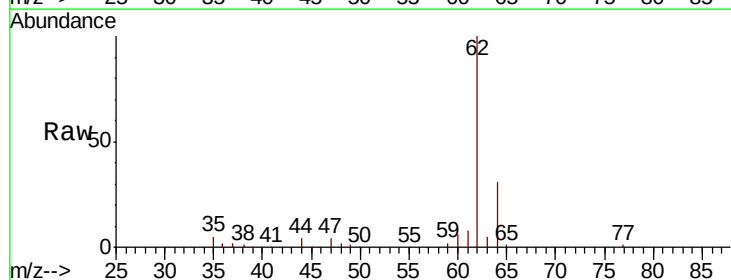
Instrument :
MSVOA_U
ClientSampled :

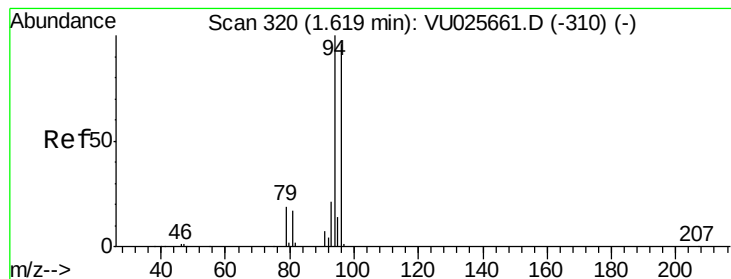
Tot Ion: 50 Resp: 52354
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7



#4
Vinyl Chloride
Concen: 19.41 ug/l
RT: 1.41 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion: 62 Resp: 49869
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.0





#5

Bromomethane

Concen: 19.94 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :

MSVOA_U

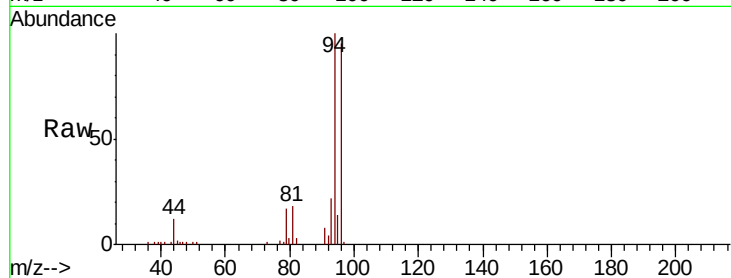
ClientSampleId :

Tot Ion: 94 Resp: 25018

Ion Ratio Lower Upper

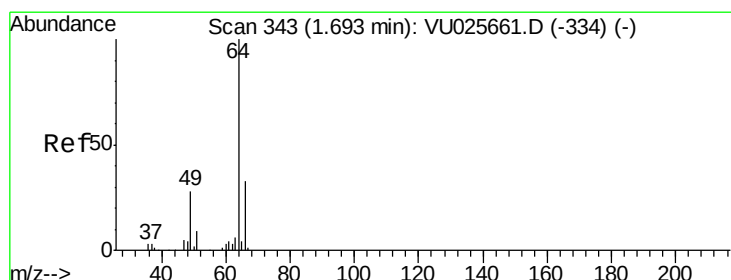
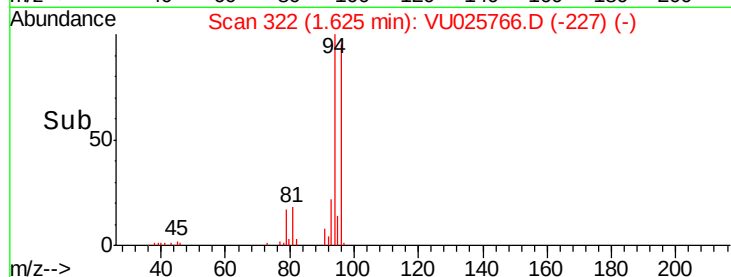
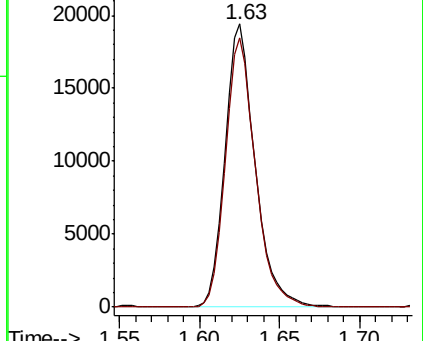
94 100

96 95.0 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 19.19 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025766.D

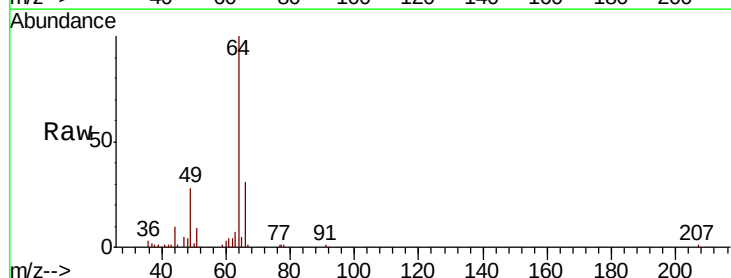
Acq: 01 Aug 2018 10:57

Tgt Ion: 64 Resp: 28835

Ion Ratio Lower Upper

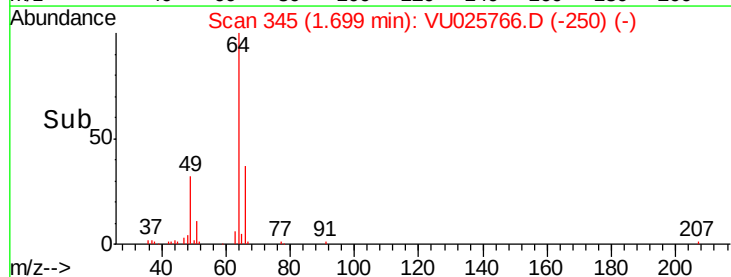
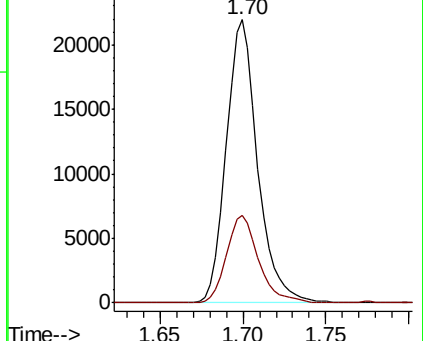
64 100

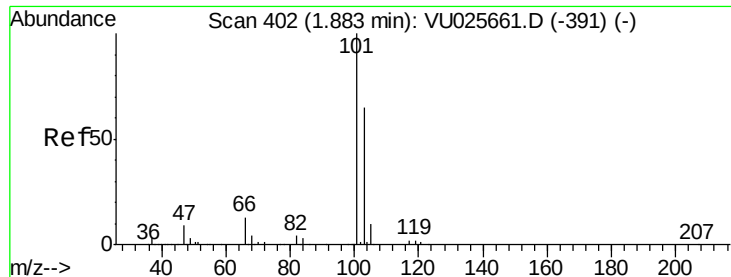
66 31.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



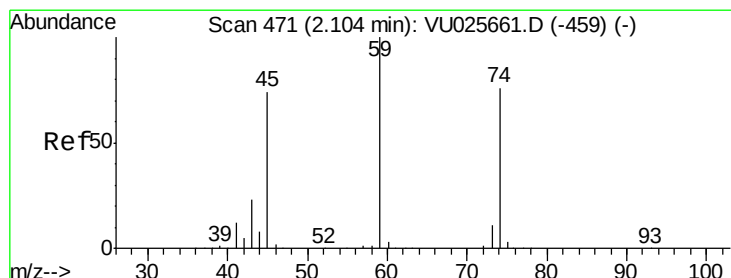
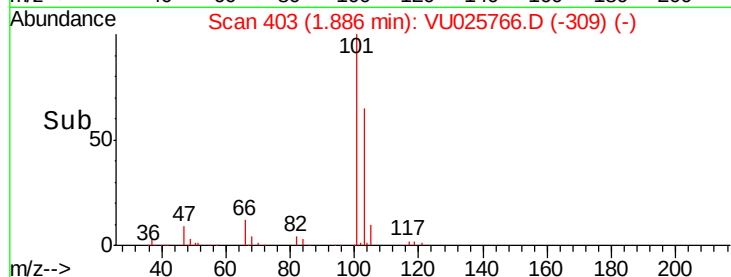
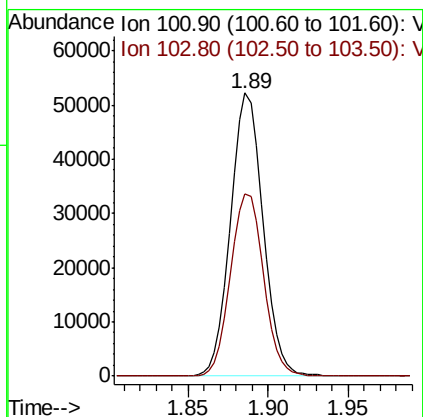
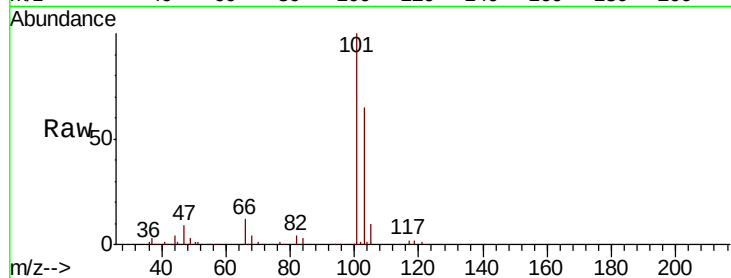


#7

Trichlorofluoromethane
 Concen: 19.35 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Instrument :
 MSVOA_U
 ClientSampleId :

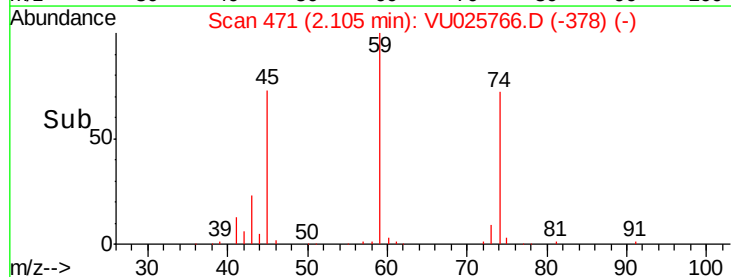
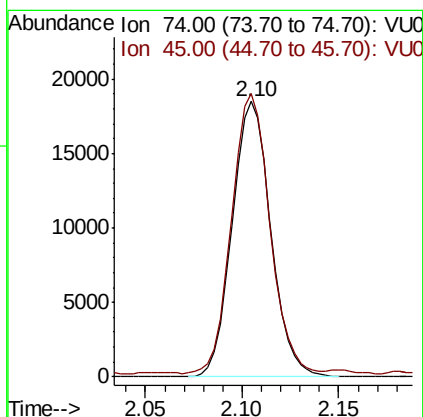
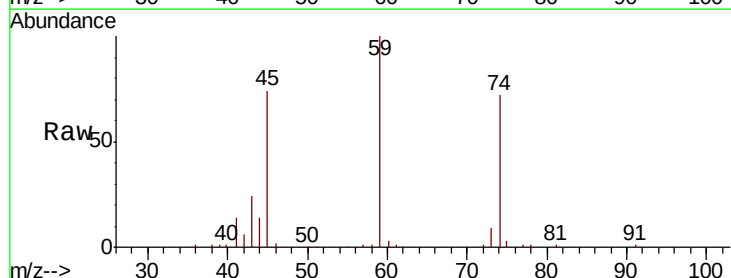
Tot Ion:101 Resp: 71886
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.2

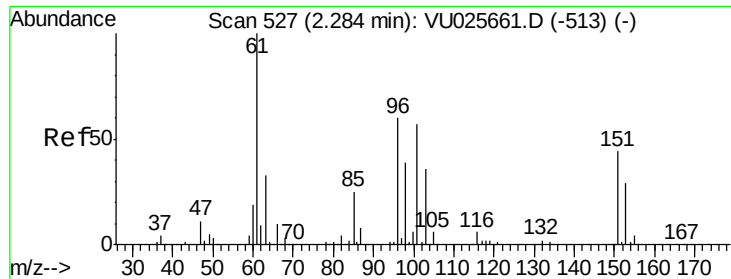


#8

Diethyl Ether
 Concen: 19.06 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Tgt Ion: 74 Resp: 25621
 Ion Ratio Lower Upper
 74 100
 45 100.0 48.3 144.9

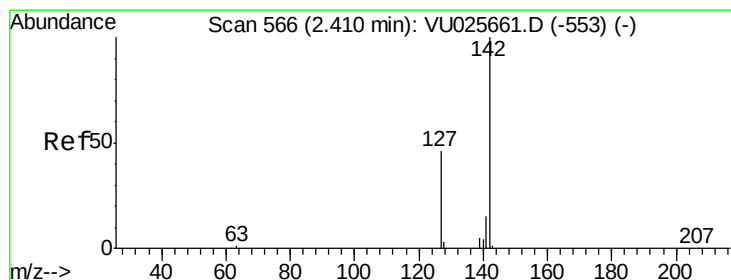
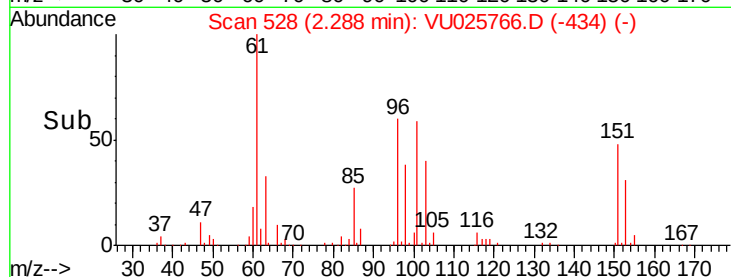
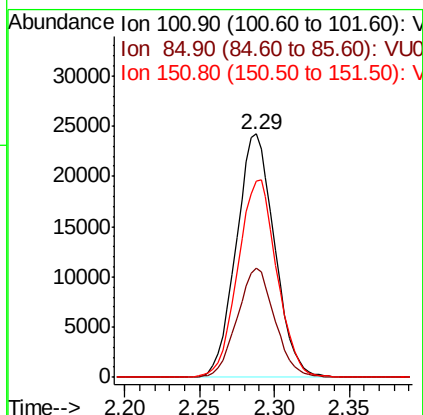
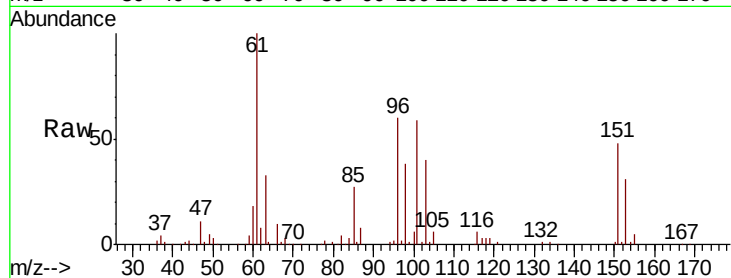




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.10 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

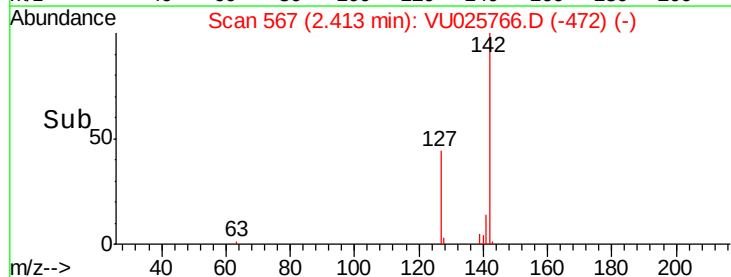
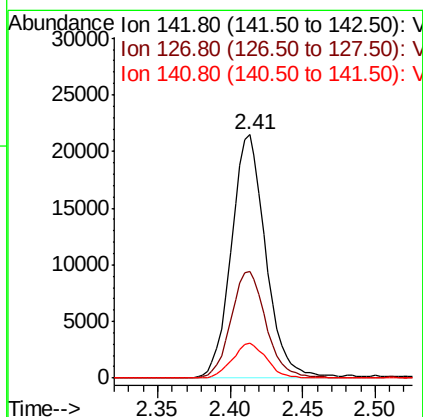
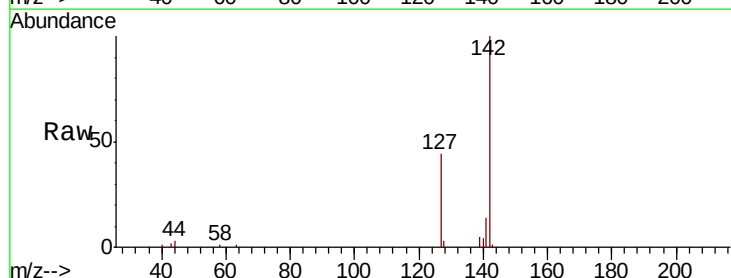
Instrument :
 MSVOA_U
 ClientSampled :

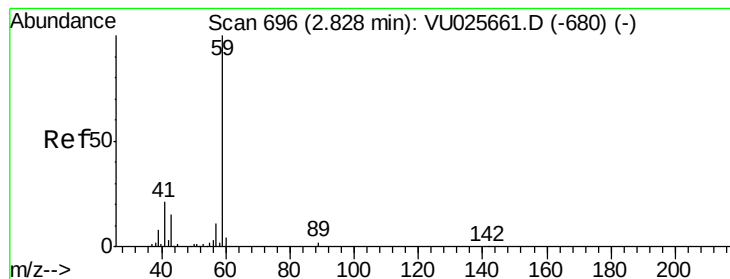
Tot Ion	Ratio	Lower	Upper
101	100		
85	43.8	36.0	54.0
151	82.5	65.6	98.4



#10
 Methyl Iodide
 Concen: 23.21 ug/l
 RT: 2.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.4	36.5	54.7
141	14.1	11.4	17.2



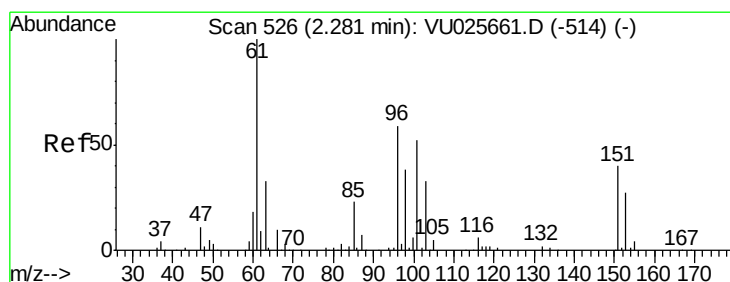
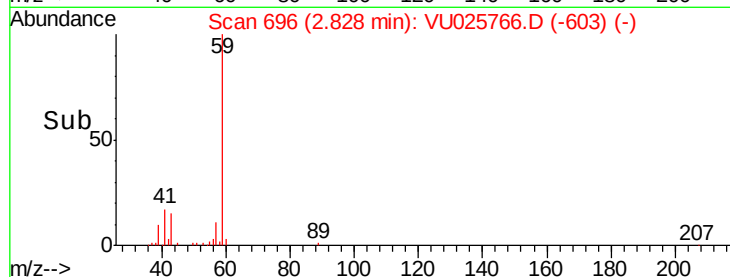
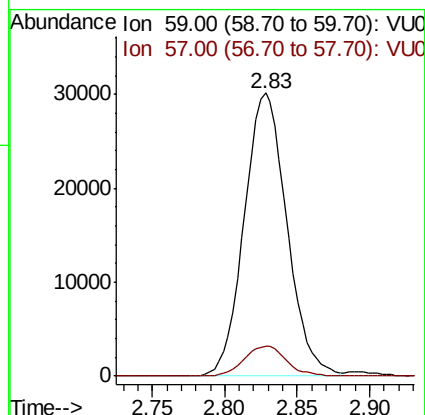
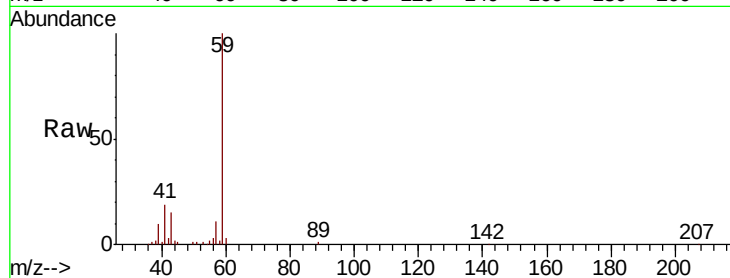


#11

Tert butyl alcohol
 Concen: 95.69 ug/l
 RT: 2.83 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Instrument :
 MSVOA_U
 ClientSampleId :

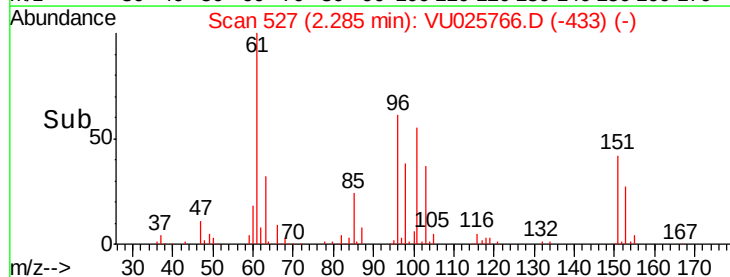
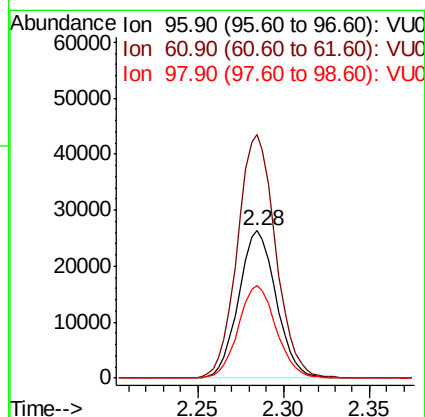
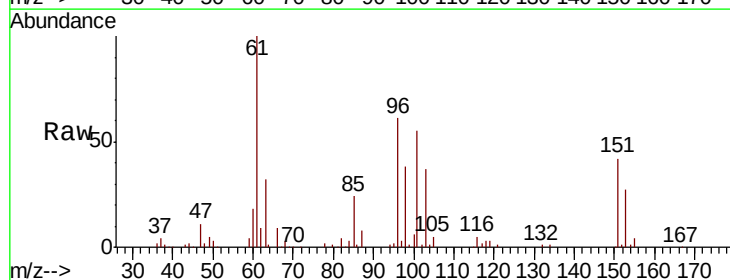
Tot Ion: 59 Resp: 61691
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

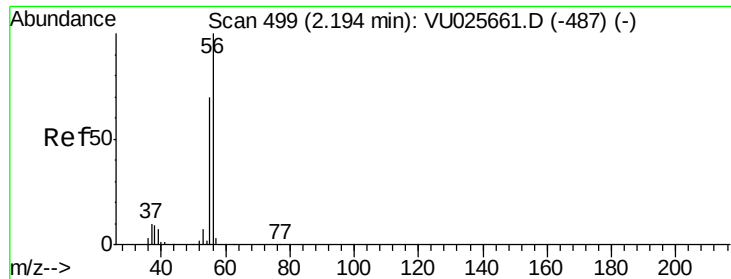


#12

1,1-Dichloroethene
 Concen: 19.61 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Tgt Ion: 96 Resp: 39791
 Ion Ratio Lower Upper
 96 100
 61 165.2 140.2 210.4
 98 63.2 49.3 73.9

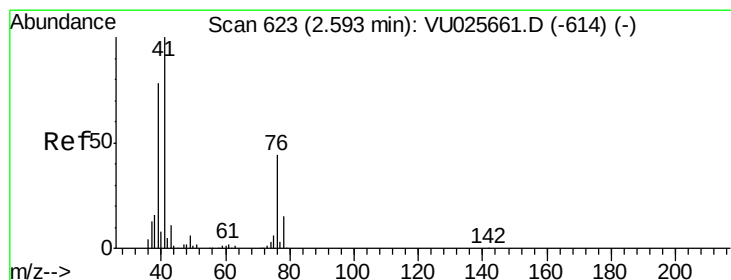
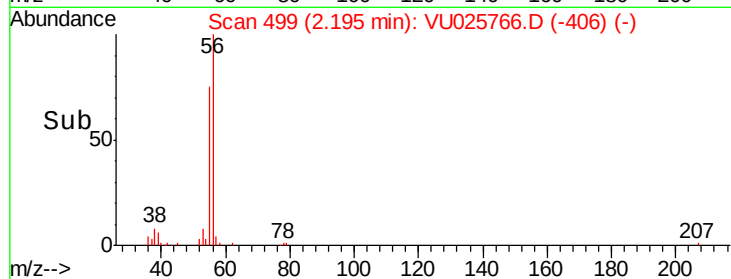
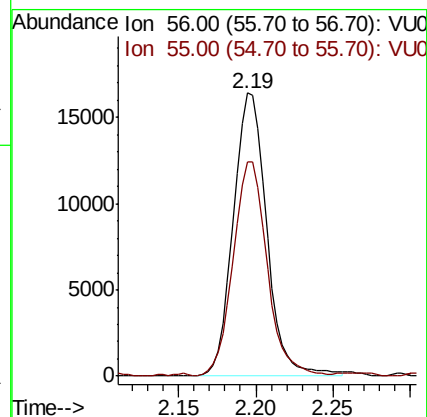
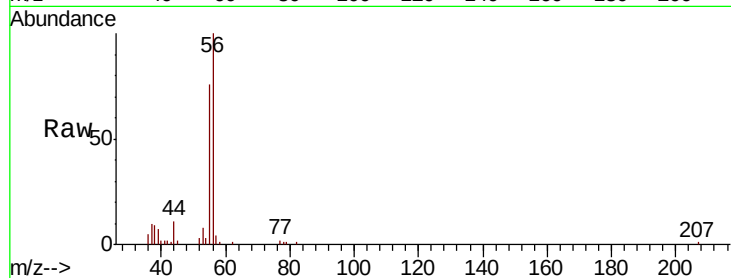




#13
Acrolein
Concen: 104.40 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

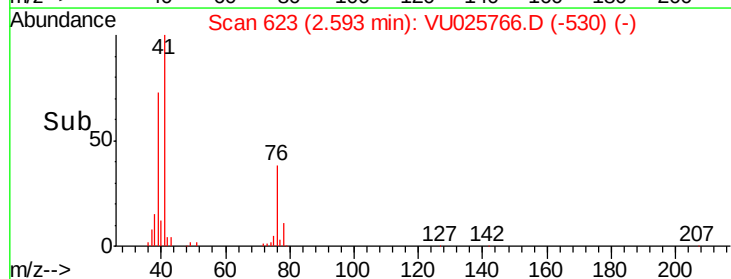
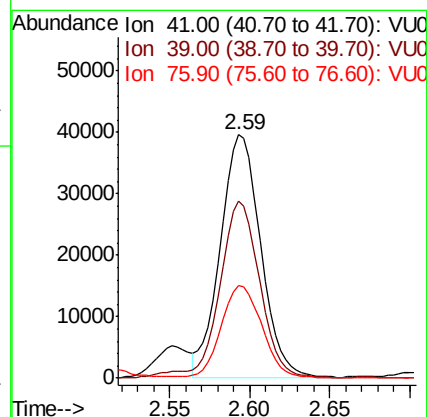
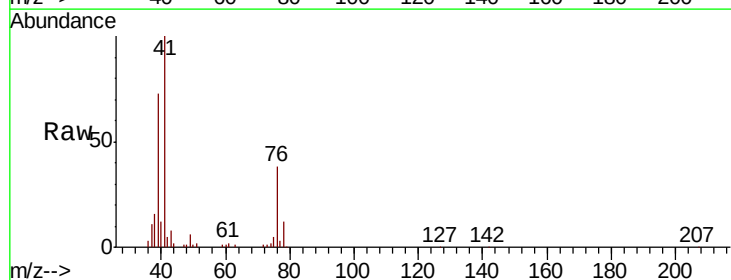
Instrument :
MSVOA_U
ClientSampleId :

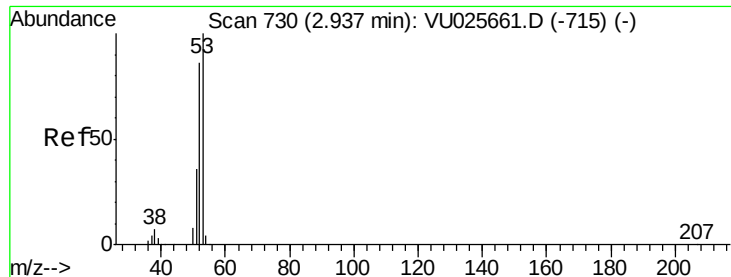
Tot Ion: 56 Resp: 24652
Ion Ratio Lower Upper
56 100
55 77.0 57.2 85.8



#14
Allyl chloride
Concen: 18.79 ug/l
RT: 2.59 min Scan# 623
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion: 41 Resp: 68525
Ion Ratio Lower Upper
41 100
39 73.2 60.6 91.0
76 38.3 30.5 45.7





#15

Acrylonitrile

Concen: 100.63 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :

MSVOA_U

ClientSampleId :

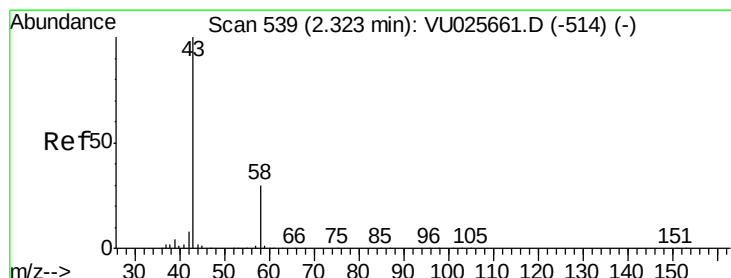
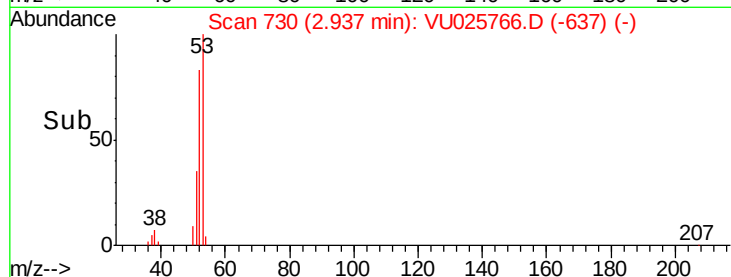
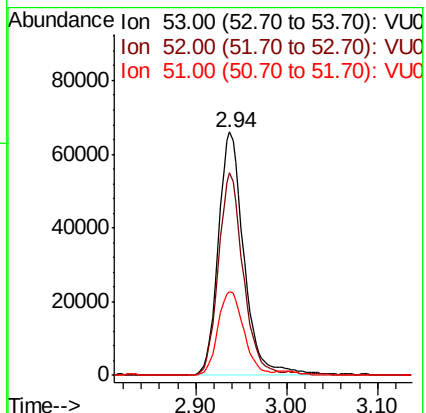
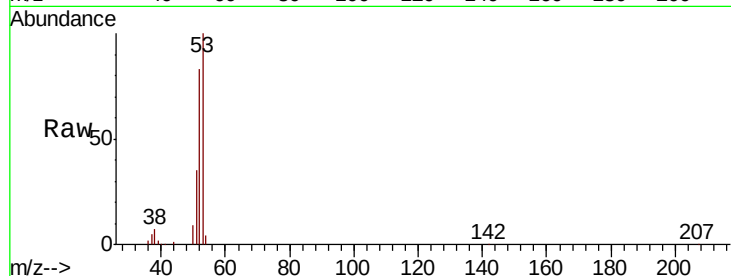
Tot Ion: 53 Resp: 129527

