

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
 Data File : VU025271.D
 Acq On : 09 Jul 2018 13:09
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 10 01:16:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 01:16:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	183330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	277345	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	244076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	119439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.32	65	4350	1.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.06%	
35) Dibromofluoromethane	4.89	113	3093	1.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.64%	
50) Toluene-d8	7.57	98	10907	1.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.72%	
62) 4-Bromofluorobenzene	10.31	95	4654	1.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.88%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	2304	1.214 ug/l	94
3) Chloromethane	1.33	50	3011	1.402 ug/l	97
4) Vinyl Chloride	1.40	62	2244	1.076 ug/l #	85
5) Bromomethane	1.63	94	3011	1.977 ug/l	88
6) Chloroethane	1.70	64	1853	1.275 ug/l	94
7) Trichlorofluoromethane	1.89	101	3917	1.195 ug/l	97
8) Diethyl Ether	2.10	74	1294	1.052 ug/l	55
9) 1,1,2-Trichlorotrifluoroet	2.29	101	2401	1.182 ug/l	96
10) Methyl Iodide	2.42	142	2191	1.116 ug/l #	90
11) Tert butyl alcohol	2.83	59	4454	6.380 ug/l	97
12) 1,1-Dichloroethene	2.29	96	2176	1.171 ug/l	87
13) Acrolein	2.20	56	2861	6.599 ug/l #	79
14) Allyl chloride	2.60	41	3087	0.916 ug/l #	85
15) Acrylonitrile	2.94	53	6523	5.106 ug/l	95
16) Acetone	2.32	43	8589	5.584 ug/l	100
17) Carbon Disulfide	2.48	76	8070	1.402 ug/l	99
18) Methyl Acetate	2.62	43	3816	1.309 ug/l	91
19) Methyl tert-butyl Ether	3.00	73	7321	1.036 ug/l	100
20) Methylene Chloride	2.70	84	3369	1.333 ug/l	88
21) trans-1,2-Dichloroethene	2.99	96	2481	1.168 ug/l	95
22) Diisopropyl ether	3.57	45	7084	1.029 ug/l #	81
23) Vinyl Acetate	3.53	43	32586	5.397 ug/l	97
24) 1,1-Dichloroethane	3.45	63	4458	1.148 ug/l #	93
25) 2-Butanone	4.27	43	10182	5.158 ug/l	94
26) 2,2-Dichloropropane	4.24	77	4032	1.080 ug/l	82
27) cis-1,2-Dichloroethene	4.23	96	3165	1.288 ug/l	99
28) Bromochloromethane	4.55	49	976	0.521 ug/l #	25
29) Tetrahydrofuran	4.65	42	7154	6.041 ug/l	92
30) Chloroform	4.68	83	4757	1.157 ug/l	98
31) Cyclohexane	4.99	56	8089	1.876 ug/l #	49
32) 1,1,1-Trichloroethane	4.92	97	4080	1.095 ug/l #	51
36) 1,1-Dichloropropene	5.15	75	3379	1.096 ug/l	97
37) Ethyl Acetate	4.39	43	3190	0.928 ug/l #	85
38) Carbon Tetrachloride	5.14	117	3319	1.000 ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
 Data File : VU025271.D
 Acq On : 09 Jul 2018 13:09
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 10 01:16:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 01:16:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	4419	1.149	ug/l	98
40) Benzene	5.40	78	9167	1.032	ug/l	95
41) Methacrylonitrile	4.55	41	2175	1.141	ug/l #	84
42) 1,2-Dichloroethane	5.41	62	3728	1.055	ug/l	91
43) Isopropyl Acetate	5.55	43	5947	1.080	ug/l #	80
44) Trichloroethene	6.19	130	3414	1.338	ug/l	97
45) 1,2-Dichloropropane	6.44	63	2572	1.105	ug/l #	75
46) Dibromomethane	6.57	93	1754	1.036	ug/l	95
47) Bromodichloromethane	6.76	83	3103	0.986	ug/l	92
48) Methyl methacrylate	6.63	41	2815	1.025	ug/l	94
49) 1,4-Dioxane	6.62	88	1378	20.861	ug/l	87
51) 4-Methyl-2-Pentanone	7.46	43	18049	5.043	ug/l	99
52) Toluene	7.64	92	5545	0.981	ug/l	89
53) t-1,3-Dichloropropene	7.89	75	3209	0.928	ug/l	94
54) cis-1,3-Dichloropropene	7.28	75	3814	1.037	ug/l	96
55) 1,1,2-Trichloroethane	8.08	97	2214	0.940	ug/l	93
56) Ethyl methacrylate	8.02	69	3505	0.953	ug/l	98
57) 1,3-Dichloropropane	8.25	76	4177	1.069	ug/l	90
58) 2-Chloroethyl Vinyl ether	7.14	63	6610	5.094	ug/l	94
59) 2-Hexanone	8.37	43	14696	5.062	ug/l	99
60) Dibromochloromethane	8.48	129	2214	0.871	ug/l	99
61) 1,2-Dibromoethane	8.60	107	2845	1.129	ug/l	81
64) Tetrachloroethene	8.23	164	2371	1.066	ug/l	91
65) Chlorobenzene	9.12	112	7101	1.165	ug/l	94
66) 1,1,1,2-Tetrachloroethane	9.22	131	2382	1.092	ug/l #	67
67) Ethyl Benzene	9.26	91	11473	1.104	ug/l	100
68) m/p-Xylenes	9.38	106	7848	1.953	ug/l	84
69) o-Xylene	9.79	106	4248	1.056	ug/l	98
70) Styrene	9.80	104	6273	0.982	ug/l	95
71) Bromoform	9.96	173	1805	0.957	ug/l #	93
73) Isopropylbenzene	10.17	105	10406	1.140	ug/l	100
74) N-amyl acetate	10.02	43	4268	1.077	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	3618	1.212	ug/l	95
76) 1,2,3-Trichloropropane	10.50	75	4464	1.657	ug/l	85
77) Bromobenzene	10.46	156	2904	1.244	ug/l	96
78) n-propylbenzene	10.59	91	12206	1.205	ug/l	96
79) 2-Chlorotoluene	10.67	91	8154	1.287	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	9041	1.177	ug/l	93
81) trans-1,4-Dichloro-2-buten	10.50	75	4464	4.549	ug/l #	100
82) 4-Chlorotoluene	10.78	91	9078	1.266	ug/l	92
83) tert-Butylbenzene	11.10	119	9182	1.183	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	8818	1.120	ug/l	95
85) sec-Butylbenzene	11.33	105	9626	1.054	ug/l	94
86) p-Isopropyltoluene	11.48	119	8520	1.053	ug/l	93
87) 1,3-Dichlorobenzene	11.42	146	4886	1.145	ug/l	96
88) 1,4-Dichlorobenzene	11.42	146	4886	1.115	ug/l	94
89) n-Butylbenzene	11.90	91	7083	1.065	ug/l	99
90) Hexachloroethane	12.15	117	1362	0.994	ug/l	96
91) 1,2-Dichlorobenzene	11.89	146	5317	1.234	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.66	75	792	1.094	ug/l	89

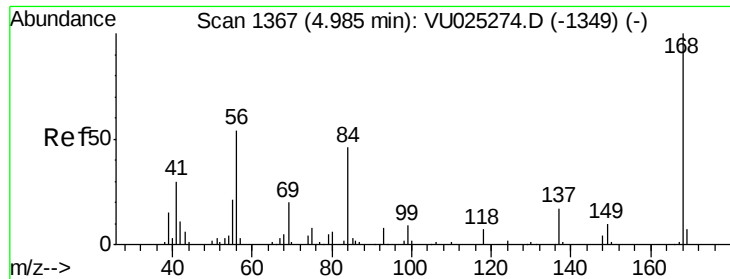
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
Data File : VU025271.D
Acq On : 09 Jul 2018 13:09
Operator : MD/SY
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Quant Time: Jul 10 01:16:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 01:16:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	3209	1.137	ug/l	95
94) Hexachlorobutadiene	13.69	225	1533	0.995	ug/l	89
95) Naphthalene	13.75	128	14033	1.445	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	3633	1.193	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

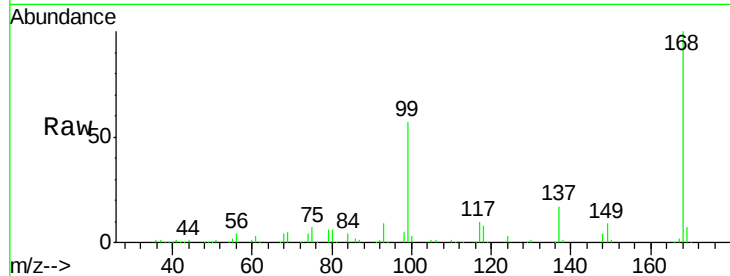
VSTDIC001

Tgt Ion:168 Resp: 183330

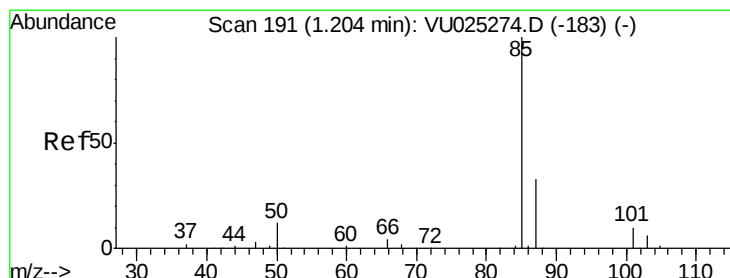
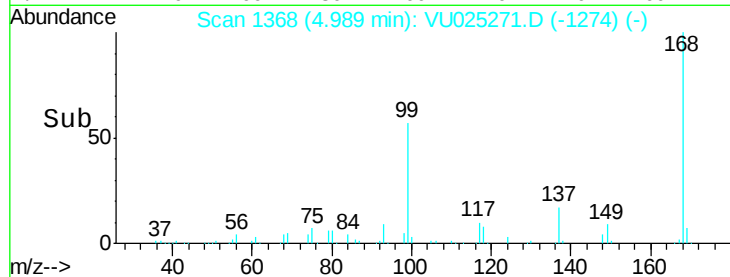
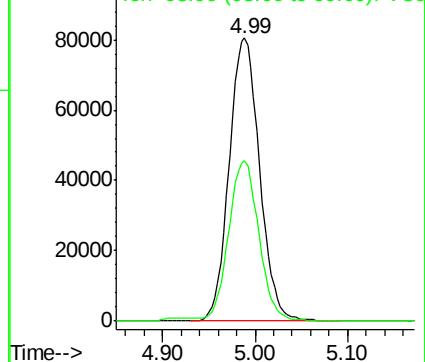
Ion Ratio Lower Upper

168 100

99 56.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025271.D (-1274) (-)



#2

Dichlorodifluoromethane

Concen: 1.214 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025271.D

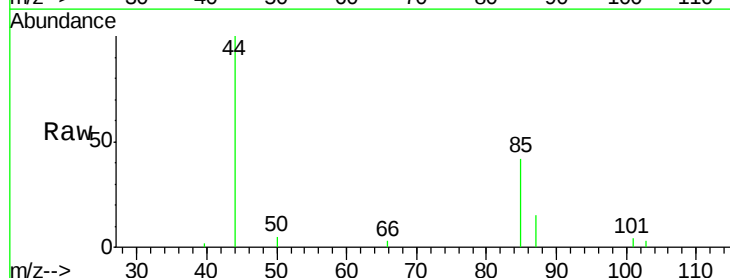
Acq: 09 Jul 2018 13:09

Tgt Ion: 85 Resp: 2304

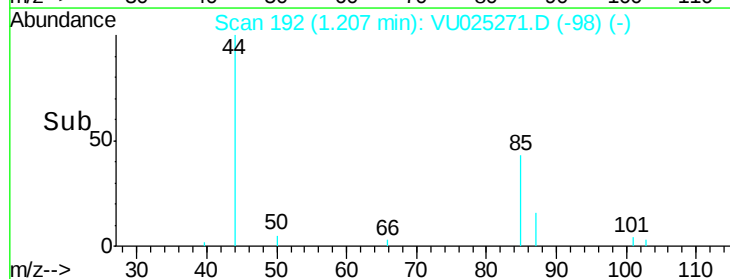
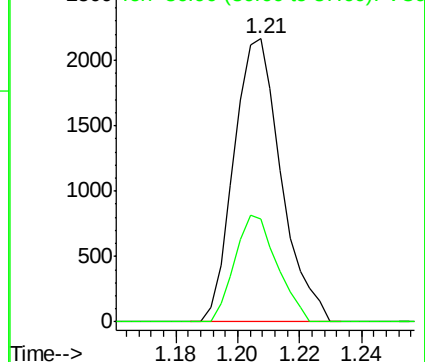
Ion Ratio Lower Upper

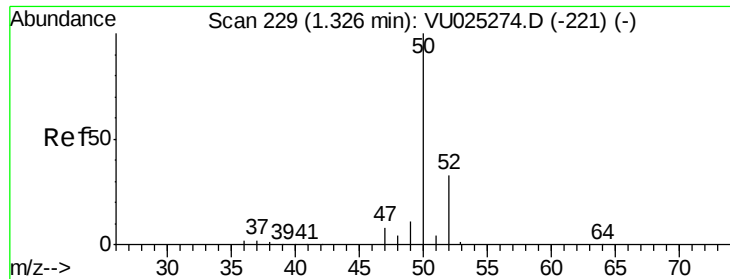
85 100

87 36.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025271.D (-98) (-)





#3

Chloromethane

Concen: 1.402 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

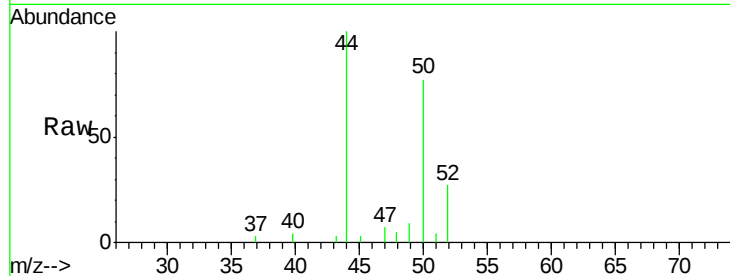
VSTDIC001

Tgt Ion: 50 Resp: 3011

Ion Ratio Lower Upper

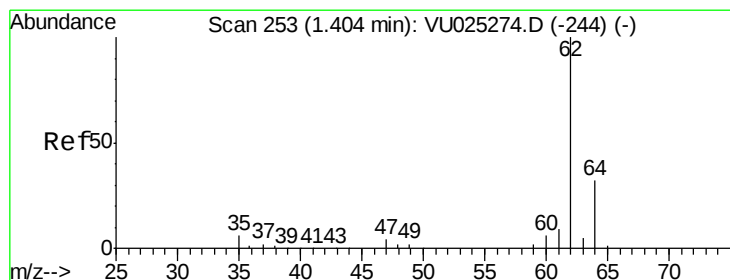
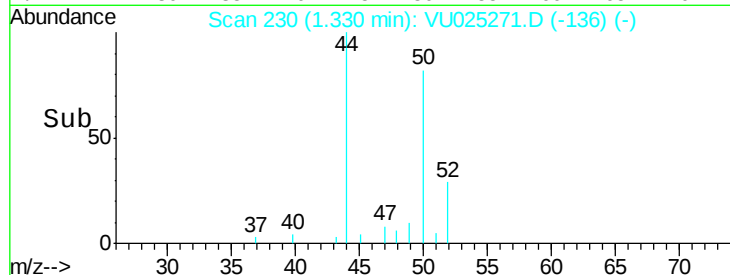
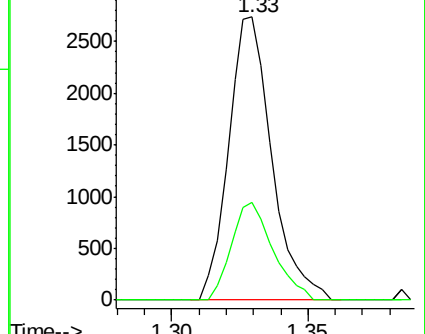
50 100

52 34.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 1.076 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025271.D

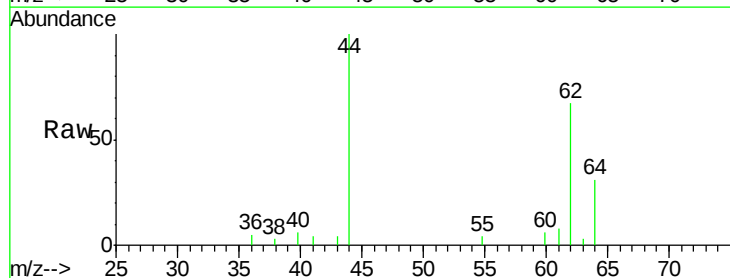
Acq: 09 Jul 2018 13:09

Tgt Ion: 62 Resp: 2244

Ion Ratio Lower Upper

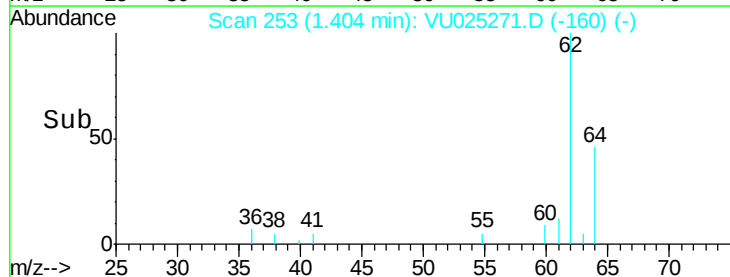
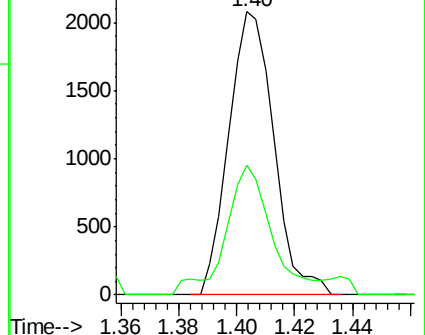
62 100

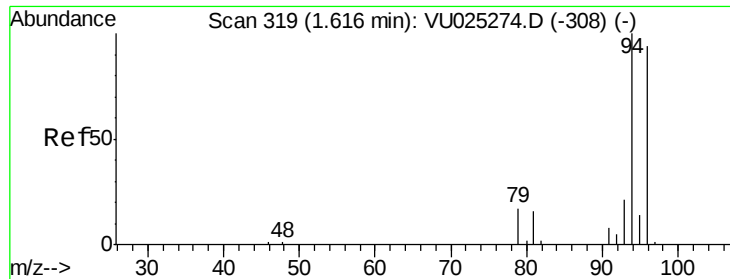
64 40.2 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 1.977 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

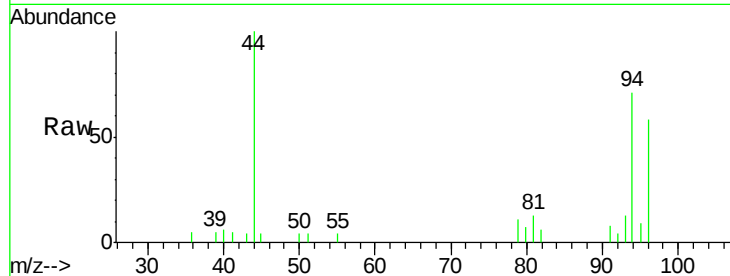
VSTDIC001

Tgt Ion: 94 Resp: 3011

Ion Ratio Lower Upper

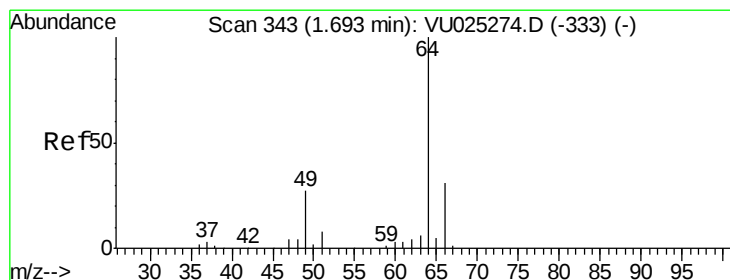
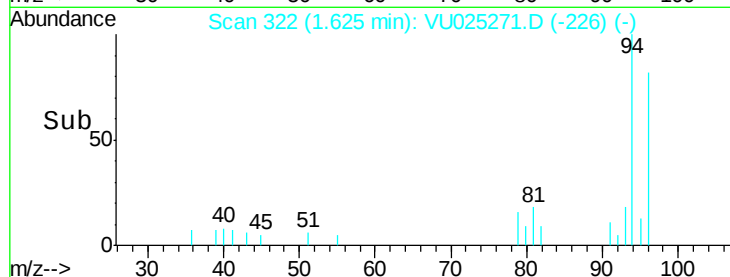
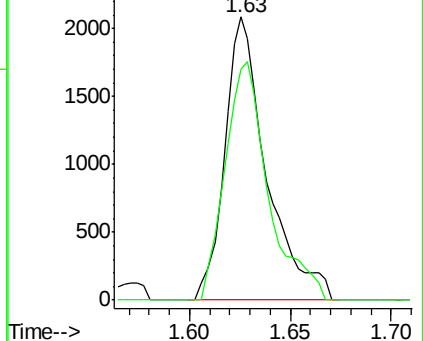
94 100

96 81.7 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: 1.275 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025271.D

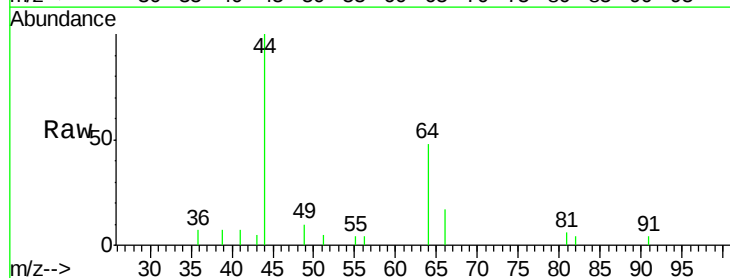
Acq: 09 Jul 2018 13:09

Tgt Ion: 64 Resp: 1853

Ion Ratio Lower Upper

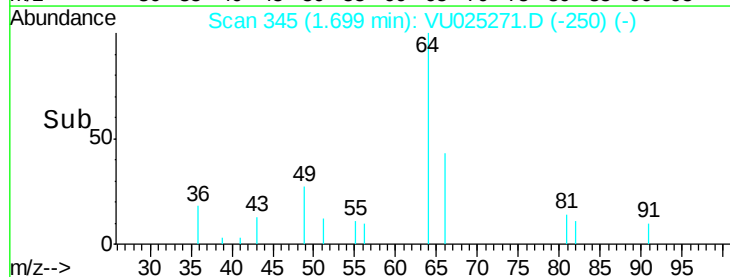
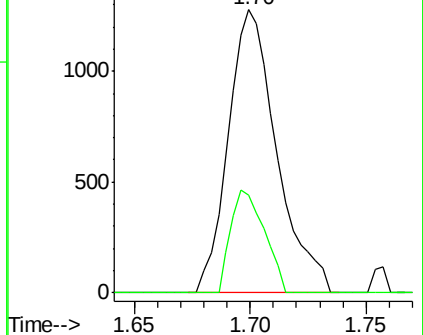
64 100

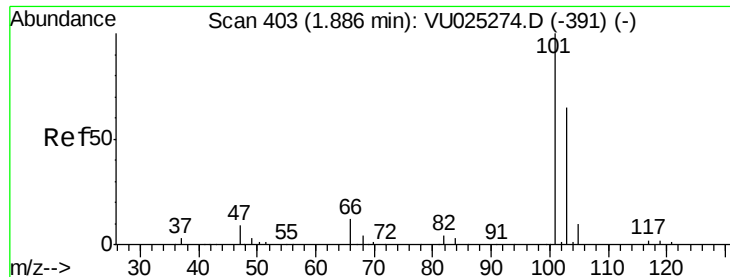
66 34.5 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 1.195 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

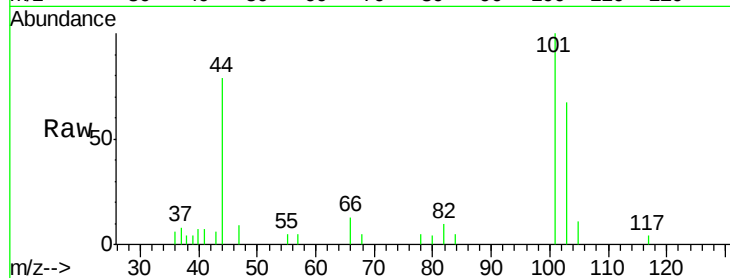
VSTDIC001

Tgt Ion:101 Resp: 3917

Ion Ratio Lower Upper

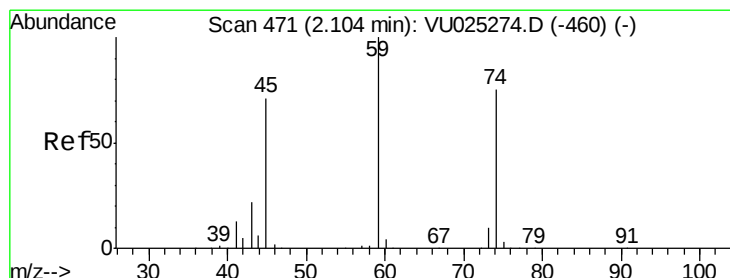
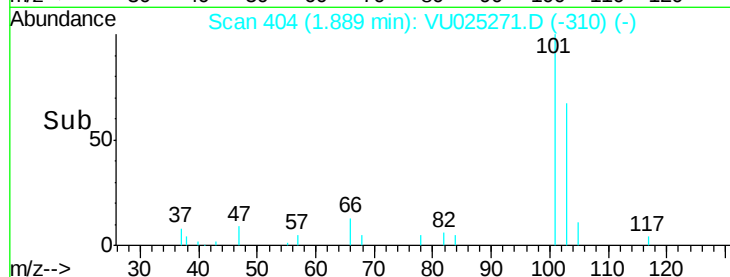
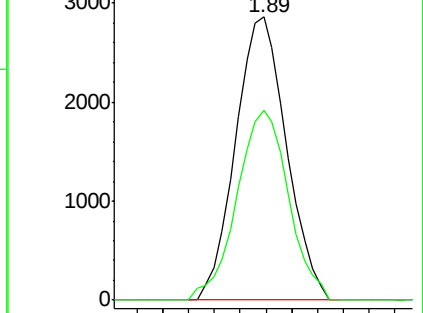
101 100

103 67.2 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.052 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025271.D

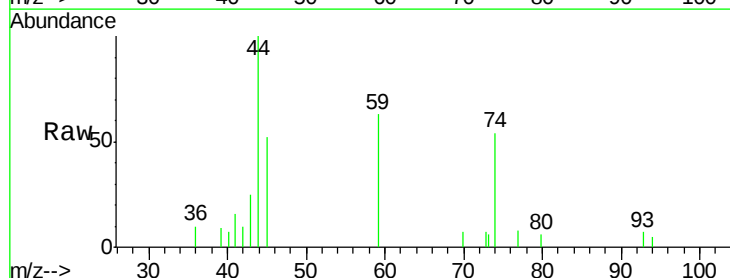
Acq: 09 Jul 2018 13:09

Tgt Ion: 74 Resp: 1294

Ion Ratio Lower Upper

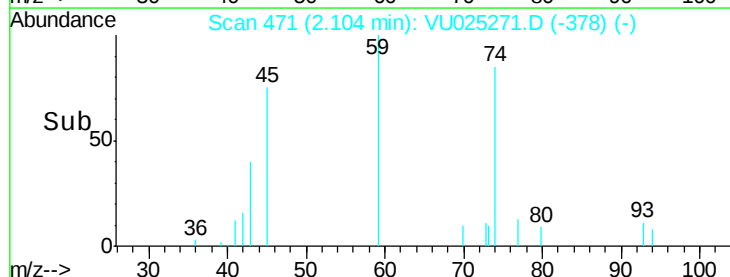
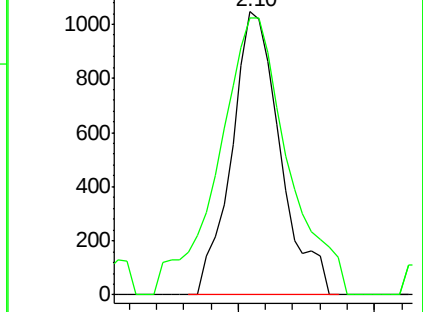
74 100

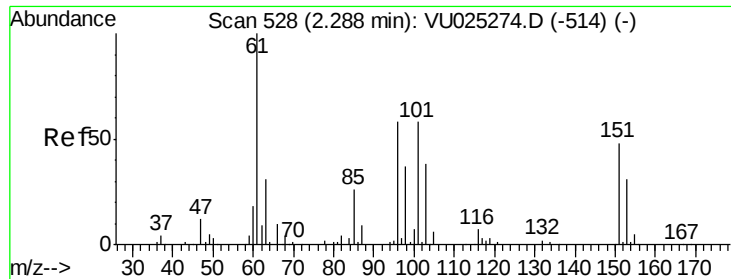
45 140.3 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.182 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

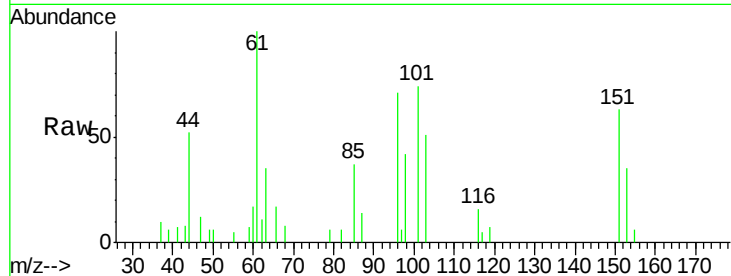
Tgt Ion:101 Resp: 2401

Ion Ratio Lower Upper

101 100

85 48.4 36.0 54.0

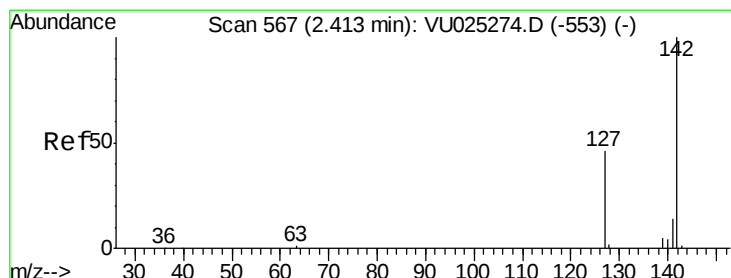
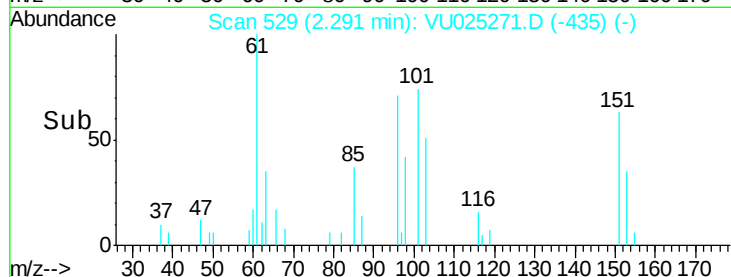
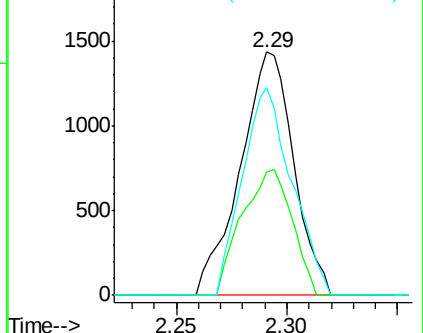
151 79.5 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.116 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

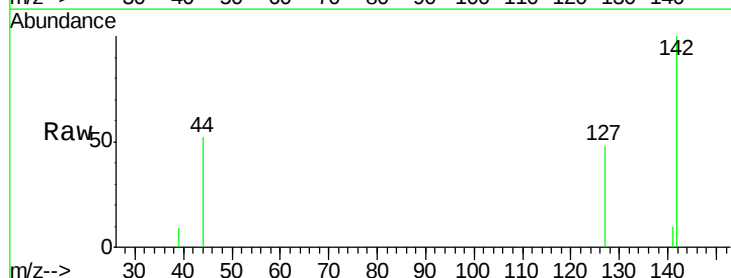
Tgt Ion:142 Resp: 2191

Ion Ratio Lower Upper

142 100

127 51.3 36.5 54.7

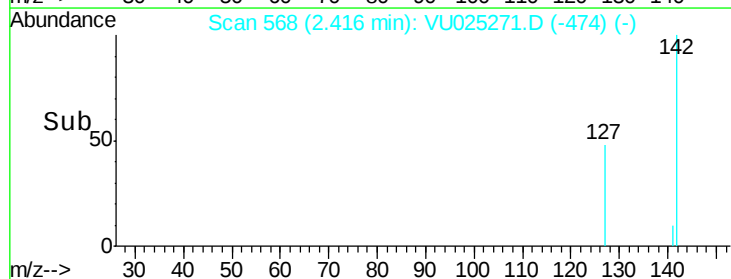
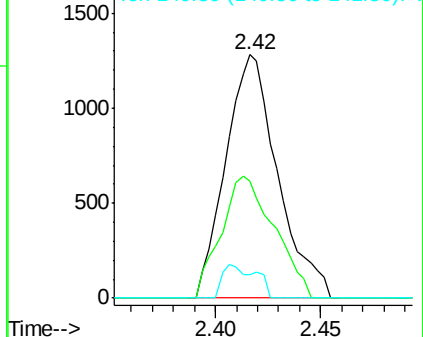
141 8.7 11.4 17.2#

