

Data File : VU025659.D
Acq On : 27 Jul 2018 10:18
Operator : MD/SY
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Quant Time: Aug 07 05:40:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	169407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	249568	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	245893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150668	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	13567	5.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.28%	
35) Dibromofluoromethane	4.89	113	11280	5.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.40%	
50) Toluene-d8	7.57	98	36298	4.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.56%	
62) 4-Bromofluorobenzene	10.31	95	13799	4.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.36%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	10986	4.291 ug/l	97
3) Chloromethane	1.33	50	12146	4.963 ug/l	96
4) Vinyl Chloride	1.40	62	11378	4.940 ug/l	98
5) Bromomethane	1.62	94	6287	5.589 ug/l	97
6) Chloroethane	1.69	64	6979	5.182 ug/l	99
7) Trichlorofluoromethane	1.88	101	17461	5.244 ug/l	97
8) Diethyl Ether	2.10	74	6254	5.191 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	10553	5.476 ug/l	96
10) Methyl Iodide	2.41	142	3414	10.168 ug/l	92
11) Tert butyl alcohol	2.83	59	15292	26.461 ug/l	97
12) 1,1-Dichloroethene	2.28	96	9115	5.011 ug/l	96
13) Acrolein	2.19	56	8315	38.007 ug/l	98
14) Allyl chloride	2.59	41	16218	4.961 ug/l	96
15) Acrylonitrile	2.94	53	27483	23.819 ug/l	92
16) Acetone	2.32	43	33229	25.821 ug/l	95
17) Carbon Disulfide	2.48	76	29497	5.011 ug/l	99
18) Methyl Acetate	2.62	43	13468	4.348 ug/l	96
19) Methyl tert-butyl Ether	3.00	73	33493	5.081 ug/l	98
20) Methylene Chloride	2.70	84	11853	5.197 ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	11165	5.310 ug/l	92
22) Diisopropyl ether	3.57	45	33637	5.222 ug/l	97
23) Vinyl Acetate	3.53	43	144996	25.830 ug/l	100
24) 1,1-Dichloroethane	3.45	63	20320	5.255 ug/l	98
25) 2-Butanone	4.27	43	45083	25.735 ug/l	100
26) 2,2-Dichloropropane	4.23	77	18043	5.134 ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	12439	5.247 ug/l	97
28) Bromochloromethane	4.55	49	8984	5.197 ug/l	97
29) Tetrahydrofuran	4.64	42	25961	24.736 ug/l	97
30) Chloroform	4.67	83	21065	5.161 ug/l	100
31) Cyclohexane	5.00	56	20387	4.839 ug/l	# 87
32) 1,1,1-Trichloroethane	4.92	97	18642	5.073 ug/l	98
36) 1,1-Dichloropropene	5.14	75	15204	5.213 ug/l	99
37) Ethyl Acetate	4.38	43	16572	5.480 ug/l	97
38) Carbon Tetrachloride	5.14	117	17032	5.156 ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	17295	5.175	ug/l	99
40) Benzene	5.39	78	44197	5.184	ug/l	96
41) Methacrylonitrile	4.55	41	8558	5.095	ug/l	99
42) 1,2-Dichloroethane	5.41	62	17727	5.400	ug/l	92
43) Isopropyl Acetate	5.55	43	25136	5.030	ug/l	99
44) Trichloroethene	6.19	130	12029	5.067	ug/l	86
45) 1,2-Dichloropropane	6.44	63	11351	5.105	ug/l	97
46) Dibromomethane	6.56	93	8650	5.369	ug/l #	78
47) Bromodichloromethane	6.76	83	16491	5.366	ug/l	95
48) Methyl methacrylate	6.63	41	12227	4.992	ug/l	97
49) 1,4-Dioxane	6.62	88	6019	100.983	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	77226	24.683	ug/l	98
52) Toluene	7.64	92	26996	5.097	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	17011	4.930	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	17952	5.065	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	11873	5.394	ug/l	92
56) Ethyl methacrylate	8.02	69	15465	4.918	ug/l	97
57) 1,3-Dichloropropane	8.25	76	19145	5.172	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	31608	28.643	ug/l	99
59) 2-Hexanone	8.36	43	60490	24.664	ug/l	96
60) Dibromochloromethane	8.48	129	13006	5.011	ug/l	94
61) 1,2-Dibromoethane	8.59	107	12433	5.079	ug/l	98
64) Tetrachloroethene	8.23	164	11220	5.184	ug/l	93
65) Chlorobenzene	9.12	112	32756	5.167	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	11662	5.085	ug/l	95
67) Ethyl Benzene	9.25	91	52329	4.983	ug/l	99
68) m/p-Xylenes	9.38	106	40177	9.965	ug/l	100
69) o-Xylene	9.78	106	19515	4.953	ug/l	99
70) Styrene	9.80	104	30618	4.811	ug/l	99
71) Bromoform	9.96	173	9186	4.619	ug/l #	97
73) Isopropylbenzene	10.17	105	52572	5.112	ug/l	99
74) N-amyl acetate	10.01	43	19850	4.728	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	18532	5.211	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	20709	6.238	ug/l	82
77) Bromobenzene	10.45	156	14995	5.287	ug/l	96
78) n-propylbenzene	10.59	91	60292	5.023	ug/l	99
79) 2-Chlorotoluene	10.66	91	35076	4.989	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	43484	4.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	20709	15.642	ug/l #	100
82) 4-Chlorotoluene	10.78	91	42995	5.188	ug/l	100
83) tert-Butylbenzene	11.10	119	43519	5.015	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	44585	5.038	ug/l	97
85) sec-Butylbenzene	11.33	105	53160	5.018	ug/l	99
86) p-Isopropyltoluene	11.48	119	48010	5.061	ug/l	97
87) 1,3-Dichlorobenzene	11.42	146	27300	5.185	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	28634	5.217	ug/l	96
89) n-Butylbenzene	11.90	91	44649	5.100	ug/l	96
90) Hexachloroethane	12.15	117	9025	5.351	ug/l	90
91) 1,2-Dichlorobenzene	11.88	146	26969	5.226	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	3958	4.695	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Quantitation Report (Not Reviewed)

Data File : VU025659.D
Acq On : 27 Jul 2018 10:18
Operator : MD/SY
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Aug 07 05:40:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

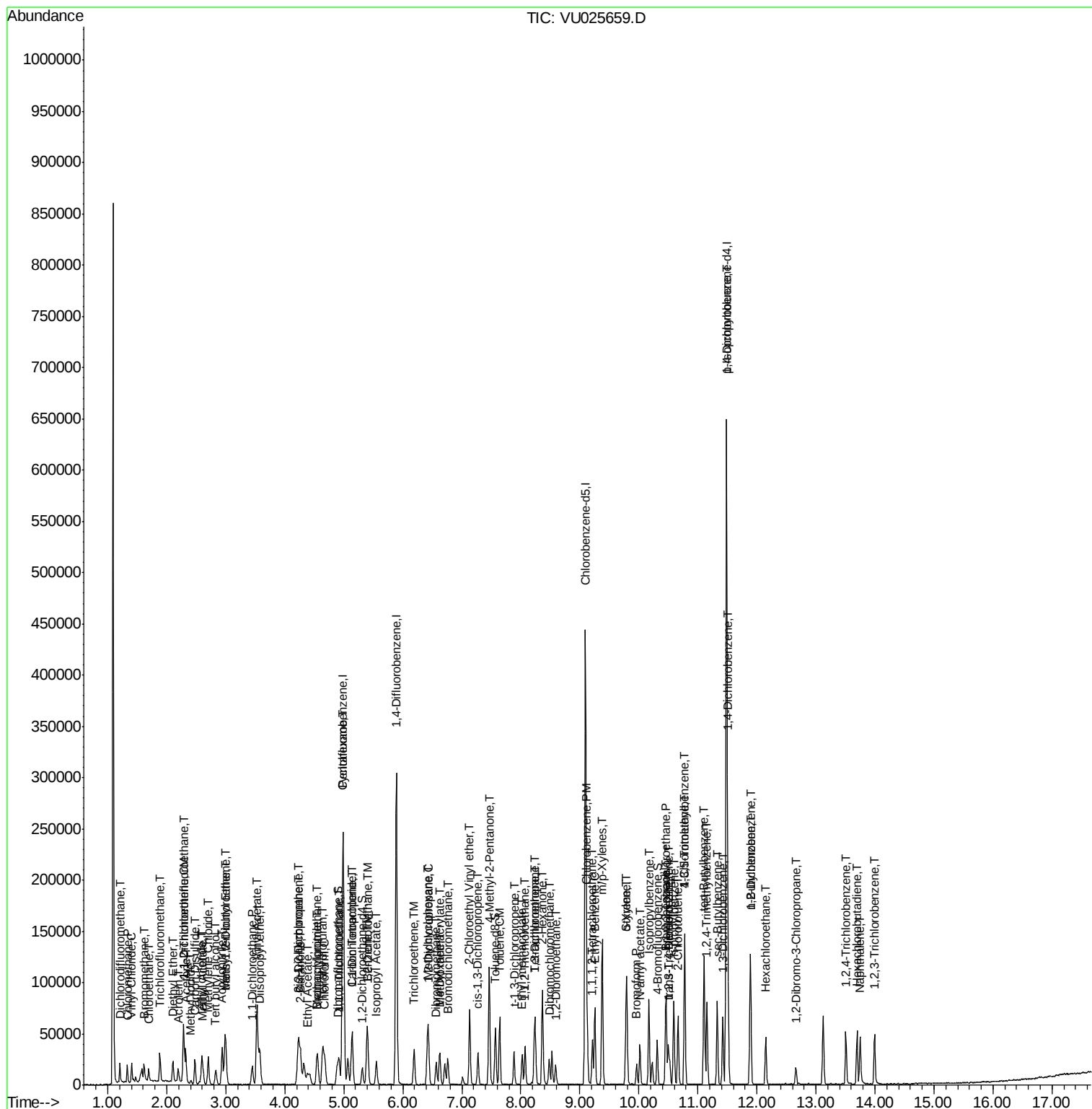
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	16758	4.811	ug/l	99
94) Hexachlorobutadiene	13.70	225	9713	5.290	ug/l	98
95) Naphthalene	13.75	128	42603	4.963	ug/l	97
96) 1,2,3-Trichlorobenzene	13.99	180	16499	4.749	ug/l	100

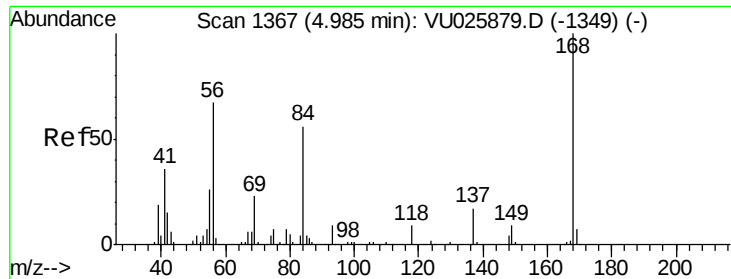
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU025659.D
Acq On : 27 Jul 2018 10:18
Operator : MD/SY
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Quant Time: Aug 07 05:40:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

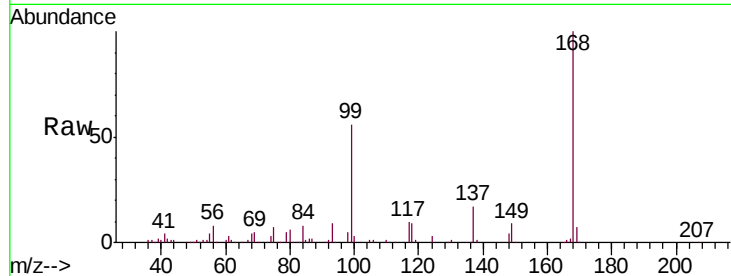
VSTDIC005

Tgt Ion:168 Resp: 169407

Ion Ratio Lower Upper

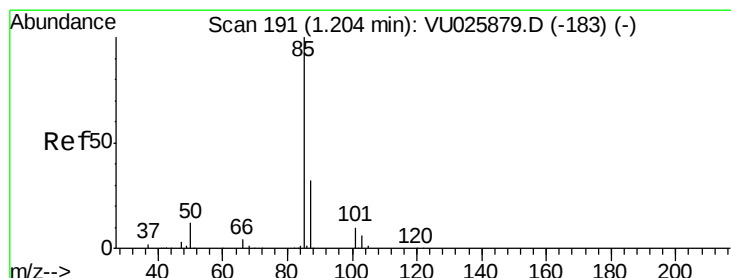
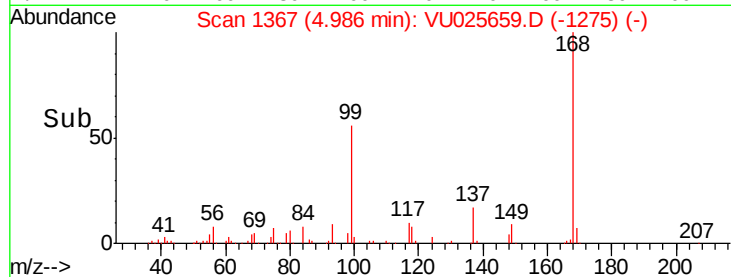
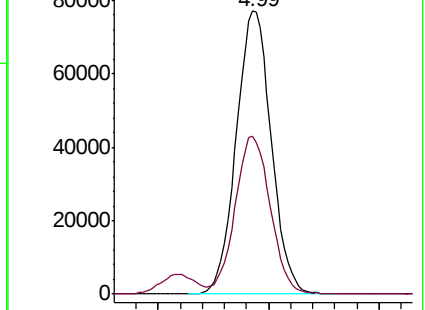
168 100

99 55.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025879.D (-1349) (-)



#2

Dichlorodifluoromethane

Concen: 4.291 ug/l

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU025659.D

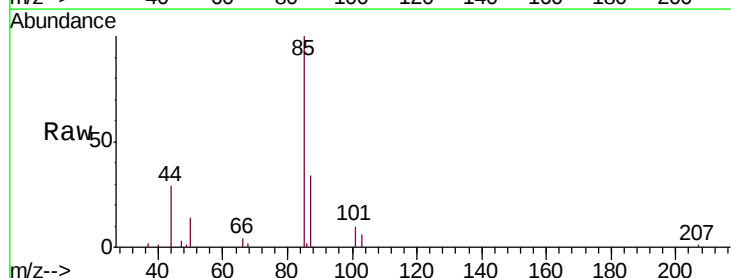
Acq: 27 Jul 2018 10:18

Tgt Ion: 85 Resp: 10986

Ion Ratio Lower Upper

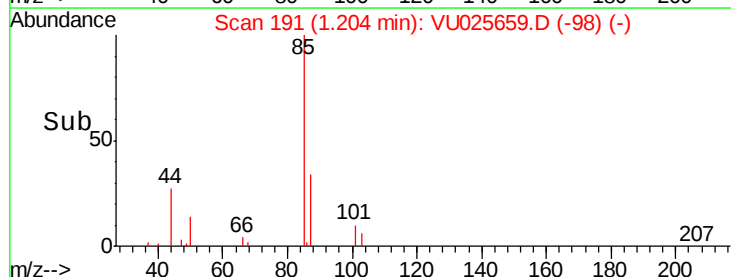
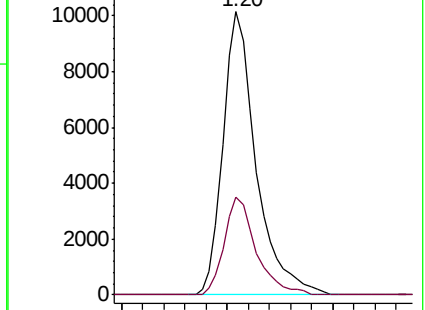
85 100

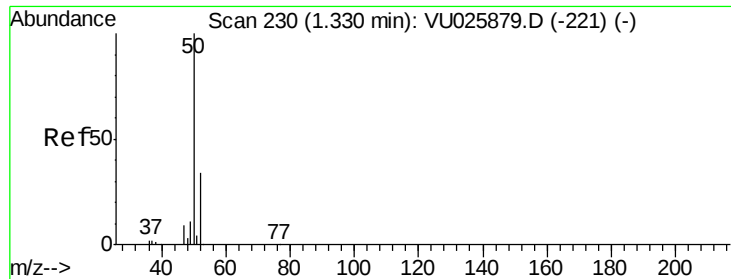
87 34.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025879.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025879.D (-183) (-)





#3

Chloromethane

Concen: 4.963 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

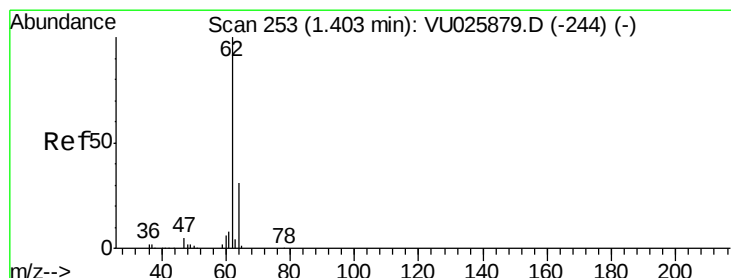
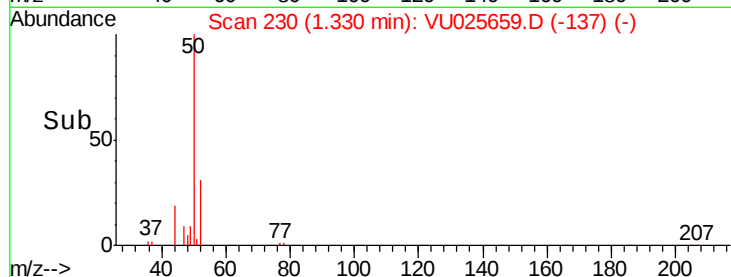
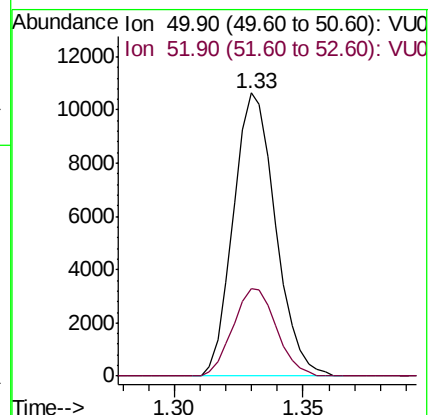
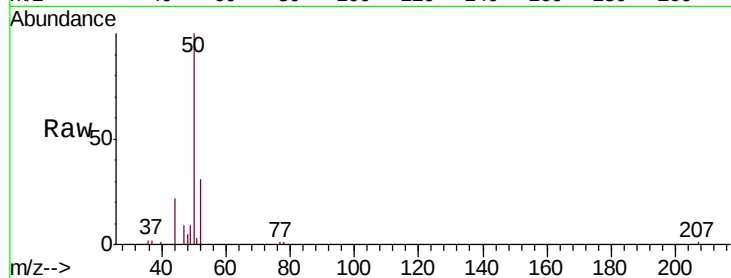
VSTDIC005

Tgt Ion: 50 Resp: 12146

Ion Ratio Lower Upper

50 100

52 31.0 26.5 39.7



#4

Vinyl Chloride

Concen: 4.940 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025659.D

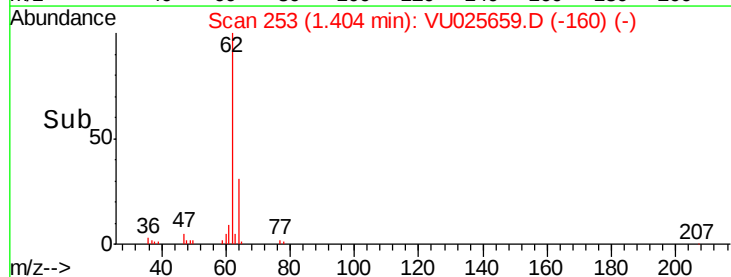
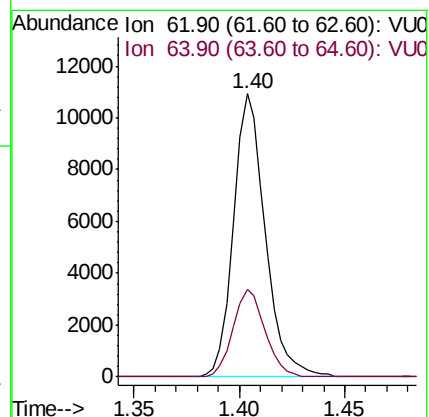
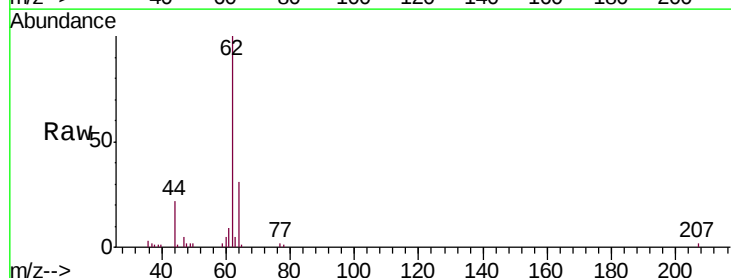
Acq: 27 Jul 2018 10:18

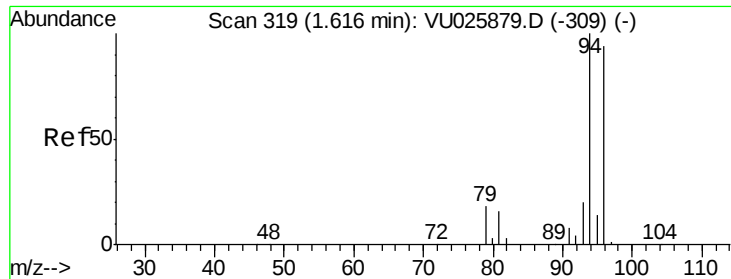
Tgt Ion: 62 Resp: 11378

Ion Ratio Lower Upper

62 100

64 30.7 25.4 38.0





#5

Bromomethane

Concen: 5.589 ug/l

RT: 1.62 min Scan# 320

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

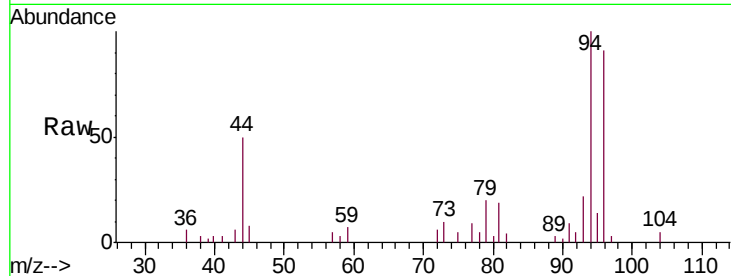
VSTDIC005

Tgt Ion: 94 Resp: 6287

Ion Ratio Lower Upper

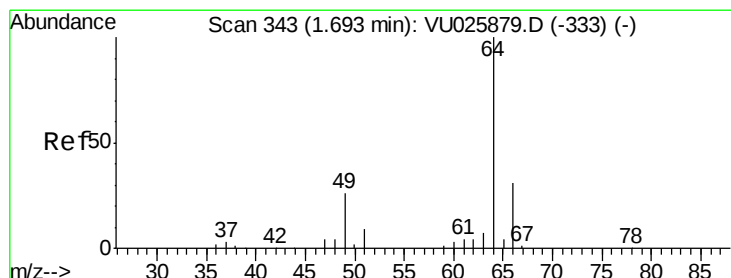
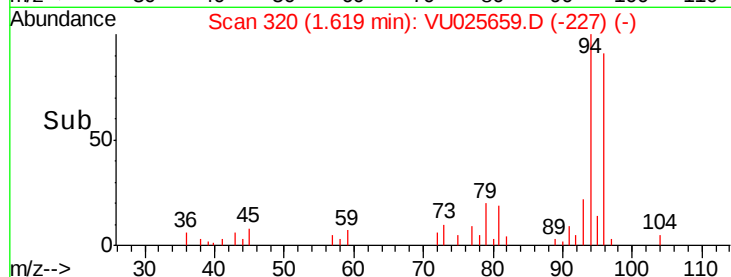
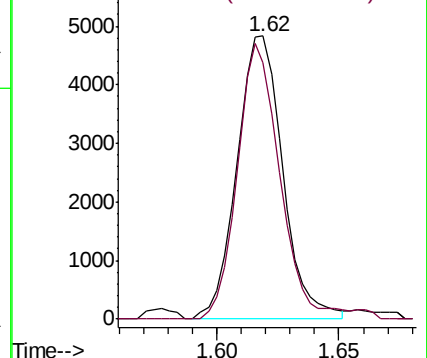
94 100

96 90.5 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: 5.182 ug/l

RT: 1.69 min Scan# 343

Delta R.T. 0.00 min

Lab File: VU025659.D

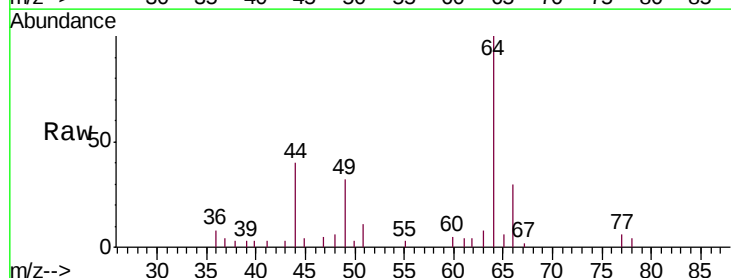
Acq: 27 Jul 2018 10:18

Tgt Ion: 64 Resp: 6979

Ion Ratio Lower Upper

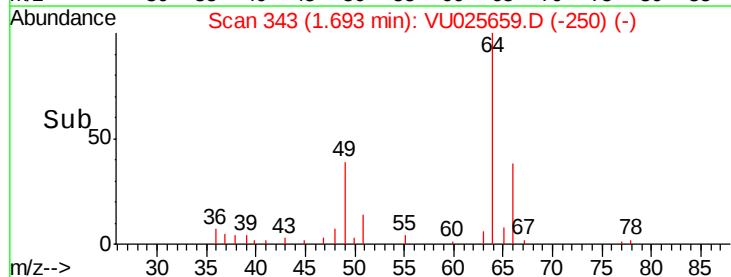
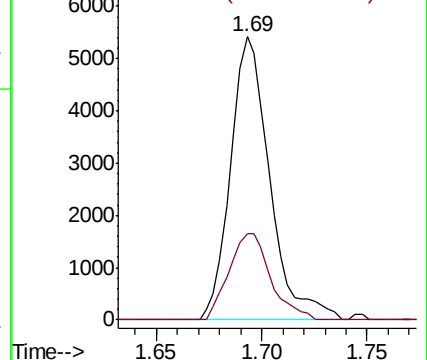
64 100

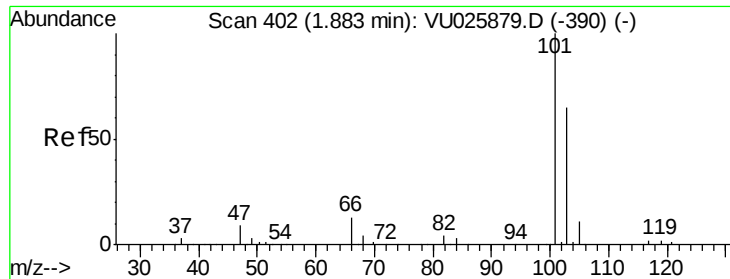
66 30.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



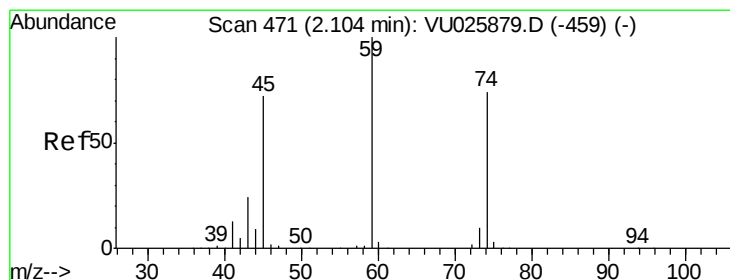
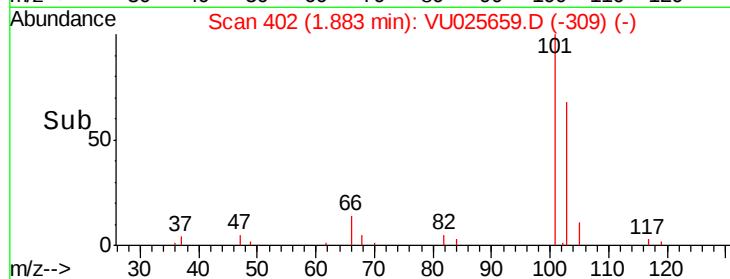
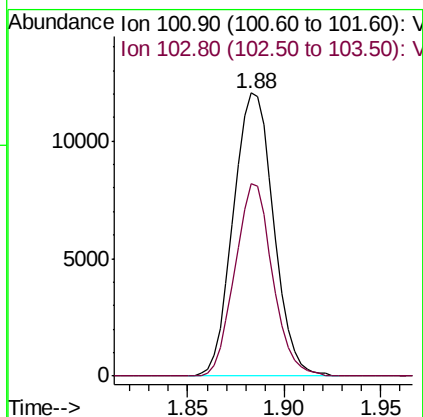
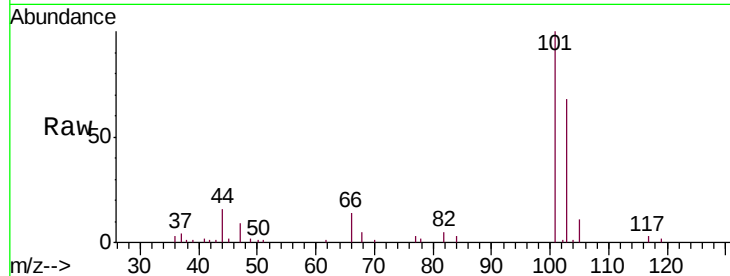


#7

Trichlorofluoromethane
 Concen: 5.244 ug/l
 RT: 1.88 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Instrument :
 MSVOA_U
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 VSTDIC005

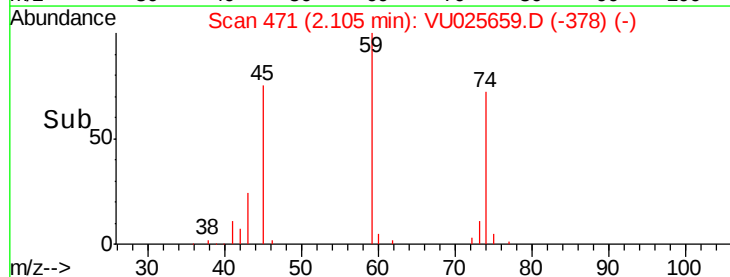
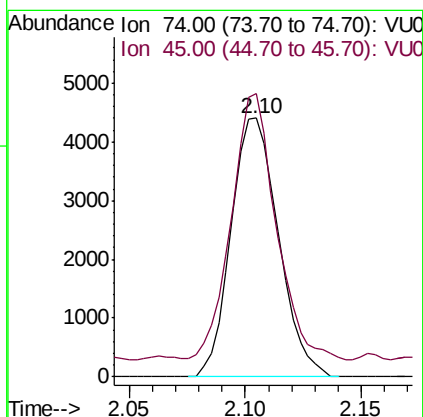
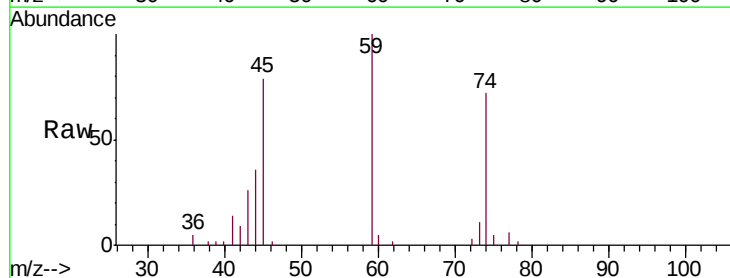
Tgt Ion:101 Resp: 17461
 Ion Ratio Lower Upper
 101 100
 103 68.0 52.2 78.2

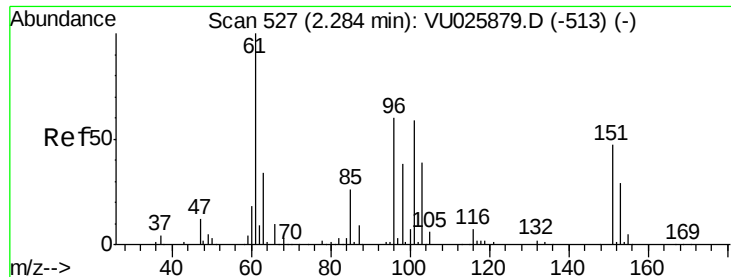


#8

Diethyl Ether
 Concen: 5.191 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Tgt Ion: 74 Resp: 6254
 Ion Ratio Lower Upper
 74 100
 45 97.4 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.476 ug/l