Ion Ratio Lower Upper

53 100

52 79.8 66.6 99.8

51 34.7 29.4 44.2



#16

Acetone

Concen: 100.30 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025766.D

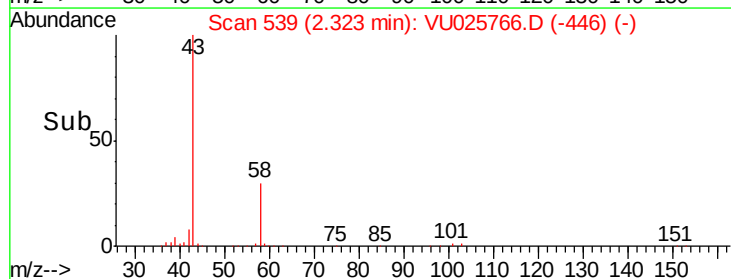
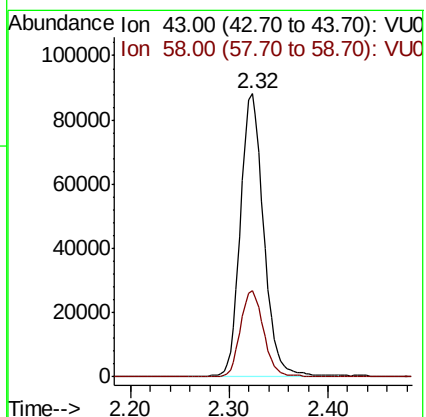
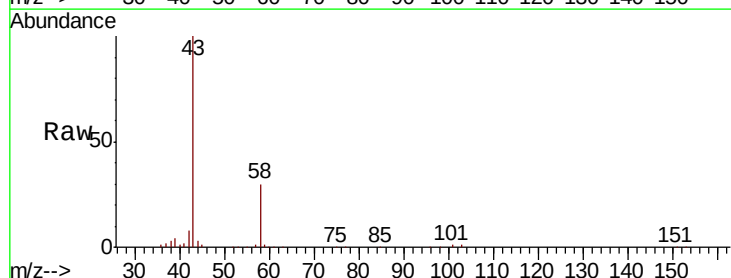
Acq: 01 Aug 2018 10:57

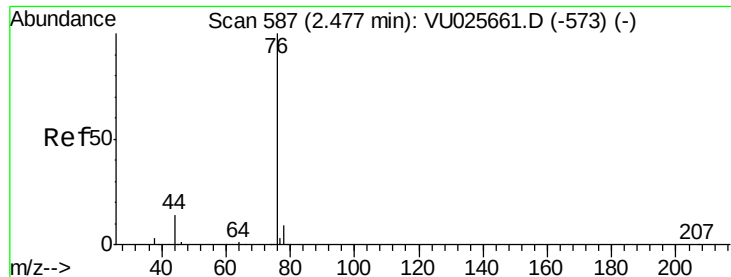
Tgt Ion: 43 Resp: 143990

Ion Ratio Lower Upper

43 100

58 30.4 23.1 34.7

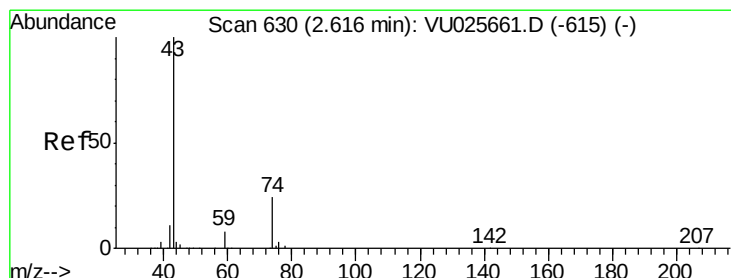
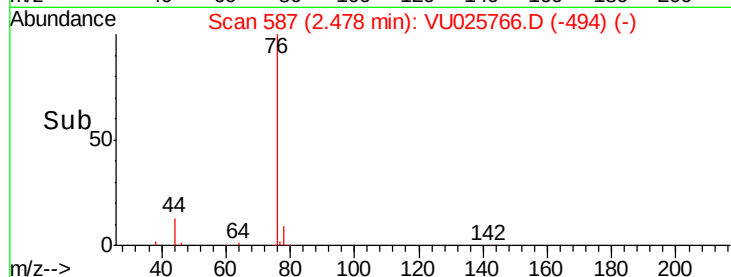
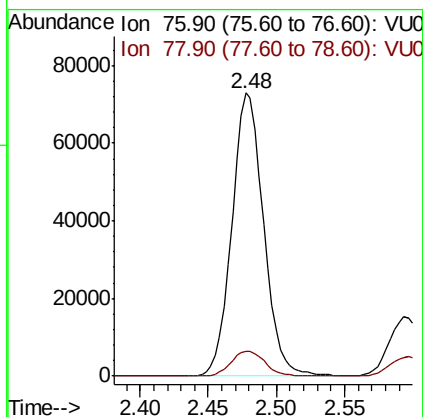
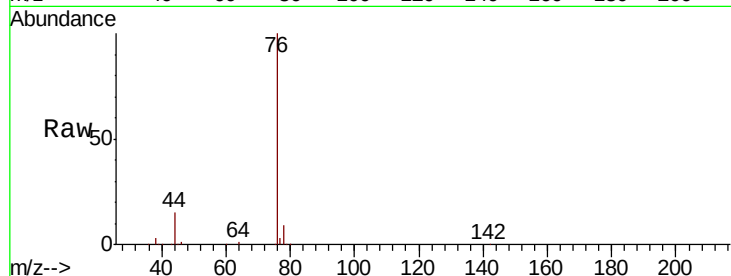




#17
Carbon Disulfide
Concen: 17.92 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

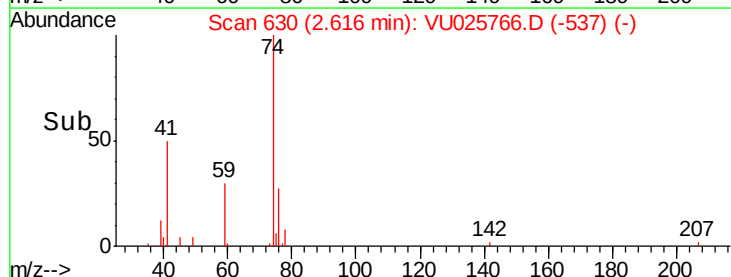
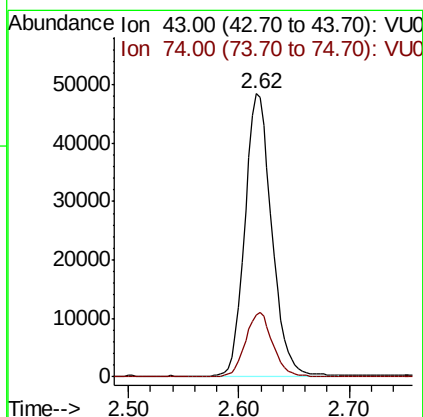
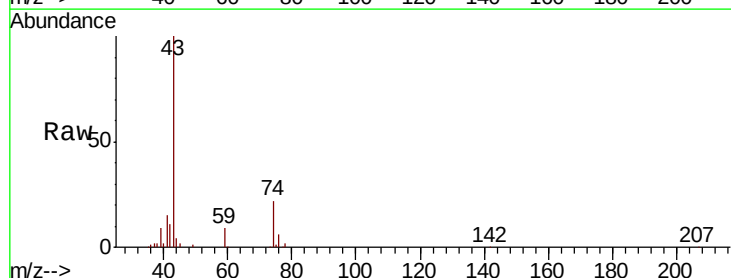
Instrument :
MSVOA_U
ClientSampleId :

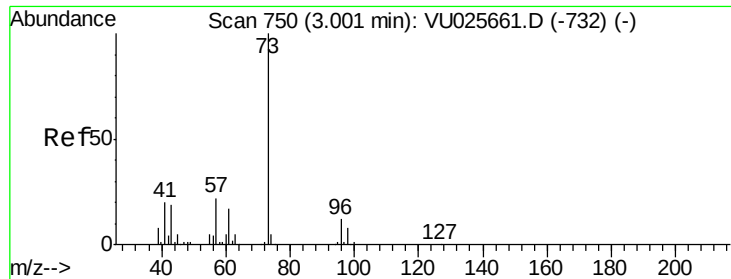
Tot Ion: 76 Resp: 117693
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 23.85 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion: 43 Resp: 82411
Ion Ratio Lower Upper
43 100
74 23.0 18.5 27.7

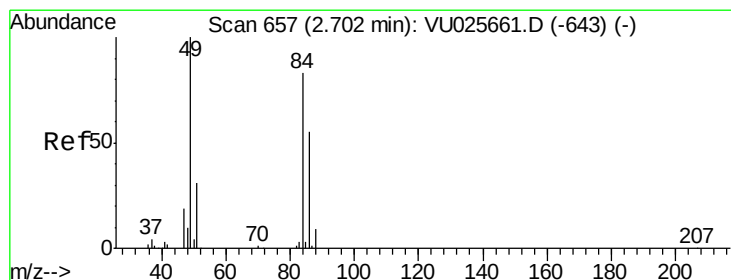
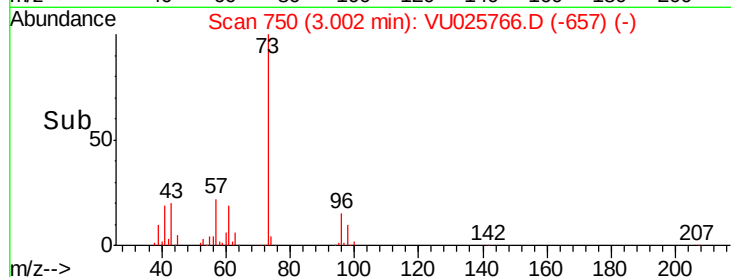
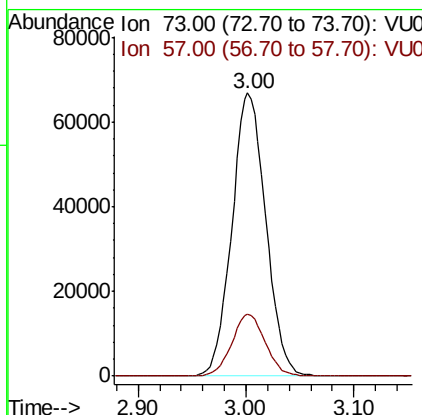
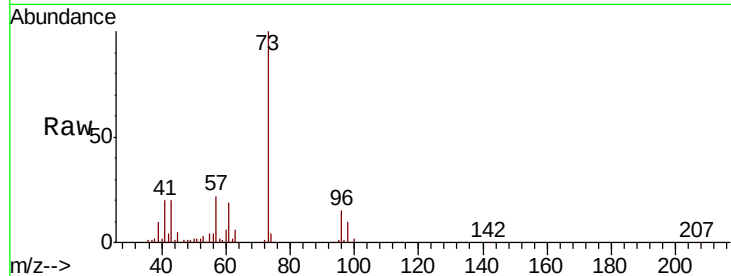




#19
Methyl tert-butyl Ether
Concen: 19.87 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

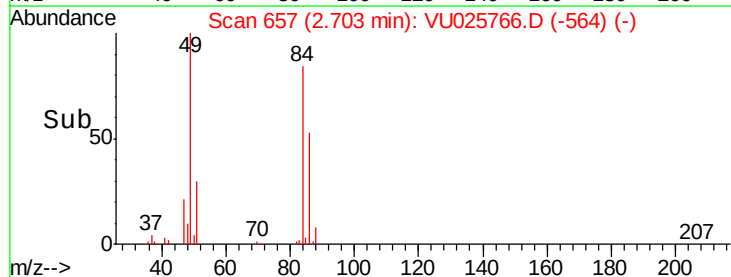
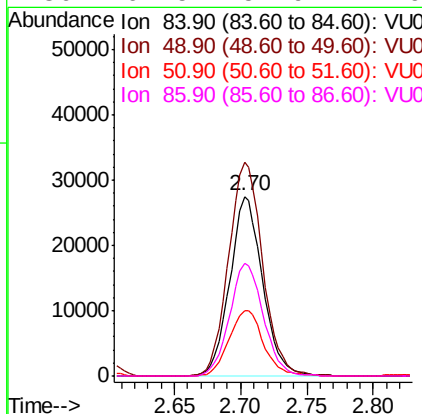
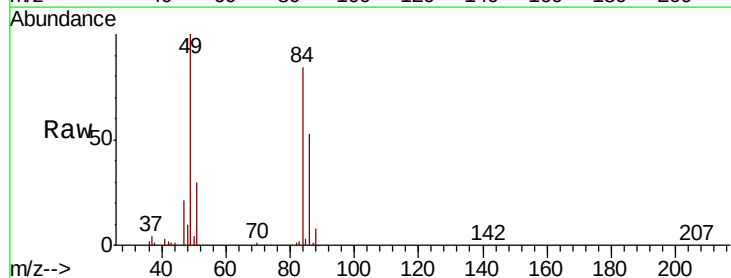
Instrument :
MSVOA_U
ClientSampleId :

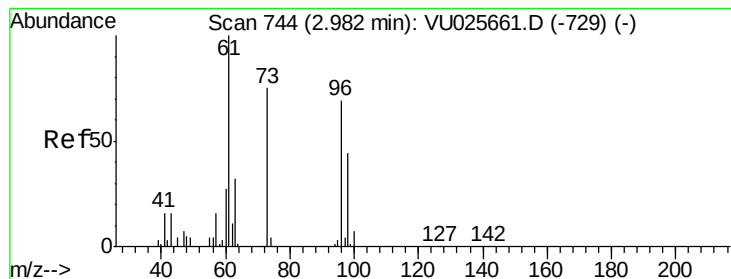
Tot Ion: 73 Resp: 146124
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 18.58 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion: 84 Resp: 47279
Ion Ratio Lower Upper
84 100
49 118.8 101.8 152.6
51 36.2 30.8 46.2
86 62.5 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 19.57 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :

MSVOA_U

ClientSampleId :

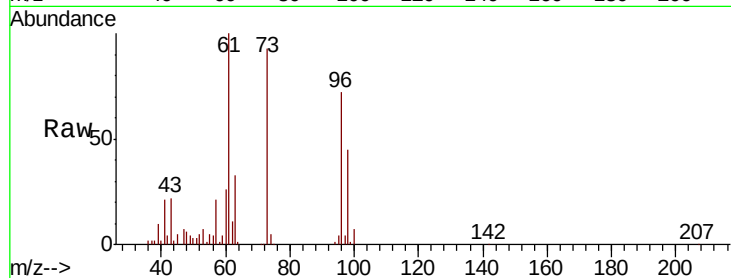
Tot Ion: 96 Resp: 45916

Ion Ratio Lower Upper

96 100

61 138.8 114.5 171.7

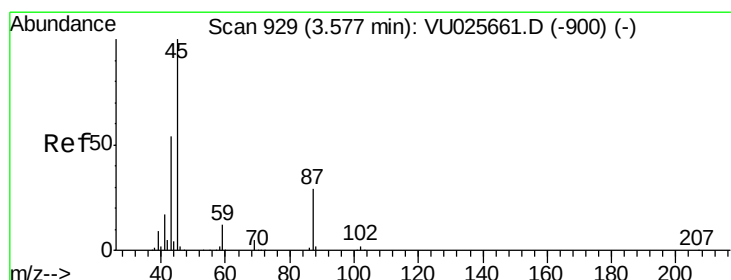
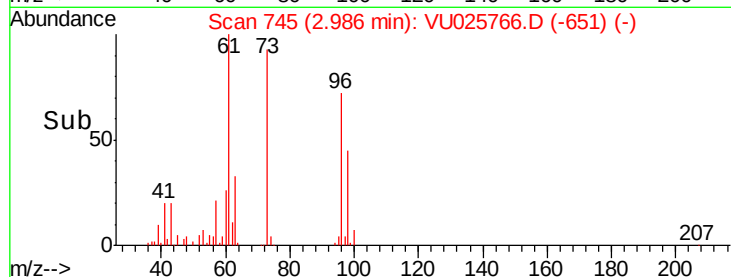
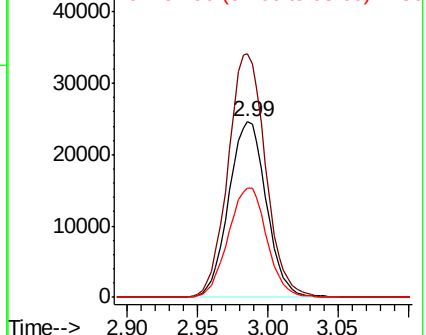
98 62.2 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 19.99 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Tgt Ion: 45 Resp: 143641

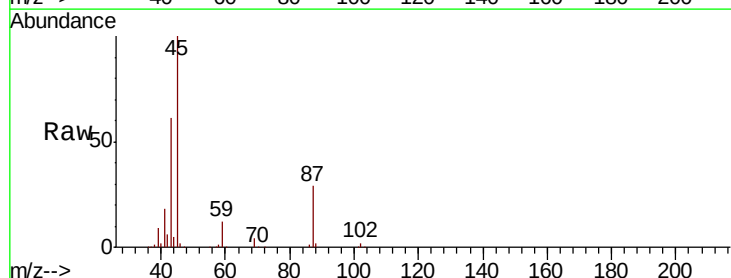
Ion Ratio Lower Upper

45 100

43 59.5 50.9 76.3

87 29.5 23.8 35.8

59 11.6 9.0 13.4

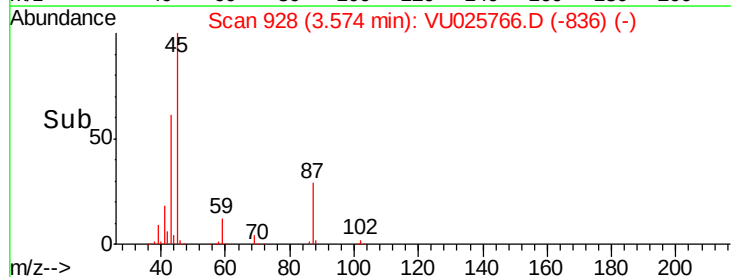
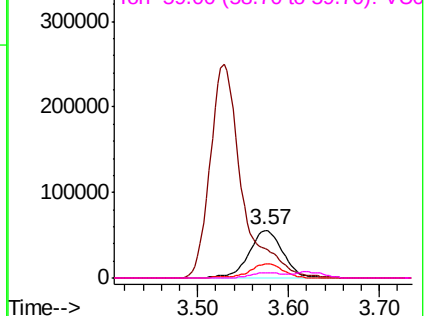


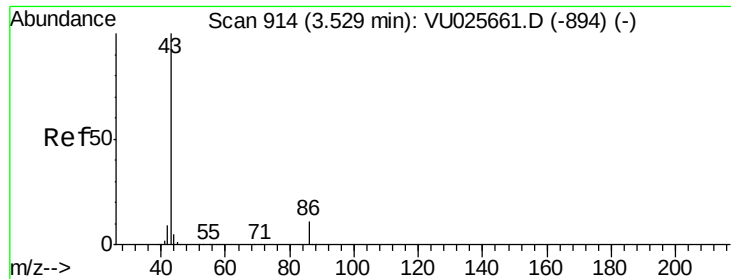
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 97.47 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

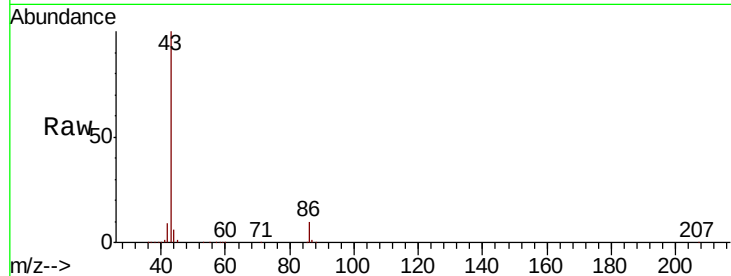
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 610358

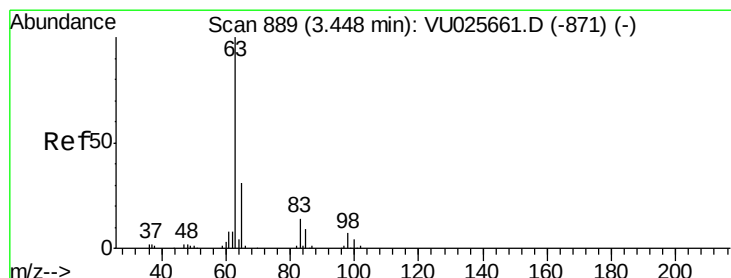
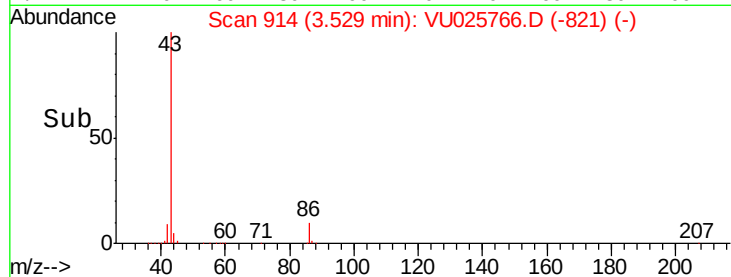
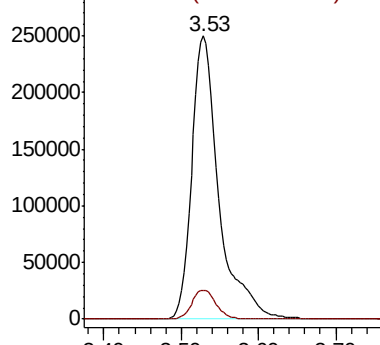
Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 20.07 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

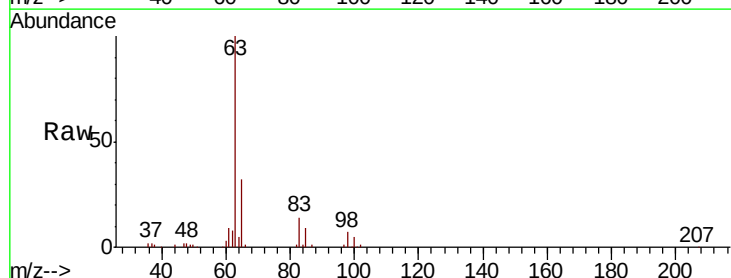
Tgt Ion: 63 Resp: 86573

Ion Ratio Lower Upper

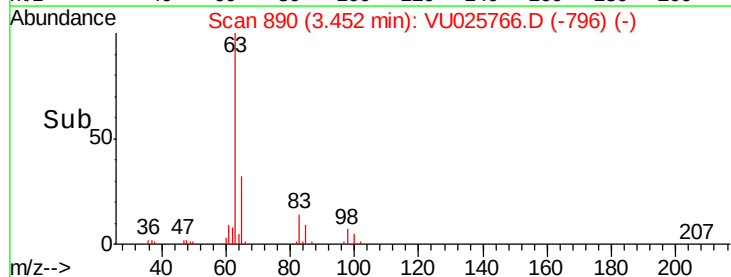
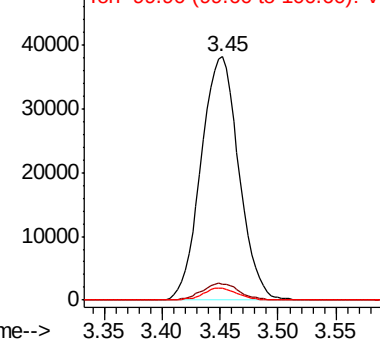
63 100

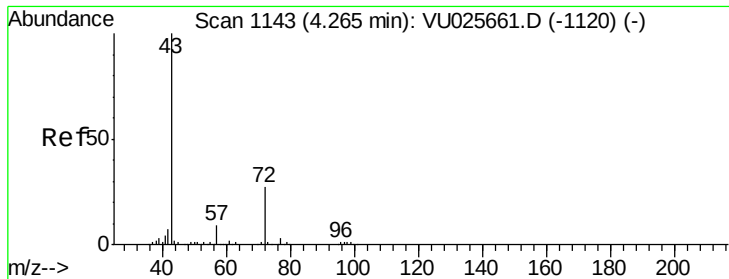
98 6.7 3.4 10.1

100 4.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU0
Ion 97.90 (97.60 to 98.60): VU0
Ion 99.90 (99.60 to 100.60): VU0

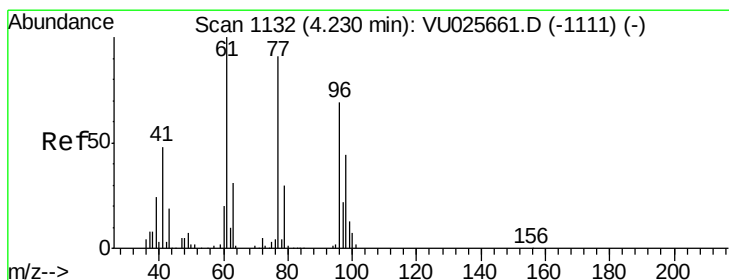
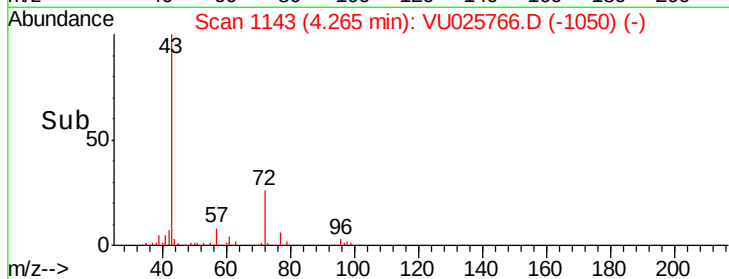
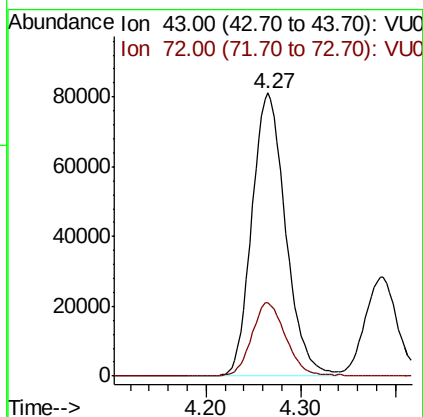
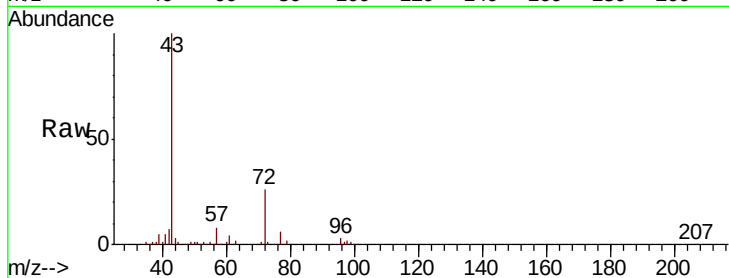




#25
2-Butanone
Concen: 102.83 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

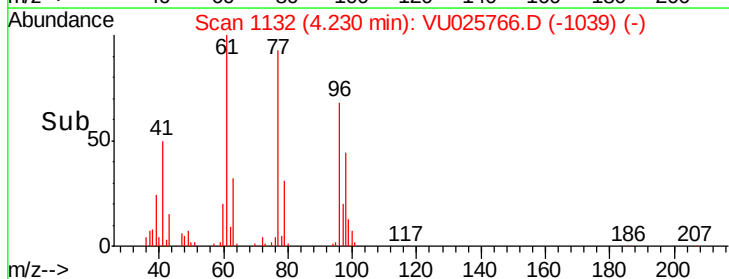
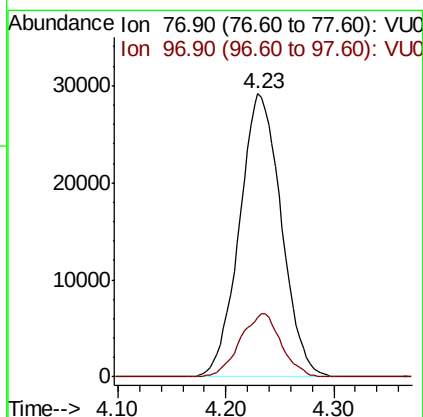
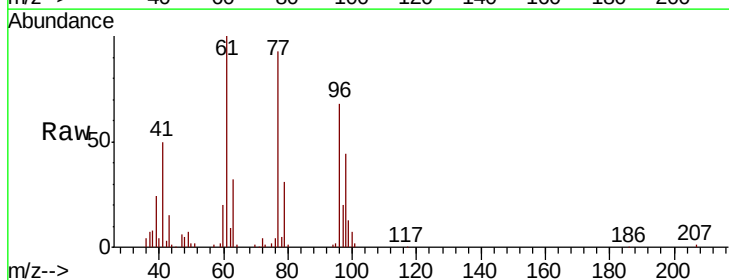
Instrument :
MSVOA_U
ClientSampleId :

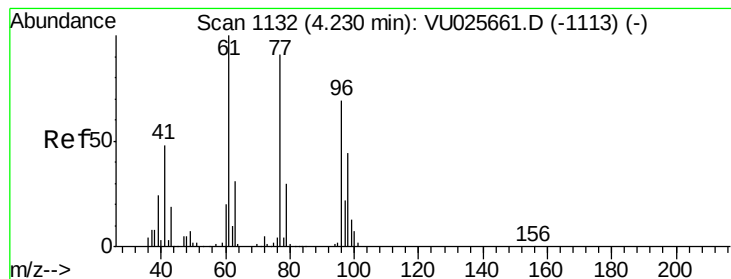
Tot Ion: 43 Resp: 200964
Ion Ratio Lower Upper
43 100
72 26.1 21.0 31.4



#26
2,2-Dichloropropane
Concen: 20.02 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion: 77 Resp: 78493
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.46 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :
MSVOA_U
ClientSampled :

