

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
 Data File : VU025279.D
 Acq On : 09 Jul 2018 17:28
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

Quant Time: Jul 10 02:10:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 02:07:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	169413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	249182	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	233790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	139146	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	108714	41.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.60%	
35) Dibromofluoromethane	4.89	113	88944	42.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.62%	
50) Toluene-d8	7.57	98	296180	41.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.30%	
62) 4-Bromofluorobenzene	10.31	95	121595	41.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	63697	36.331	ug/l	100
3) Chloromethane	1.33	50	68579	39.379	ug/l	98
4) Vinyl Chloride	1.40	62	72301	37.527	ug/l	99
5) Bromomethane	1.62	94	49653	50.542	ug/l	99
6) Chloroethane	1.69	64	46960	38.395	ug/l	97
7) Trichlorofluoromethane	1.89	101	113426	37.460	ug/l	99
8) Diethyl Ether	2.10	74	43945	38.675	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	71258	37.976	ug/l	99
10) Methyl Iodide	2.41	142	62948	31.313	ug/l	99
11) Tert butyl alcohol	2.82	59	108896	191.408	ug/l	99
12) 1,1-Dichloroethene	2.28	96	65082	37.898	ug/l	96
13) Acrolein	2.19	56	83589	208.647	ug/l	99
14) Allyl chloride	2.59	41	111247	35.720	ug/l	99
15) Acrylonitrile	2.93	53	220448	186.743	ug/l	100
16) Acetone	2.32	43	263124	196.962	ug/l	99
17) Carbon Disulfide	2.48	76	183377	37.061	ug/l	100
18) Methyl Acetate	2.62	43	100727	37.378	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	249883	38.255	ug/l	99
20) Methylene Chloride	2.70	84	78614	38.765	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	71538	36.453	ug/l	97
22) Diisopropyl ether	3.57	45	240533	37.818	ug/l	95
23) Vinyl Acetate	3.53	43	1080979	193.743	ug/l	99
24) 1,1-Dichloroethane	3.45	63	137831	38.425	ug/l	99
25) 2-Butanone	4.26	43	347123	190.275	ug/l	99
26) 2,2-Dichloropropane	4.23	77	129990	37.690	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	83462	36.757	ug/l	96
28) Bromochloromethane	4.55	49	86938	50.192	ug/l	98
29) Tetrahydrofuran	4.64	42	198426	181.335	ug/l	99
30) Chloroform	4.68	83	145995	38.433	ug/l	97
31) Cyclohexane	5.00	56	127028	38.387	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	131404	38.170	ug/l	99
36) 1,1-Dichloropropene	5.14	75	103440	37.340	ug/l	98
37) Ethyl Acetate	4.38	43	119930	38.819	ug/l	99
38) Carbon Tetrachloride	5.14	117	117436	39.386	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	131354	38.014	ug/l	99
40) Benzene	5.39	78	304211	38.106	ug/l	99
41) Methacrylonitrile	4.54	41	65334	38.142	ug/l	98
42) 1,2-Dichloroethane	5.41	62	122969	38.750	ug/l	99
43) Isopropyl Acetate	5.55	43	188395	38.079	ug/l	100
44) Trichloroethene	6.19	130	85026	37.092	ug/l	99
45) 1,2-Dichloropropane	6.44	63	80380	38.441	ug/l	99
46) Dibromomethane	6.56	93	58232	38.268	ug/l	99
47) Bromodichloromethane	6.76	83	109777	38.835	ug/l	96
48) Methyl methacrylate	6.62	41	94956	38.500	ug/l	99
49) 1,4-Dioxane	6.62	88	45398	764.955	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	606134	188.497	ug/l	100
52) Toluene	7.64	92	196184	38.626	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	120915	38.932	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	129799	39.268	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	80315	37.969	ug/l	98
56) Ethyl methacrylate	8.02	69	125116	37.870	ug/l	99
57) 1,3-Dichloropropane	8.25	76	135156	38.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	293944	198.142	ug/l	99
59) 2-Hexanone	8.36	43	489333	187.607	ug/l	99
60) Dibromochloromethane	8.48	129	90299	39.528	ug/l	99
61) 1,2-Dibromoethane	8.59	107	88926	39.289	ug/l	98
64) Tetrachloroethene	8.23	164	80116	37.593	ug/l	98
65) Chlorobenzene	9.12	112	222582	38.111	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	81240	38.887	ug/l	97
67) Ethyl Benzene	9.25	91	385331	38.700	ug/l	100
68) m/p-Xylenes	9.38	106	300769	78.134	ug/l	99
69) o-Xylene	9.78	106	149421	38.772	ug/l	98
70) Styrene	9.80	104	239169	39.069	ug/l	99
71) Bromoform	9.96	173	69369	35.784	ug/l #	99
73) Isopropylbenzene	10.17	105	404737	38.069	ug/l	99
74) N-amyl acetate	10.01	43	167165	38.709	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	129359	37.191	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	154583	53.728	ug/l	84
77) Bromobenzene	10.45	156	101607	37.357	ug/l	98
78) n-propylbenzene	10.59	91	455115	38.578	ug/l	99
79) 2-Chlorotoluene	10.66	91	276775	40.886	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	349200	39.035	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	154583	139.447	ug/l #	100
82) 4-Chlorotoluene	10.78	91	316952	37.942	ug/l	100
83) tert-Butylbenzene	11.10	119	342919	37.934	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	349655	38.137	ug/l	99
85) sec-Butylbenzene	11.33	105	414432	38.935	ug/l	99
86) p-Isopropyltoluene	11.48	119	366383	38.874	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	184860	37.190	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	185035	38.464	ug/l	98
89) n-Butylbenzene	11.89	91	296545	38.276	ug/l	99
90) Hexachloroethane	12.15	117	61912	38.795	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	188671	37.583	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	32458	38.475	ug/l	96

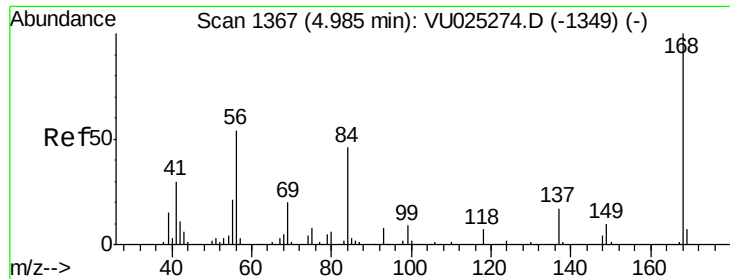
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU070918\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	115893	35.495	ug/l	98
94) Hexachlorobutadiene	13.70	225	66551	37.067	ug/l	99
95) Naphthalene	13.75	128	367106	36.612	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	120103	35.939	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

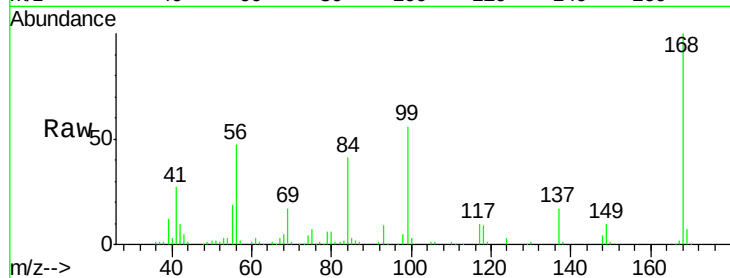
VICVVU070918

Tgt Ion:168 Resp: 169413

Ion Ratio Lower Upper

168 100

99 55.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025279.D (-1274) (-)

Ion 98.90 (98.60 to 99.60): VU025279.D (-1274) (-)

4.99

80000

60000

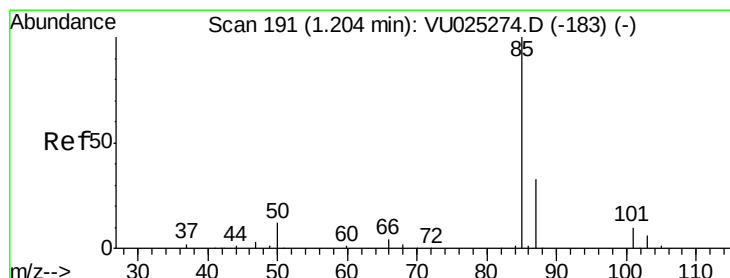
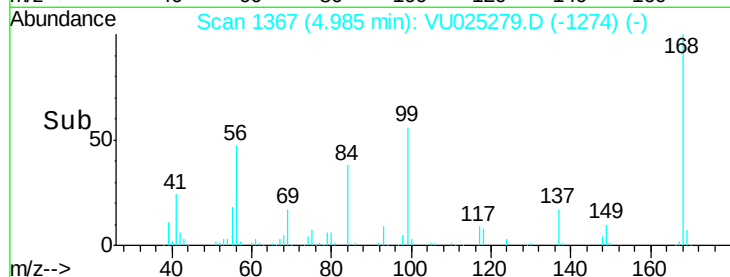
40000

20000

0

Time-->

4.90 5.00 5.10



#2

Dichlorodifluoromethane

Concen: 36.331 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025279.D

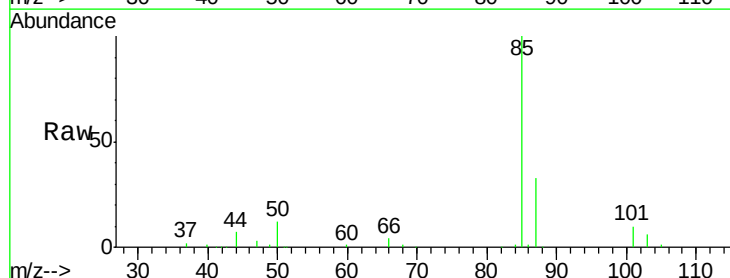
Acq: 09 Jul 2018 17:28

Tgt Ion: 85 Resp: 63697

Ion Ratio Lower Upper

85 100

87 33.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025279.D (-98) (-)

Ion 86.90 (86.60 to 87.60): VU025279.D (-98) (-)

1.20

60000

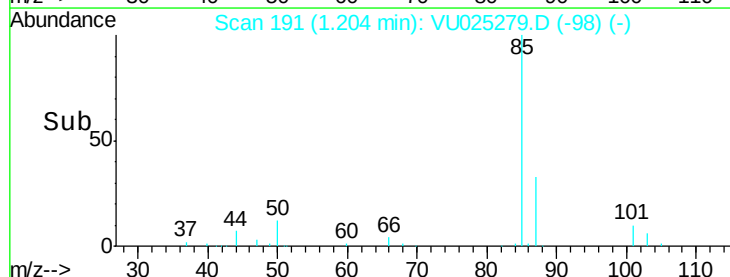
40000

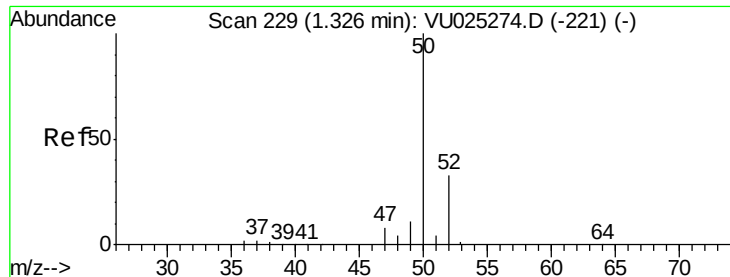
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 39.379 ug/l