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

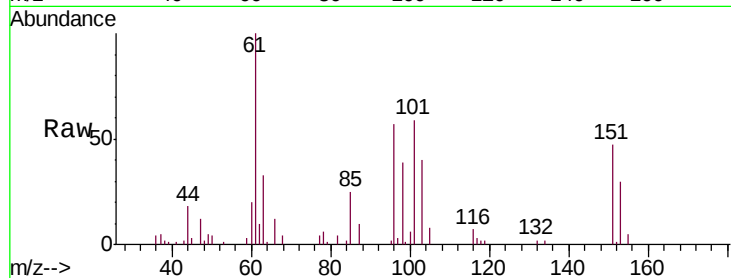
Tgt Ion:101 Resp: 10553

Ion Ratio Lower Upper

101 100

85 42.0 36.0 54.0

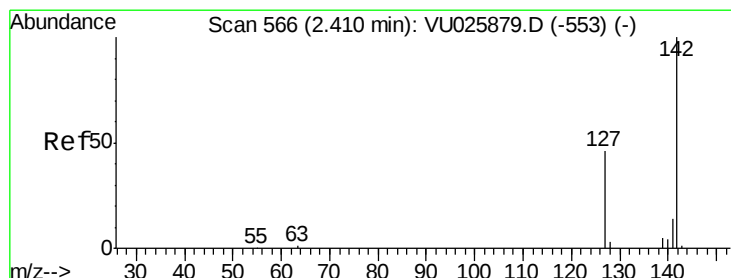
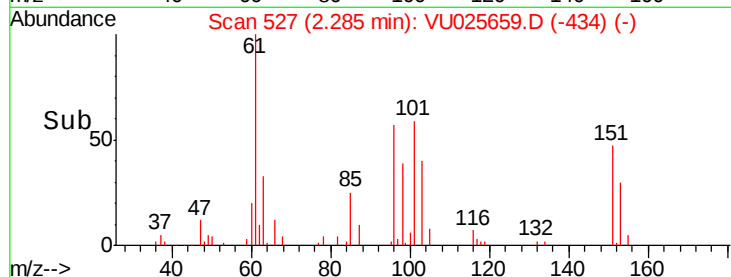
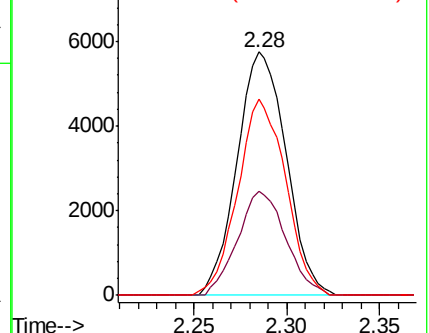
151 78.8 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.168 ug/l

RT: 2.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

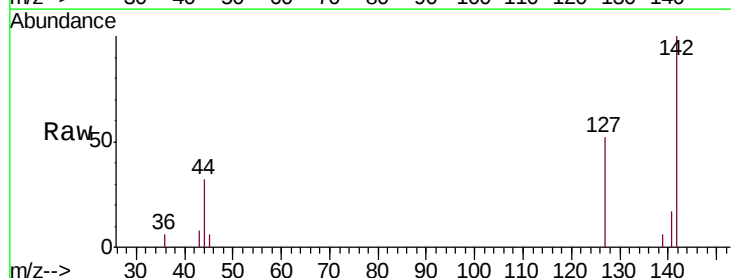
Tgt Ion:142 Resp: 3414

Ion Ratio Lower Upper

142 100

127 51.9 36.5 54.7

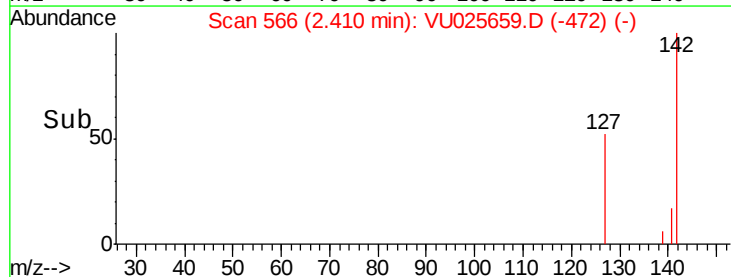
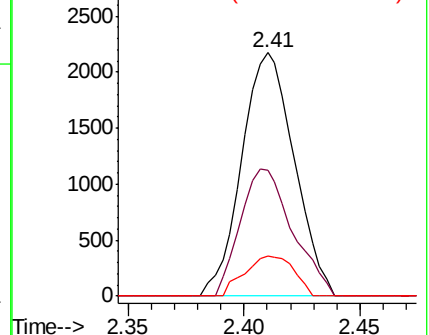
141 15.3 11.4 17.2

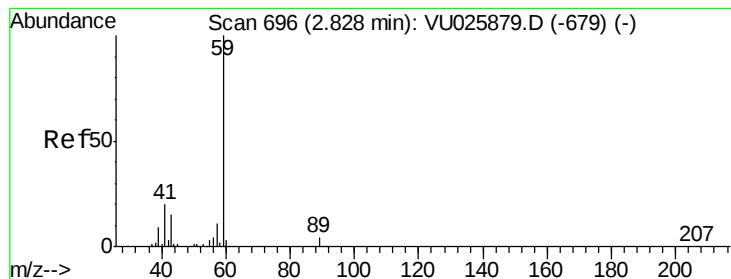


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 26.461 ug/l

RT: 2.83 min Scan# 697

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

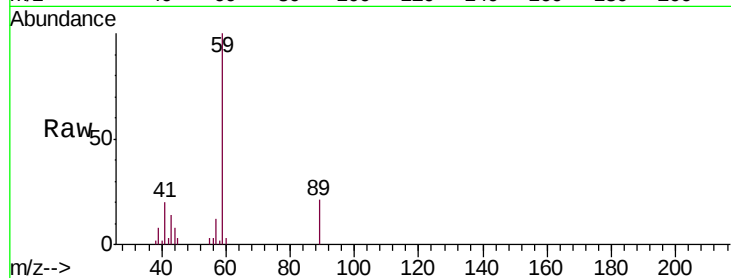
VSTDIC005

Tgt Ion: 59 Resp: 15292

Ion Ratio Lower Upper

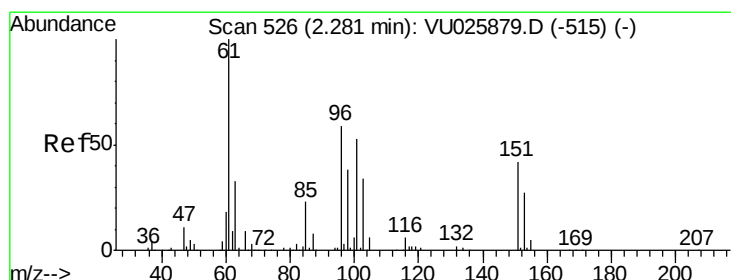
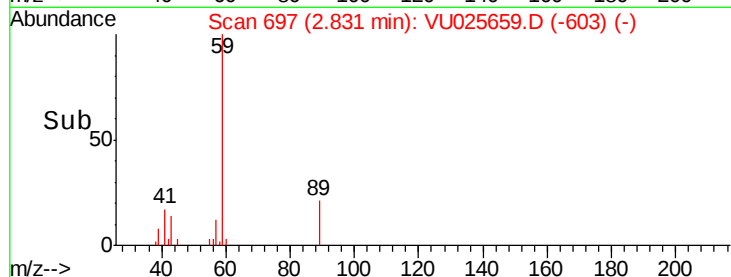
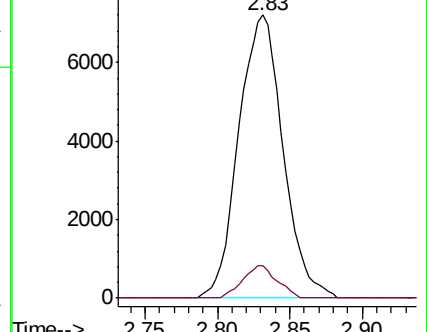
59 100

57 9.0 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VU025879.D (-679) (-)

Ion 57.00 (56.70 to 57.70): VU025879.D (-679) (-)



#12

1,1-Dichloroethene

Concen: 5.011 ug/l

RT: 2.28 min Scan# 526

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

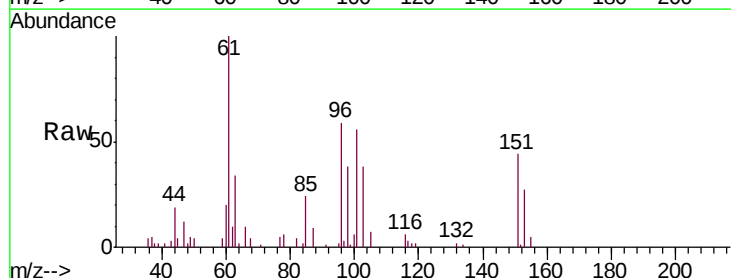
Tgt Ion: 96 Resp: 9115

Ion Ratio Lower Upper

96 100

61 170.9 140.2 210.4

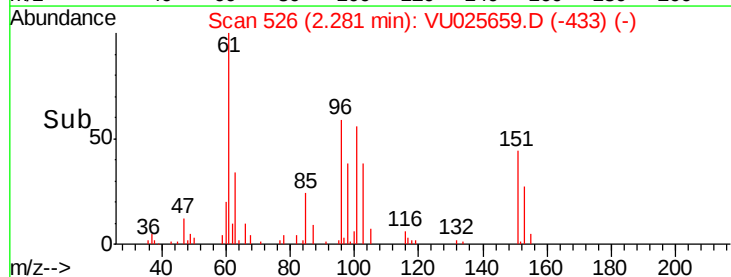
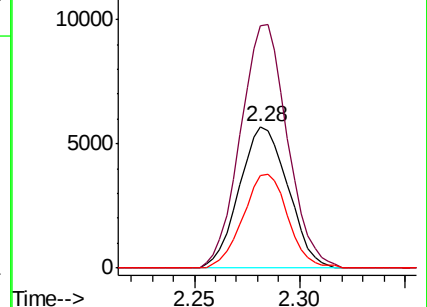
98 65.6 49.3 73.9

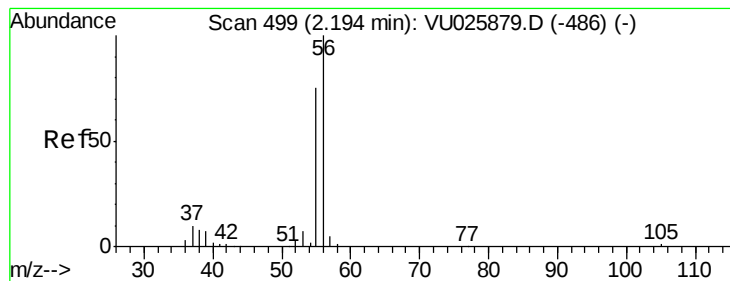


Abundance Ion 95.90 (95.60 to 96.60): VU025879.D (-515) (-)

Ion 60.90 (60.60 to 61.60): VU025879.D (-515) (-)

Ion 97.90 (97.60 to 98.60): VU025879.D (-515) (-)





#13

Acrolein

Concen: 38.007 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

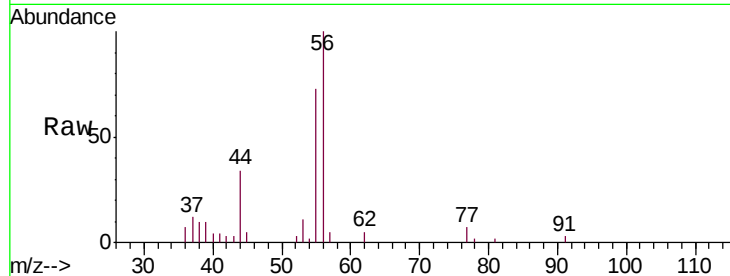
VSTDIC005

Tgt Ion: 56 Resp: 8315

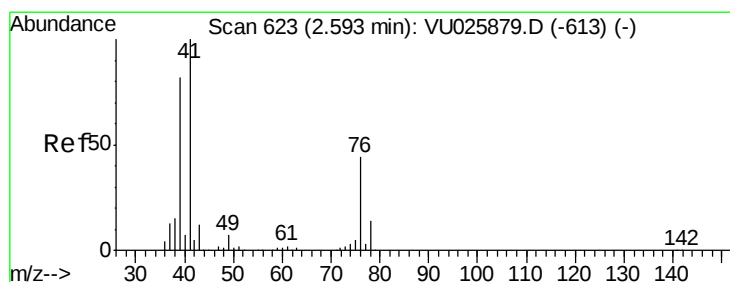
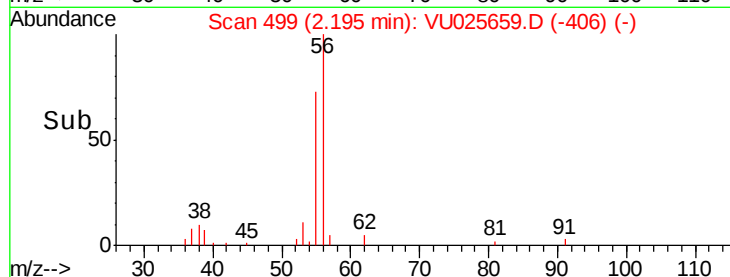
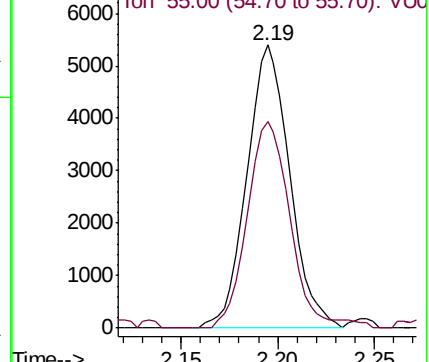
Ion Ratio Lower Upper

56 100

55 73.5 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU025879.D (-486) (-)



#14

Allyl chloride

Concen: 4.961 ug/l

RT: 2.59 min Scan# 622

Delta R.T. -0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

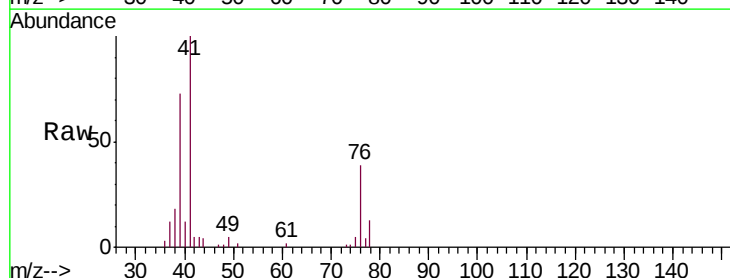
Tgt Ion: 41 Resp: 16218

Ion Ratio Lower Upper

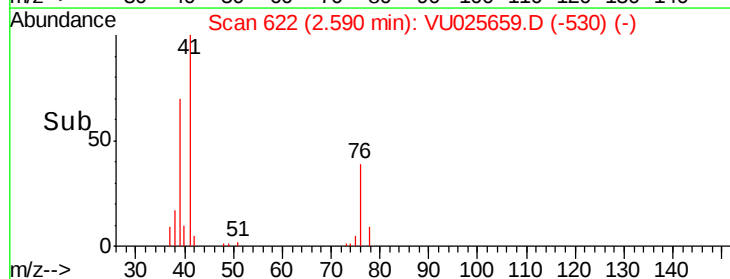
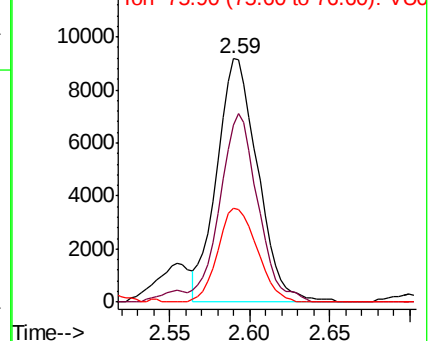
41 100

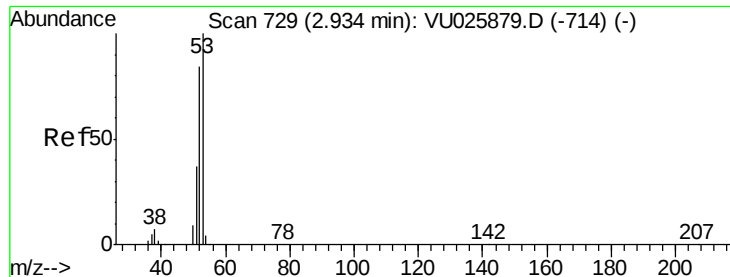
39 71.7 60.6 91.0

76 36.9 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VU025879.D (-613) (-)





#15

Acrylonitrile

Concen: 23.819 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

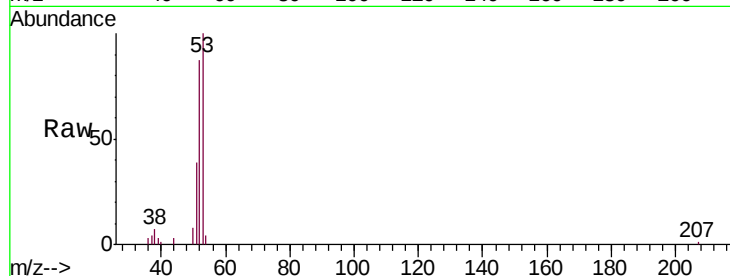
Tgt Ion: 53 Resp: 27483

Ion Ratio Lower Upper

53 100

52 91.5 66.6 99.8

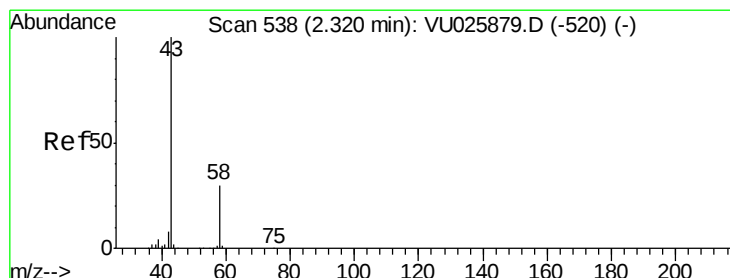
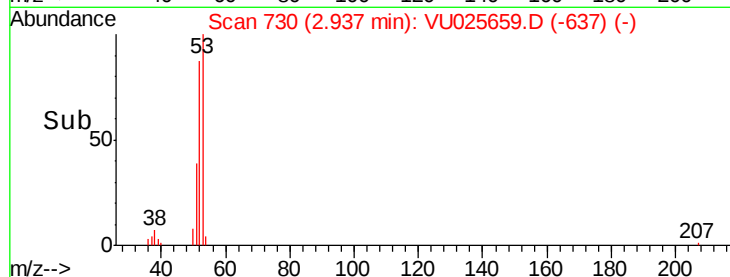
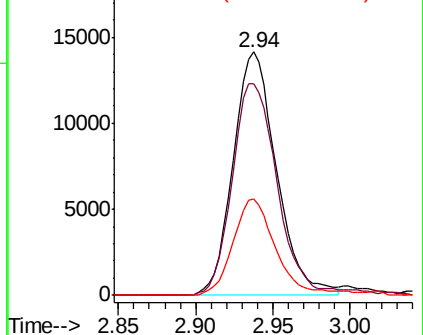
51 39.5 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU025659.D (-637) (-)

Ion 52.00 (51.70 to 52.70): VU025659.D (-637) (-)

Ion 51.00 (50.70 to 51.70): VU025659.D (-637) (-)



#16

Acetone

Concen: 25.821 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025659.D

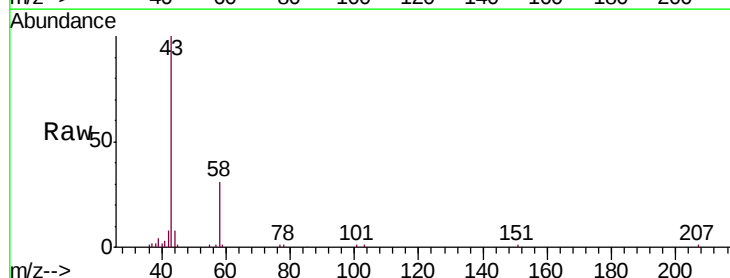
Acq: 27 Jul 2018 10:18

Tgt Ion: 43 Resp: 33229

Ion Ratio Lower Upper

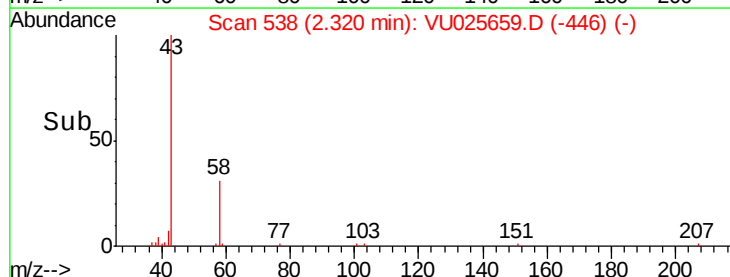
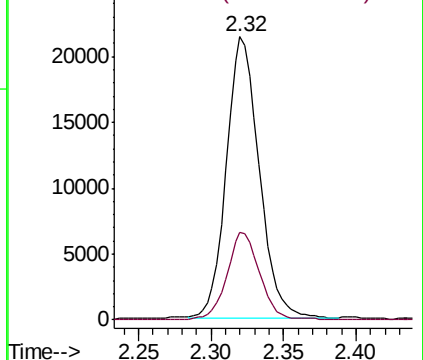
43 100

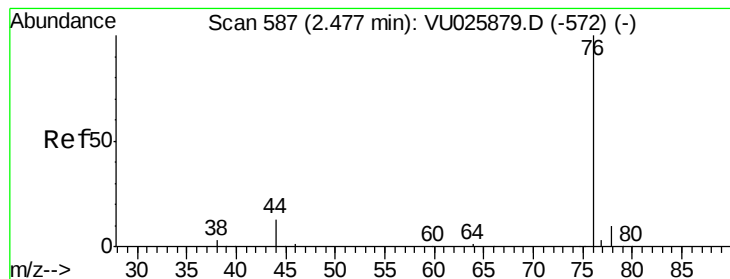
58 31.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025659.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU025659.D (-446) (-)





#17

Carbon Disulfide

Concen: 5.011 ug/l

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

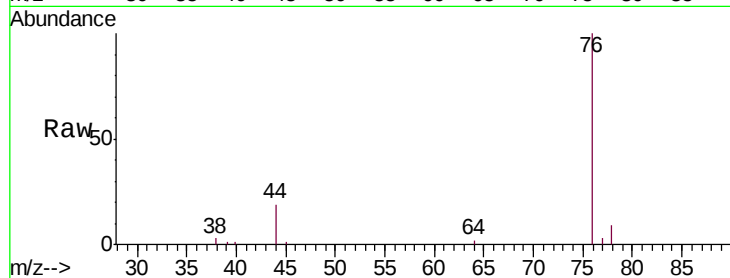
VSTDIC005

Tgt Ion: 76 Resp: 29497

Ion Ratio Lower Upper

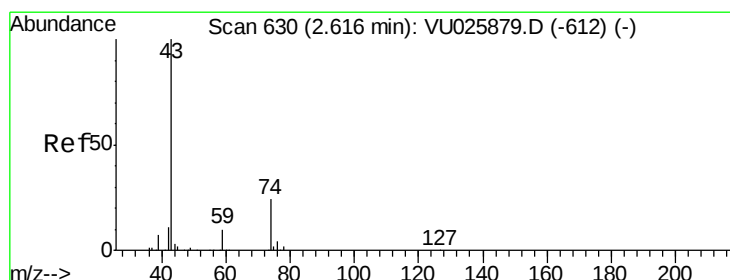
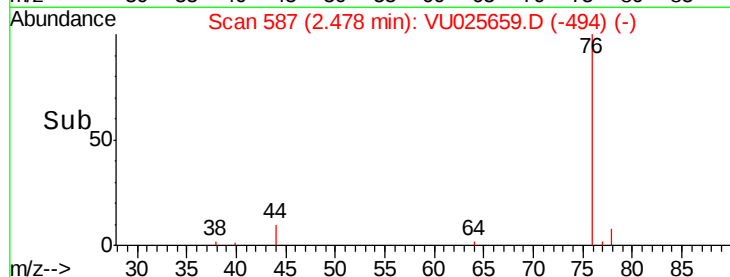
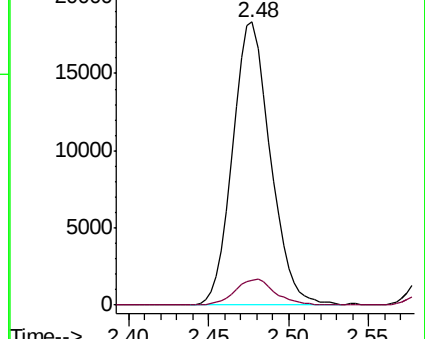
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU025879.D (-572) (-)

Ion 77.90 (77.60 to 78.60): VU025879.D (-572) (-)



#18

Methyl Acetate

Concen: 4.348 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025659.D

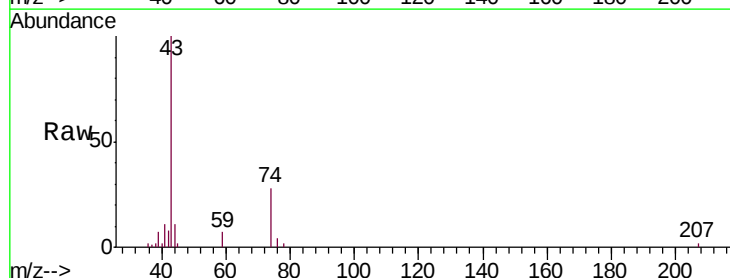
Acq: 27 Jul 2018 10:18

Tgt Ion: 43 Resp: 13468

Ion Ratio Lower Upper

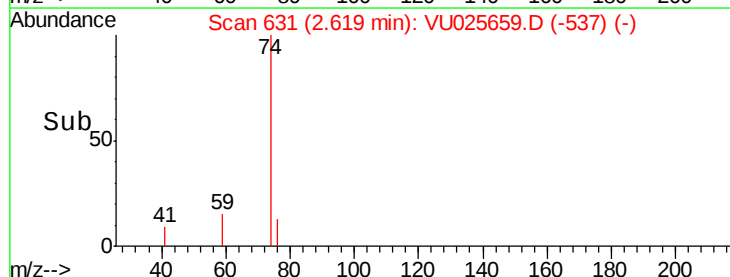
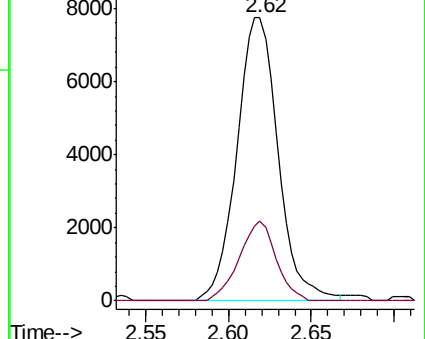
43 100

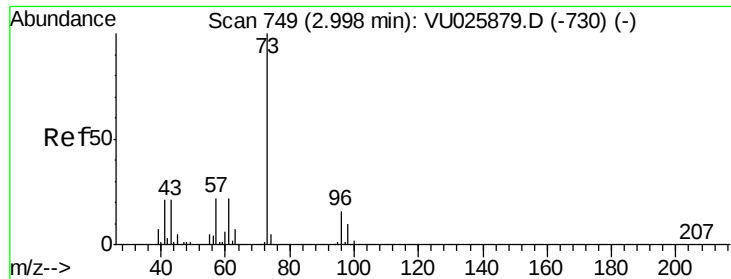
74 25.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-612) (-)

Ion 74.00 (73.70 to 74.70): VU025879.D (-612) (-)

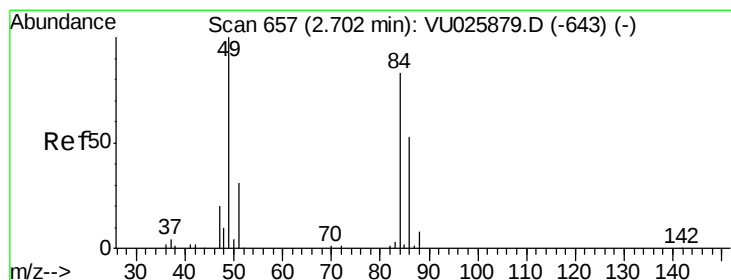
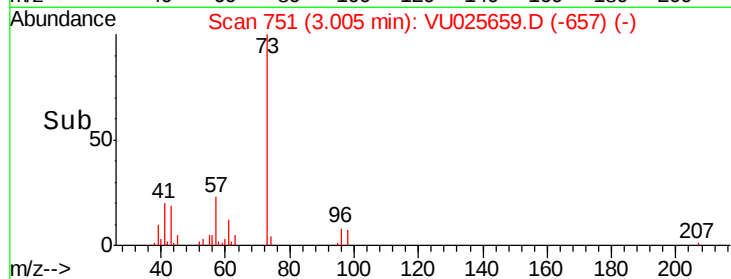
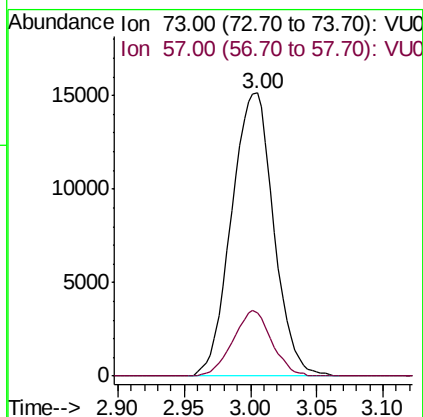
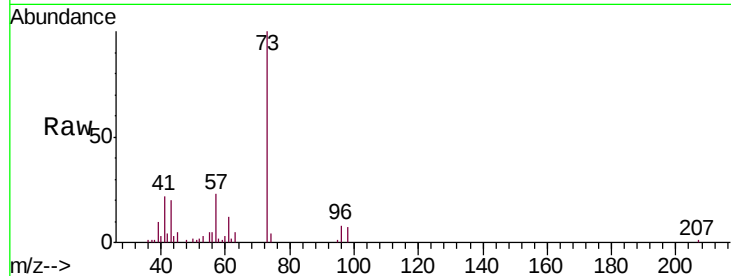




#19
Methyl tert-butyl Ether
Concen: 5.081 ug/l
RT: 3.00 min Scan# 751
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

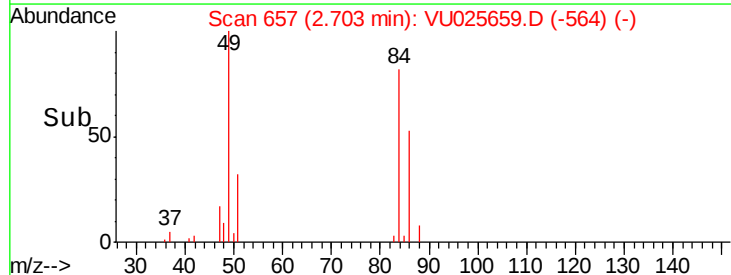
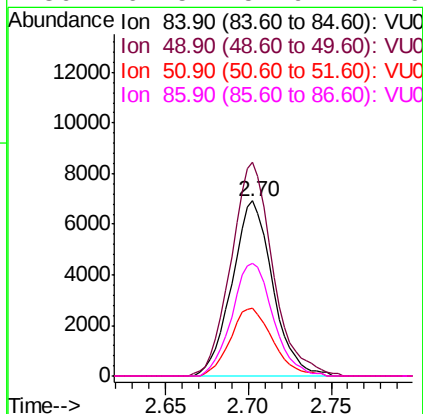
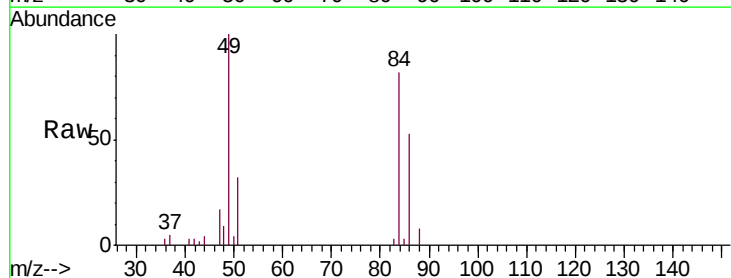
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

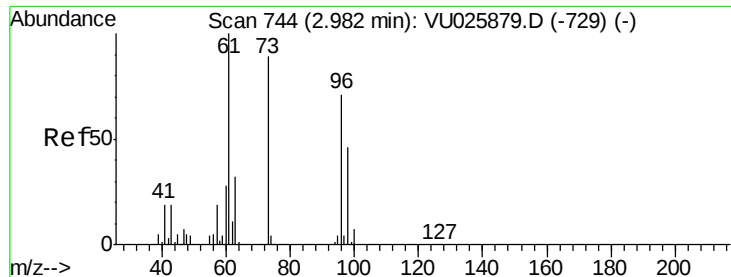
Tgt Ion: 73 Resp: 33493
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.2



#20
Methylene Chloride
Concen: 5.197 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

Tgt Ion: 84 Resp: 11853
Ion Ratio Lower Upper
84 100
49 122.1 101.8 152.6
51 38.6 30.8 46.2
86 64.5 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 5.310 ug/l