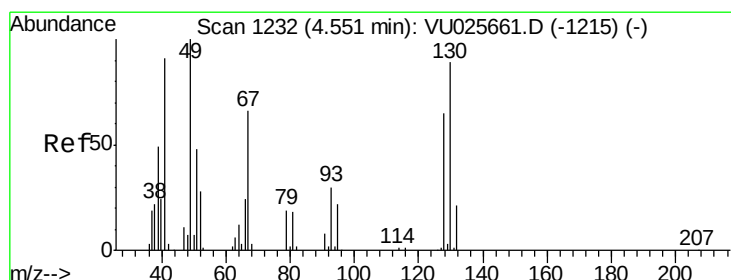
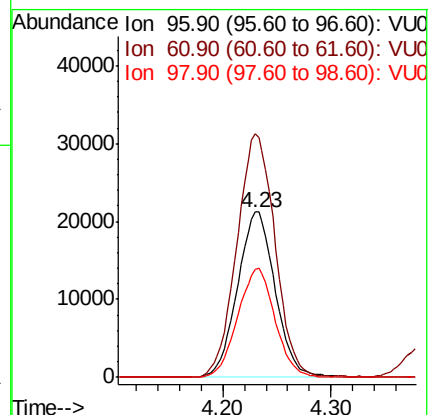
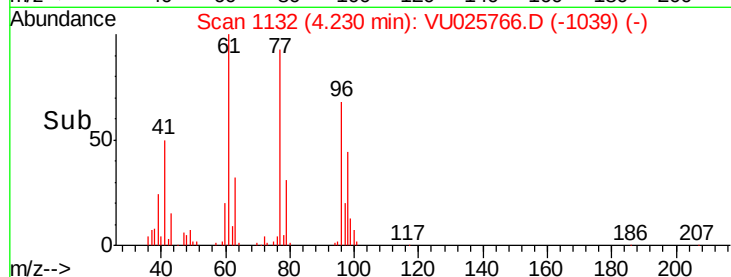
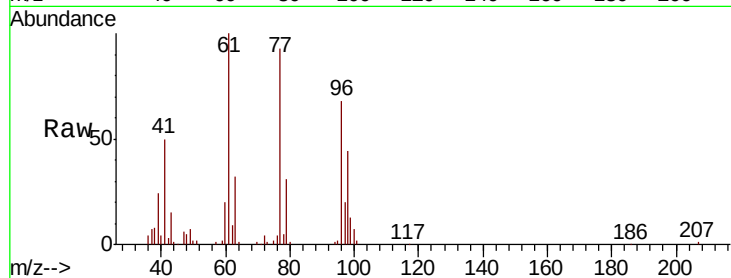
Tot Ion: 96 Resp: 51471

Ion Ratio Lower Upper

96 100

61 149.1 0.0 299.8

98 65.6 0.0 128.6



#28

Bromochloromethane

Concen: 20.78 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

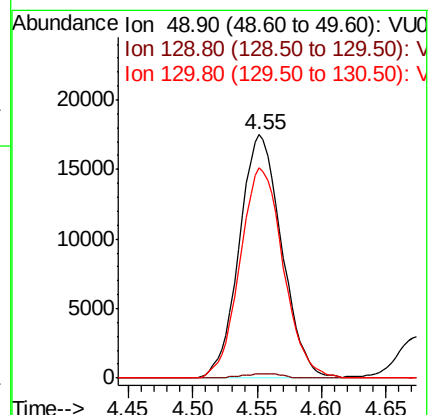
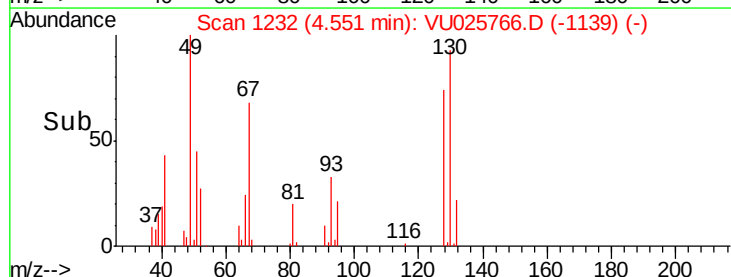
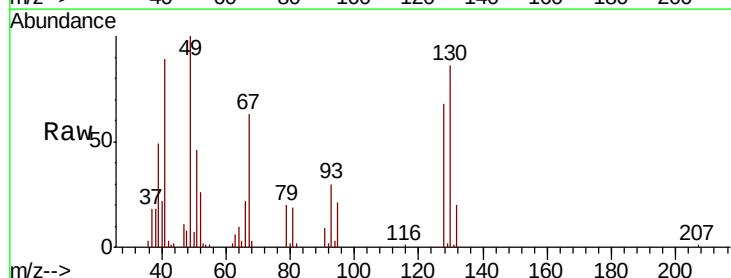
Tgt Ion: 49 Resp: 40079

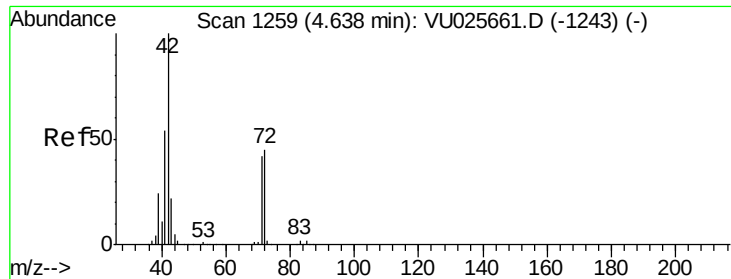
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.6

130 88.1 68.6 102.8

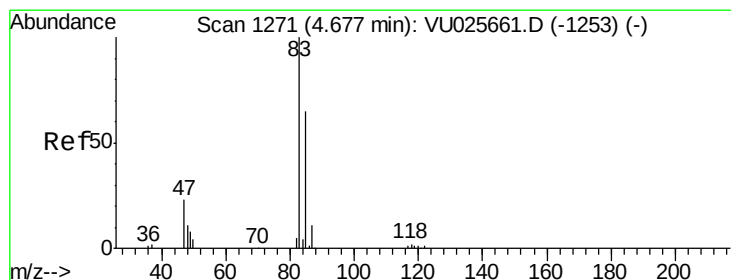
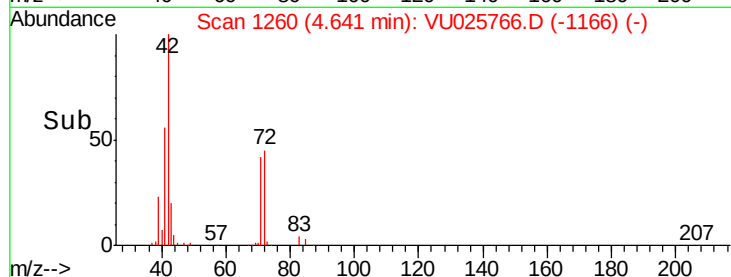
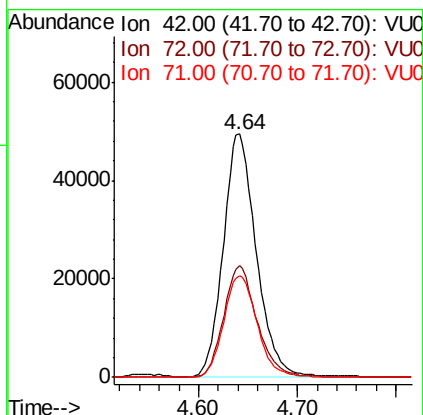
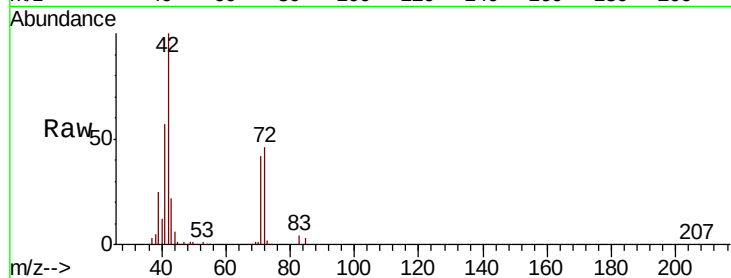




#29
Tetrahydrofuran
Concen: 98.49 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

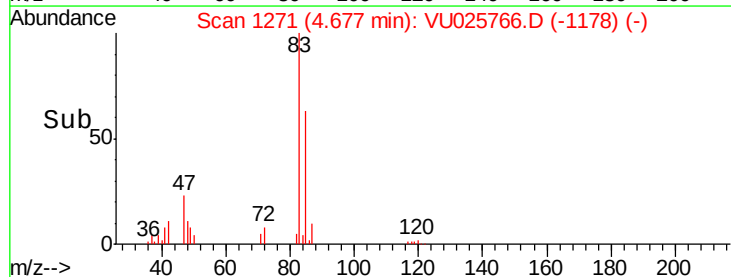
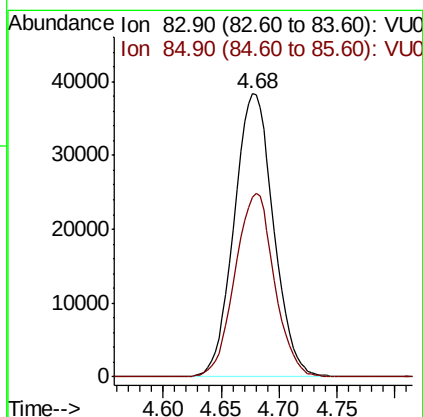
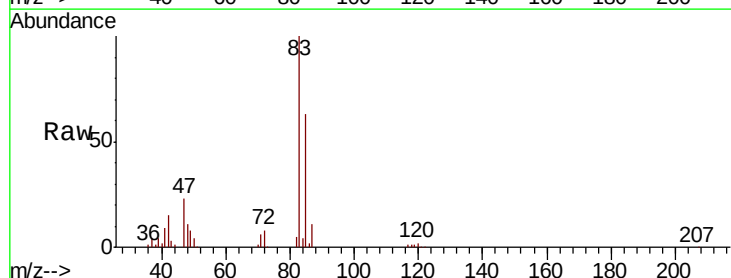
Instrument :
MSVOA_U
ClientSampleId :

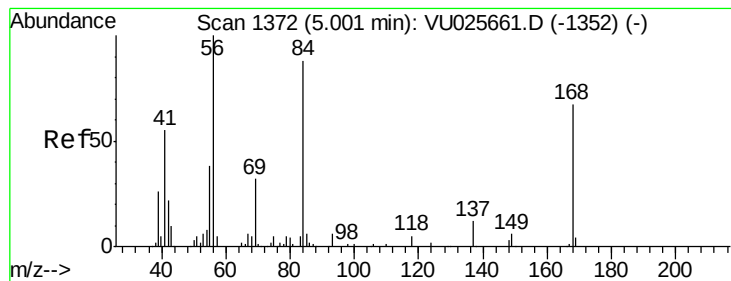
Tot Ion: 42 Resp: 115318
Ion Ratio Lower Upper
42 100
72 46.6 36.7 55.1
71 42.5 33.9 50.9



#30
Chloroform
Concen: 19.88 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion: 83 Resp: 90536
Ion Ratio Lower Upper
83 100
85 63.4 51.5 77.3





#31

Cyclohexane

Concen: 18.98 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :
MSVOA_U
ClientSampleId :

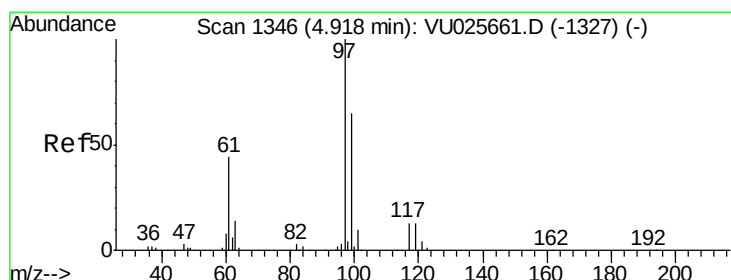
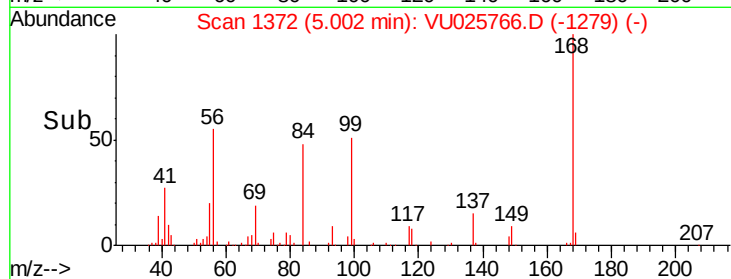
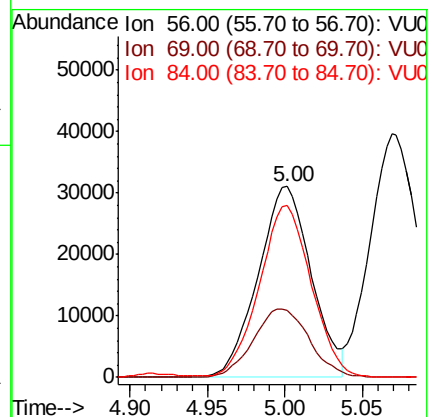
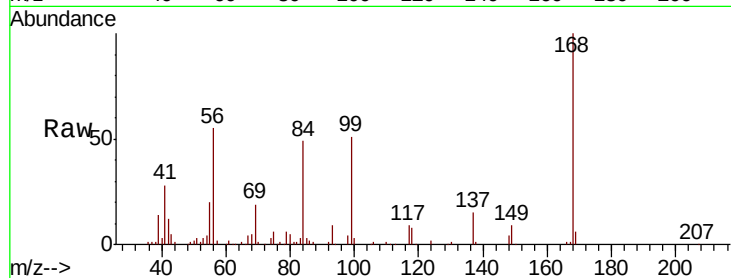
Tot Ion: 56 Resp: 74364

Ion Ratio Lower Upper

56 100

69 34.9 26.8 40.2

84 89.3 69.7 104.5



#32

1,1,1-Trichloroethane

Concen: 19.66 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

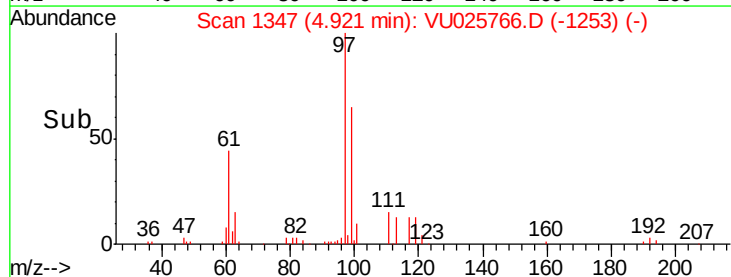
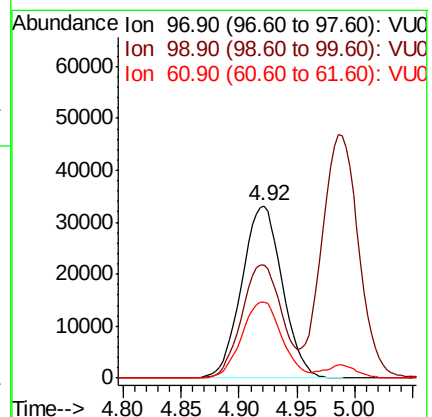
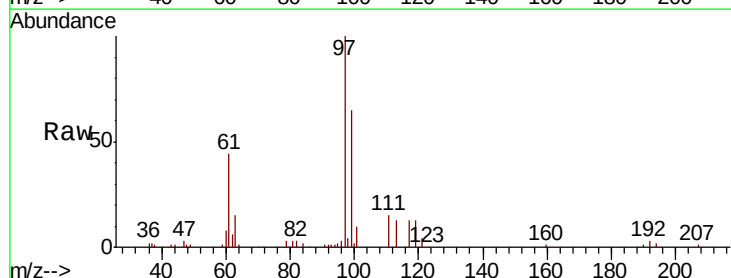
Tgt Ion: 97 Resp: 80607

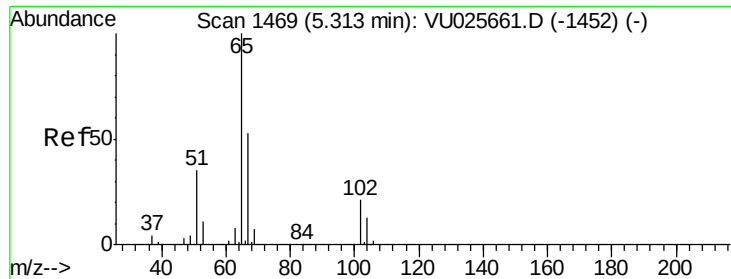
Ion Ratio Lower Upper

97 100

99 64.9 50.8 76.2

61 44.0 35.2 52.8

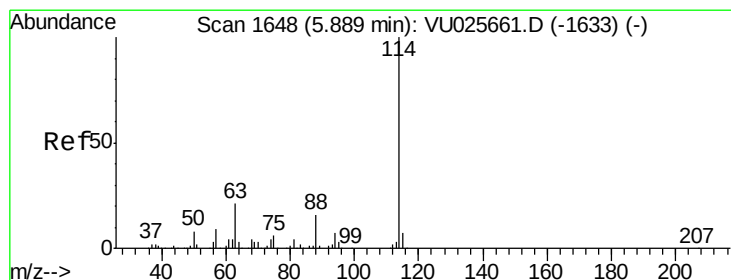
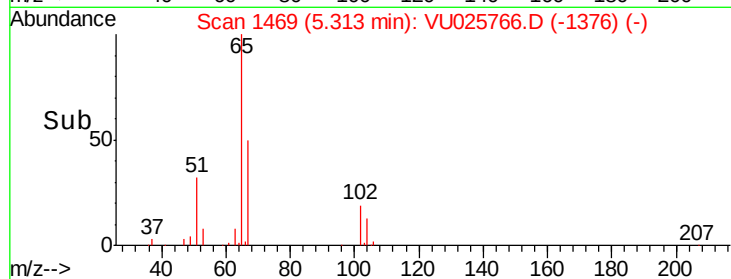
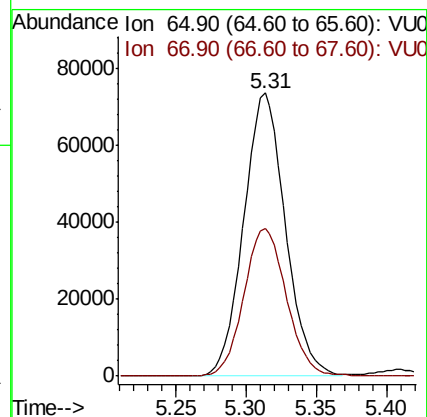
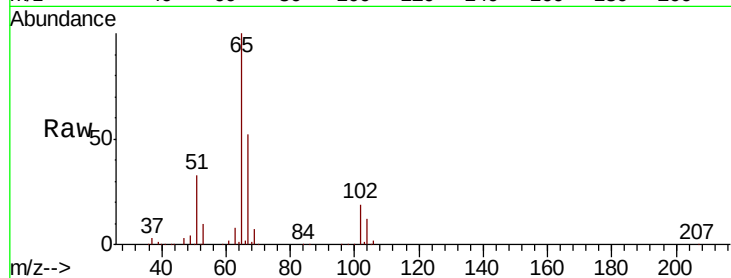




#33
 1,2-Dichloroethane-d4
 Concen: 51.64 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

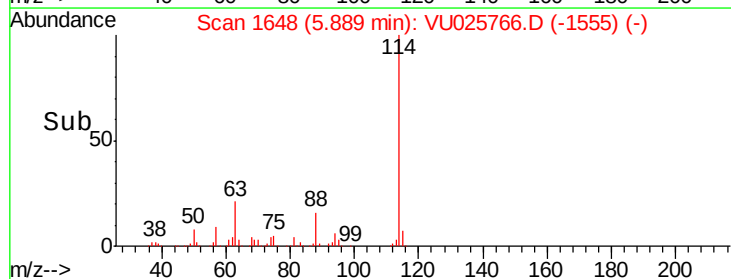
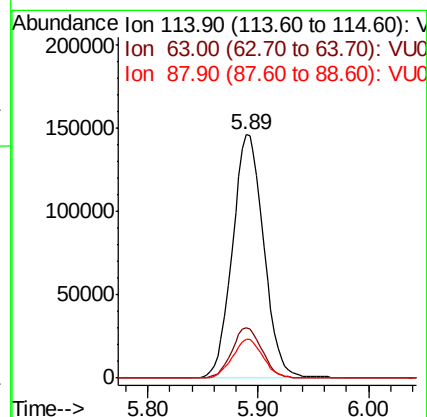
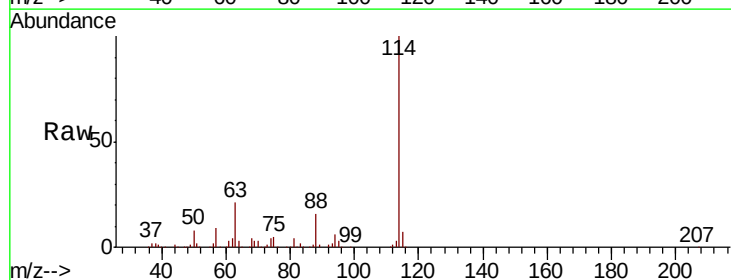
Instrument :
 MSVOA_U
 ClientSampleId :

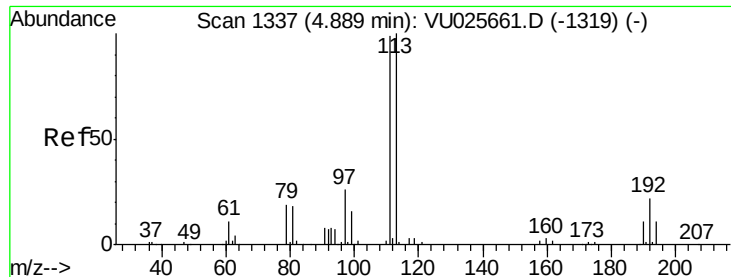
Tot Ion: 65 Resp: 152058
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Tgt Ion: 114 Resp: 287538
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.6
 88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.07 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :
MSVOA_U
ClientSampleId :

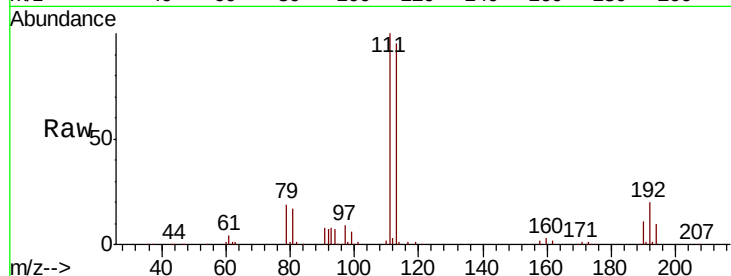
Tot Ion:113 Resp: 125226

Ion Ratio Lower Upper

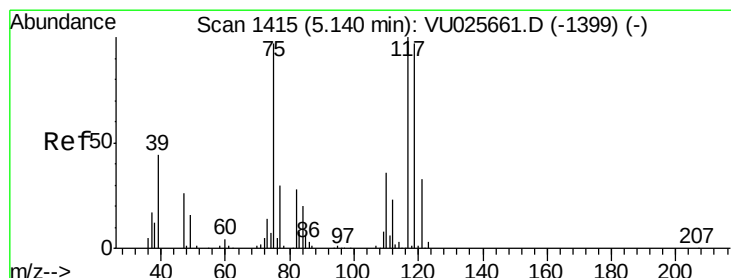
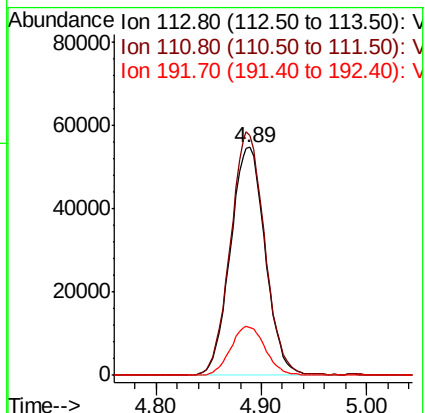
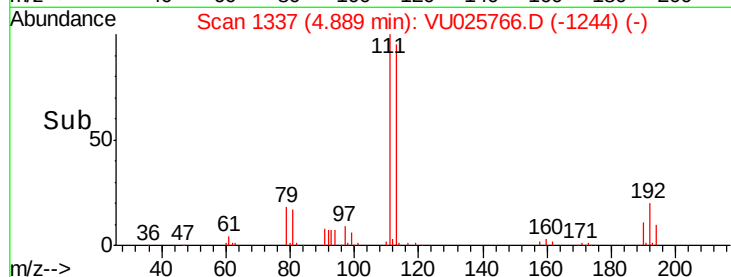
113 100

111 104.8 81.7 122.5

192 21.4 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.86 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

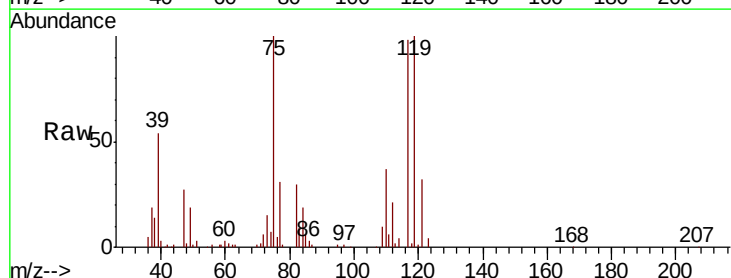
Tgt Ion: 75 Resp: 63370

Ion Ratio Lower Upper

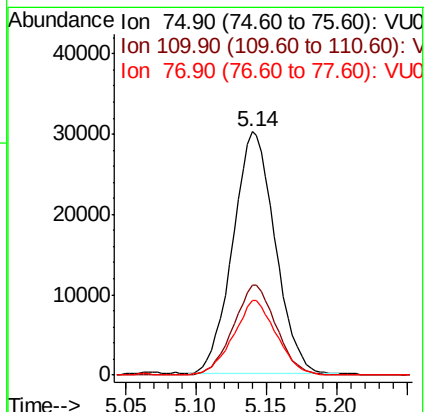
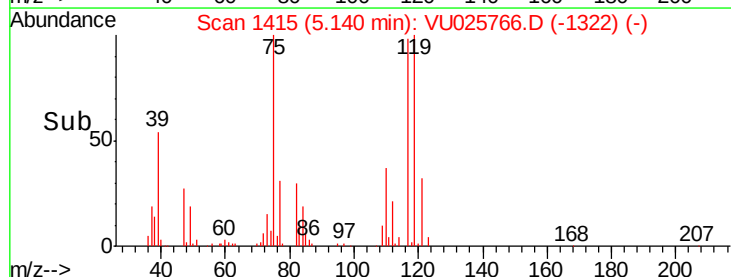
75 100

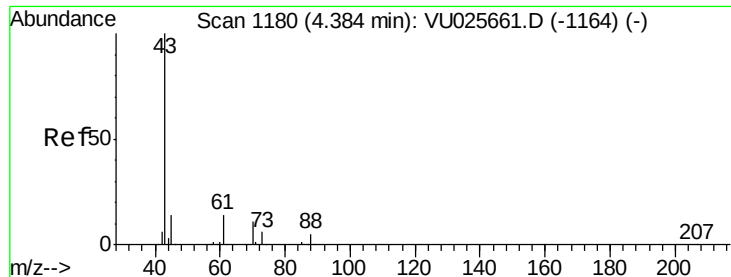
110 37.4 17.6 52.9

77 31.3 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VU0

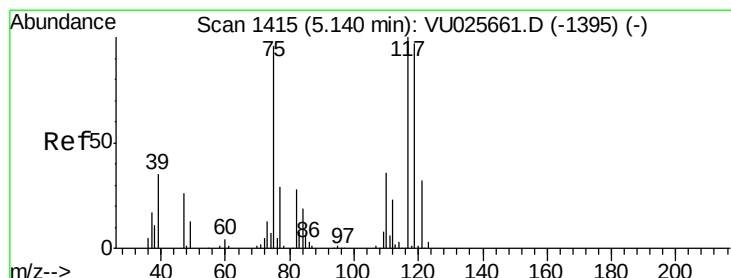
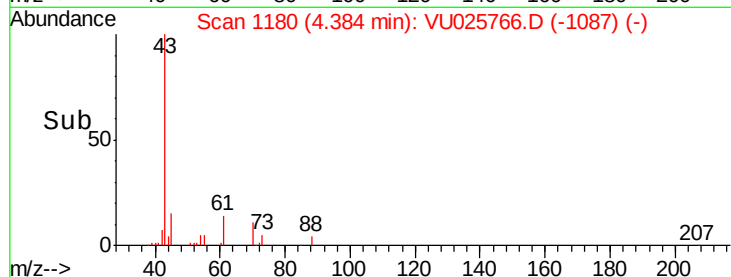
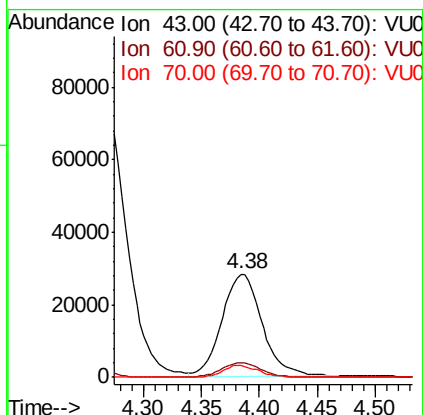
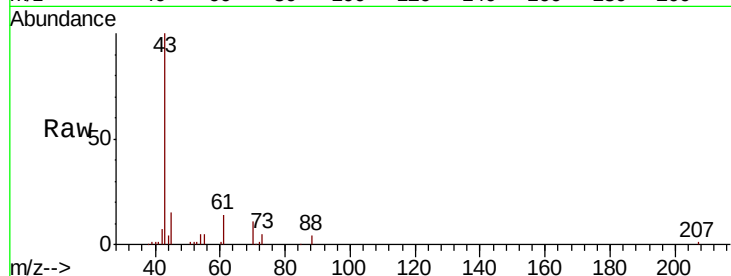




#37
Ethyl Acetate
Concen: 19.46 ug/l
RT: 4.38 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

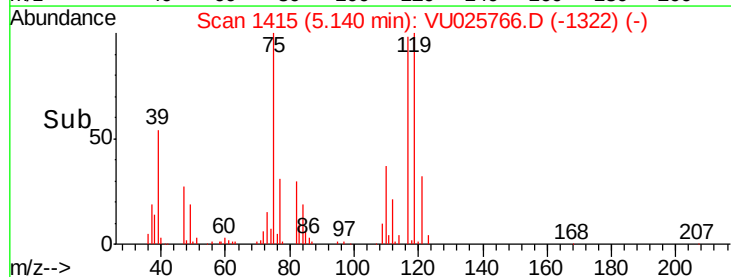
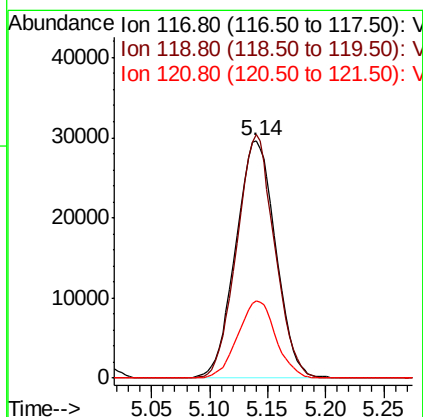
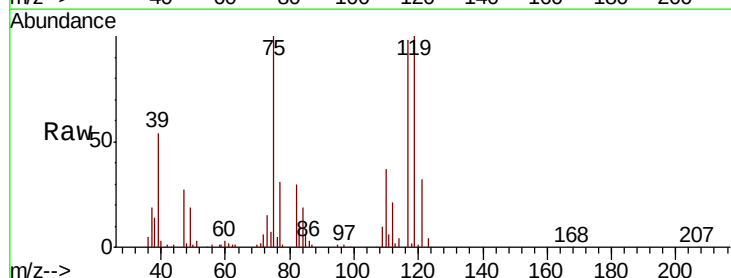
Instrument :
MSVOA_U
ClientSampleId :