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

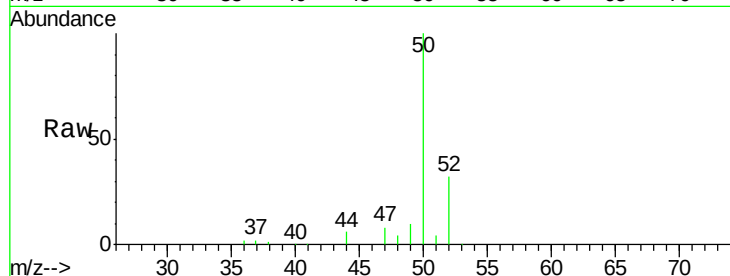
VICVVU070918

Tgt Ion: 50 Resp: 68579

Ion Ratio Lower Upper

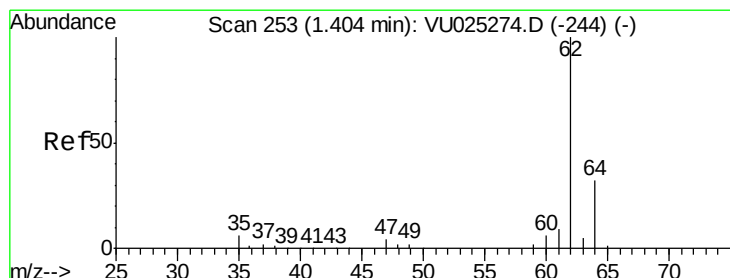
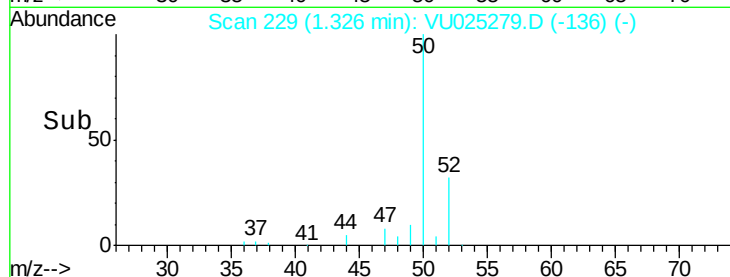
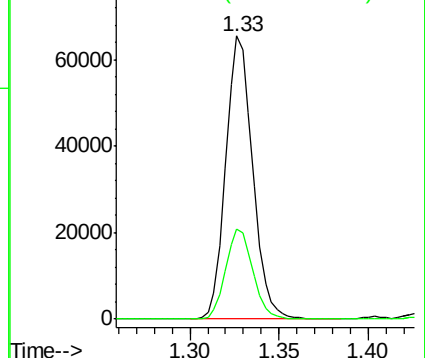
50 100

52 31.8 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: 37.527 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025279.D

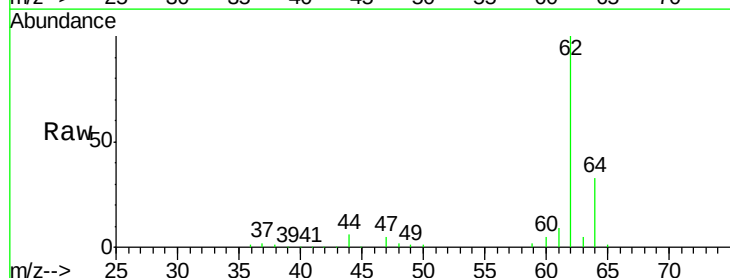
Acq: 09 Jul 2018 17:28

Tgt Ion: 62 Resp: 72301

Ion Ratio Lower Upper

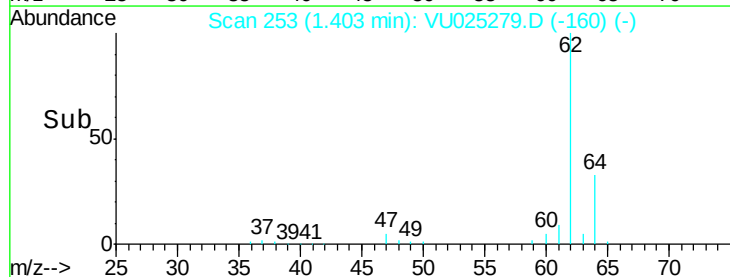
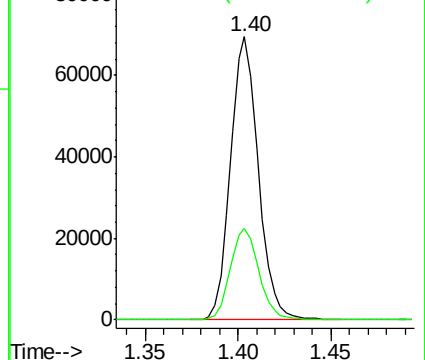
62 100

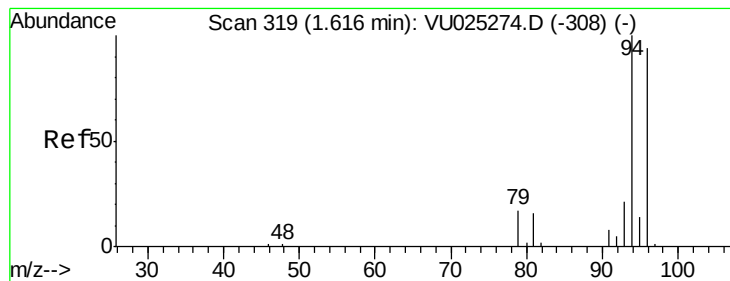
64 32.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 50.542 ug/l

RT: 1.62 min Scan# 319

Delta R.T. 0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

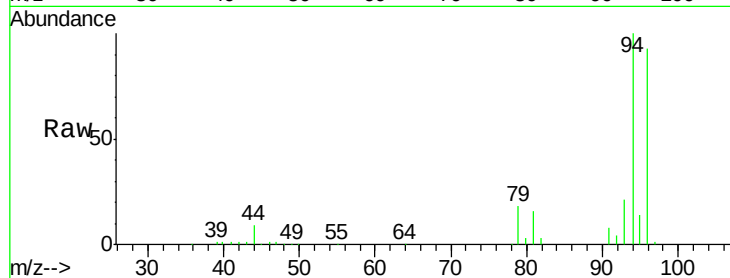
VICVVU070918

Tgt Ion: 94 Resp: 49653

Ion Ratio Lower Upper

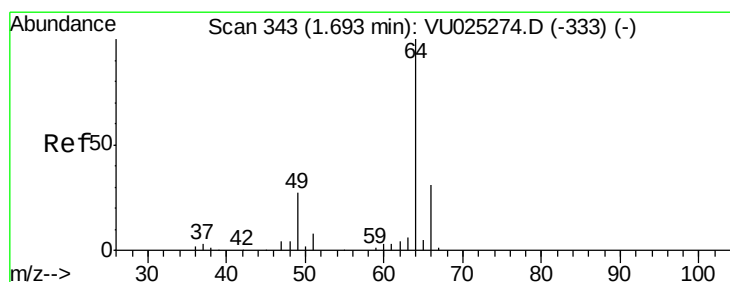
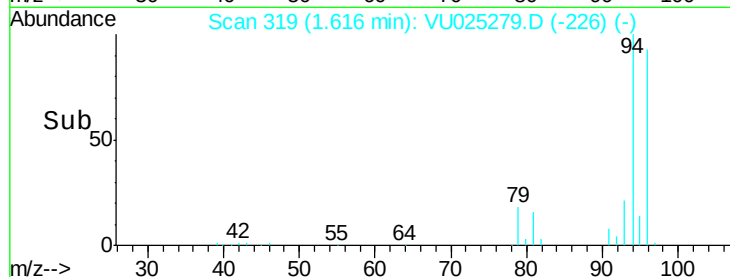
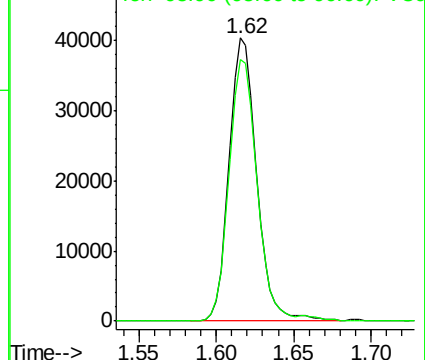
94 100

96 92.5 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 38.395 ug/l

RT: 1.69 min Scan# 343

Delta R.T. 0.00 min

Lab File: VU025279.D

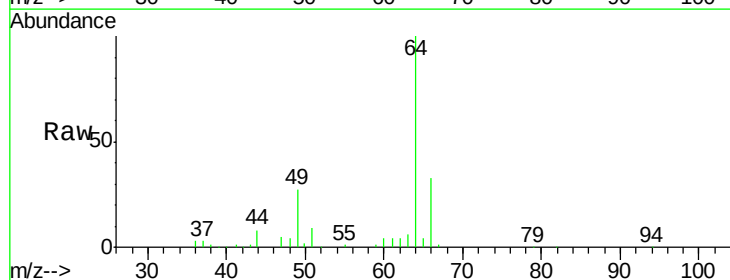
Acq: 09 Jul 2018 17:28

Tgt Ion: 64 Resp: 46960

Ion Ratio Lower Upper

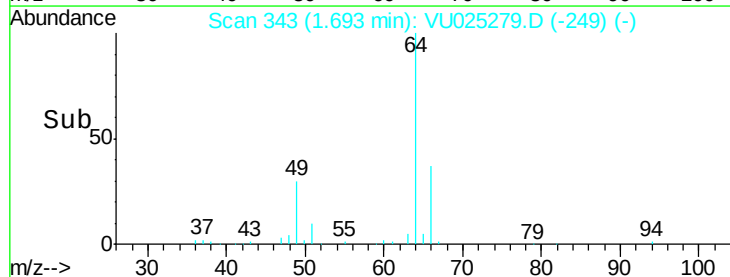
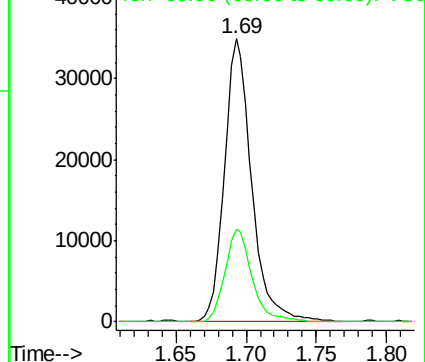
64 100

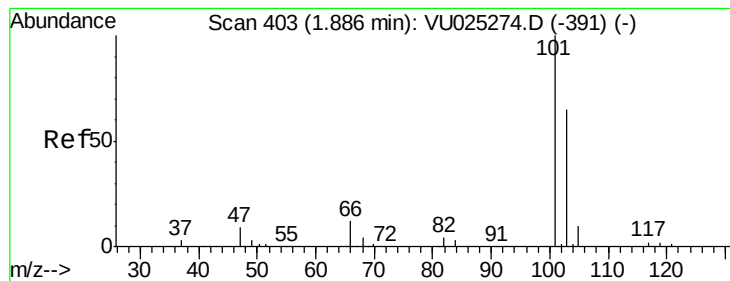
66 32.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



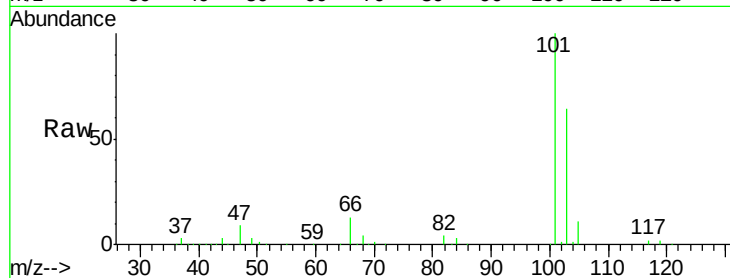


#7

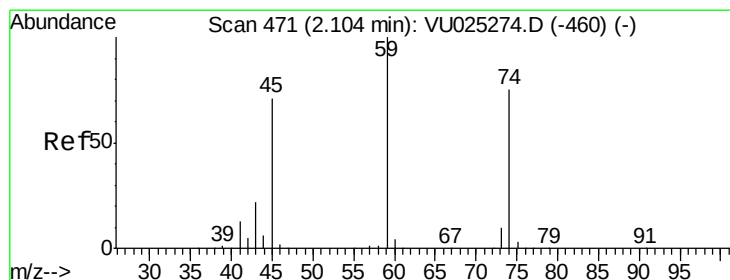
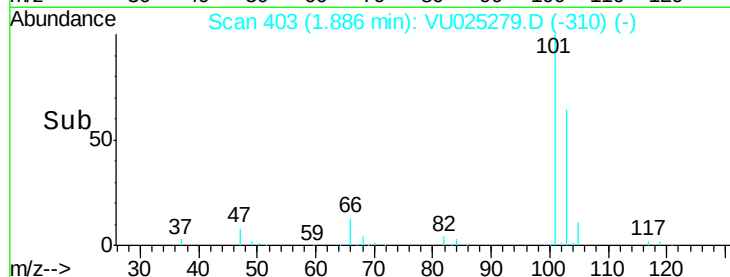
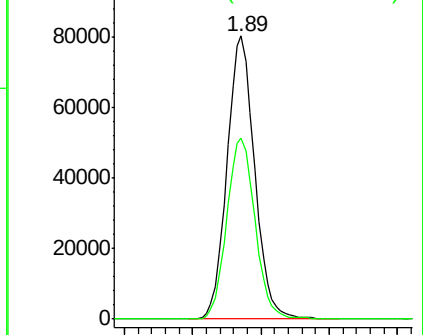
Trichlorofluoromethane
Concen: 37.460 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Instrument :
MSVOA_U
ClientSampleId :
VICVVU070918