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

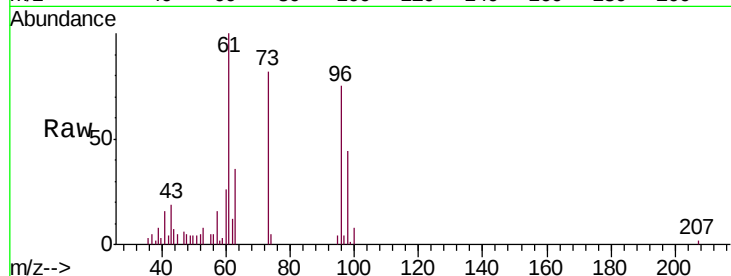
Tgt Ion: 96 Resp: 11165

Ion Ratio Lower Upper

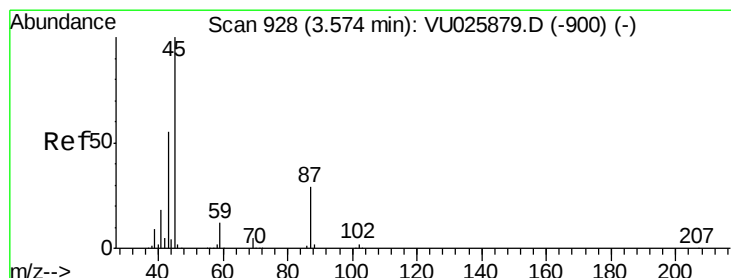
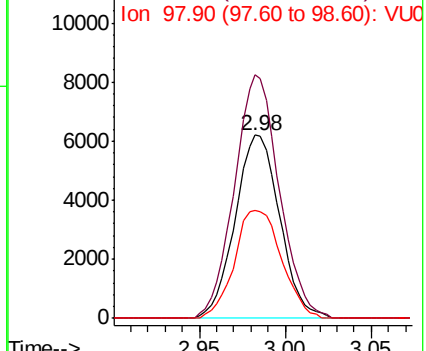
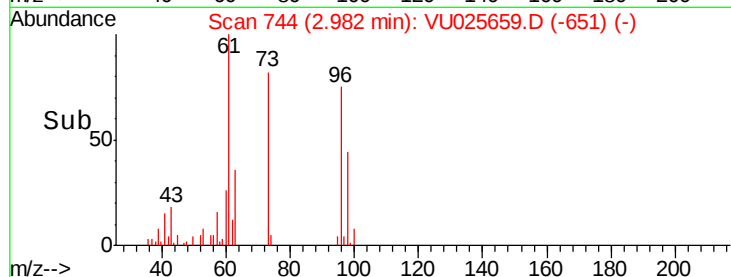
96 100

61 132.8 114.5 171.7

98 58.8 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025659.D (-651) (-)



#22

Diisopropyl ether

Concen: 5.222 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Tgt Ion: 45 Resp: 33637

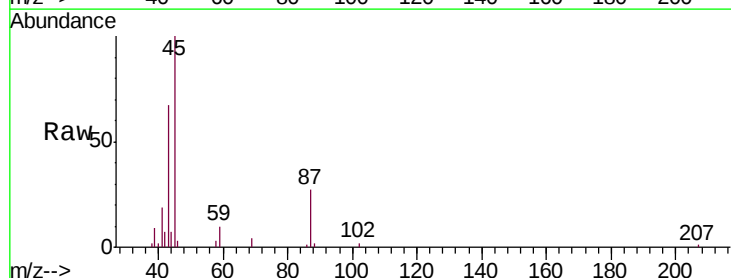
Ion Ratio Lower Upper

45 100

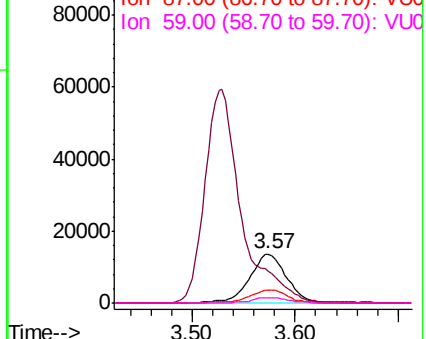
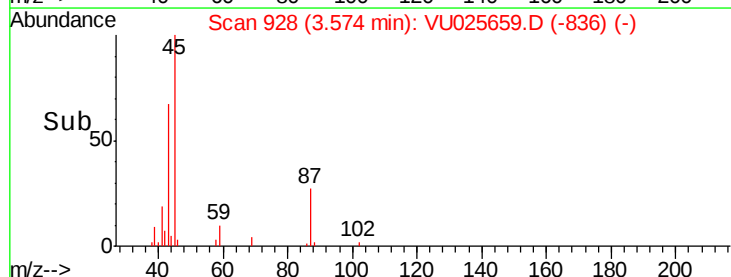
43 65.0 50.9 76.3

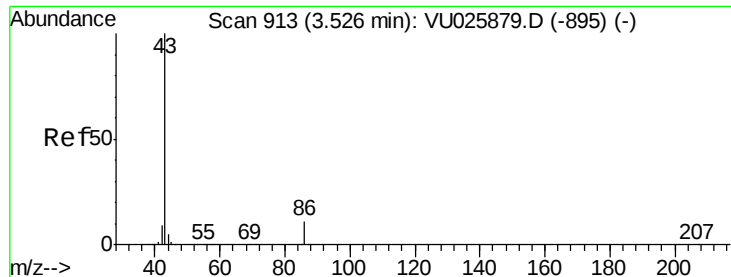
87 26.9 23.8 35.8

59 10.1 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU025659.D (-836) (-)

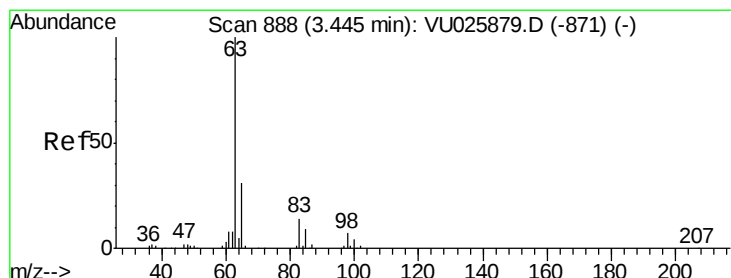
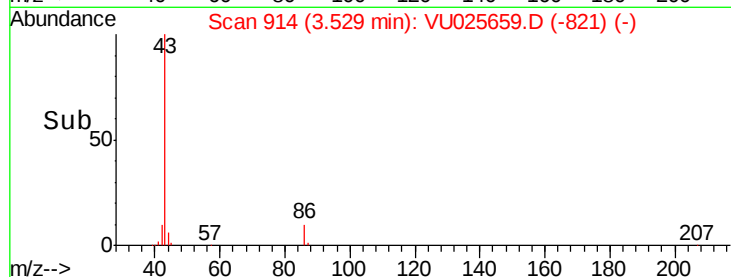
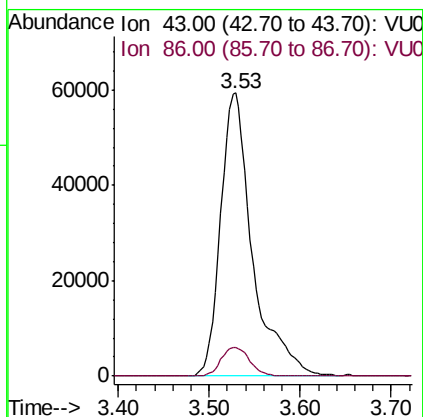
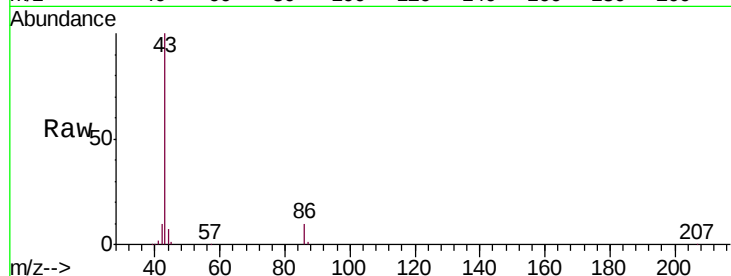




#23
 Vinyl Acetate
 Concen: 25.830 ug/l
 RT: 3.53 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

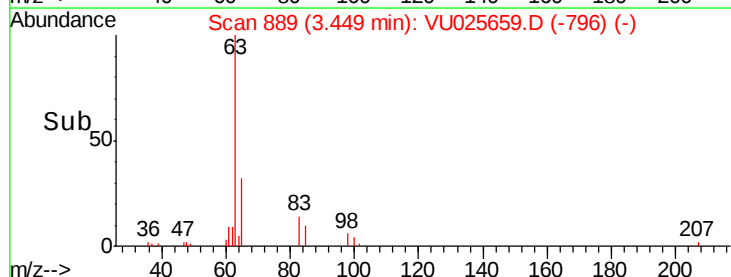
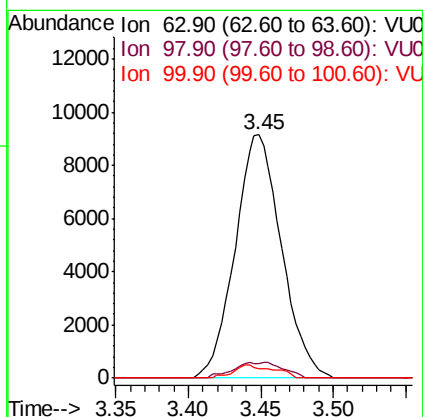
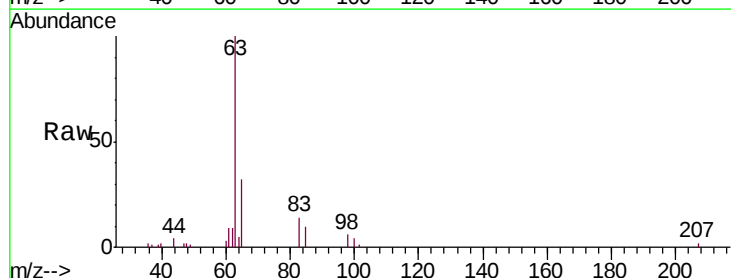
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

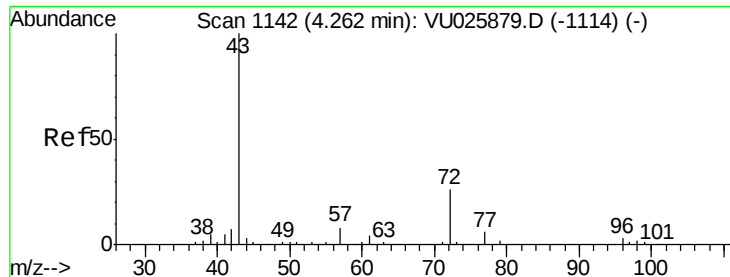
Tgt Ion: 43 Resp: 144996
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 5.255 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Tgt Ion: 63 Resp: 20320
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.4 10.1
 100 3.8 2.0 6.0





#25

2-Butanone

Concen: 25.735 ug/l

RT: 4.27 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

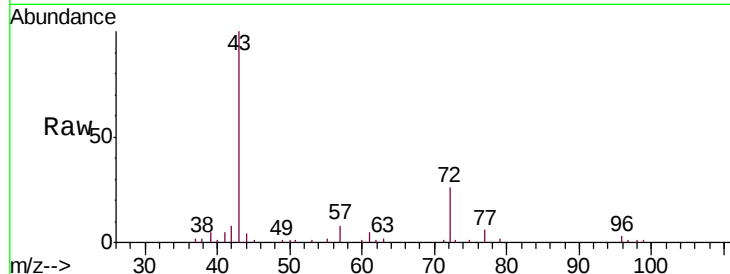
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 45083

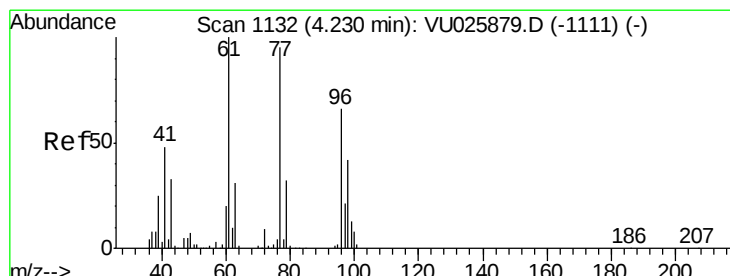
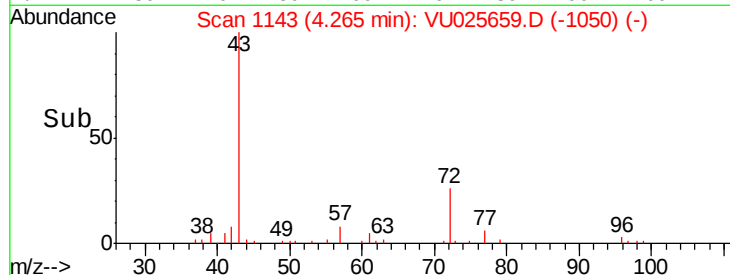
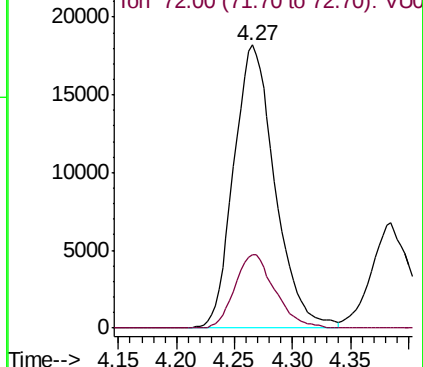
Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-1114) (-)



#26

2,2-Dichloropropane

Concen: 5.134 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025659.D

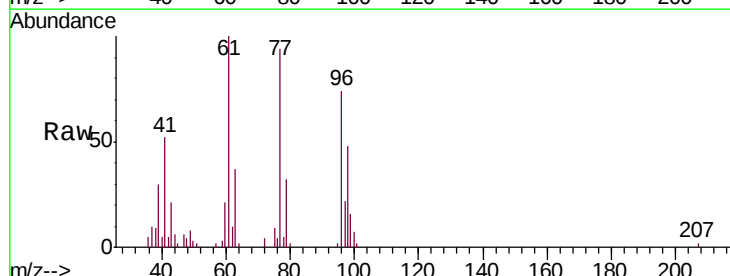
Acq: 27 Jul 2018 10:18

Tgt Ion: 77 Resp: 18043

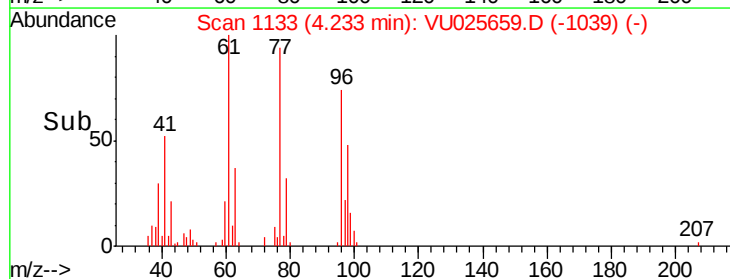
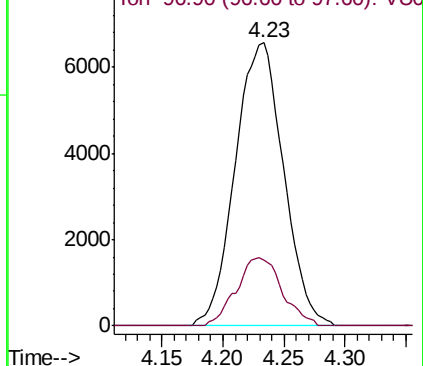
Ion Ratio Lower Upper

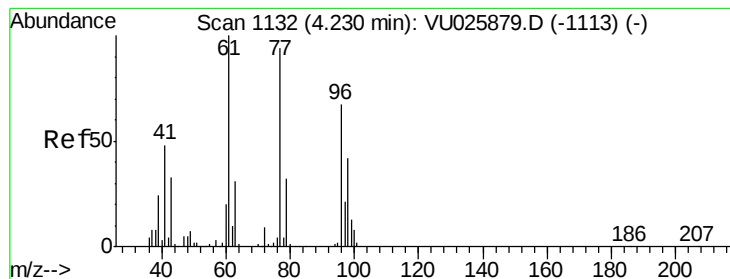
77 100

97 22.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU025879.D (-1111) (-)





#27

cis-1,2-Dichloroethene

Concen: 5.247 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

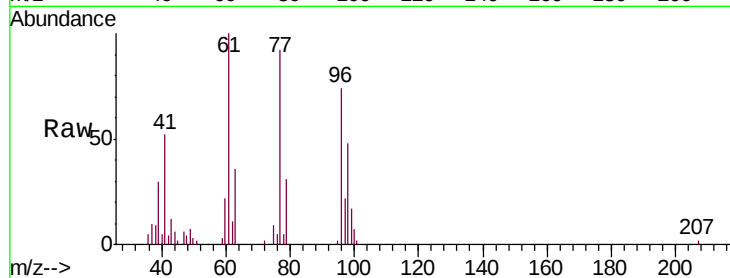
Tgt Ion: 96 Resp: 12439

Ion Ratio Lower Upper

96 100

61 146.0 0.0 299.8

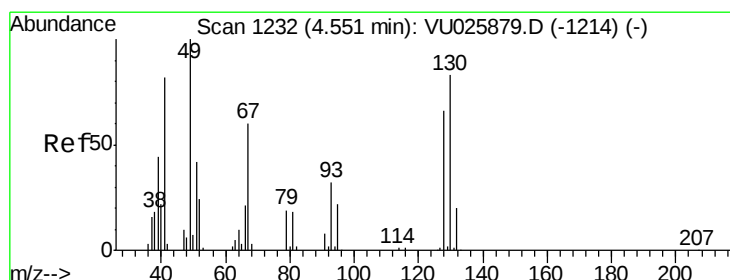
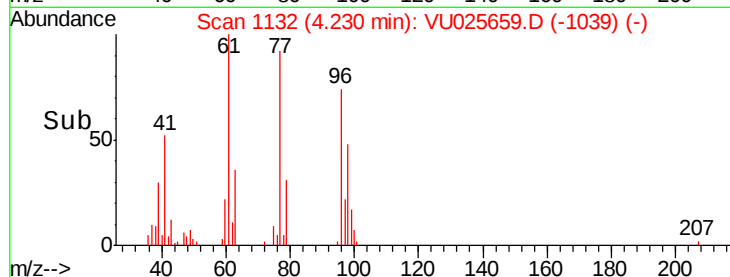
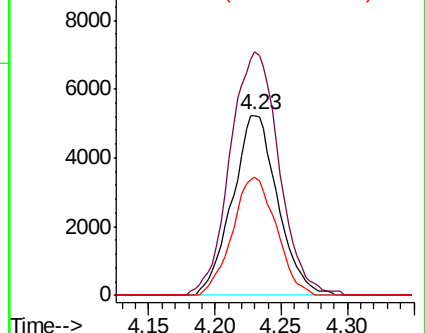
98 63.4 0.0 128.6



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



#28

Bromochloromethane

Concen: 5.197 ug/l

RT: 4.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

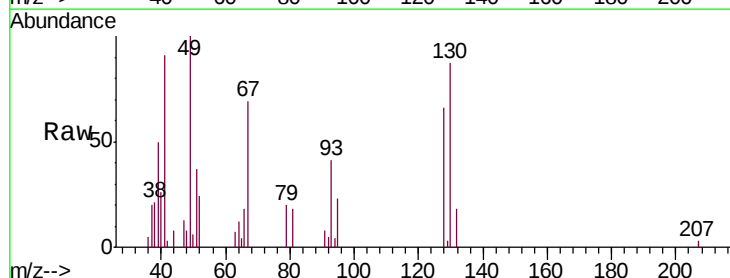
Tgt Ion: 49 Resp: 8984

Ion Ratio Lower Upper

49 100

129 0.4 0.0 4.6

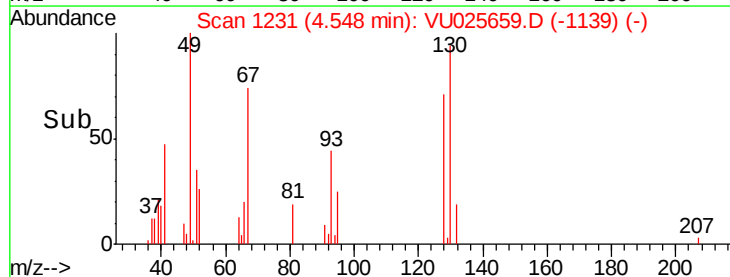
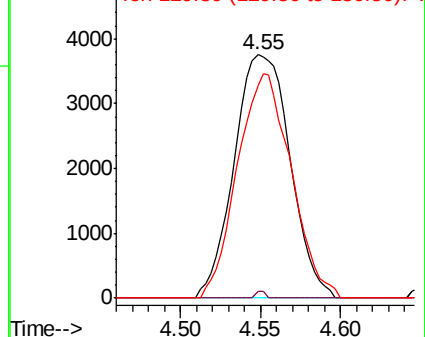
130 88.6 68.6 102.8

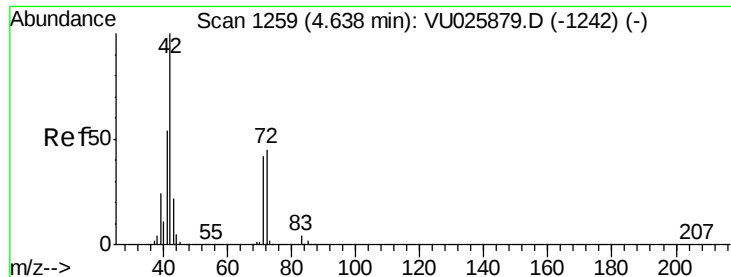


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 24.736 ug/l

RT: 4.64 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

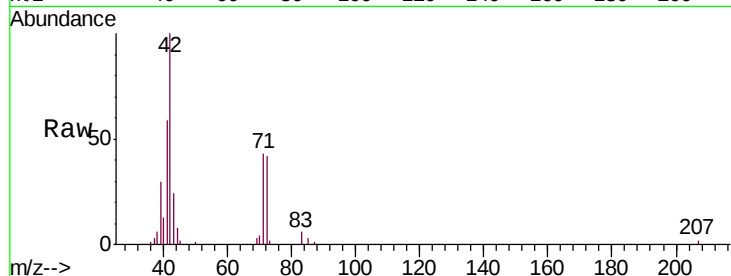
Tgt Ion: 42 Resp: 25961

Ion Ratio Lower Upper

42 100

72 43.0 36.7 55.1

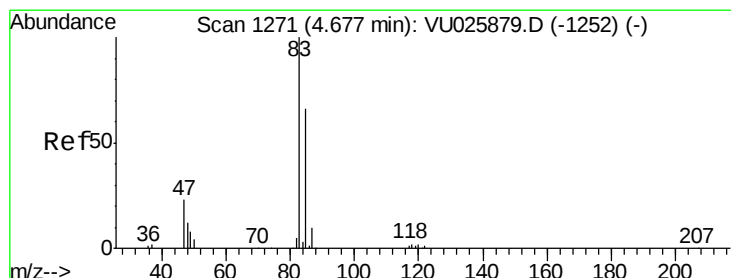
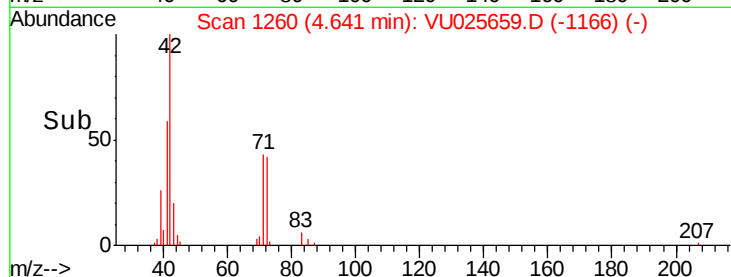
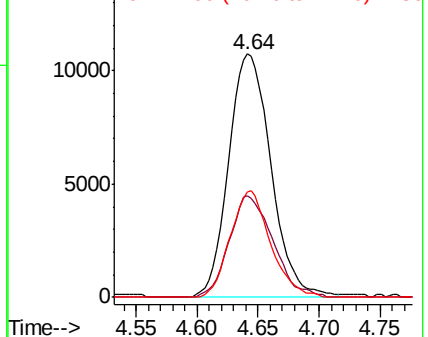
71 41.4 33.9 50.9



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 5.161 ug/l

RT: 4.67 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU025659.D

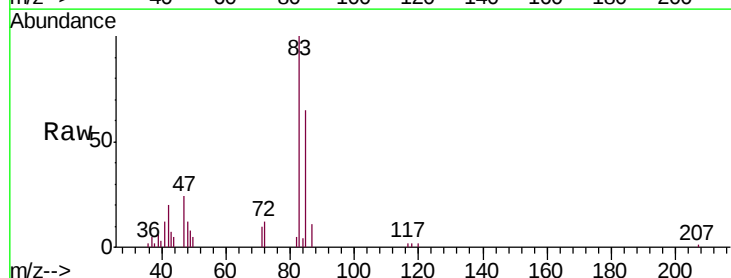
Acq: 27 Jul 2018 10:18

Tgt Ion: 83 Resp: 21065

Ion Ratio Lower Upper

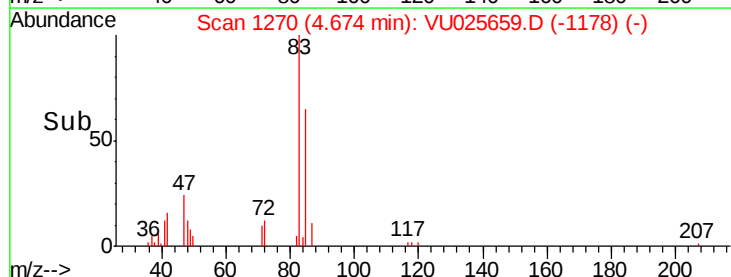
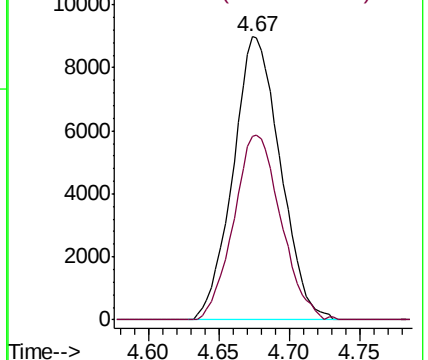
83 100

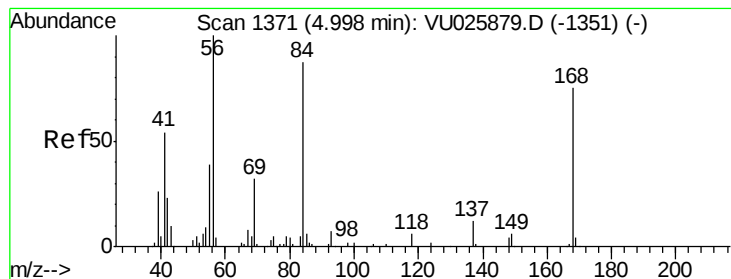
85 64.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 4.839 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

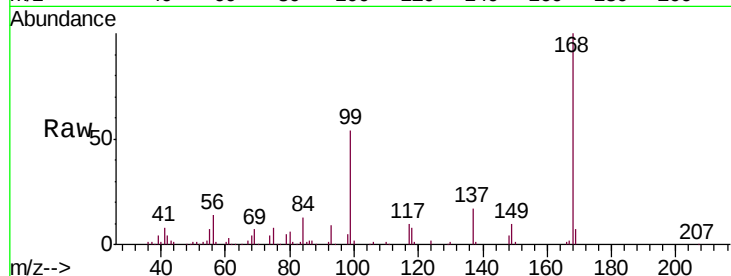
Tgt Ion: 56 Resp: 20387

Ion Ratio Lower Upper

56 100

69 49.6 26.8 40.2#

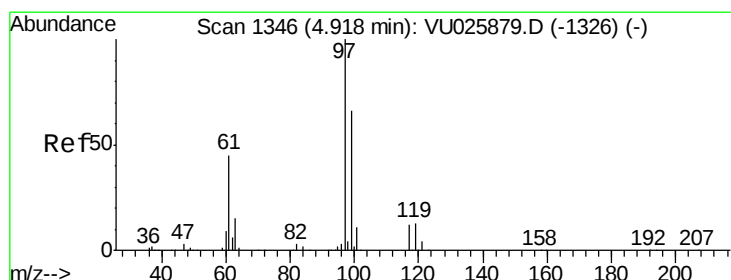
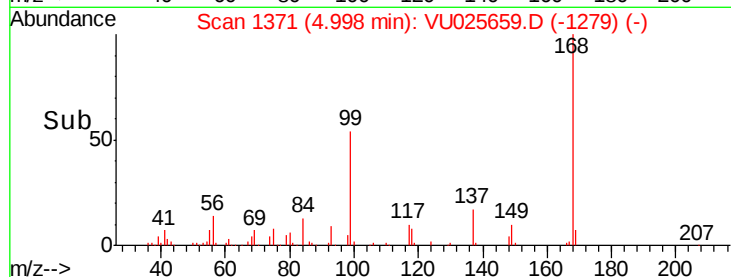
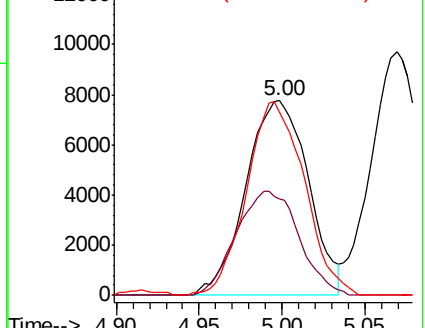
84 94.0 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU025879.D (-1351) (-)

Ion 69.00 (68.70 to 69.70): VU025879.D (-1351) (-)

Ion 84.00 (83.70 to 84.70): VU025879.D (-1351) (-)



#32

1,1,1-Trichloroethane

Concen: 5.073 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

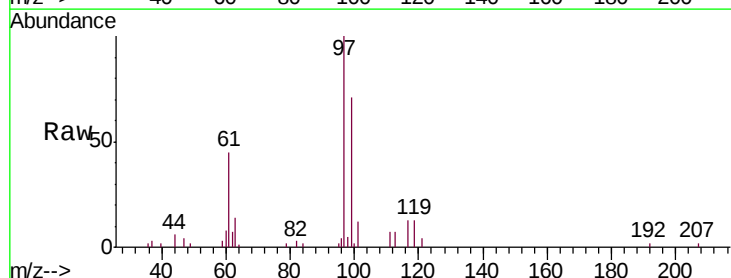
Tgt Ion: 97 Resp: 18642

Ion Ratio Lower Upper

97 100

99 65.2 50.8 76.2

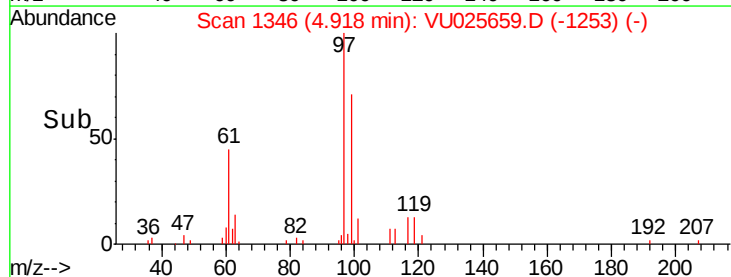
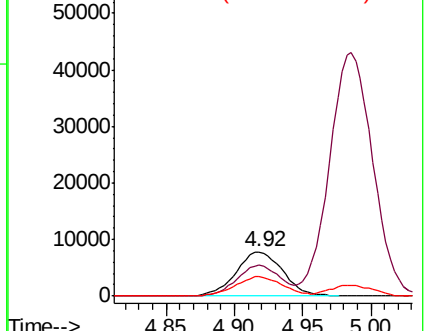
61 44.7 35.2 52.8

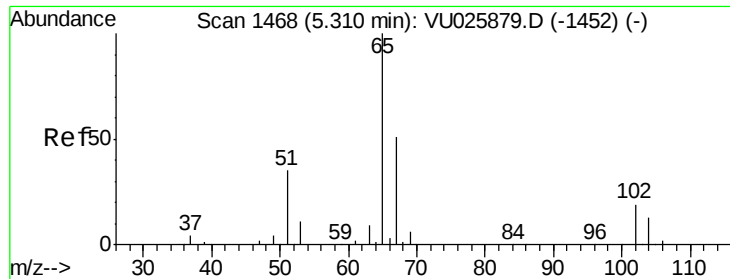


Abundance Ion 96.90 (96.60 to 97.60): VU025879.D (-1326) (-)

Ion 98.90 (98.60 to 99.60): VU025879.D (-1326) (-)

Ion 60.90 (60.60 to 61.60): VU025879.D (-1326) (-)

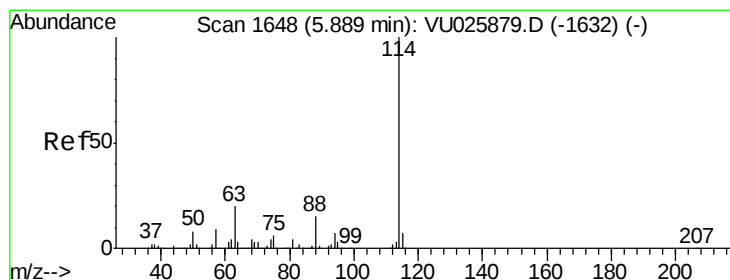
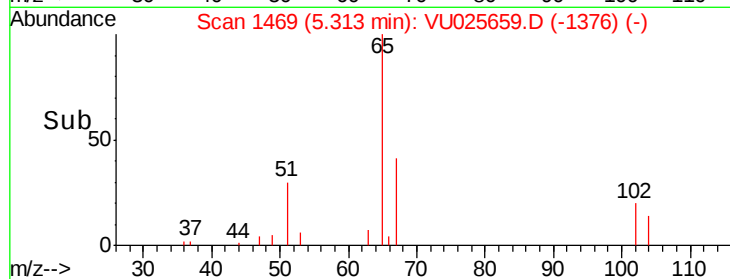
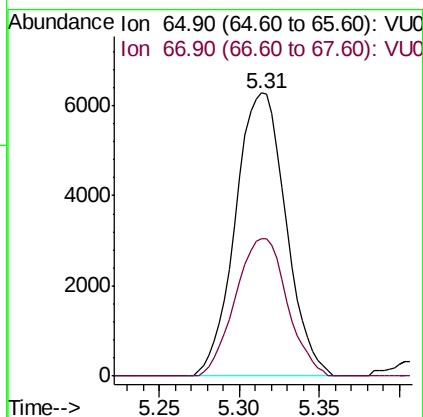
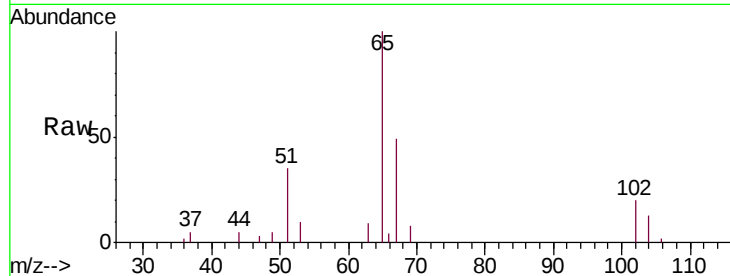