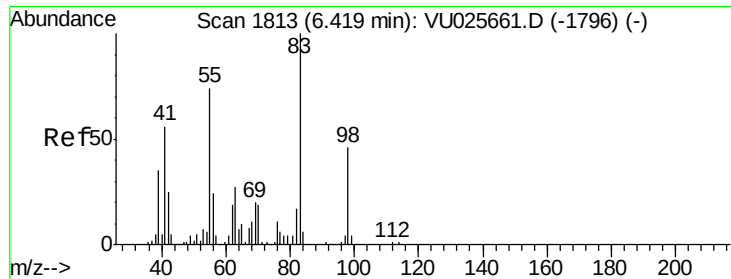
Tot Ion: 43 Resp: 67795
Ion Ratio Lower Upper
43 100
61 14.3 10.7 16.1
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 18.63 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion: 117 Resp: 70890
Ion Ratio Lower Upper
117 100
119 102.4 75.7 113.5
121 32.3 24.6 36.8

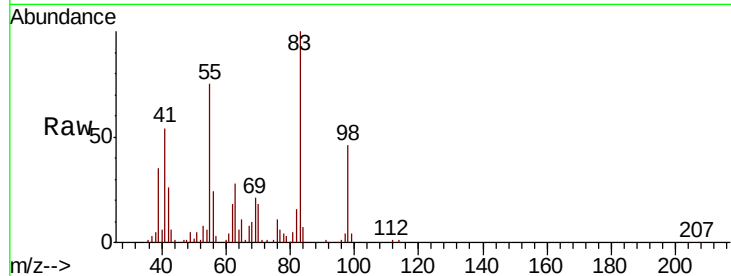




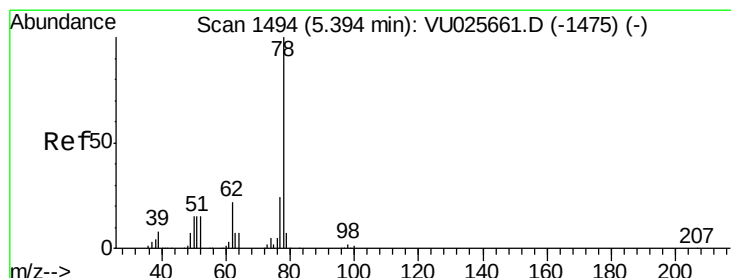
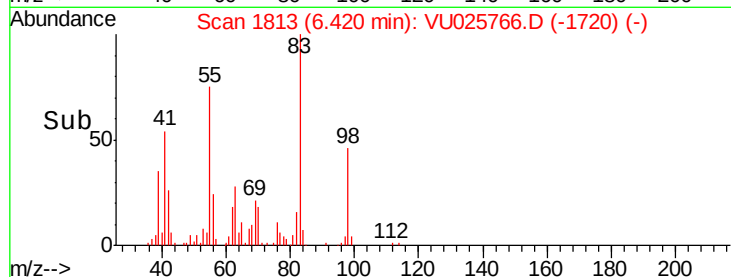
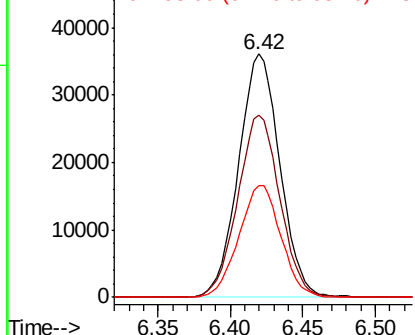
#39
Methylvlcyclohexane
Concen: 18.55 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 71414
Ion Ratio Lower Upper
83 100
55 74.9 60.0 90.0
98 45.9 36.1 54.1

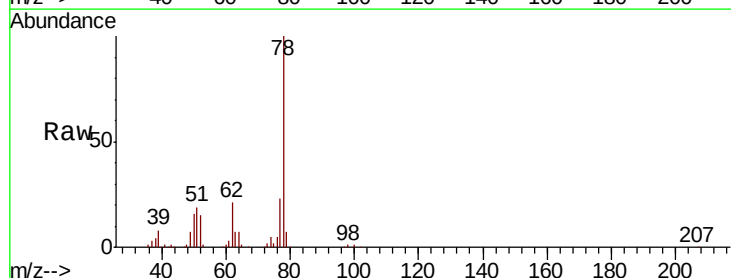


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

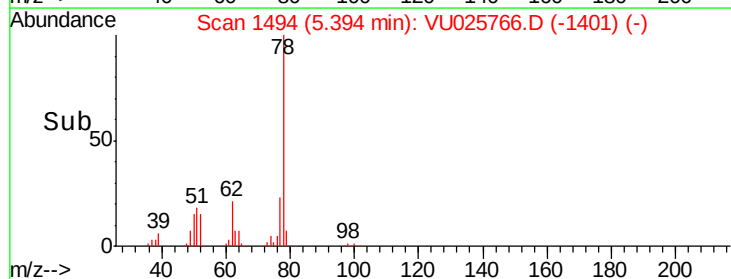
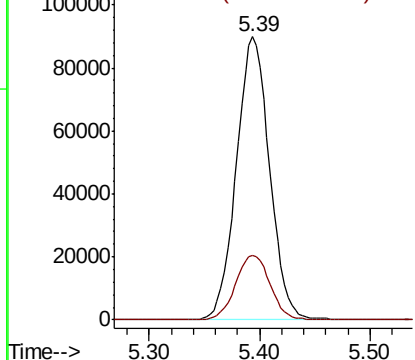


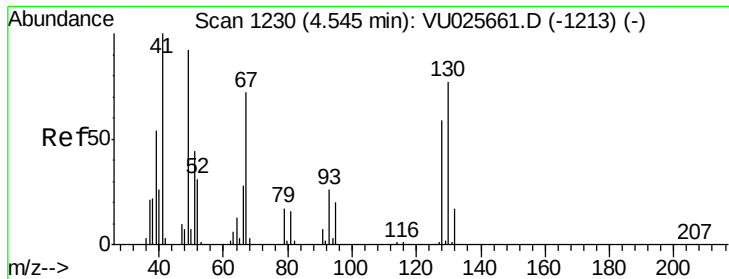
#40
Benzene
Concen: 19.05 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion: 78 Resp: 187079
Ion Ratio Lower Upper
78 100
77 22.9 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

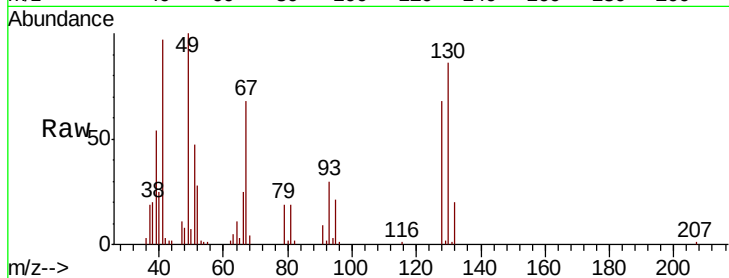




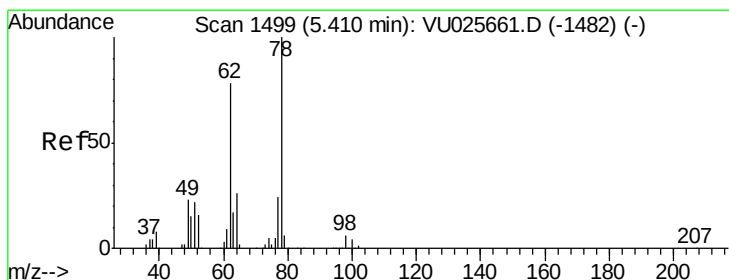
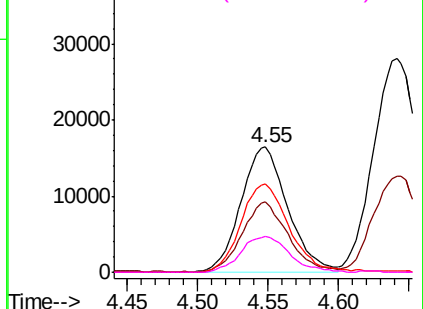
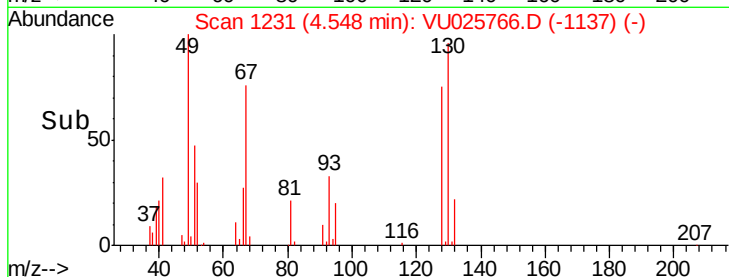
#41
Methacrylonitrile
Concen: 19.82 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	38362
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.4	66.6
67	71.9	56.0	84.0
52	29.6	24.6	36.8

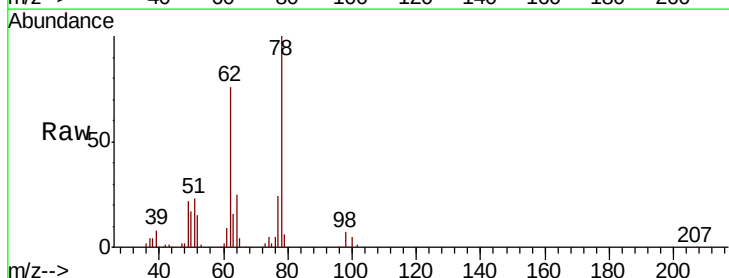


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

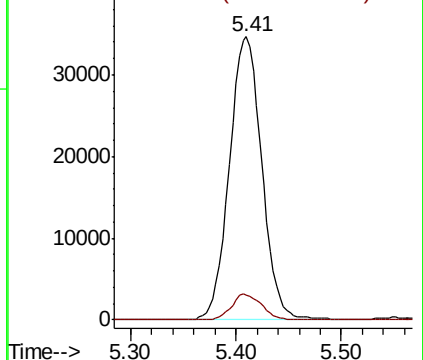
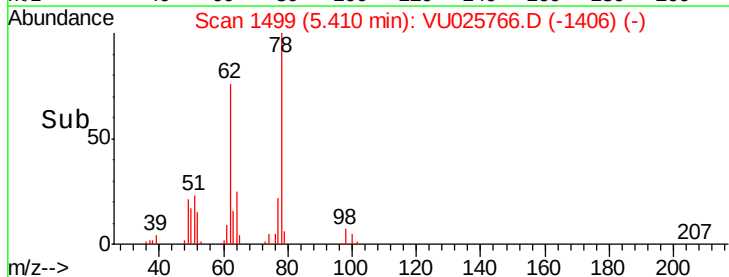


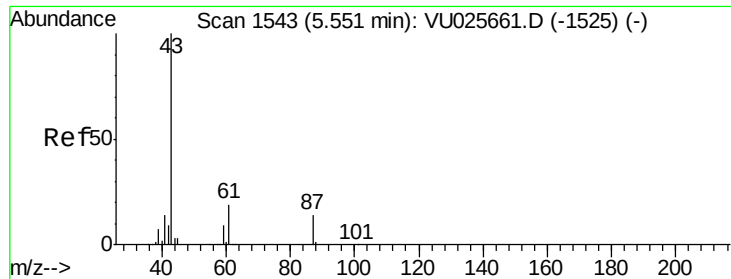
#42
1,2-Dichloroethane
Concen: 19.51 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion:	62	Resp:	73775
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.4



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 19.36 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :

MSVOA_U

ClientSampleId :

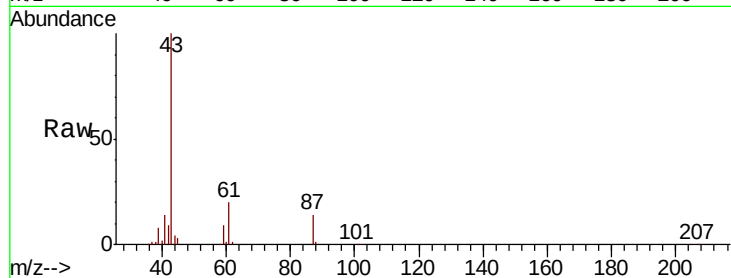
Tot Ion: 43 Resp: 111494

Ion Ratio Lower Upper

43 100

61 19.7 15.5 23.3

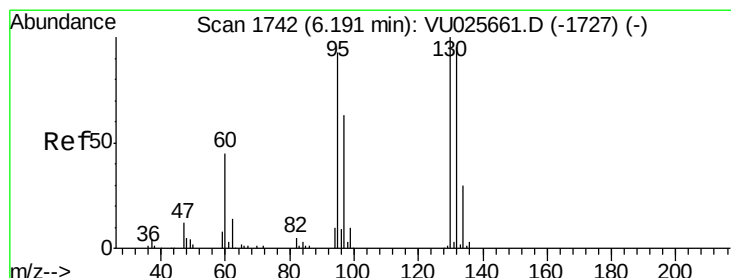
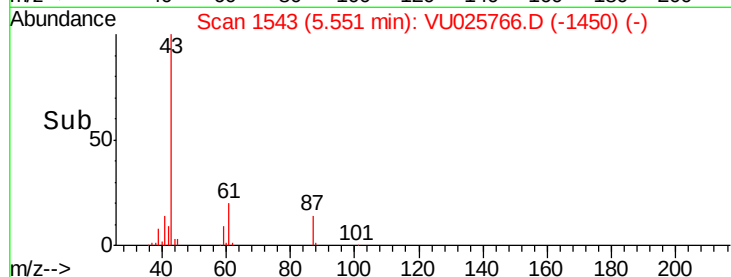
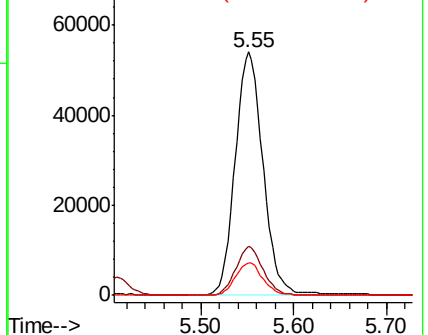
87 13.2 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-1525) (-)

Ion 61.00 (60.70 to 61.70): VU025661.D (-1525) (-)

Ion 87.00 (86.70 to 87.70): VU025661.D (-1525) (-)



#44

Trichloroethene

Concen: 19.17 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025766.D

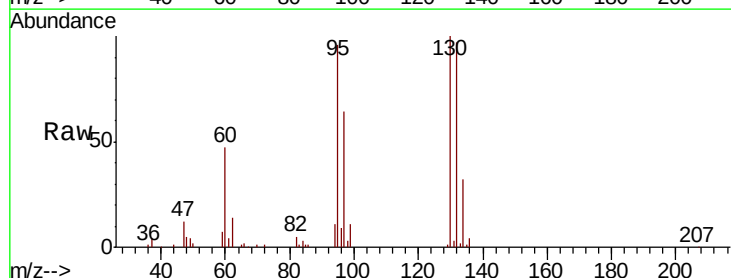
Acq: 01 Aug 2018 10:57

Tgt Ion:130 Resp: 52432

Ion Ratio Lower Upper

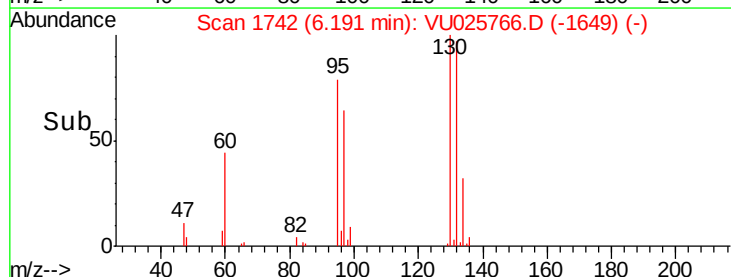
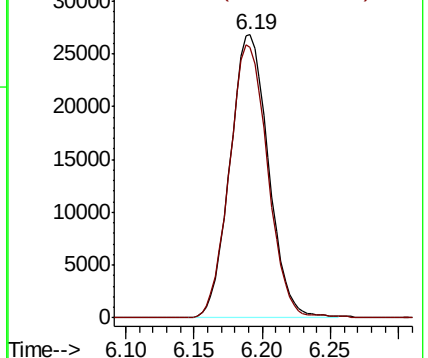
130 100

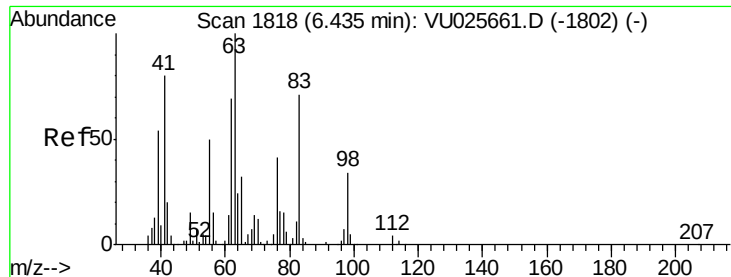
95 95.7 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025661.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU025661.D (-1727) (-)

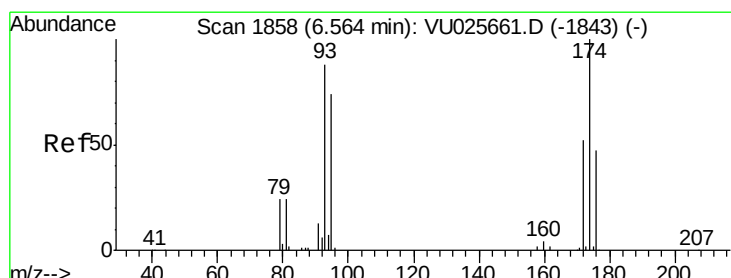
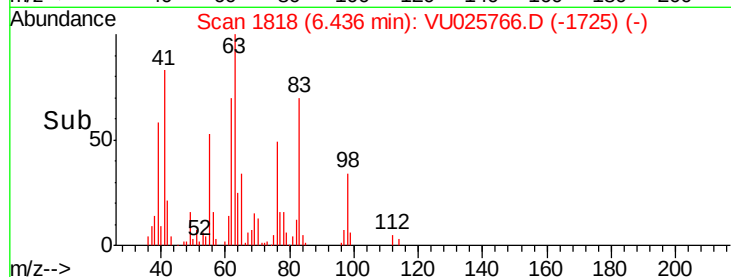
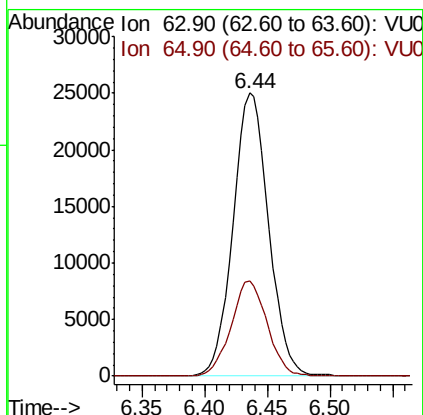
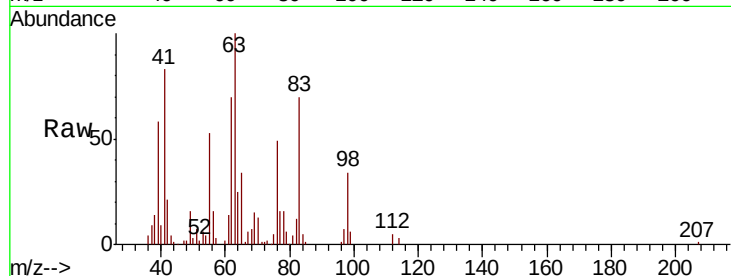




#45
 1,2-Dichloropropane
 Concen: 19.24 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

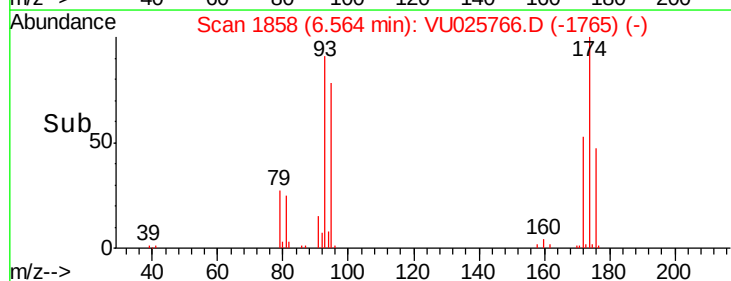
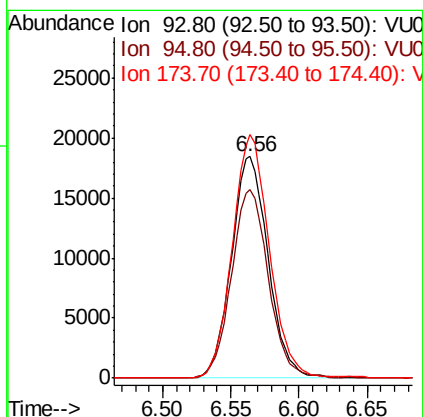
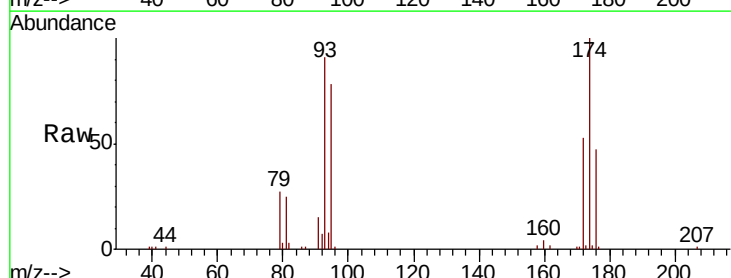
Instrument :
 MSVOA_U
 ClientSampled :

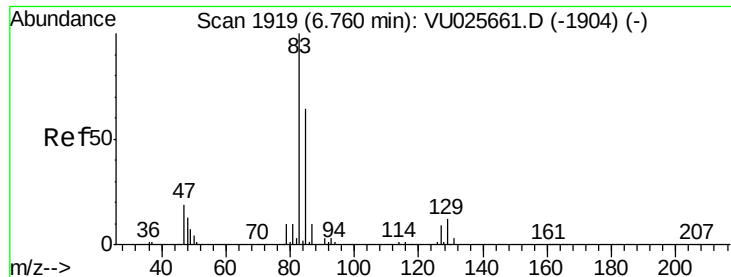
Tot Ion: 63 Resp: 49275
 Ion Ratio Lower Upper
 63 100
 65 33.7 26.1 39.1



#46
 Dibromomethane
 Concen: 18.59 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Tgt Ion: 93 Resp: 34507
 Ion Ratio Lower Upper
 93 100
 95 85.5 66.6 100.0
 174 111.0 85.8 128.8





#47

Bromodichloromethane

Concen: 19.34 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :
MSVOA_U
ClientSampleId :

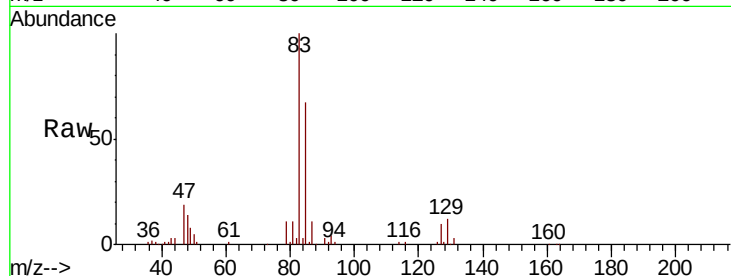
Tot Ion: 83 Resp: 68493

Ion Ratio Lower Upper

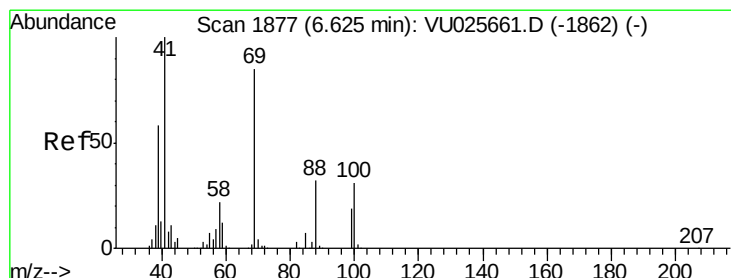
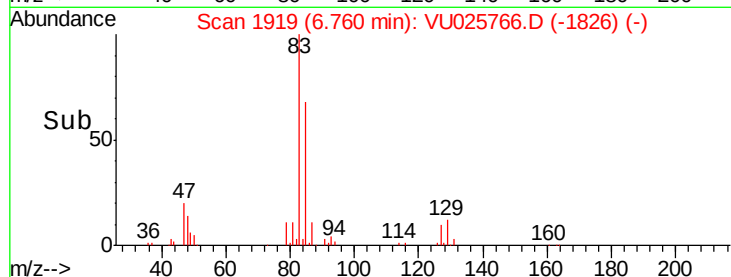
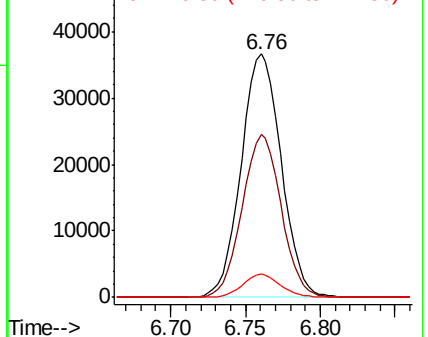
83 100

85 67.0 50.2 75.4

127 9.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.55 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

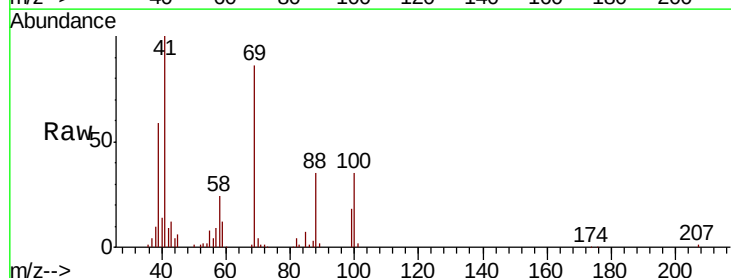
Tgt Ion: 41 Resp: 55160

Ion Ratio Lower Upper

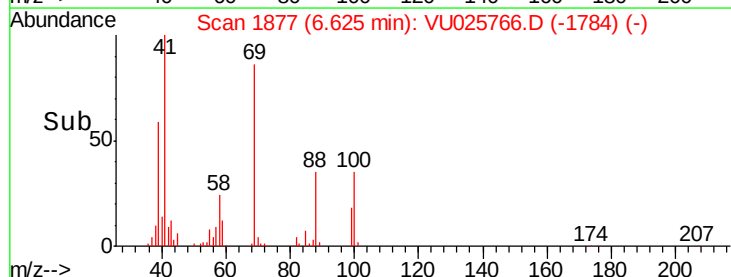
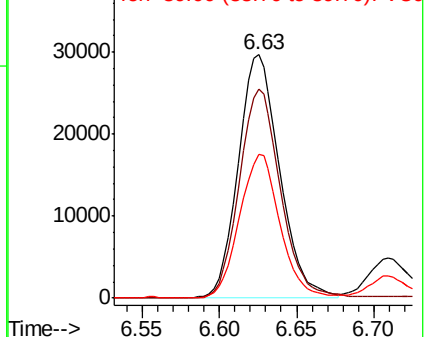
41 100

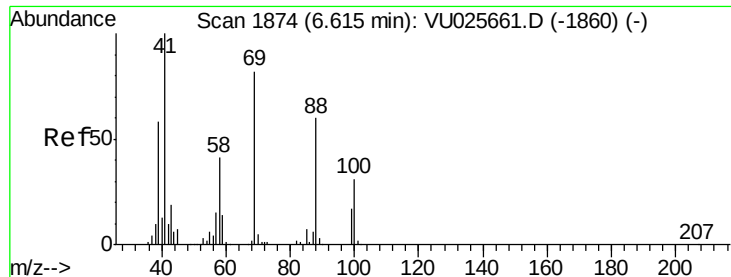
69 85.7 65.0 97.4

39 58.0 46.4 69.6



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

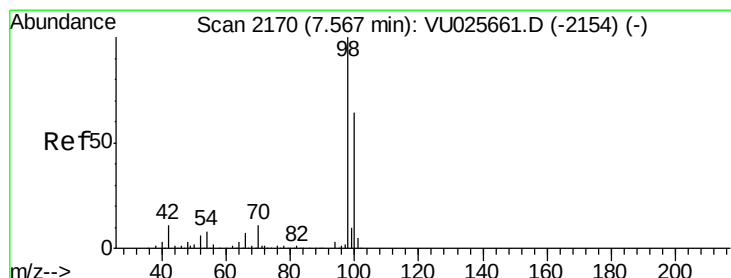
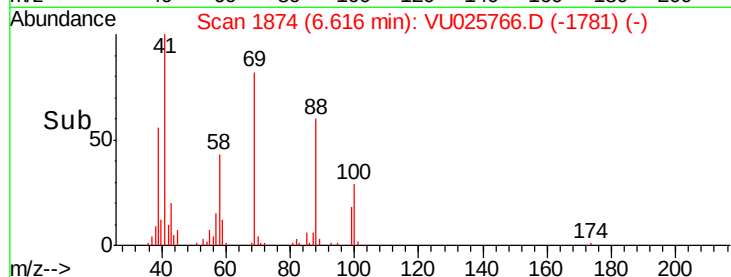
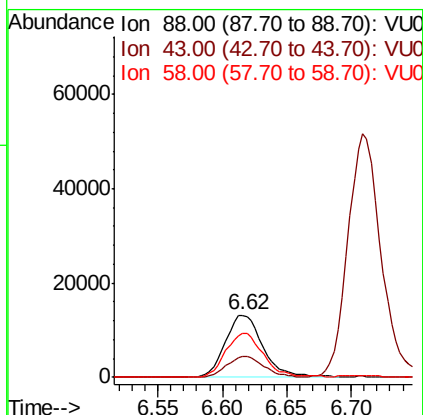
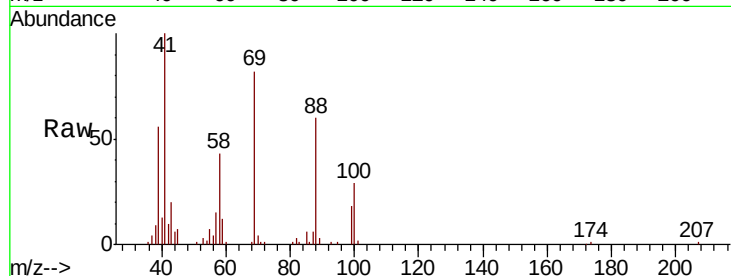




#49
1,4-Dioxane
Concen: 390.71 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