Tgt Ion:101 Resp: 113426
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.2



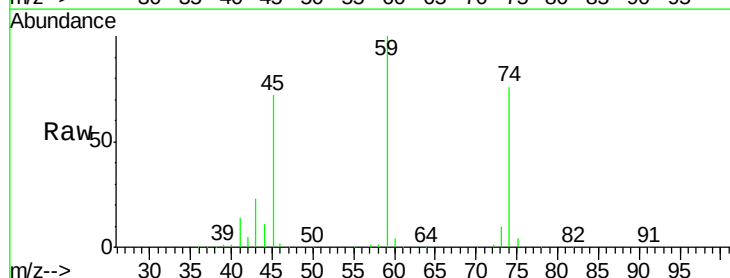
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



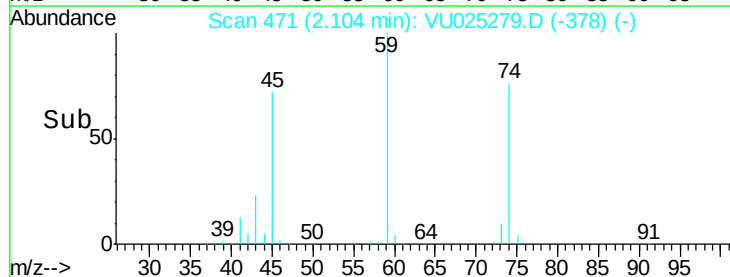
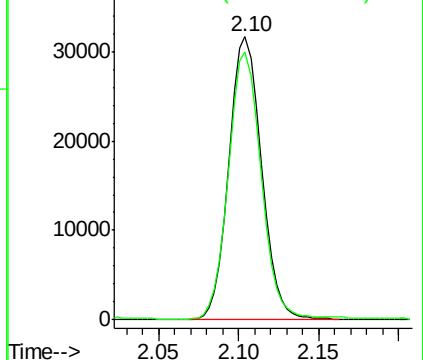
#8

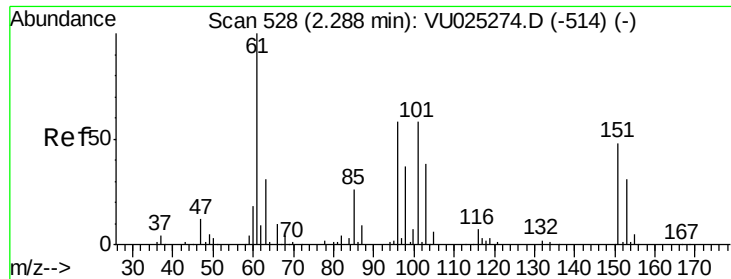
Diethyl Ether
Concen: 38.675 ug/l
RT: 2.10 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Tgt Ion: 74 Resp: 43945
Ion Ratio Lower Upper
74 100
45 95.6 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: 37.976 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

VICVVU070918

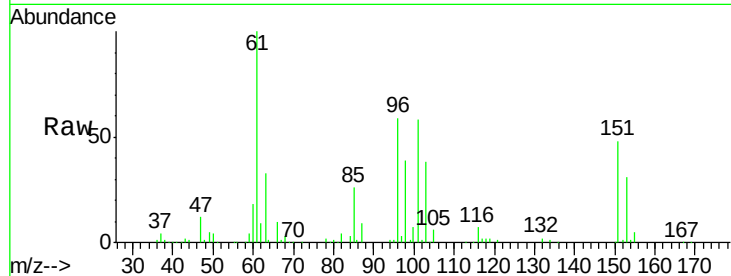
Tgt Ion:101 Resp: 71258

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

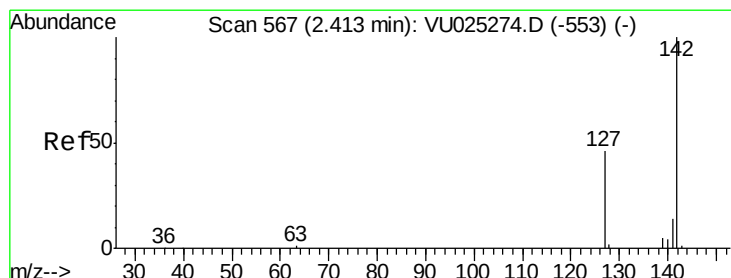
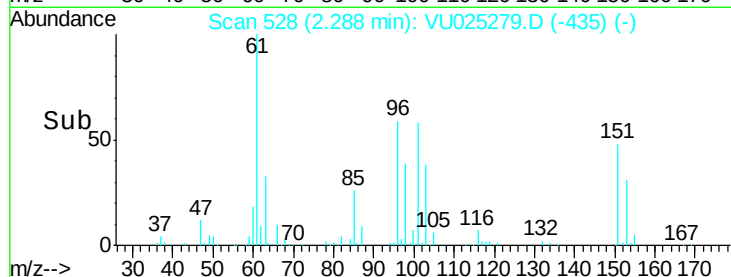
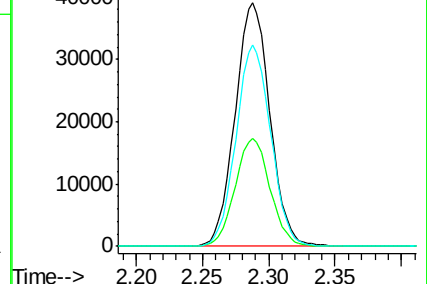
151 82.5 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 31.313 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

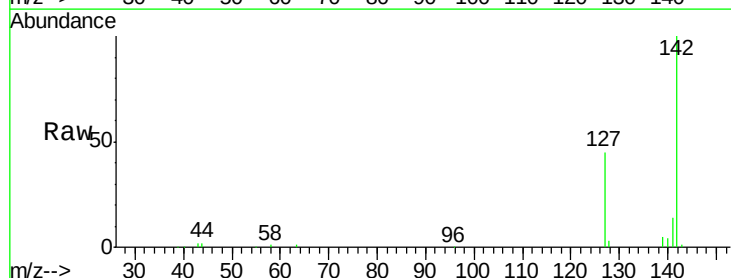
Tgt Ion:142 Resp: 62948

Ion Ratio Lower Upper

142 100

127 45.2 36.5 54.7

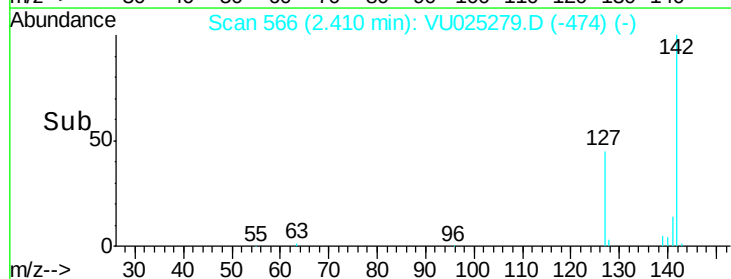
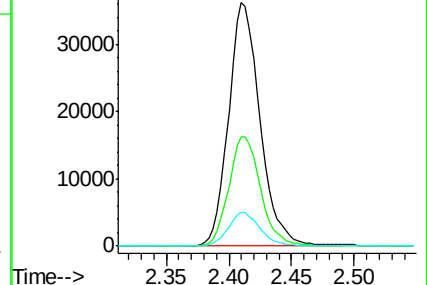
141 14.0 11.4 17.2

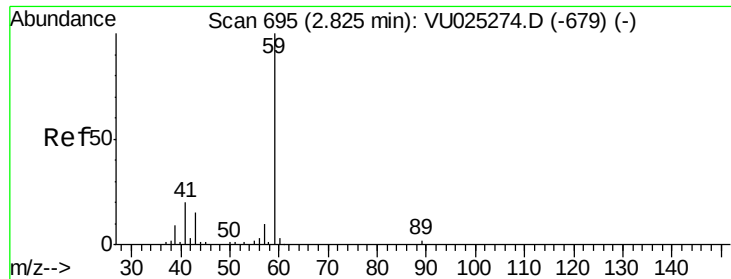


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

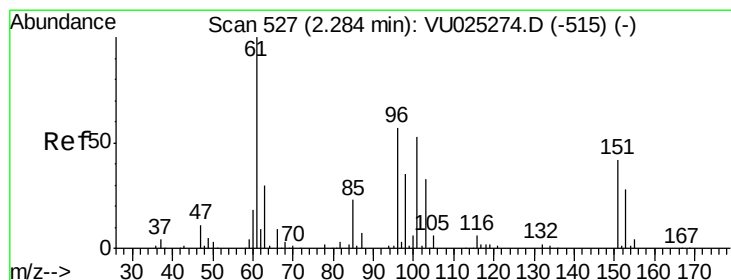
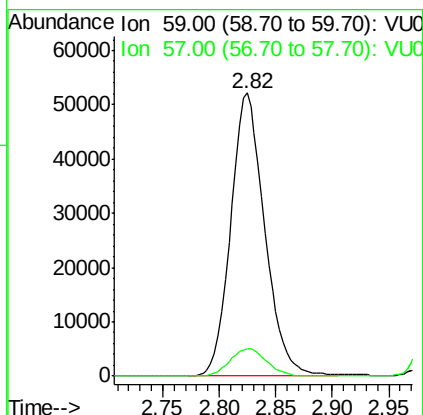
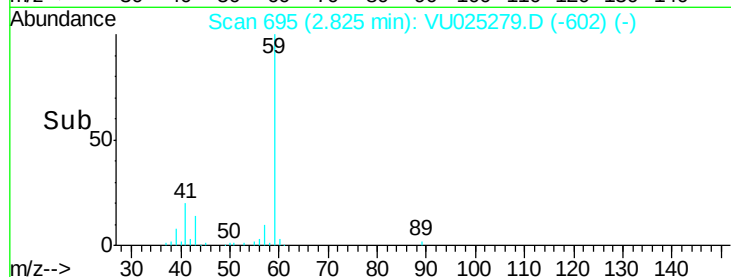
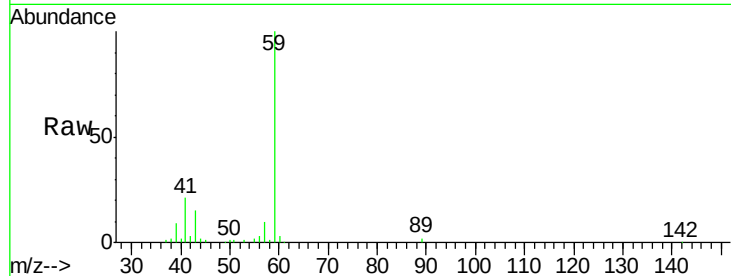




#11
Tert butyl alcohol
Concen: 191.408 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