#33
 1,2-Dichloroethane-d4
 Concen: 5.140 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

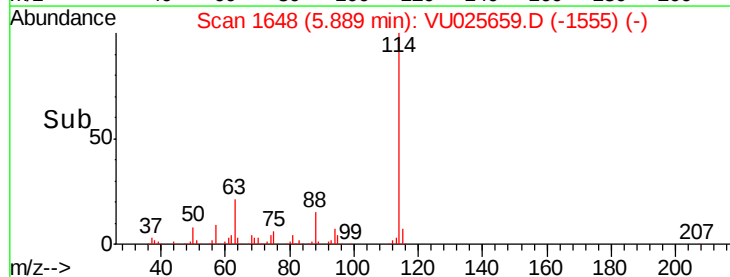
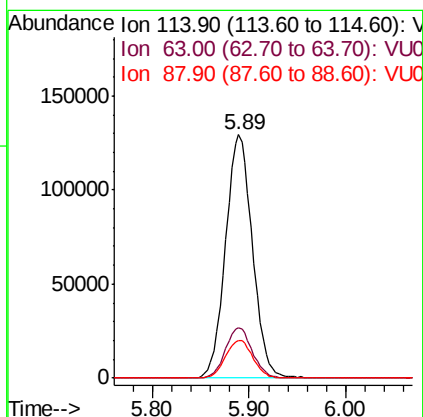
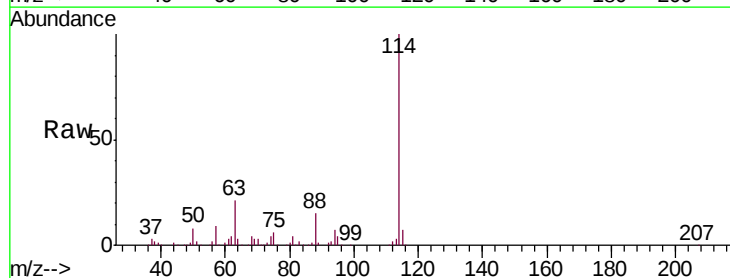
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

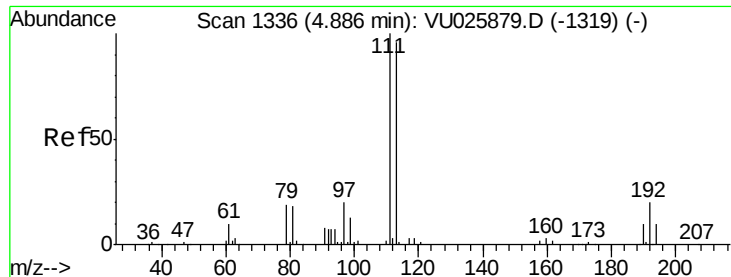
Tgt Ion: 65 Resp: 13567
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Tgt Ion: 114 Resp: 249568
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.6
 88 15.4 0.0 32.4

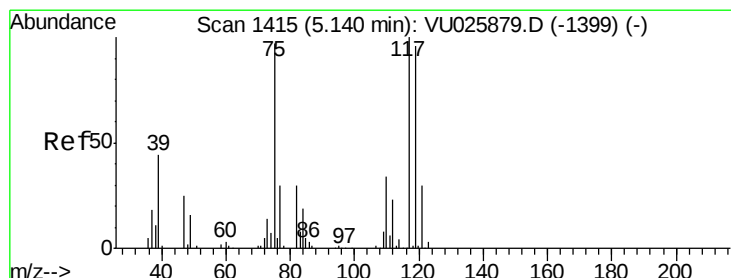
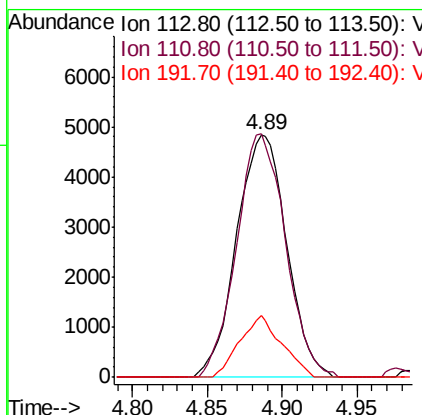
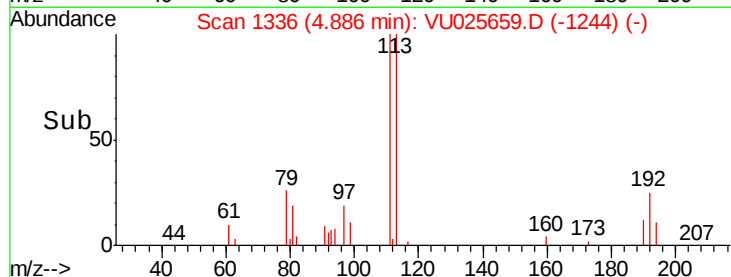
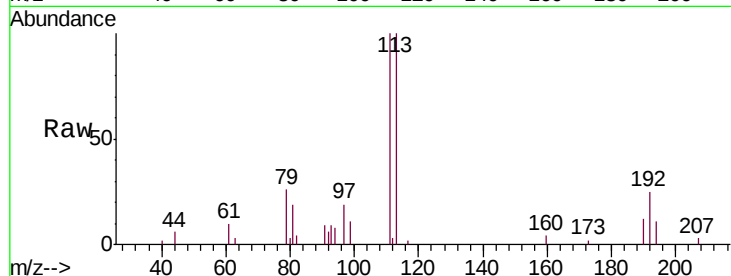




#35
 Dibromofluoromethane
 Concen: 5.197 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

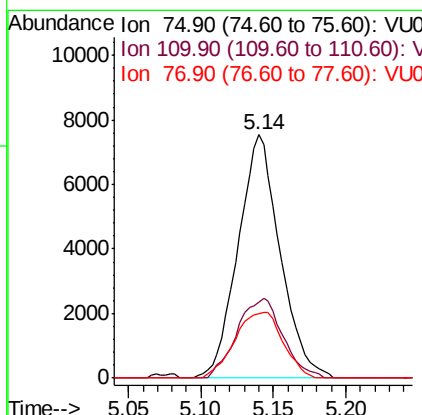
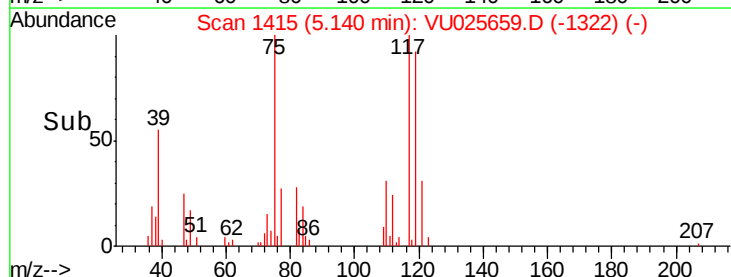
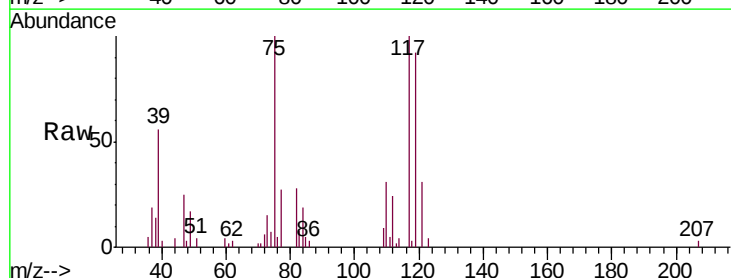
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

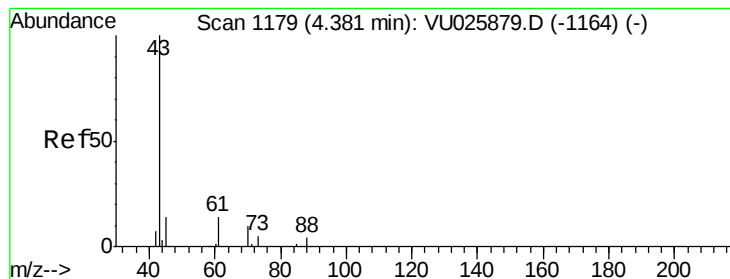
Tgt Ion: 113 Resp: 11280
 Ion Ratio Lower Upper
 113 100
 111 97.9 81.7 122.5
 192 21.3 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 5.213 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Tgt Ion: 75 Resp: 15204
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.6 52.9
 77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 5.480 ug/l

RT: 4.38 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

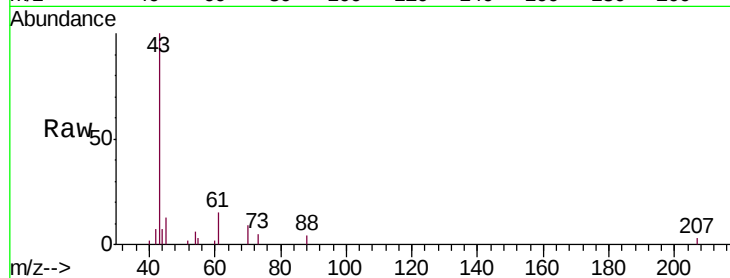
Tgt Ion: 43 Resp: 16572

Ion Ratio Lower Upper

43 100

61 12.5 10.7 16.1

70 9.4 8.4 12.6

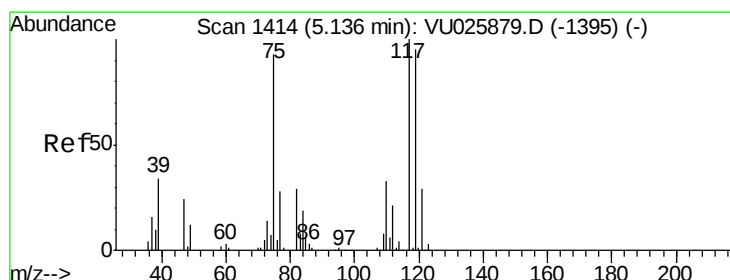
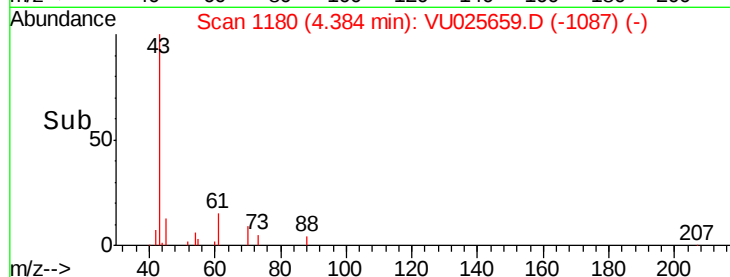
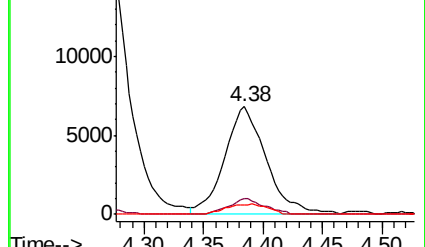


Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-1164) (-)

Ion 60.90 (60.60 to 61.60): VU025879.D (-1164) (-)

Ion 70.00 (69.70 to 70.70): VU025879.D (-1164) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.156 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

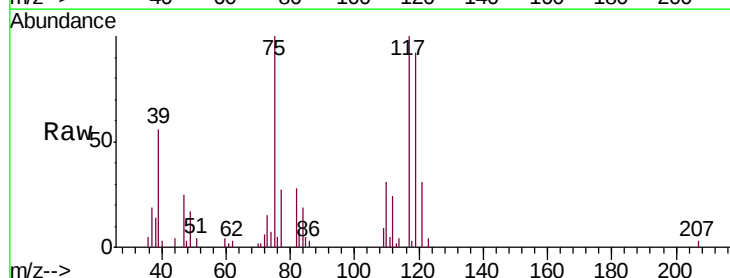
Tgt Ion: 117 Resp: 17032

Ion Ratio Lower Upper

117 100

119 92.7 75.7 113.5

121 31.1 24.6 36.8

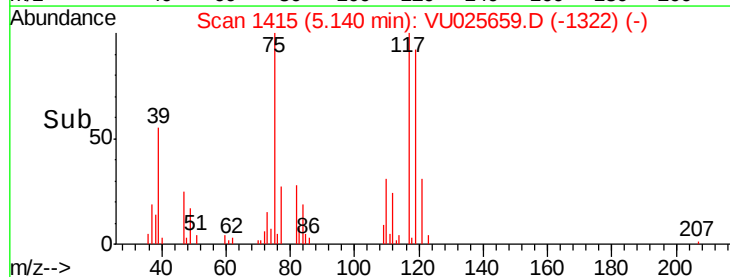
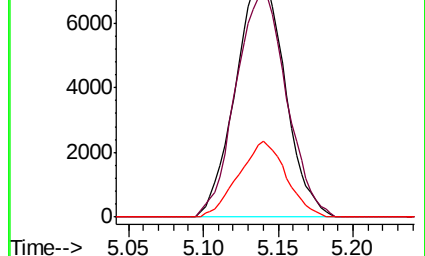


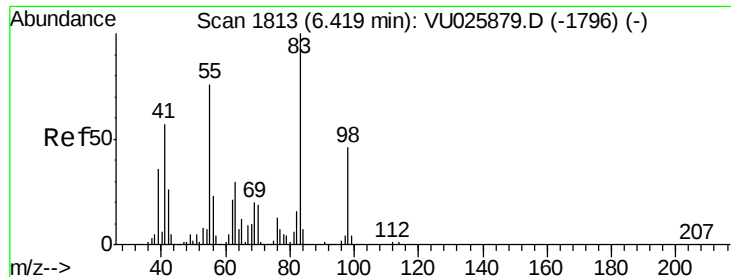
Abundance Ion 116.80 (116.50 to 117.50): VU025879.D (-1395) (-)

Ion 118.80 (118.50 to 119.50): VU025879.D (-1395) (-)

Ion 120.80 (120.50 to 121.50): VU025879.D (-1395) (-)

Time-->

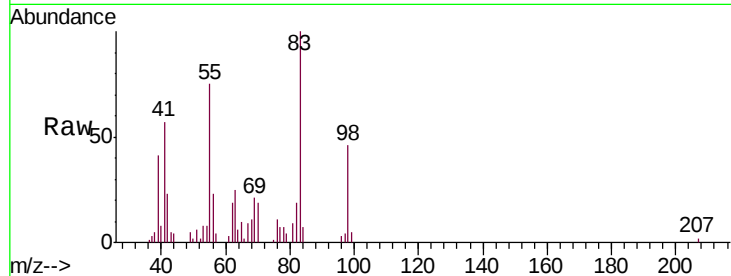




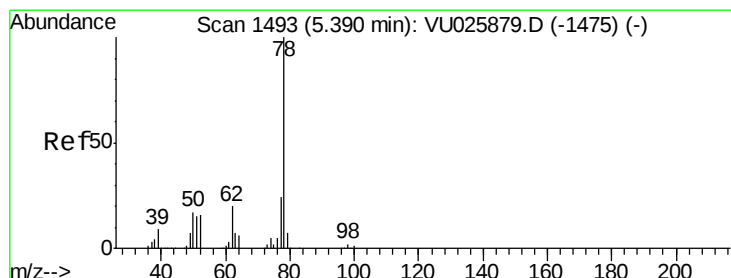
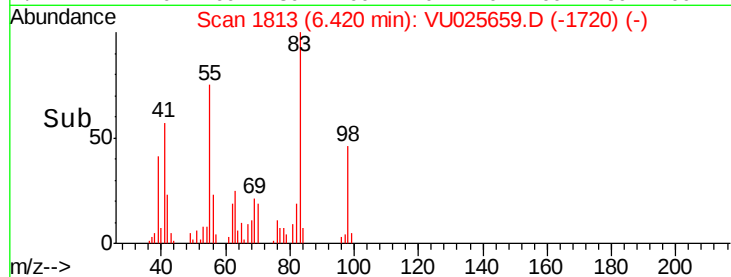
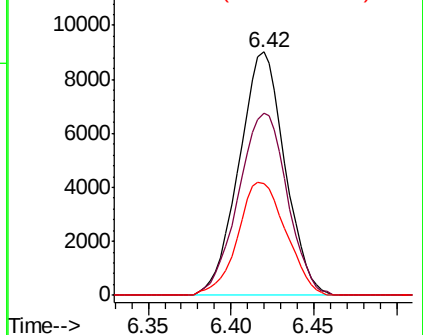
#39
Methylcyclohexane
Concen: 5.175 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 17295
Ion Ratio Lower Upper
83 100
55 74.8 60.0 90.0
98 45.8 36.1 54.1

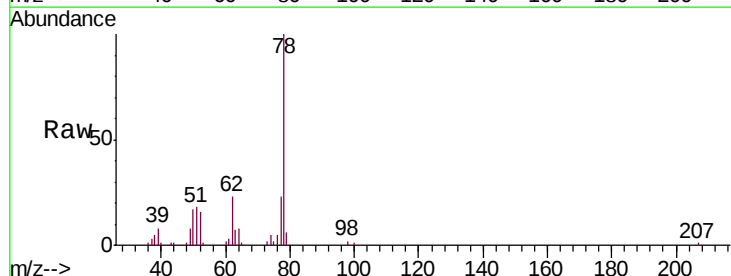


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

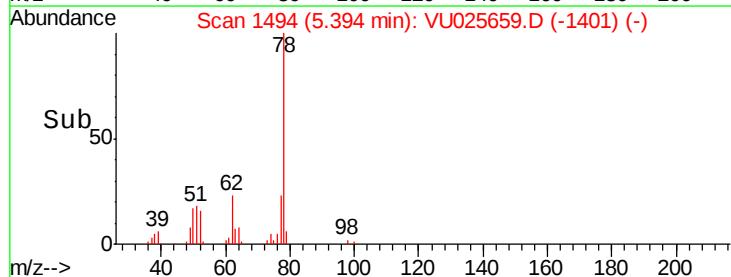
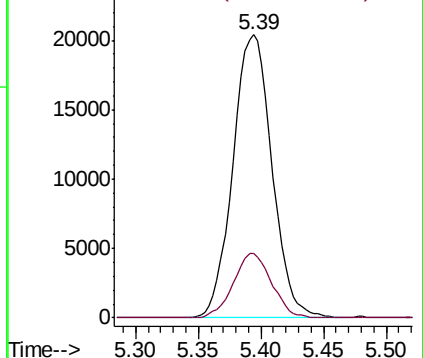


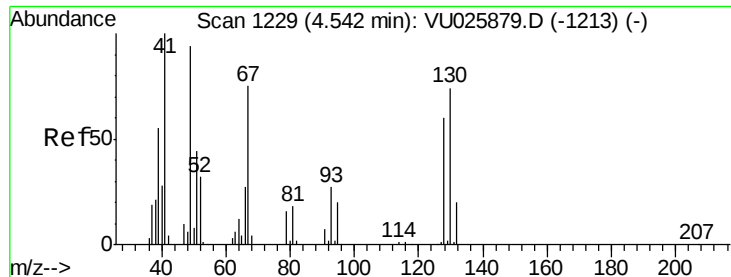
#40
Benzene
Concen: 5.184 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

Tgt Ion: 78 Resp: 44197
Ion Ratio Lower Upper
78 100
77 22.6 19.8 29.6



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

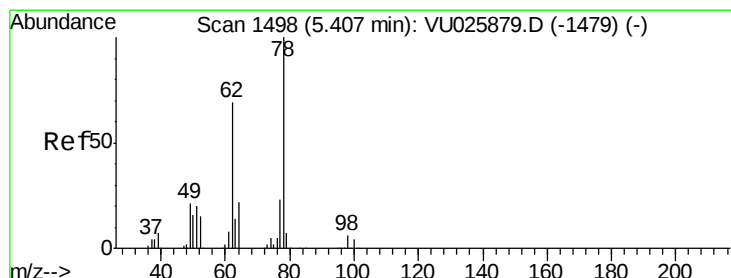
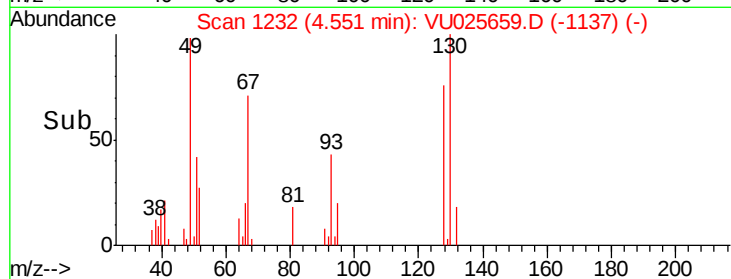
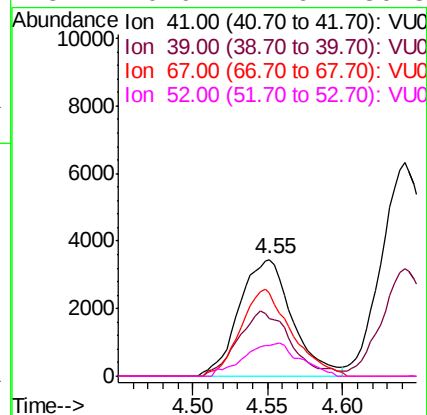
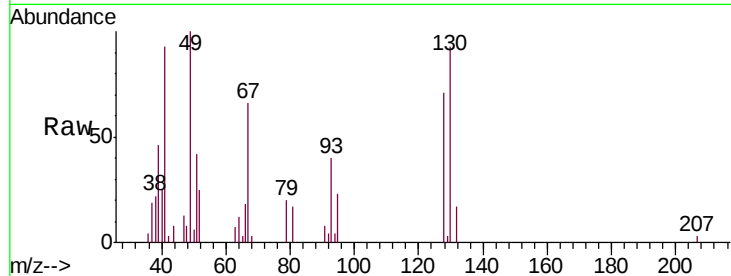




#41
Methacrylonitrile
Concen: 5.095 ug/l
RT: 4.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

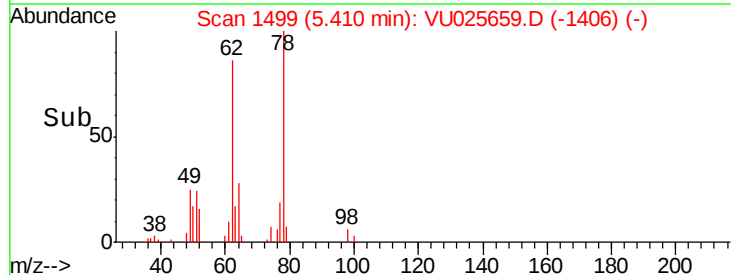
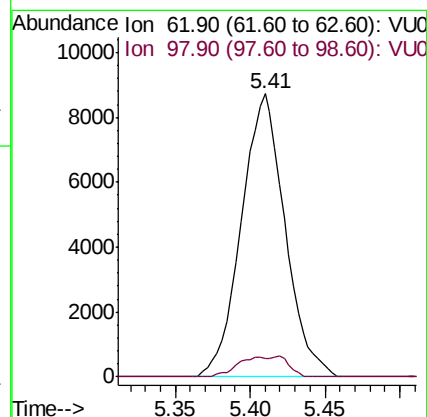
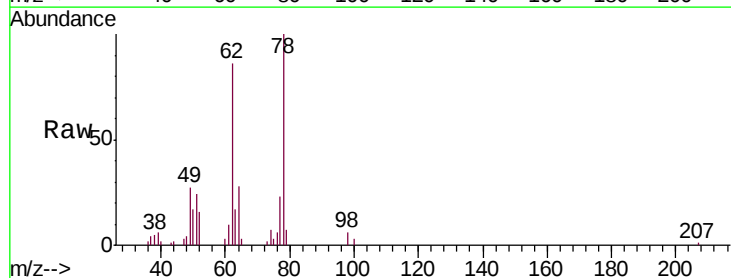
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

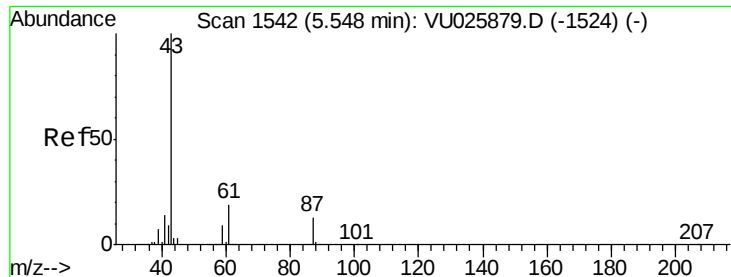
Tgt Ion:	41	Resp:	8558
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.4	66.6
67	70.9	56.0	84.0
52	29.9	24.6	36.8



#42
1,2-Dichloroethane
Concen: 5.400 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

Tgt Ion:	62	Resp:	17727
Ion	Ratio	Lower	Upper
62	100		
98	5.2	0.0	16.4





#43

Isopropyl Acetate

Concen: 5.030 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

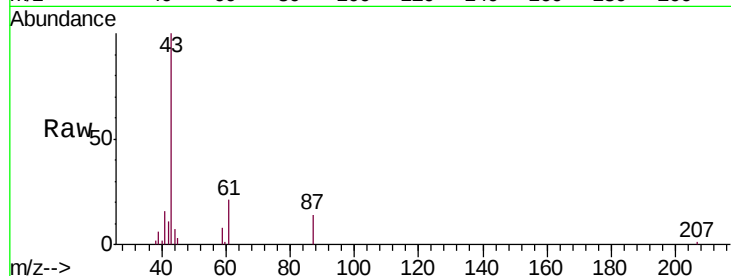
Tgt Ion: 43 Resp: 25136

Ion Ratio Lower Upper

43 100

61 19.6 15.5 23.3

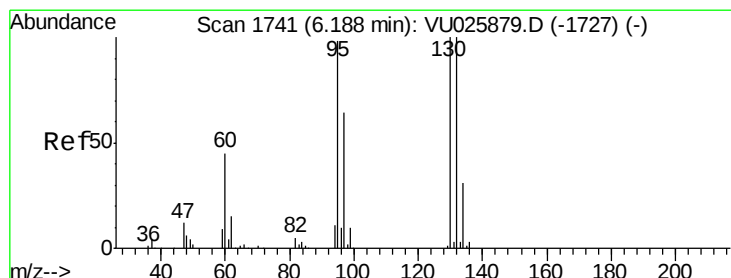
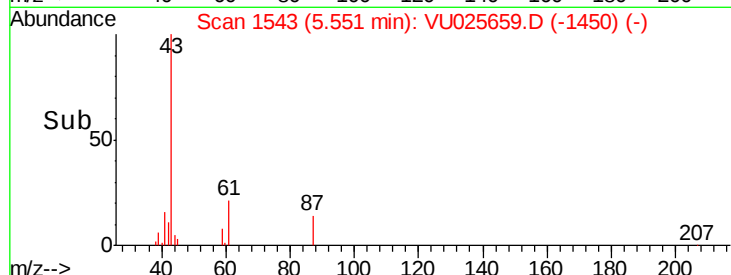
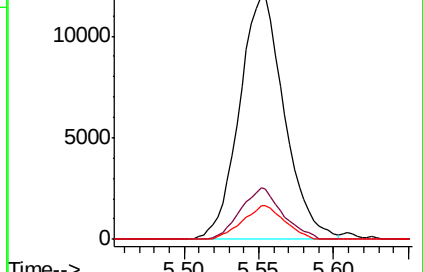
87 12.8 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-1524) (-)

Ion 61.00 (60.70 to 61.70): VU025879.D (-1524) (-)

Ion 87.00 (86.70 to 87.70): VU025879.D (-1524) (-)



#44

Trichloroethene

Concen: 5.067 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025659.D

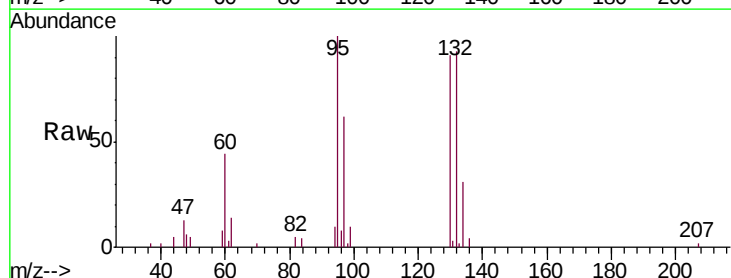
Acq: 27 Jul 2018 10:18

Tgt Ion: 130 Resp: 12029

Ion Ratio Lower Upper

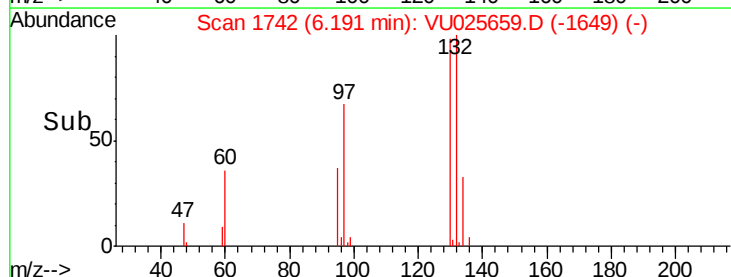
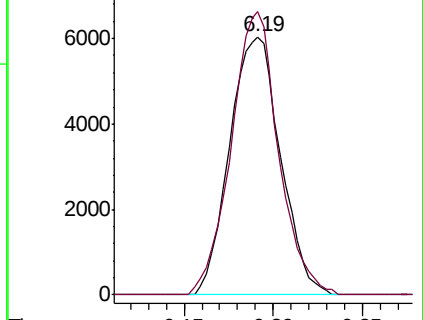
130 100

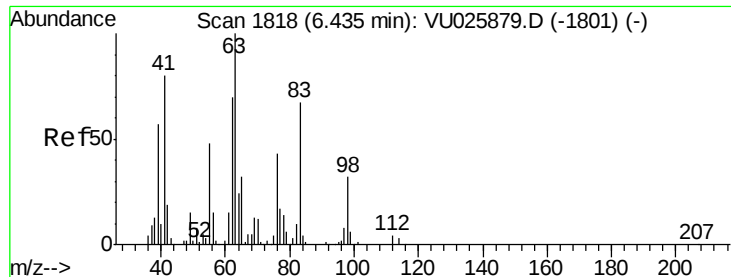
95 109.7 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025879.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU025879.D (-1727) (-)





#45

1,2-Dichloropropane

Concen: 5.105 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

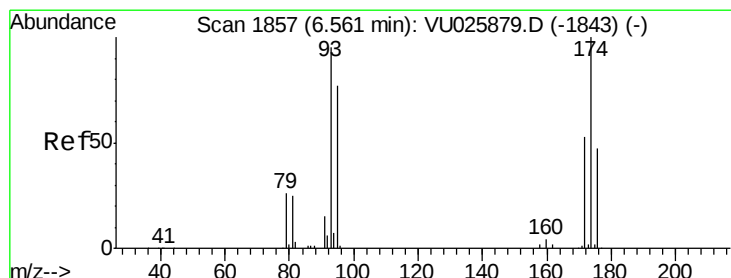
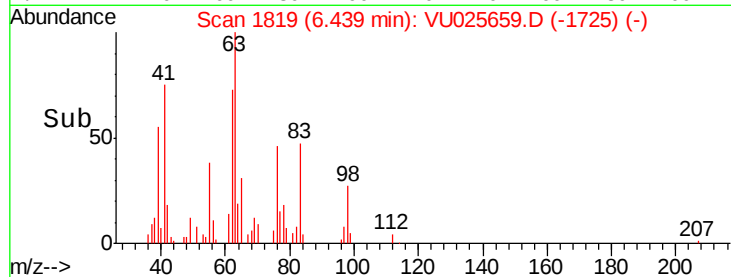
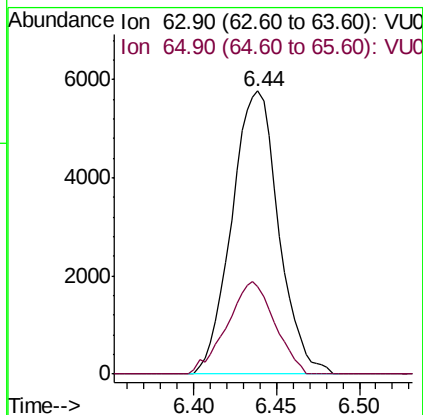
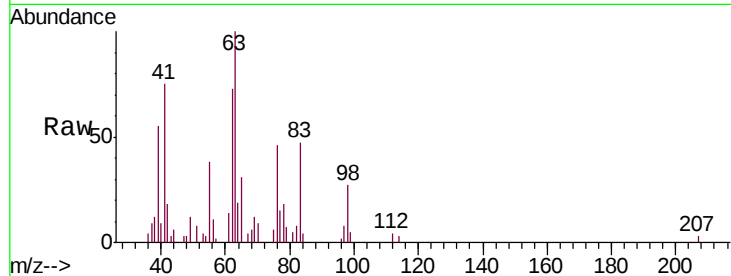
VSTDIC005