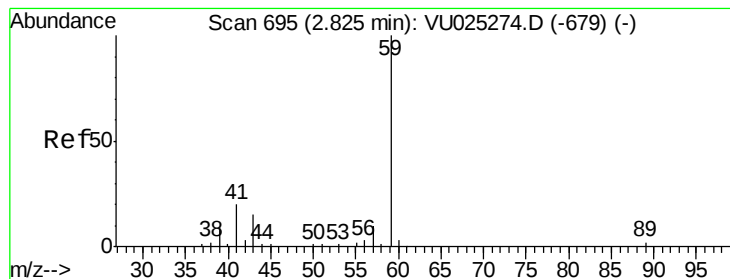


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



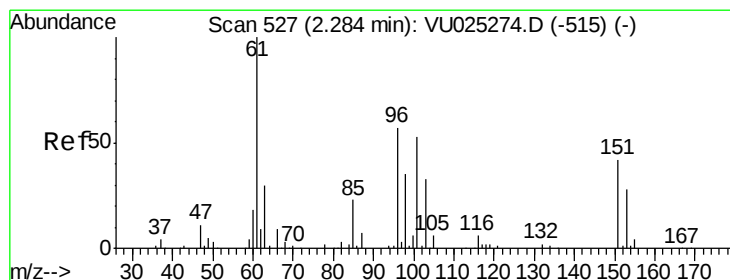
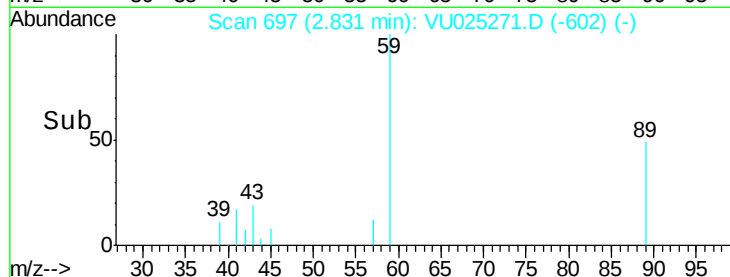
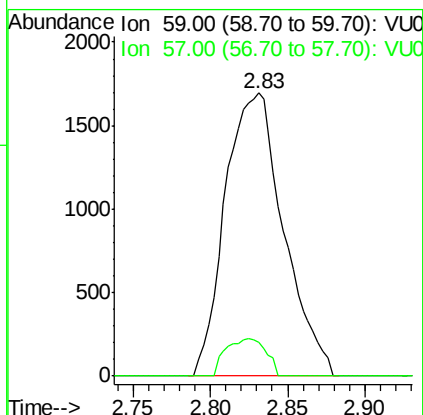
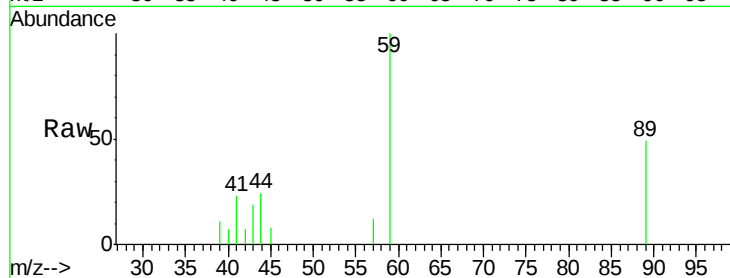


#11

Tert butyl alcohol
 Concen: 6.380 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

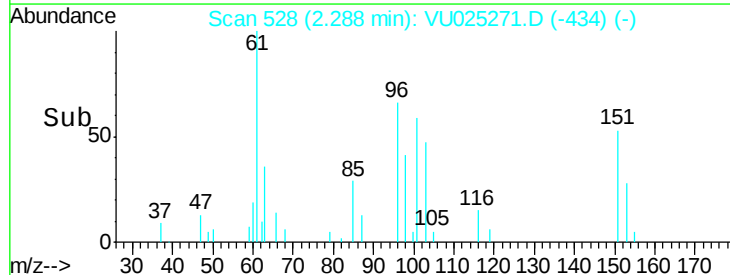
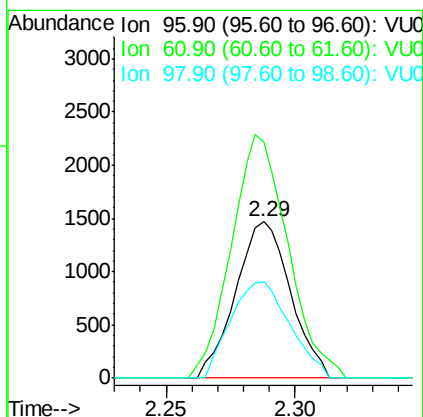
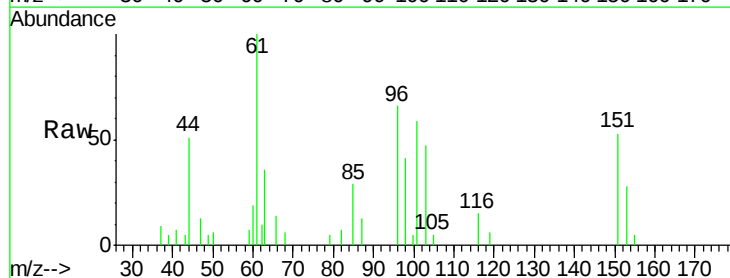
Tgt Ion: 59 Resp: 4454
 Ion Ratio Lower Upper
 59 100
 57 9.1 8.2 12.2

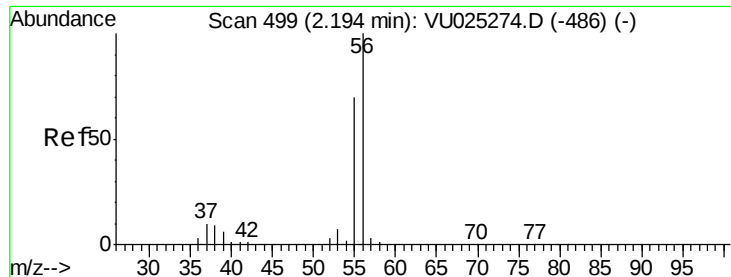


#12

1,1-Dichloroethene
 Concen: 1.171 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Tgt Ion: 96 Resp: 2176
 Ion Ratio Lower Upper
 96 100
 61 150.7 140.2 210.4
 98 61.6 49.3 73.9





#13

Acrolein

Concen: 6.599 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

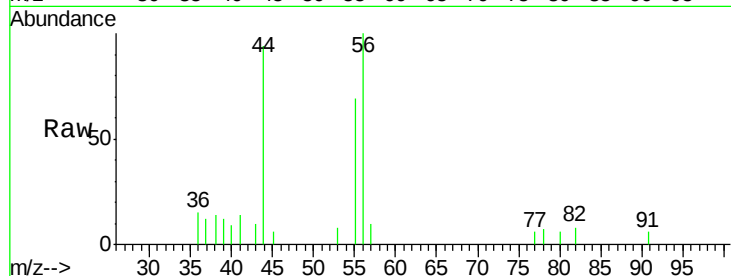
VSTDIC001

Tgt Ion: 56 Resp: 2861

Ion Ratio Lower Upper

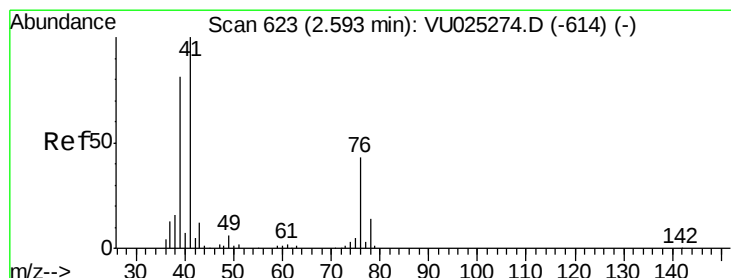
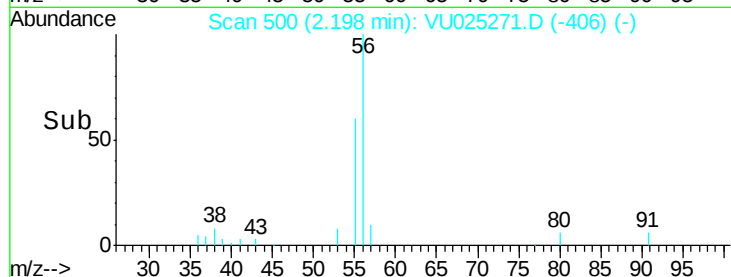
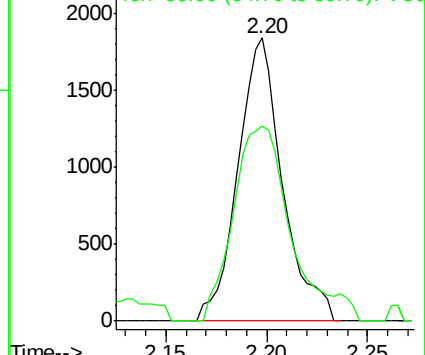
56 100

55 88.9 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 0.916 ug/l

RT: 2.60 min Scan# 625

Delta R.T. 0.01 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

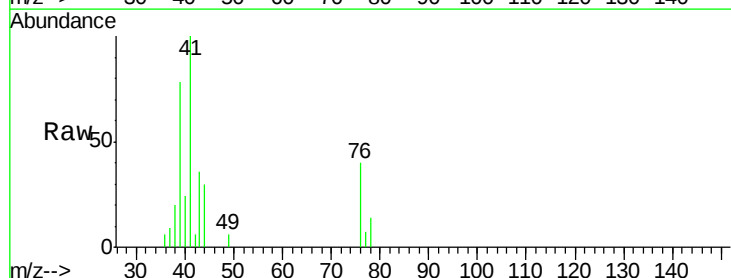
Tgt Ion: 41 Resp: 3087

Ion Ratio Lower Upper

41 100

39 92.7 60.6 91.0#

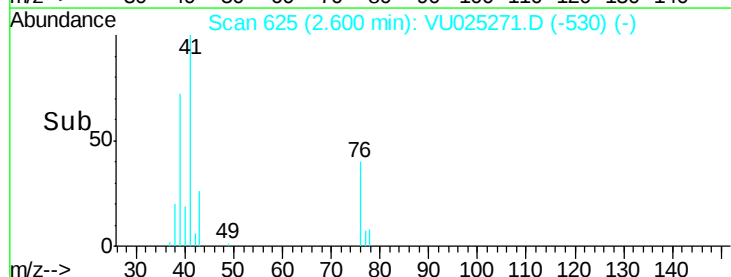
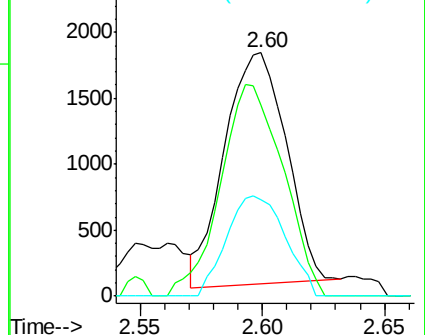
76 41.1 30.5 45.7

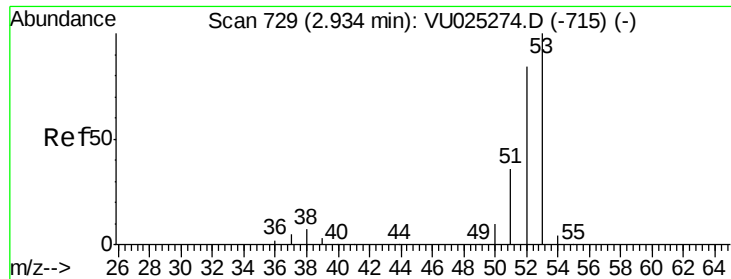


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

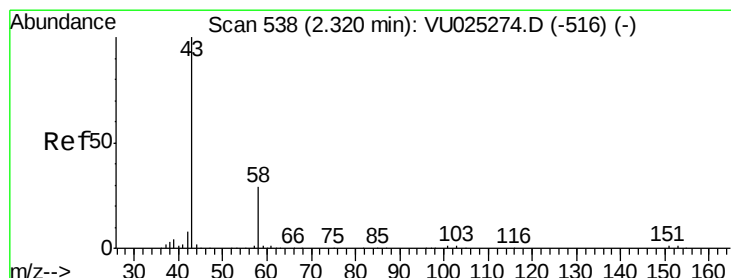
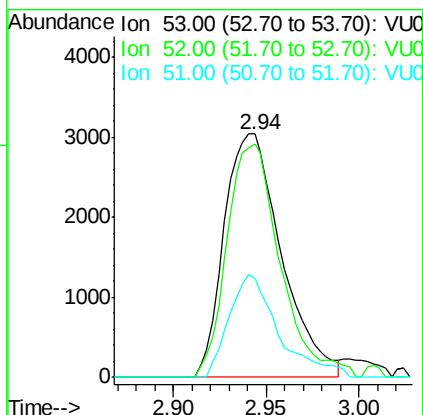
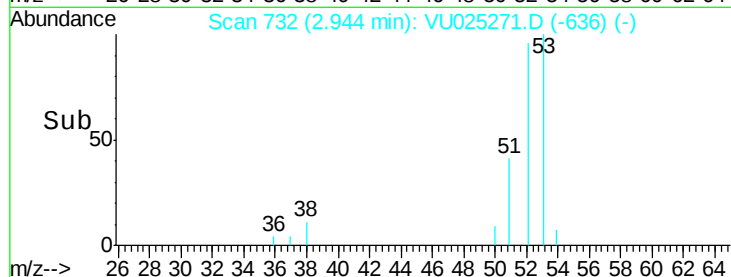
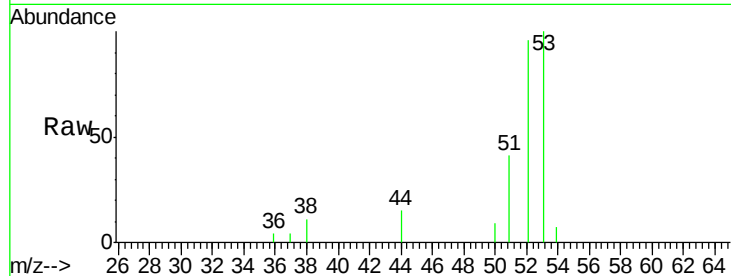




#15
Acrylonitrile
Concen: 5.106 ug/l
RT: 2.94 min Scan# 732
Delta R.T. 0.01 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

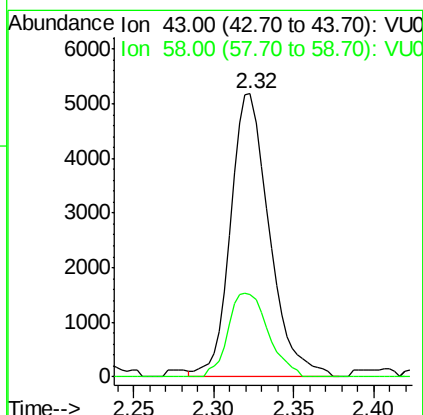
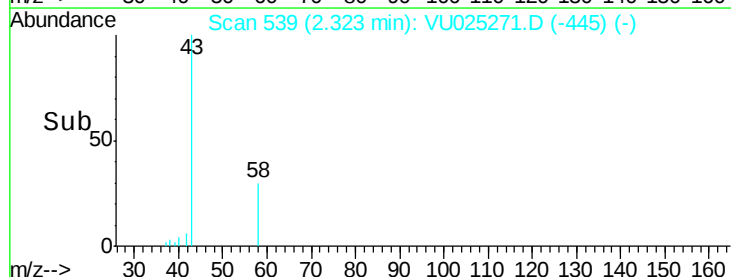
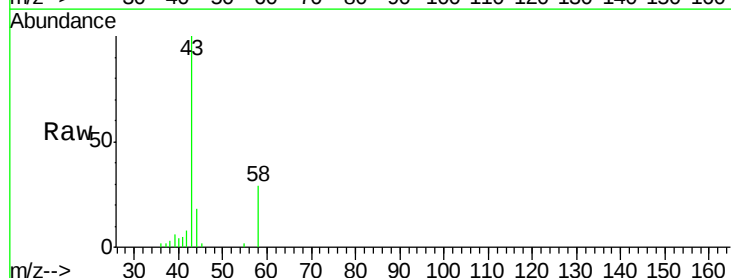
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

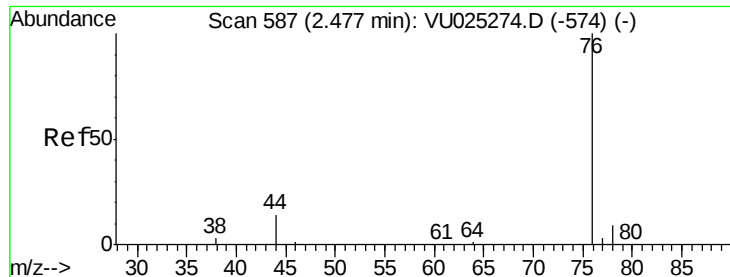
Tgt Ion: 53 Resp: 6523
Ion Ratio Lower Upper
53 100
52 89.1 66.6 99.8
51 36.6 29.4 44.2



#16
Acetone
Concen: 5.584 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 43 Resp: 8589
Ion Ratio Lower Upper
43 100
58 29.2 23.1 34.7

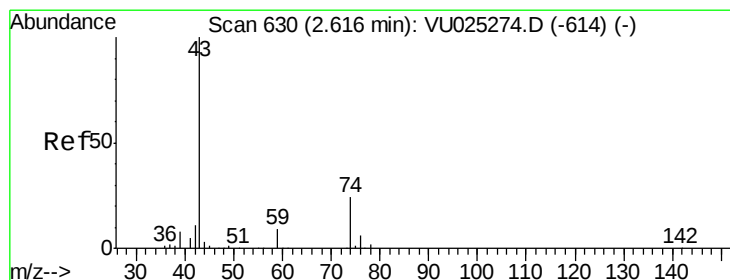
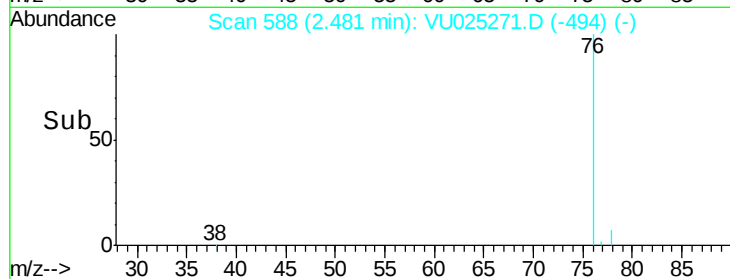
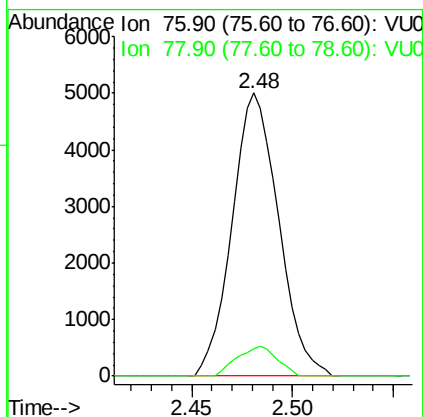
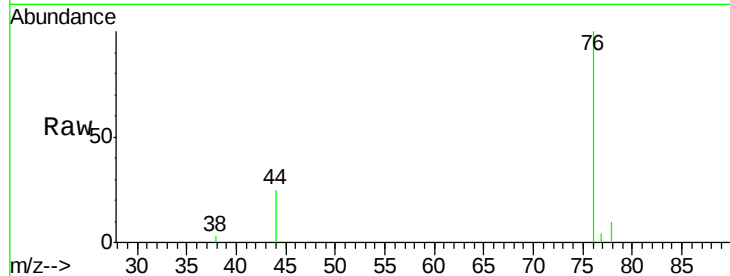




#17
Carbon Disulfide
Concen: 1.402 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

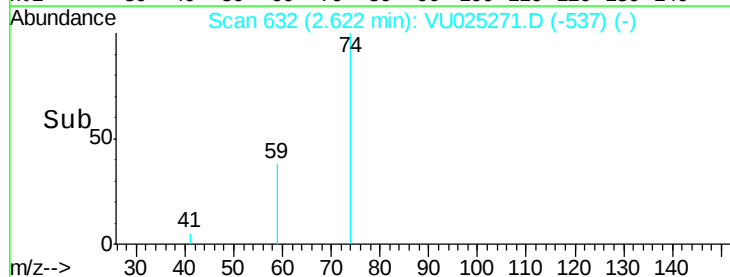
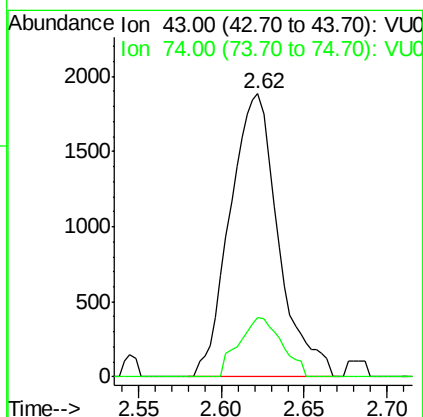
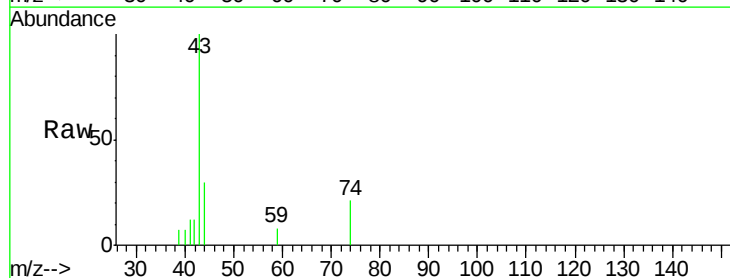
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

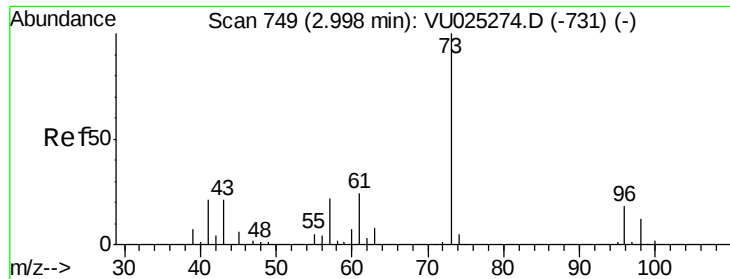
Tgt Ion: 76 Resp: 8070
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



#18
Methyl Acetate
Concen: 1.309 ug/l
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 43 Resp: 3816
Ion Ratio Lower Upper
43 100
74 18.5 18.5 27.7

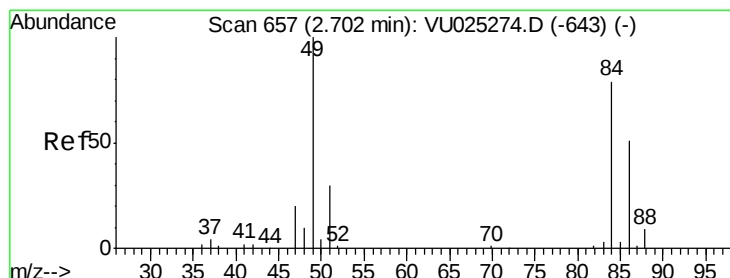
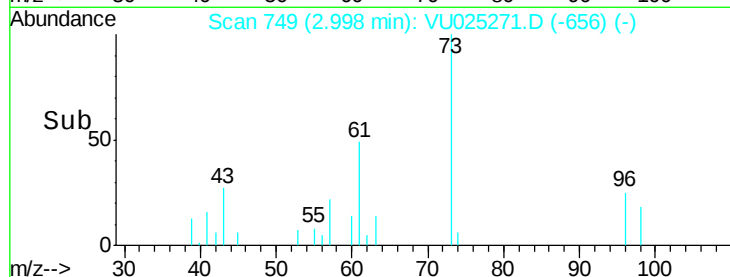
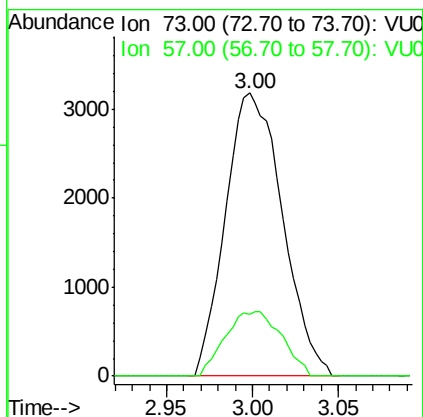
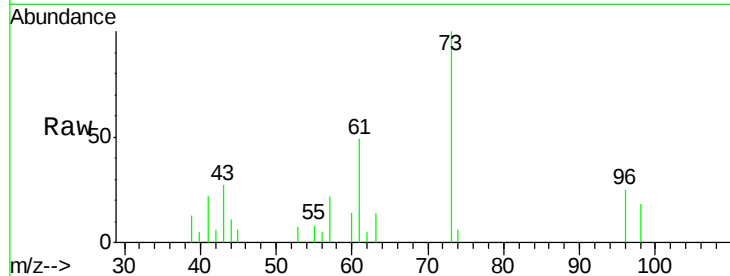




#19
Methyl tert-butyl Ether
Concen: 1.036 ug/l
RT: 3.00 min Scan# 749
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

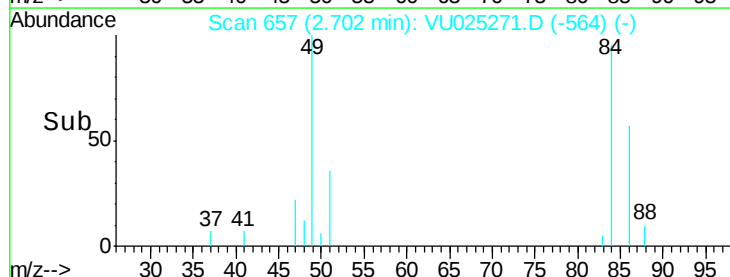
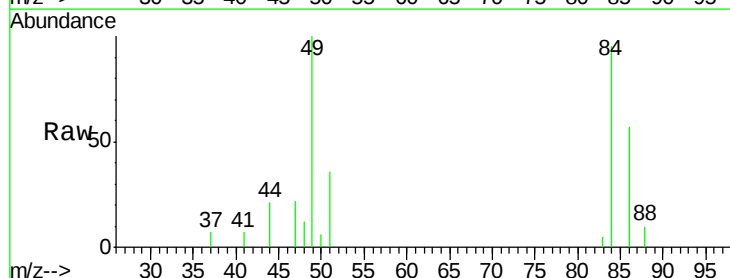
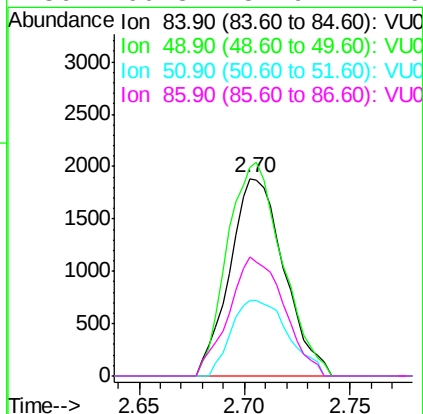
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

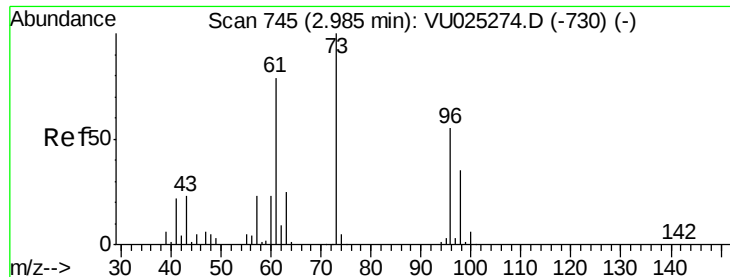
Tgt Ion: 73 Resp: 7321
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.2



#20
Methylene Chloride
Concen: 1.333 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 84 Resp: 3369
Ion Ratio Lower Upper
84 100
49 105.8 101.8 152.6
51 38.3 30.8 46.2
86 60.3 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 1.168 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

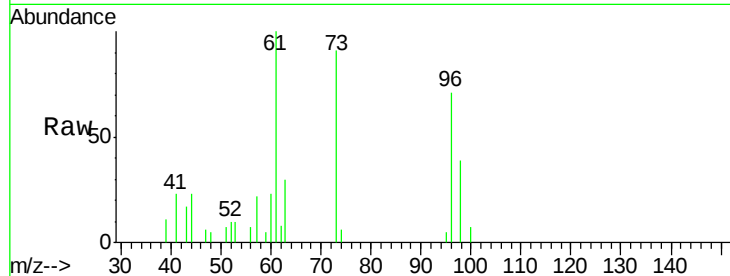
Tgt Ion: 96 Resp: 2481

Ion Ratio Lower Upper

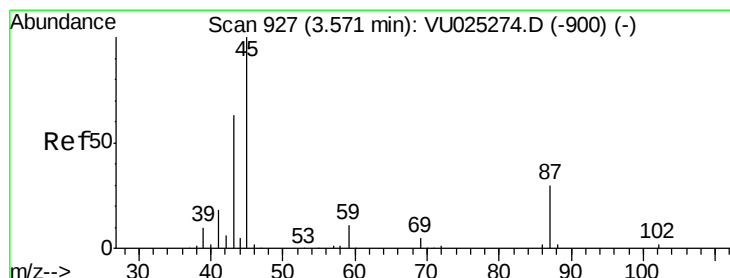
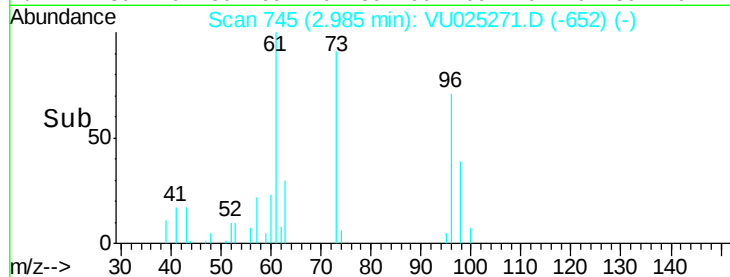
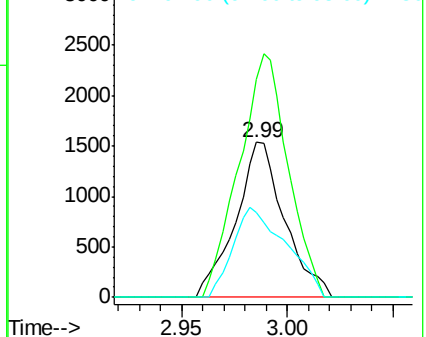
96 100

61 140.1 114.5 171.7

98 54.6 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 1.029 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Tgt Ion: 45 Resp: 7084

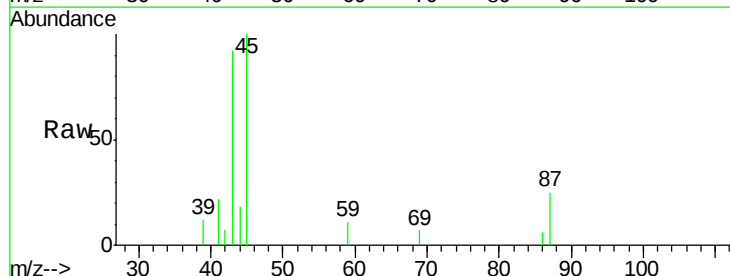
Ion Ratio Lower Upper

45 100

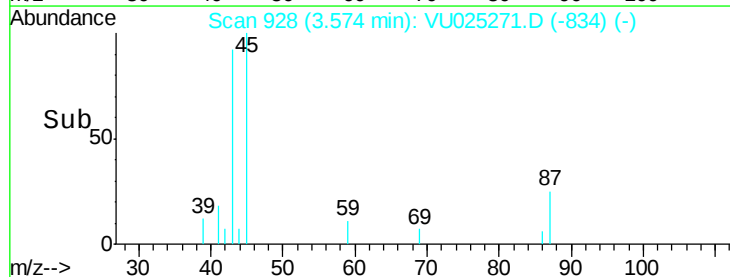
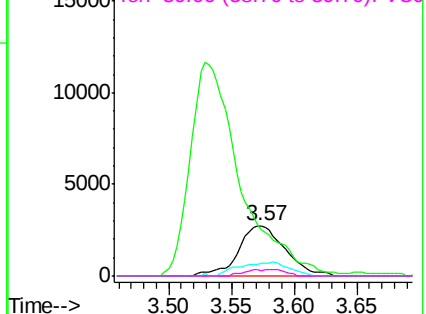
43 85.2 50.9 76.3#