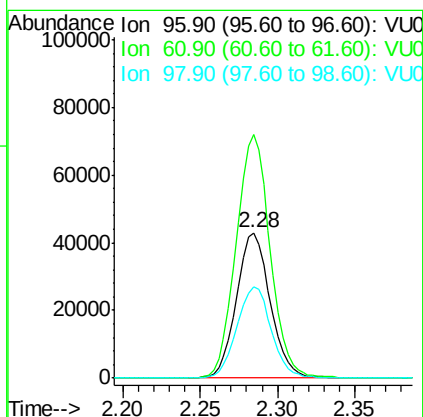
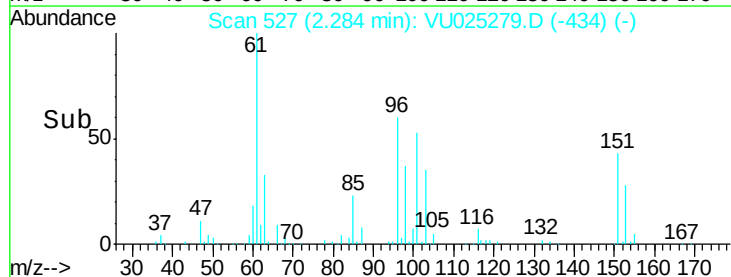
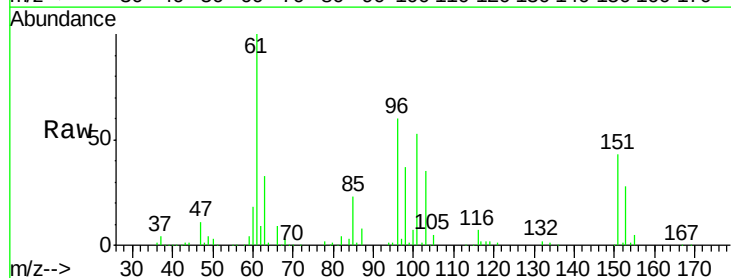
Instrument :
MSVOA_U
ClientSampleId :
VICVVU070918

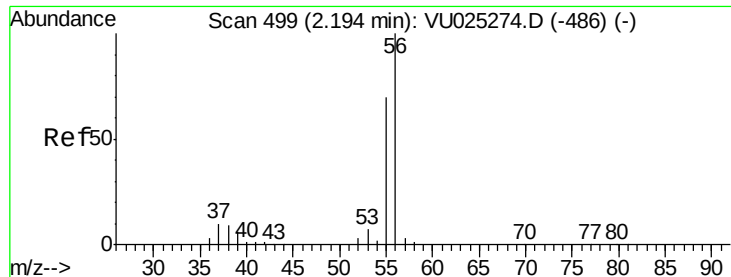
Tgt Ion: 59 Resp: 108896
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 37.898 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Tgt Ion: 96 Resp: 65082
Ion Ratio Lower Upper
96 100
61 167.8 140.2 210.4
98 62.7 49.3 73.9

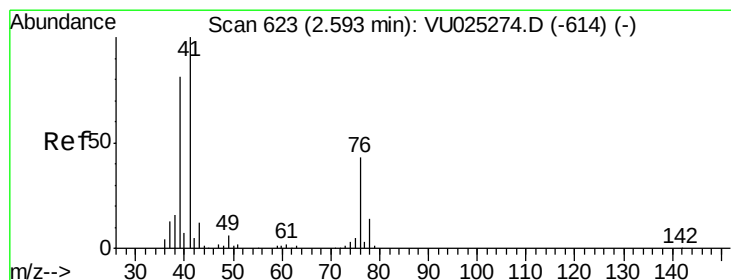
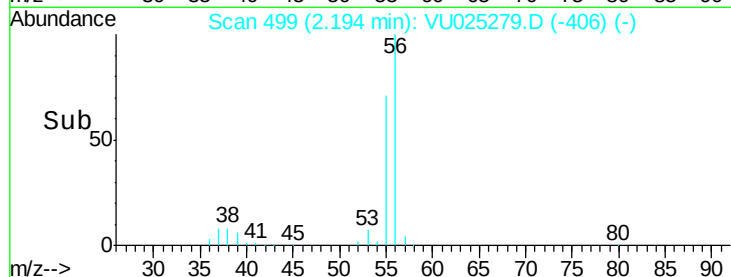
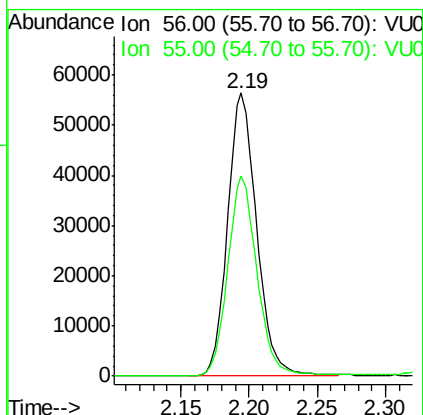
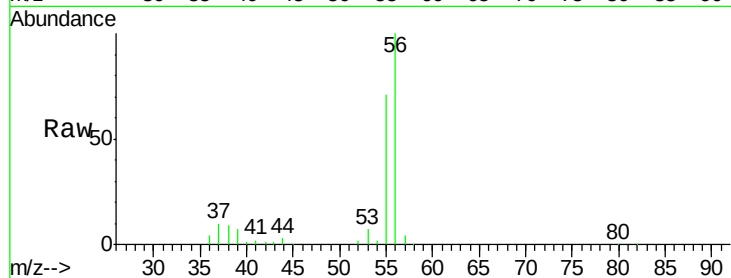




#13
 Acrolein
 Concen: 208.647 ug/l
 RT: 2.19 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

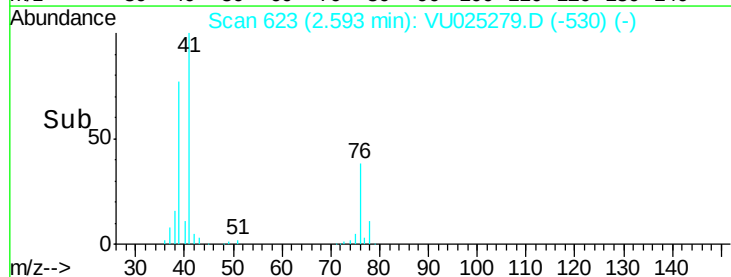
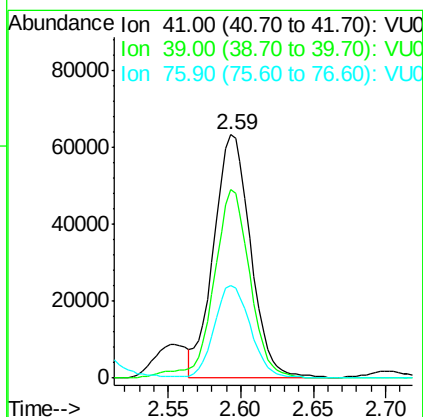
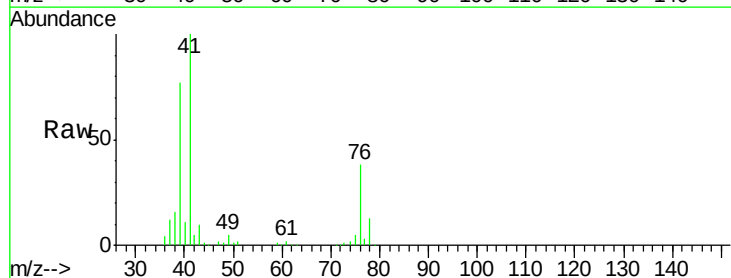
Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

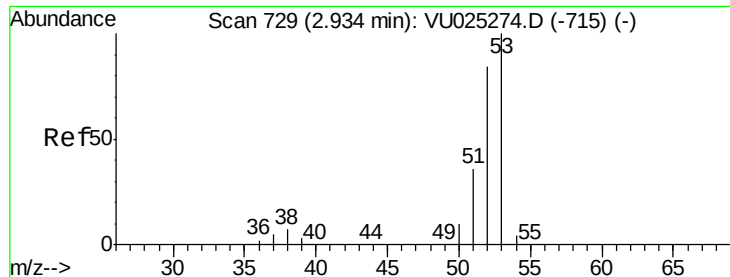
Tgt Ion: 56 Resp: 83589
 Ion Ratio Lower Upper
 56 100
 55 70.5 57.2 85.8



#14
 Allyl chloride
 Concen: 35.720 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Tgt Ion: 41 Resp: 111247
 Ion Ratio Lower Upper
 41 100
 39 76.4 60.6 91.0
 76 37.6 30.5 45.7





#15

Acrylonitrile

Concen: 186.743 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

VICVVU070918

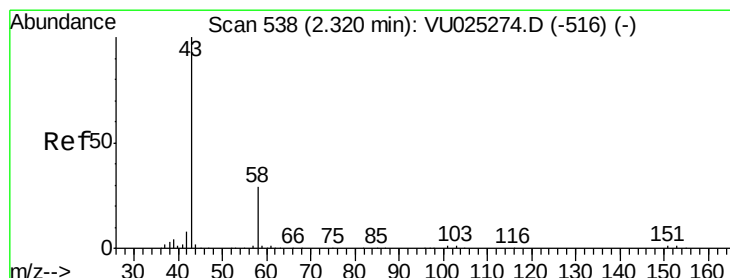
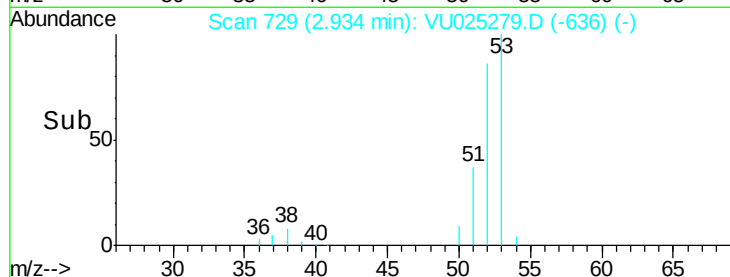
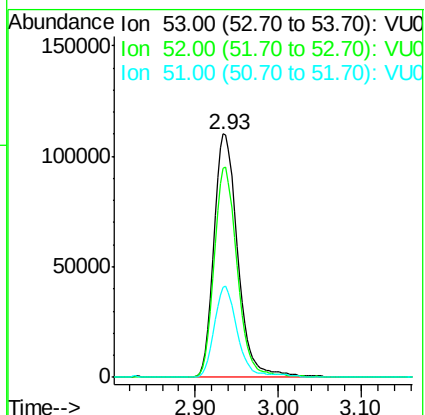
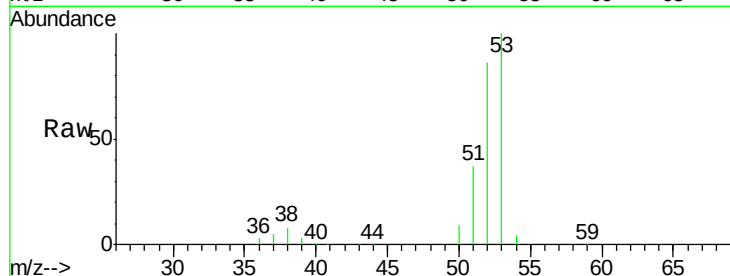
Tgt Ion: 53 Resp: 220448

Ion Ratio Lower Upper

53 100

52 83.3 66.6 99.8

51 36.8 29.4 44.2



#16

Acetone

Concen: 196.962 ug/l

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025279.D

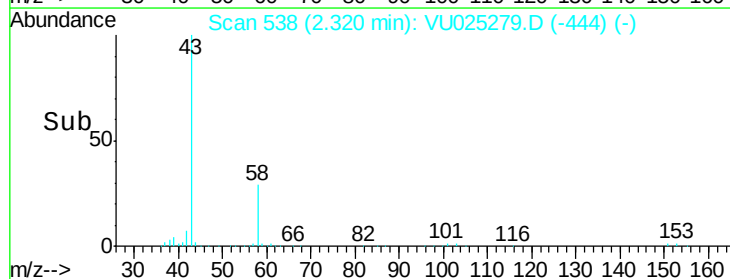
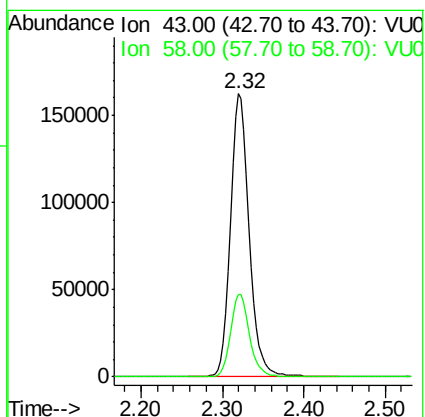
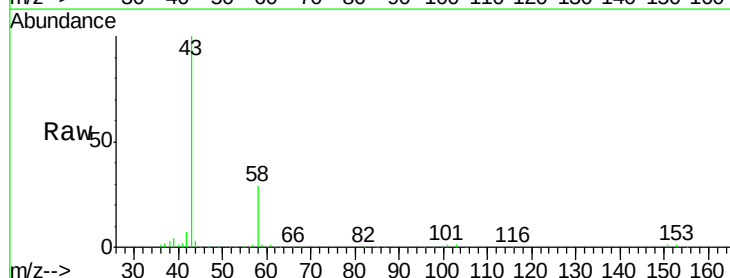
Acq: 09 Jul 2018 17:28