Tgt Ion: 63 Resp: 11351

Ion Ratio Lower Upper

63 100

65 31.1 26.1 39.1



#46

Dibromomethane

Concen: 5.369 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

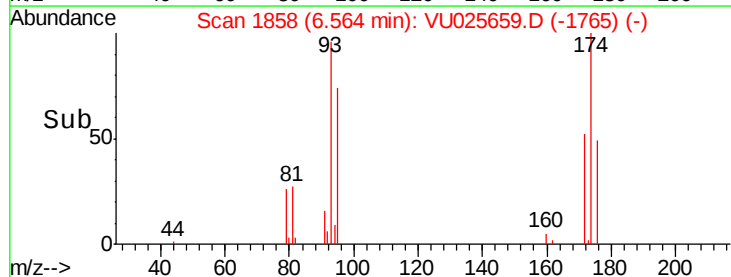
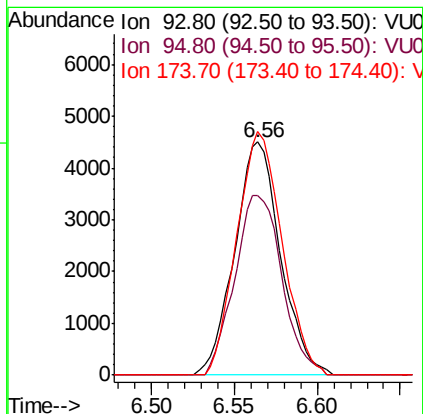
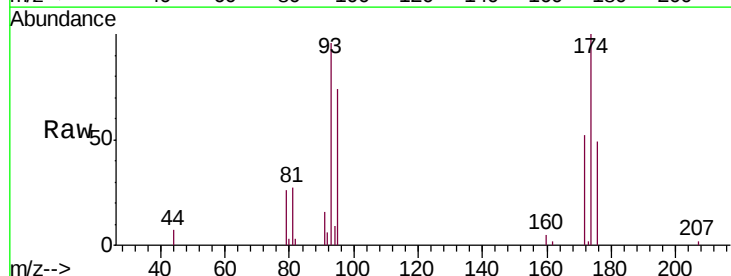
Tgt Ion: 93 Resp: 8650

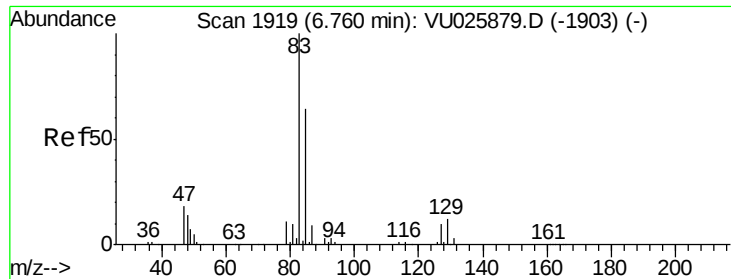
Ion Ratio Lower Upper

93 100

95 42.5 66.6 100.0#

174 103.3 85.8 128.8





#47

Bromodichloromethane

Concen: 5.366 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

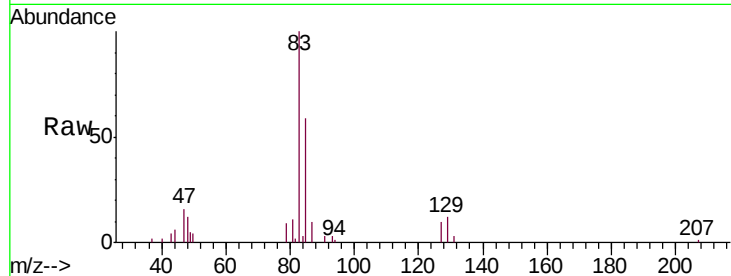
Tgt Ion: 83 Resp: 16491

Ion Ratio Lower Upper

83 100

85 59.0 50.2 75.4

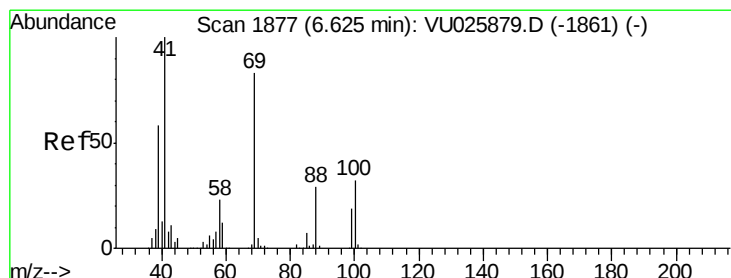
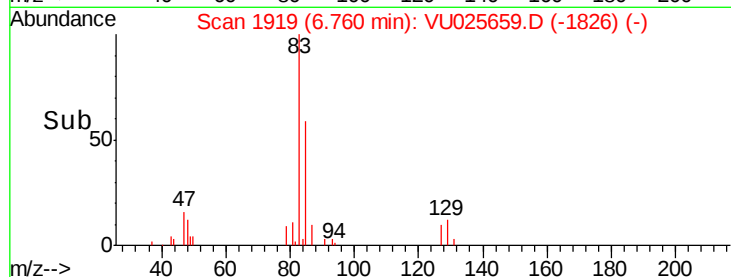
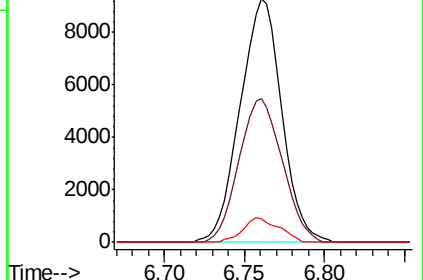
127 9.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU025879.D (-1903) (-)

Ion 84.90 (84.60 to 85.60): VU025879.D (-1903) (-)

Ion 126.80 (126.50 to 127.50): VU025879.D (-1903) (-)



#48

Methyl methacrylate

Concen: 4.992 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

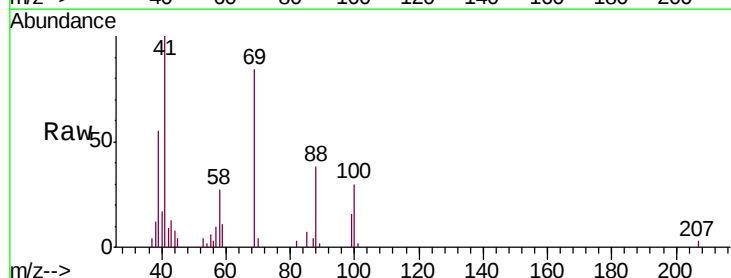
Tgt Ion: 41 Resp: 12227

Ion Ratio Lower Upper

41 100

69 82.7 65.0 97.4

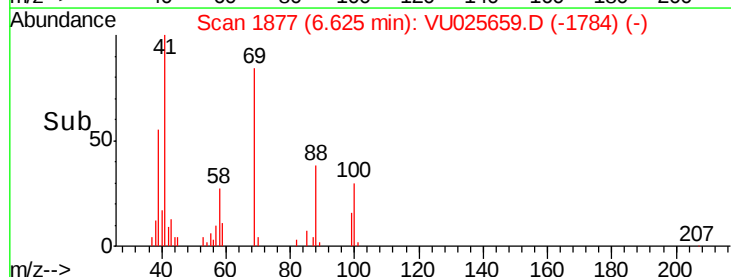
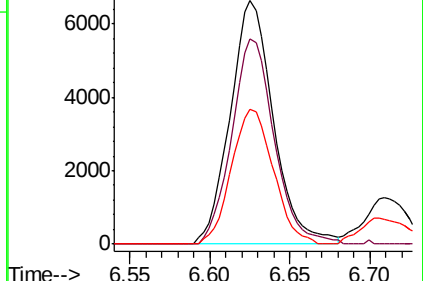
39 53.7 46.4 69.6

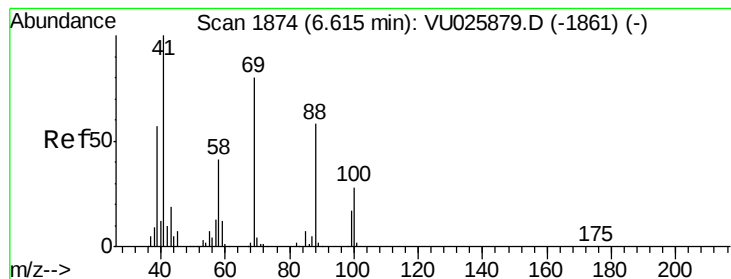


Abundance Ion 41.00 (40.70 to 41.70): VU025879.D (-1861) (-)

Ion 69.00 (68.70 to 69.70): VU025879.D (-1861) (-)

Ion 39.00 (38.70 to 39.70): VU025879.D (-1861) (-)





#49

1,4-Dioxane

Concen: 100.983 ug/l

RT: 6.62 min Scan# 1875

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

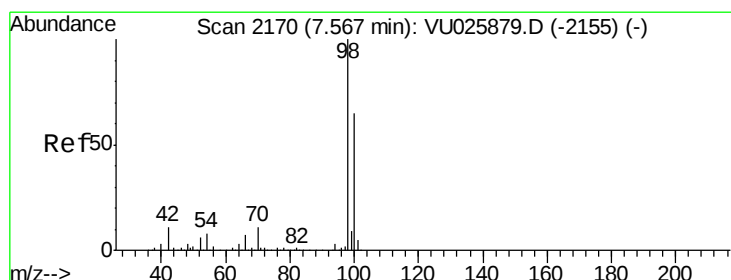
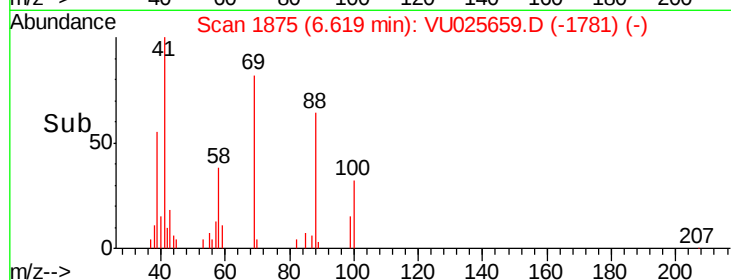
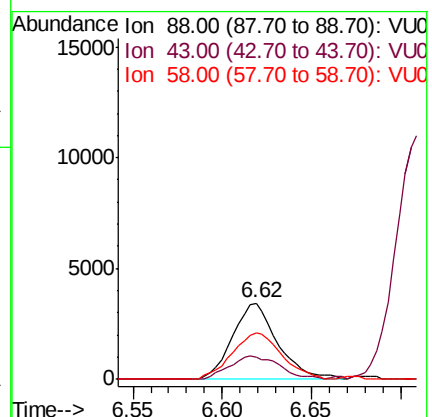
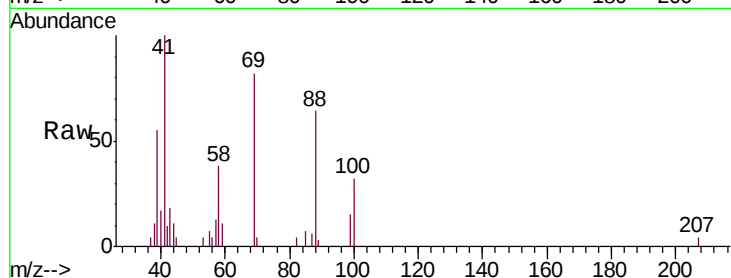
Tgt Ion: 88 Resp: 6019

Ion Ratio Lower Upper

88 100

43 34.3 27.3 40.9

58 67.3 57.6 86.4



#50

Toluene-d8

Concen: 4.779 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025659.D

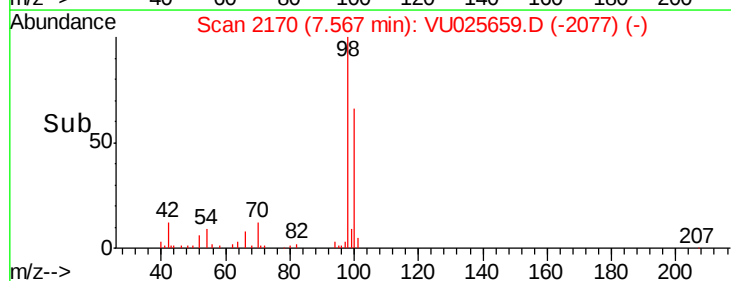
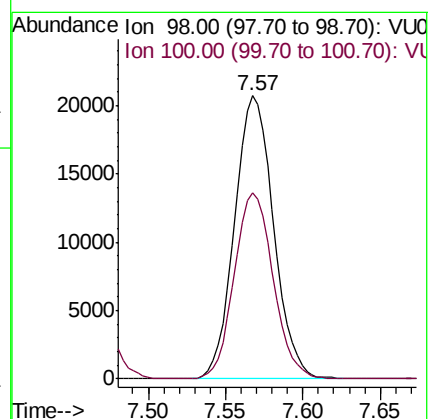
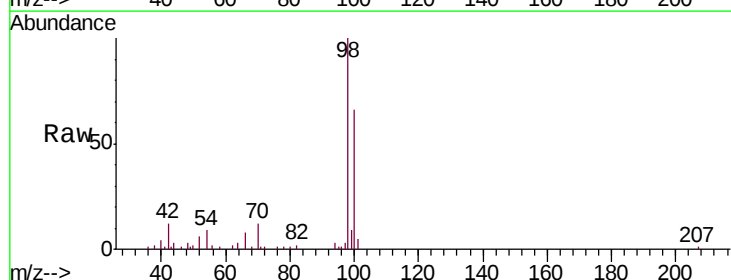
Acq: 27 Jul 2018 10:18

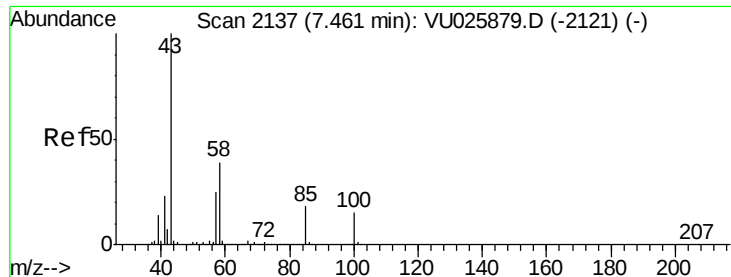
Tgt Ion: 98 Resp: 36298

Ion Ratio Lower Upper

98 100

100 65.4 51.1 76.7

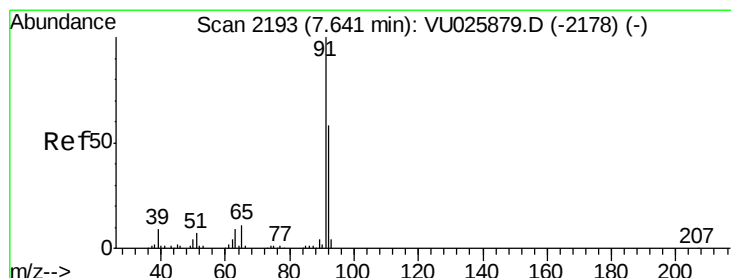
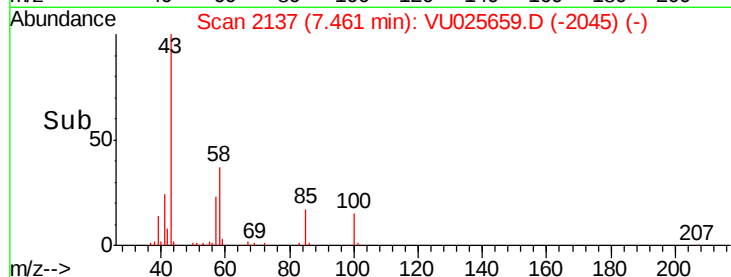
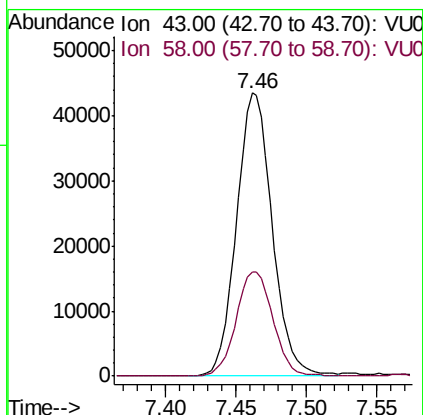
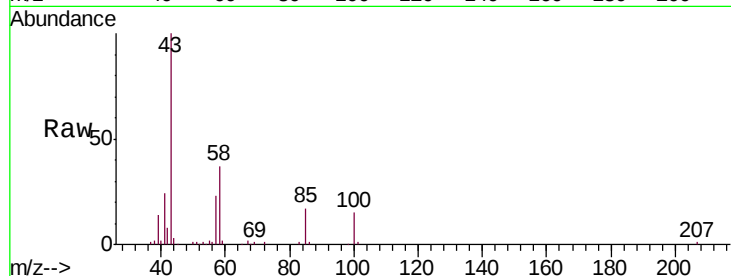




#51
 4-Methyl-2-Pentanone
 Concen: 24.683 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

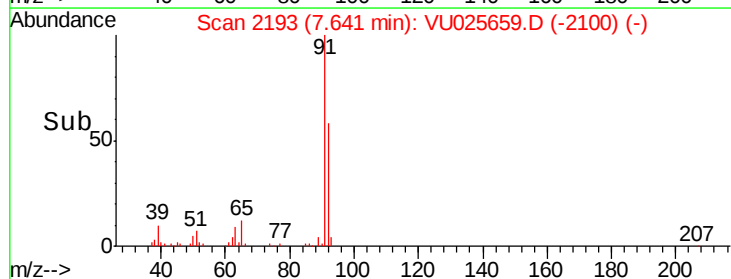
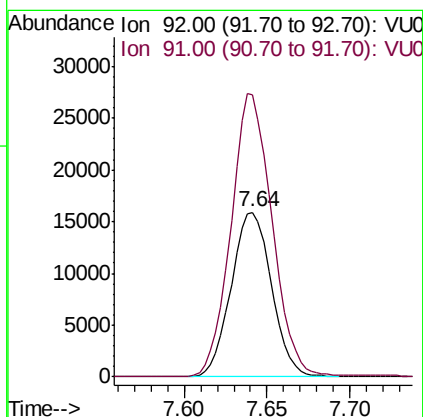
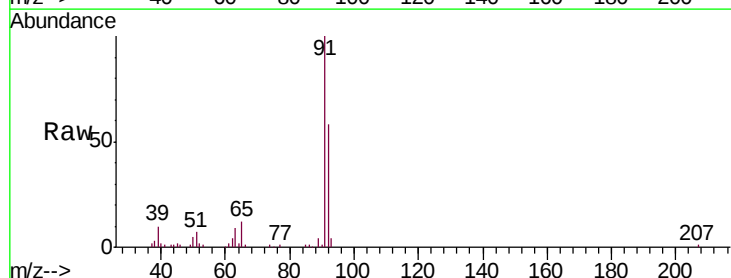
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

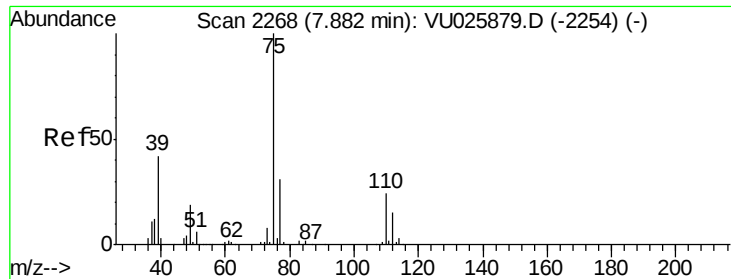
Tgt Ion: 43 Resp: 77226
 Ion Ratio Lower Upper
 43 100
 58 37.7 31.0 46.4



#52
 Toluene
 Concen: 5.097 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Tgt Ion: 92 Resp: 26996
 Ion Ratio Lower Upper
 92 100
 91 174.9 139.2 208.8

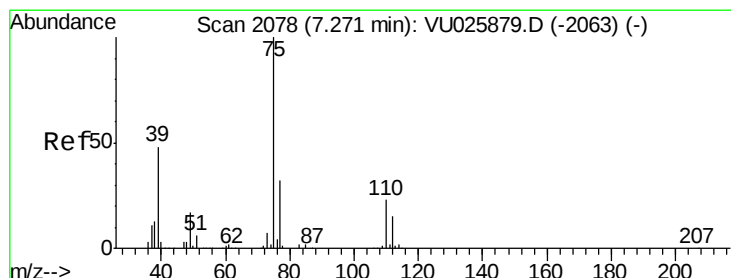
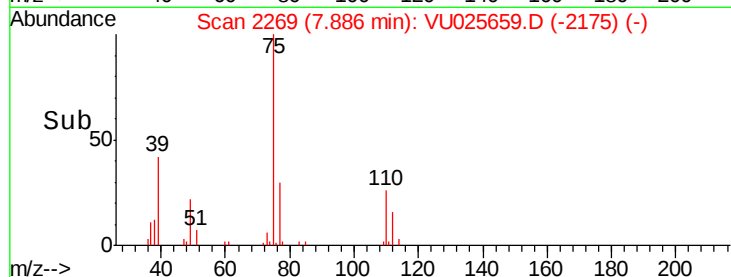
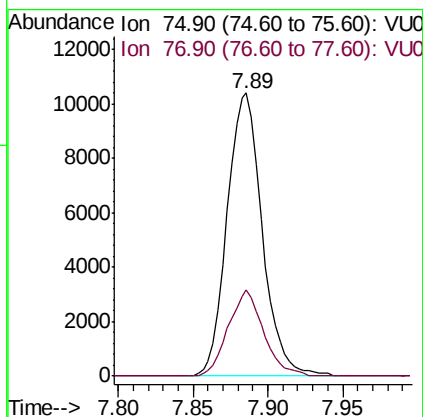
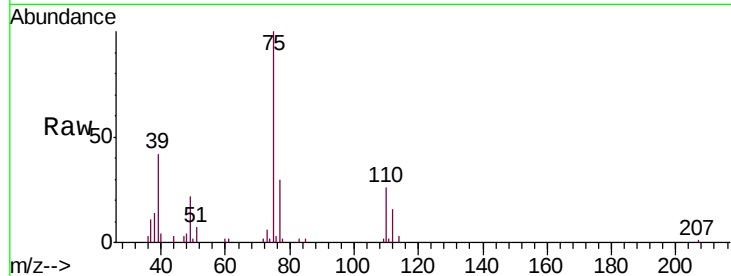




#53
 t-1,3-Dichloropropene
 Concen: 4.930 ug/l
 RT: 7.89 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

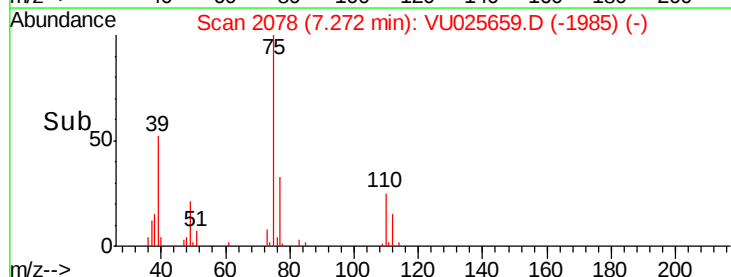
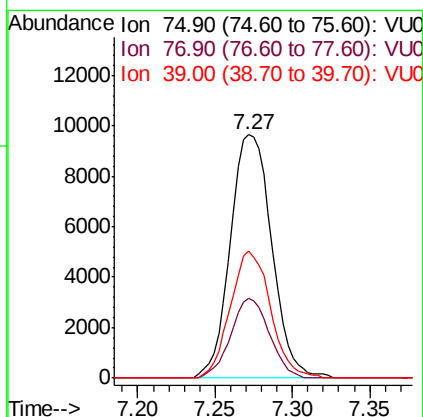
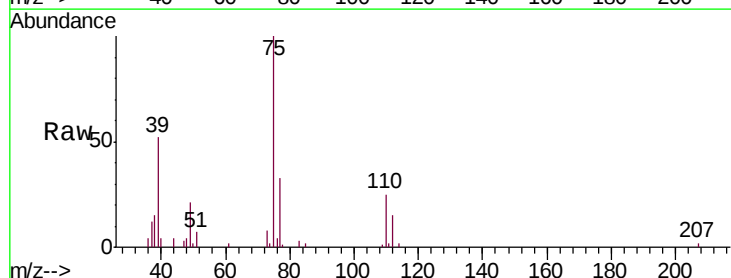
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

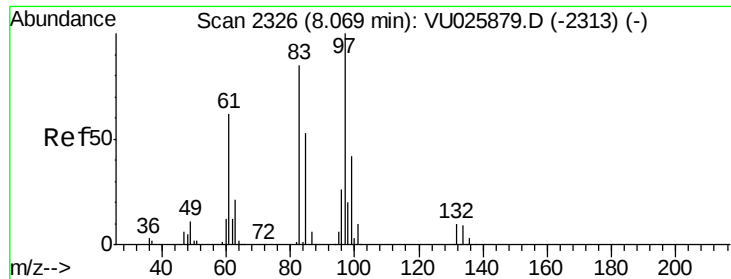
Tgt Ion: 75 Resp: 17011
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 5.065 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Tgt Ion: 75 Resp: 17952
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.6 38.4
 39 52.3 40.0 60.0

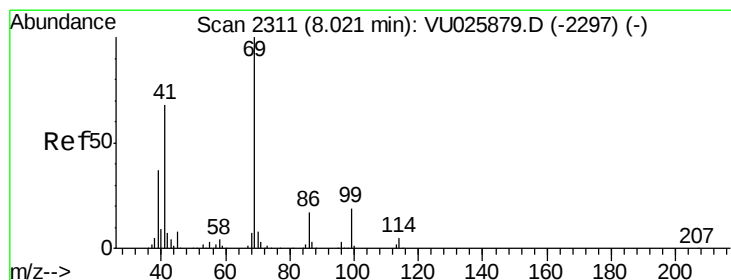
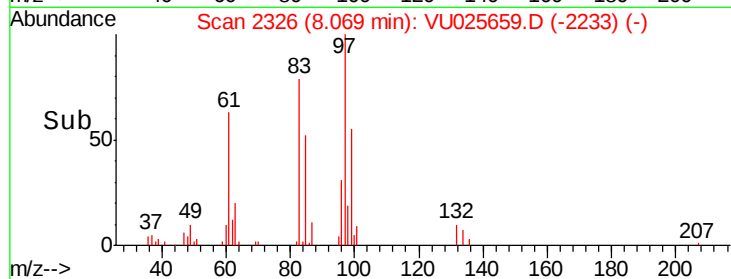
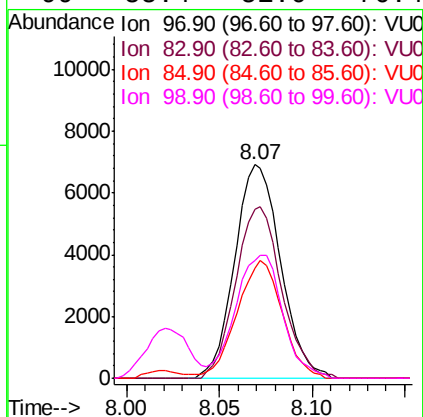
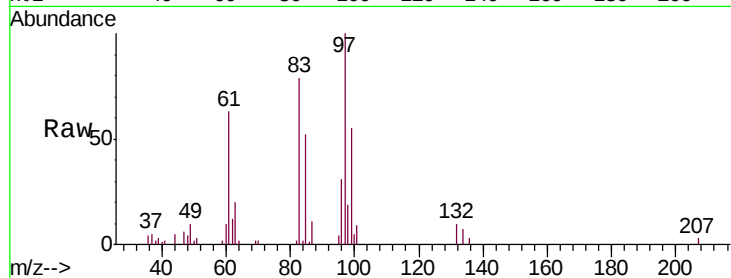




#55
 1,1,2-Trichloroethane
 Concen: 5.394 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

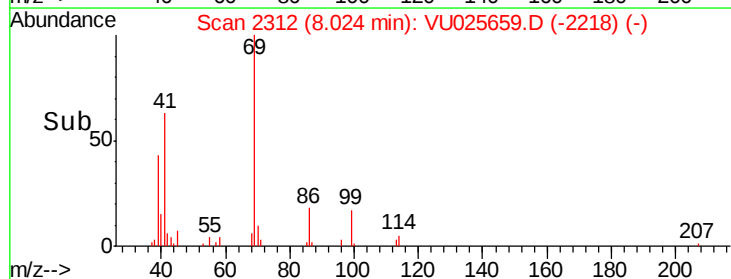
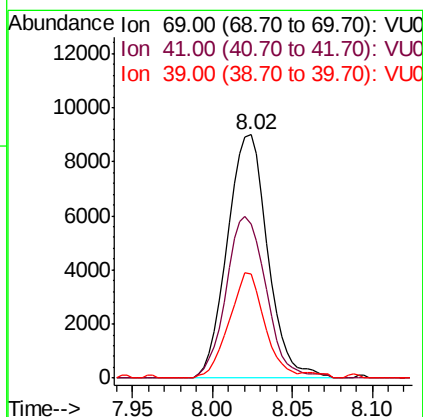
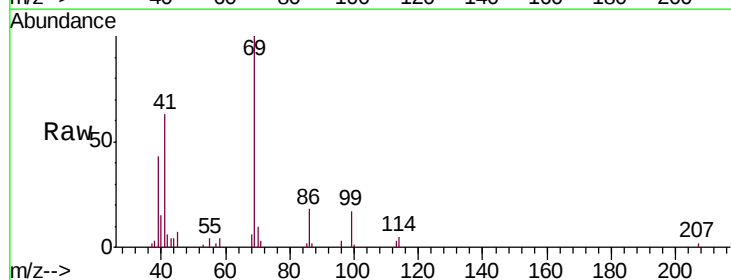
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

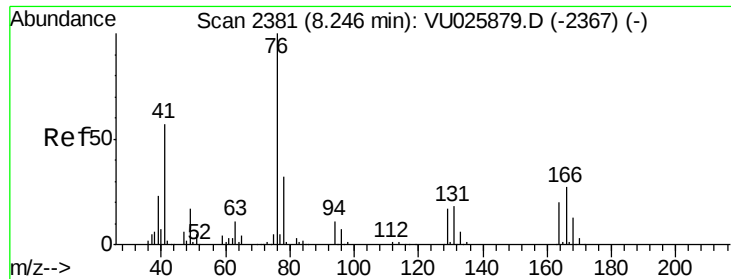
Tgt Ion:	97	Resp:	11873
Ion	Ratio	Lower	Upper
97	100		
83	79.3	68.9	103.3
85	51.8	44.4	66.6
99	55.4	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 4.918 ug/l
 RT: 8.02 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Tgt Ion:	69	Resp:	15465
Ion	Ratio	Lower	Upper
69	100		
41	65.5	54.8	82.2
39	38.0	31.1	46.7

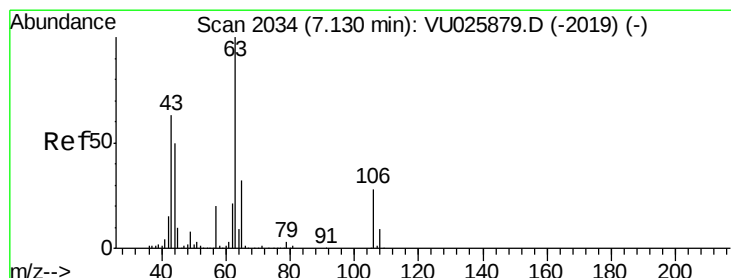
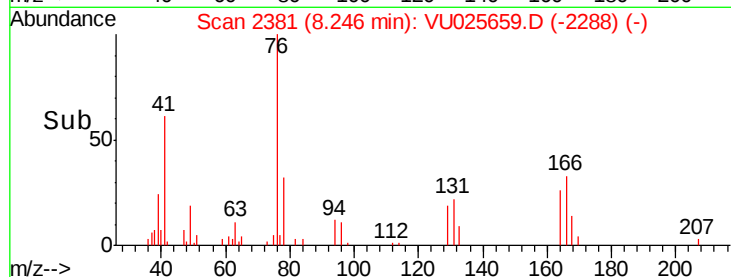
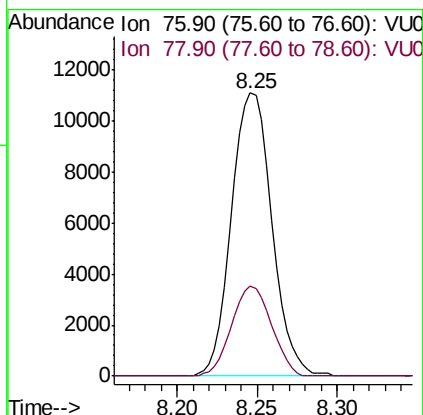
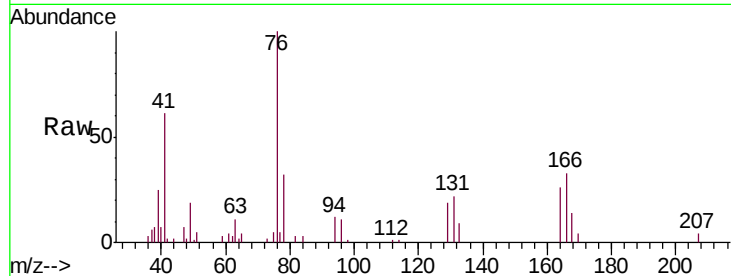




#57
 1,3-Dichloropropane
 Concen: 5.172 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