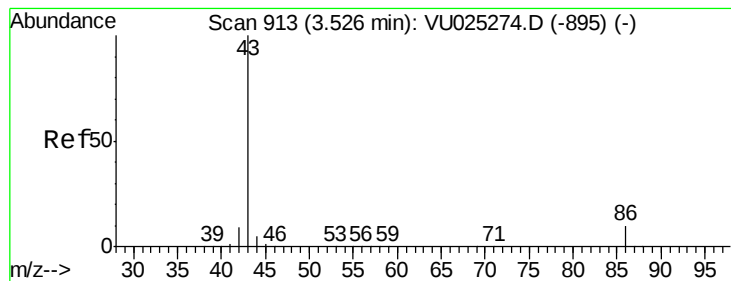
87 25.3 23.8 35.8

59 11.1 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 5.397 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

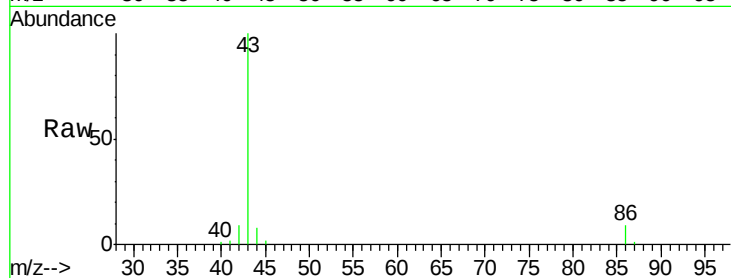
VSTDIC001

Tgt Ion: 43 Resp: 32586

Ion Ratio Lower Upper

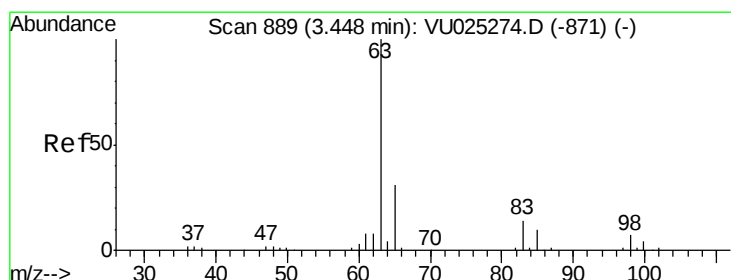
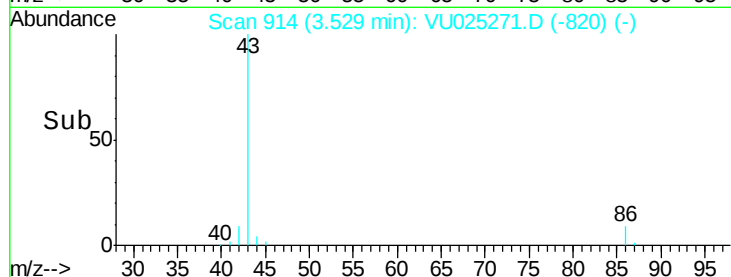
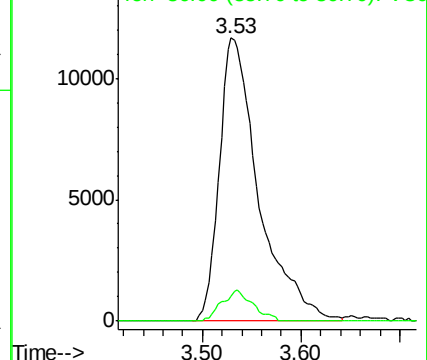
43 100

86 9.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 1.148 ug/l

RT: 3.45 min Scan# 888

Delta R.T. -0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

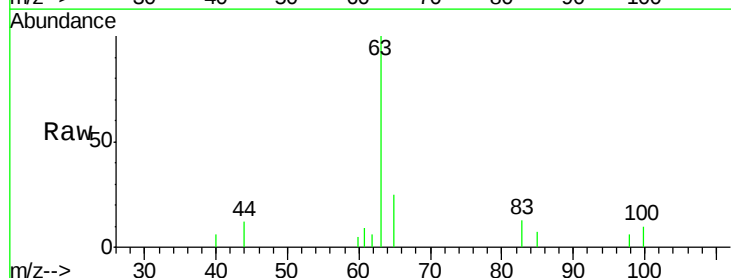
Tgt Ion: 63 Resp: 4458

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

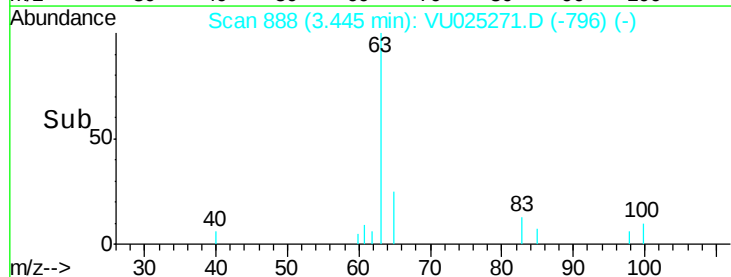
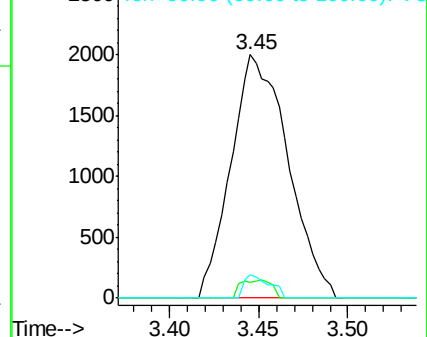
100 9.6 2.0 6.0#

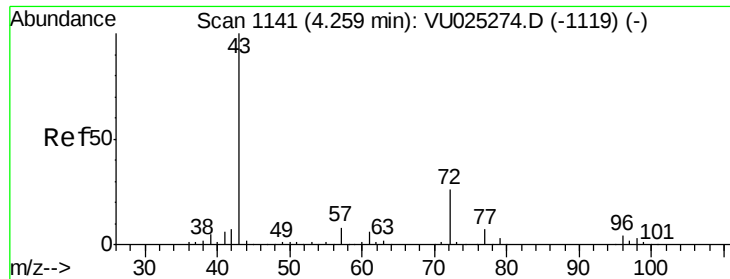


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 5.158 ug/l

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

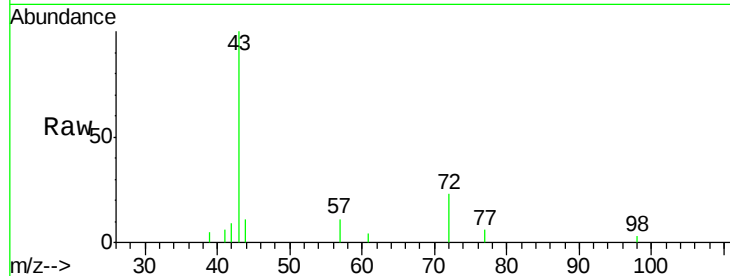
VSTDIC001

Tgt Ion: 43 Resp: 10182

Ion Ratio Lower Upper

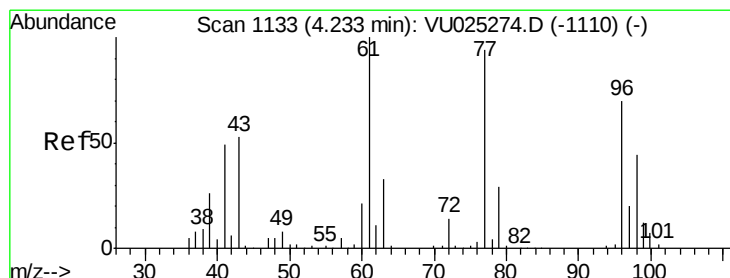
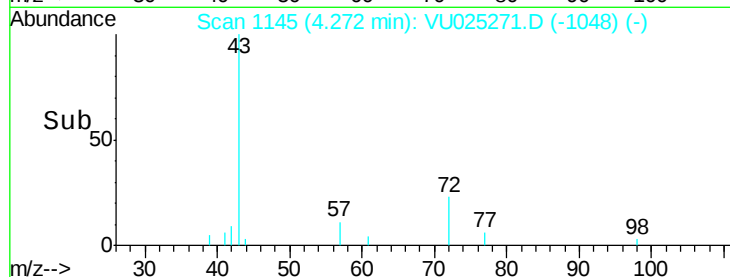
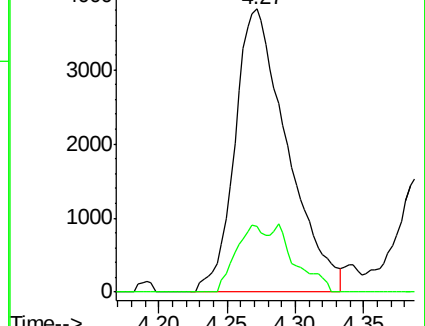
43 100

72 23.1 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 1.080 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU025271.D

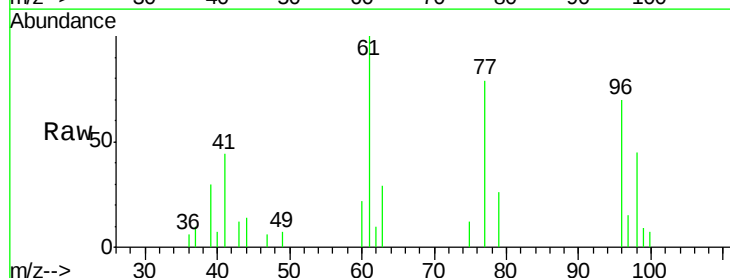
Acq: 09 Jul 2018 13:09

Tgt Ion: 77 Resp: 4032

Ion Ratio Lower Upper

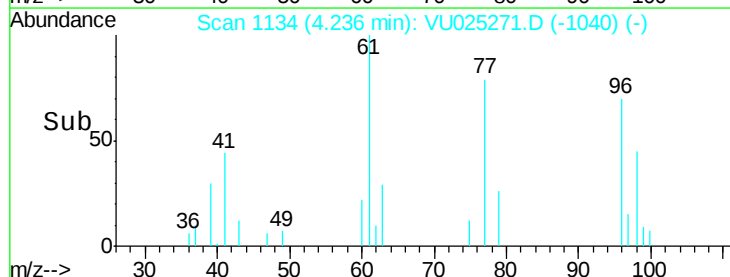
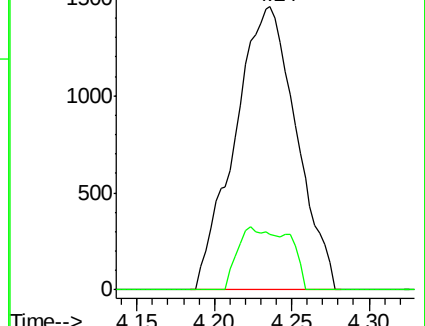
77 100

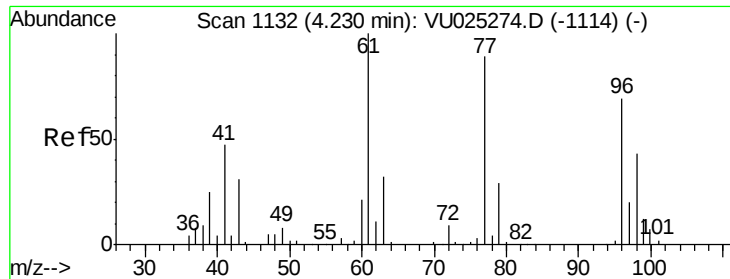
97 13.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

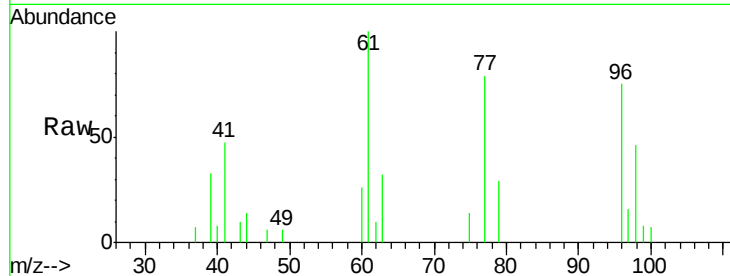




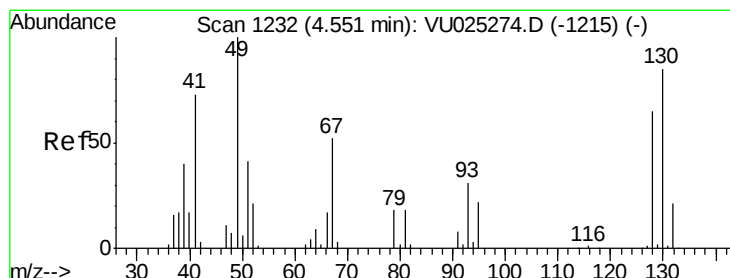
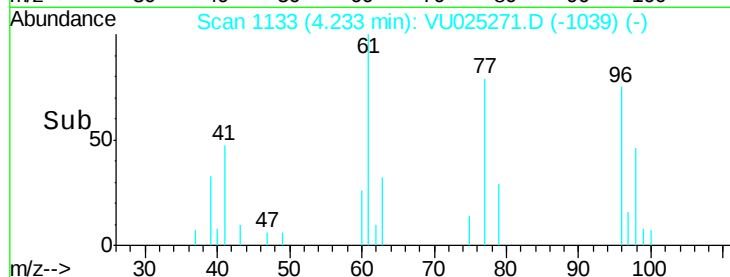
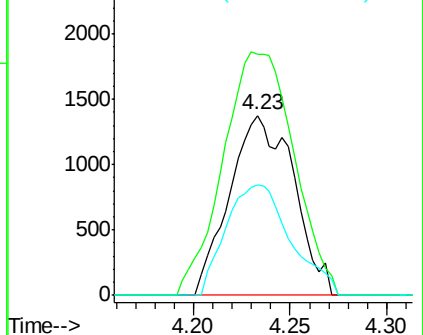
#27
 cis-1,2-Dichloroethene
 Concen: 1.288 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 3165
 Ion Ratio Lower Upper
 96 100
 61 149.5 0.0 299.8
 98 62.1 0.0 128.6

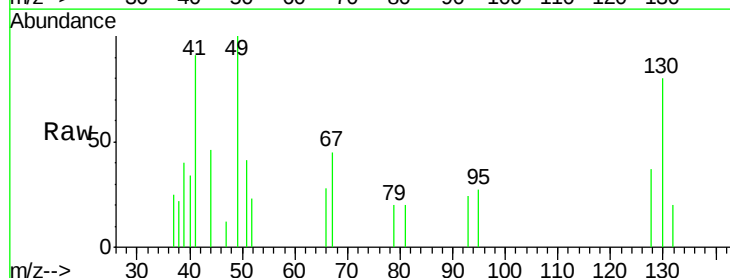


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

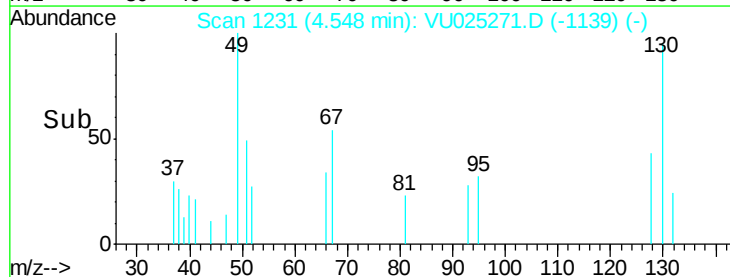
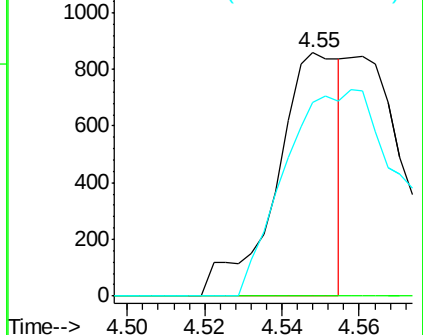


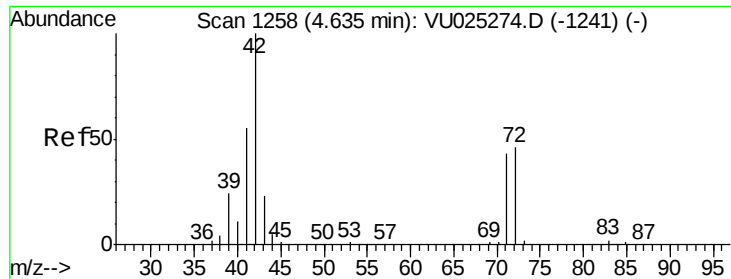
#28
 Bromochloromethane
 Concen: 0.521 ug/l
 RT: 4.55 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Tgt Ion: 49 Resp: 976
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 156.3 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

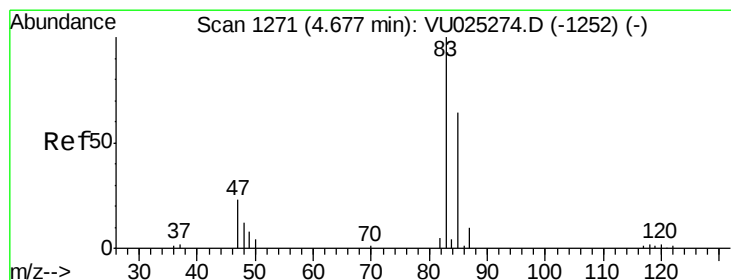
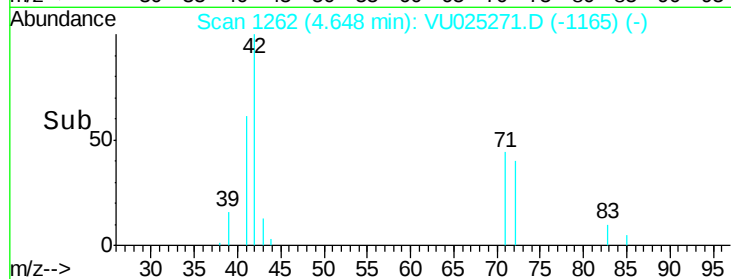
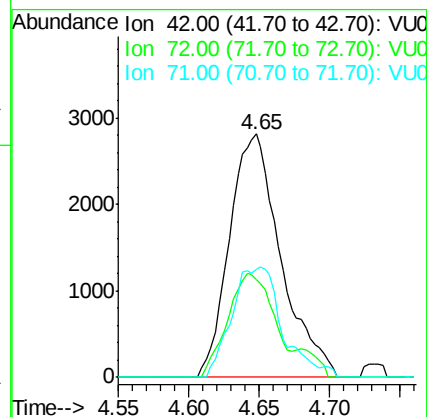
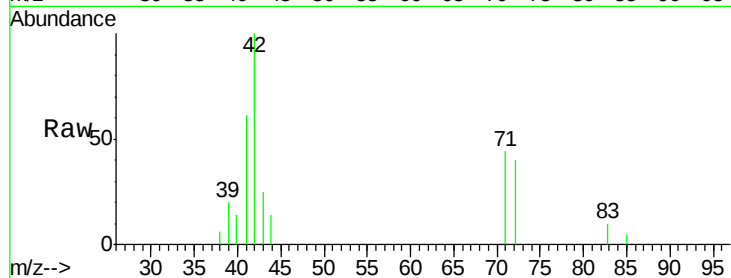




#29
Tetrahydrofuran
Concen: 6.041 ug/l
RT: 4.65 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

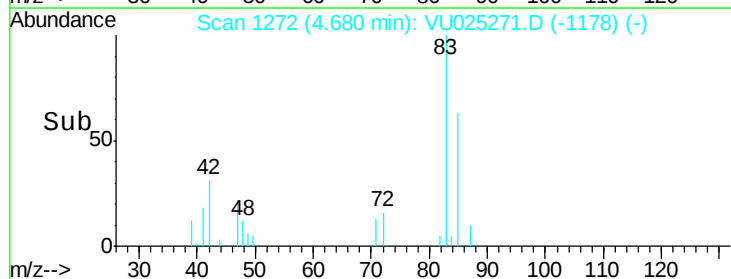
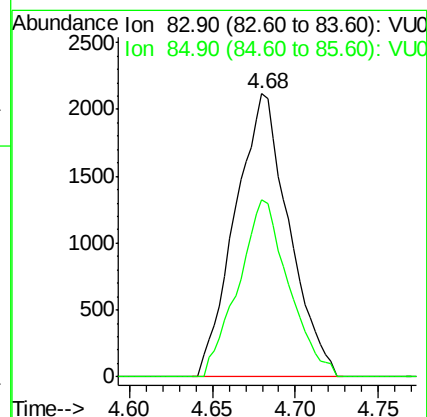
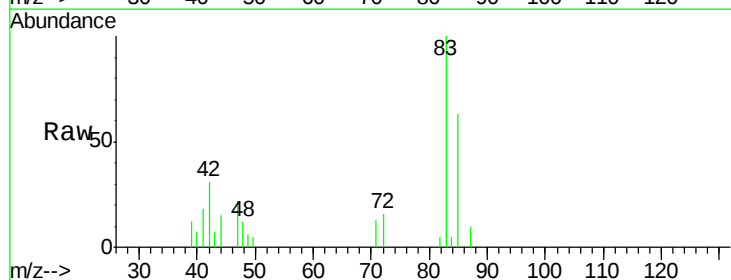
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

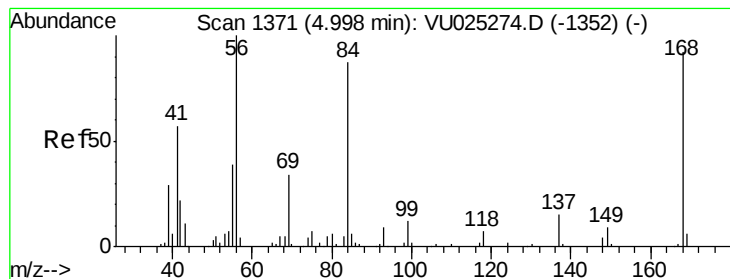
Tgt Ion: 42 Resp: 7154
Ion Ratio Lower Upper
42 100
72 38.2 36.7 55.1
71 44.7 33.9 50.9



#30
Chloroform
Concen: 1.157 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 83 Resp: 4757
Ion Ratio Lower Upper
83 100
85 62.7 51.5 77.3





#31

Cyclohexane

Concen: 1.876 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

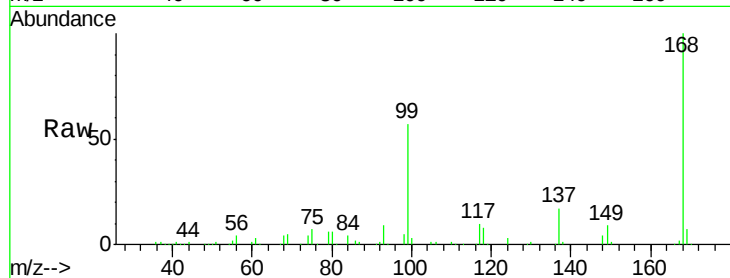
Tgt Ion: 56 Resp: 8089

Ion Ratio Lower Upper

56 100

69 108.2 26.8 40.2#

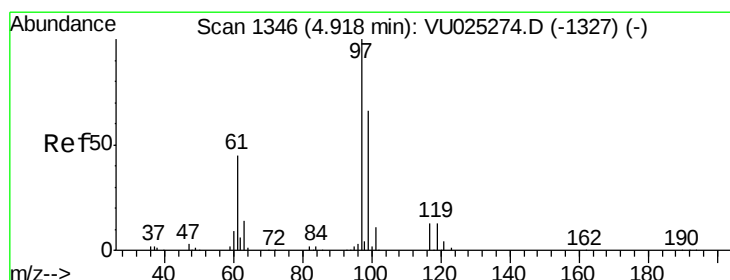
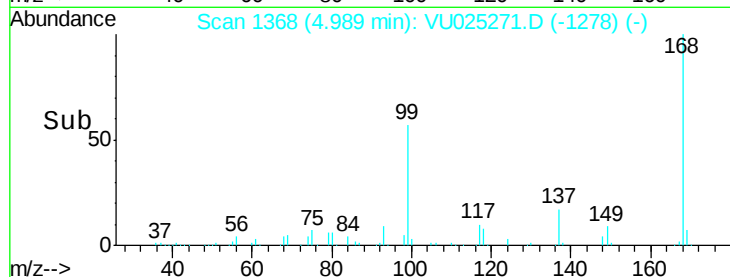
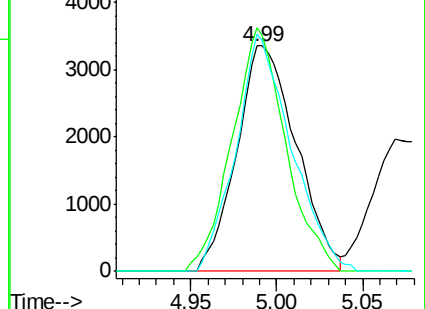
84 105.2 69.7 104.5#



Abundance Ion 56.00 (55.70 to 56.70): VU025271.D (-1278) (-)

Ion 69.00 (68.70 to 69.70): VU025271.D (-1278) (-)

Ion 84.00 (83.70 to 84.70): VU025271.D (-1278) (-)



#32

1,1,1-Trichloroethane

Concen: 1.095 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

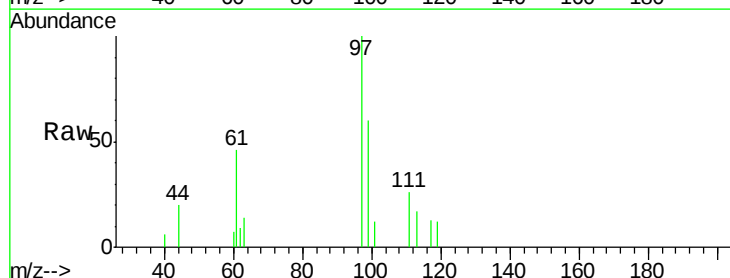
Tgt Ion: 97 Resp: 4080

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

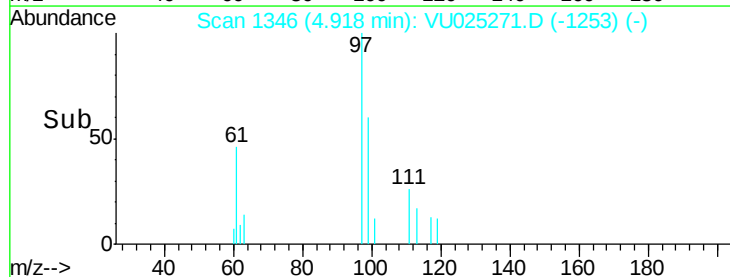
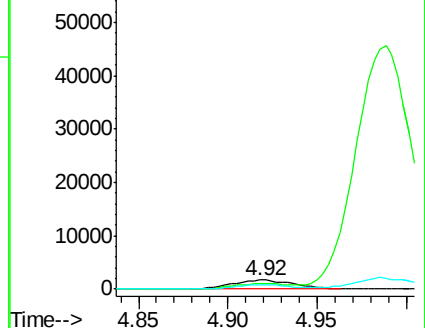
61 42.7 35.2 52.8

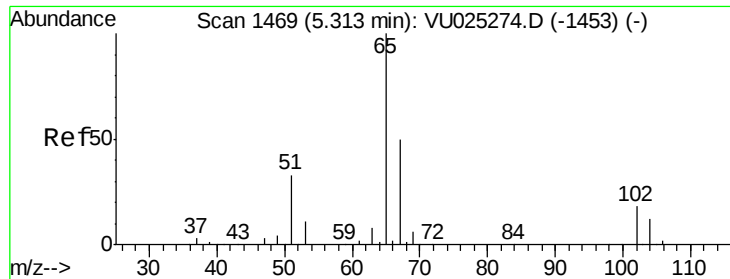


Abundance Ion 96.90 (96.60 to 97.60): VU025271.D (-1253) (-)

Ion 98.90 (98.60 to 99.60): VU025271.D (-1253) (-)

Ion 60.90 (60.60 to 61.60): VU025271.D (-1253) (-)

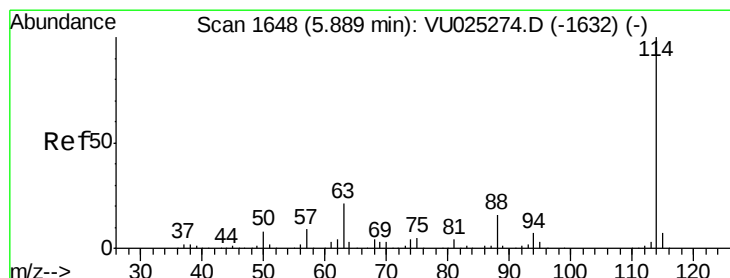
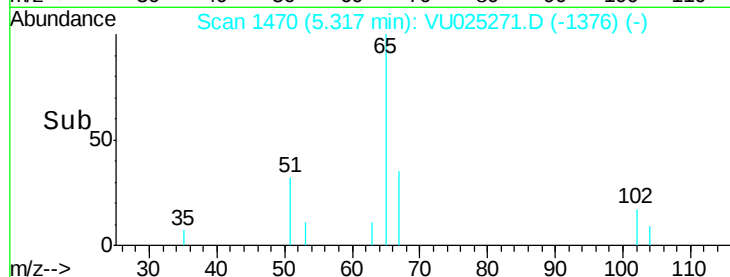
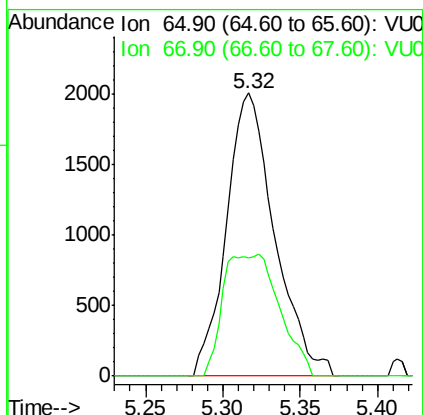
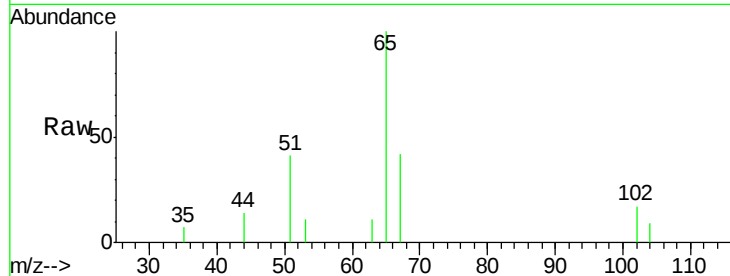




#33
 1,2-Dichloroethane-d4
 Concen: 1.527 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

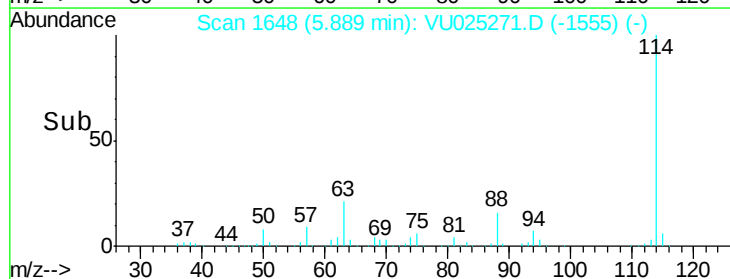
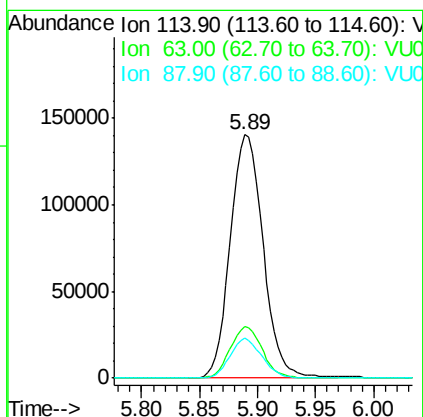
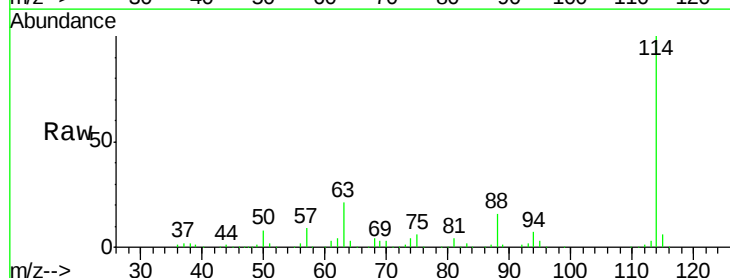
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

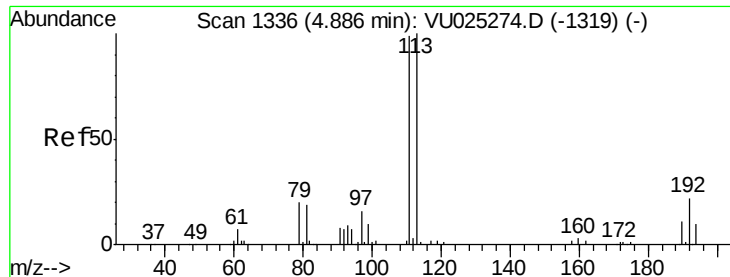
Tgt Ion: 65 Resp: 4350
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Tgt Ion: 114 Resp: 277345
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.6
 88 16.3 0.0 32.4