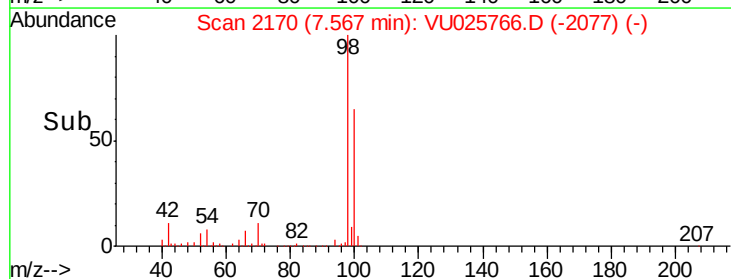
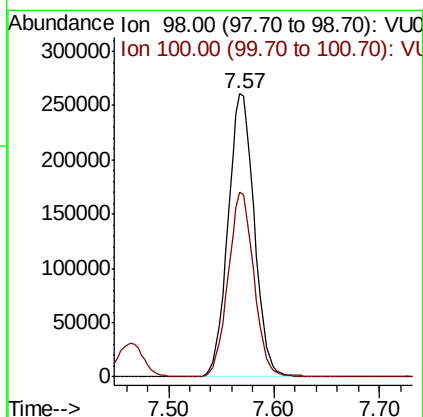
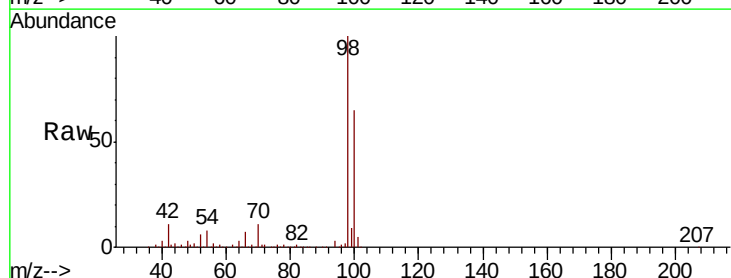
Instrument :
MSVOA_U
ClientSampleId :

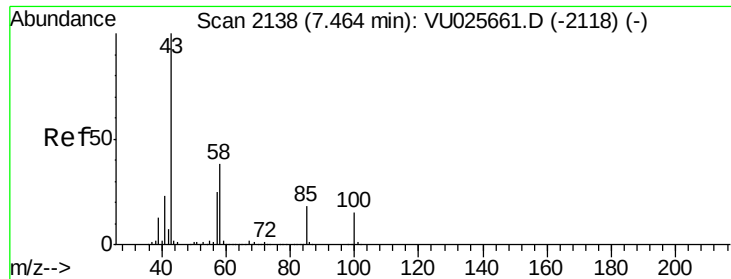
Tot Ion: 88 Resp: 26831
Ion Ratio Lower Upper
88 100
43 33.2 27.3 40.9
58 71.6 57.6 86.4



#50
Toluene-d8
Concen: 51.15 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion: 98 Resp: 447670
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 97.98 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :

MSVOA_U

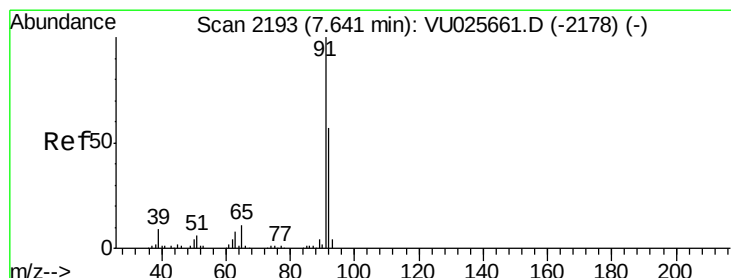
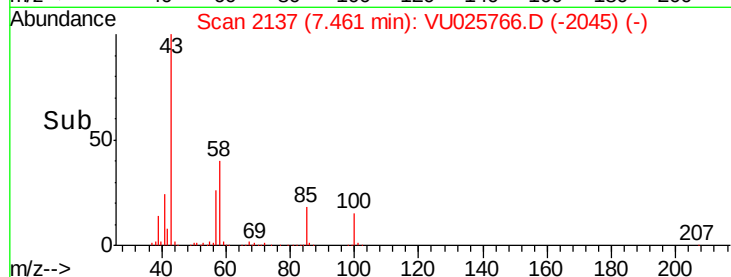
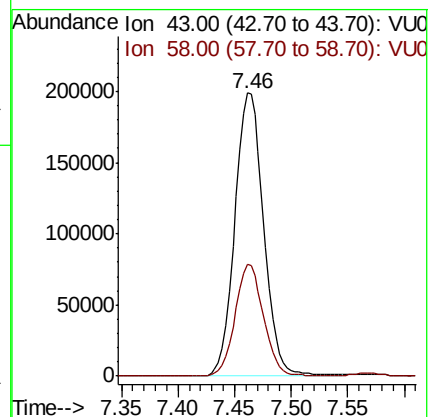
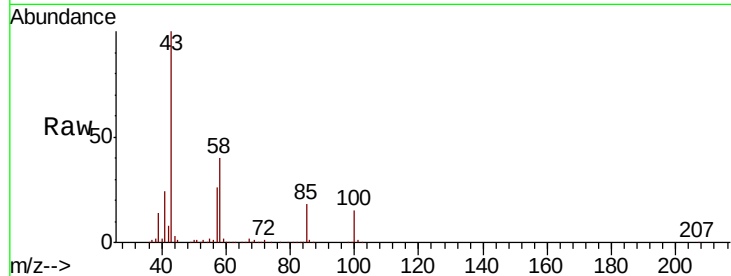
ClientSampled :

Tot Ion: 43 Resp: 353178

Ion Ratio Lower Upper

43 100

58 39.0 31.0 46.4



#52

Toluene

Concen: 20.01 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025766.D

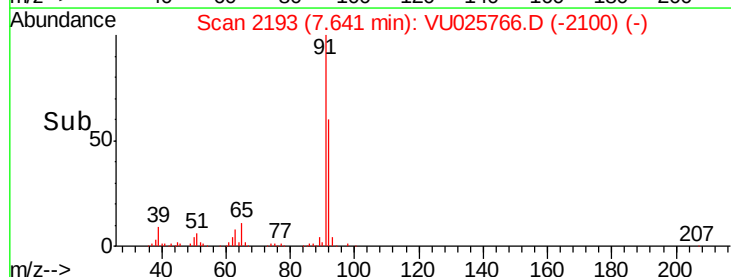
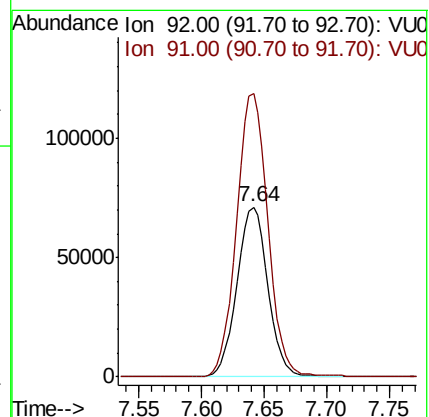
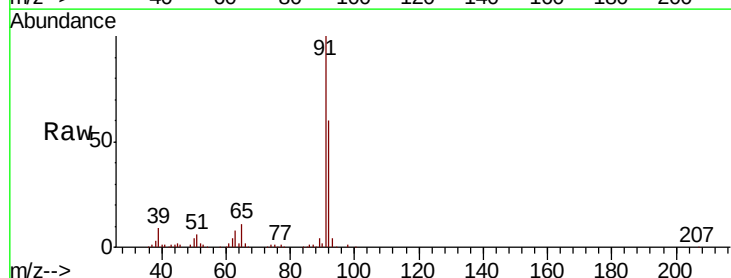
Acq: 01 Aug 2018 10:57

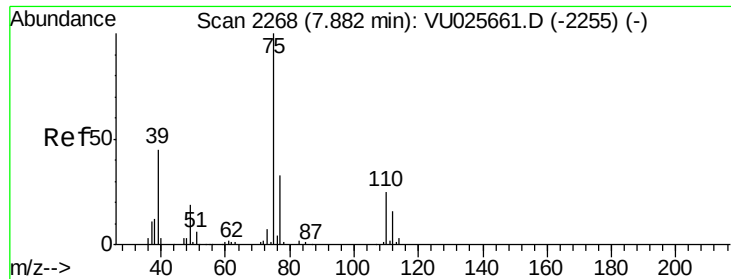
Tgt Ion: 92 Resp: 122094

Ion Ratio Lower Upper

92 100

91 169.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 19.51 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

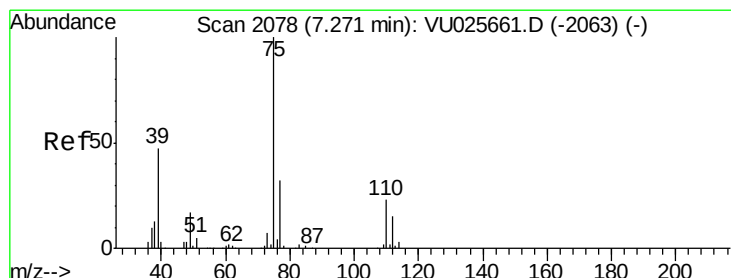
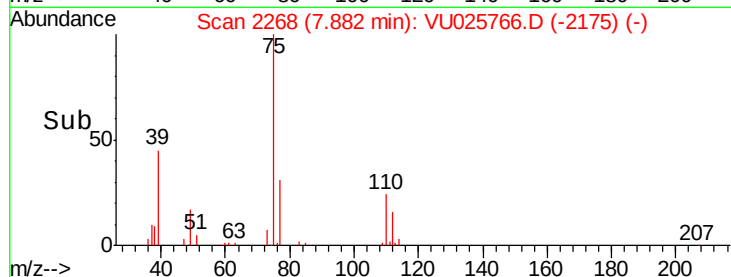
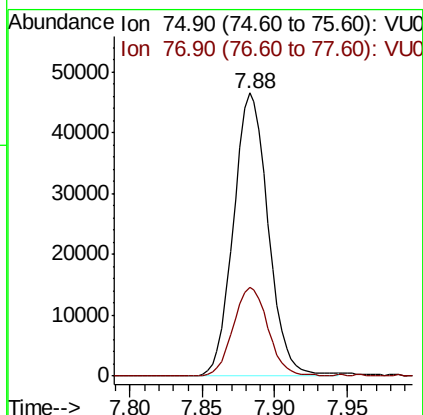
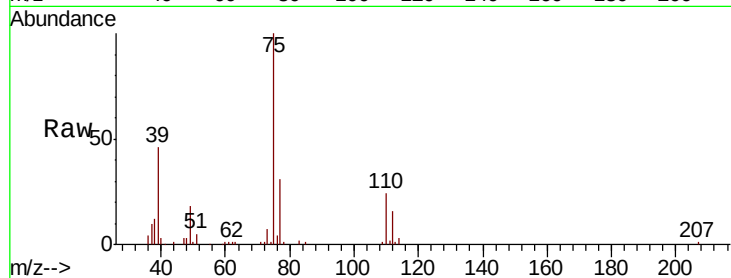
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 77544

Ion Ratio Lower Upper

75 100

77 31.3 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 19.86 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

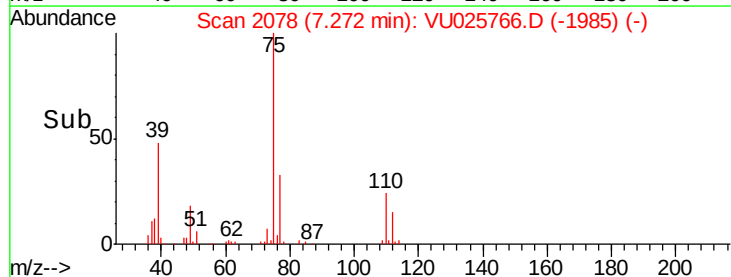
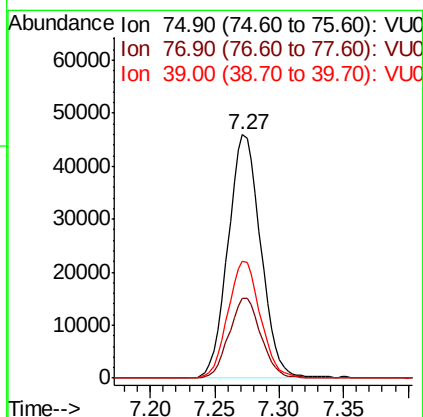
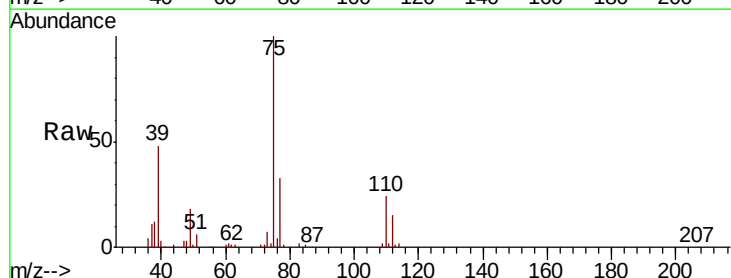
Tgt Ion: 75 Resp: 81094

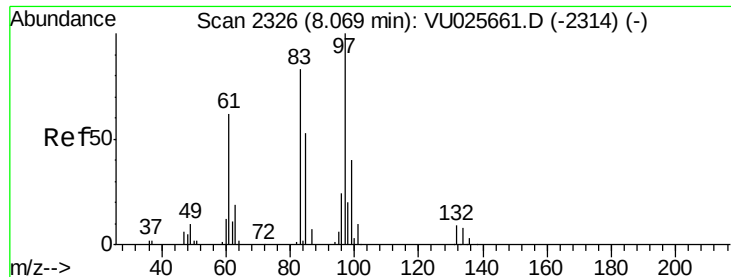
Ion Ratio Lower Upper

75 100

77 32.9 25.6 38.4

39 47.7 40.0 60.0

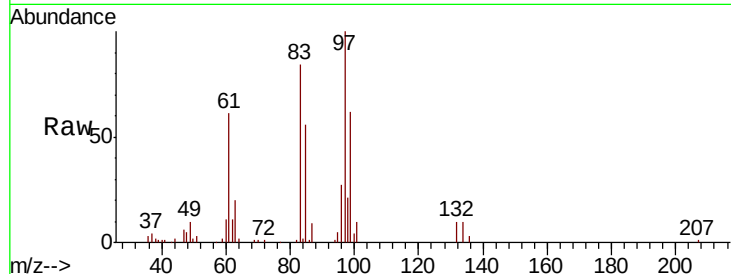




#55
 1,1,2-Trichloroethane
 Concen: 19.11 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	97	Resp:	48452
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.9	103.3
85	55.8	44.4	66.6
99	61.2	51.0	76.4



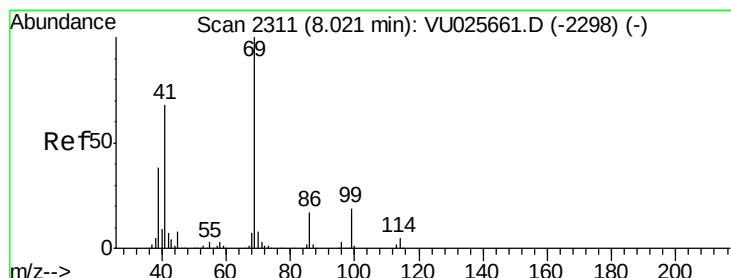
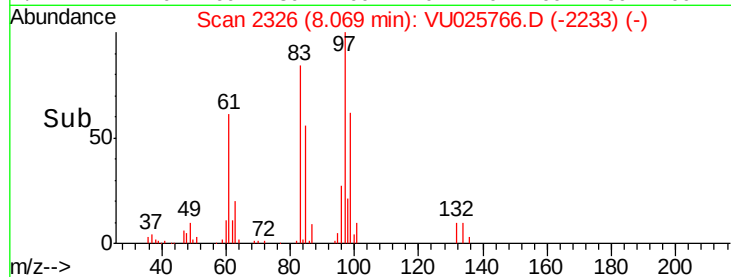
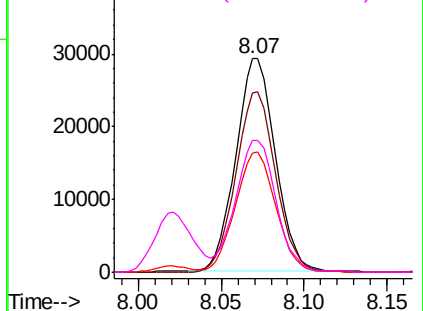
Abundance

Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

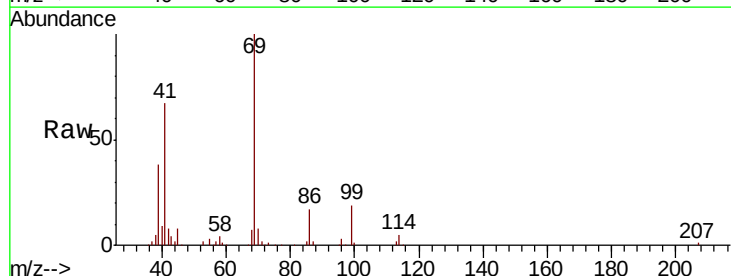
Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56
 Ethyl methacrylate
 Concen: 19.46 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Tgt Ion:	69	Resp:	70503
Ion	Ratio	Lower	Upper
69	100		
41	66.7	54.8	82.2
39	38.7	31.1	46.7

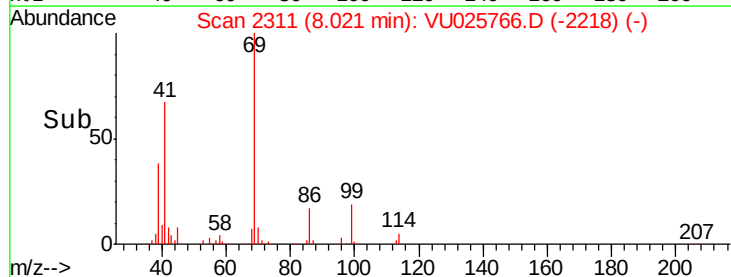
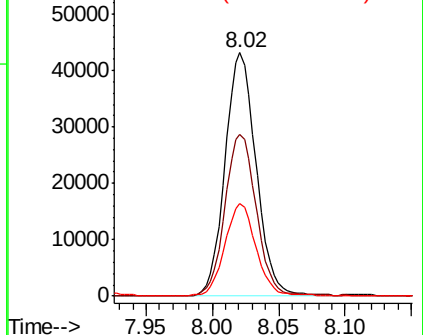


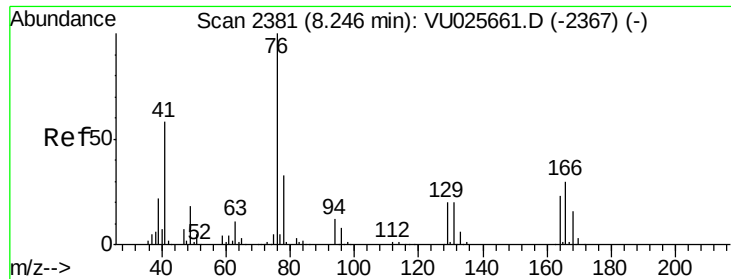
Abundance

Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

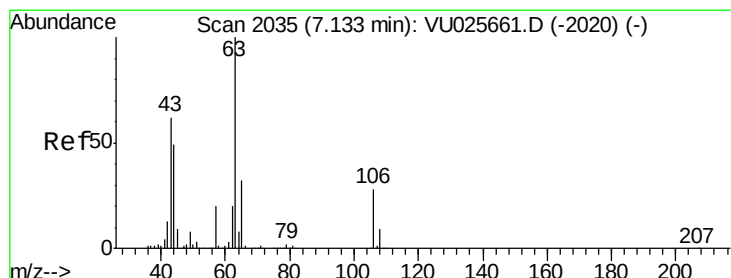
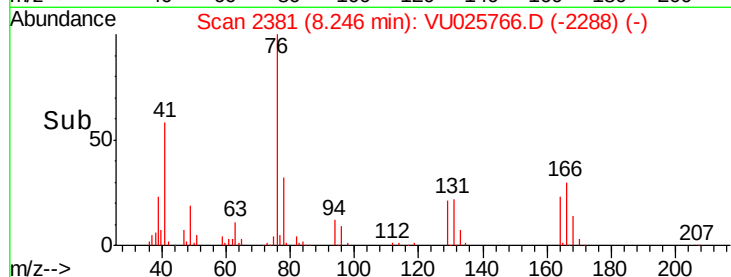
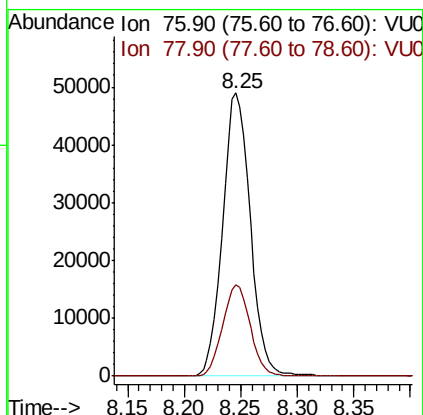
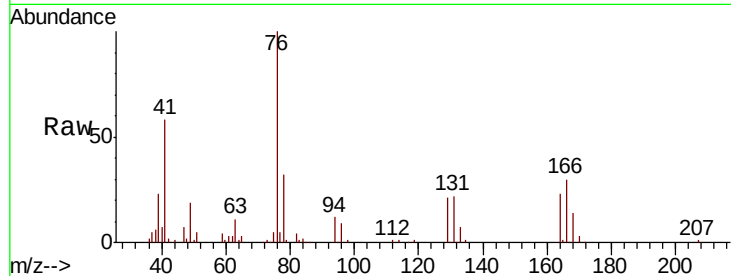




#57
 1,3-Dichloropropane
 Concen: 19.57 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

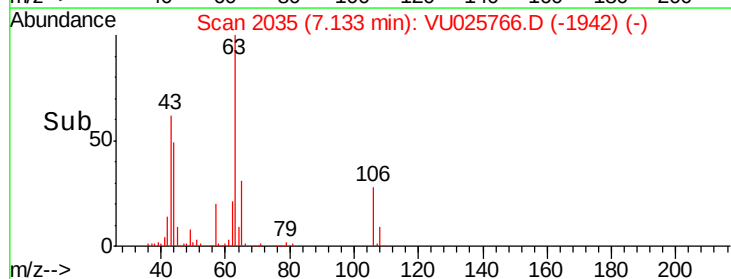
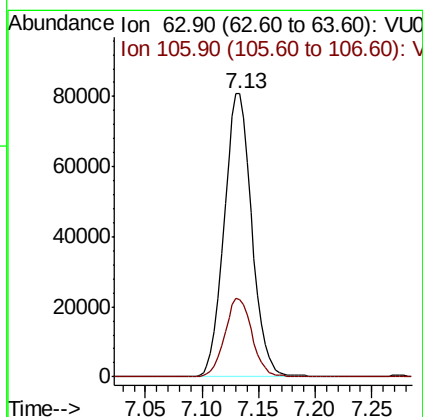
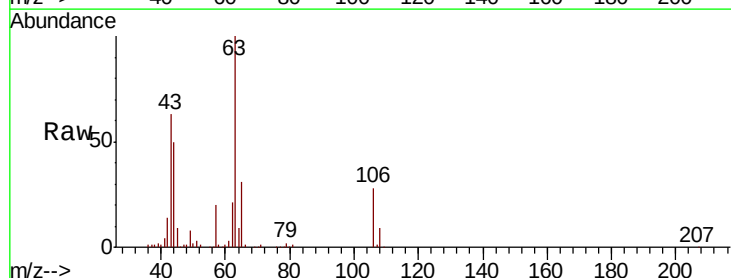
Instrument :
 MSVOA_U
 ClientSampled :

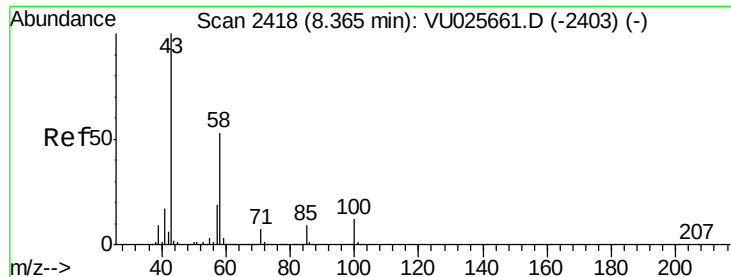
Tot Ion: 76 Resp: 83448
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.39 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Tgt Ion: 63 Resp: 137311
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.3 33.5

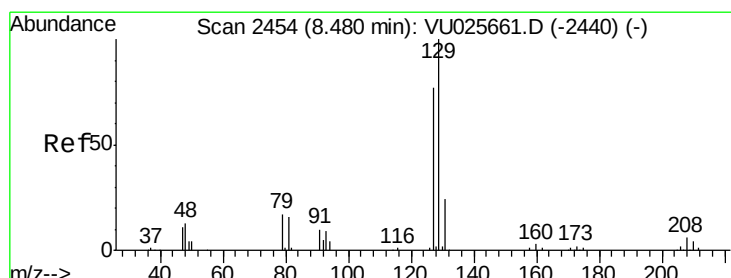
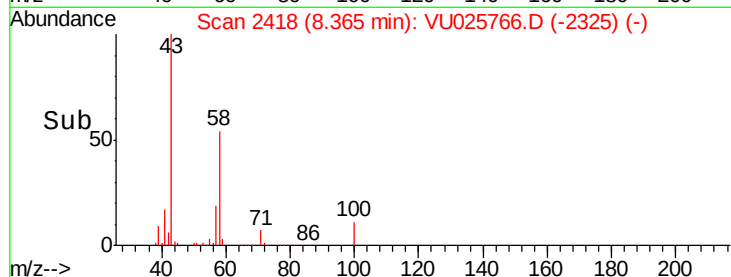
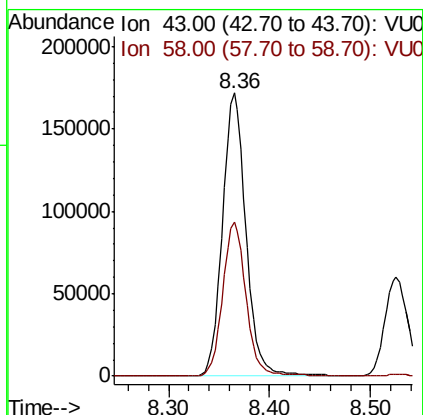
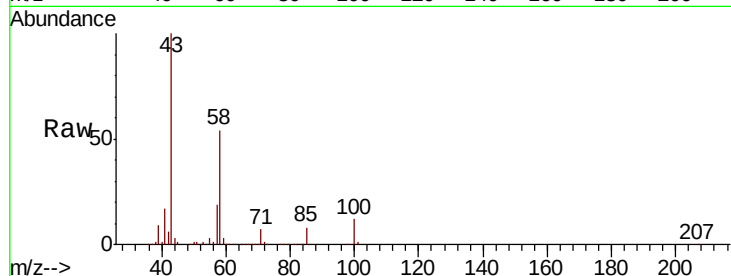




#59
2-Hexanone
Concen: 99.10 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

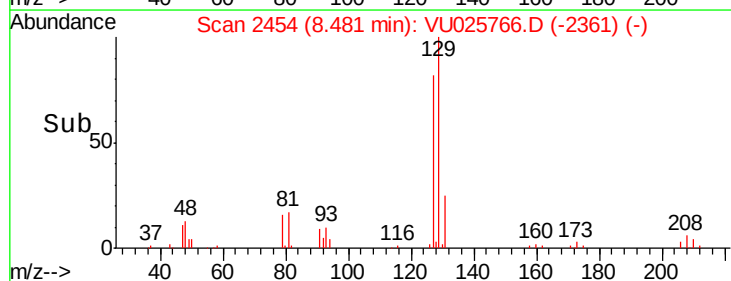
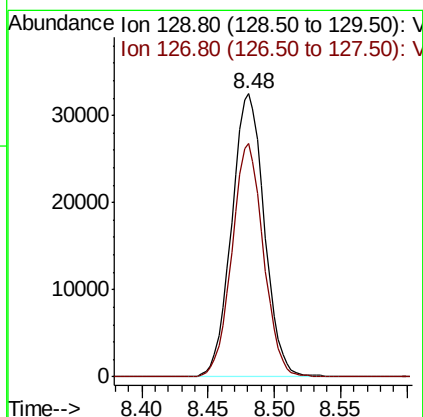
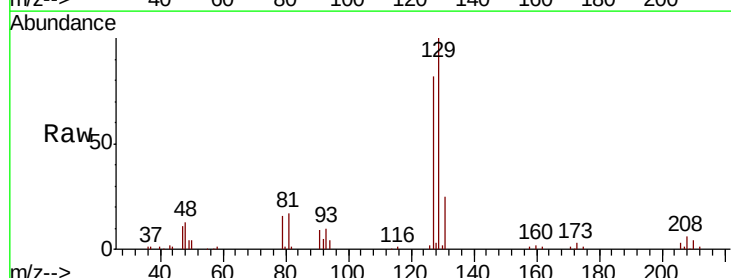
Instrument :
MSVOA_U
ClientSampleId :

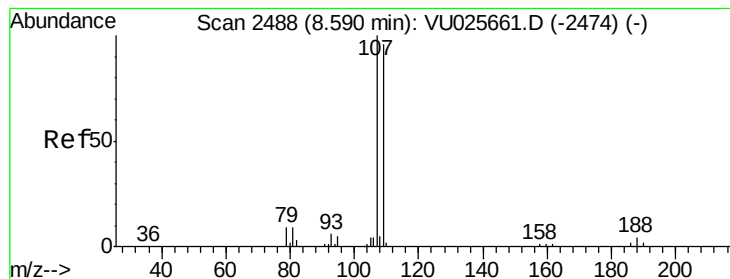
Tot Ion: 43 Resp: 280028
Ion Ratio Lower Upper
43 100
58 54.1 26.2 78.5



#60
Dibromochloromethane
Concen: 18.61 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion: 129 Resp: 55647
Ion Ratio Lower Upper
129 100
127 79.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.34 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :

MSVOA_U

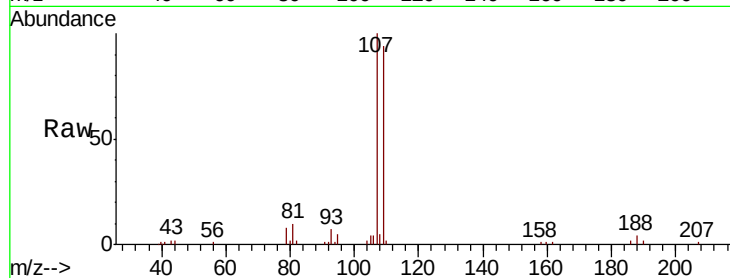
ClientSampleId :