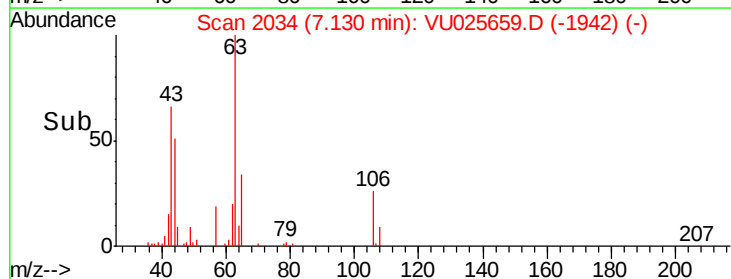
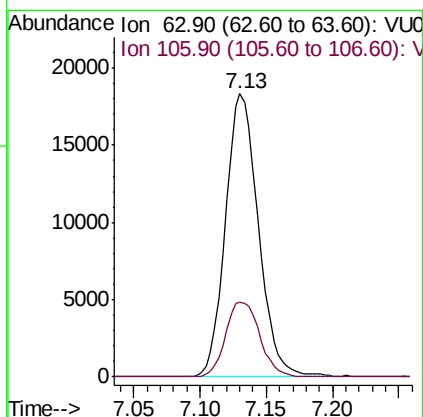
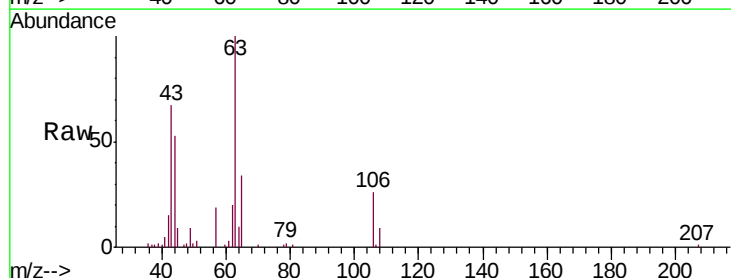
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

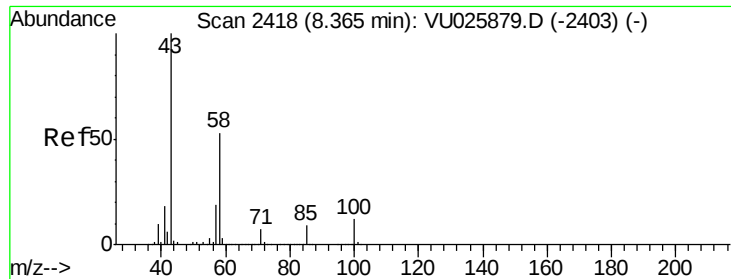
Tgt Ion: 76 Resp: 19145
 Ion Ratio Lower Upper
 76 100
 78 31.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 28.643 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Tgt Ion: 63 Resp: 31608
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.3 33.5

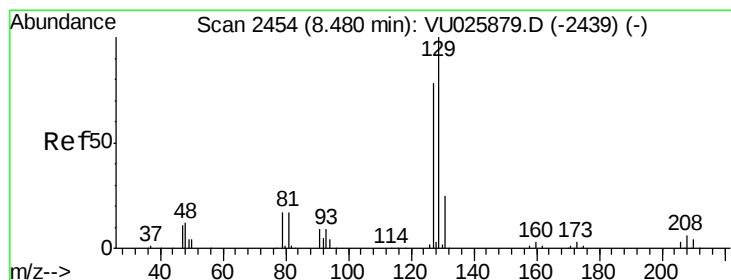
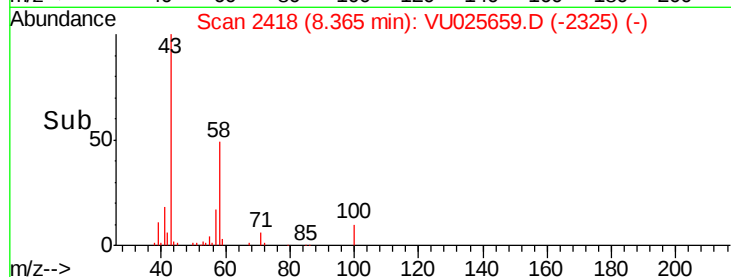
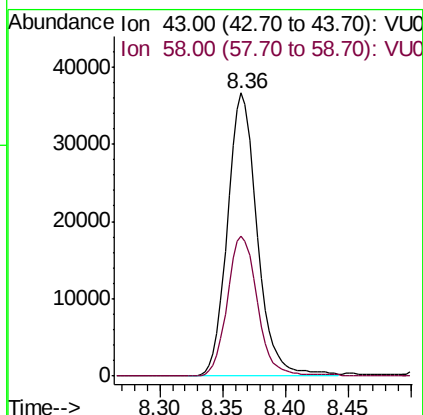
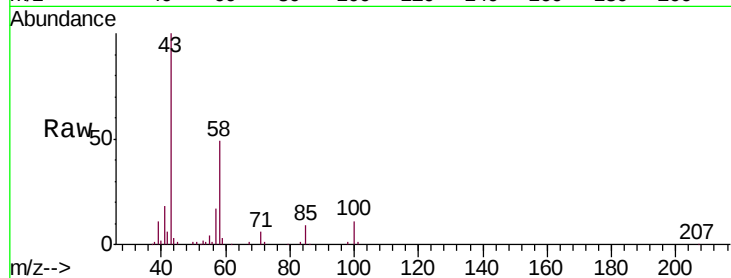




#59
2-Hexanone
Concen: 24.664 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

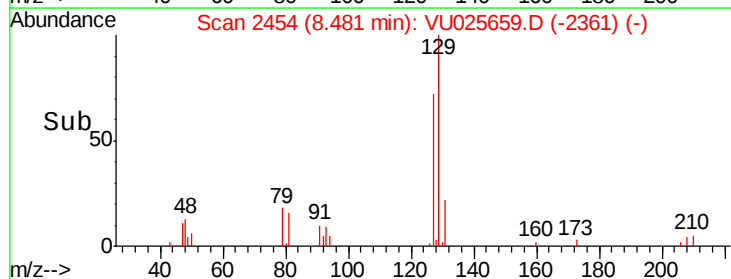
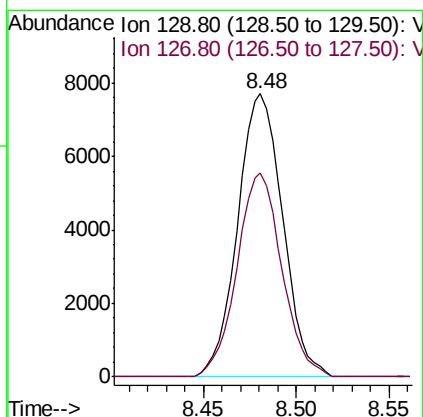
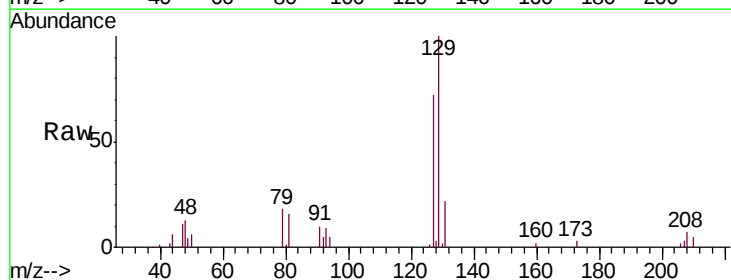
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

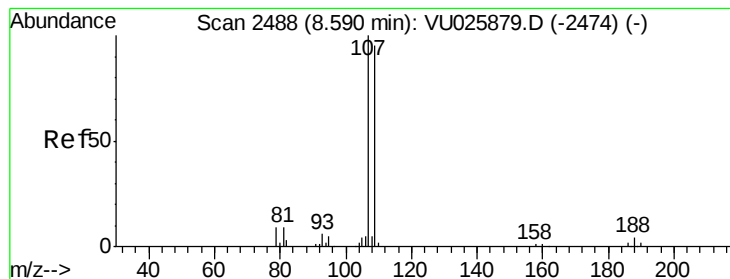
Tgt Ion: 43 Resp: 60490
Ion Ratio Lower Upper
43 100
58 49.7 26.2 78.5



#60
Dibromochloromethane
Concen: 5.011 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

Tgt Ion: 129 Resp: 13006
Ion Ratio Lower Upper
129 100
127 71.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 5.079 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

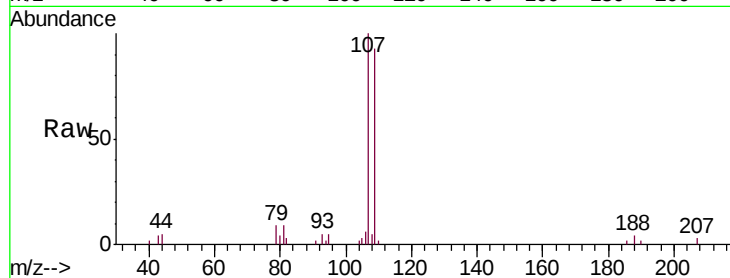
VSTDIC005

Tgt Ion: 107 Resp: 12433

Ion Ratio Lower Upper

107 100

109 97.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

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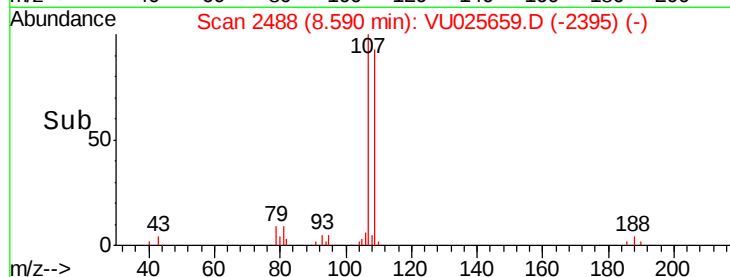
8.59

8.59

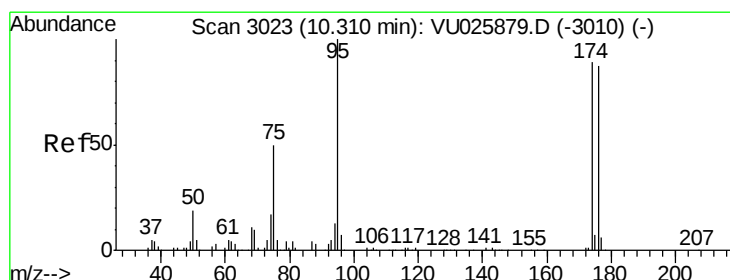
8.59

8.59

8.59



Time-->



#62

4-Bromofluorobenzene

Concen: 4.680 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

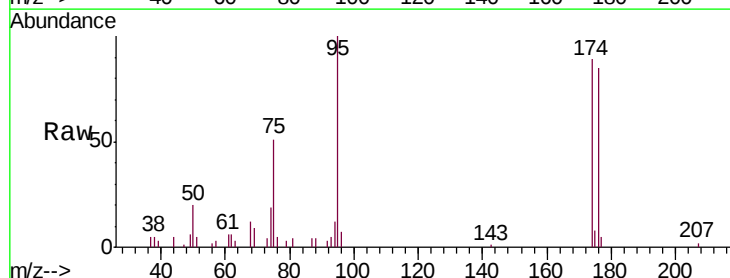
Tgt Ion: 95 Resp: 13799

Ion Ratio Lower Upper

95 100

174 90.1 0.0 172.2

176 84.5 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

10.31

10.31

10.31

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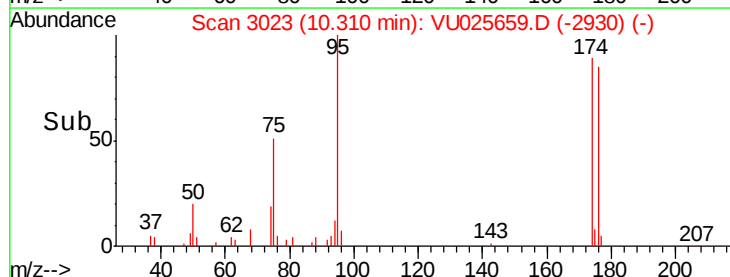
10.31

10.31

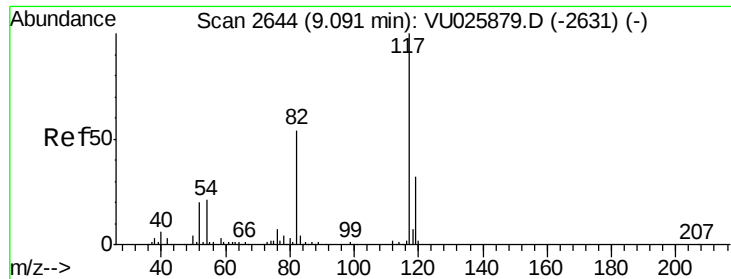
10.31

10.31

10.31



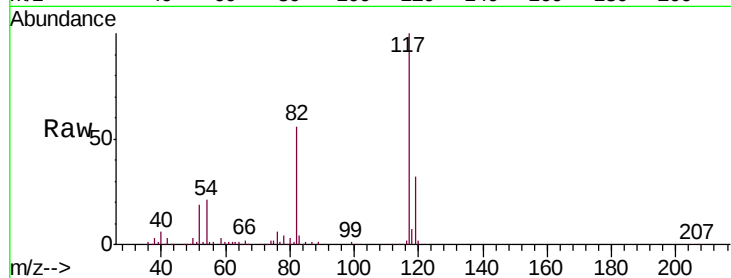
Time-->



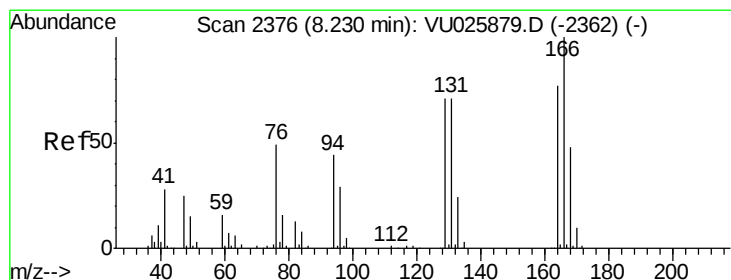
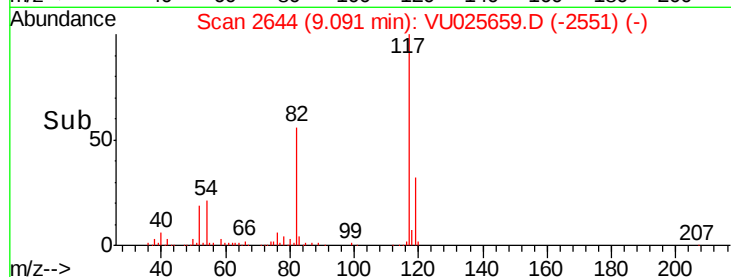
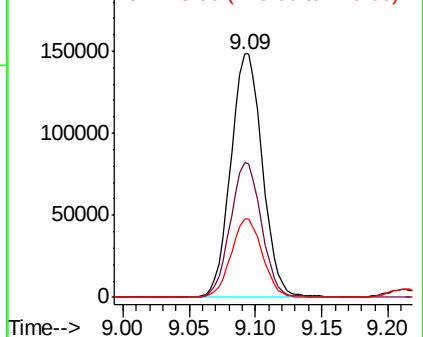
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 245893
Ion Ratio Lower Upper
117 100
82 55.6 46.0 69.0
119 32.1 26.0 39.0

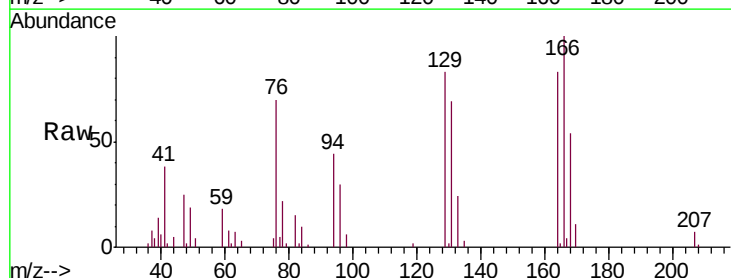


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

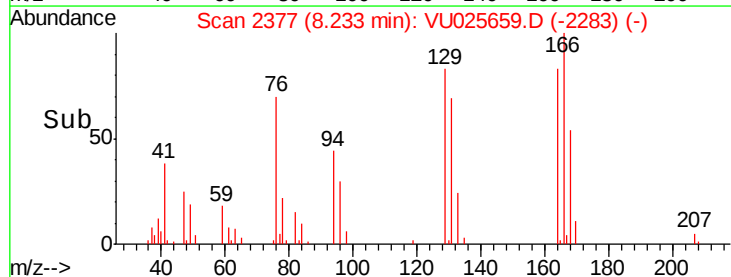
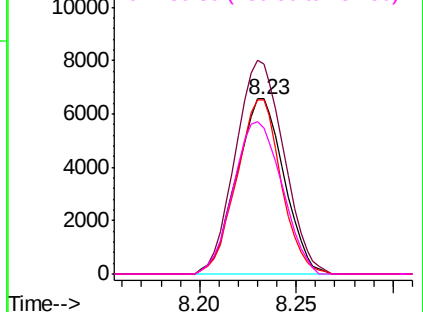


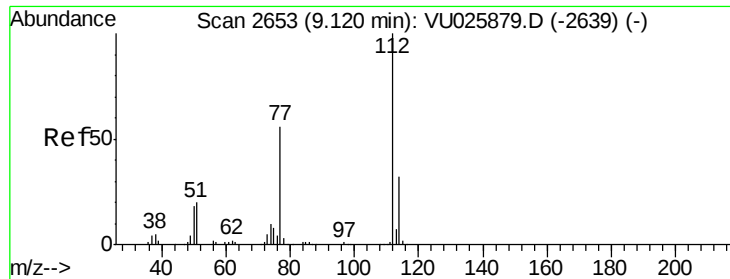
#64
Tetrachloroethene
Concen: 5.184 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

Tgt Ion:164 Resp: 11220
Ion Ratio Lower Upper
164 100
166 119.9 101.1 151.7
129 99.0 73.0 109.6
131 82.9 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

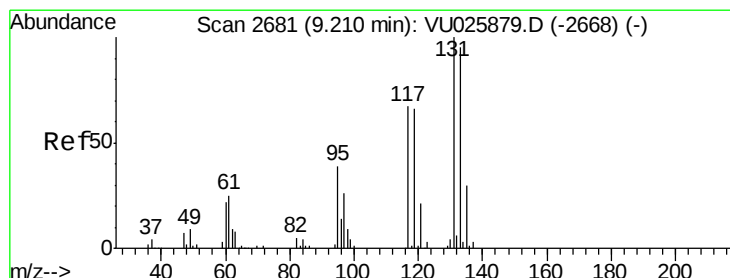
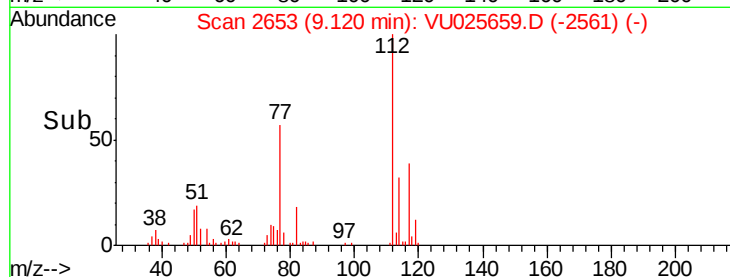
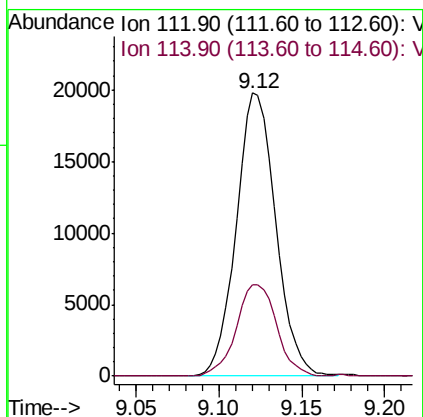
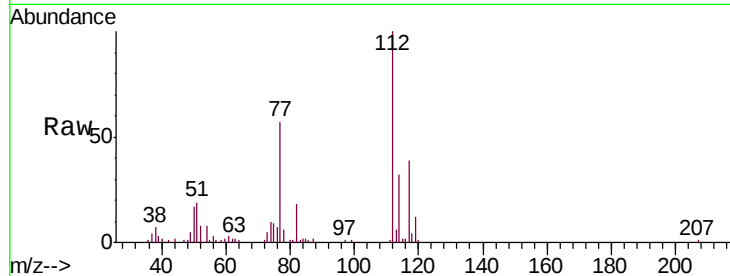




#65
Chlorobenzene
Concen: 5.167 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

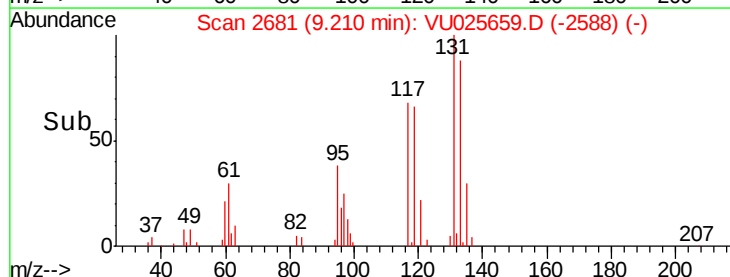
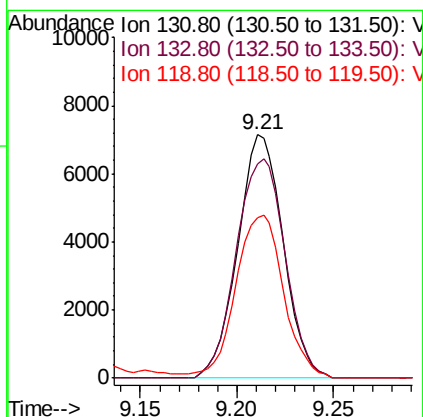
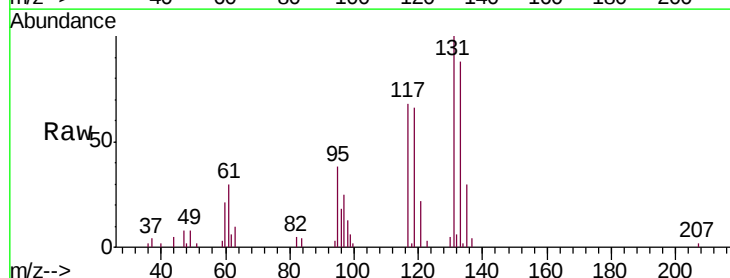
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

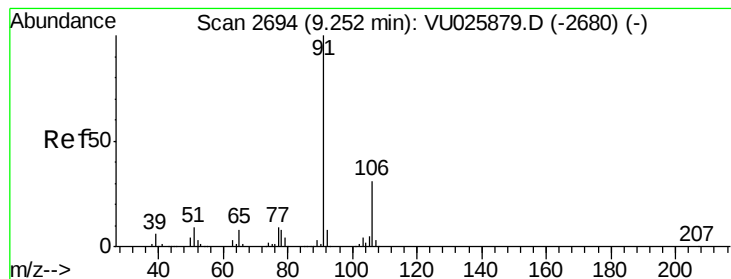
Tgt Ion:112 Resp: 32756
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.085 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

Tgt Ion:131 Resp: 11662
Ion Ratio Lower Upper
131 100
133 96.9 47.8 143.3
119 70.7 31.6 95.0





#67

Ethyl Benzene

Concen: 4.983 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

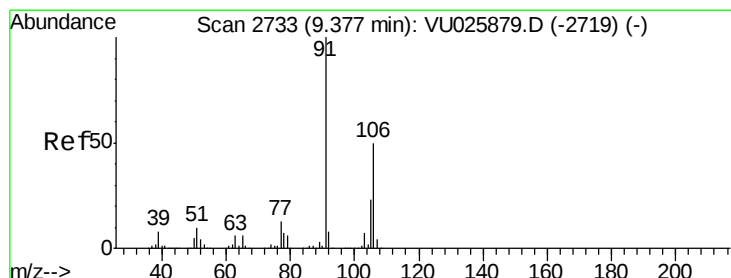
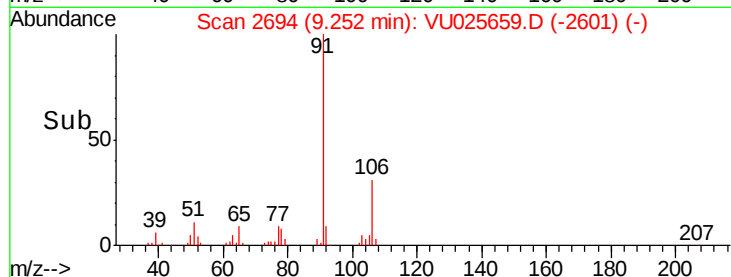
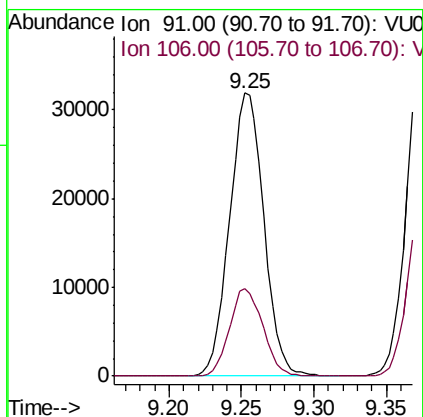
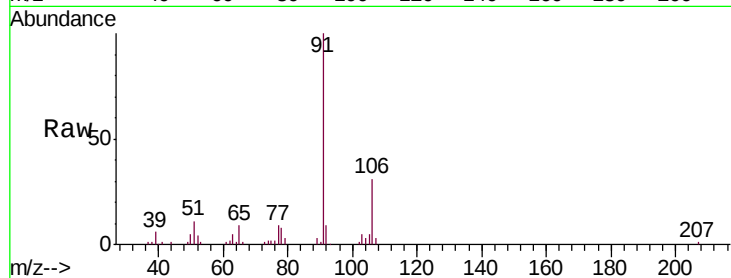
VSTDIC005

Tgt Ion: 91 Resp: 52329

Ion Ratio Lower Upper

91 100

106 31.1 25.3 37.9



#68

m/p-Xylenes

Concen: 9.965 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025659.D

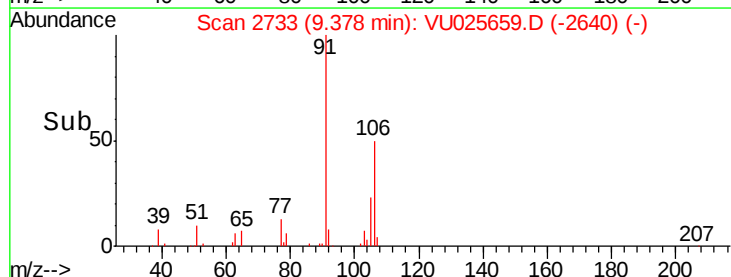
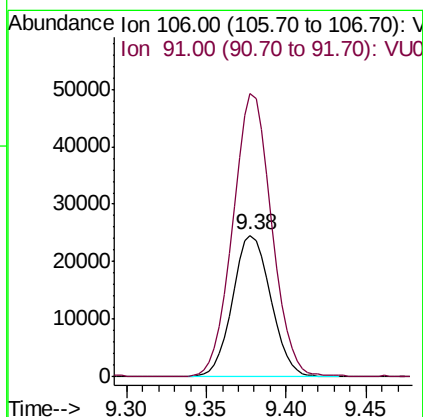
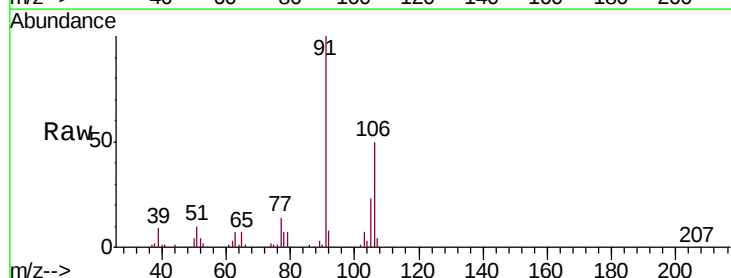
Acq: 27 Jul 2018 10:18

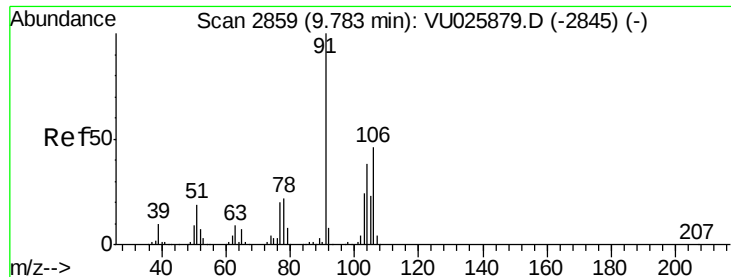
Tgt Ion: 106 Resp: 40177

Ion Ratio Lower Upper

106 100

91 202.9 162.3 243.5

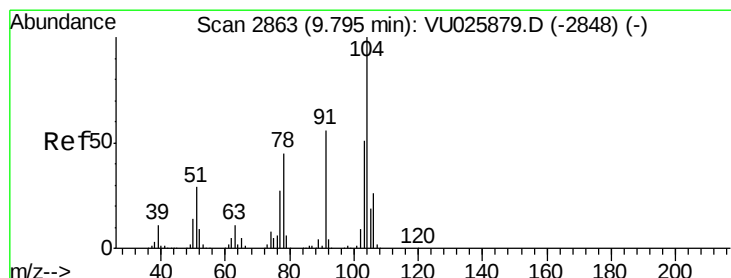
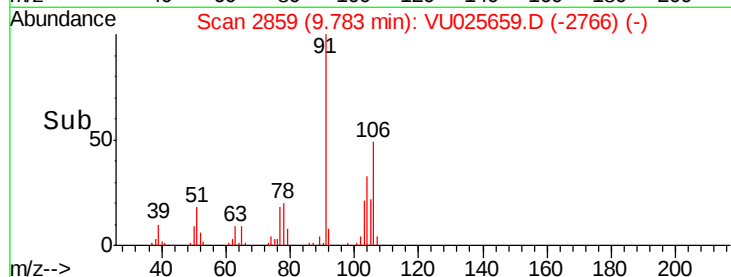
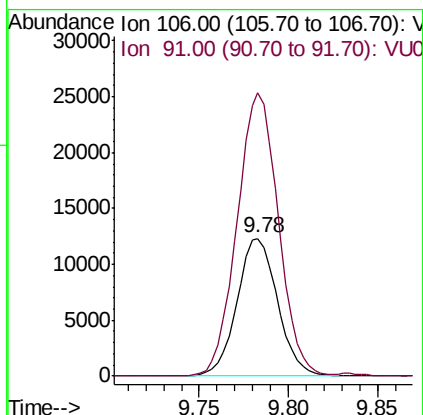
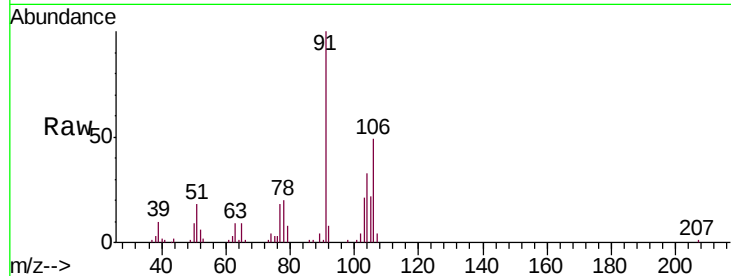




#69
o-Xylene
Concen: 4.953 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

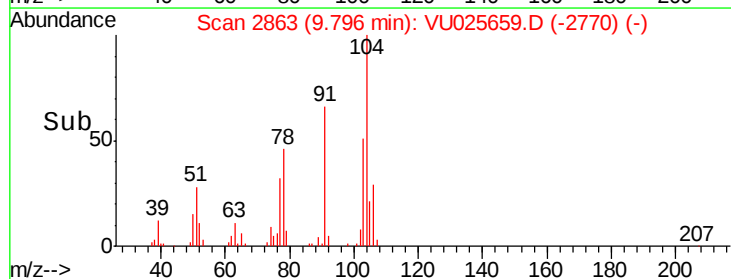
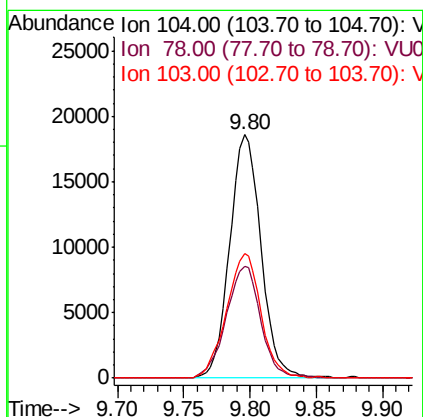
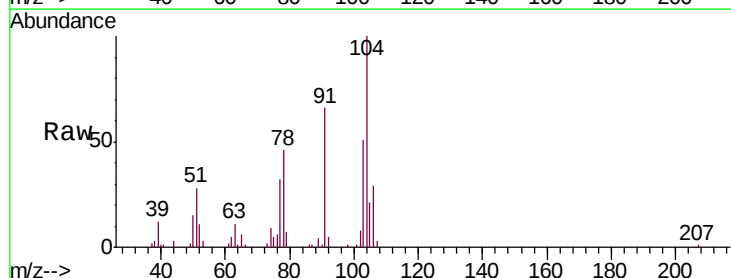
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

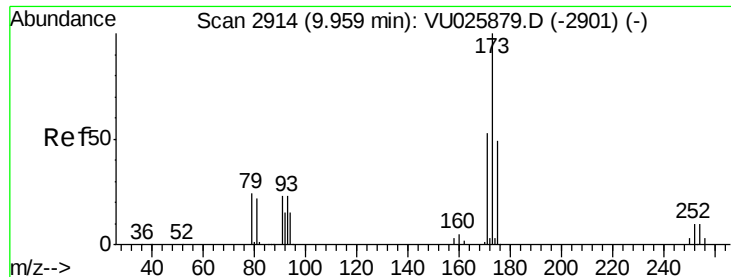
Tgt Ion:106 Resp: 19515
Ion Ratio Lower Upper
106 100
91 209.3 105.3 315.8



#70
Styrene
Concen: 4.811 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

Tgt Ion:104 Resp: 30618
Ion Ratio Lower Upper
104 100
78 50.4 41.6 62.4
103 56.0 44.6 66.8