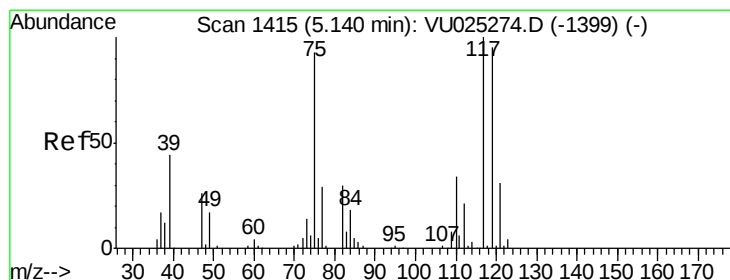
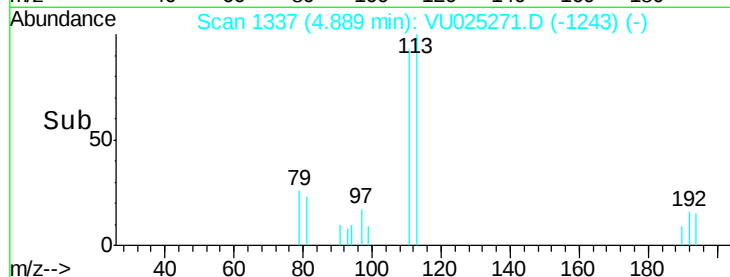
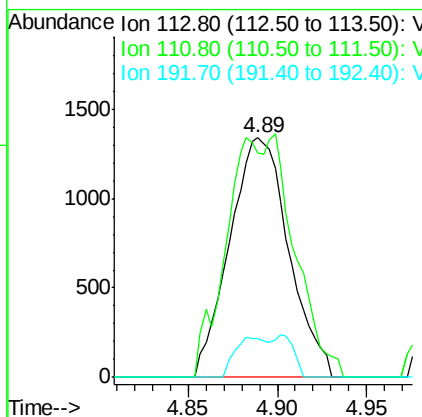
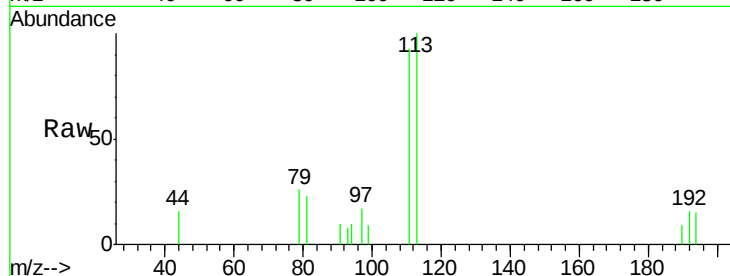




#35
 Dibromofluoromethane
 Concen: 1.322 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

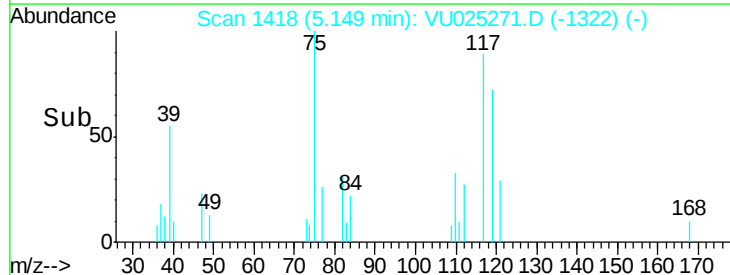
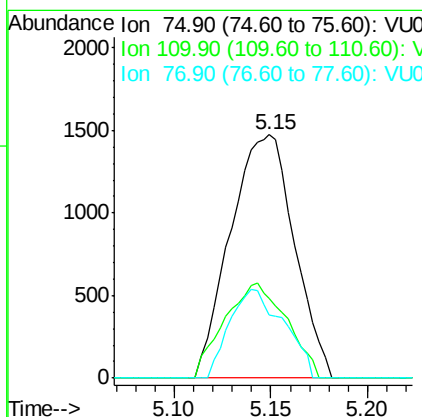
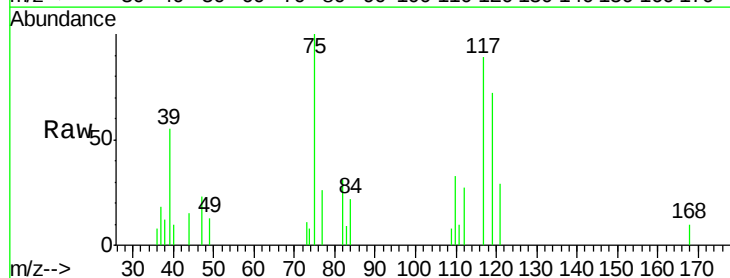
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

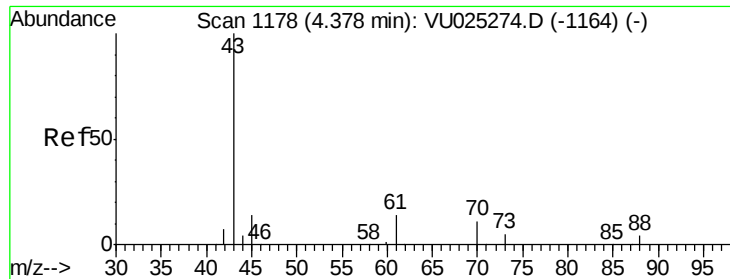
Tgt Ion: 113 Resp: 3093
 Ion Ratio Lower Upper
 113 100
 111 64.5 81.7 122.5#
 192 9.3 17.1 25.7#



#36
 1,1-Dichloropropene
 Concen: 1.096 ug/l
 RT: 5.15 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Tgt Ion: 75 Resp: 3379
 Ion Ratio Lower Upper
 75 100
 110 38.1 17.6 52.9
 77 30.9 24.4 36.6

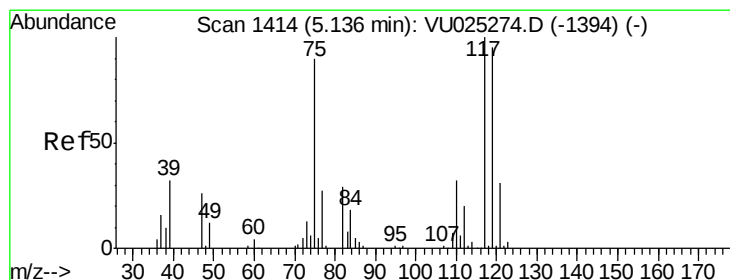
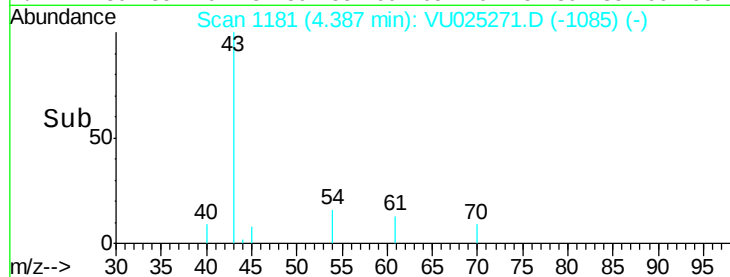
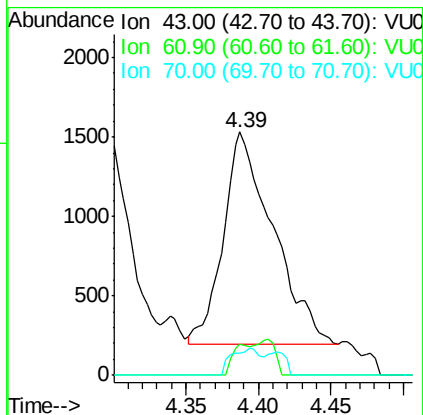
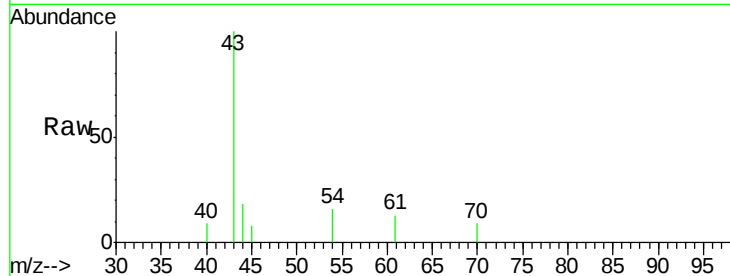




#37
Ethyl Acetate
Concen: 0.928 ug/l
RT: 4.39 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

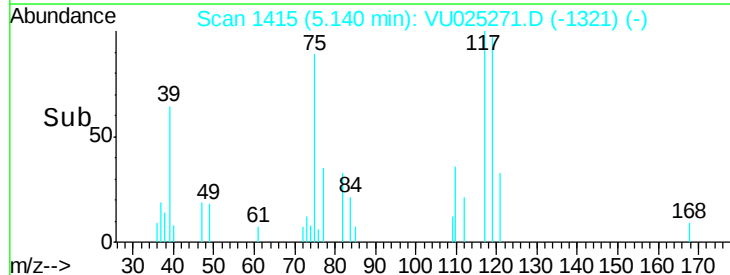
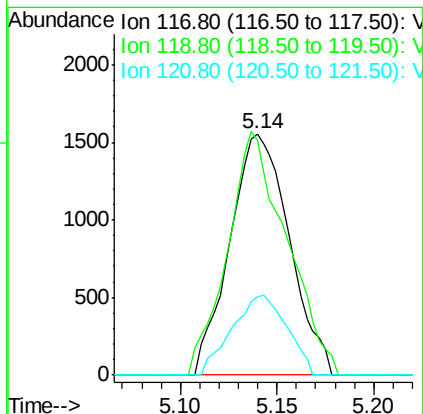
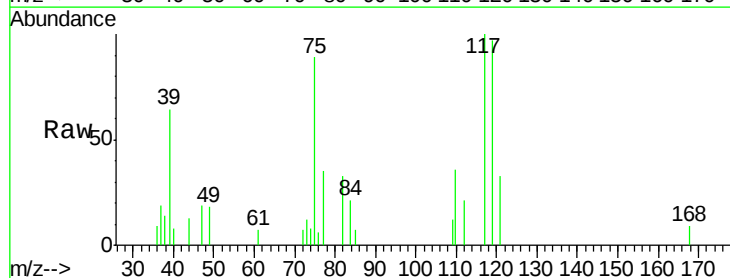
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

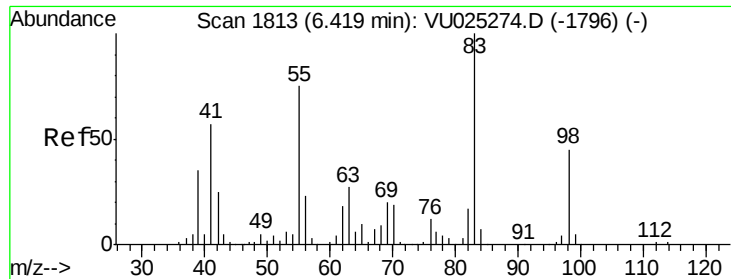
Tgt Ion: 43 Resp: 3190
Ion Ratio Lower Upper
43 100
61 5.1 10.7 16.1#
70 7.5 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 1.000 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 117 Resp: 3319
Ion Ratio Lower Upper
117 100
119 97.1 75.7 113.5
121 32.7 24.6 36.8

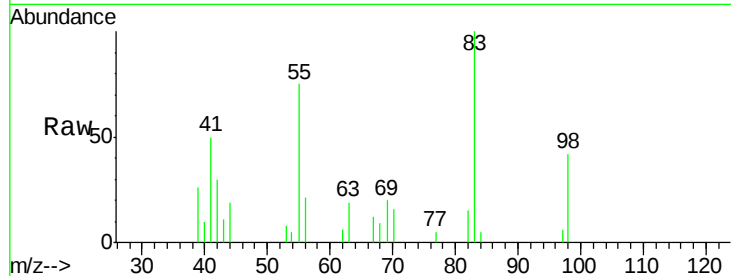




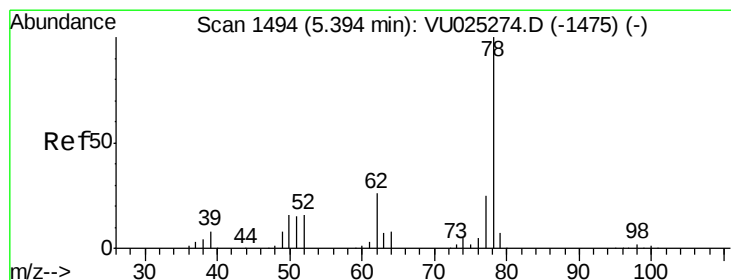
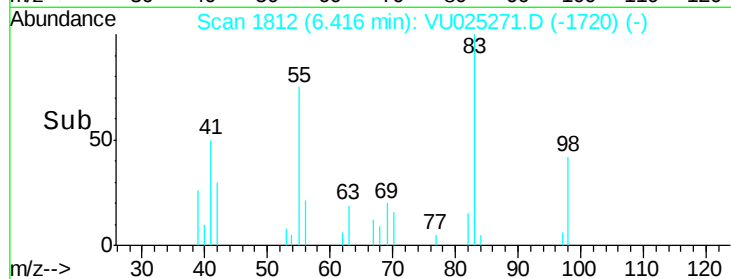
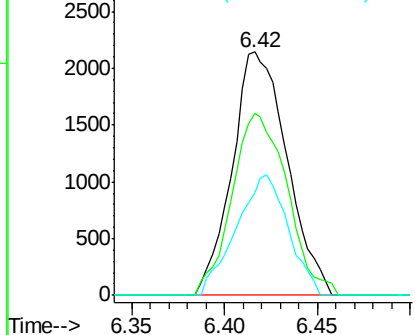
#39
Methylcyclohexane
Concen: 1.149 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 4419
Ion Ratio Lower Upper
83 100
55 74.8 60.0 90.0
98 42.4 36.1 54.1

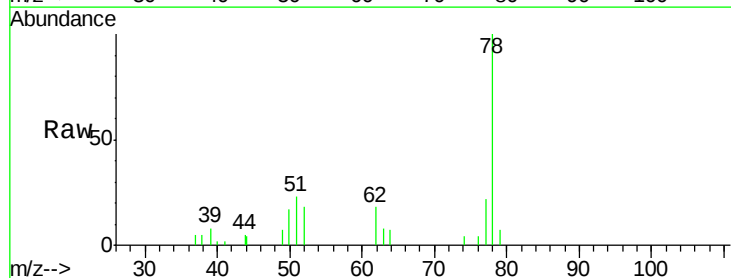


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

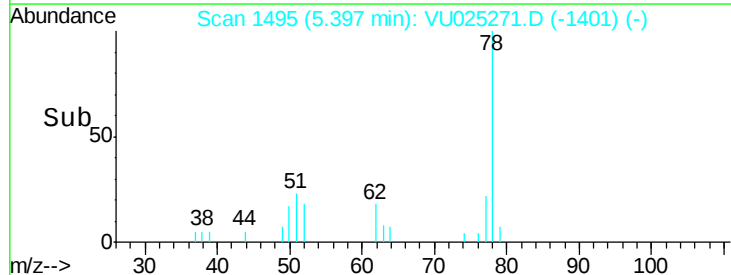
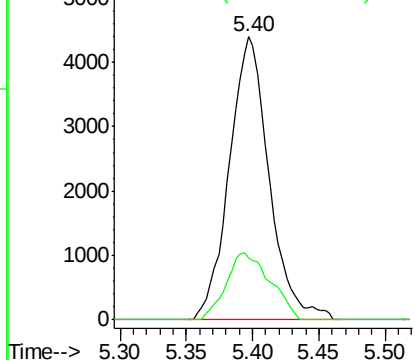


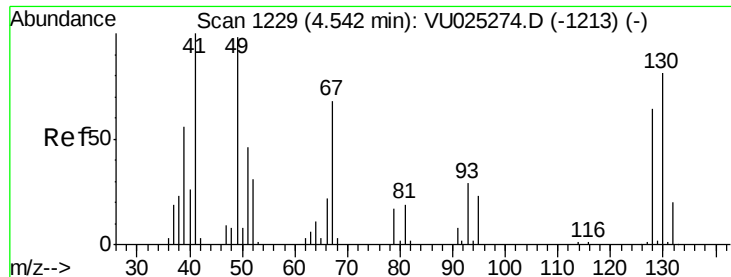
#40
Benzene
Concen: 1.032 ug/l
RT: 5.40 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 78 Resp: 9167
Ion Ratio Lower Upper
78 100
77 22.0 19.8 29.6



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

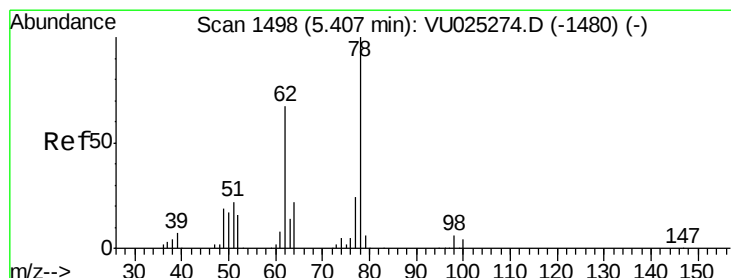
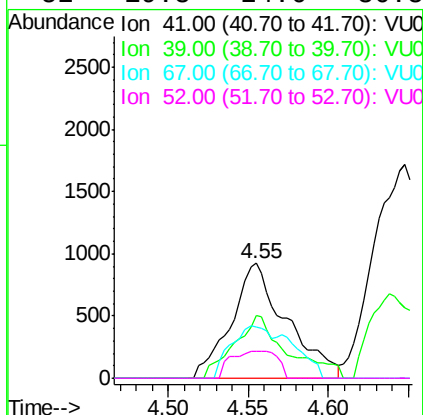
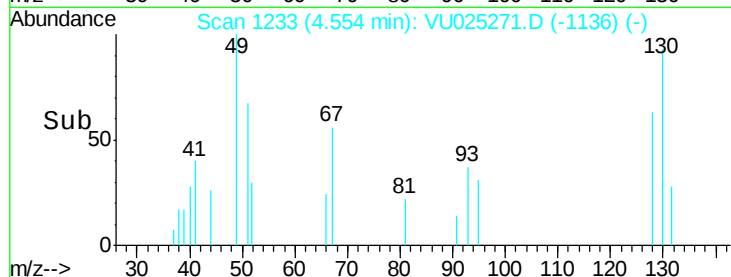
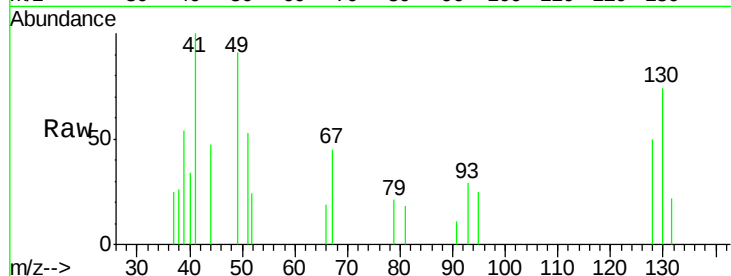




#41
Methacrylonitrile
Concen: 1.141 ug/l
RT: 4.55 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

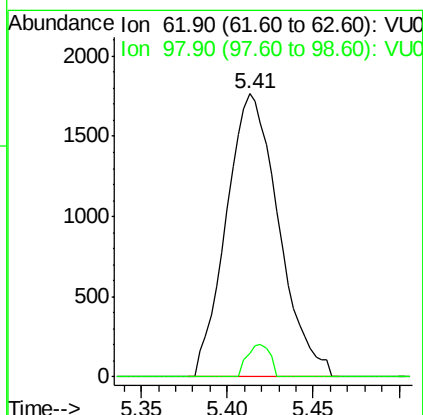
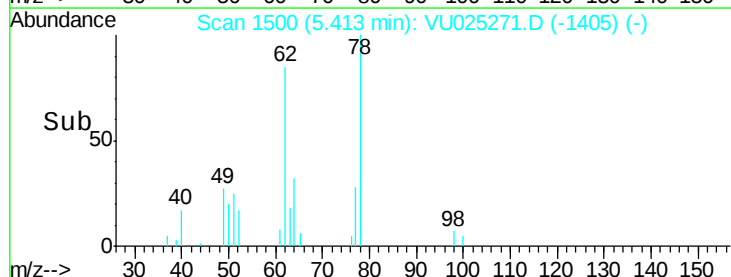
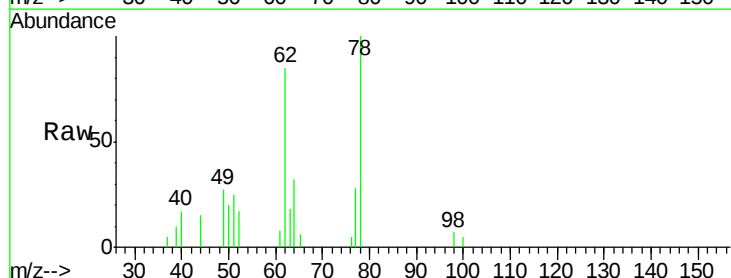
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

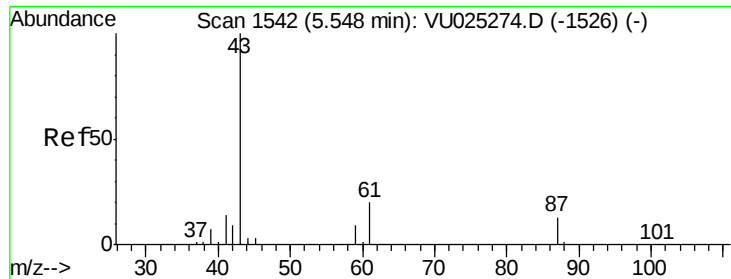
Tgt Ion: 41 Resp: 2175
Ion Ratio Lower Upper
41 100
39 53.2 44.4 66.6
67 50.6 56.0 84.0#
52 19.8 24.6 36.8#



#42
1,2-Dichloroethane
Concen: 1.055 ug/l
RT: 5.41 min Scan# 1500
Delta R.T. 0.01 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 62 Resp: 3728
Ion Ratio Lower Upper
62 100
98 5.0 0.0 16.4





#43

Isopropyl Acetate

Concen: 1.080 ug/l

RT: 5.55 min Scan# 1544

Delta R.T. 0.01 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

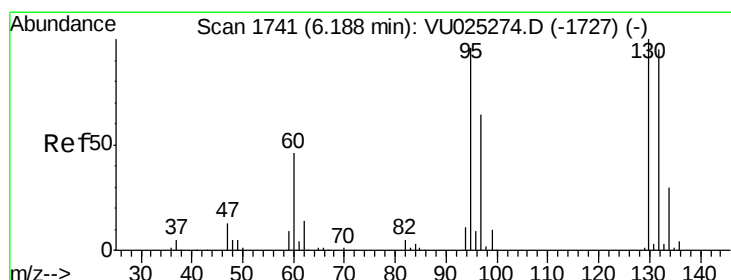
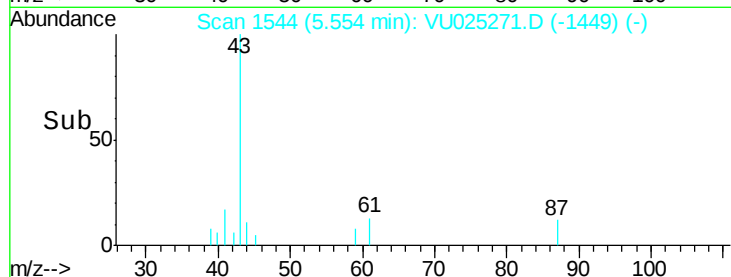
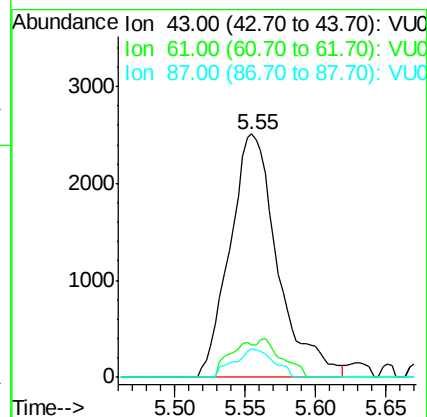
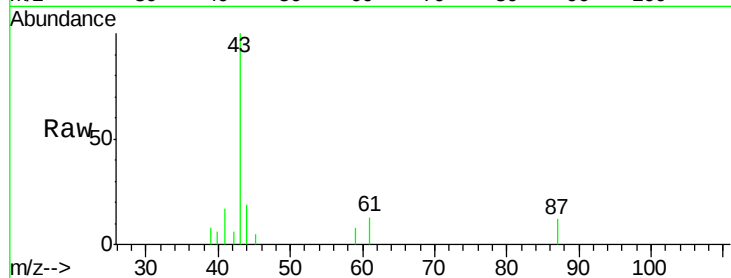
Tgt Ion: 43 Resp: 5947

Ion Ratio Lower Upper

43 100

61 7.2 15.5 23.3#

87 9.6 10.6 16.0#



#44

Trichloroethene

Concen: 1.338 ug/l

RT: 6.19 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VU025271.D

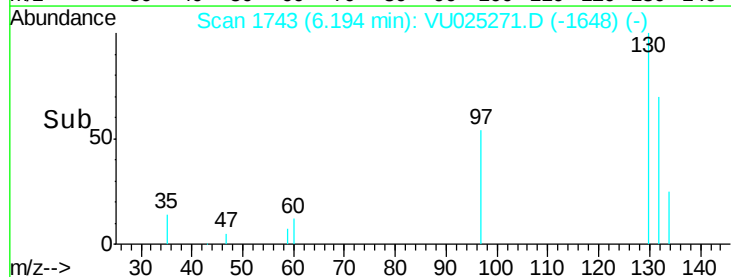
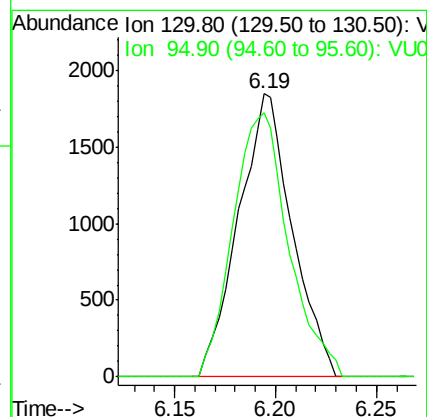
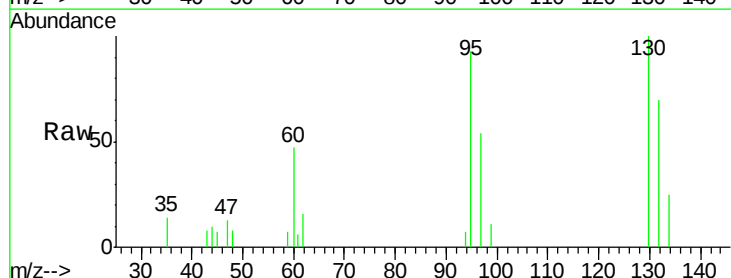
Acq: 09 Jul 2018 13:09

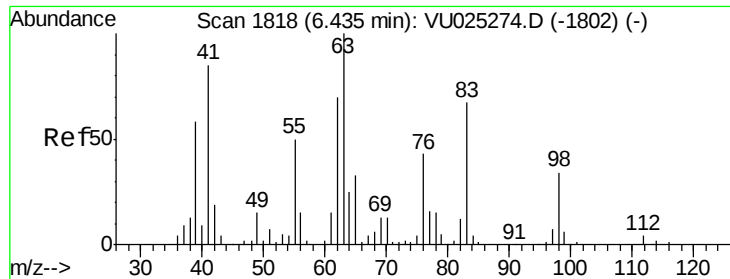
Tgt Ion: 130 Resp: 3414

Ion Ratio Lower Upper

130 100

95 93.1 0.0 192.2





#45

1,2-Dichloropropane

Concen: 1.105 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

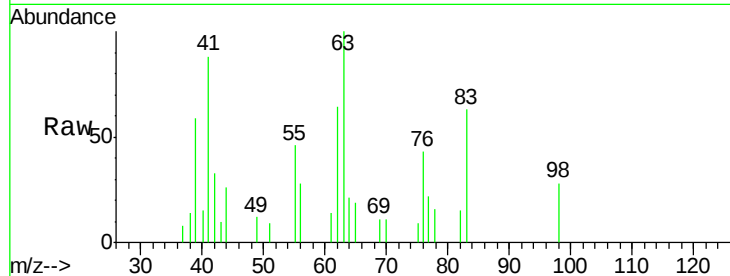
VSTDIC001

Tgt Ion: 63 Resp: 2572

Ion Ratio Lower Upper

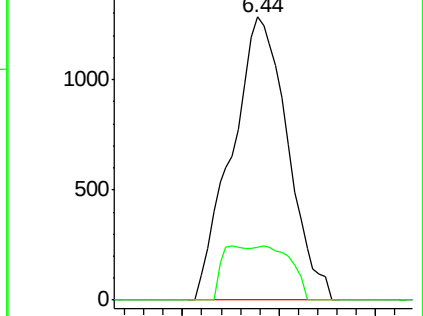
63 100

65 18.8 26.1 39.1#

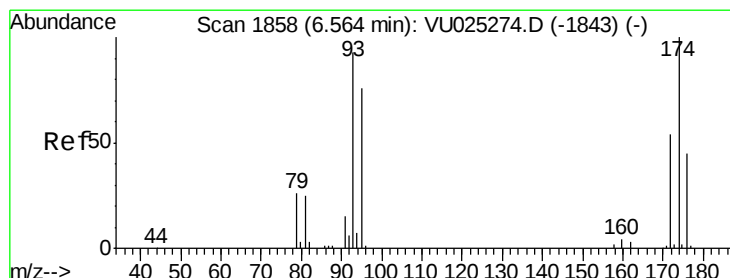
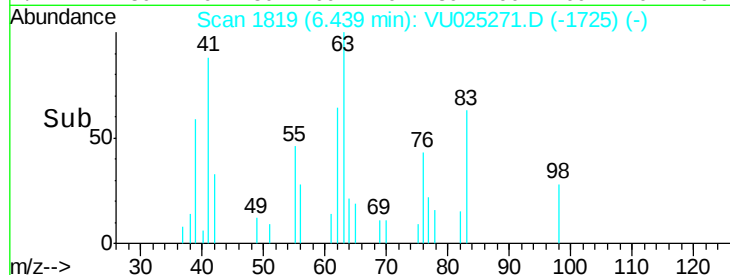


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



Time-->



#46

Dibromomethane

Concen: 1.036 ug/l

RT: 6.57 min Scan# 1861

Delta R.T. 0.01 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

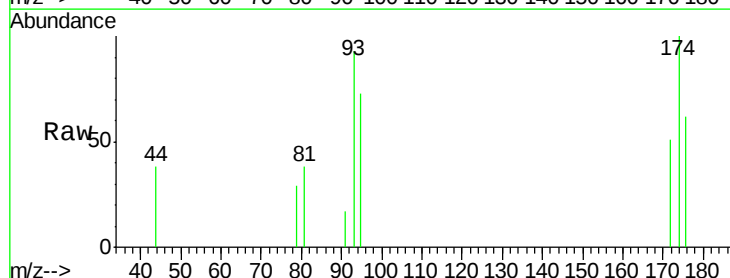
Tgt Ion: 93 Resp: 1754

Ion Ratio Lower Upper

93 100

95 87.8 66.6 100.0

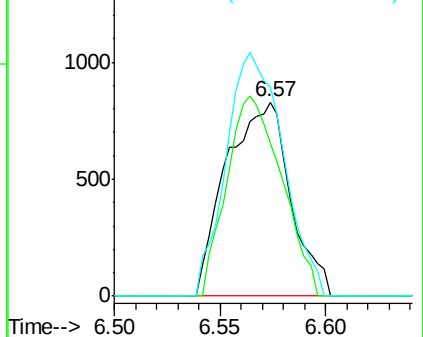
174 112.0 85.8 128.8



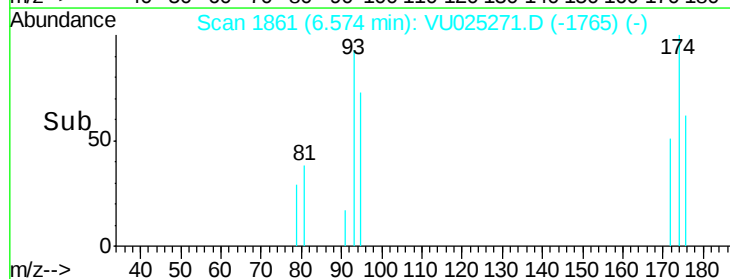
Abundance Ion 92.80 (92.50 to 93.50): VU0

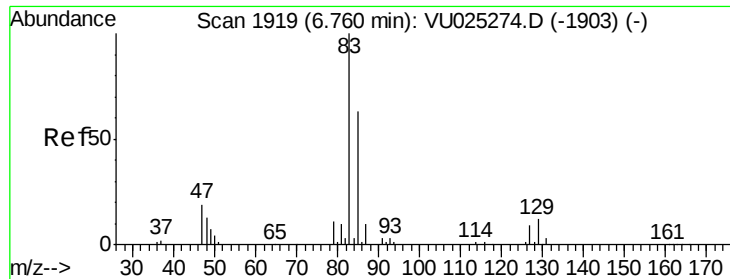
Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 0.986 ug/l