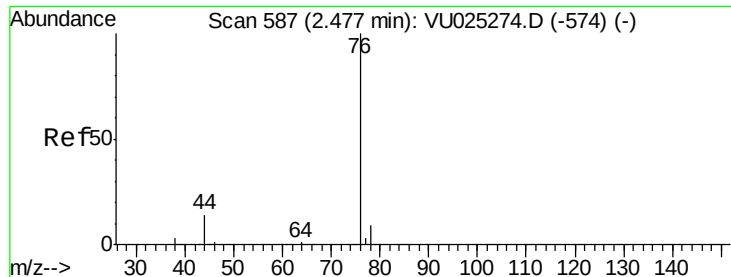
Tgt Ion: 43 Resp: 263124

Ion Ratio Lower Upper

43 100

58 29.3 23.1 34.7





#17

Carbon Disulfide

Concen: 37.061 ug/l

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

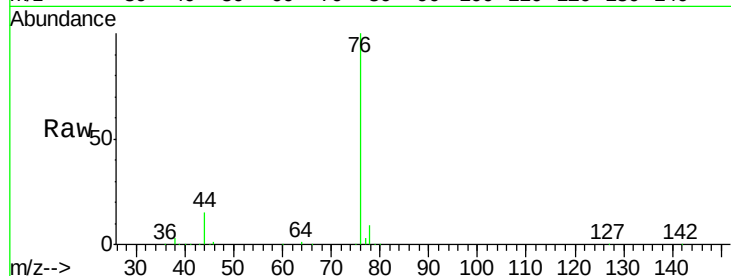
VICVVU070918

Tgt Ion: 76 Resp: 183377

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

120000

100000

80000

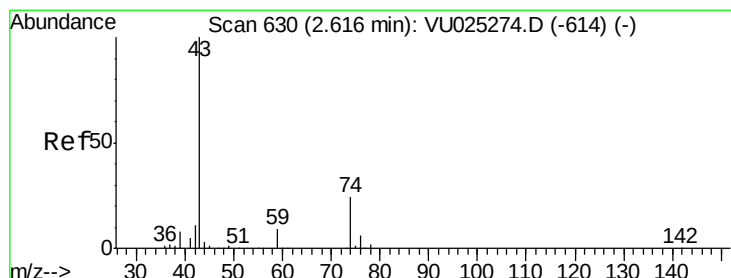
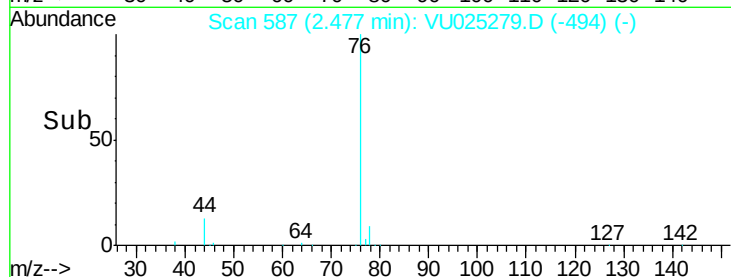
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 37.378 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025279.D

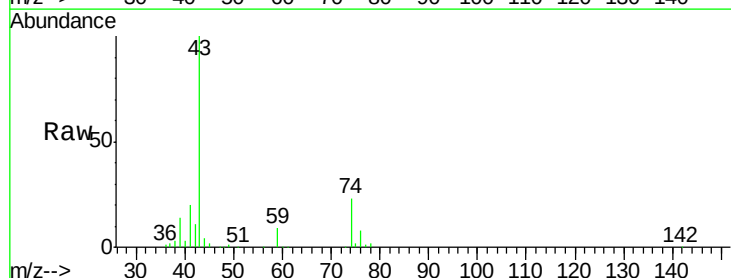
Acq: 09 Jul 2018 17:28

Tgt Ion: 43 Resp: 100727

Ion Ratio Lower Upper

43 100

74 22.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

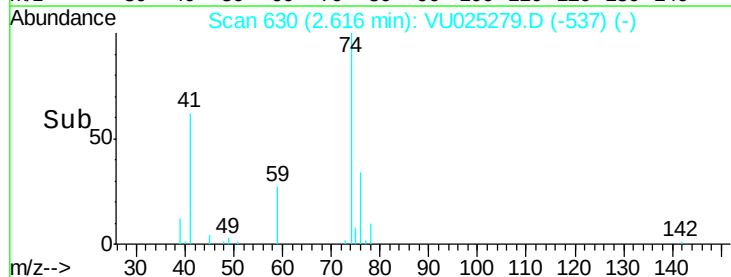
60000

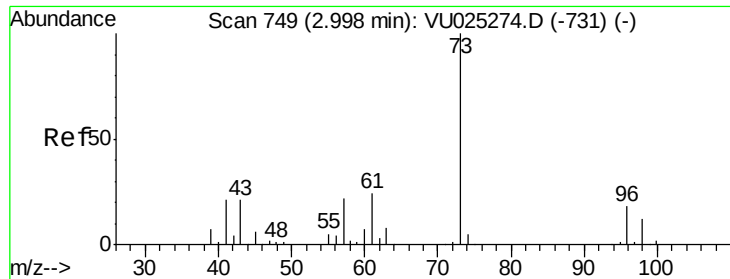
40000

20000

0

Time-->



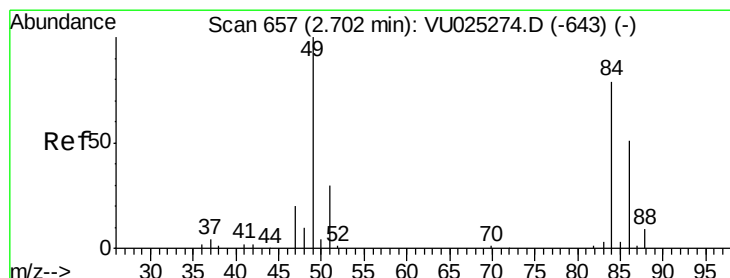
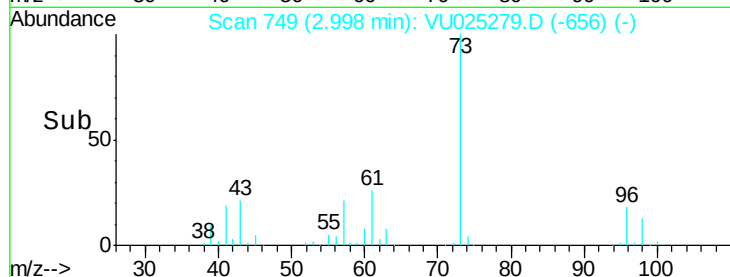
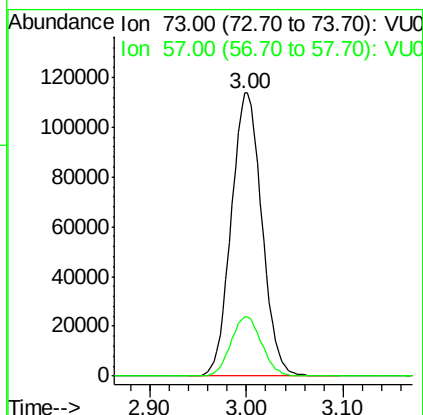
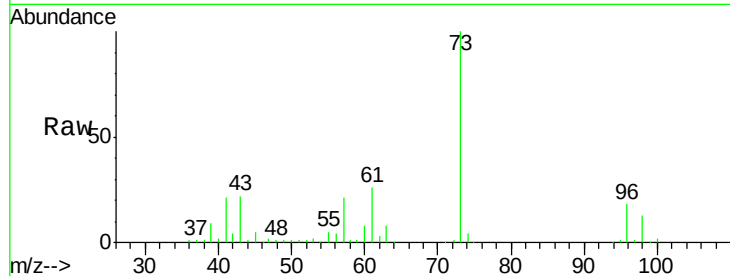


#19

Methyl tert-butyl Ether
 Concen: 38.255 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

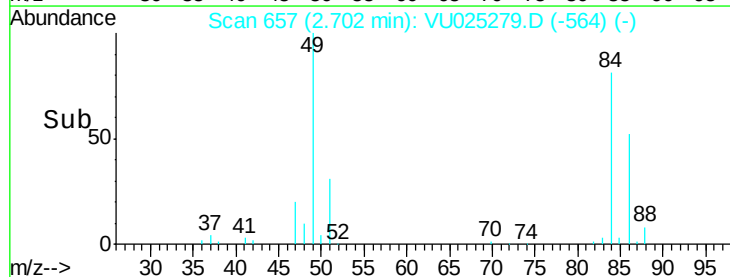
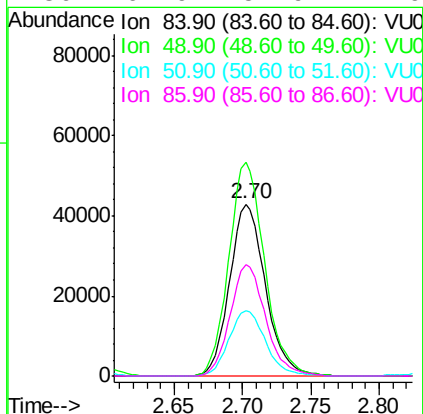
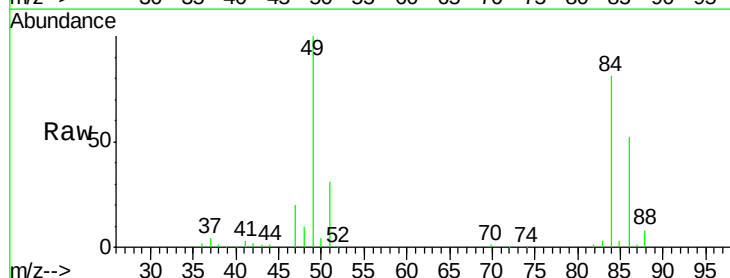
Tgt Ion: 73 Resp: 249883
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.4 26.2

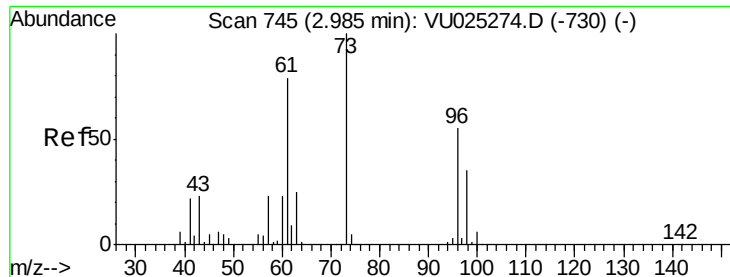


#20

Methylene Chloride
 Concen: 38.765 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Tgt Ion: 84 Resp: 78614
 Ion Ratio Lower Upper
 84 100
 49 124.2 101.8 152.6
 51 37.9 30.8 46.2
 86 64.9 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 36.453 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