#71

Bromoform

Concen: 4.619 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

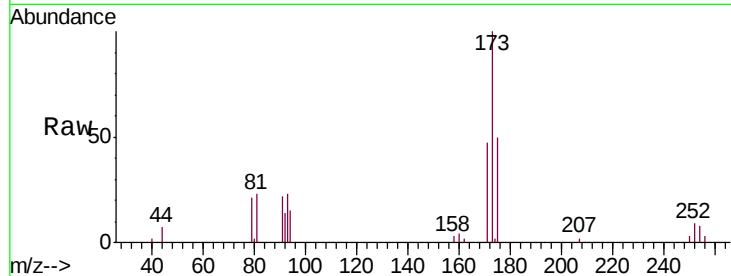
Tgt Ion:173 Resp: 9186

Ion Ratio Lower Upper

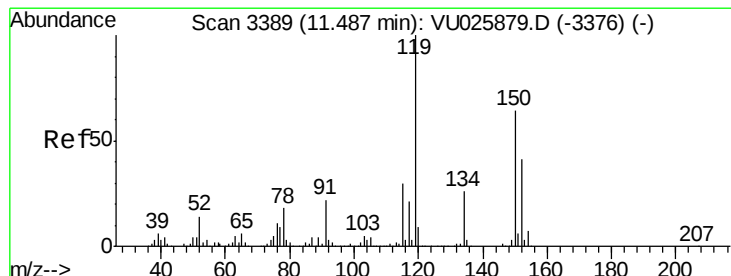
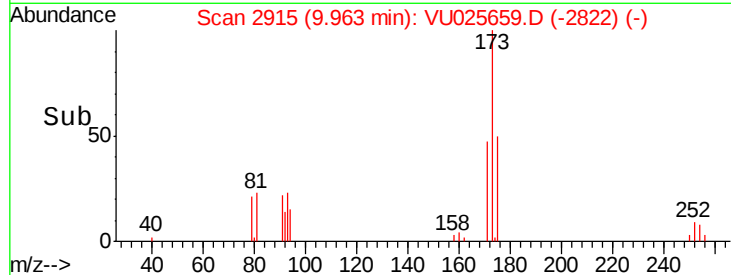
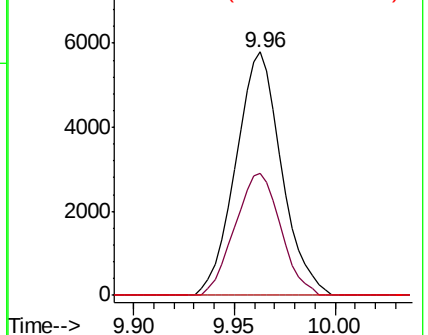
173 100

175 50.3 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: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

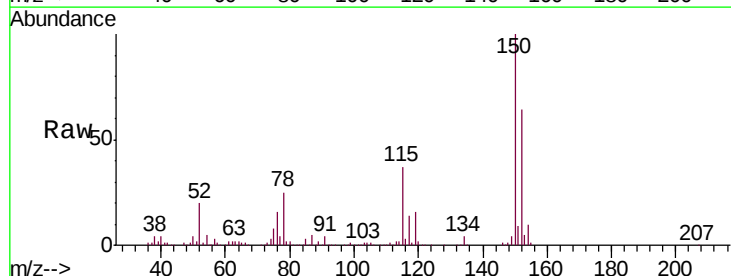
Tgt Ion:152 Resp: 150668

Ion Ratio Lower Upper

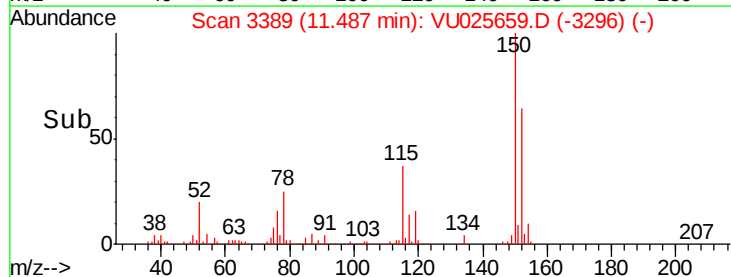
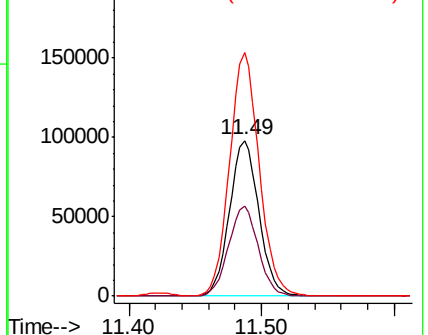
152 100

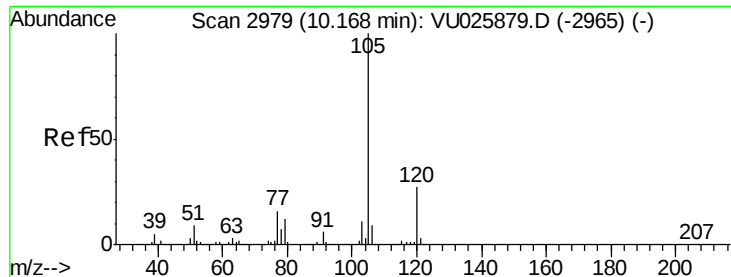
115 58.4 40.1 120.3

150 157.5 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: 5.112 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

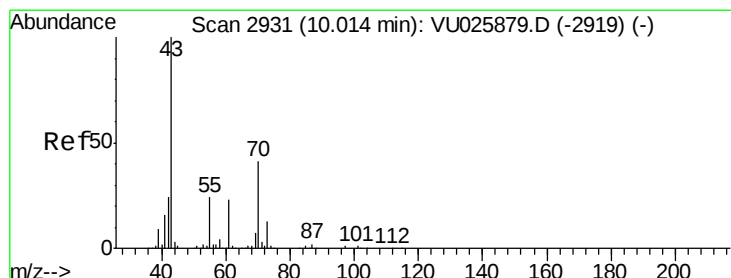
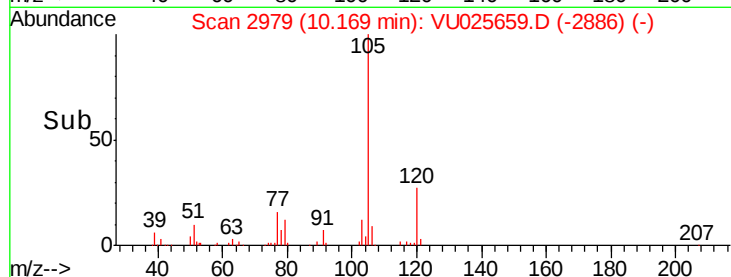
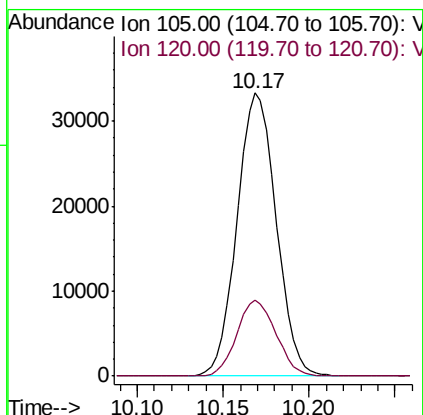
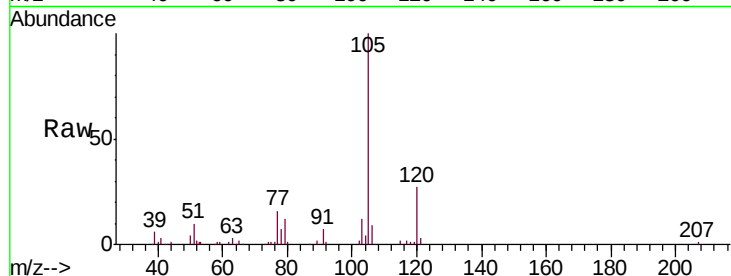
VSTDIC005

Tgt Ion:105 Resp: 52572

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



#74

N-ethyl acetate

Concen: 4.728 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Tgt Ion: 43 Resp: 19850

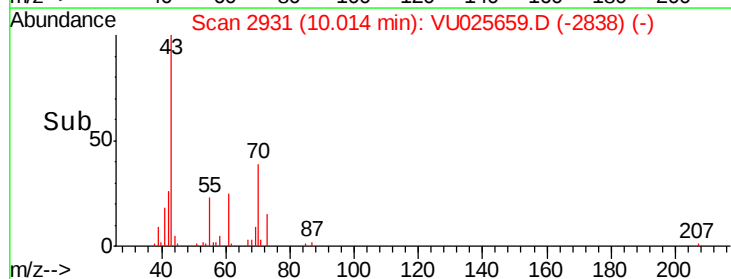
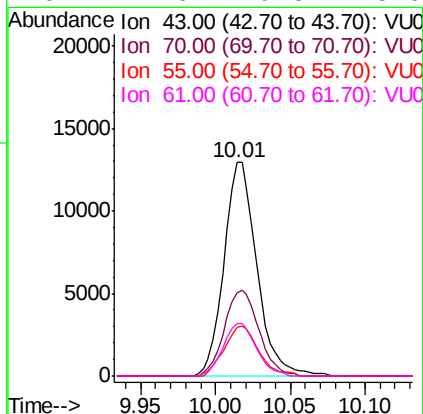
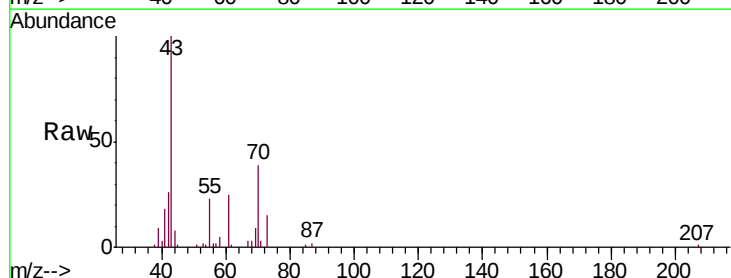
Ion Ratio Lower Upper

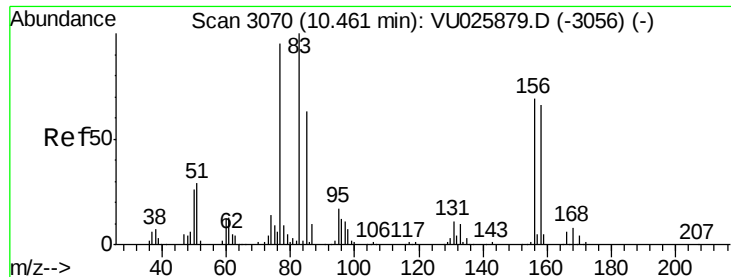
43 100

70 41.9 33.4 50.2

55 24.2 19.0 28.6

61 24.6 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.211 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

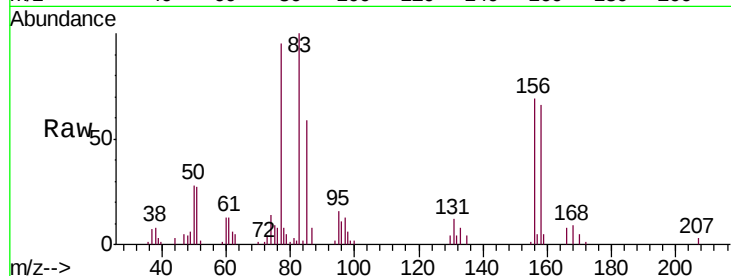
Tgt Ion: 83 Resp: 18532

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.4

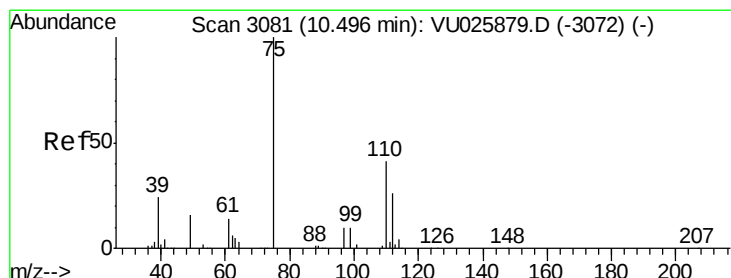
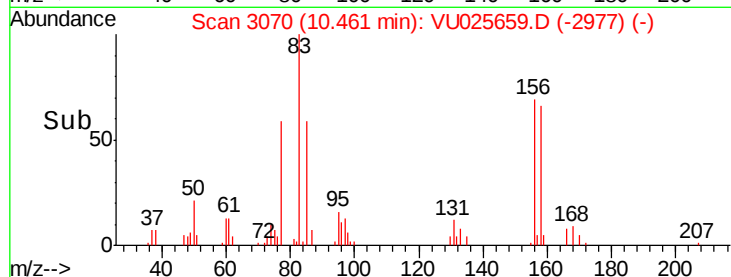
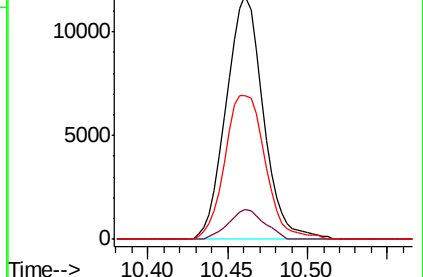
85 64.4 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU025879.D (-3056) (-)

Ion 130.80 (130.50 to 131.50): VU025879.D (-3056) (-)

Ion 84.90 (84.60 to 85.60): VU025879.D (-3056) (-)



#76

1,2,3-Trichloropropane

Concen: 6.238 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. 0.00 min

Lab File: VU025659.D

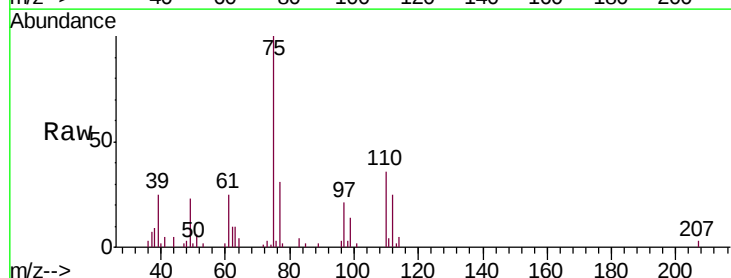
Acq: 27 Jul 2018 10:18

Tgt Ion: 75 Resp: 20709

Ion Ratio Lower Upper

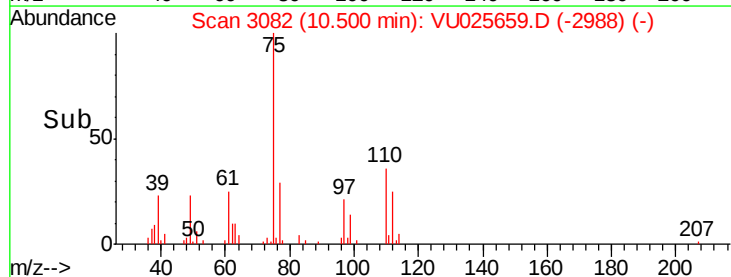
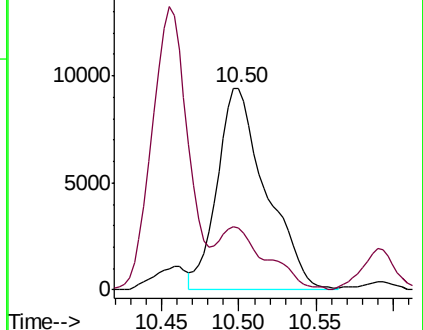
75 100

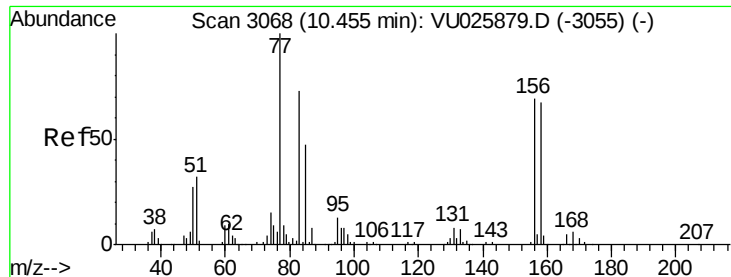
77 29.7 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025879.D (-3072) (-)

Ion 77.00 (76.70 to 77.70): VU025879.D (-3072) (-)





#77

Bromobenzene

Concen: 5.287 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

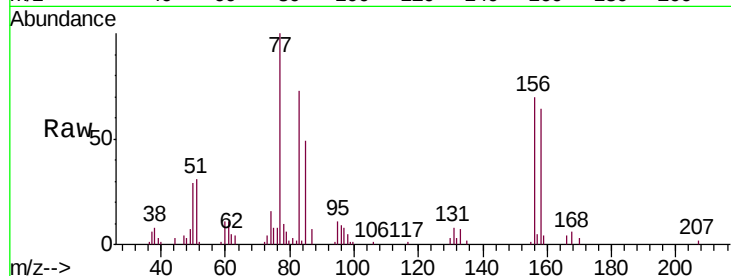
Tgt Ion:156 Resp: 14995

Ion Ratio Lower Upper

156 100

77 142.7 73.8 221.4

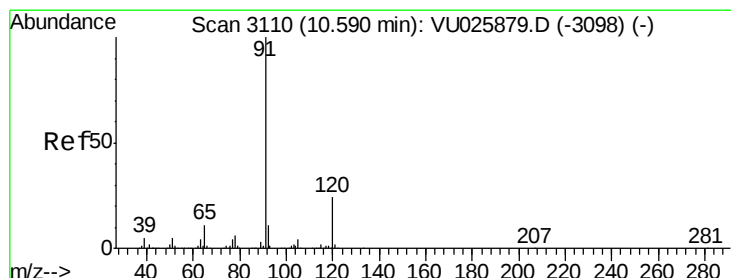
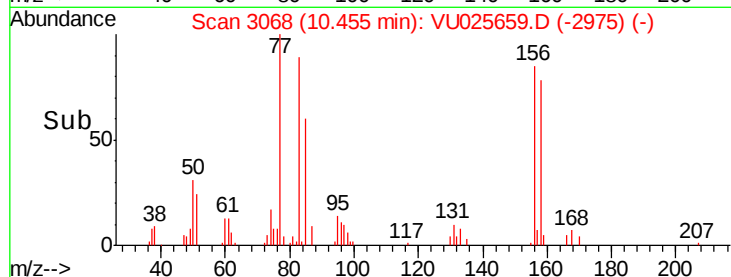
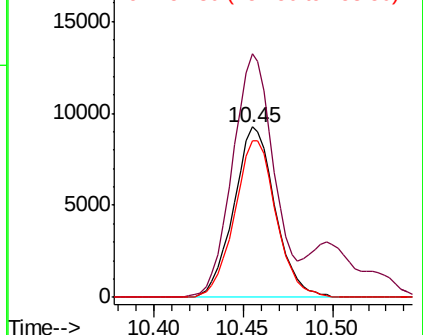
158 92.2 48.0 144.0



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: 5.023 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025659.D

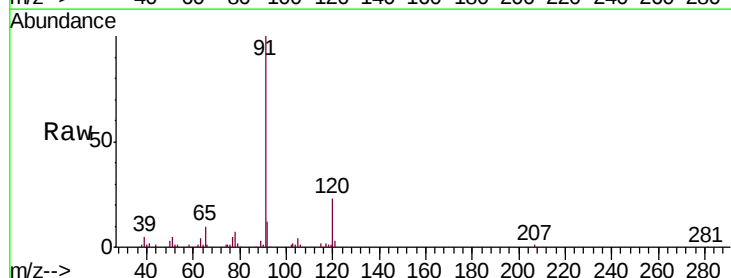
Acq: 27 Jul 2018 10:18

Tgt Ion: 91 Resp: 60292

Ion Ratio Lower Upper

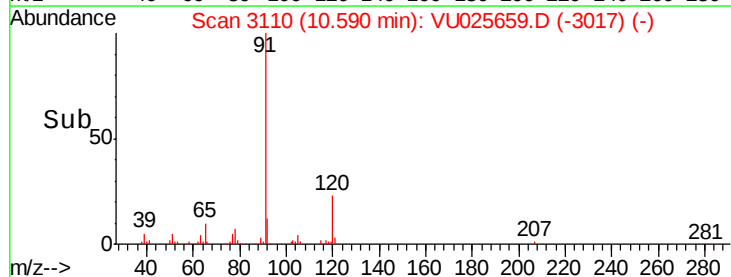
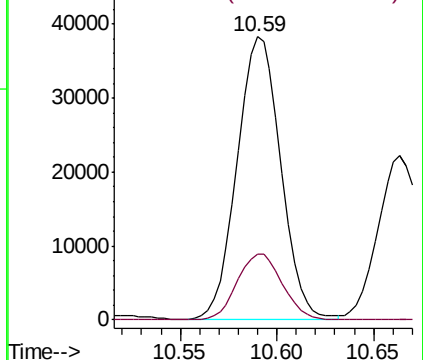
91 100

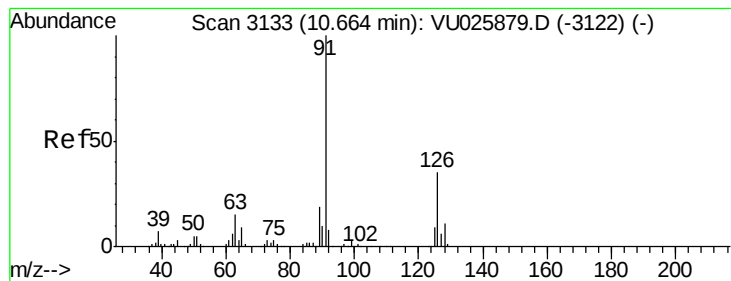
120 23.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.989 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025659.D

Acq: 27 Jul 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

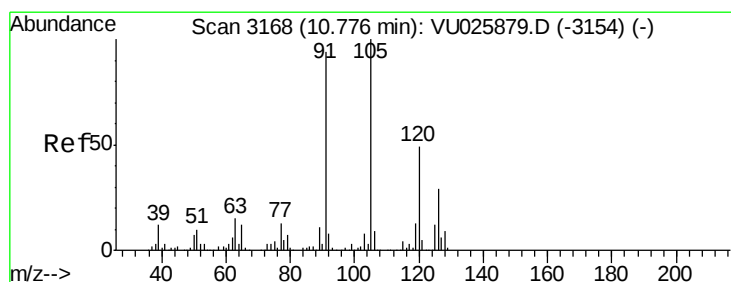
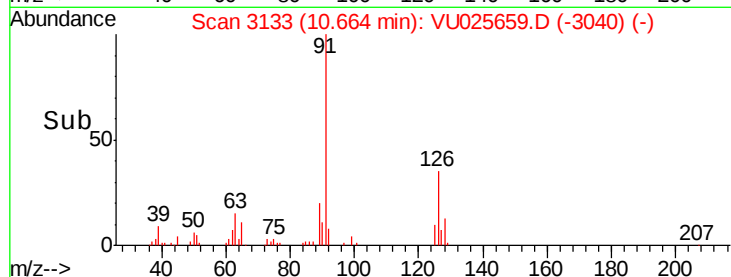
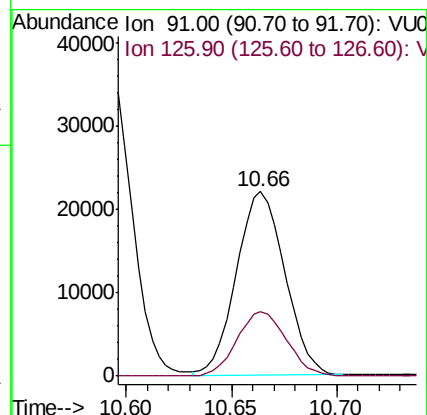
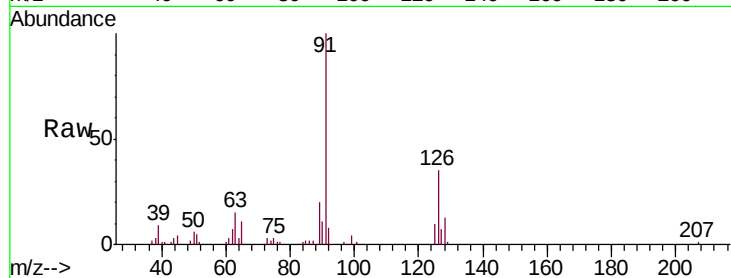
VSTDIC005

Tgt Ion: 91 Resp: 35076

Ion Ratio Lower Upper

91 100

126 36.1 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 4.979 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025659.D

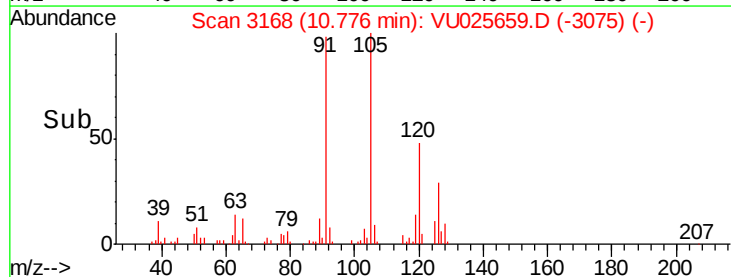
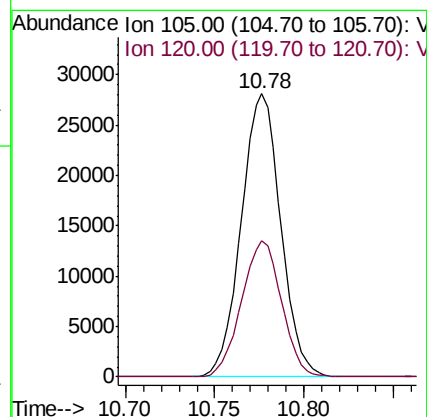
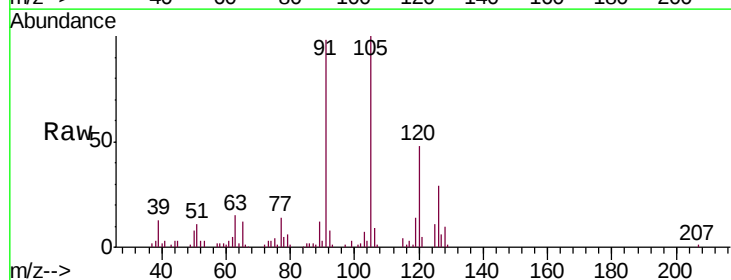
Acq: 27 Jul 2018 10:18

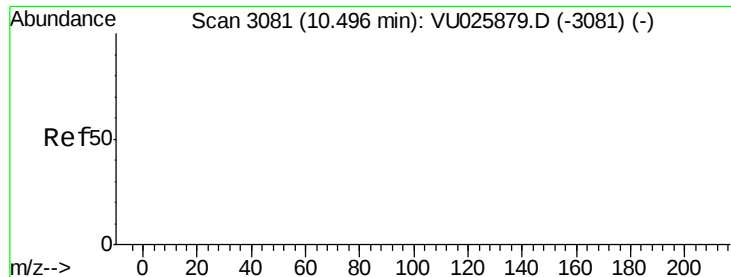
Tgt Ion: 105 Resp: 43484

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2

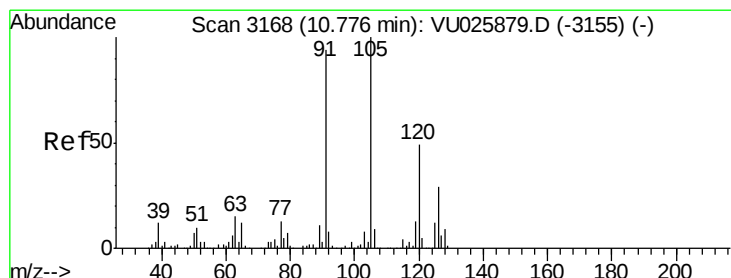
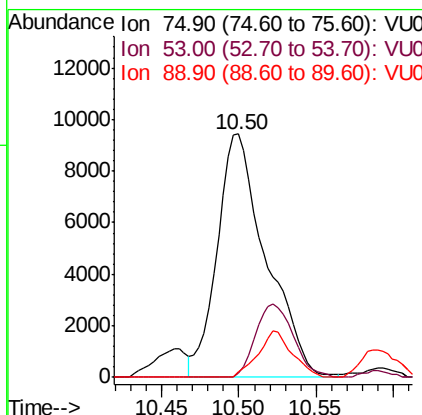
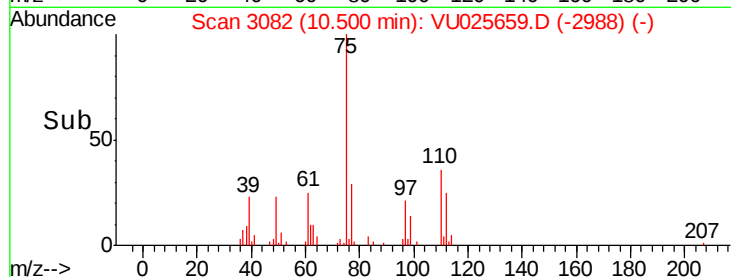
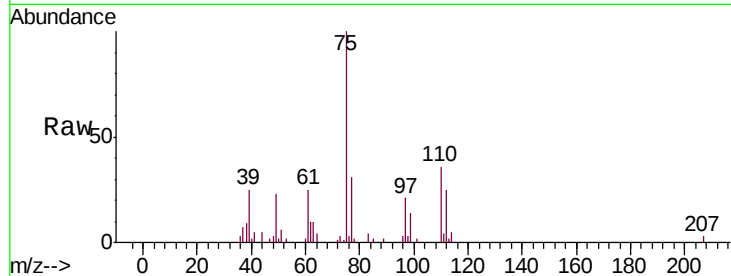




#81
trans-1,4-Dichloro-2-butene
Concen: 15.642 ug/l
RT: 10.50 min Scan# 3082
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

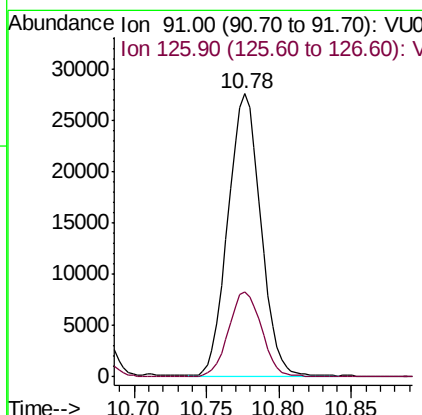
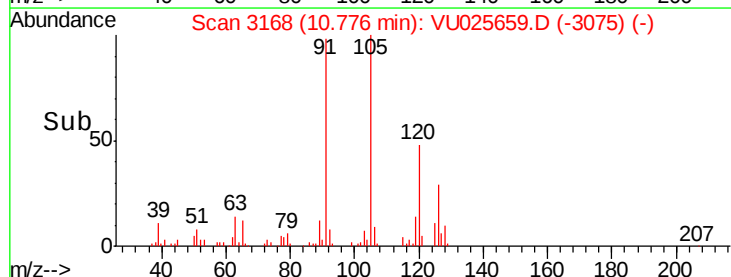
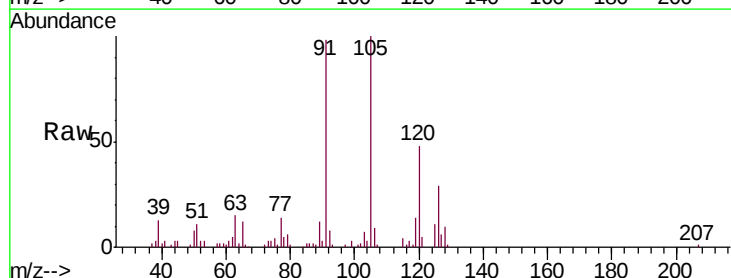
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

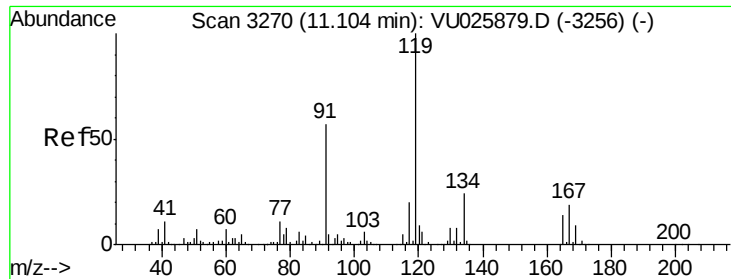
Tgt Ion: 75 Resp: 20709
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 5.188 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

Tgt Ion: 91 Resp: 42995
Ion Ratio Lower Upper
91 100
126 30.5 15.3 45.9

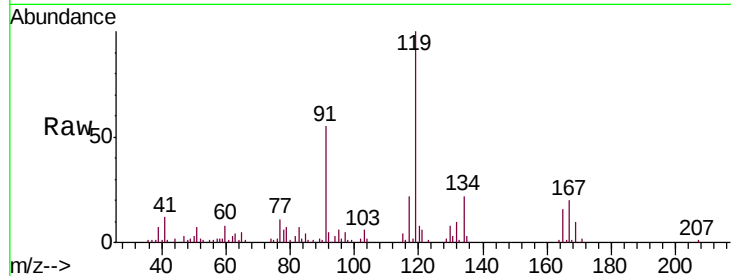




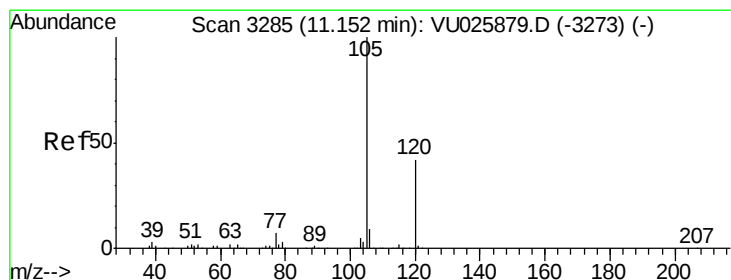
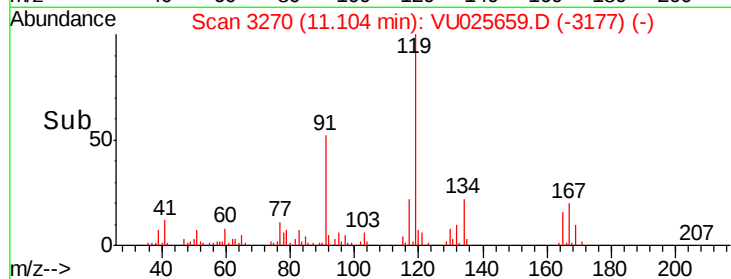
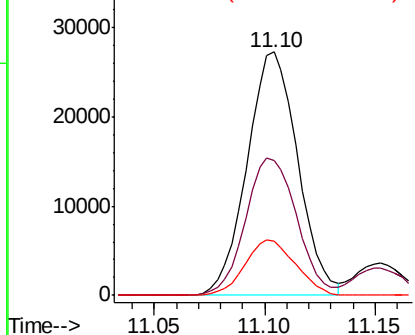
#83
 tert-Butylbenzene
 Concen: 5.015 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 43519
 Ion Ratio Lower Upper
 119 100
 91 56.6 29.7 89.1
 134 22.7 11.5 34.5