RT: 6.76 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

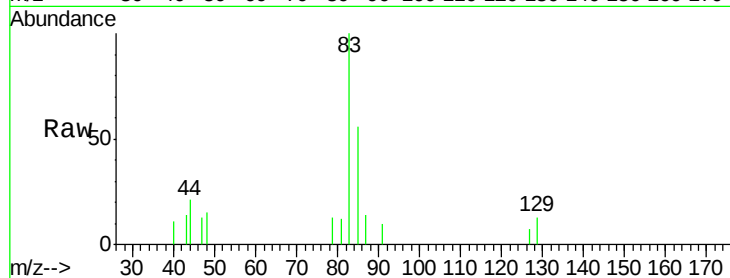
Tgt Ion: 83 Resp: 3103

Ion Ratio Lower Upper

83 100

85 55.8 50.2 75.4

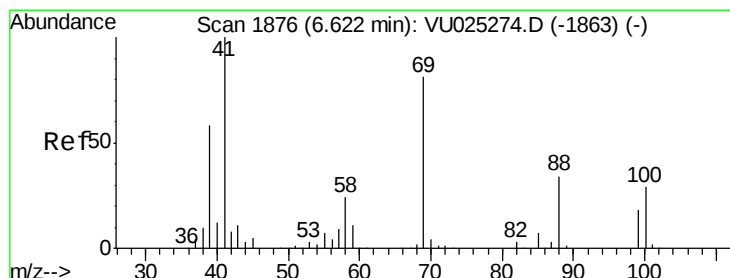
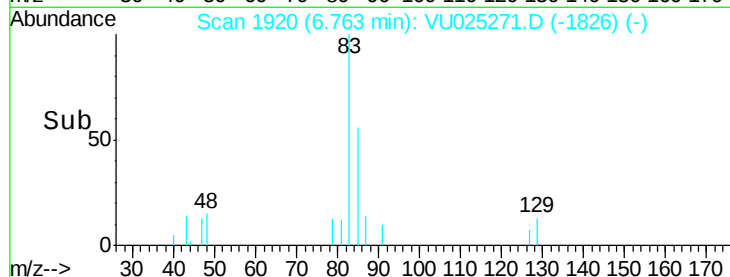
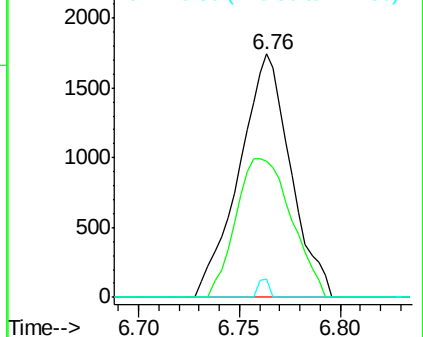
127 7.4 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.025 ug/l

RT: 6.63 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

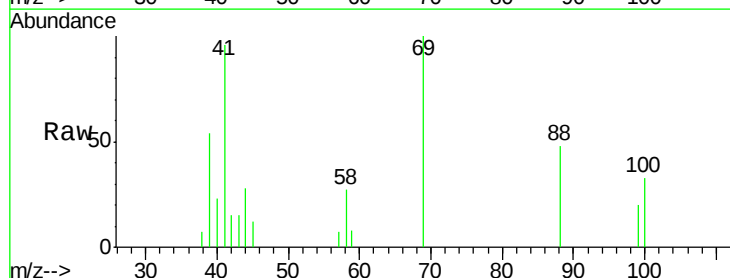
Tgt Ion: 41 Resp: 2815

Ion Ratio Lower Upper

41 100

69 90.5 65.0 97.4

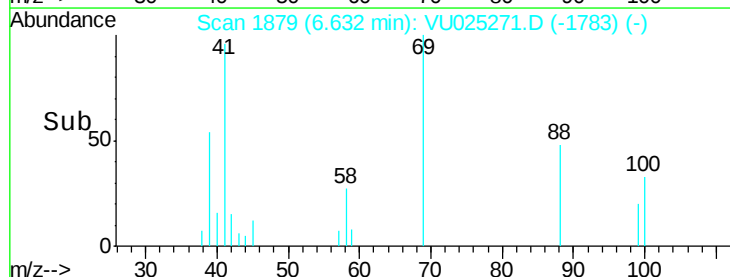
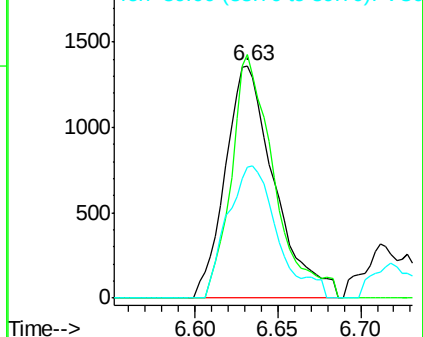
39 57.4 46.4 69.6

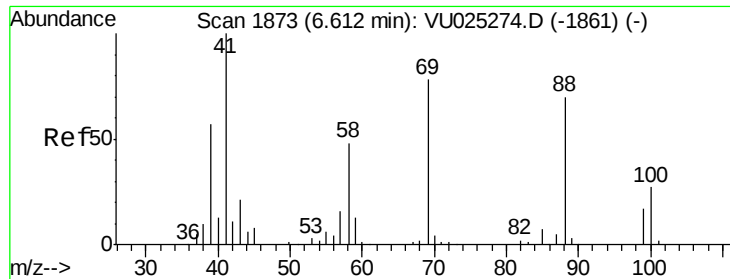


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

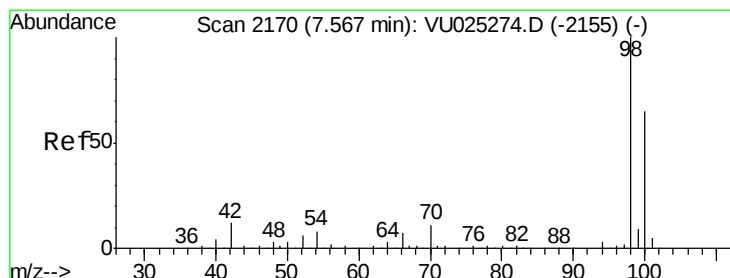
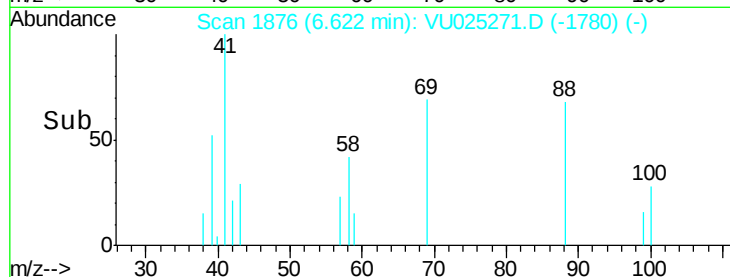
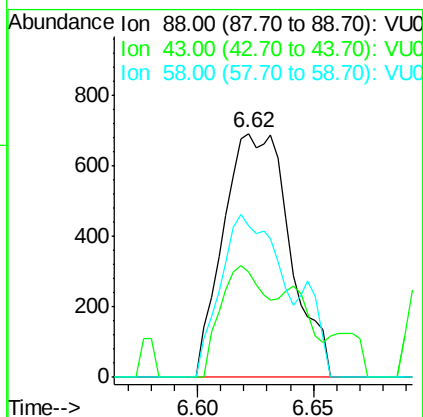
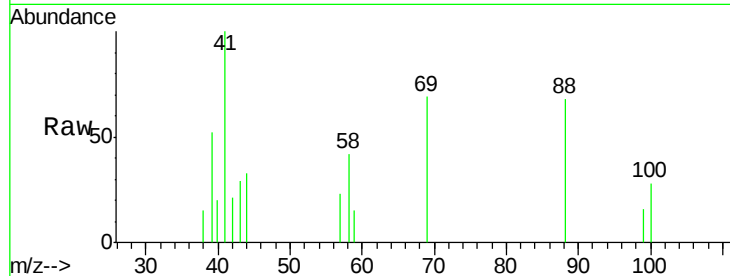




#49
1,4-Dioxane
Concen: 20.861 ug/l
RT: 6.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

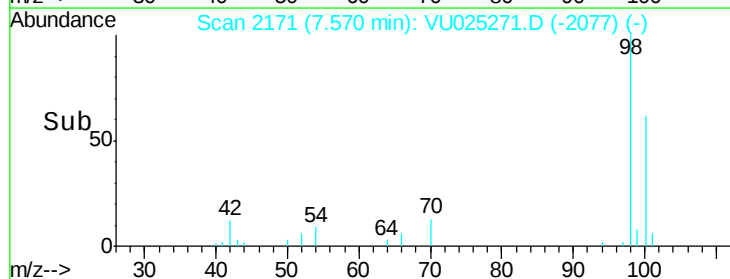
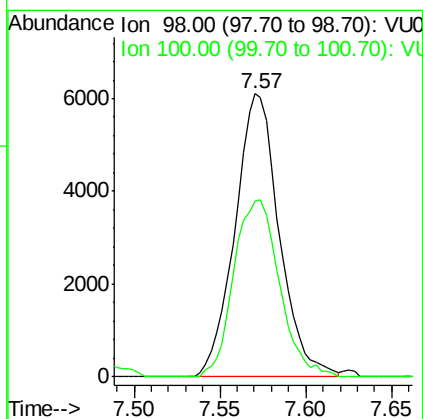
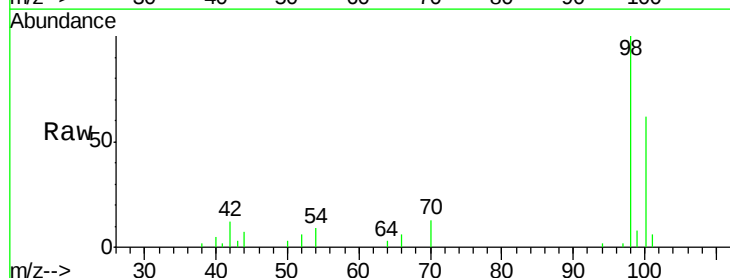
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

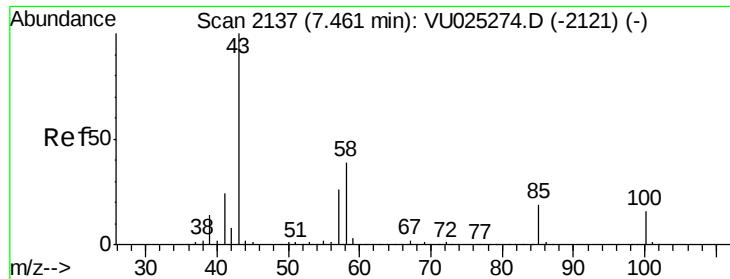
Tgt Ion: 88 Resp: 1378
Ion Ratio Lower Upper
88 100
43 30.7 27.3 40.9
58 58.3 57.6 86.4



#50
Toluene-d8
Concen: 1.361 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 98 Resp: 10907
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 5.043 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

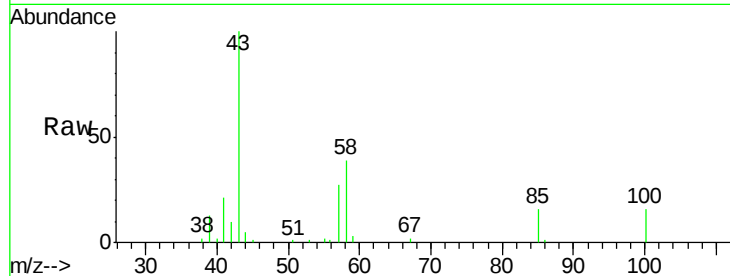
VSTDIC001

Tgt Ion: 43 Resp: 18049

Ion Ratio Lower Upper

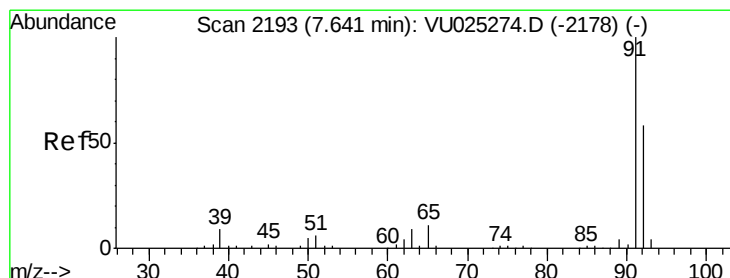
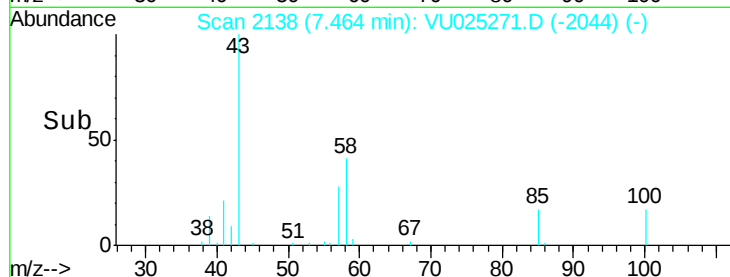
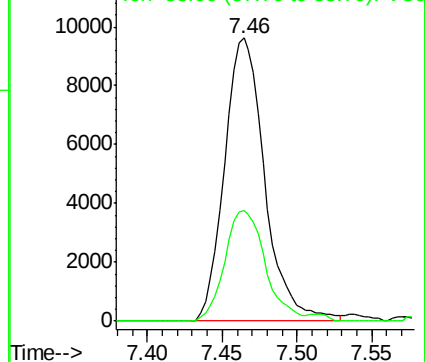
43 100

58 39.2 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 0.981 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025271.D

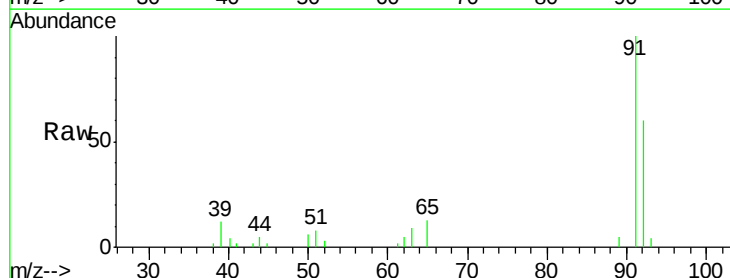
Acq: 09 Jul 2018 13:09

Tgt Ion: 92 Resp: 5545

Ion Ratio Lower Upper

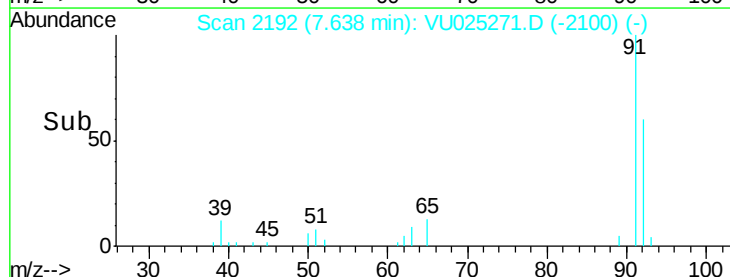
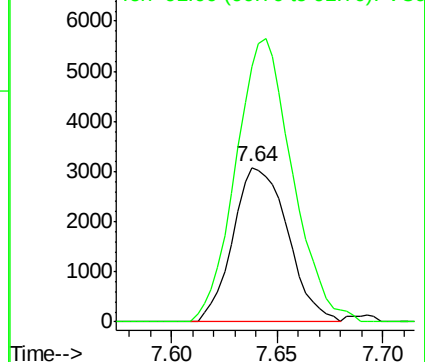
92 100

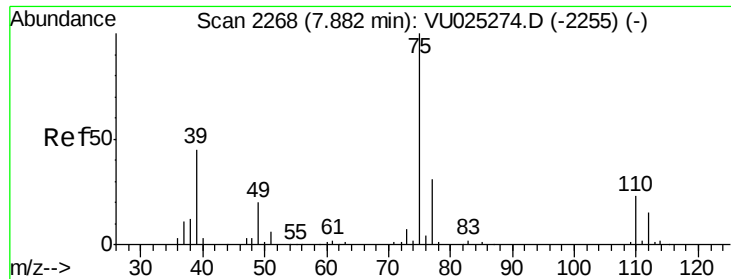
91 189.8 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

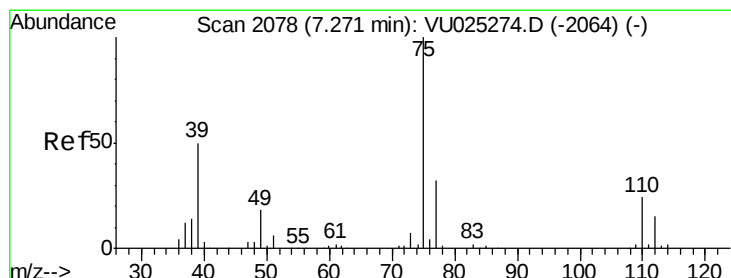
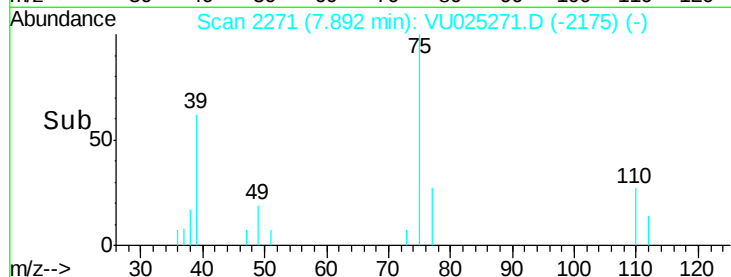
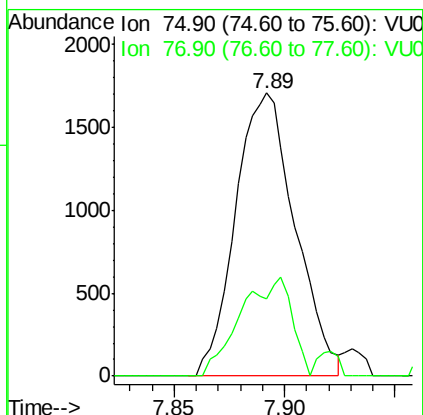
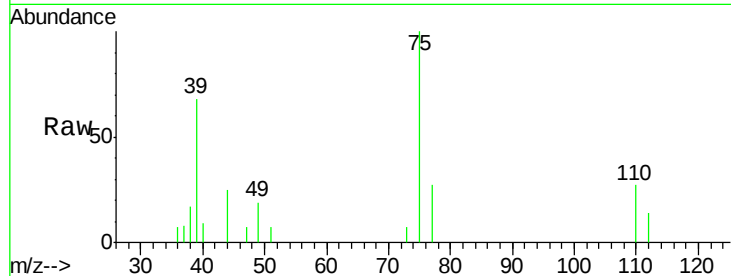




#53
 t-1,3-Dichloropropene
 Concen: 0.928 ug/l
 RT: 7.89 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

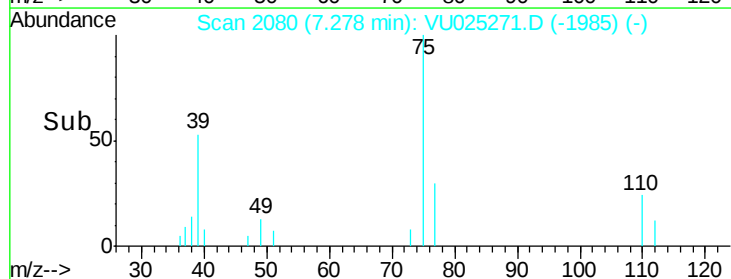
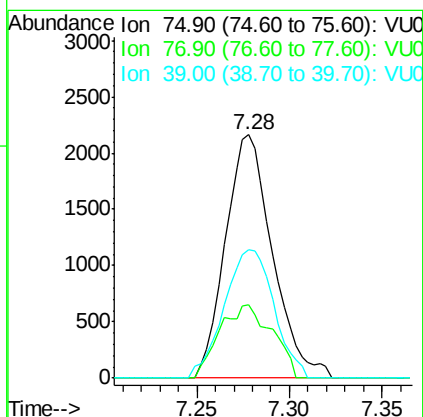
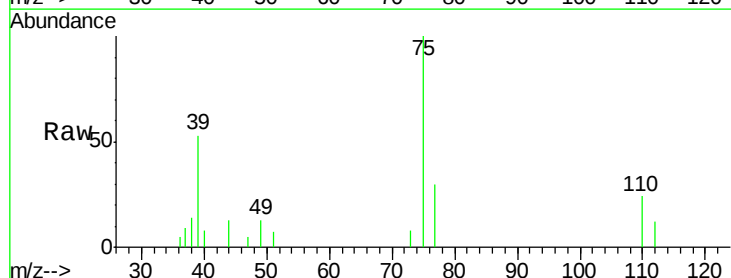
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

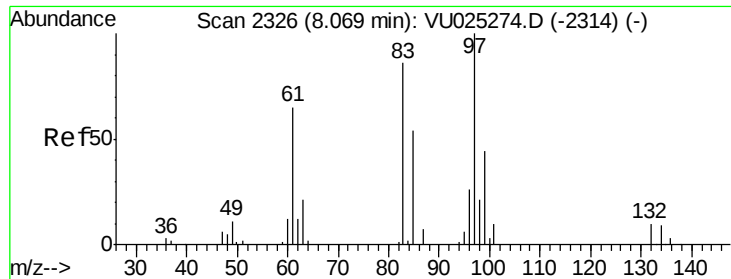
Tgt Ion: 75 Resp: 3209
 Ion Ratio Lower Upper
 75 100
 77 27.4 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 1.037 ug/l
 RT: 7.28 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Tgt Ion: 75 Resp: 3814
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.6 38.4
 39 52.8 40.0 60.0

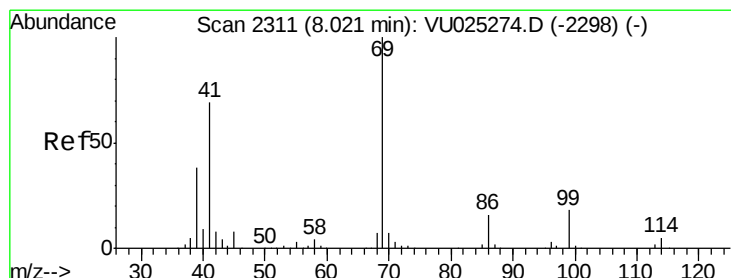
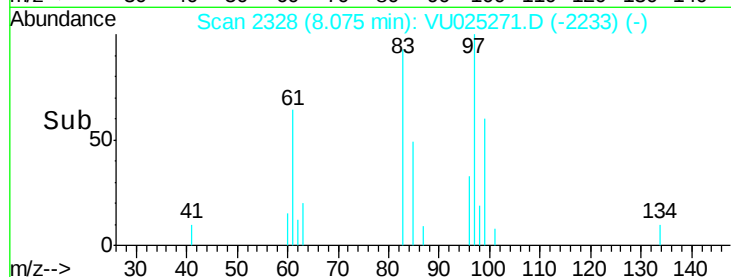
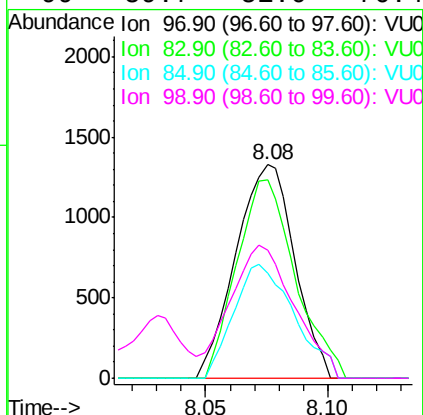
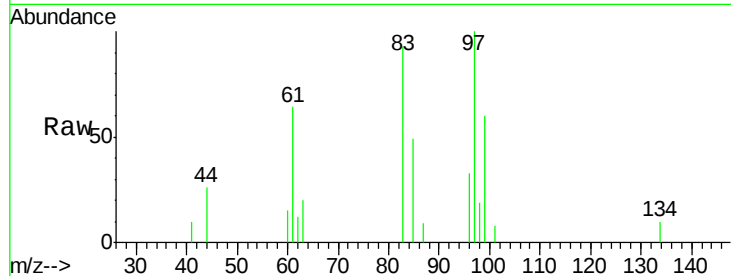




#55
1,1,2-Trichloroethane
Concen: 0.940 ug/l
RT: 8.08 min Scan# 2328
Delta R.T. 0.01 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

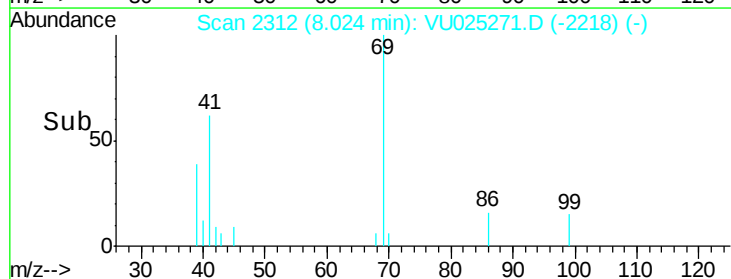
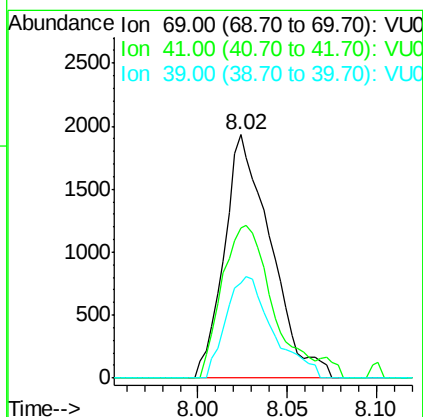
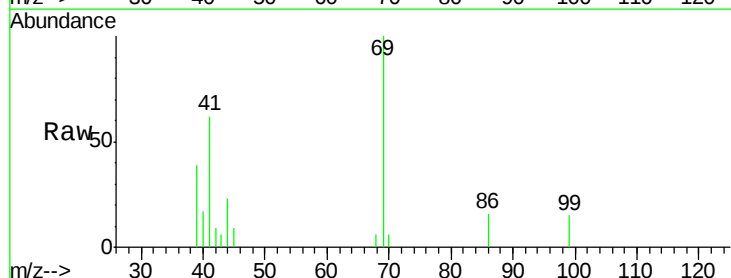
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

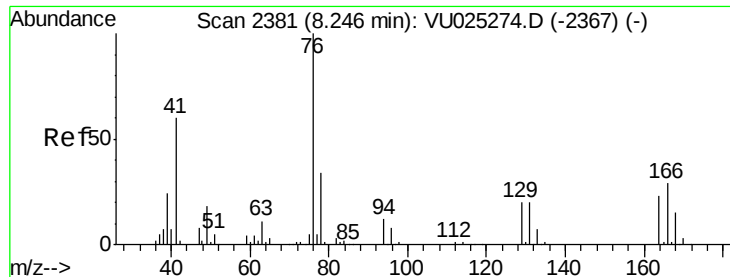
Tgt Ion:	97	Resp:	2214
Ion	Ratio	Lower	Upper
97	100		
83	92.9	68.9	103.3
85	49.0	44.4	66.6
99	59.7	51.0	76.4



#56
Ethyl methacrylate
Concen: 0.953 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion:	69	Resp:	3505
Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.8	82.2
39	41.7	31.1	46.7





#57

1,3-Dichloropropane

Concen: 1.069 ug/l

RT: 8.25 min Scan# 2382

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

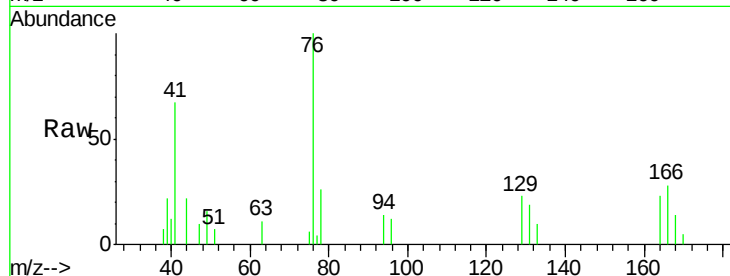
VSTDIC001

Tgt Ion: 76 Resp: 4177

Ion Ratio Lower Upper

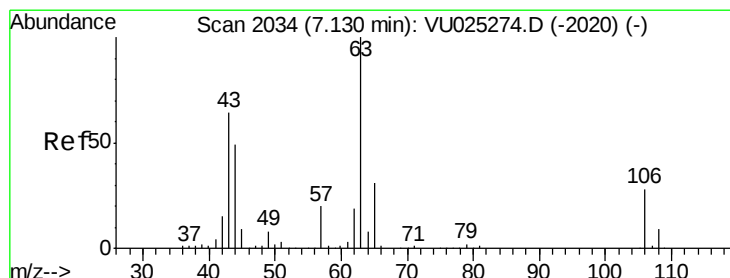
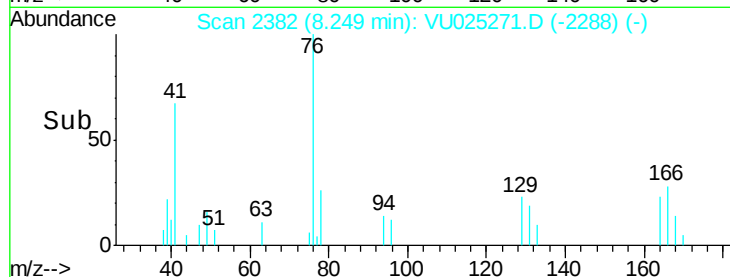
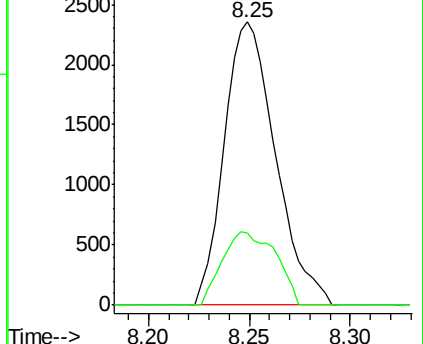
76 100

78 27.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 5.094 ug/l

RT: 7.14 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU025271.D

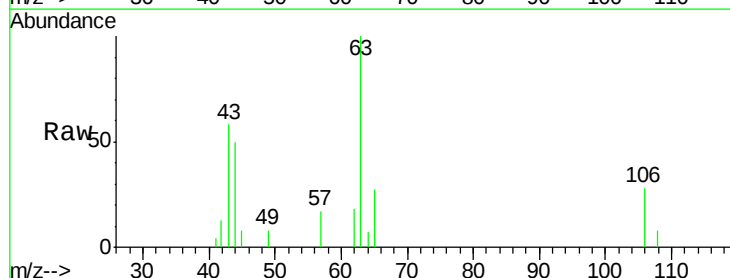
Acq: 09 Jul 2018 13:09

Tgt Ion: 63 Resp: 6610

Ion Ratio Lower Upper

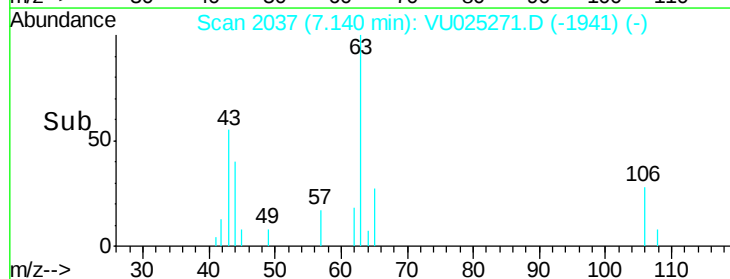
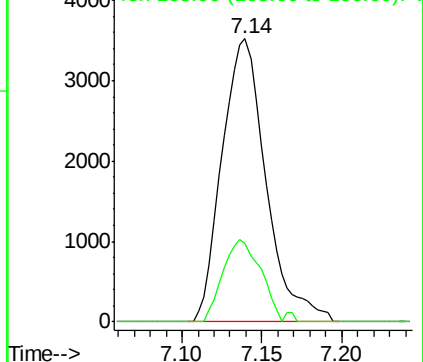
63 100

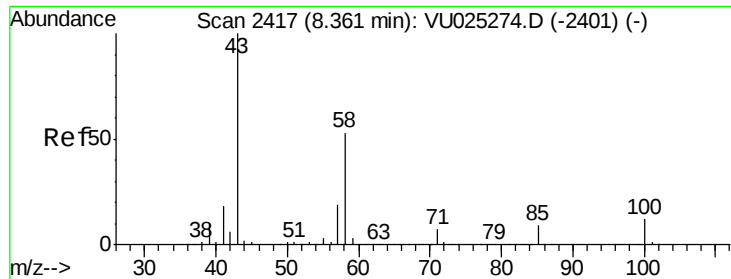
106 24.9 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