VICVVU070918

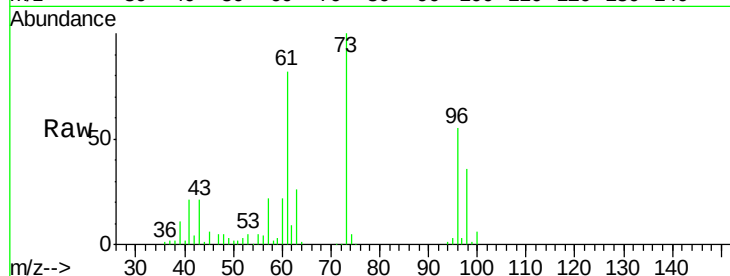
Tgt Ion: 96 Resp: 71538

Ion Ratio Lower Upper

96 100

61 147.0 114.5 171.7

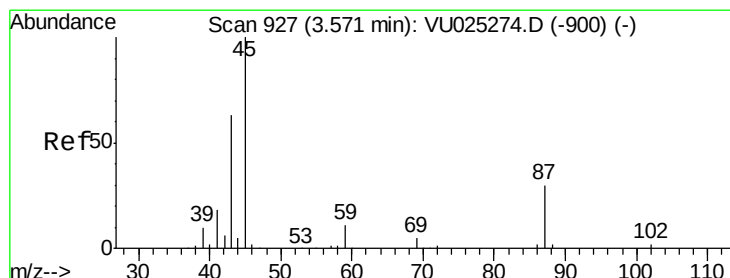
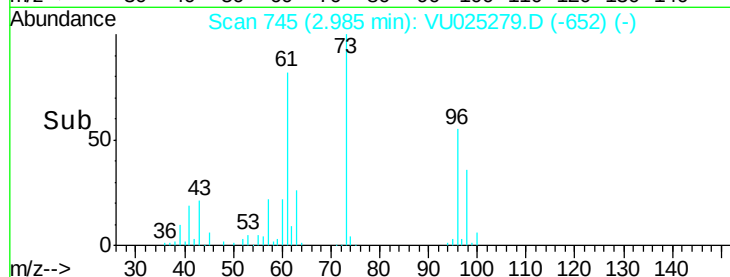
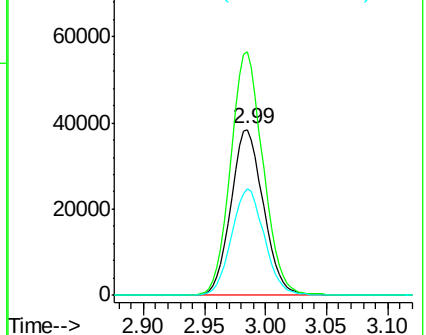
98 64.7 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025279.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU025279.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU025279.D (-652) (-)



#22

Diisopropyl ether

Concen: 37.818 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Tgt Ion: 45 Resp: 240533

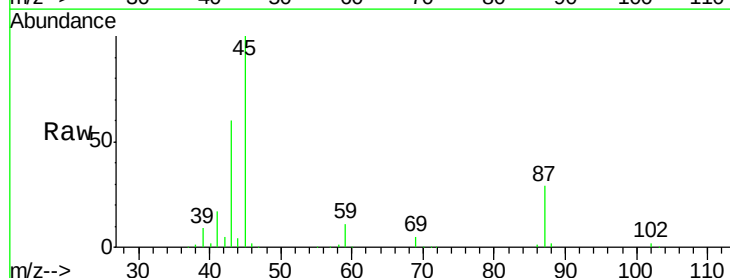
Ion Ratio Lower Upper

45 100

43 58.2 50.9 76.3

87 28.5 23.8 35.8

59 11.3 9.0 13.4

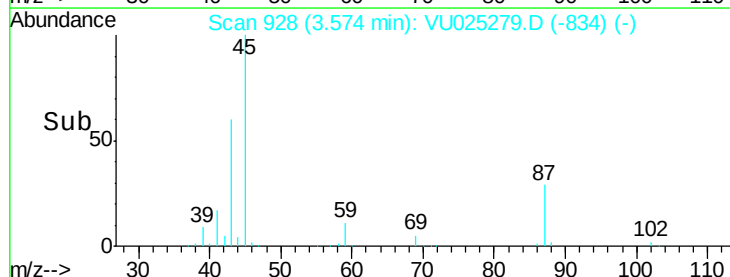
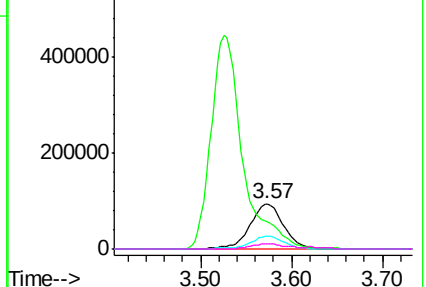


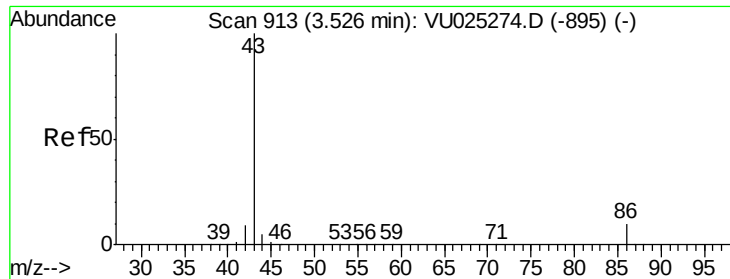
Abundance Ion 45.00 (44.70 to 45.70): VU025279.D (-834) (-)

Ion 43.00 (42.70 to 43.70): VU025279.D (-834) (-)

Ion 87.00 (86.70 to 87.70): VU025279.D (-834) (-)

Ion 59.00 (58.70 to 59.70): VU025279.D (-834) (-)





#23

Vinyl Acetate

Concen: 193.743 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

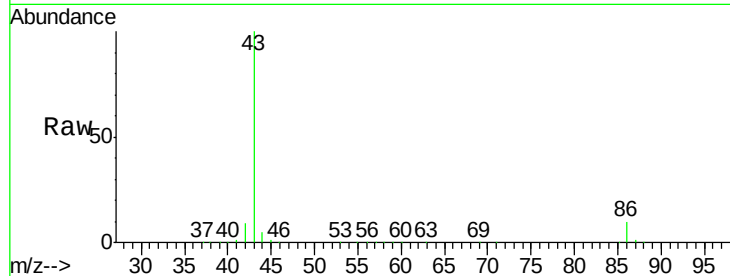
VICVVU070918

Tgt Ion: 43 Resp: 1080979

Ion Ratio Lower Upper

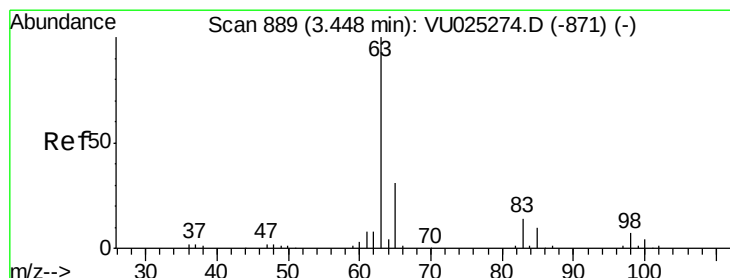
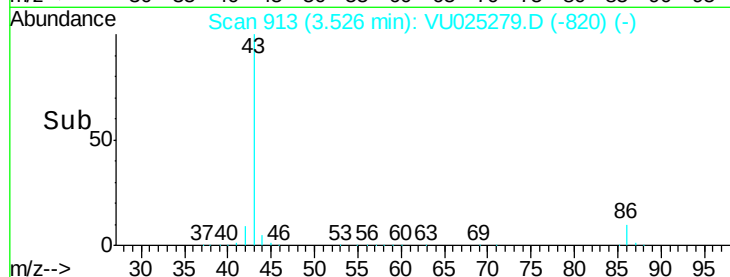
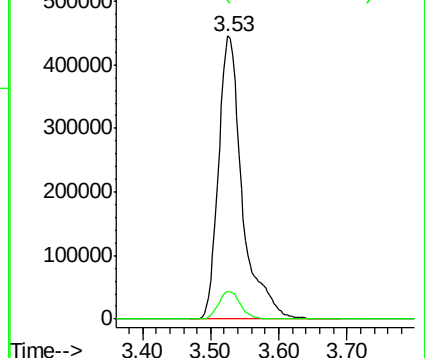
43 100

86 9.9 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: 38.425 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

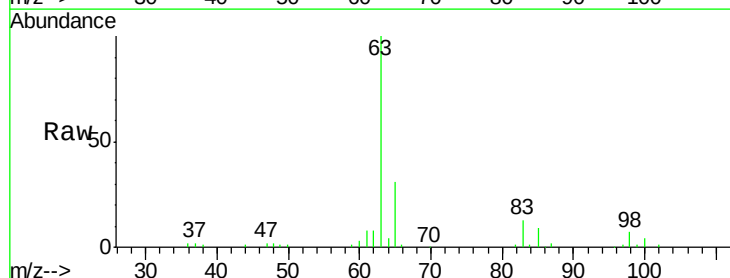
Tgt Ion: 63 Resp: 137831

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

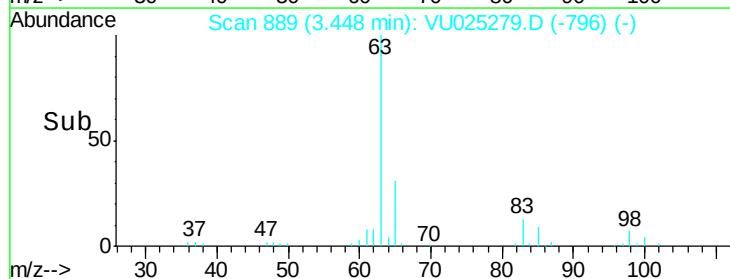
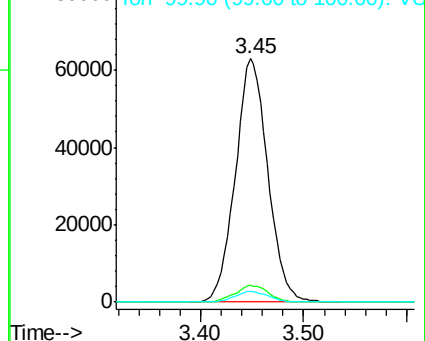
100 4.4 2.0 6.0

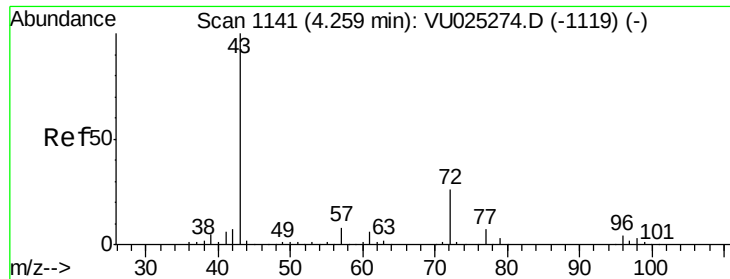


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 190.275 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

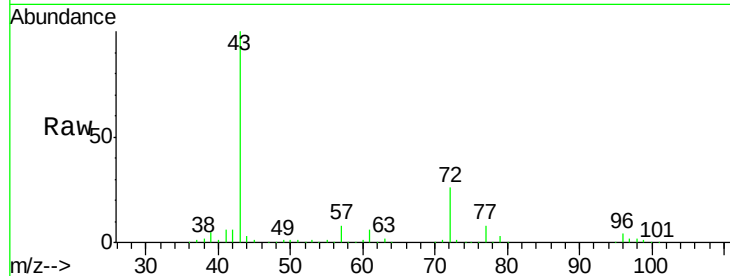
VICVVU070918

Tgt Ion: 43 Resp: 347123

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

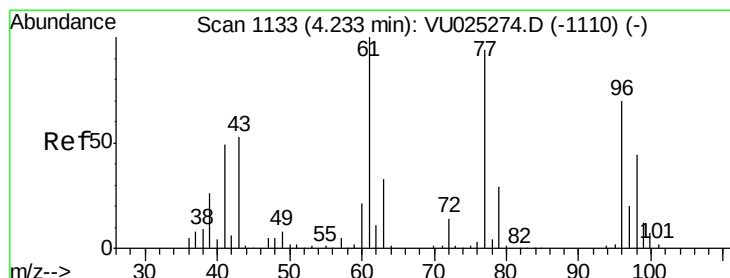
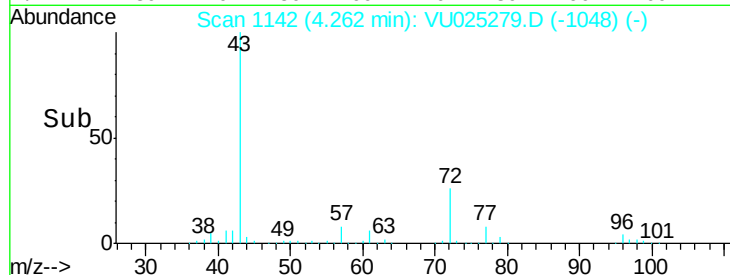
100000