Tot Ion:107 Resp: 54549

Ion Ratio Lower Upper

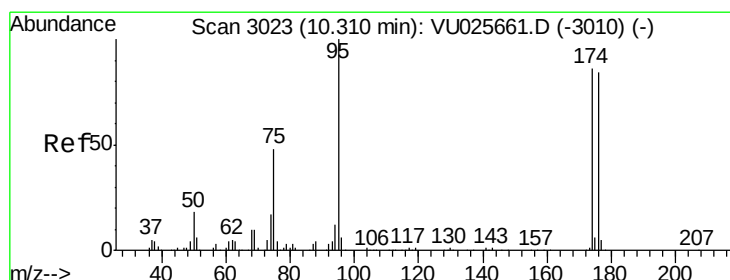
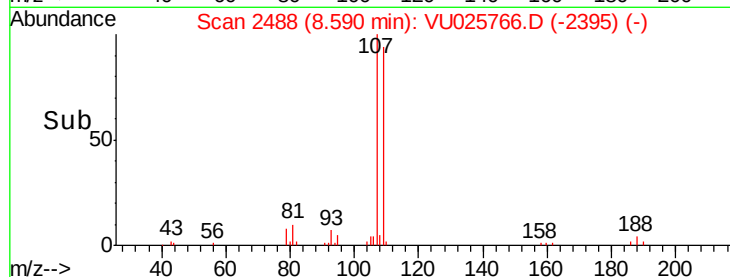
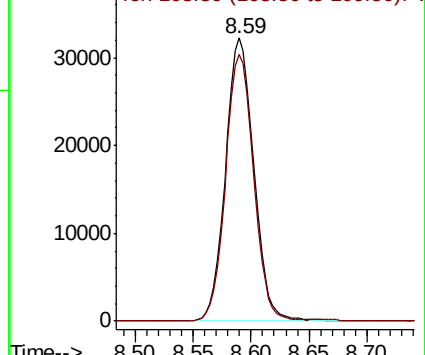
107 100

109 93.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.94 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

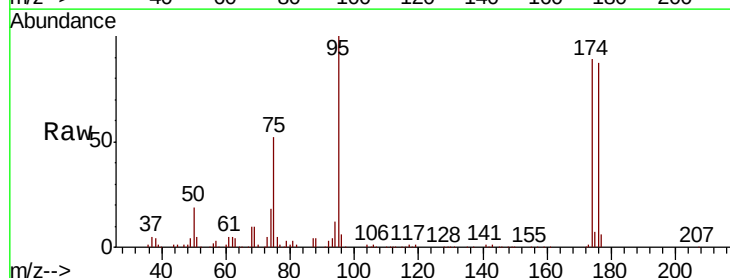
Tgt Ion: 95 Resp: 169622

Ion Ratio Lower Upper

95 100

174 87.4 0.0 172.2

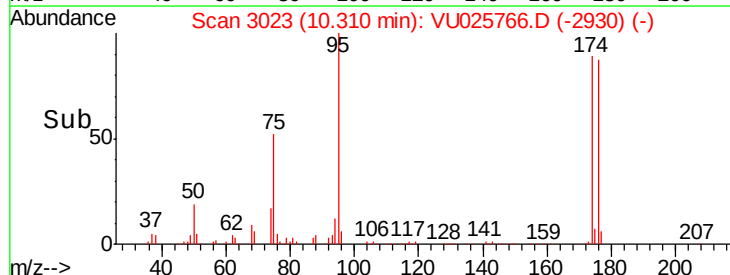
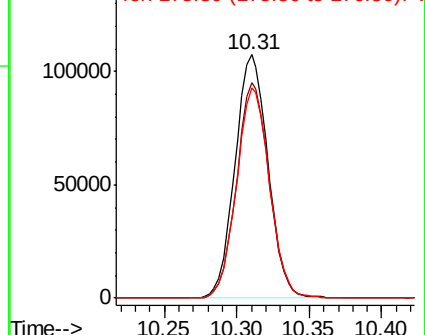
176 86.4 0.0 162.6

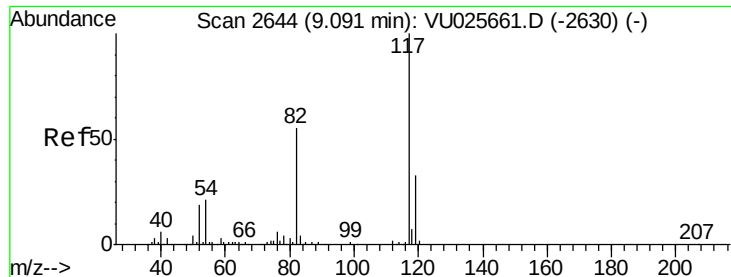


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

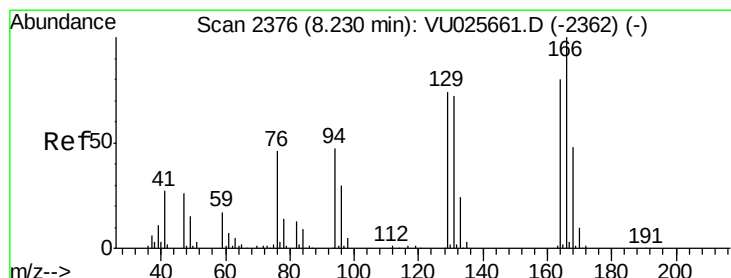
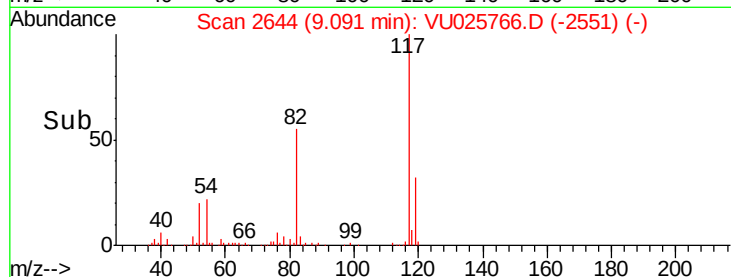
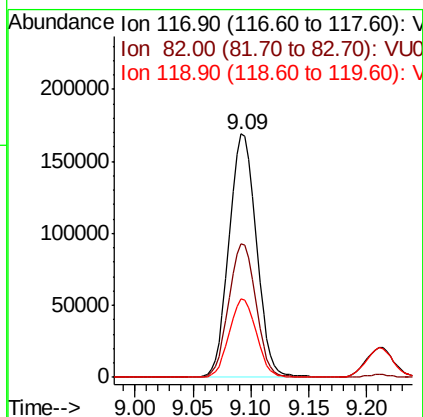
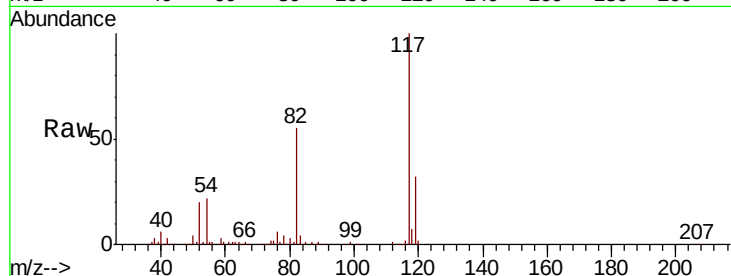




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

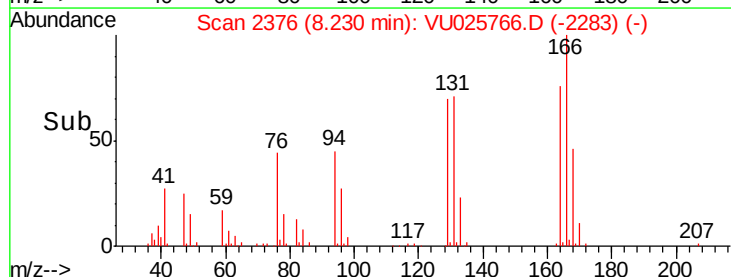
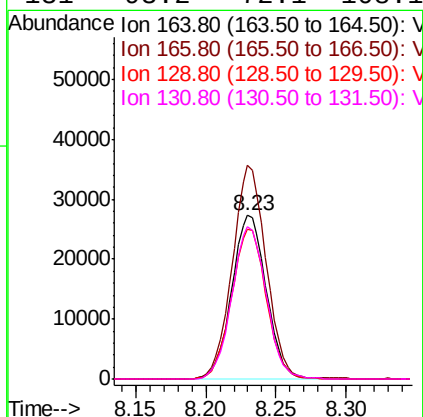
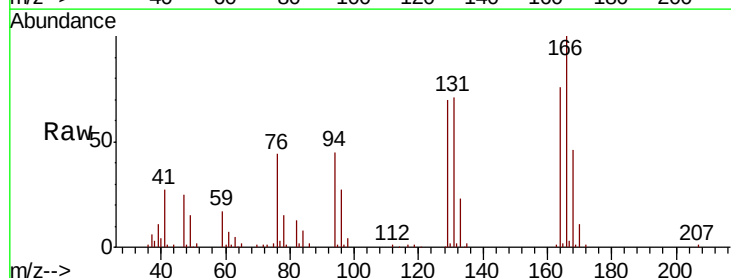
Instrument :
MSVOA_U
ClientSampleId :

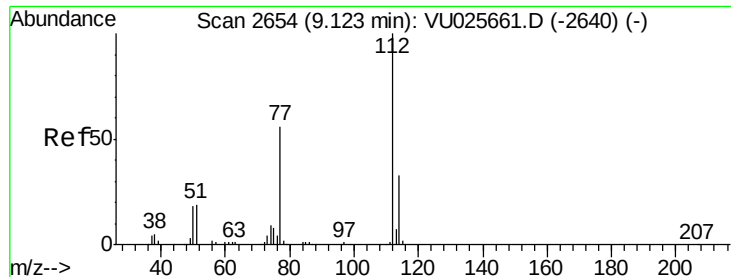
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.0	69.0
119	32.2	26.0	39.0



#64
Tetrachloroethene
Concen: 19.23 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	101.1	151.7
129	91.9	73.0	109.6
131	93.2	72.1	108.1

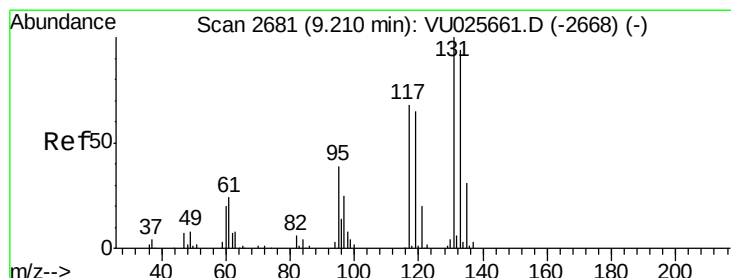
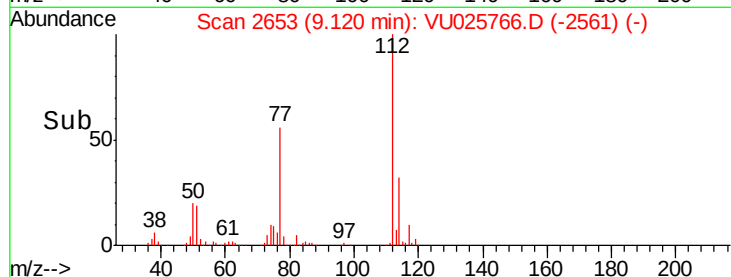
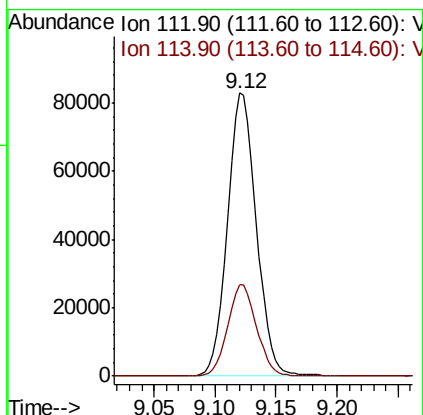
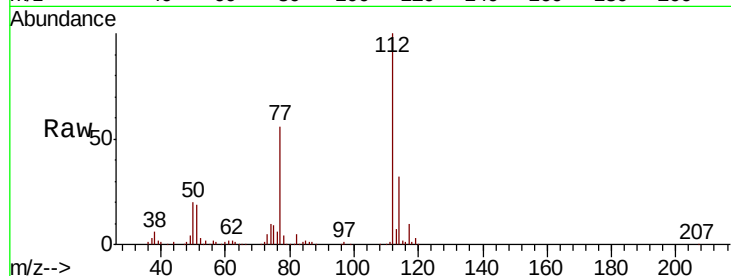




#65
Chlorobenzene
Concen: 19.33 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

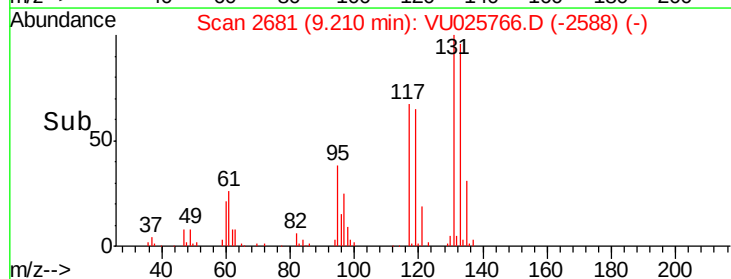
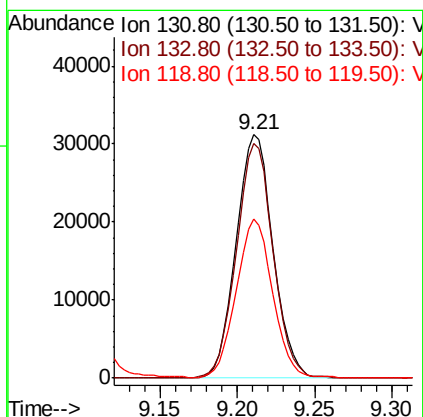
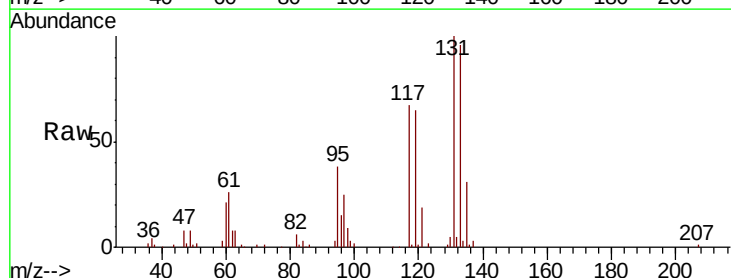
Instrument :
MSVOA_U
ClientSampleId :

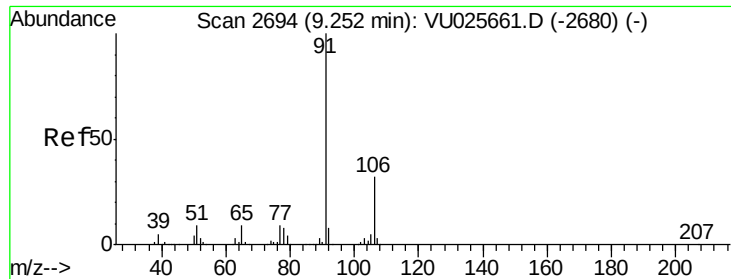
Tot Ion:112 Resp: 137455
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.11 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion:131 Resp: 51734
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 63.2 31.6 95.0

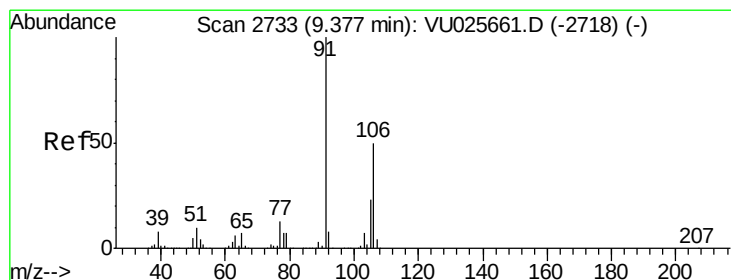
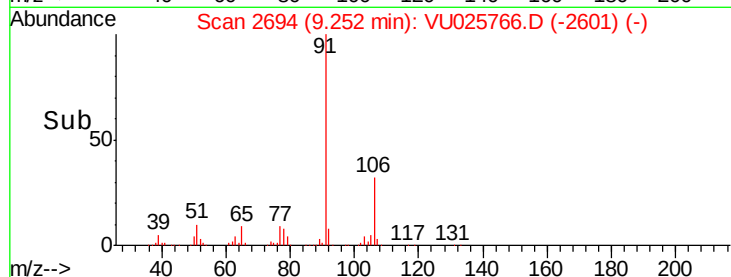
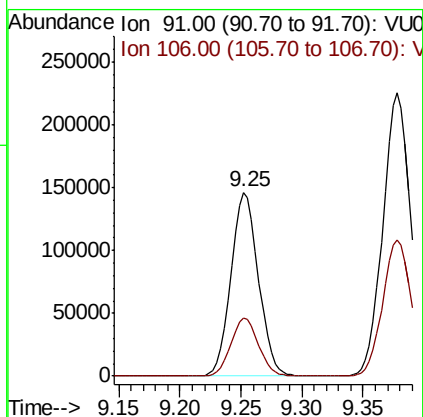
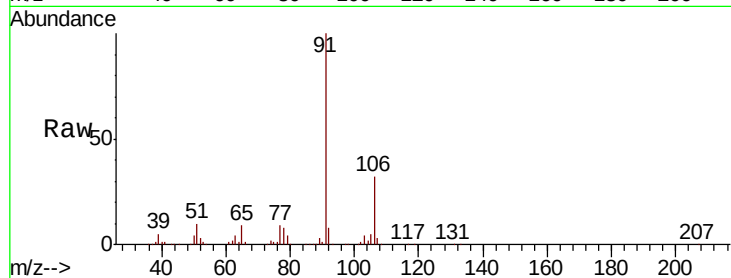




#67
Ethyl Benzene
Concen: 19.51 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

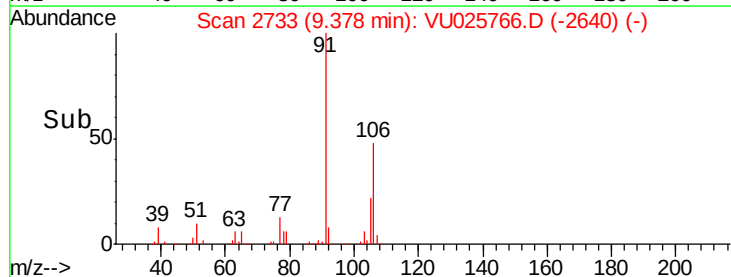
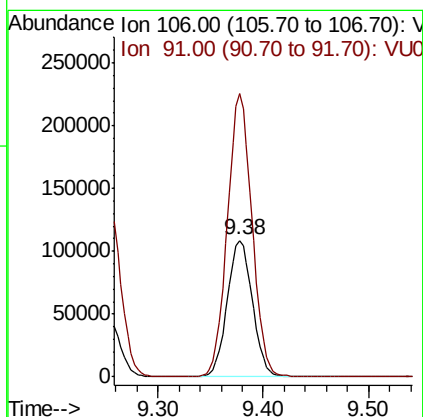
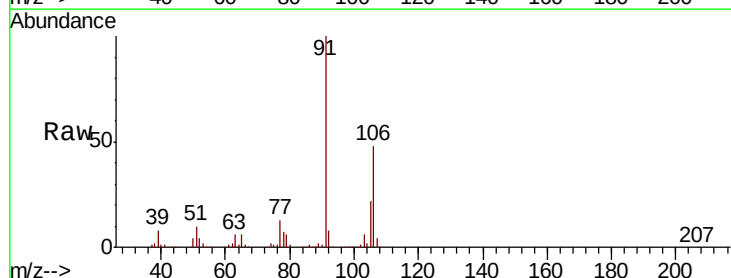
Instrument :
MSVOA_U
ClientSampled :

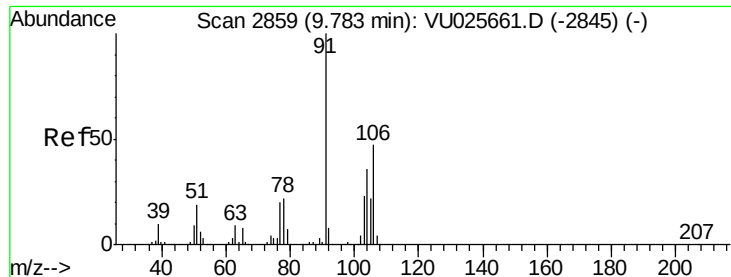
Tot Ion: 91 Resp: 229833
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9



#68
m/p-Xylenes
Concen: 39.75 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion: 106 Resp: 179772
Ion Ratio Lower Upper
106 100
91 202.3 162.3 243.5

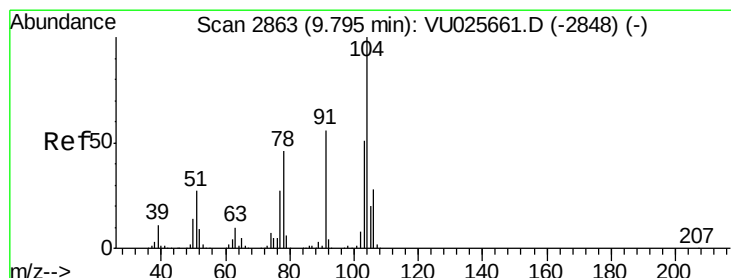
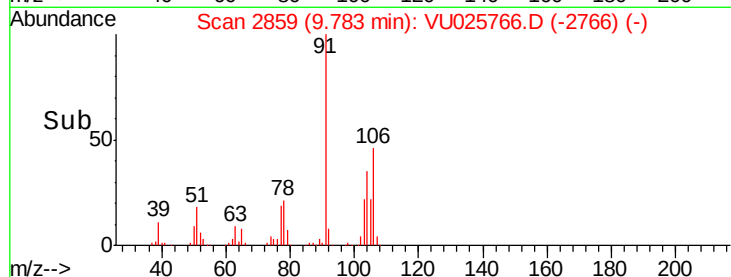
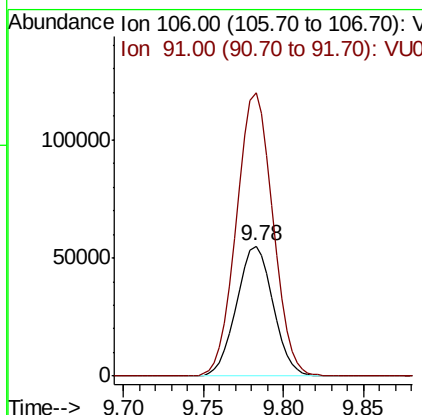
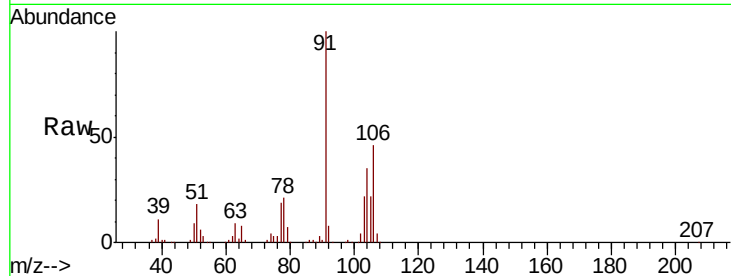




#69
o-Xylene
Concen: 19.34 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

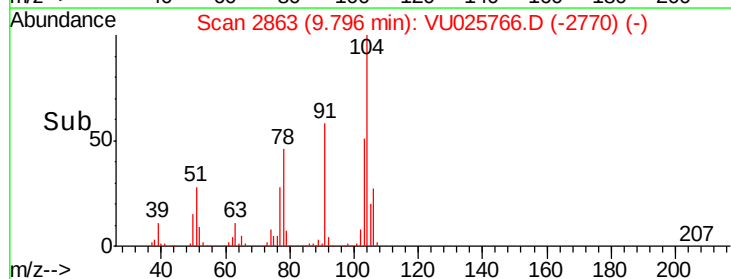
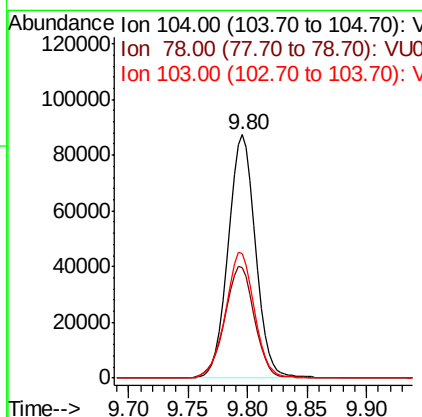
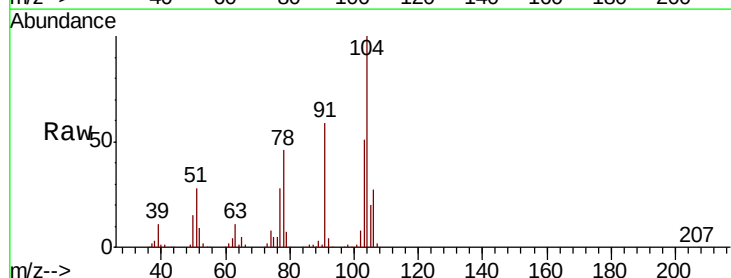
Instrument :
MSVOA_U
ClientSampled :

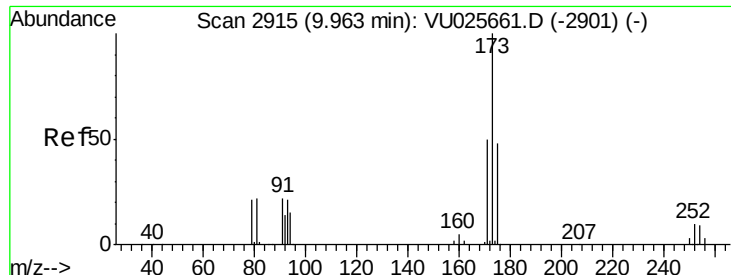
Tot Ion:106 Resp: 85490
Ion Ratio Lower Upper
106 100
91 218.0 105.3 315.8



#70
Styrene
Concen: 19.51 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion:104 Resp: 139282
Ion Ratio Lower Upper
104 100
78 50.0 41.6 62.4
103 54.9 44.6 66.8





#71

Bromoform

Concen: 19.22 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :
MSVOA_U
ClientSampleId :

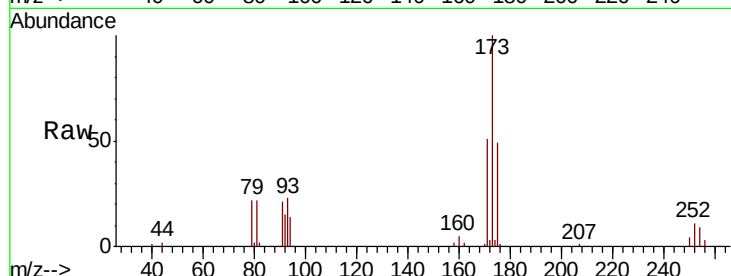
Tot Ion:173 Resp: 42887

Ion Ratio Lower Upper

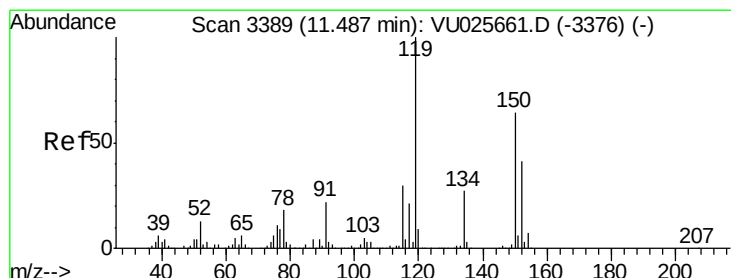
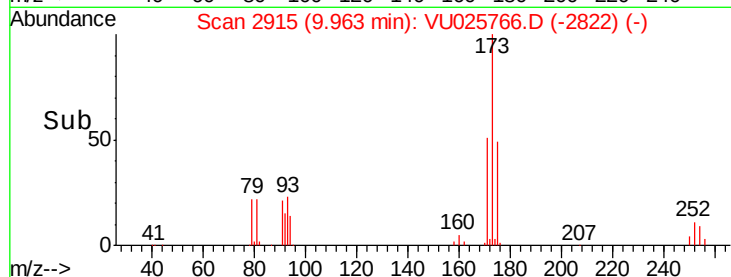
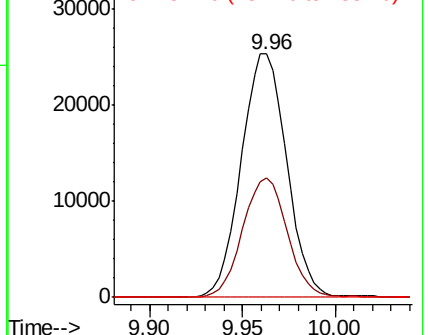
173 100

175 48.4 24.0 72.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

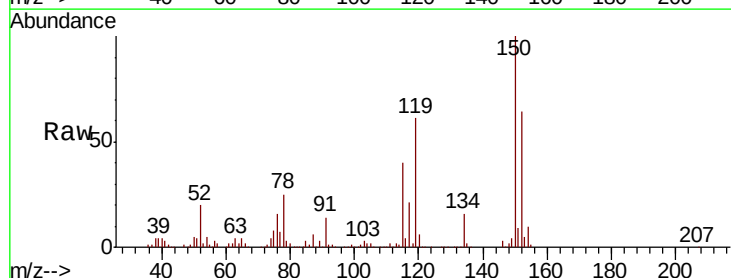
Tgt Ion:152 Resp: 169011

Ion Ratio Lower Upper

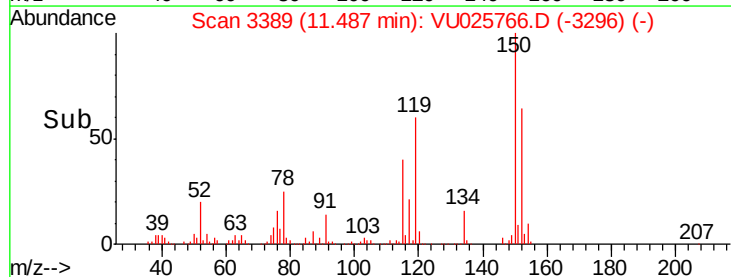
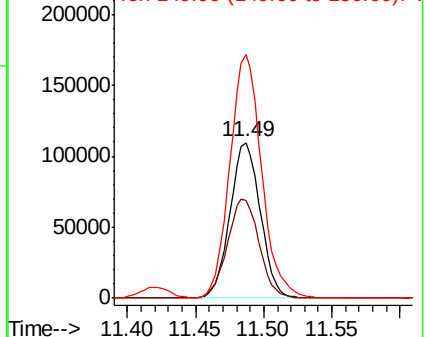
152 100

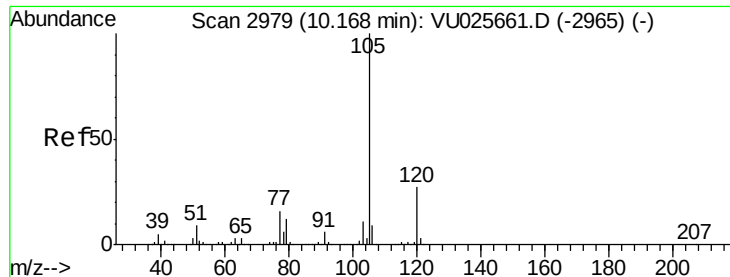
115 66.5 40.1 120.3

150 164.6 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.26 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :

MSVOA_U

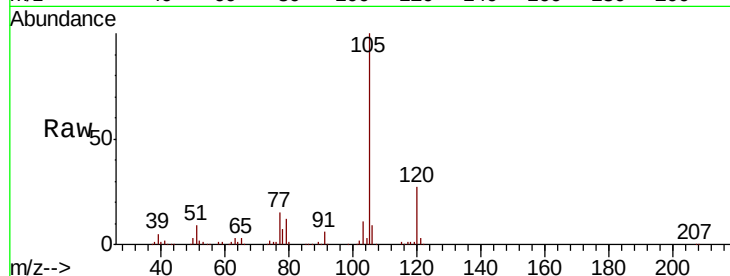
ClientSampleId :

Tot Ion:105 Resp: 233654

Ion Ratio Lower Upper

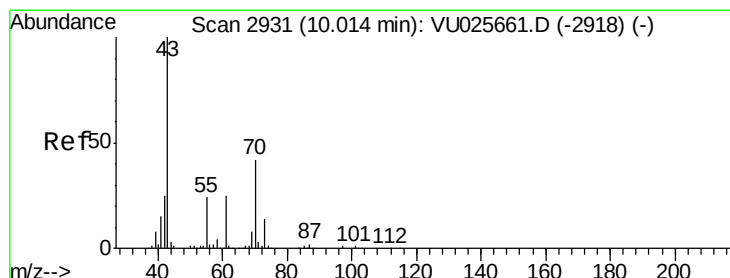
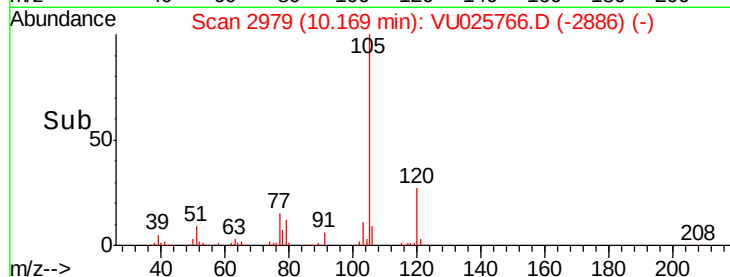
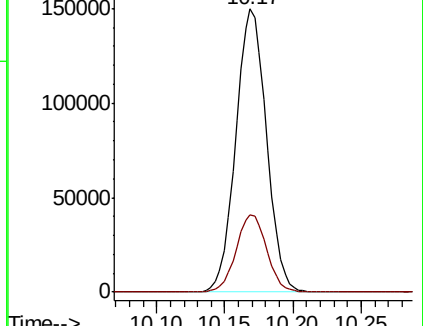
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.45 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Tgt Ion: 43 Resp: 96306

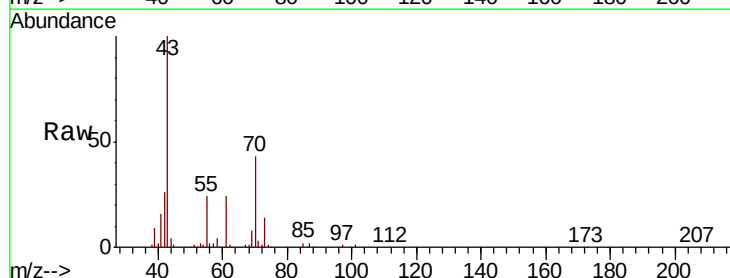
Ion Ratio Lower Upper

43 100

70 42.0 33.4 50.2

55 24.2 19.0 28.6

61 23.5 19.3 28.9

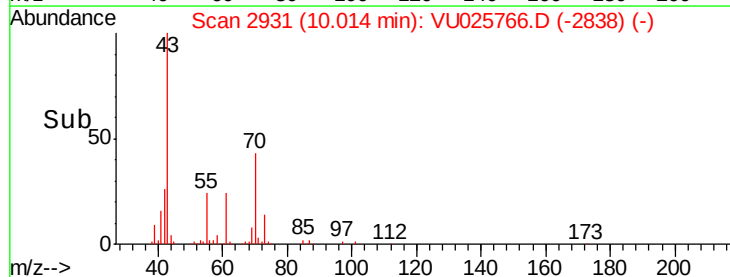
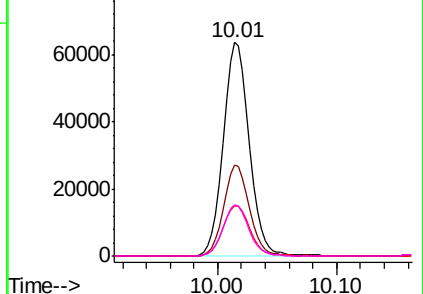


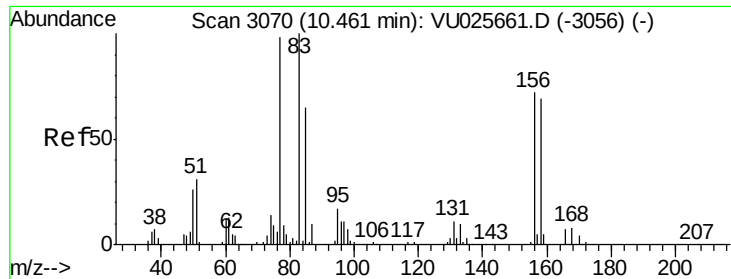
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.11 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :

MSVOA_U

ClientSampleId :

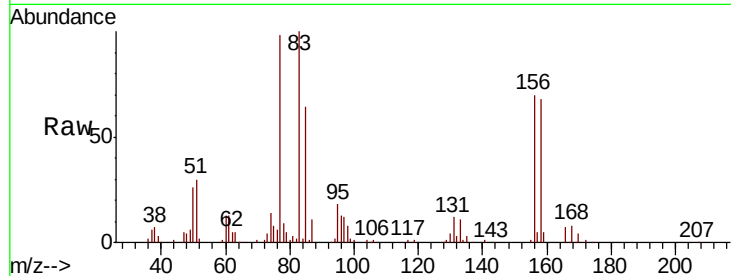
Tot Ion: 83 Resp: 80204

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

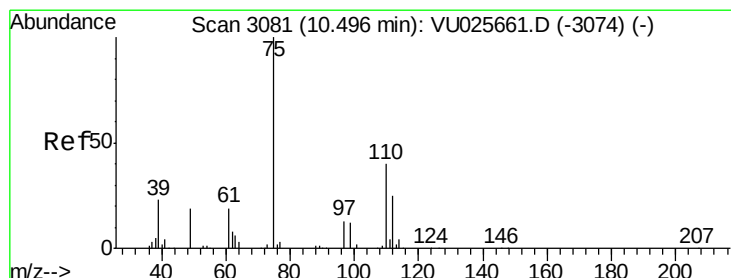
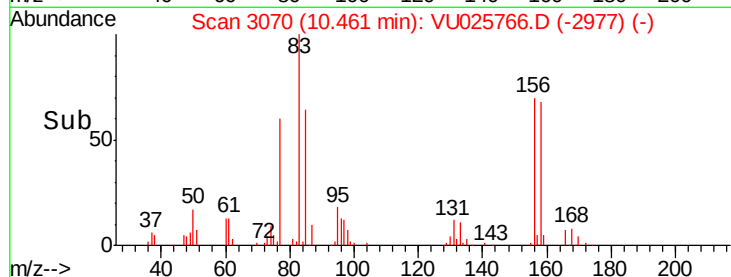
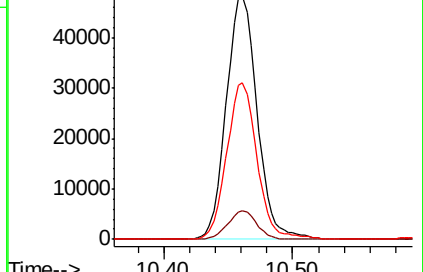
85 63.3 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU025766.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025766.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025766.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 24.64 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025766.D

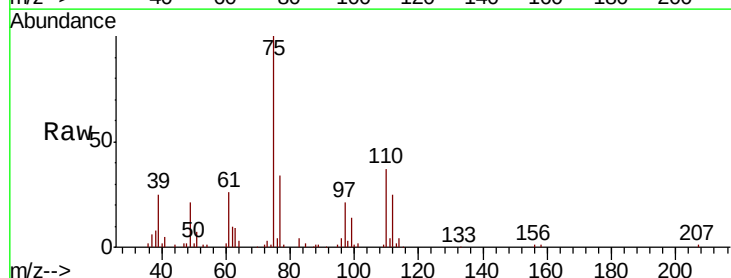
Acq: 01 Aug 2018 10:57

Tgt Ion: 75 Resp: 91762

Ion Ratio Lower Upper

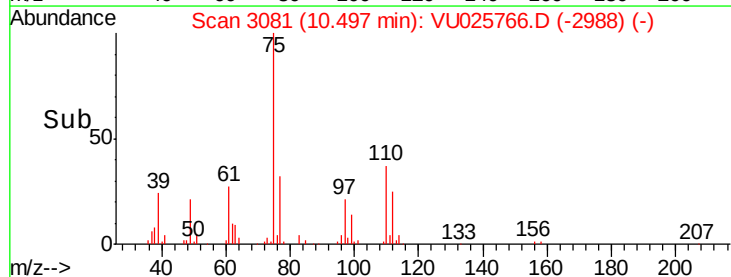
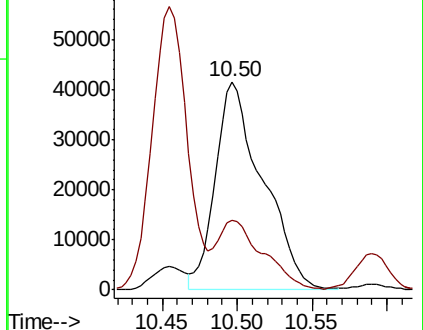
75 100

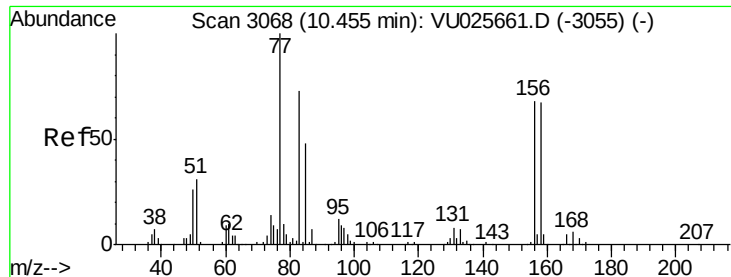
77 30.9 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025766.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025766.D (-2988) (-)





#77

Bromobenzene

Concen: 19.75 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :

MSVOA_U

ClientSampleId :

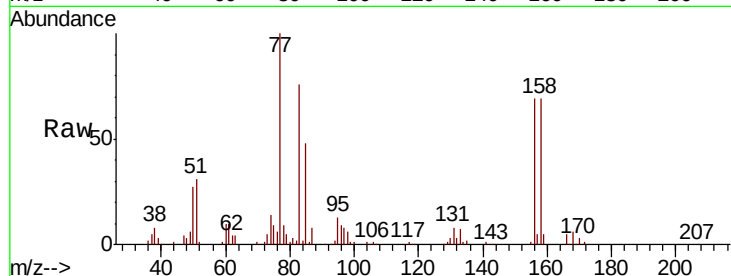
Tot Ion:156 Resp: 62839

Ion Ratio Lower Upper

156 100

77 146.7 73.8 221.4

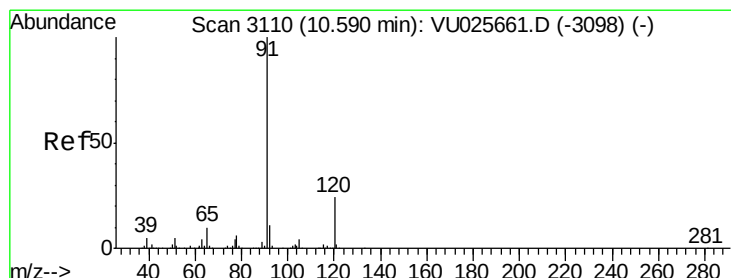
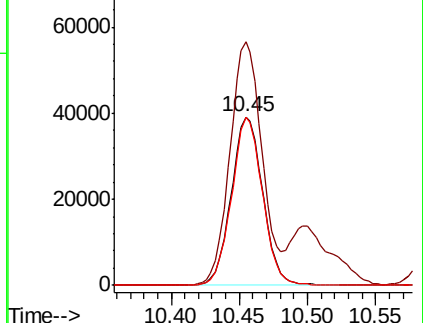
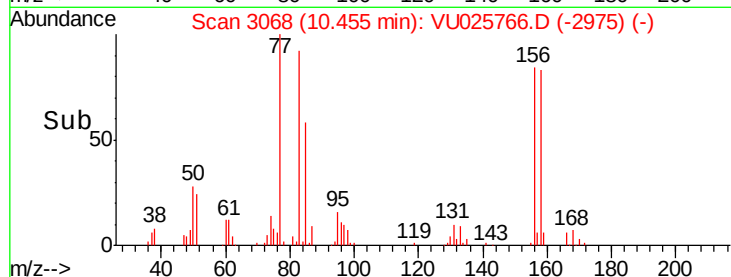
158 97.4 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.42 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025766.D

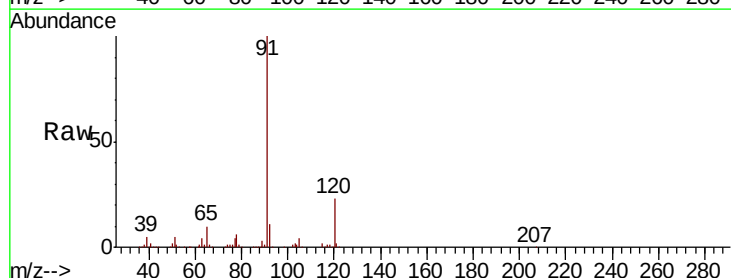
Acq: 01 Aug 2018 10:57

Tgt Ion: 91 Resp: 274988

Ion Ratio Lower Upper

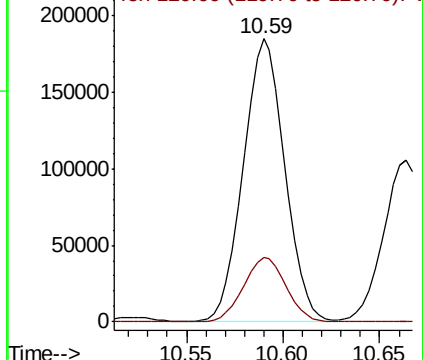
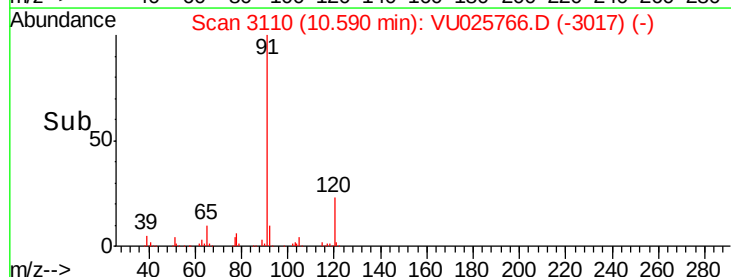
91 100

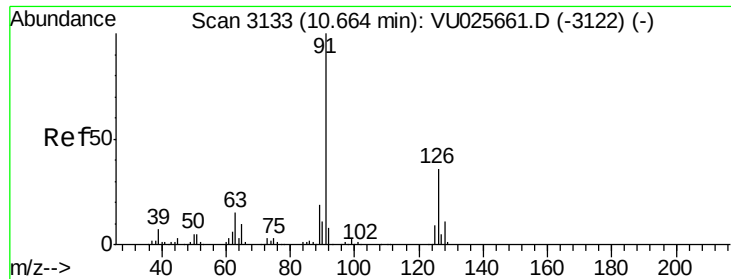
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.76 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :

MSVOA_U

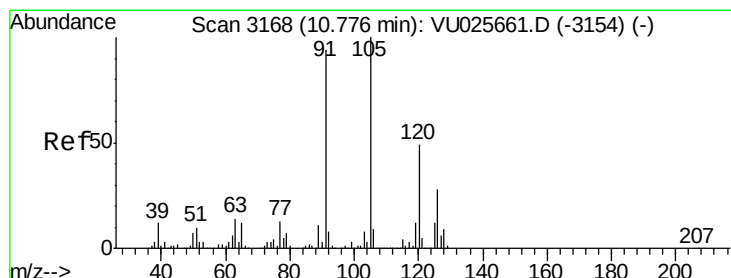
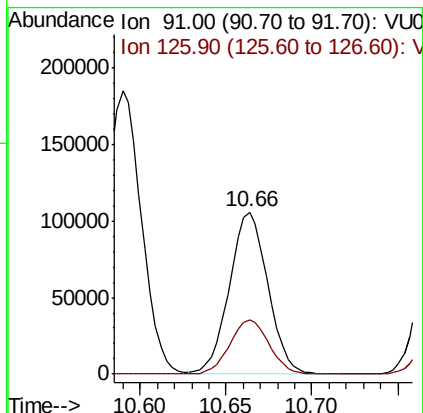
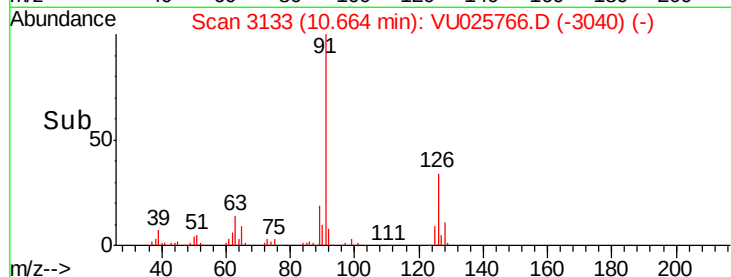
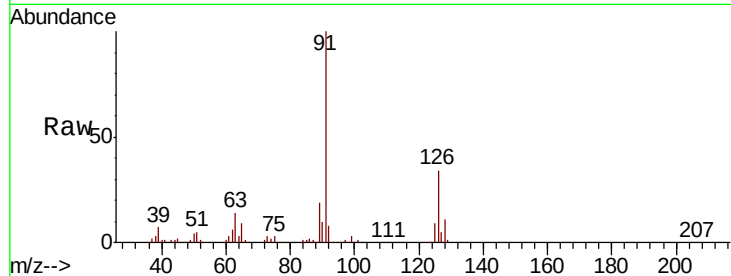
ClientSampled :

Tot Ion: 91 Resp: 163744

Ion Ratio Lower Upper

91 100

126 34.5 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 20.50 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025766.D

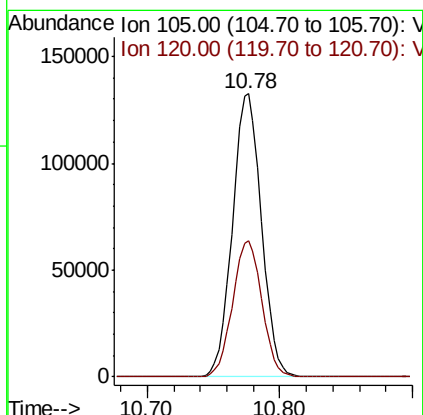
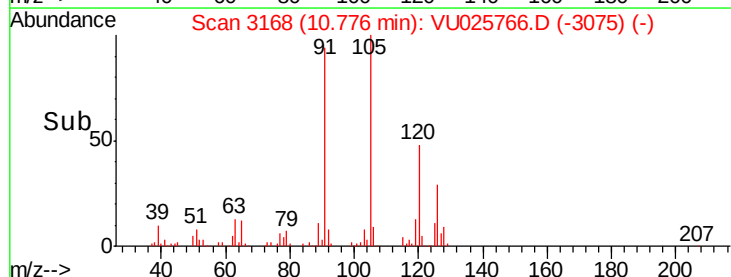
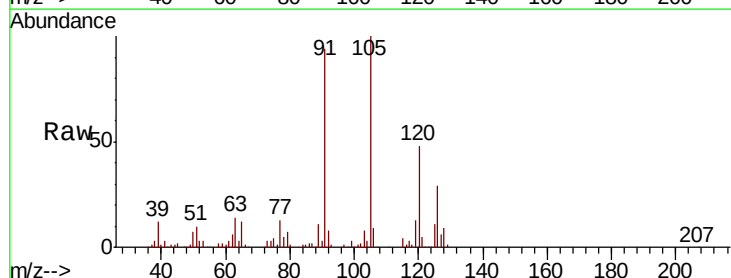
Acq: 01 Aug 2018 10:57

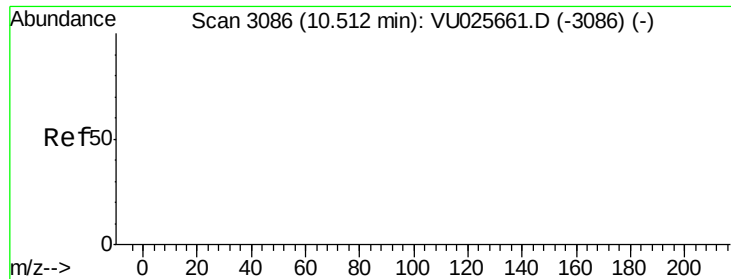
Tgt Ion: 105 Resp: 200870

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2

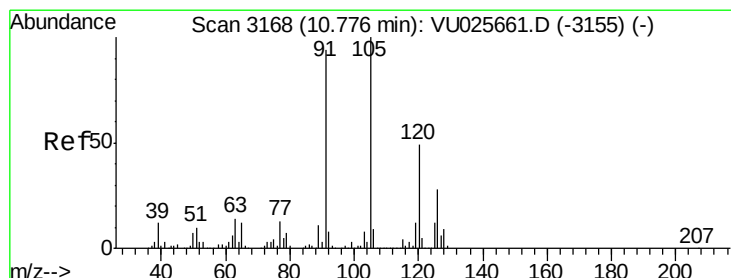
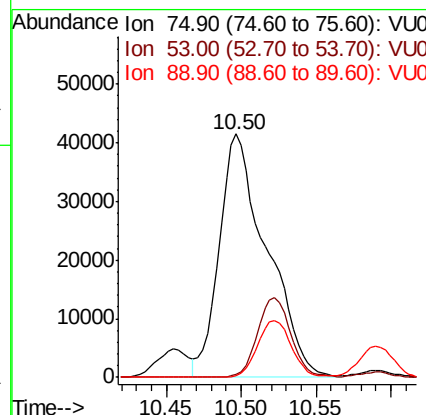
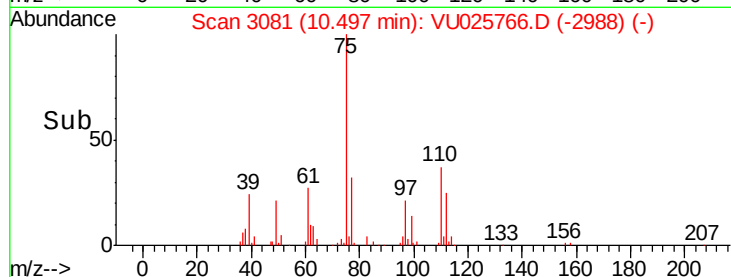
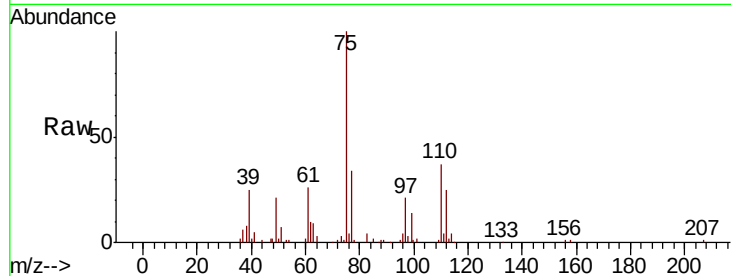




#81
trans-1,4-Dichloro-2-butene
Concen: 61.79 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

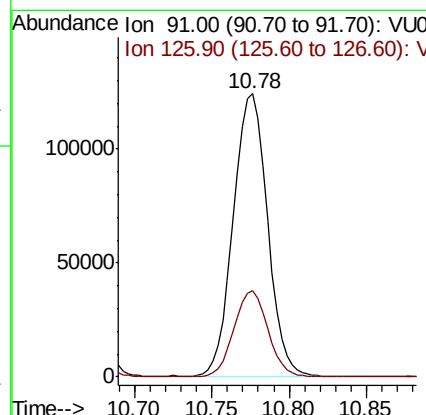
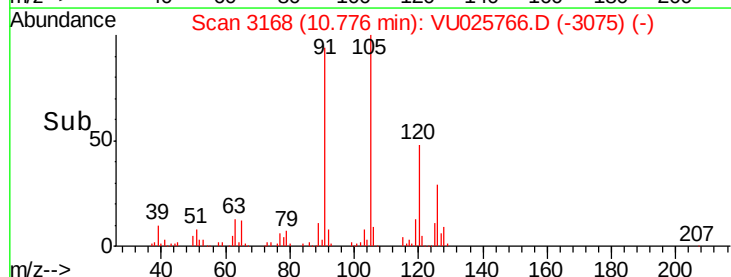
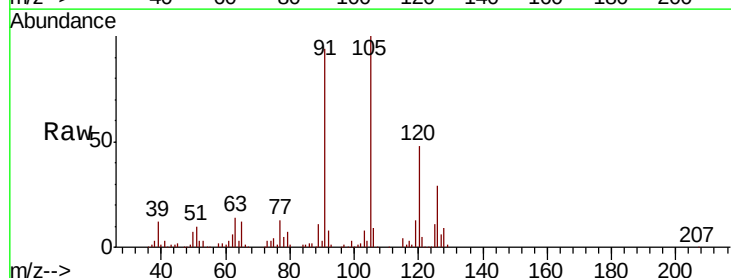
Instrument :
MSVOA_U
ClientSampleId :

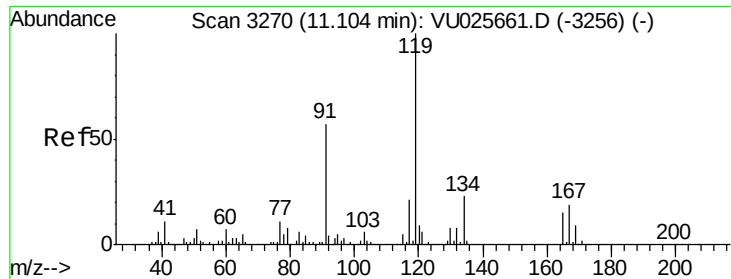
Tot Ion: 75 Resp: 91762
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.49 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion: 91 Resp: 190429
Ion Ratio Lower Upper
91 100
126 30.4 15.3 45.9

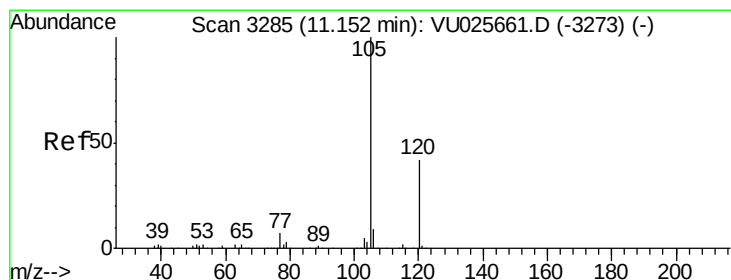
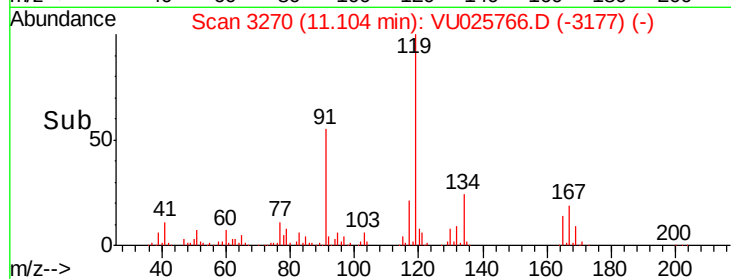
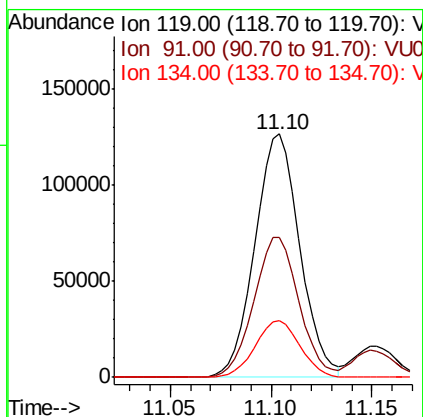
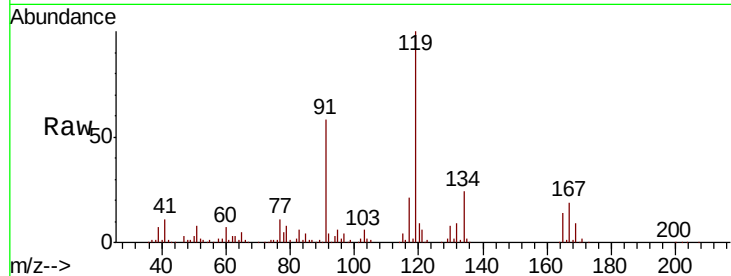




#83
 tert-Butylbenzene
 Concen: 20.22 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

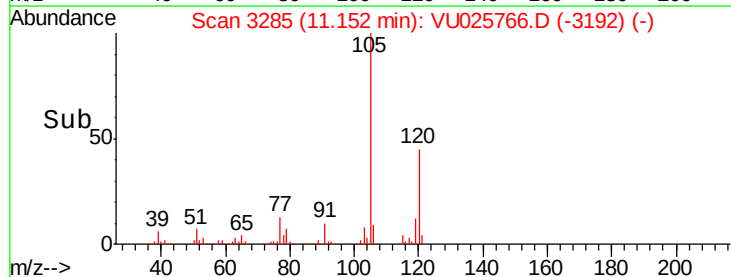
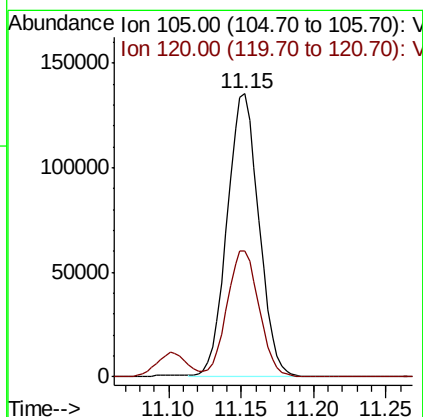
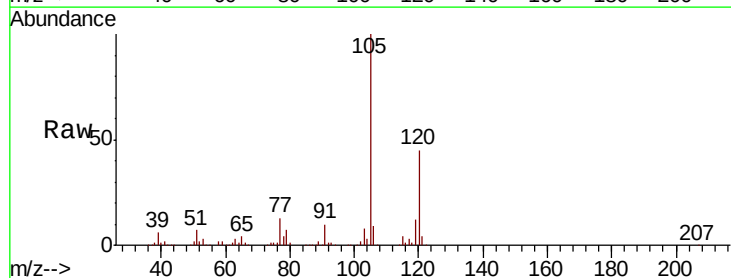
Instrument :
 MSVOA_U
 ClientSampleId :