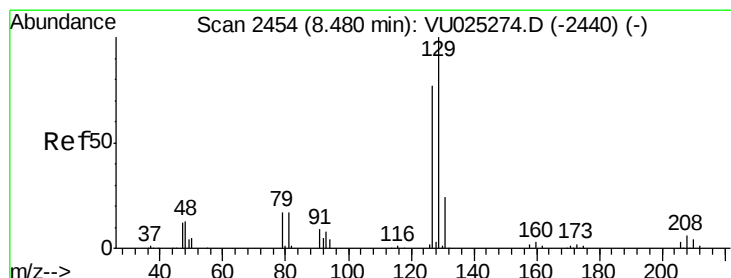
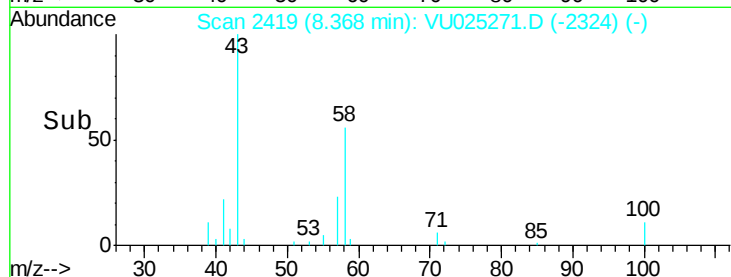
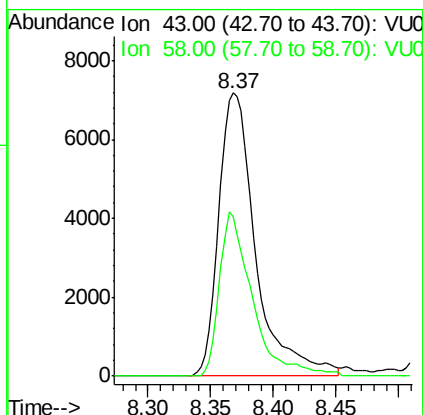
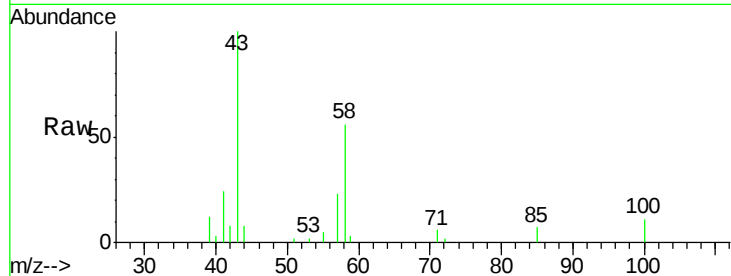




#59
2-Hexanone
Concen: 5.062 ug/l
RT: 8.37 min Scan# 2419
Delta R.T. 0.01 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

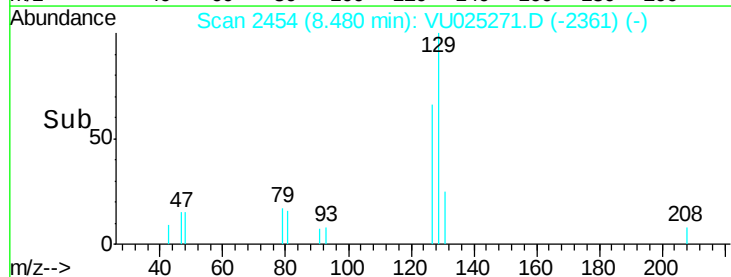
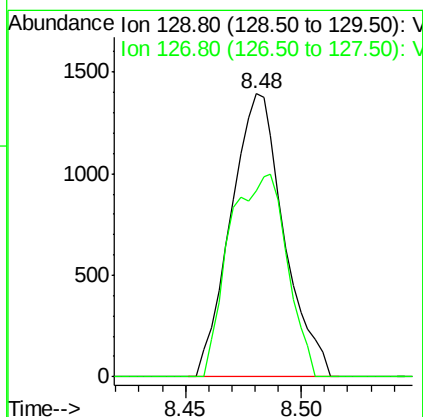
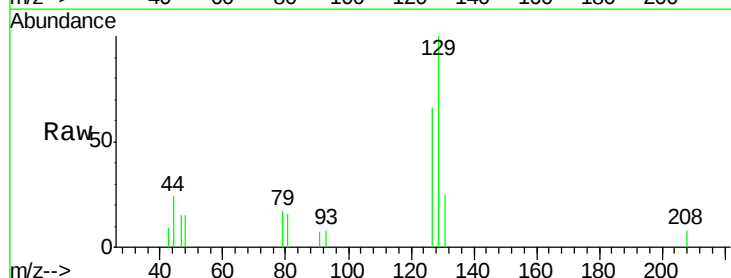
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

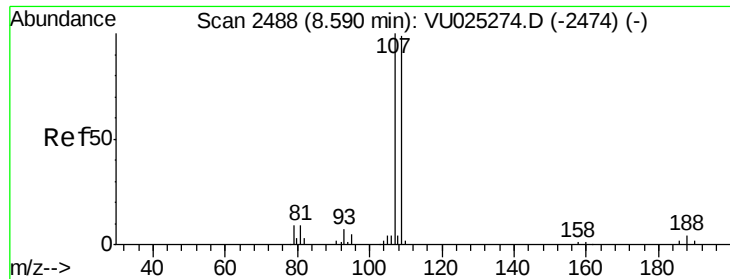
Tgt Ion: 43 Resp: 14696
Ion Ratio Lower Upper
43 100
58 51.5 26.2 78.5



#60
Dibromochloromethane
Concen: 0.871 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 129 Resp: 2214
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 1.129 ug/l

RT: 8.60 min Scan# 2490

Delta R.T. 0.01 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

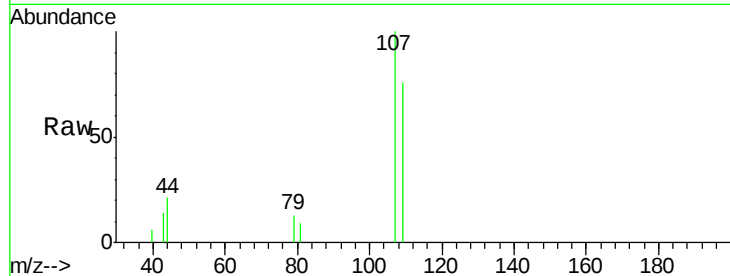
VSTDIC001

Tgt Ion: 107 Resp: 2845

Ion Ratio Lower Upper

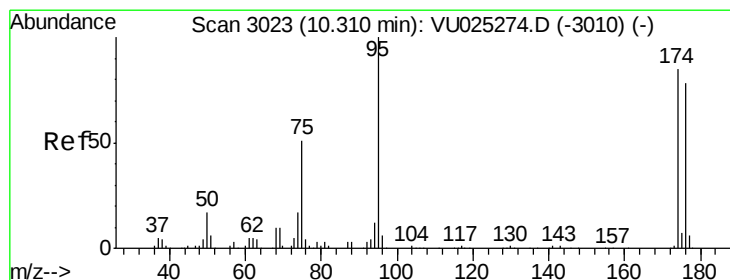
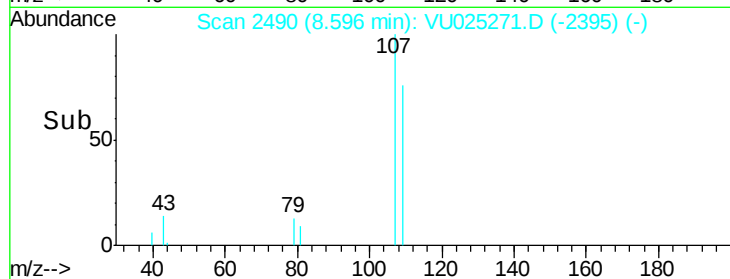
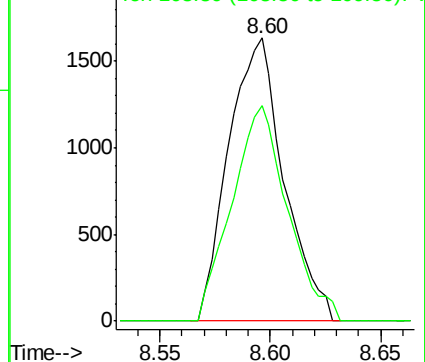
107 100

109 76.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.443 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

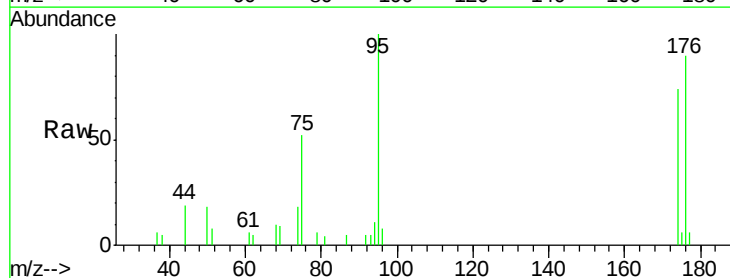
Tgt Ion: 95 Resp: 4654

Ion Ratio Lower Upper

95 100

174 76.4 0.0 172.2

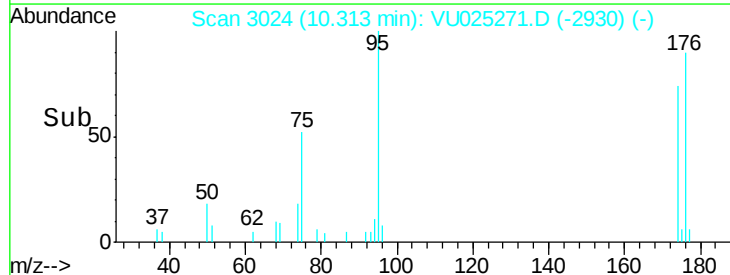
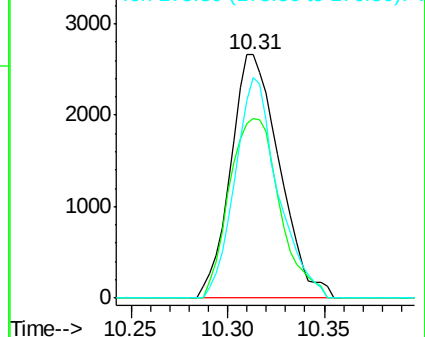
176 79.8 0.0 162.6

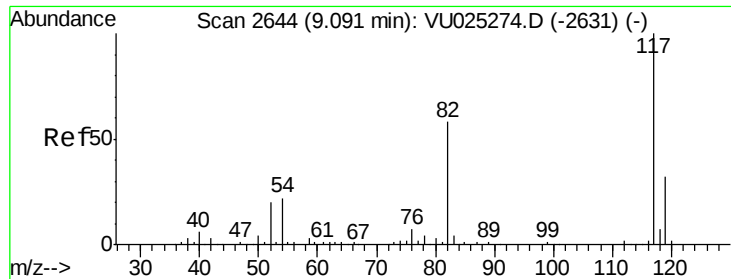


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

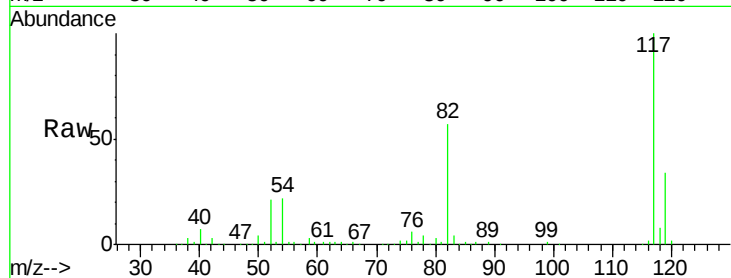




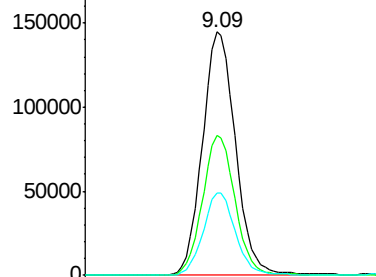
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

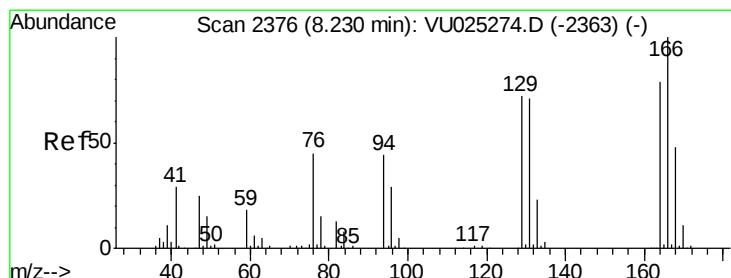
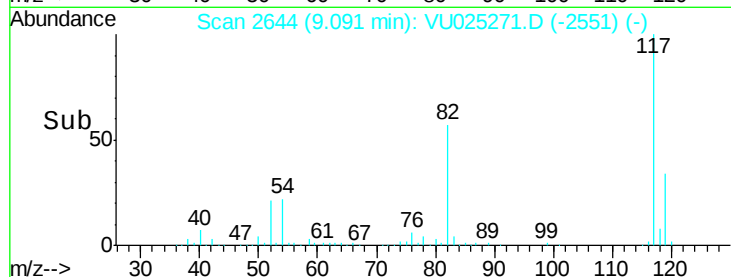
Tgt Ion:117 Resp: 244076
Ion Ratio Lower Upper
117 100
82 57.3 46.0 69.0
119 34.1 26.0 39.0



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

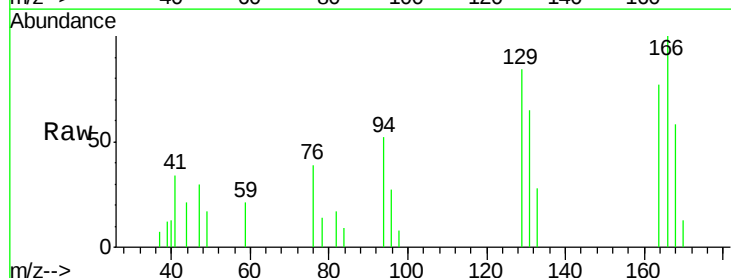


Time--> 9.00 9.05 9.10 9.15

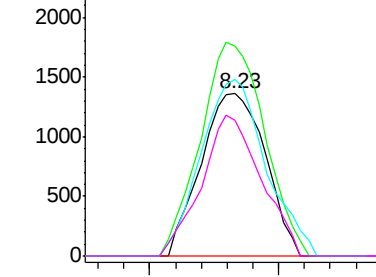


#64
Tetrachloroethene
Concen: 1.066 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

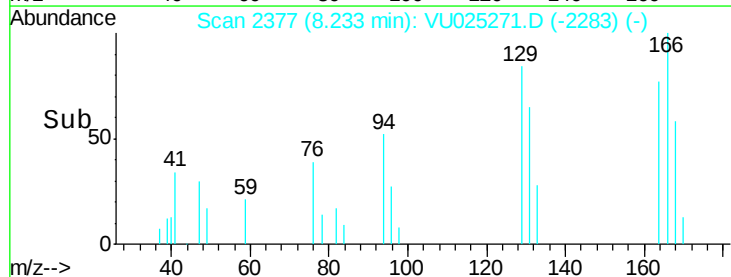
Tgt Ion:164 Resp: 2371
Ion Ratio Lower Upper
164 100
166 129.4 101.1 151.7
129 109.1 73.0 109.6
131 83.7 72.1 108.1

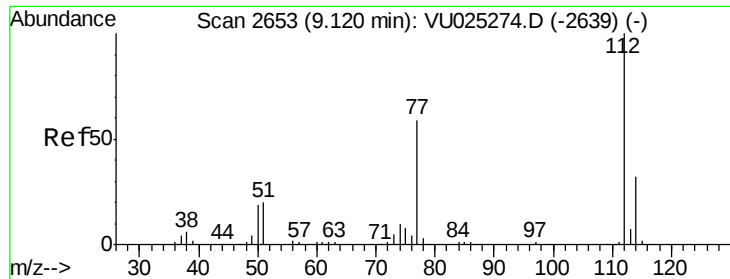


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



Time--> 8.20 8.25

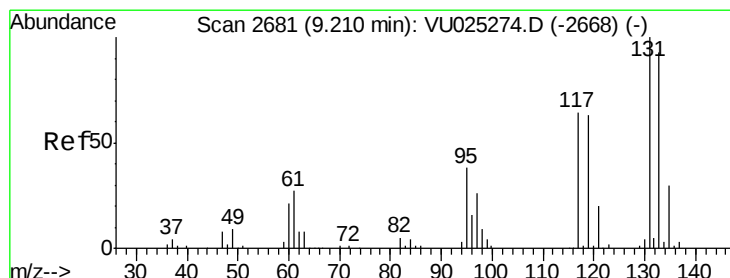
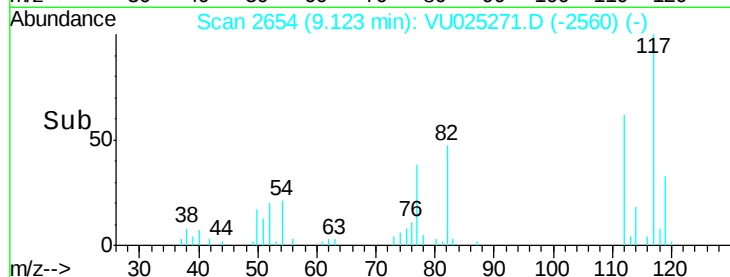
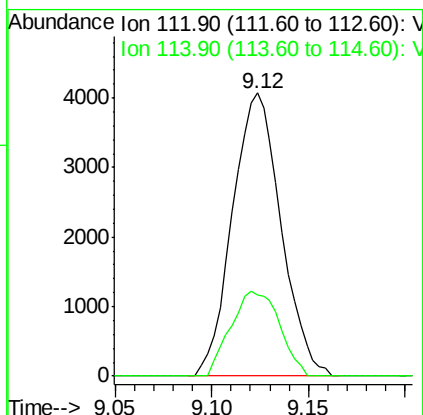
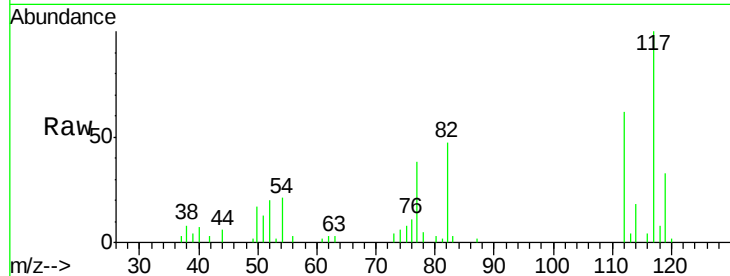




#65
Chlorobenzene
Concen: 1.165 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

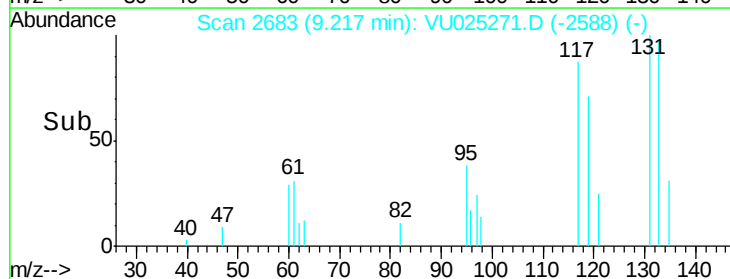
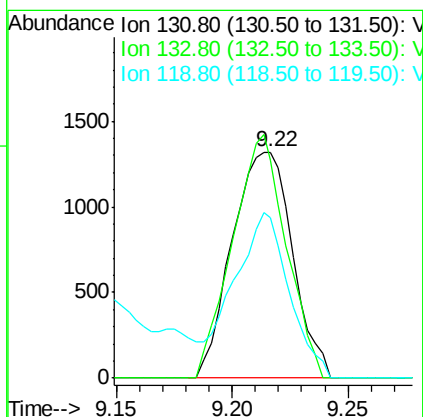
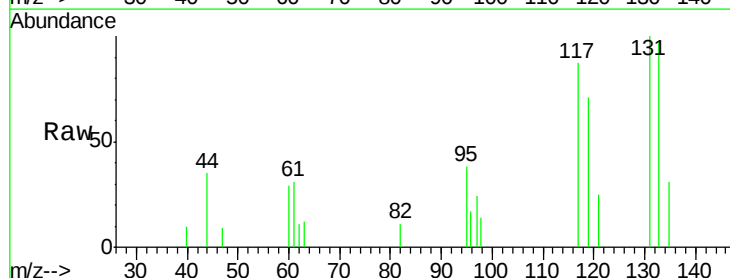
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

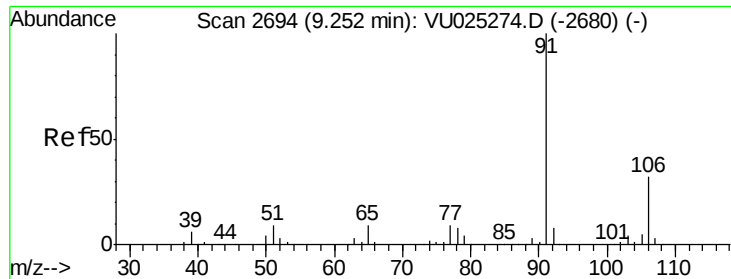
Tgt Ion:112 Resp: 7101
Ion Ratio Lower Upper
112 100
114 28.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 1.092 ug/l
RT: 9.22 min Scan# 2683
Delta R.T. 0.01 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion:131 Resp: 2382
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.3
119 0.0 31.6 95.0#

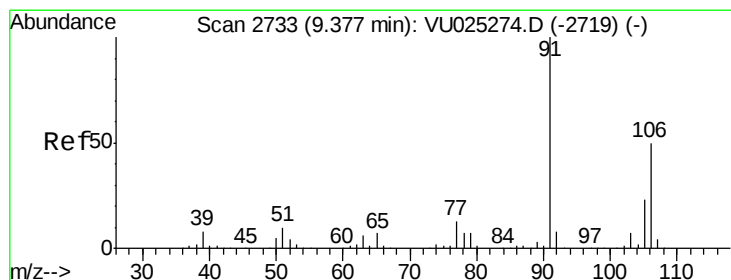
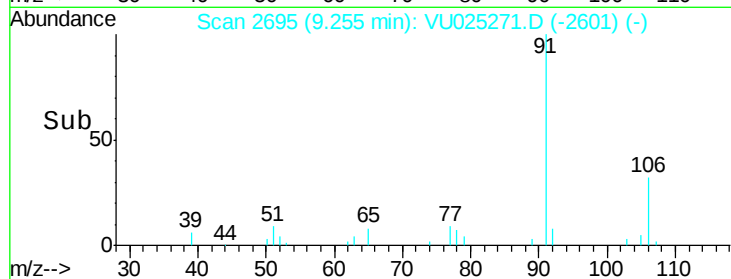
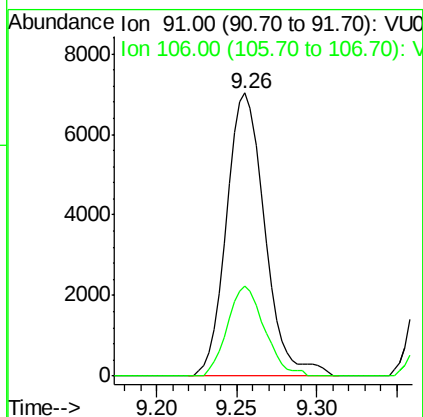
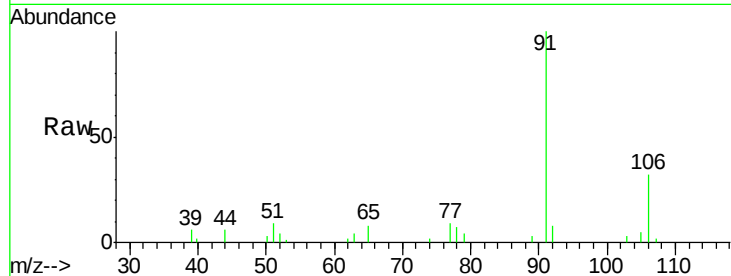




#67
Ethyl Benzene
Concen: 1.104 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

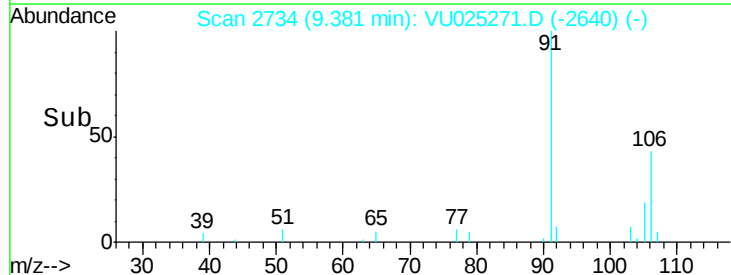
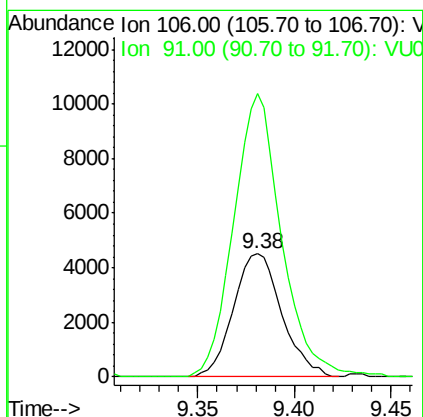
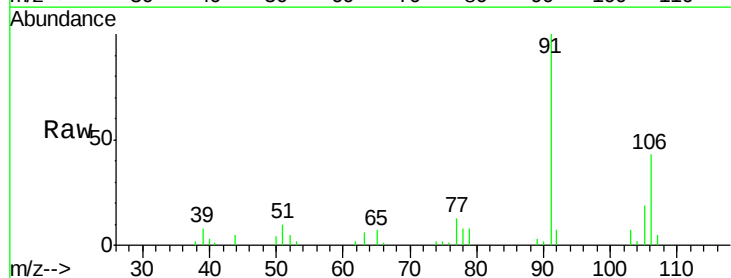
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

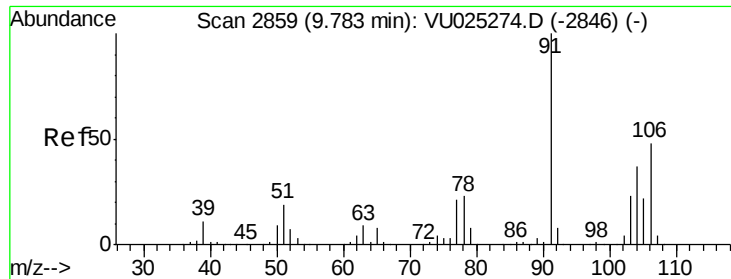
Tgt Ion: 91 Resp: 11473
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9



#68
m/p-Xylenes
Concen: 1.953 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 106 Resp: 7848
Ion Ratio Lower Upper
106 100
91 228.0 162.3 243.5

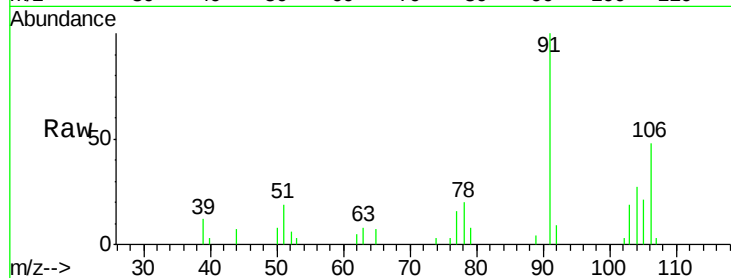




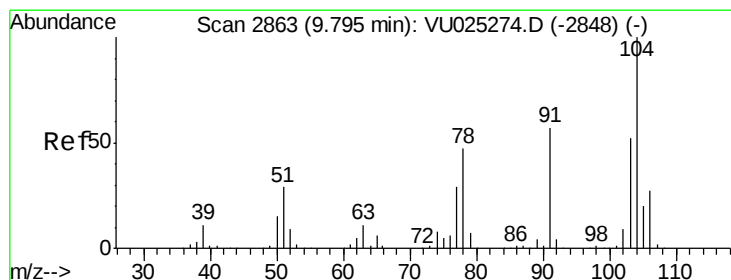
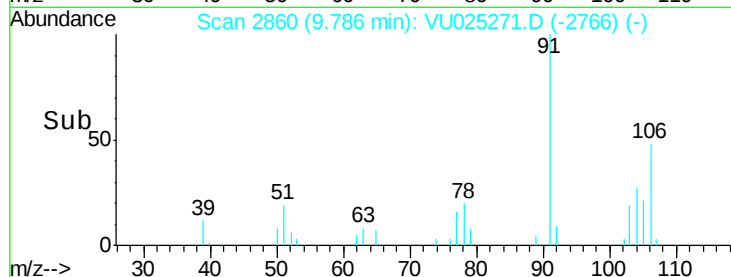
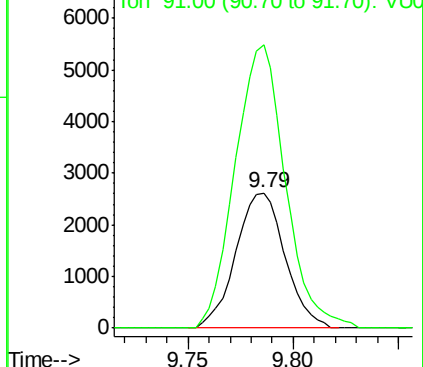
#69
o-Xylene
Concen: 1.056 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 4248
Ion Ratio Lower Upper
106 100
91 213.8 105.3 315.8

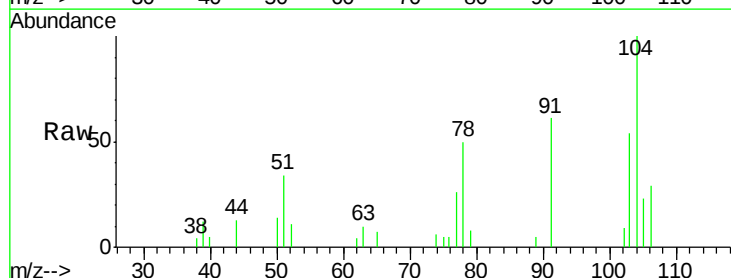


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

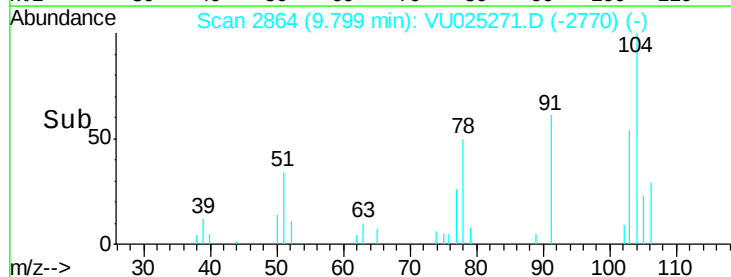
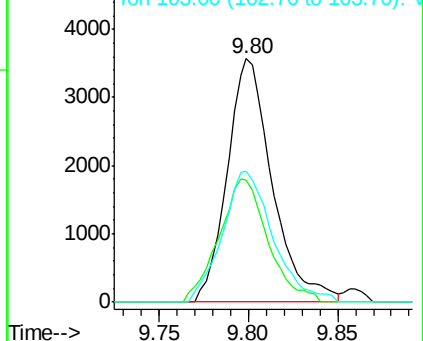


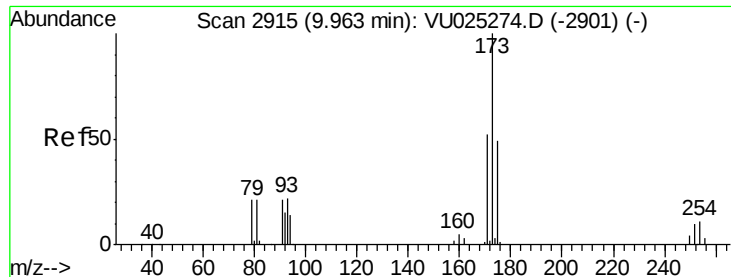
#70
Styrene
Concen: 0.982 ug/l
RT: 9.80 min Scan# 2864
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion:104 Resp: 6273
Ion Ratio Lower Upper
104 100
78 54.9 41.6 62.4
103 60.2 44.6 66.8