50000

0

4.20 4.26 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 37.690 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU025279.D

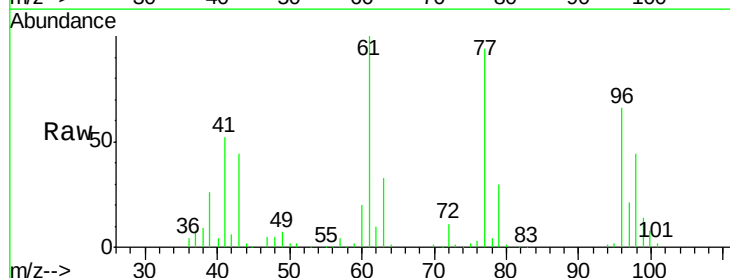
Acq: 09 Jul 2018 17:28

Tgt Ion: 77 Resp: 129990

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

50000

40000

30000

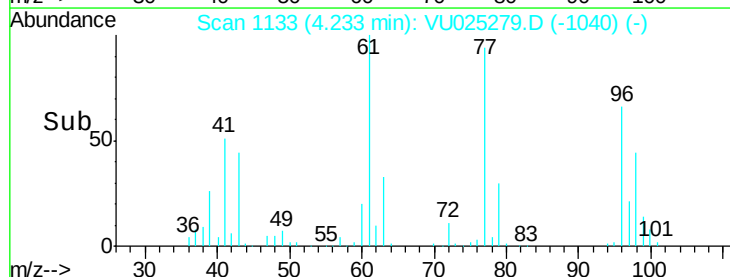
20000

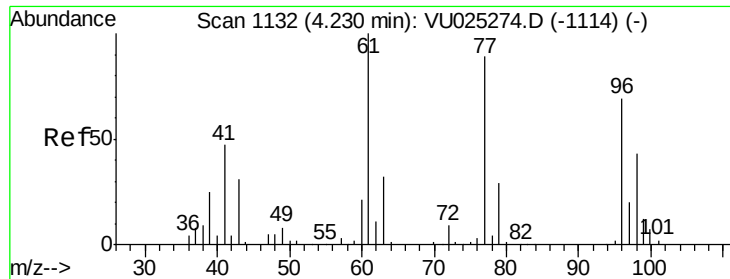
10000

0

4.10 4.20 4.23 4.30

Time-->

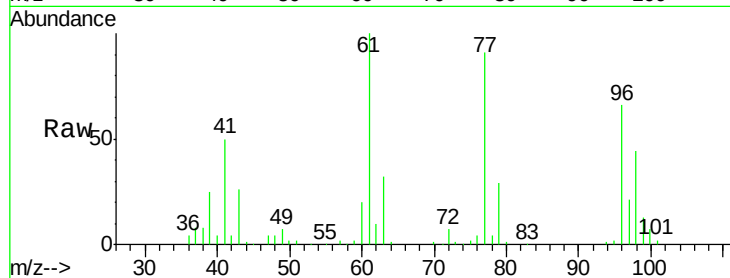




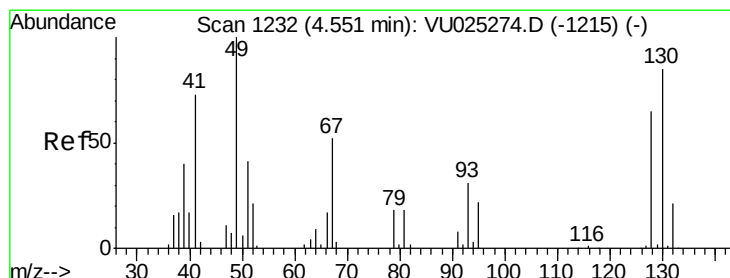
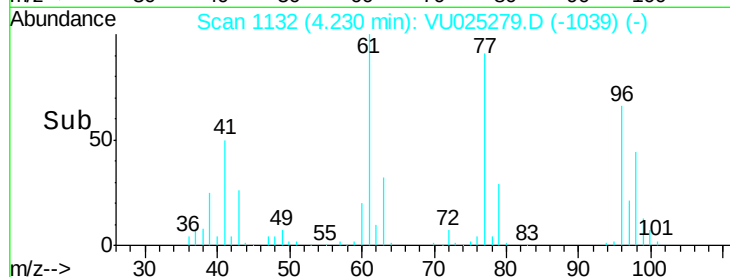
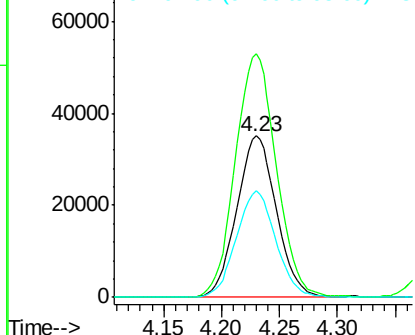
#27
 cis-1,2-Dichloroethene
 Concen: 36.757 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

Tgt Ion: 96 Resp: 83462
 Ion Ratio Lower Upper
 96 100
 61 156.1 0.0 299.8
 98 65.8 0.0 128.6

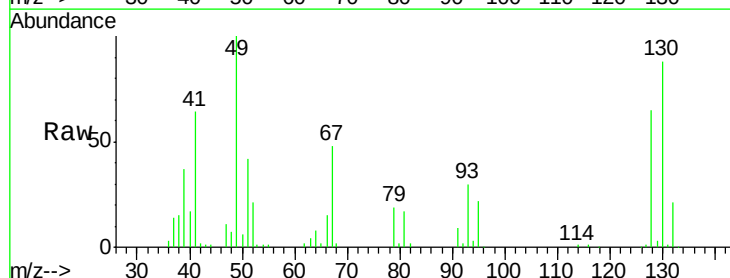


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

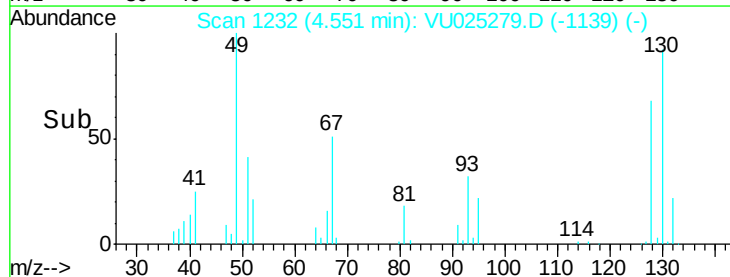
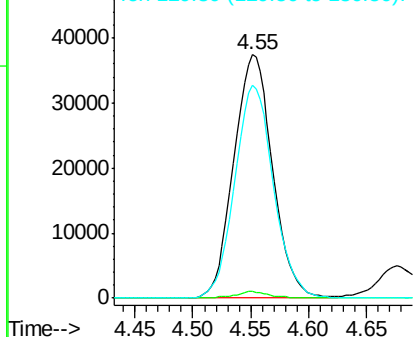


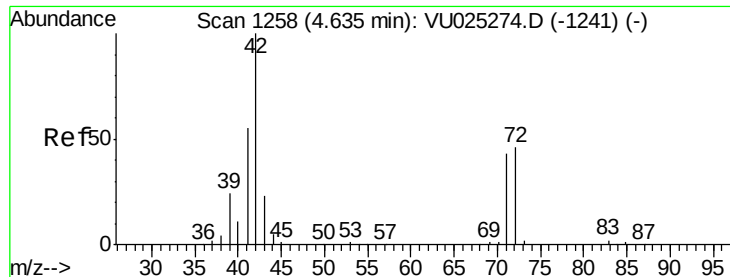
#28
 Bromochloromethane
 Concen: 50.192 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Tgt Ion: 49 Resp: 86938
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 87.4 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: 181.335 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

VICVVU070918

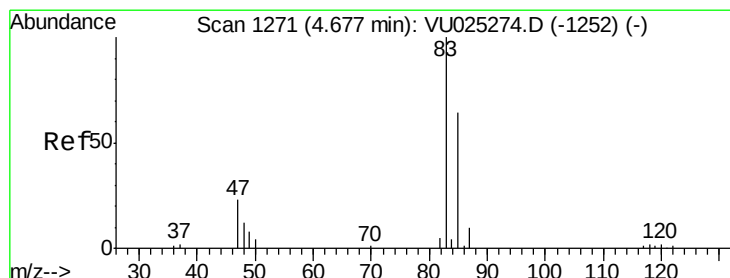
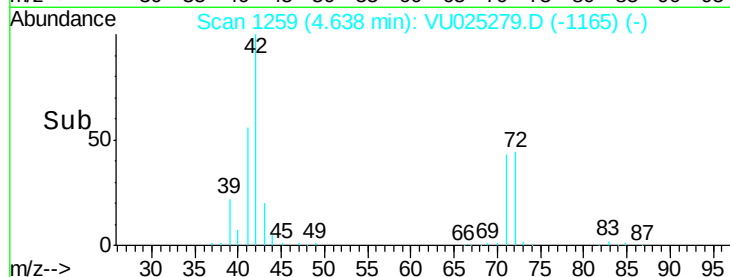
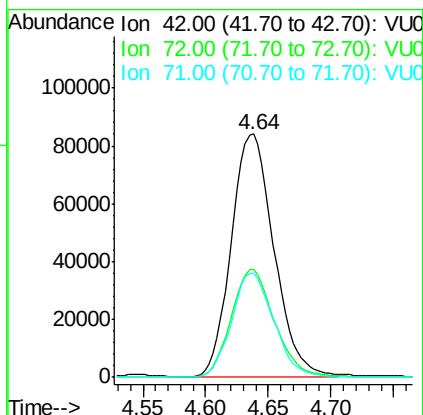
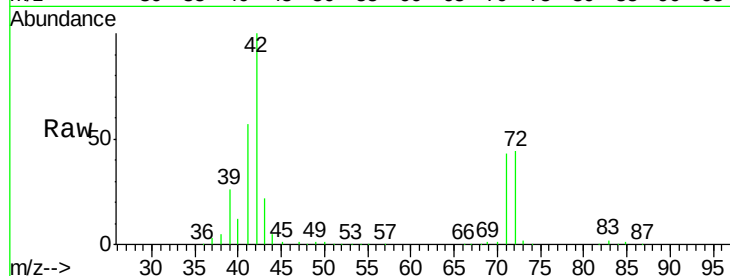
Tgt Ion: 42 Resp: 198426

Ion Ratio Lower Upper

42 100

72 45.4 36.7 55.1

71 42.5 33.9 50.9



#30

Chloroform

Concen: 38.433 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025279.D

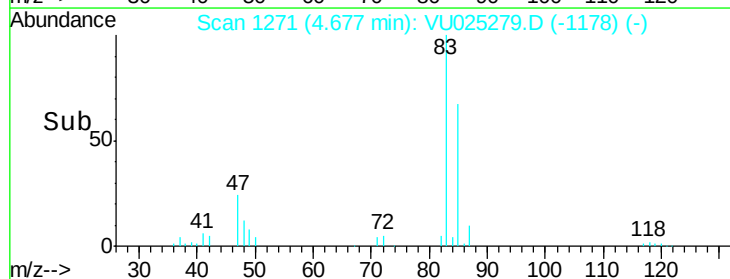
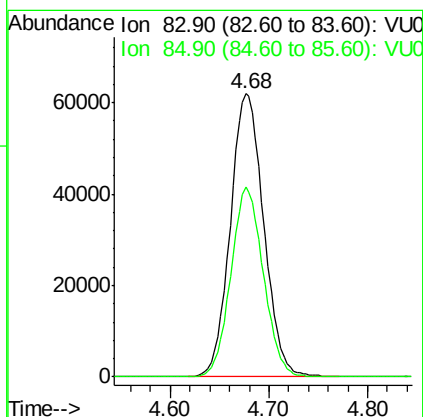
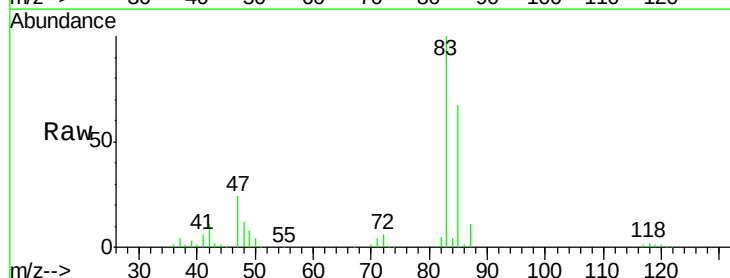
Acq: 09 Jul 2018 17:28