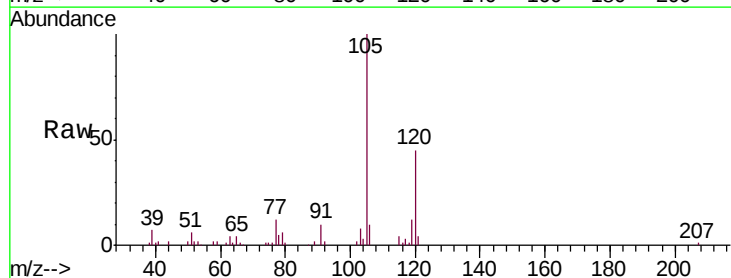


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

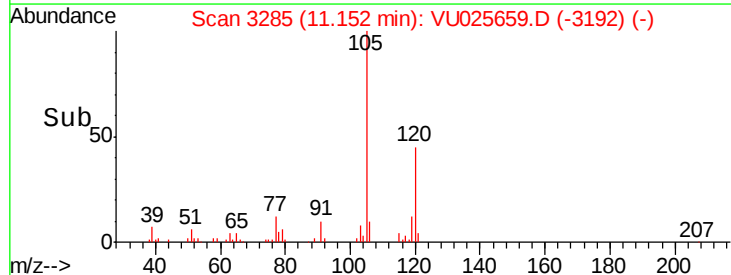
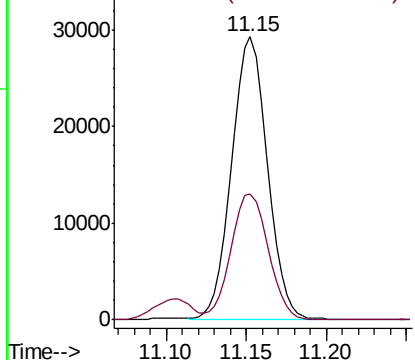


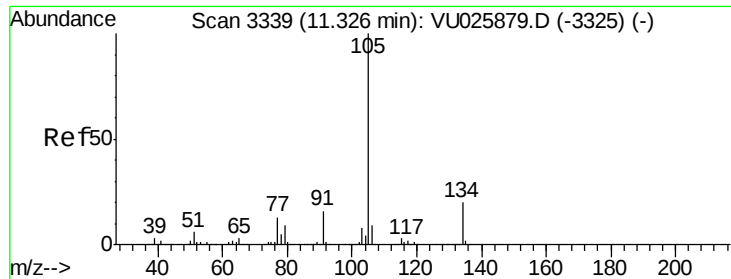
#84
 1,2,4-Trimethylbenzene
 Concen: 5.038 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Tgt Ion:105 Resp: 44585
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

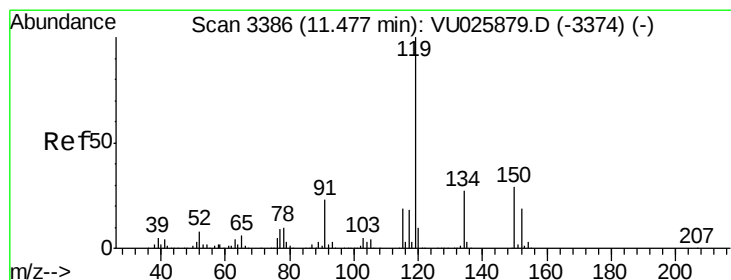
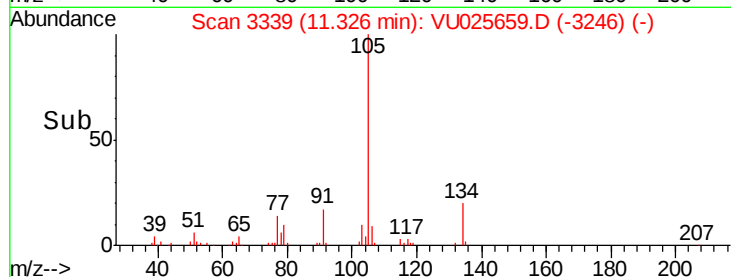
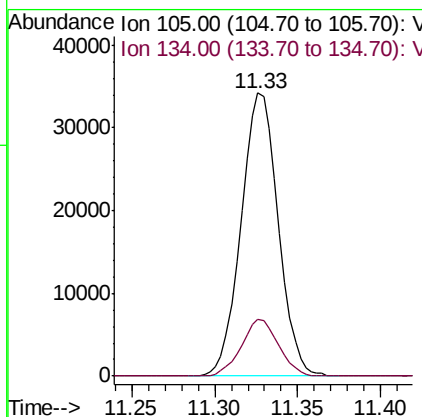
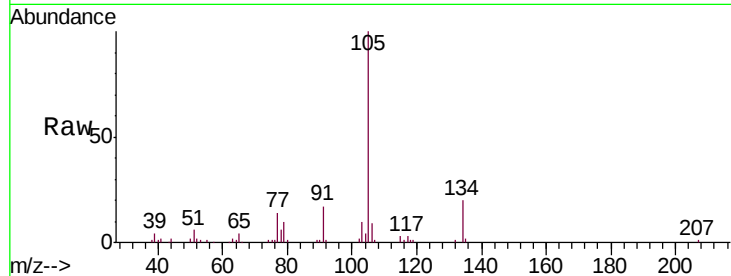




#85
 sec-Butylbenzene
 Concen: 5.018 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

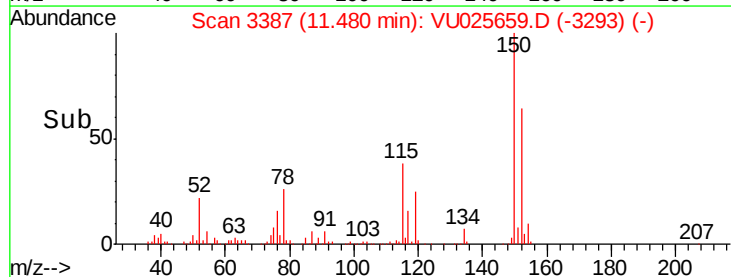
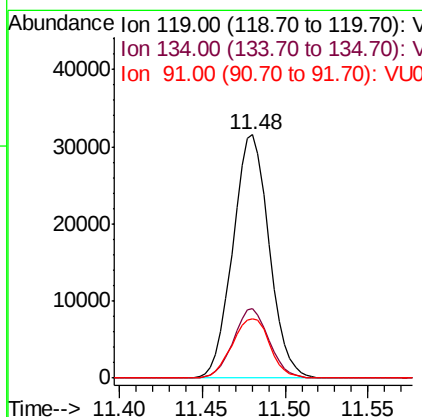
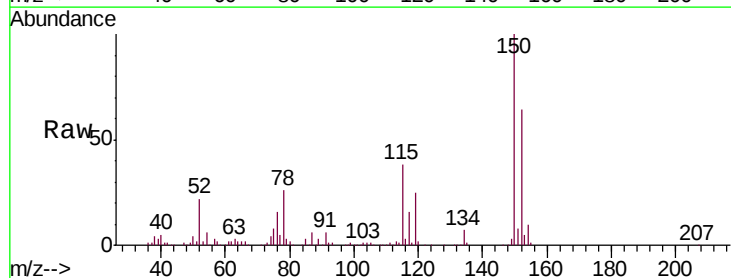
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

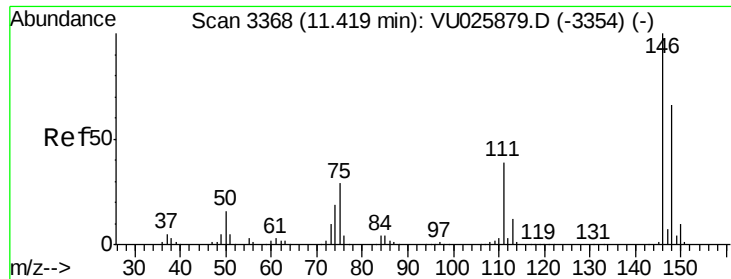
Tgt Ion:105 Resp: 53160
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 5.061 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Tgt Ion:119 Resp: 48010
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.2 39.5
 91 25.7 12.0 36.1

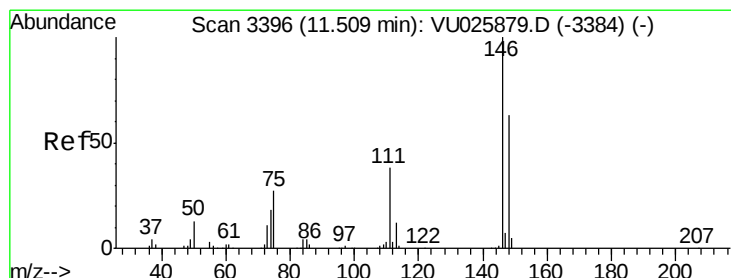
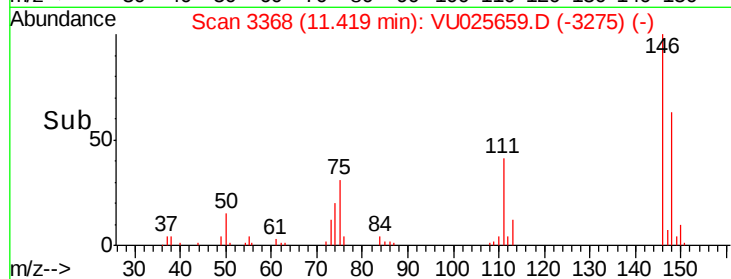
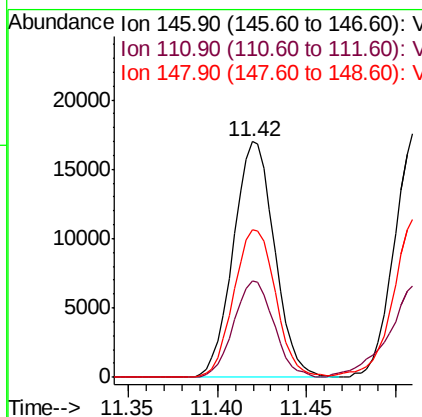
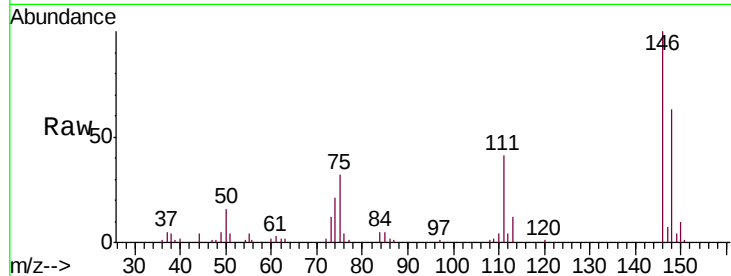




#87
 1,3-Dichlorobenzene
 Concen: 5.185 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

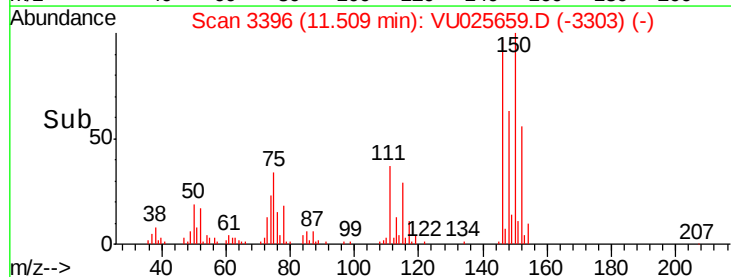
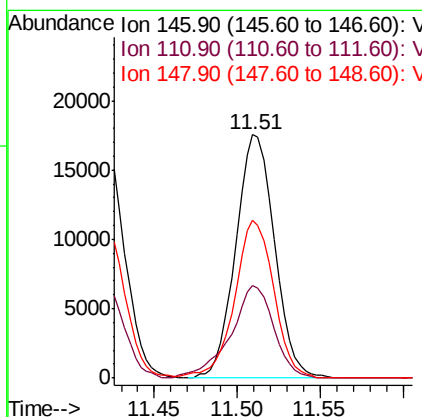
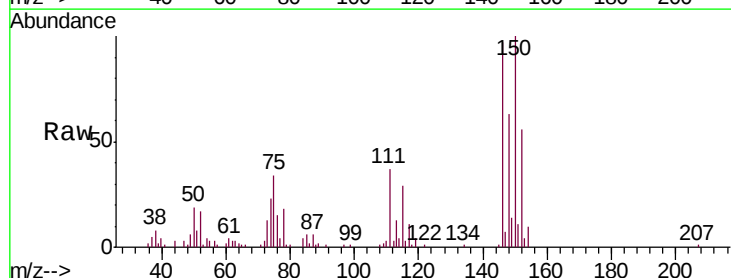
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

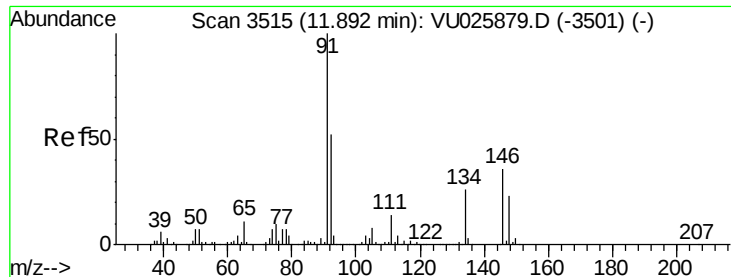
Tgt Ion:146 Resp: 27300
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.7 59.1
 148 63.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 5.217 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Tgt Ion:146 Resp: 28634
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.4 58.1
 148 65.2 31.7 95.1

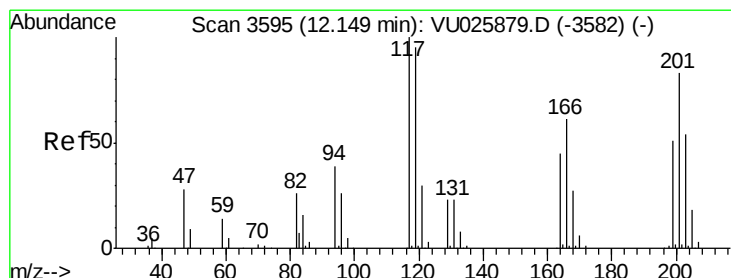
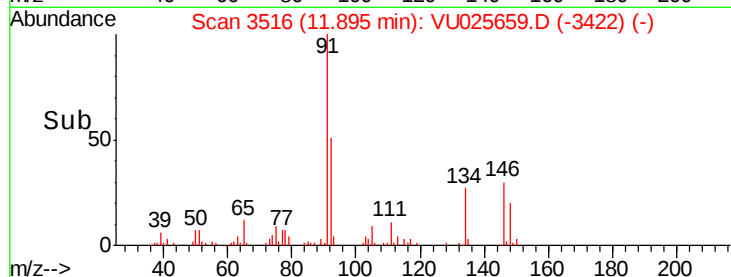
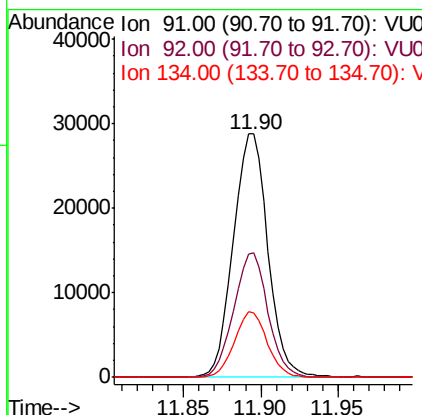
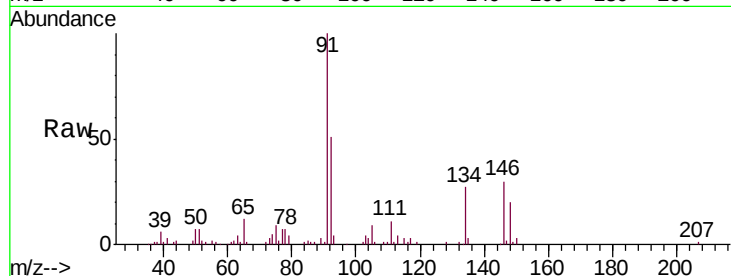




#89
n-Butylbenzene
Concen: 5.100 ug/l
RT: 11.90 min Scan# 3516
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

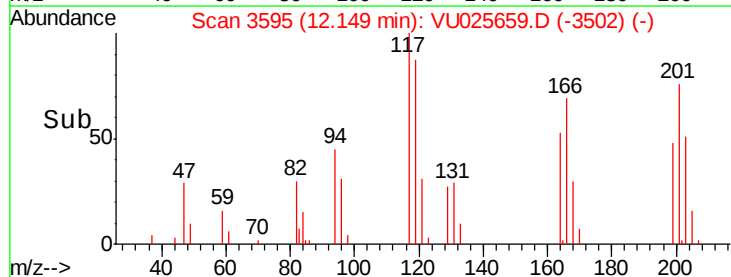
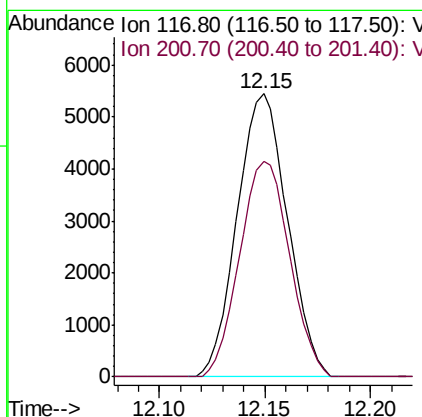
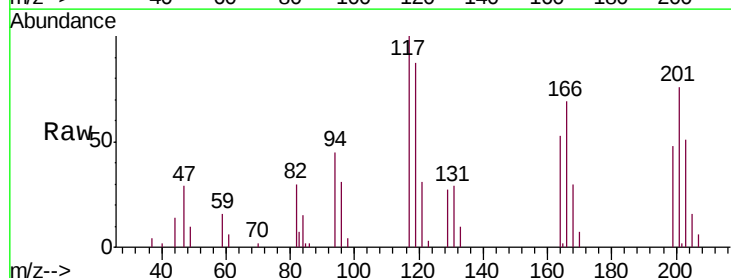
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

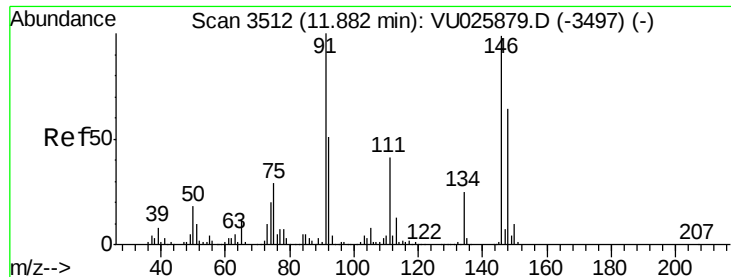
Tgt Ion: 91 Resp: 44649
Ion Ratio Lower Upper
91 100
92 50.3 26.5 79.5
134 25.3 13.6 40.7



#90
Hexachloroethane
Concen: 5.351 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

Tgt Ion: 117 Resp: 9025
Ion Ratio Lower Upper
117 100
201 75.7 42.5 127.6

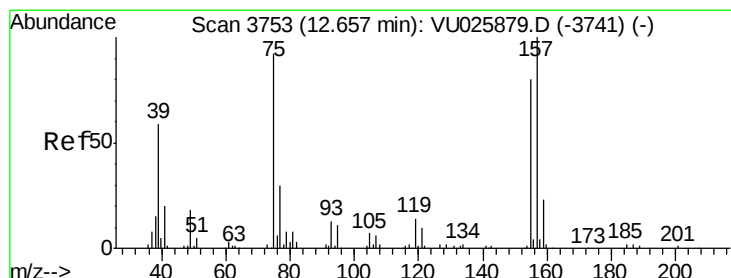
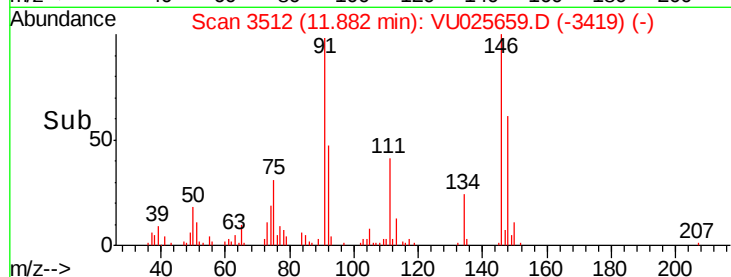
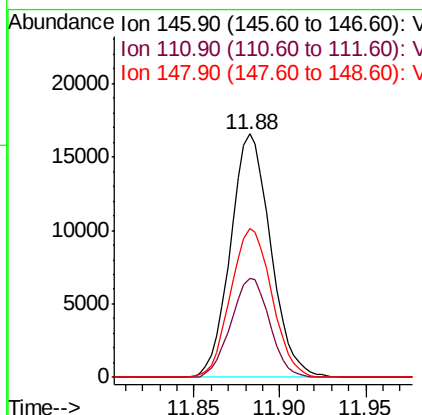
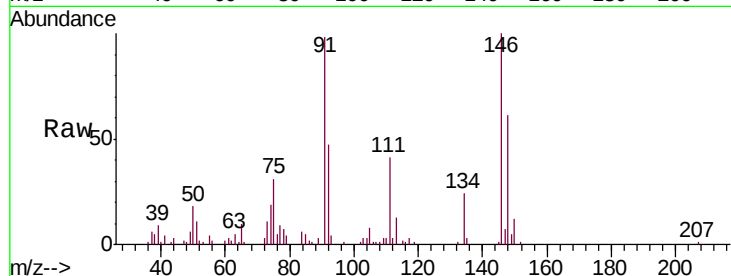




#91
 1,2-Dichlorobenzene
 Concen: 5.226 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

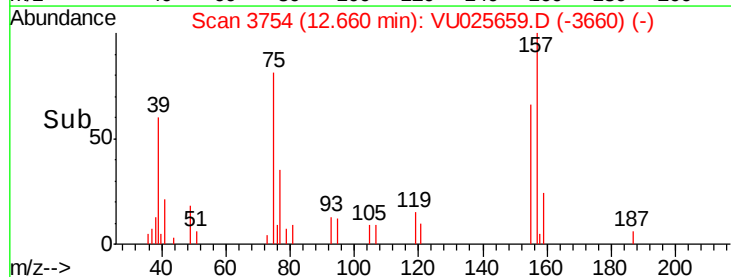
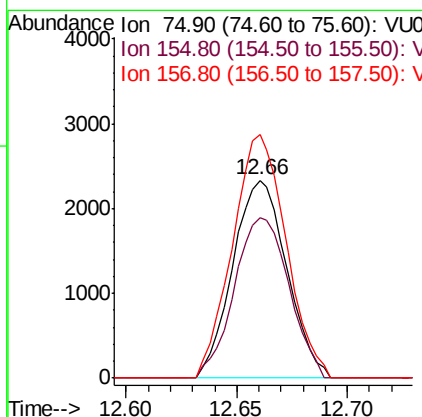
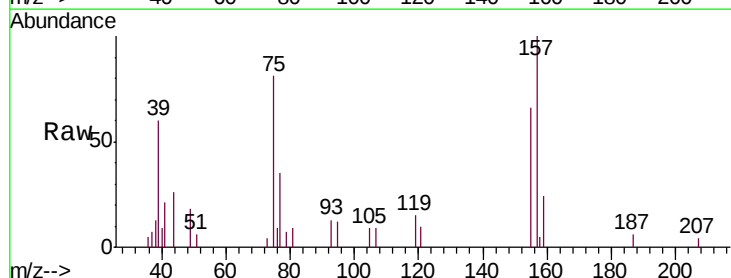
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

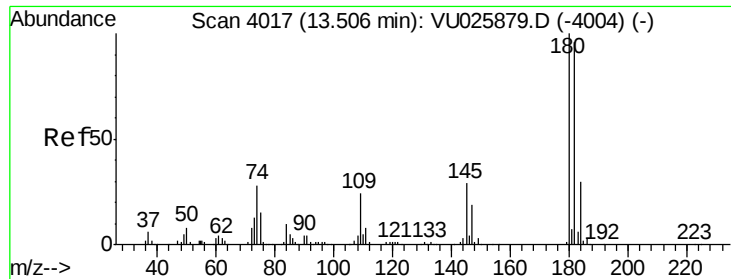
Tgt Ion: 146 Resp: 26969
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.6 61.8
 148 62.9 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.695 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Tgt Ion: 75 Resp: 3958
 Ion Ratio Lower Upper
 75 100
 155 82.4 44.5 133.3
 157 122.5 57.0 170.8

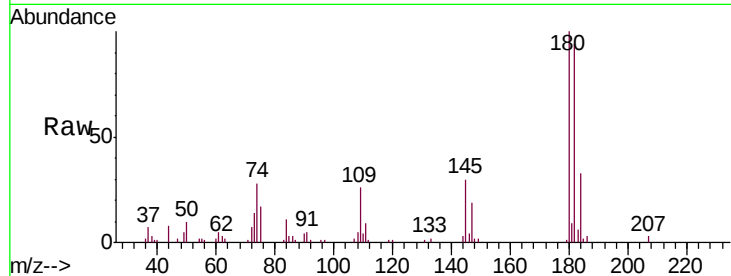




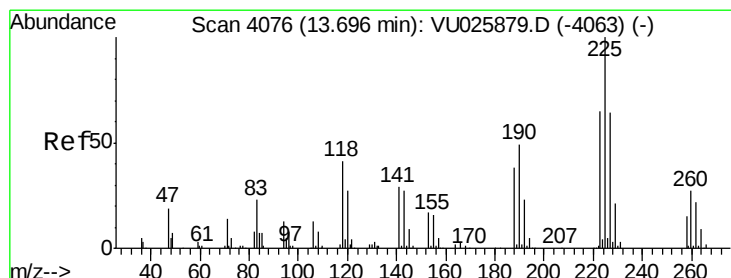
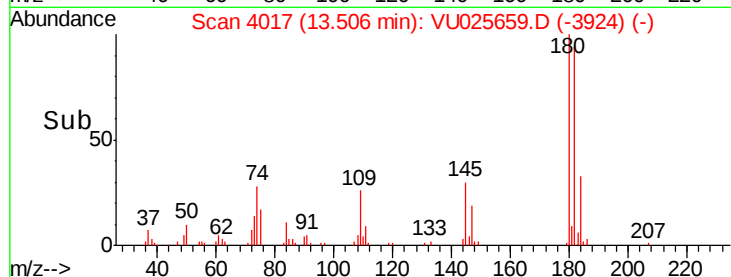
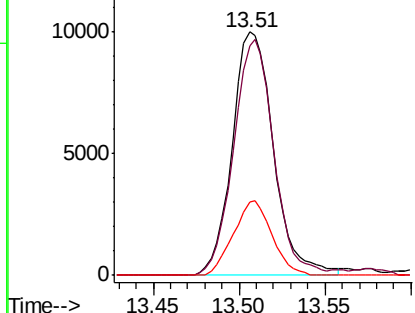
#93
 1,2,4-Trichlorobenzene
 Concen: 4.811 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 16758
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.3 141.9
 145 28.5 14.9 44.7

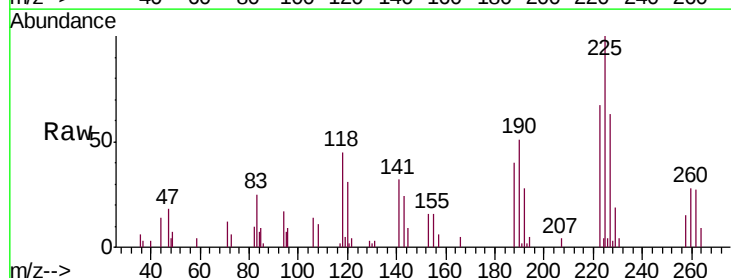


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

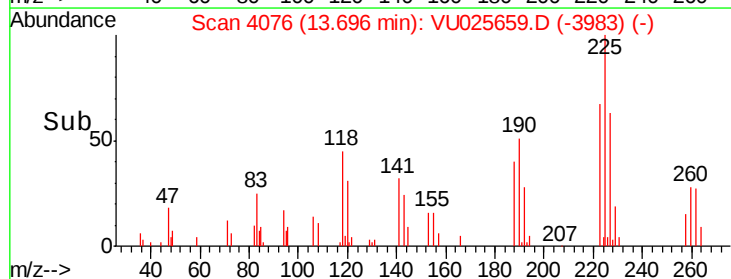
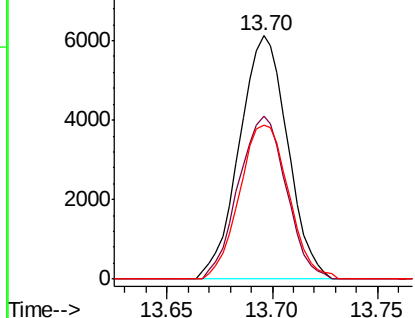


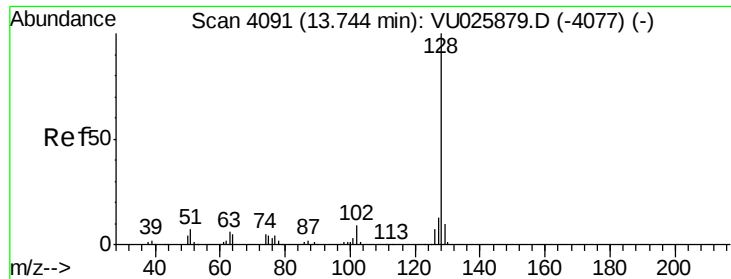
#94
 Hexachlorobutadiene
 Concen: 5.290 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025659.D
 Acq: 27 Jul 2018 10:18

Tgt Ion:225 Resp: 9713
 Ion Ratio Lower Upper
 225 100
 223 66.5 31.9 95.7
 227 64.5 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

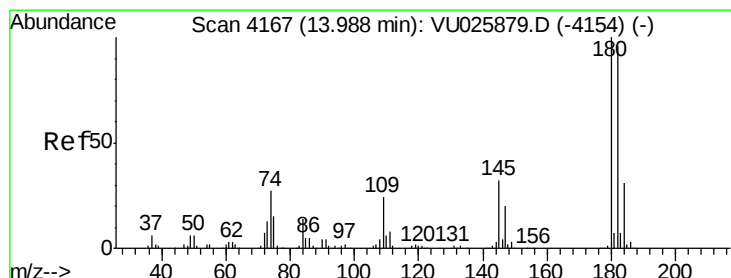
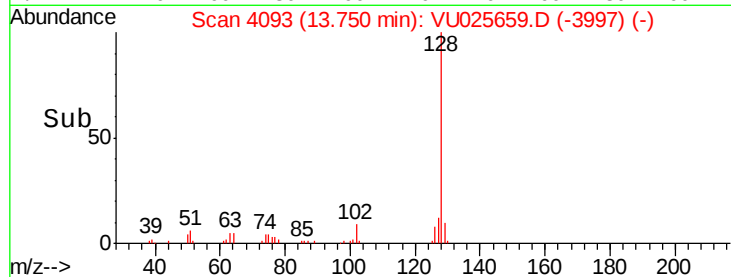
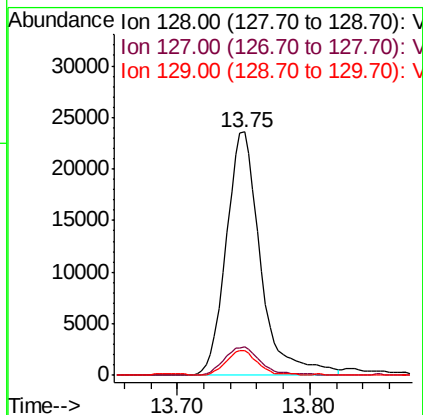
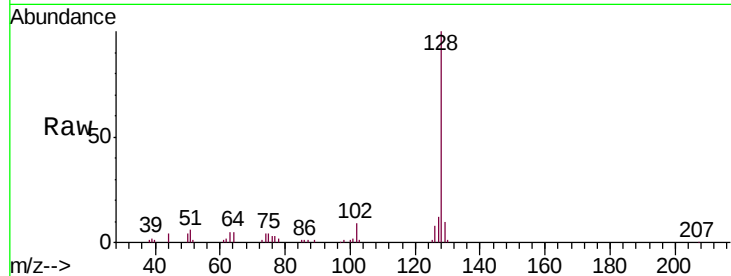




#95
Naphthalene
Concen: 4.963 ug/l
RT: 13.75 min Scan# 4093
Delta R.T. 0.01 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 42603
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 9.1 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 4.749 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025659.D
Acq: 27 Jul 2018 10:18

Tgt Ion:180 Resp: 16499
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 31.1 15.6 46.8