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





#71

Bromoform

Concen: 0.957 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

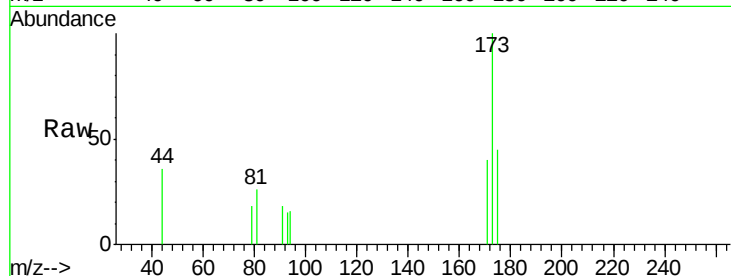
Tgt Ion:173 Resp: 1805

Ion Ratio Lower Upper

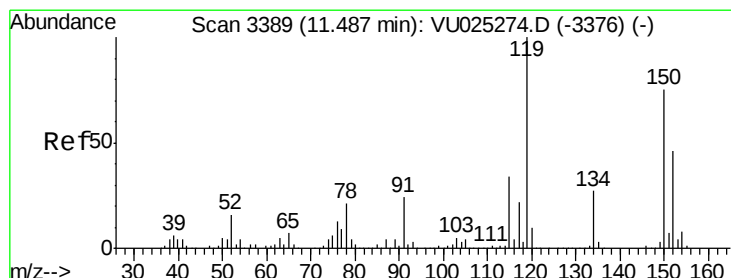
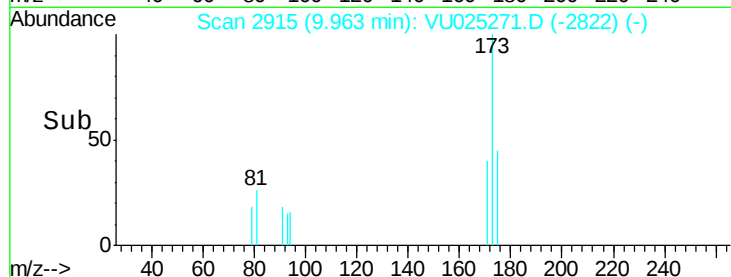
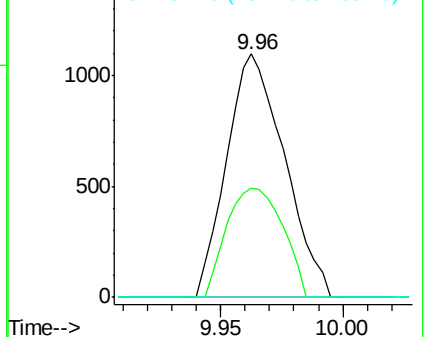
173 100

175 43.6 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: VU025271.D

Acq: 09 Jul 2018 13:09

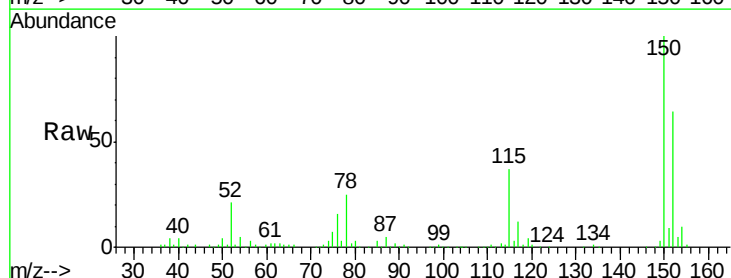
Tgt Ion:152 Resp: 119439

Ion Ratio Lower Upper

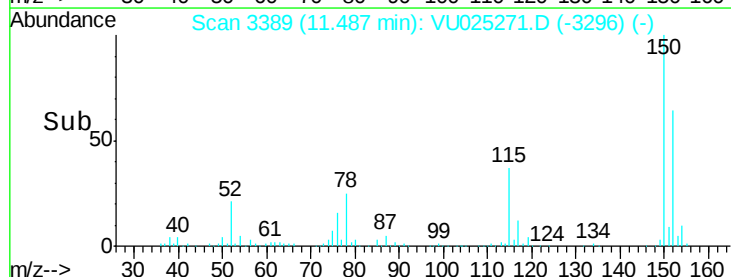
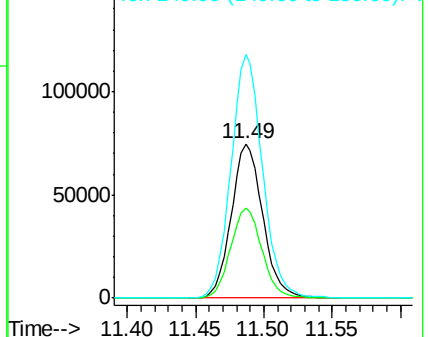
152 100

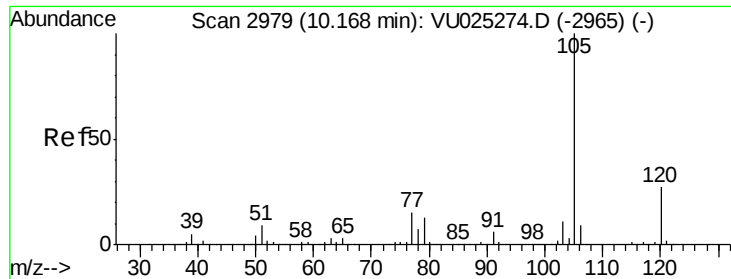
115 58.4 40.1 120.3

150 158.4 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: 1.140 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

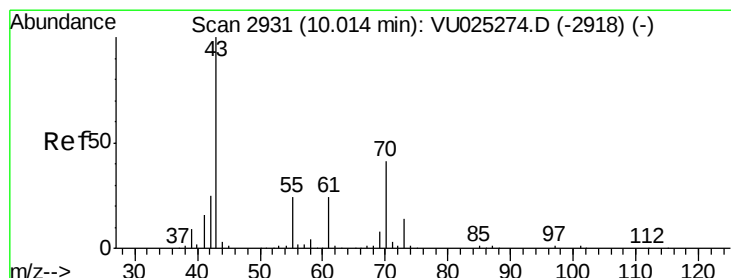
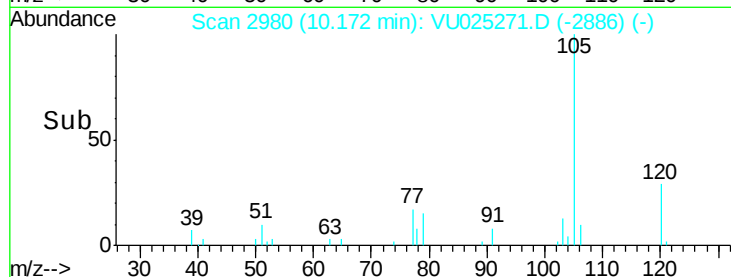
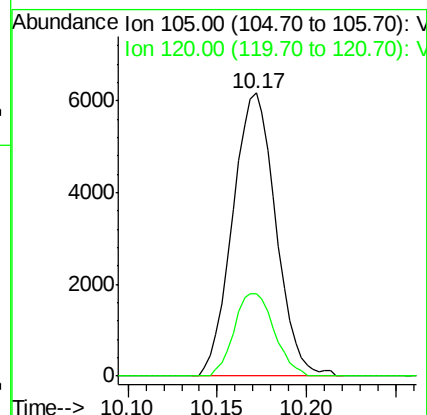
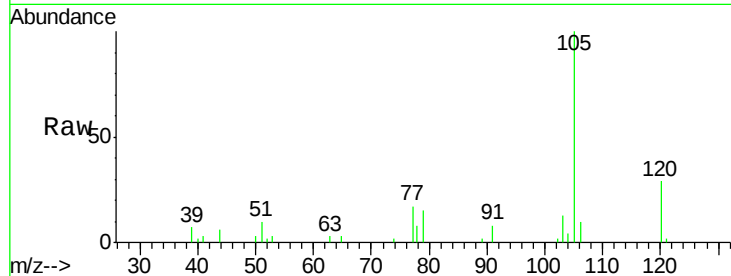
VSTDIC001

Tgt Ion: 105 Resp: 10406

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-ethyl acetate

Concen: 1.077 ug/l

RT: 10.02 min Scan# 2933

Delta R.T. 0.01 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Tgt Ion: 43 Resp: 4268

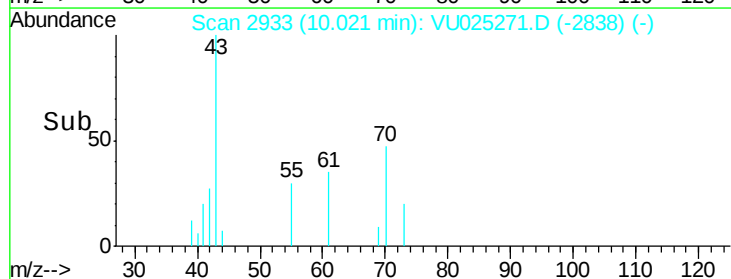
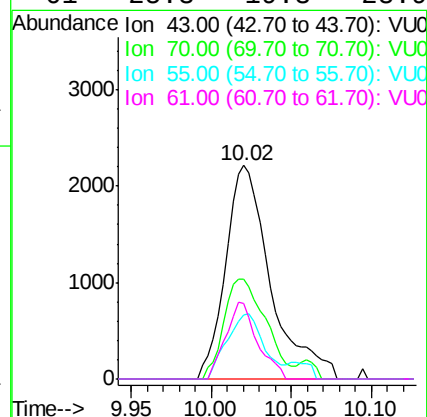
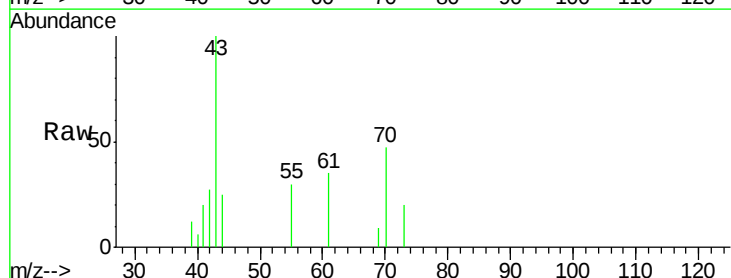
Ion Ratio Lower Upper

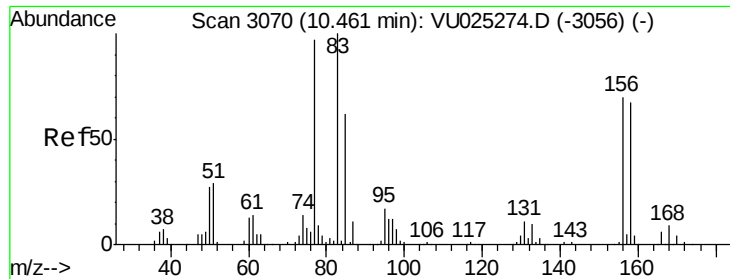
43 100

70 44.0 33.4 50.2

55 25.4 19.0 28.6

61 25.3 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 1.212 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. -0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

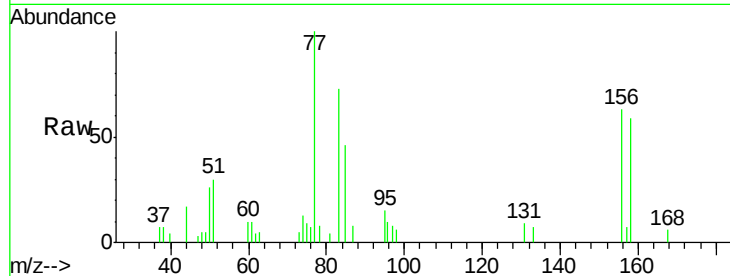
Tgt Ion: 83 Resp: 3618

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

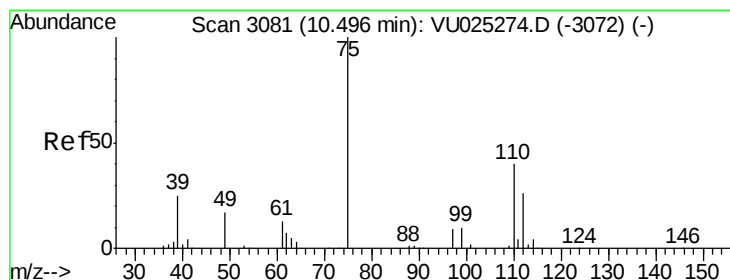
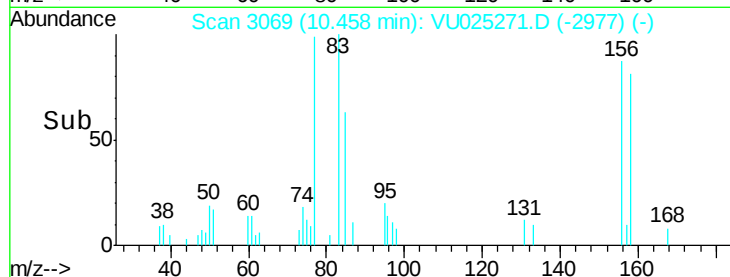
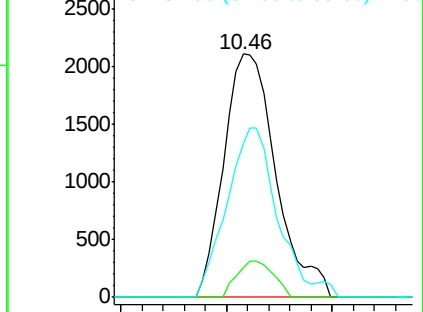
85 68.0 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 1.657 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025271.D

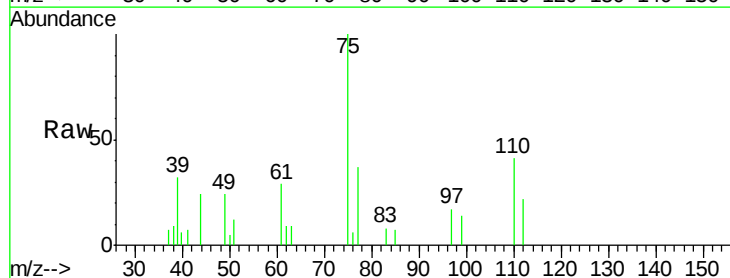
Acq: 09 Jul 2018 13:09

Tgt Ion: 75 Resp: 4464

Ion Ratio Lower Upper

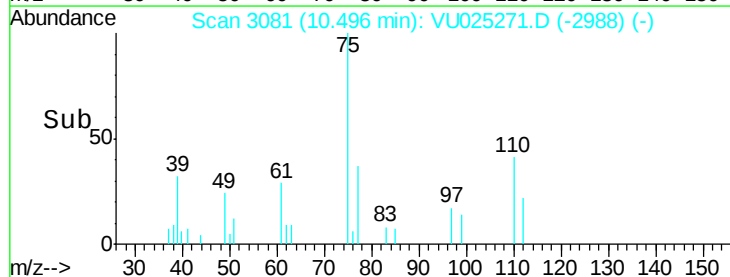
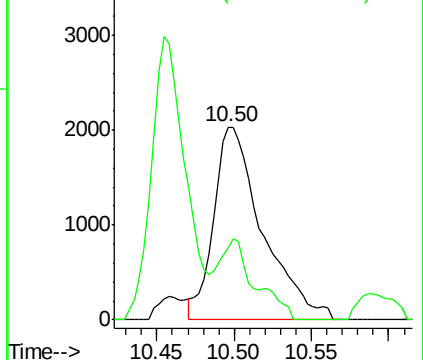
75 100

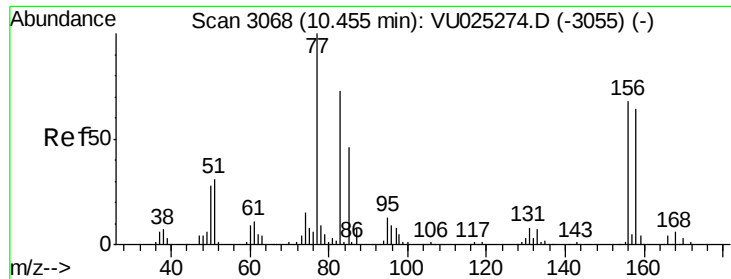
77 31.7 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 1.244 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

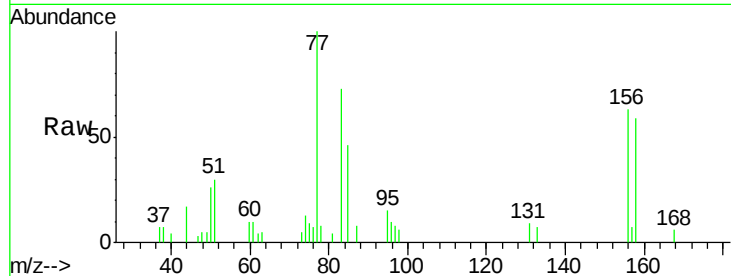
Tgt Ion:156 Resp: 2904

Ion Ratio Lower Upper

156 100

77 156.6 73.8 221.4

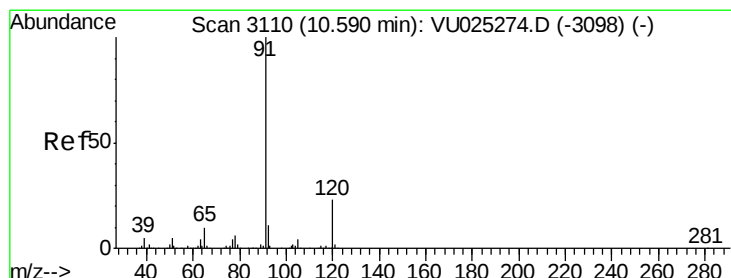
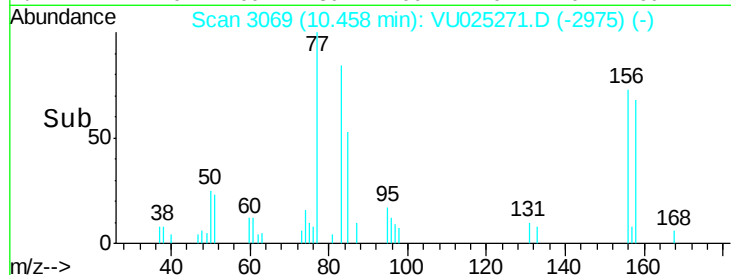
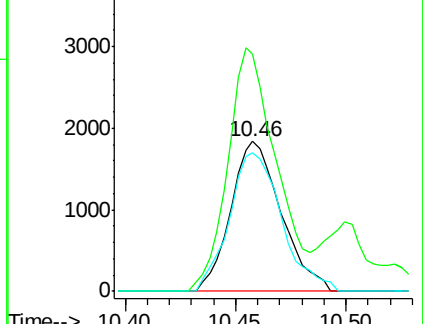
158 96.1 48.0 144.0



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: 1.205 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025271.D

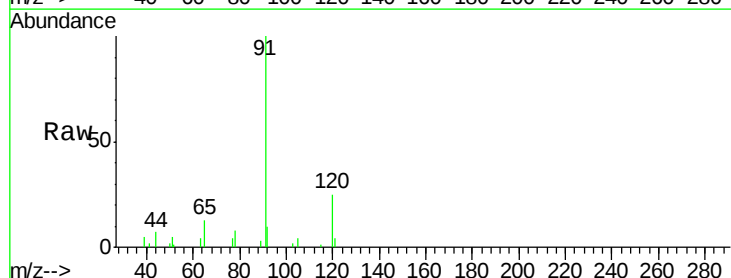
Acq: 09 Jul 2018 13:09

Tgt Ion: 91 Resp: 12206

Ion Ratio Lower Upper

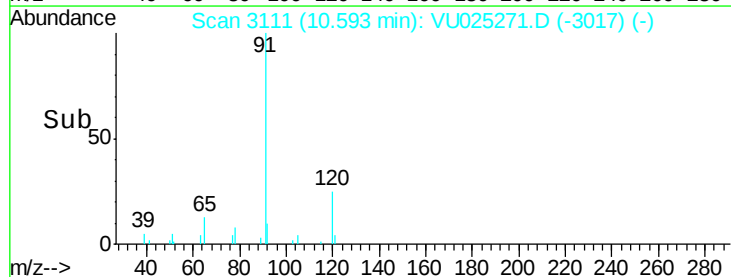
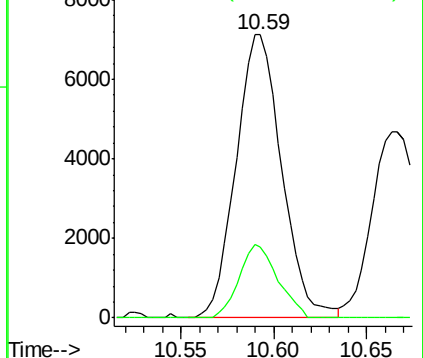
91 100

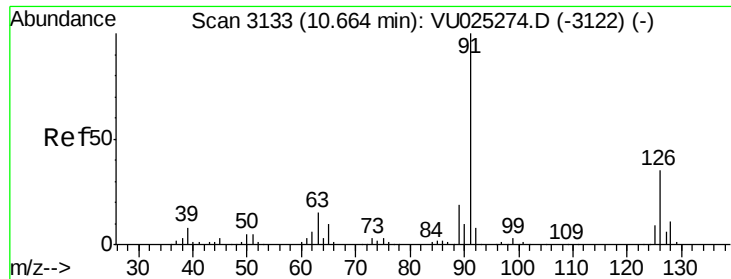
120 21.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

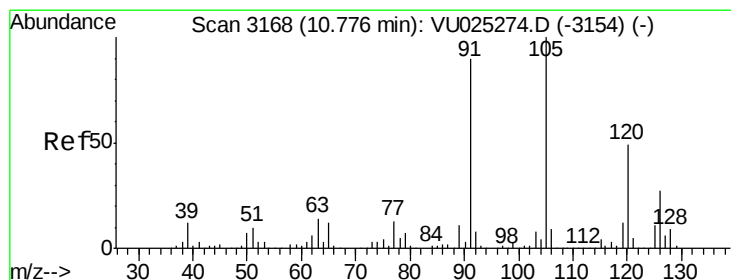
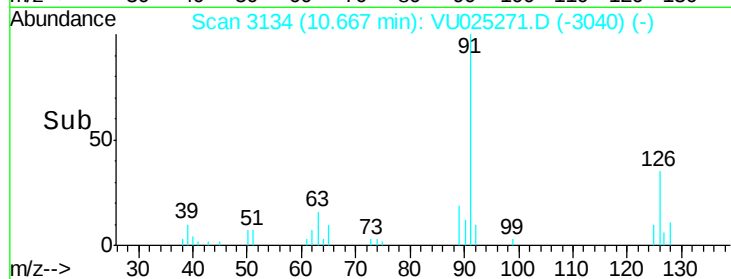
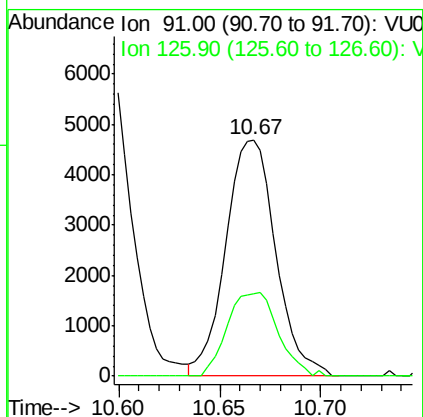
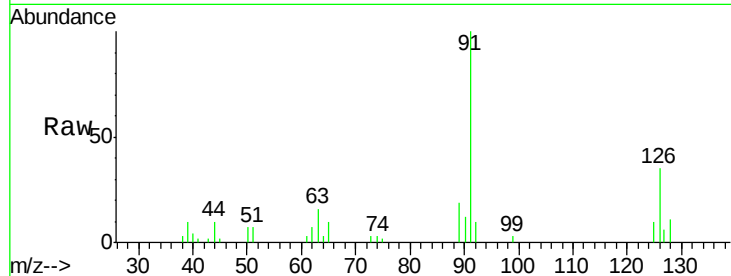




#79
 2-Chlorotoluene
 Concen: 1.287 ug/l
 RT: 10.67 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

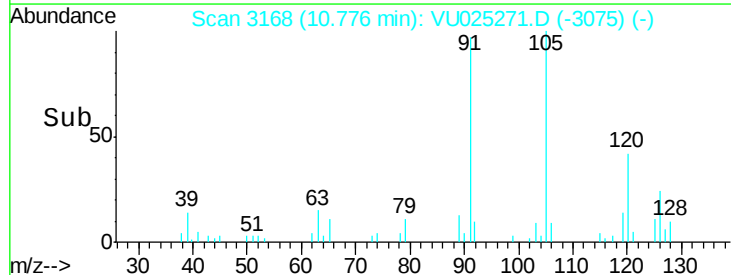
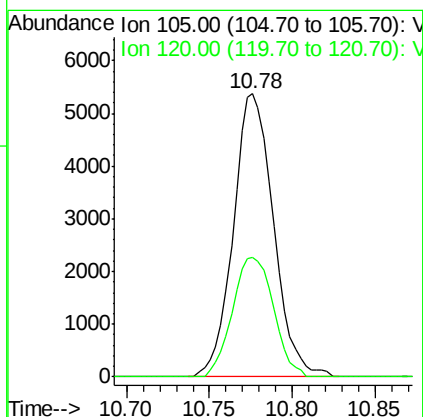
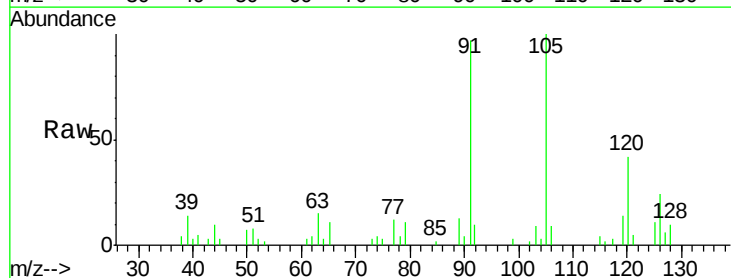
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

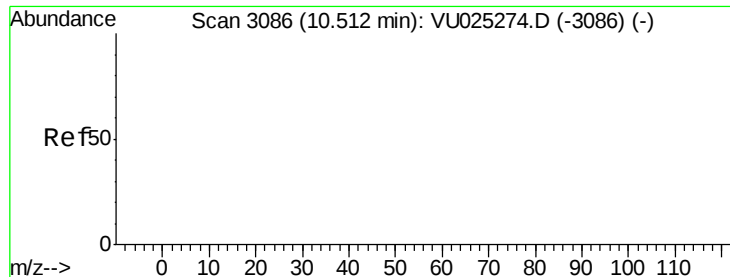
Tgt Ion: 91 Resp: 8154
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.177 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Tgt Ion: 105 Resp: 9041
 Ion Ratio Lower Upper
 105 100
 120 43.2 24.1 72.2

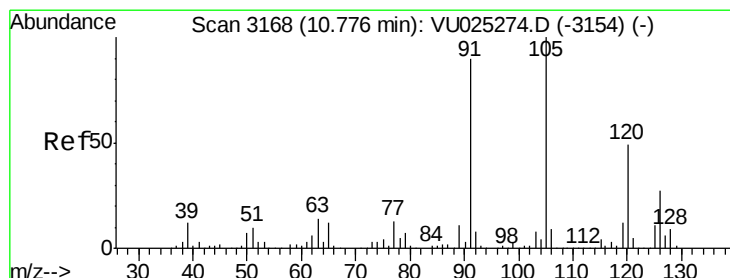
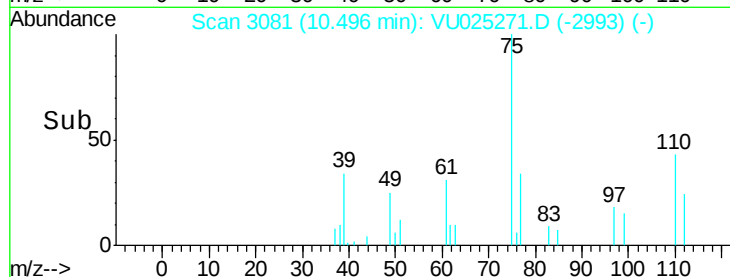
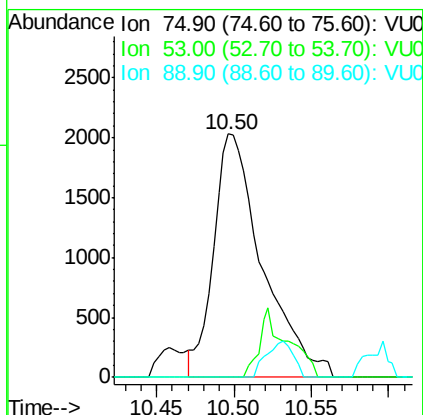
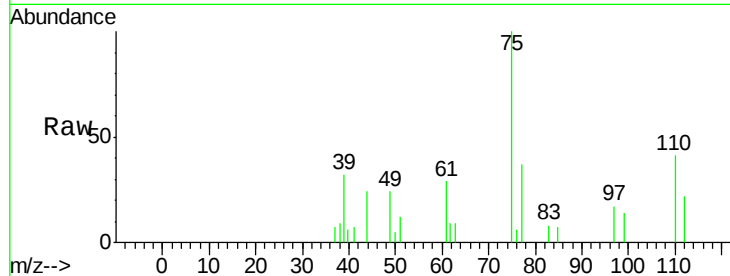




#81
trans-1,4-Dichloro-2-butene
Concen: 4.549 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

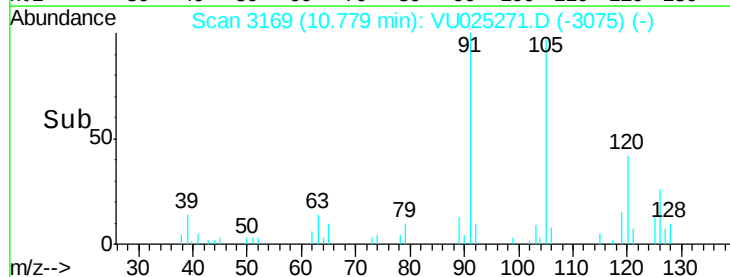
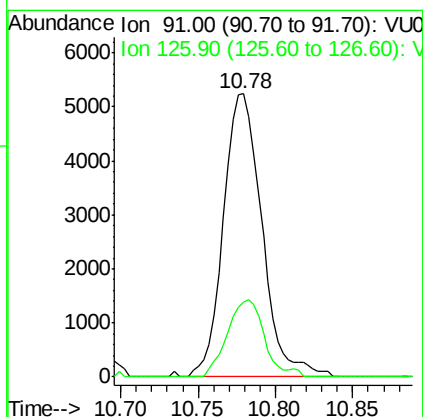
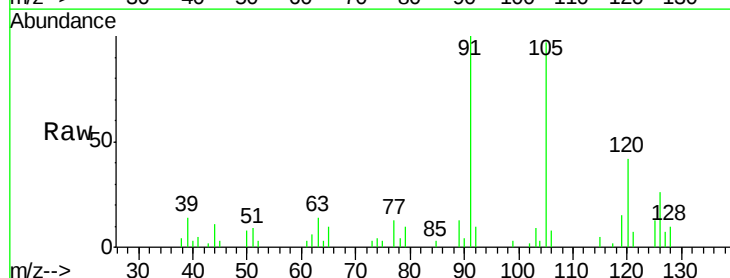
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

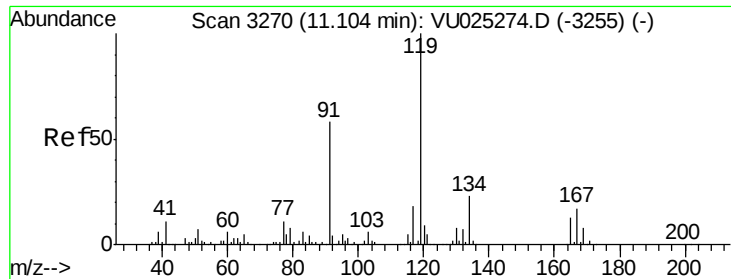
Tgt Ion: 75 Resp: 4464
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 1.266 ug/l
RT: 10.78 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 91 Resp: 9078
Ion Ratio Lower Upper
91 100
126 26.0 15.3 45.9

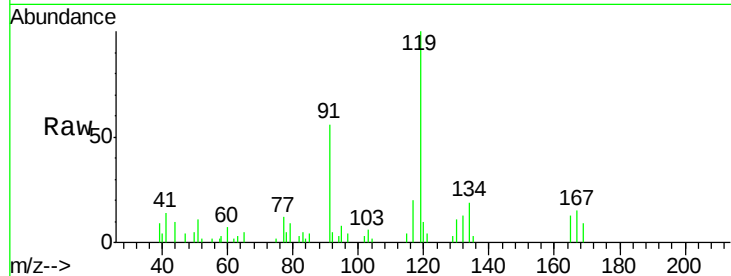




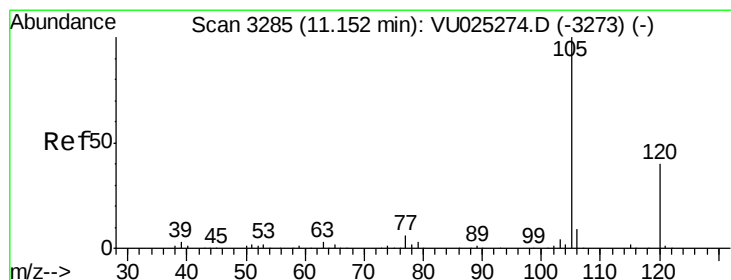
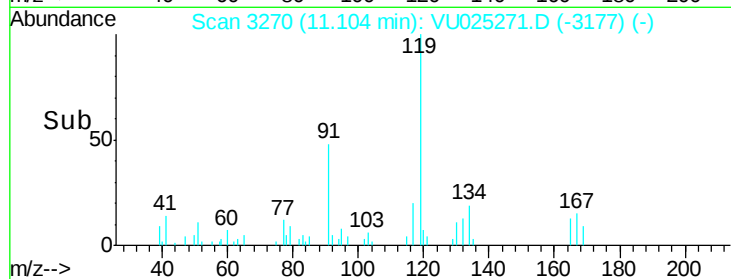
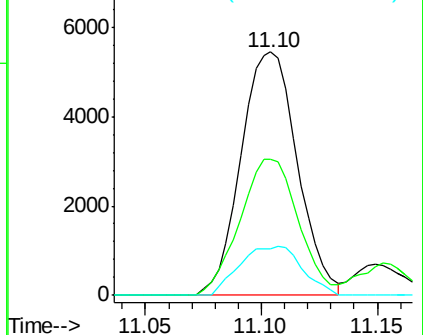
#83
 tert-Butylbenzene
 Concen: 1.183 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 9182
 Ion Ratio Lower Upper
 119 100
 91 58.3 29.7 89.1
 134 22.2 11.5 34.5