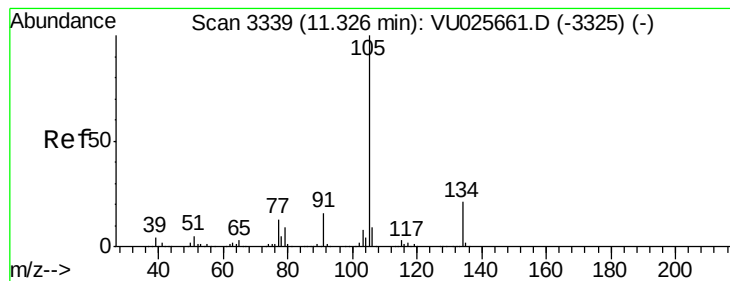
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	29.7	89.1
134	23.4	11.5	34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.82 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.3	66.8





#85

sec-Butylbenzene

Concen: 20.05 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :

MSVOA_U

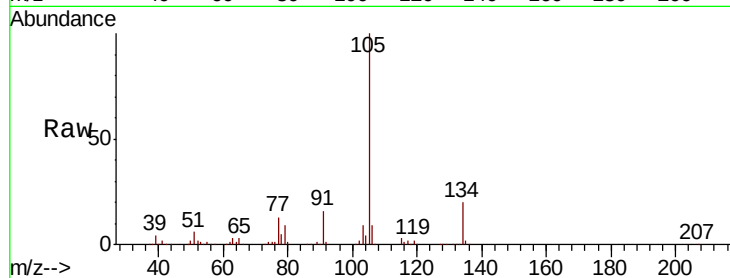
ClientSampleId :

Tot Ion:105 Resp: 238261

Ion Ratio Lower Upper

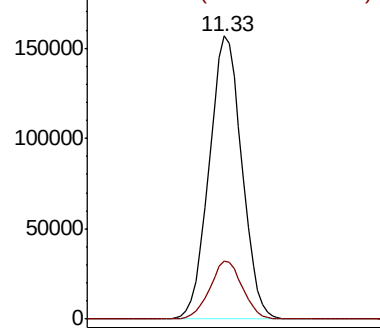
105 100

134 20.4 10.3 30.8

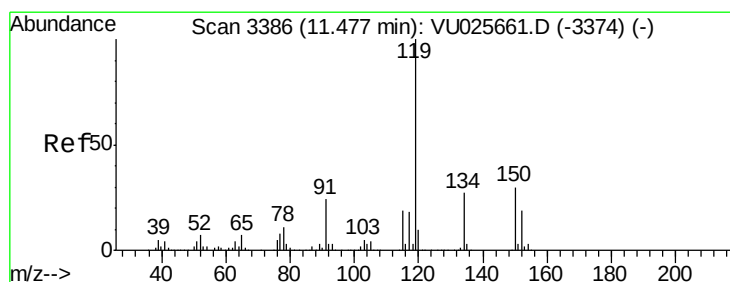
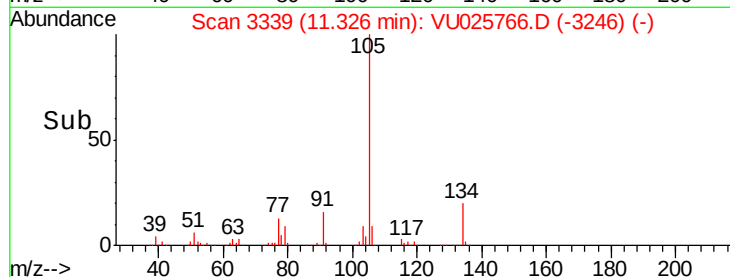


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 20.59 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

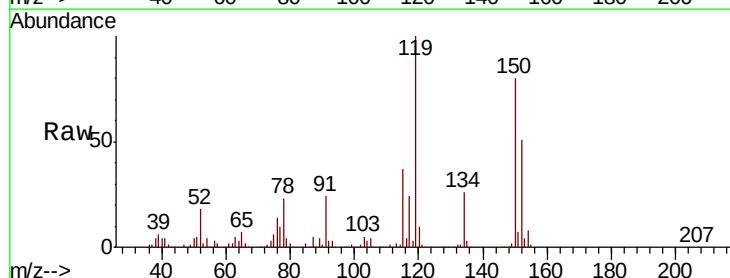
Tgt Ion:119 Resp: 219147

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

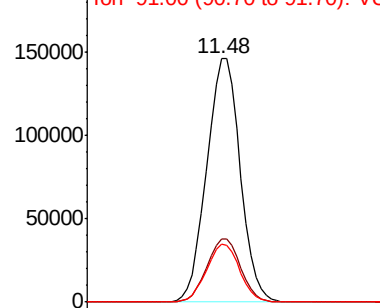
91 23.5 12.0 36.1



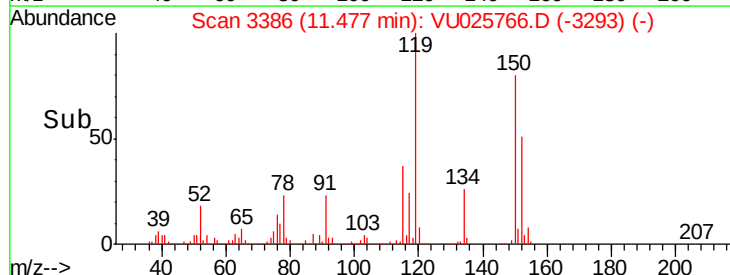
Abundance Ion 119.00 (118.70 to 119.70): V

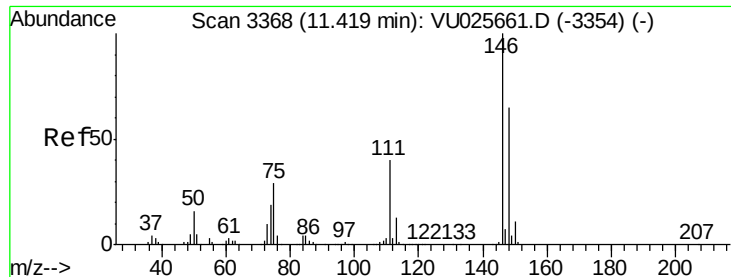
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->

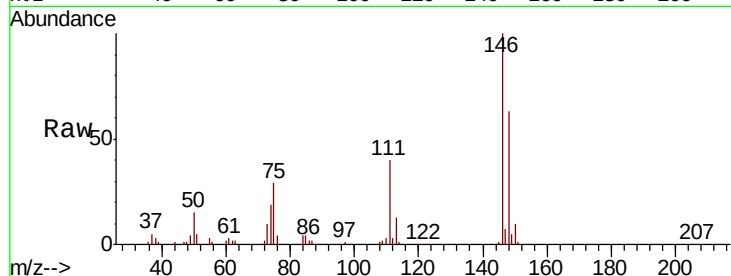




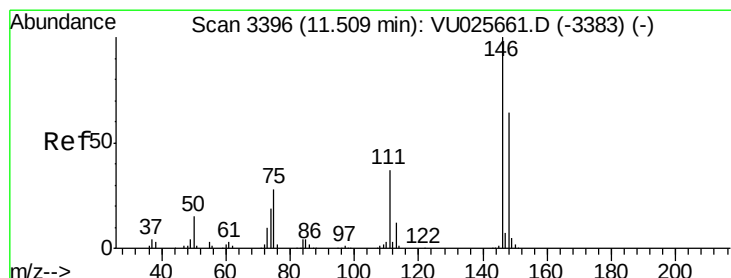
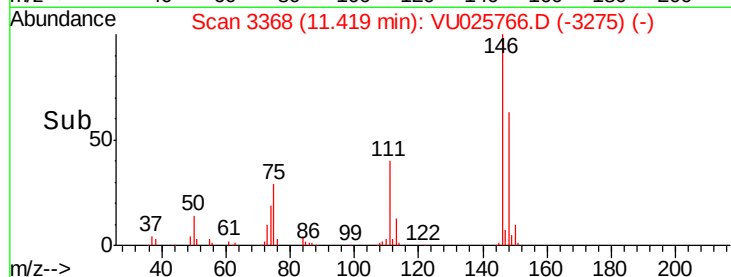
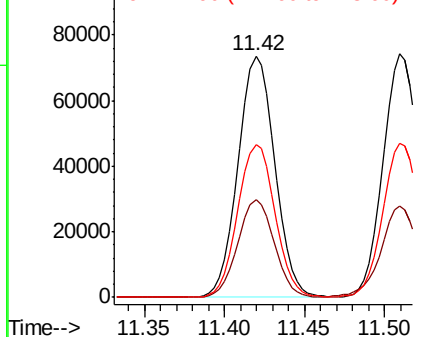
#87
 1,3-Dichlorobenzene
 Concen: 19.56 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 115498
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.7 59.1
 148 64.1 32.1 96.3

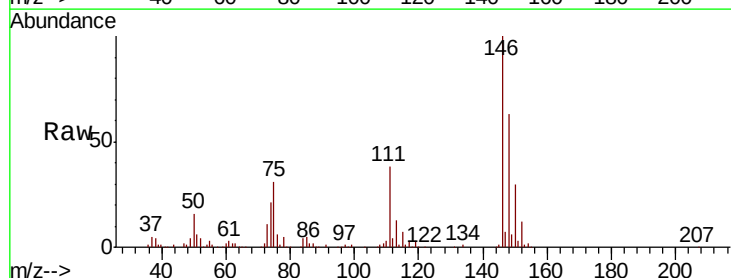


Abundance Ion 145.90 (145.60 to 146.60): V
 100000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

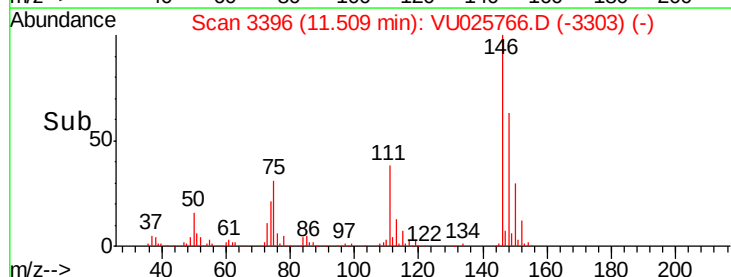
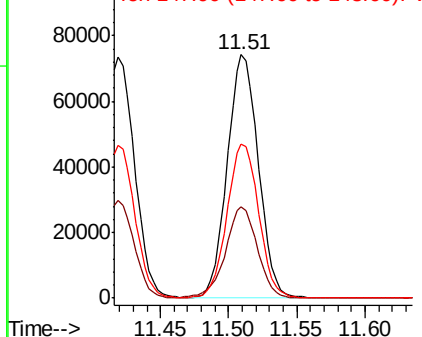


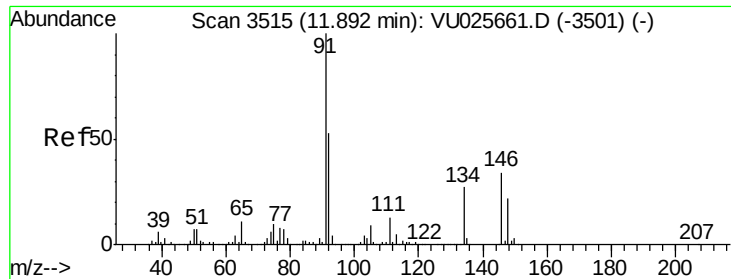
#88
 1,4-Dichlorobenzene
 Concen: 19.13 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Tgt Ion:146 Resp: 117742
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.1
 148 64.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
 100000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.63 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025766.D

Acq: 01 Aug 2018 10:57

Instrument :

MSVOA_U

ClientSampleId :

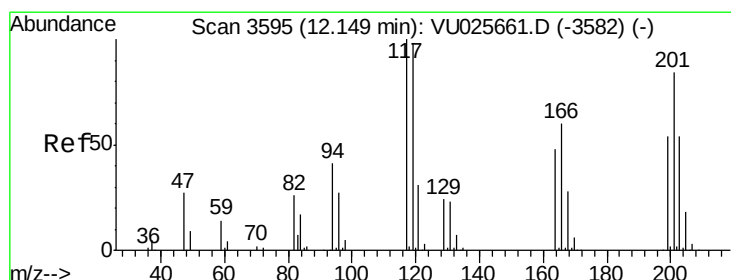
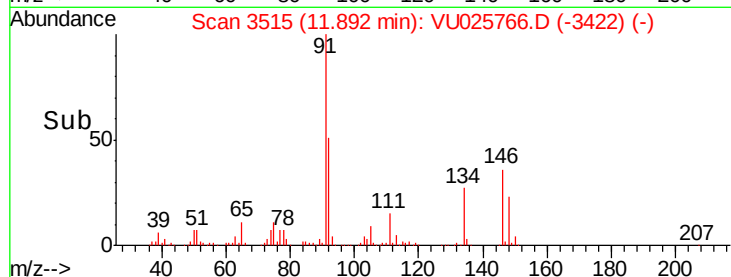
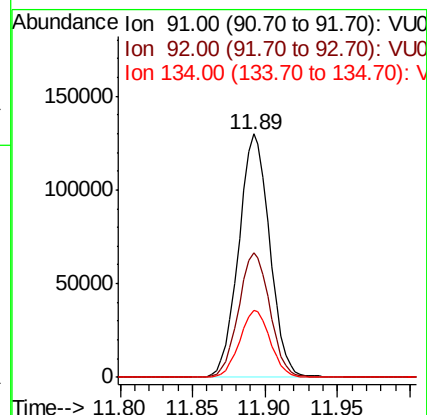
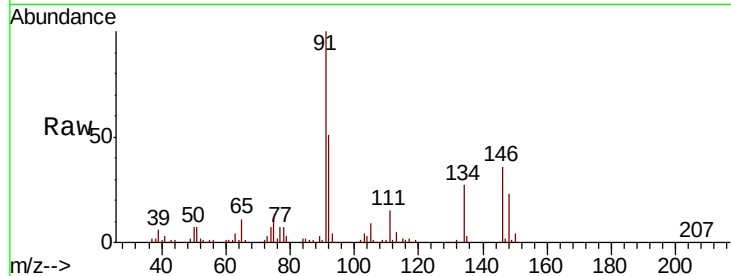
Tot Ion: 91 Resp: 192744

Ion Ratio Lower Upper

91 100

92 51.6 26.5 79.5

134 26.9 13.6 40.7



#90

Hexachloroethane

Concen: 19.21 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025766.D

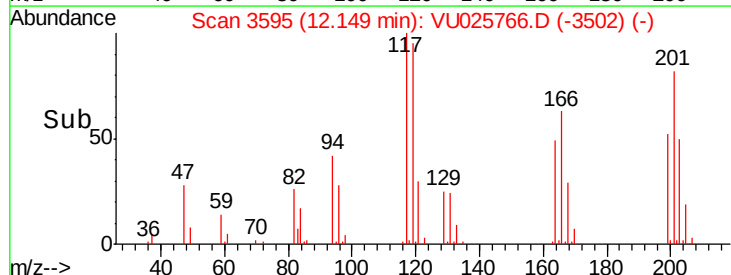
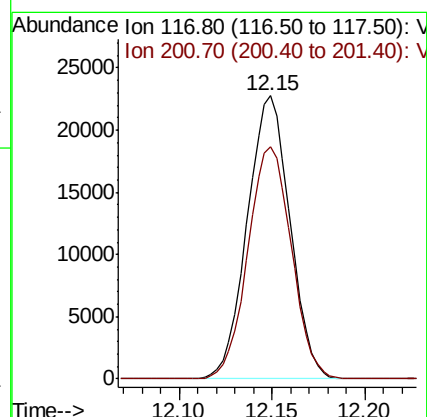
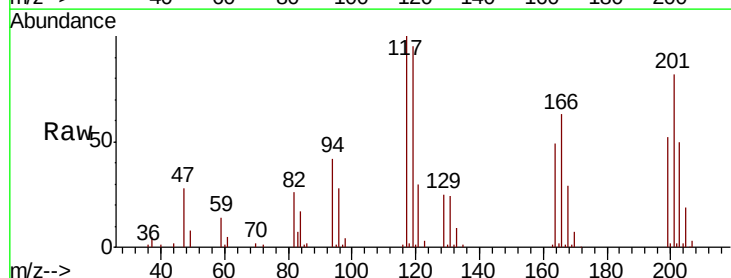
Acq: 01 Aug 2018 10:57

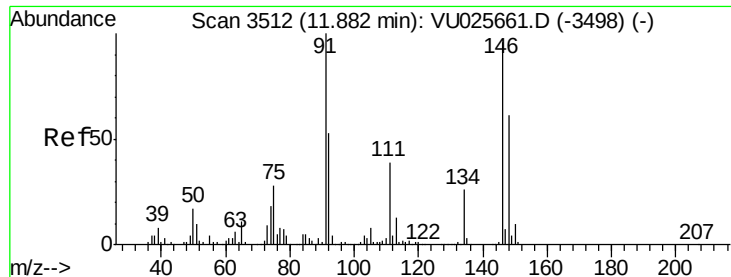
Tgt Ion: 117 Resp: 36351

Ion Ratio Lower Upper

117 100

201 83.6 42.5 127.6

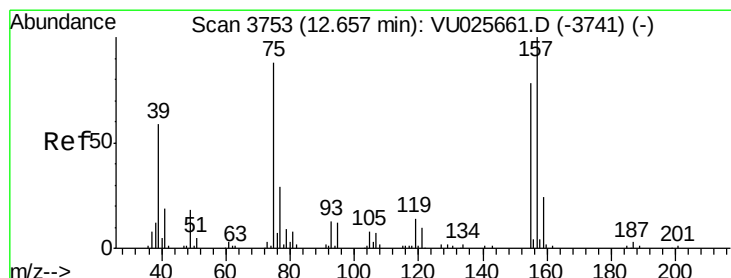
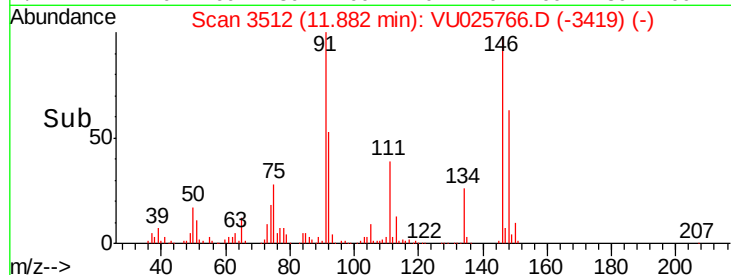
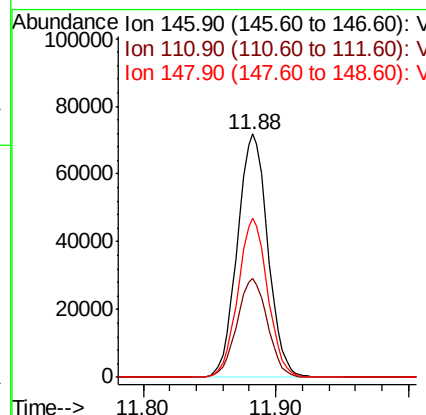
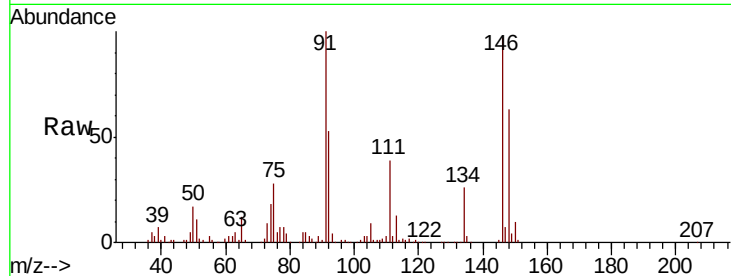




#91
 1,2-Dichlorobenzene
 Concen: 19.81 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

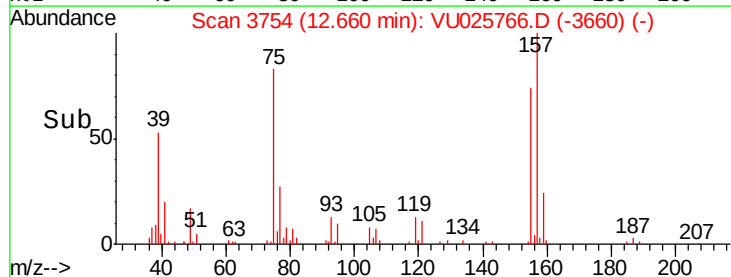
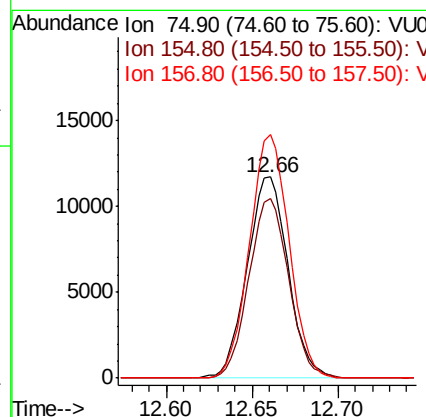
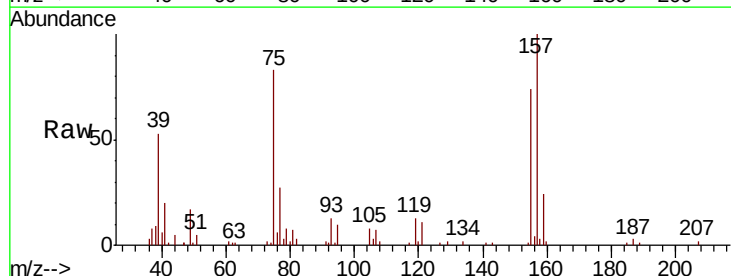
Instrument :
 MSVOA_U
 ClientSampleId :

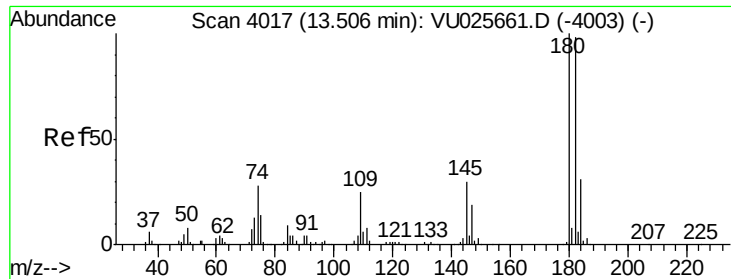
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	63.9	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.45 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.8	44.5	133.3
157	116.8	57.0	170.8

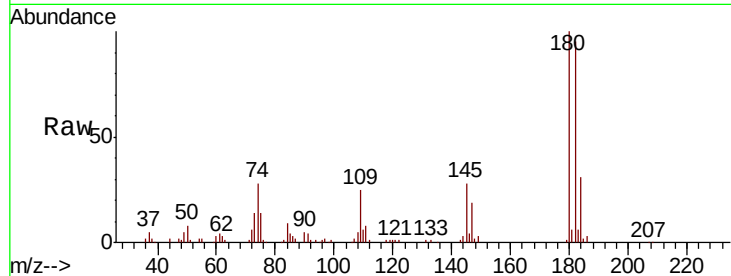




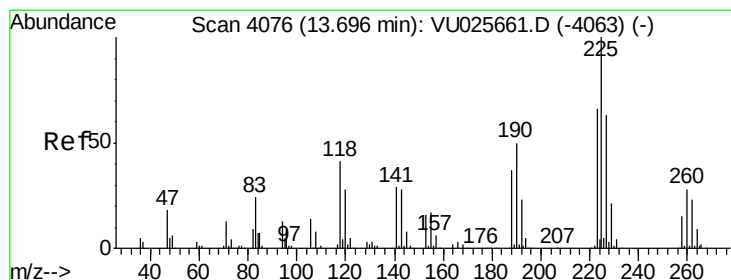
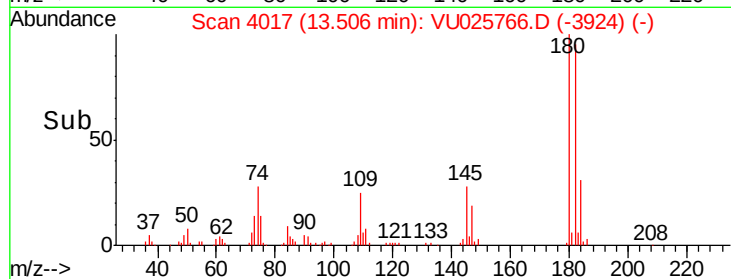
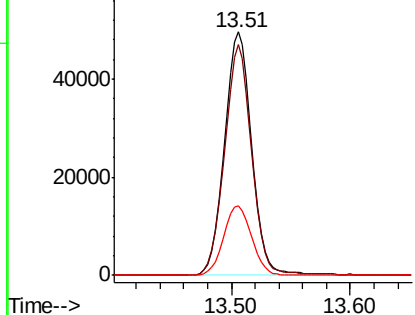
#93
 1,2,4-Trichlorobenzene
 Concen: 20.08 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 78449
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.3 141.9
 145 29.3 14.9 44.7

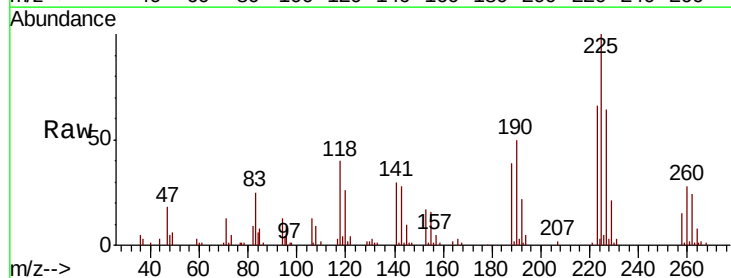


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

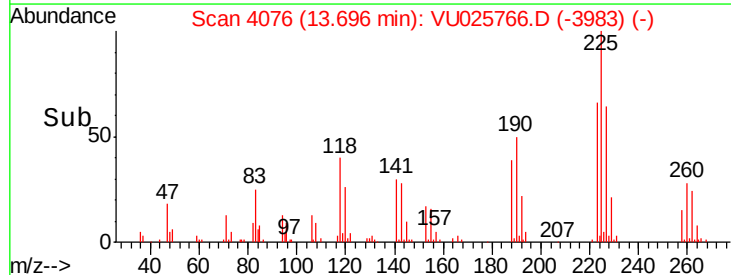
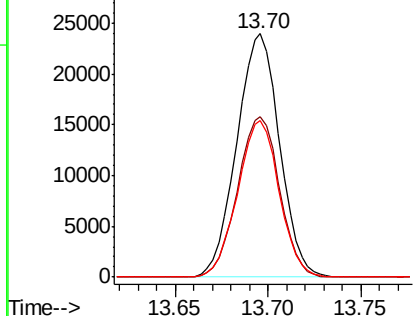


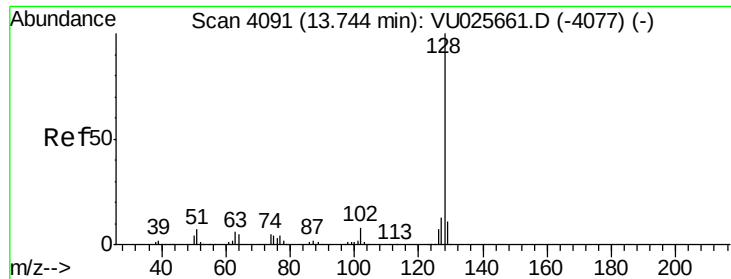
#94
 Hexachlorobutadiene
 Concen: 18.62 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025766.D
 Acq: 01 Aug 2018 10:57

Tgt Ion:225 Resp: 38355
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.9 95.7
 227 62.5 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

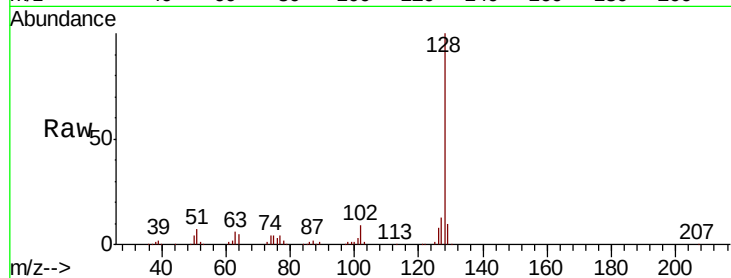




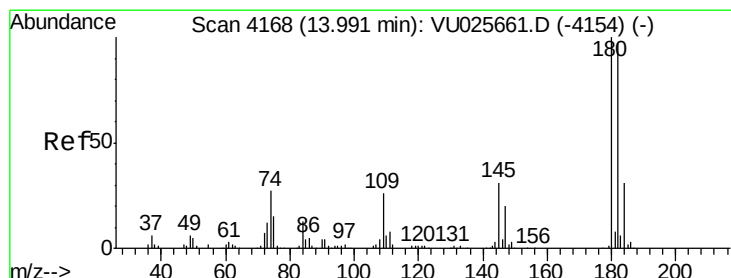
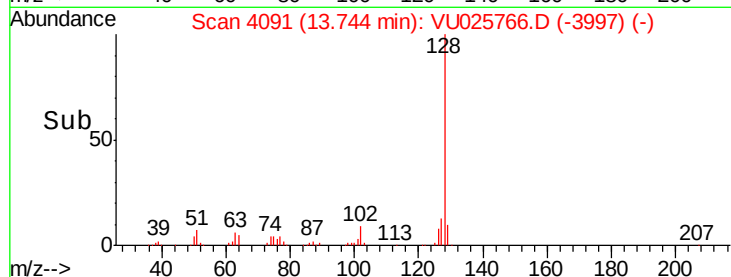
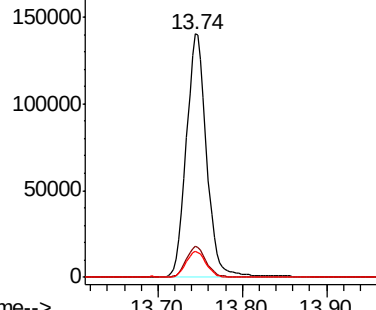
#95
Naphthalene
Concen: 19.59 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 236081
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.6 8.3 12.5

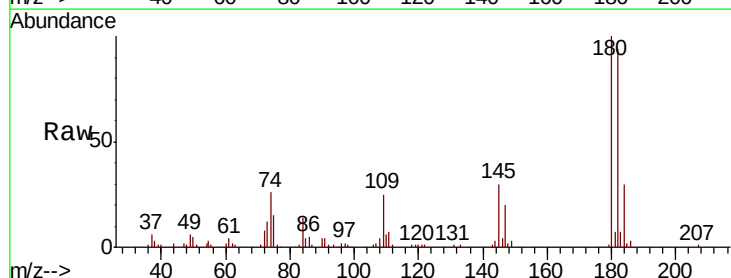


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.30 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025766.D
Acq: 01 Aug 2018 10:57

Tgt Ion:180 Resp: 79134
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.3
145 31.6 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