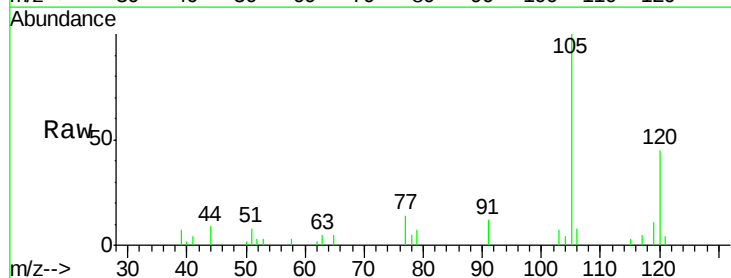


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

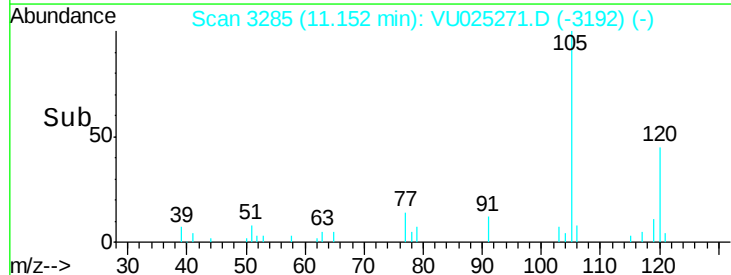
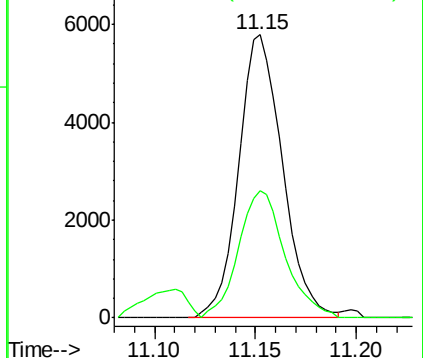


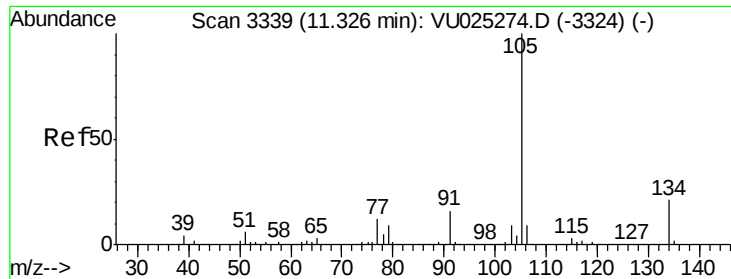
#84
 1,2,4-Trimethylbenzene
 Concen: 1.120 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Tgt Ion:105 Resp: 8818
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.3 66.8



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

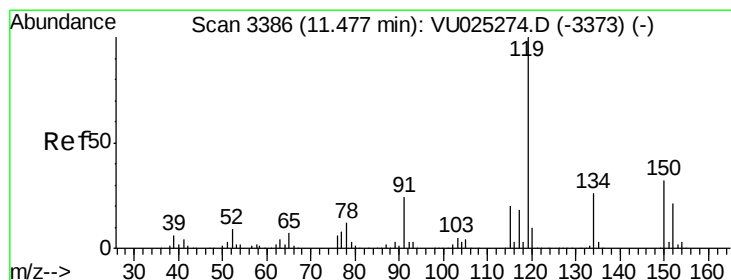
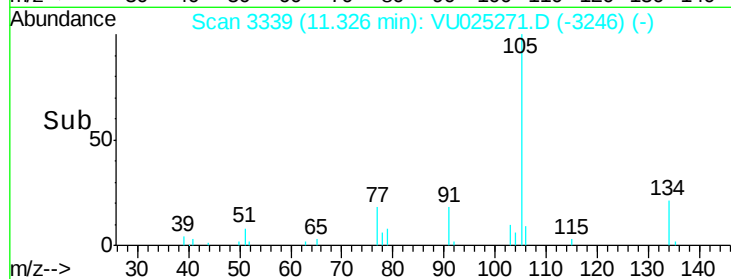
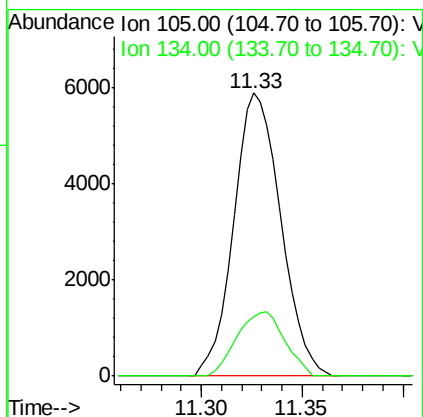
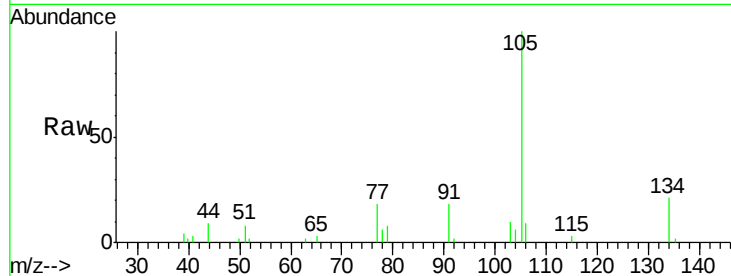




#85
 sec-Butylbenzene
 Concen: 1.054 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

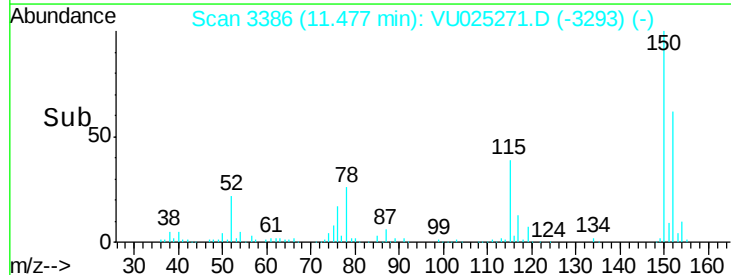
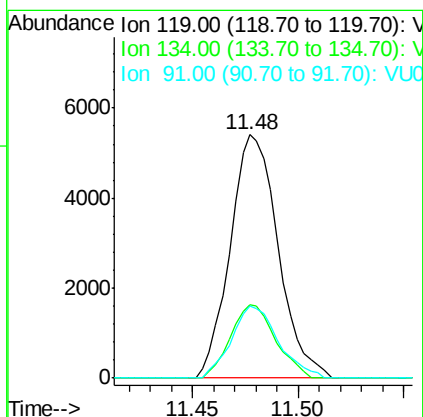
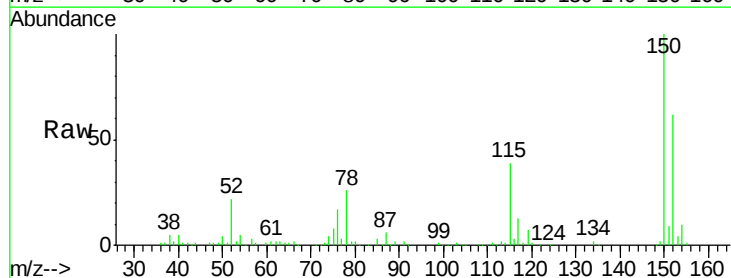
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

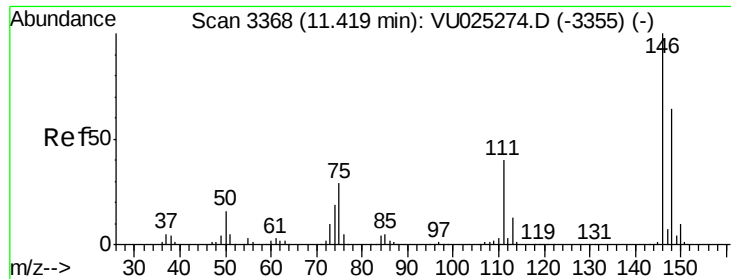
Tgt Ion:105 Resp: 9626
 Ion Ratio Lower Upper
 105 100
 134 23.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 1.053 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Tgt Ion:119 Resp: 8520
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.2 39.5
 91 29.0 12.0 36.1

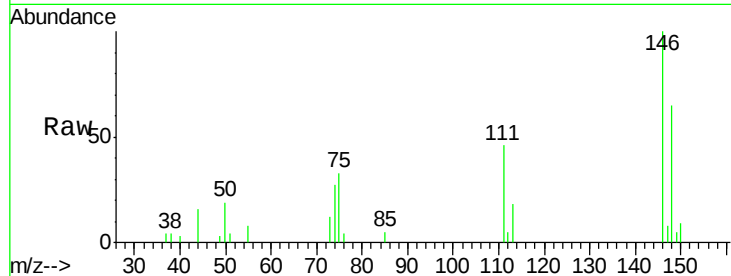




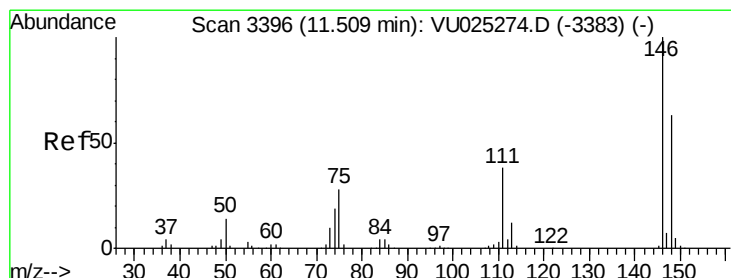
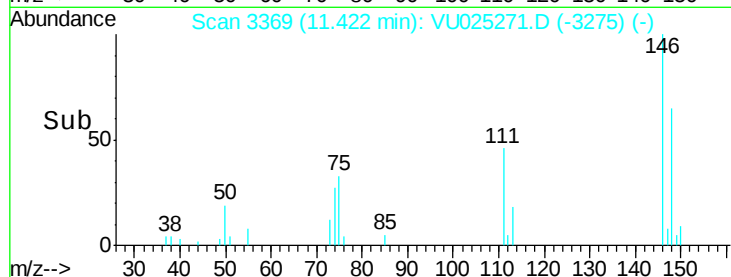
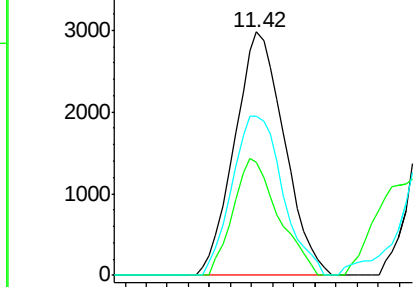
#87
 1,3-Dichlorobenzene
 Concen: 1.145 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:146 Resp: 4886
 Ion Ratio Lower Upper
 146 100
 111 43.5 19.7 59.1
 148 66.6 32.1 96.3

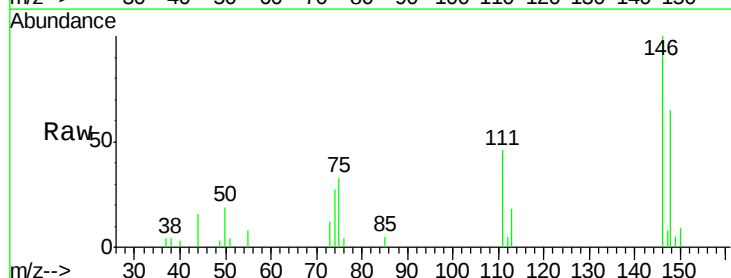


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

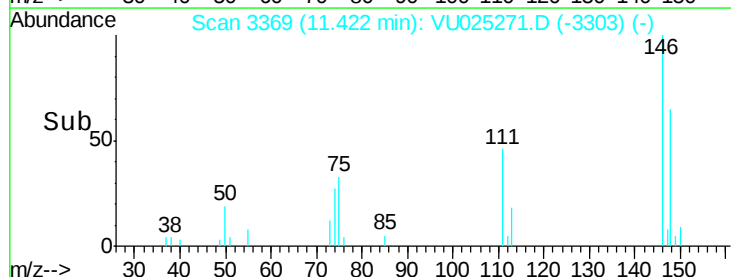
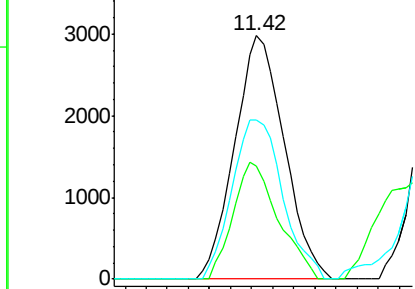


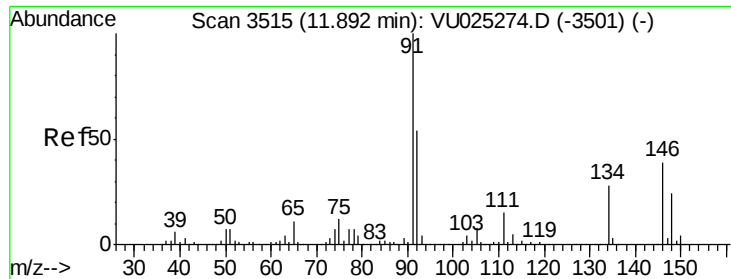
#88
 1,4-Dichlorobenzene
 Concen: 1.115 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. -0.09 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Tgt Ion:146 Resp: 4886
 Ion Ratio Lower Upper
 146 100
 111 43.5 19.4 58.1
 148 66.6 31.7 95.1



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

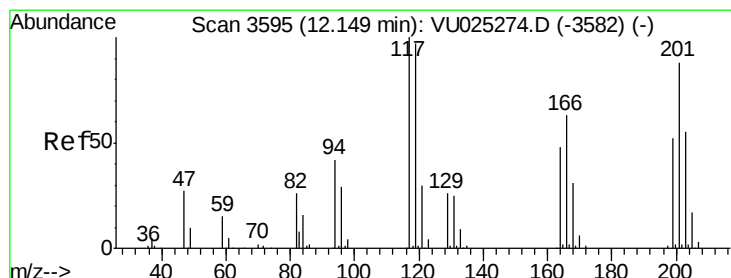
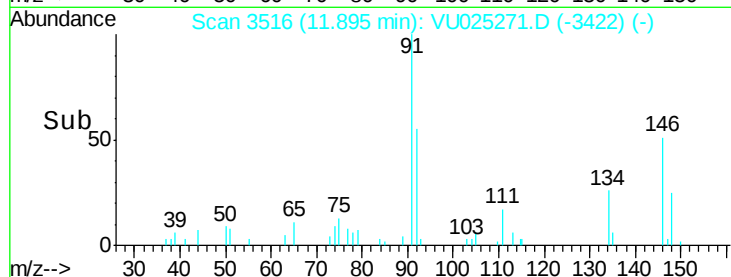
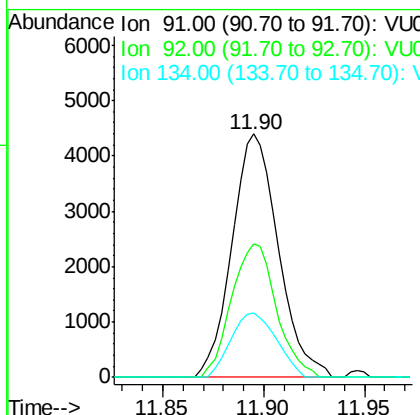
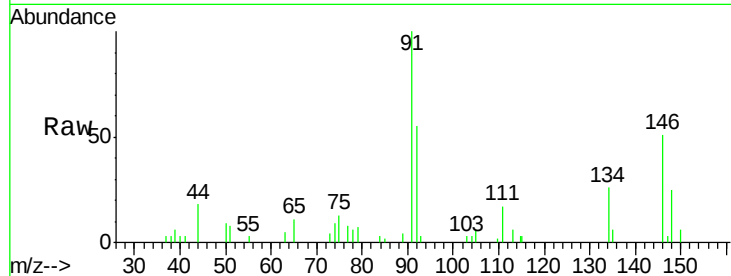




#89
n-Butylbenzene
Concen: 1.065 ug/l
RT: 11.90 min Scan# 3516
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

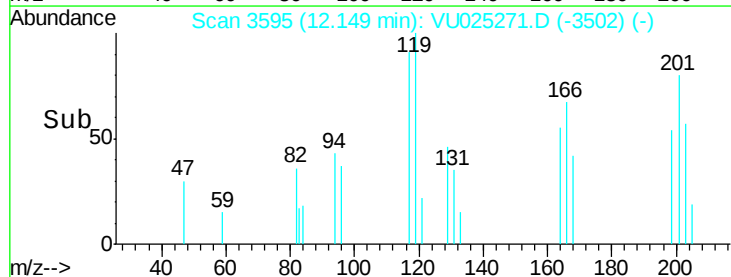
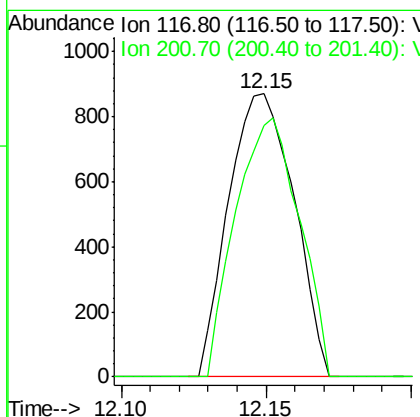
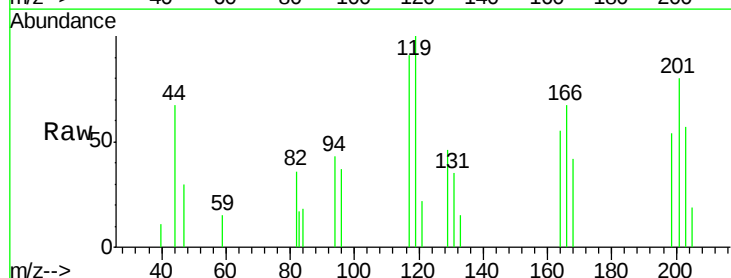
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

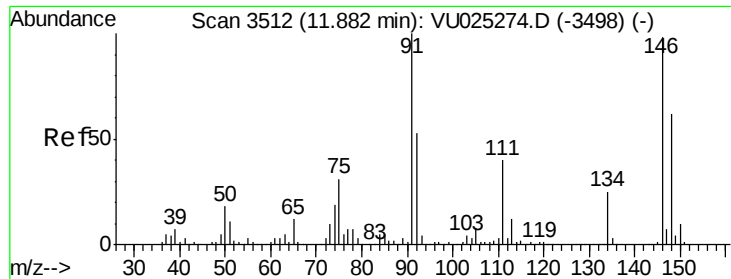
Tgt Ion: 91 Resp: 7083
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 25.8 13.6 40.7



#90
Hexachloroethane
Concen: 0.994 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion: 117 Resp: 1362
Ion Ratio Lower Upper
117 100
201 89.1 42.5 127.6





#91

1,2-Dichlorobenzene

Concen: 1.234 ug/l

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

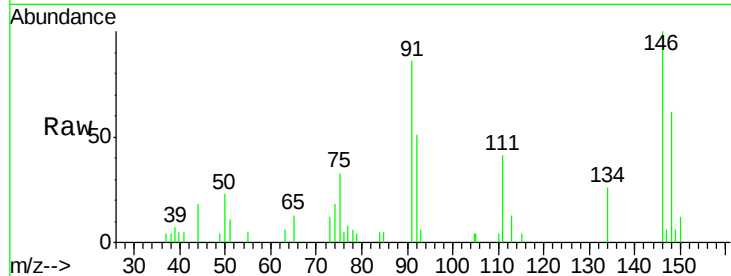
Tgt Ion:146 Resp: 5317

Ion Ratio Lower Upper

146 100

111 40.3 20.6 61.8

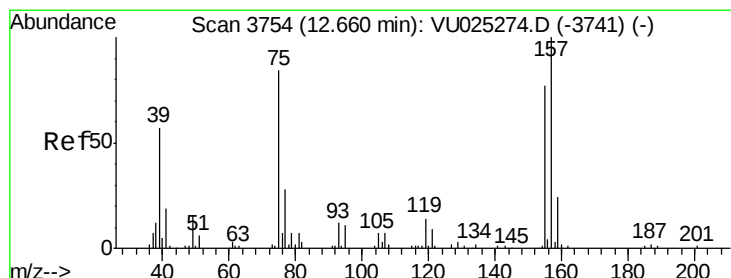
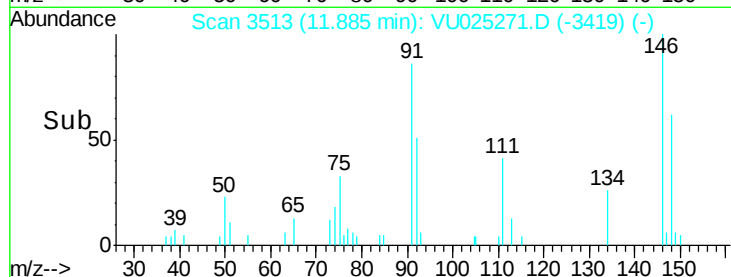
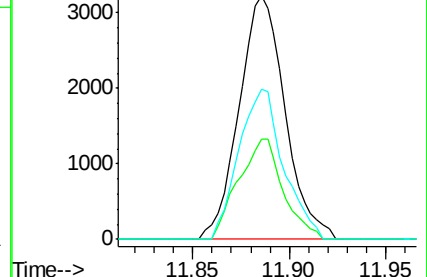
148 60.2 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.094 ug/l

RT: 12.66 min Scan# 3755

Delta R.T. 0.00 min

Lab File: VU025271.D

Acq: 09 Jul 2018 13:09

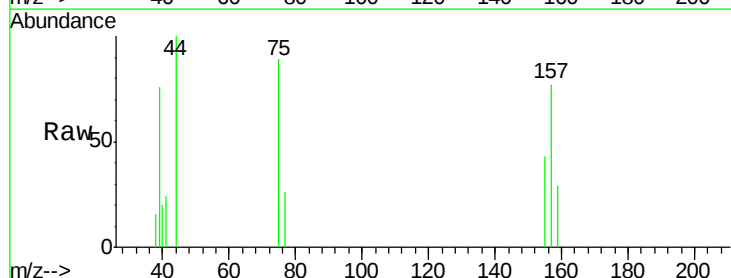
Tgt Ion: 75 Resp: 792

Ion Ratio Lower Upper

75 100

155 75.3 44.5 133.3

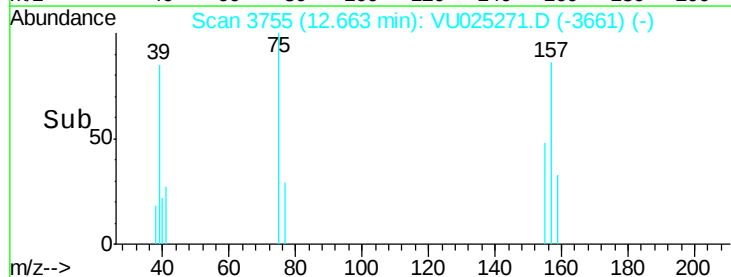
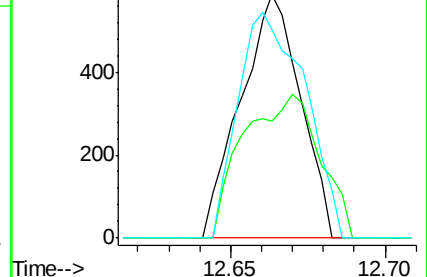
157 104.3 57.0 170.8

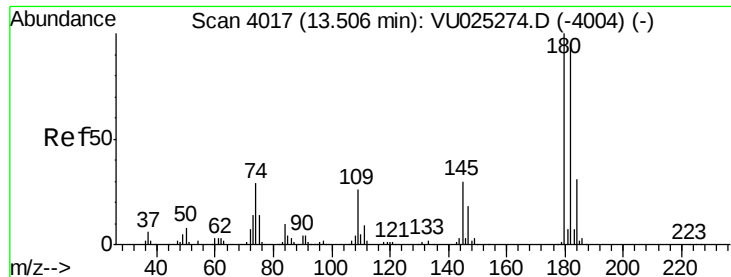


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

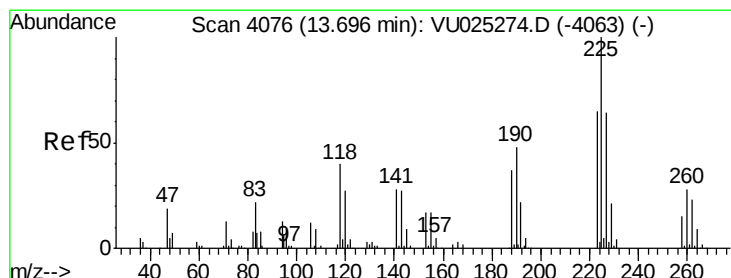
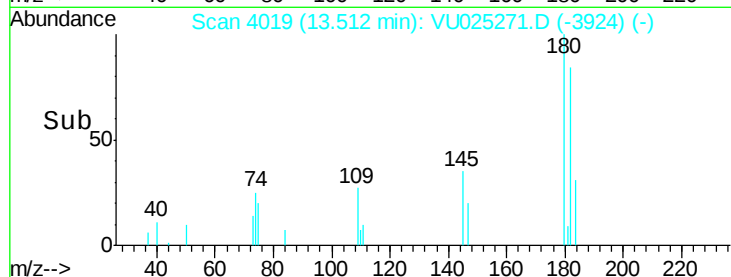
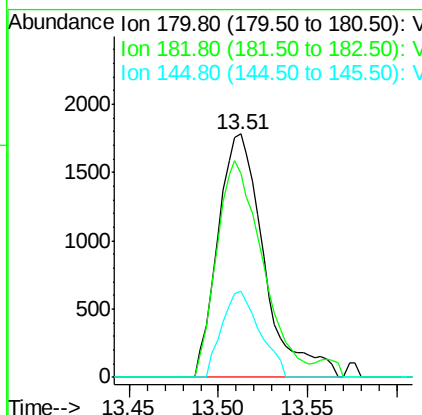
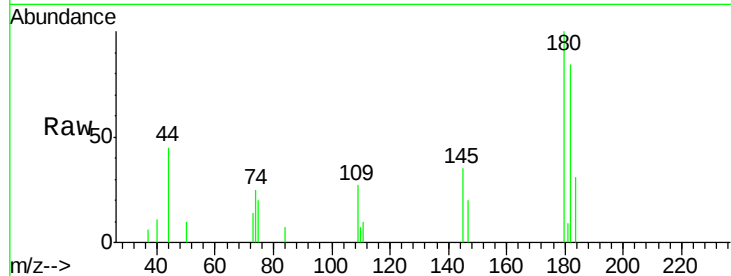




#93
 1,2,4-Trichlorobenzene
 Concen: 1.137 ug/l
 RT: 13.51 min Scan# 4019
 Delta R.T. 0.01 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

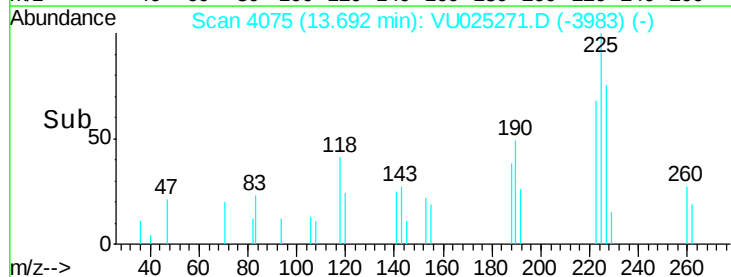
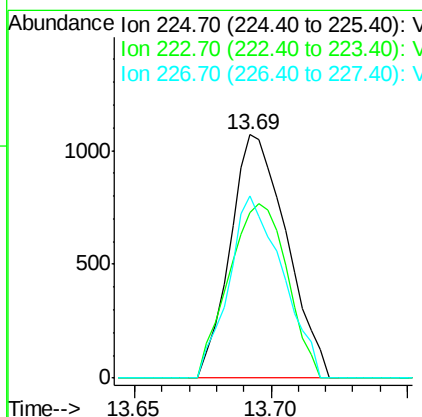
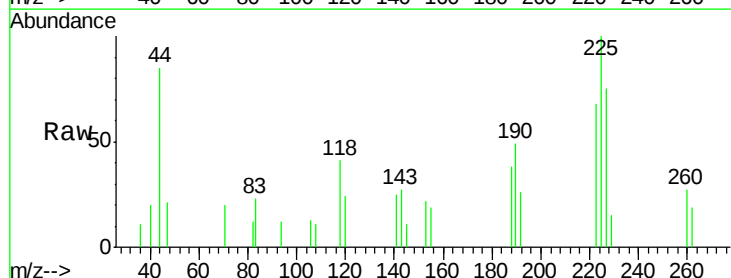
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

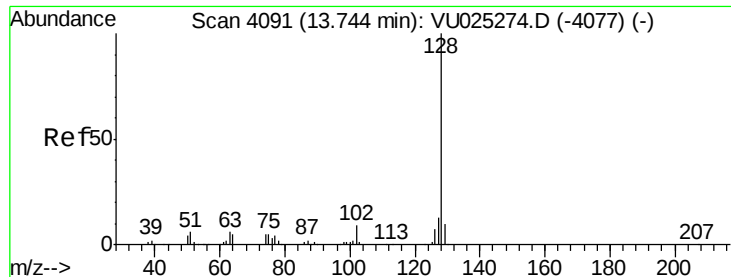
Tgt Ion:180 Resp: 3209
 Ion Ratio Lower Upper
 180 100
 182 88.2 47.3 141.9
 145 28.9 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 0.995 ug/l
 RT: 13.69 min Scan# 4075
 Delta R.T. -0.00 min
 Lab File: VU025271.D
 Acq: 09 Jul 2018 13:09

Tgt Ion:225 Resp: 1533
 Ion Ratio Lower Upper
 225 100
 223 74.1 31.9 95.7
 227 71.2 32.3 96.9

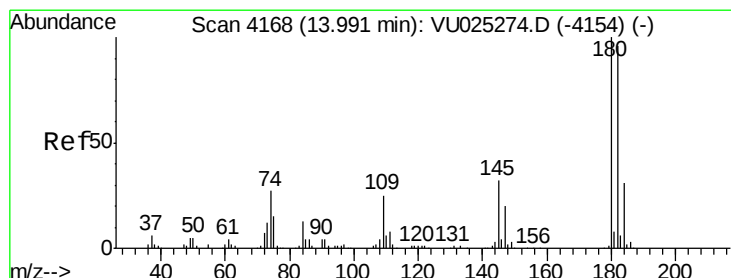
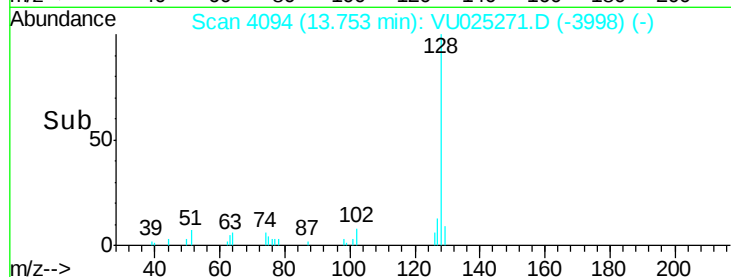
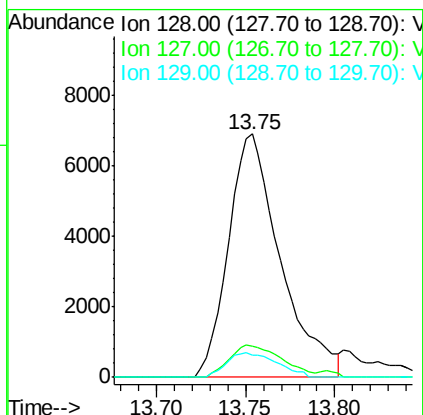
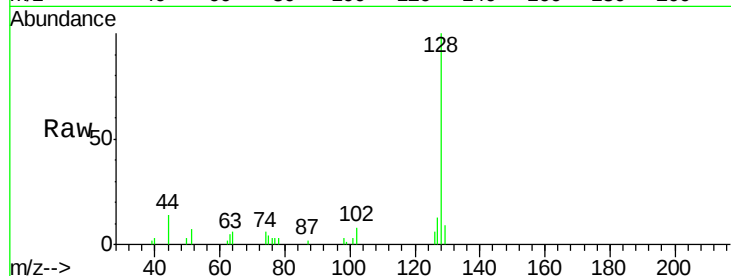




#95
Naphthalene
Concen: 1.445 ug/l
RT: 13.75 min Scan# 4094
Delta R.T. 0.01 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 14033
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 9.7 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 1.193 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025271.D
Acq: 09 Jul 2018 13:09

Tgt Ion:180 Resp: 3633
Ion Ratio Lower Upper
180 100
182 101.4 47.8 143.3
145 32.2 15.6 46.8