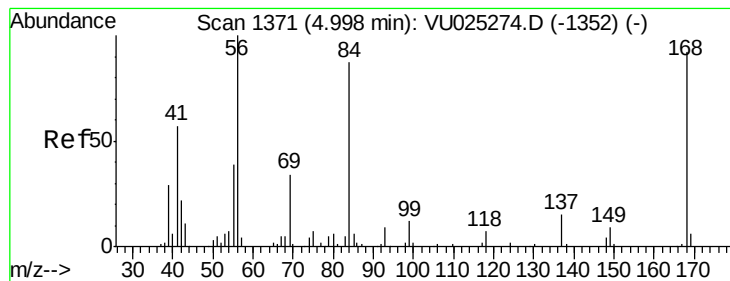
Tgt Ion: 83 Resp: 145995

Ion Ratio Lower Upper

83 100

85 66.9 51.5 77.3





#31

Cyclohexane

Concen: 38.387 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. 0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

VICVVU070918

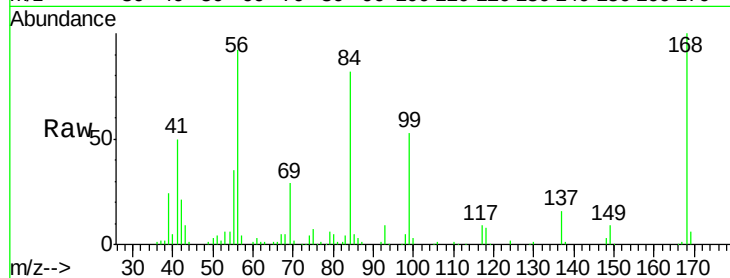
Tgt Ion: 56 Resp: 127028

Ion Ratio Lower Upper

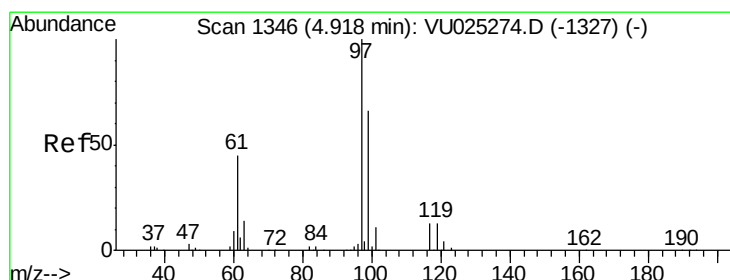
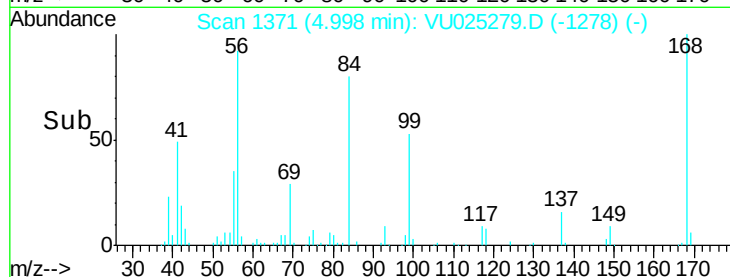
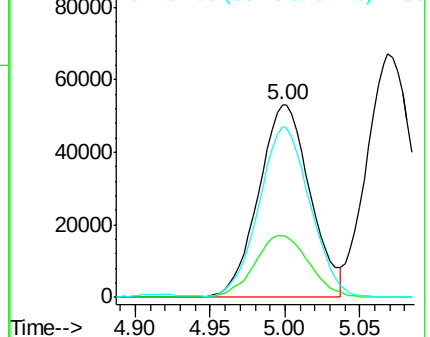
56 100

69 31.9 26.8 40.2

84 87.5 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 38.170 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

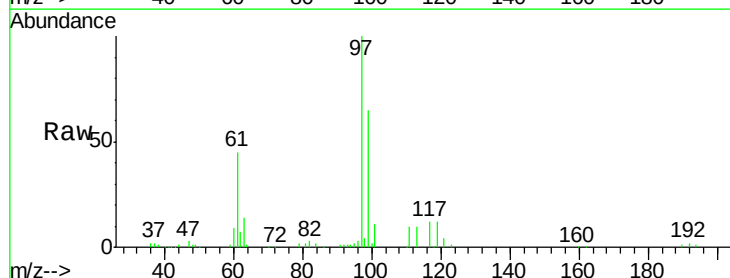
Tgt Ion: 97 Resp: 131404

Ion Ratio Lower Upper

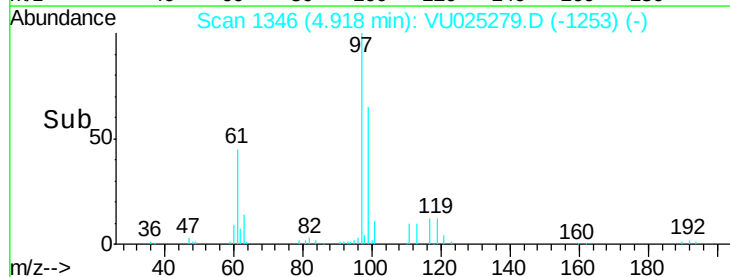
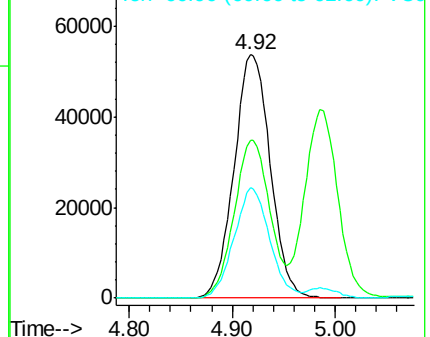
97 100

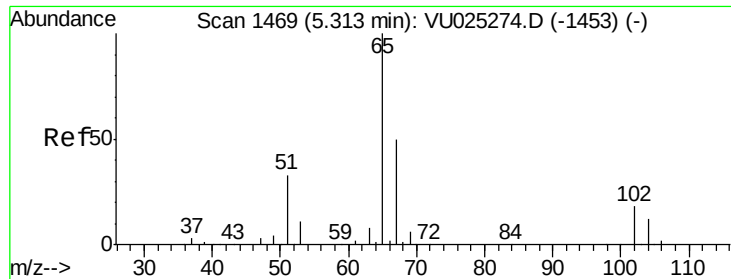
99 64.0 50.8 76.2

61 44.6 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

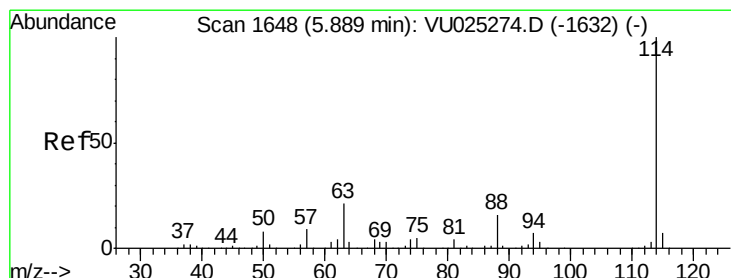
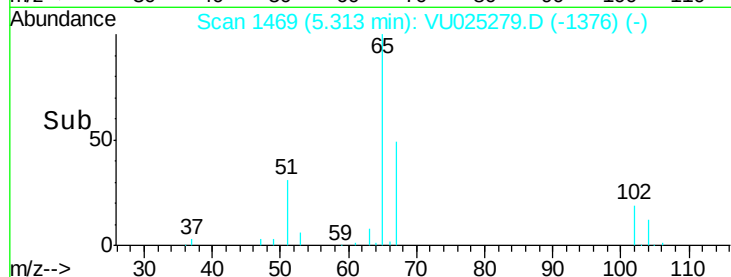
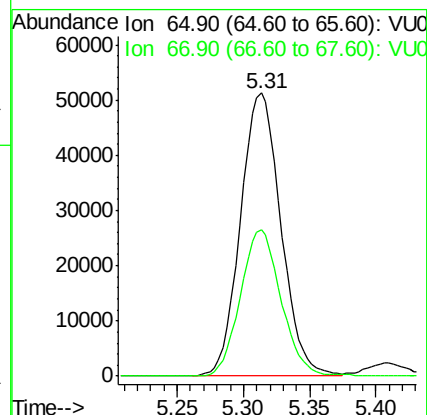
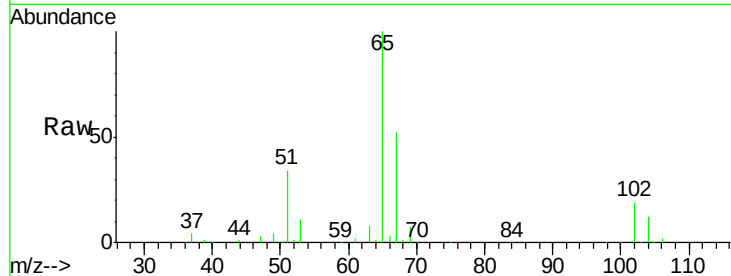




#33
 1,2-Dichloroethane-d4
 Concen: 41.304 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

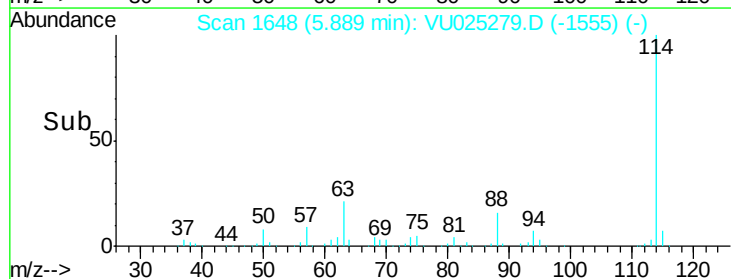
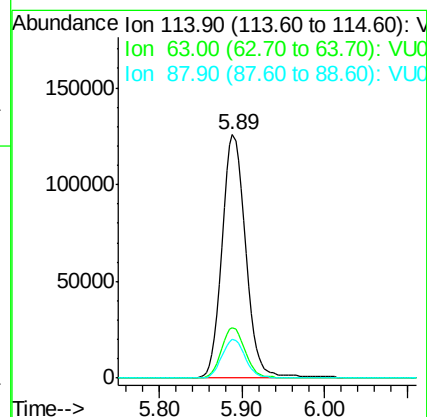
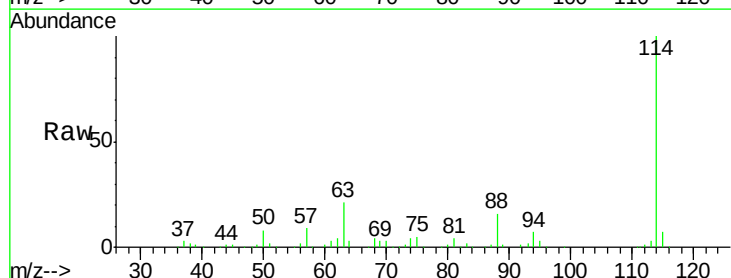
Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

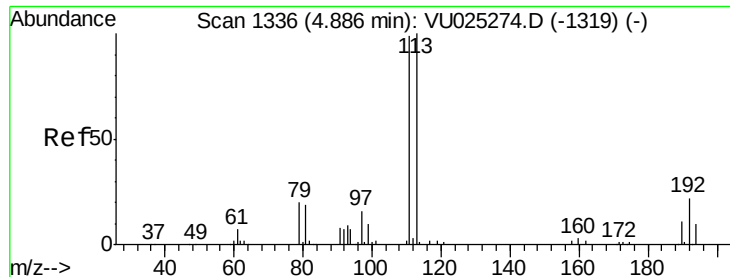
Tgt Ion: 65 Resp: 108714
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Tgt Ion: 114 Resp: 249182
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.6
 88 15.7 0.0 32.4

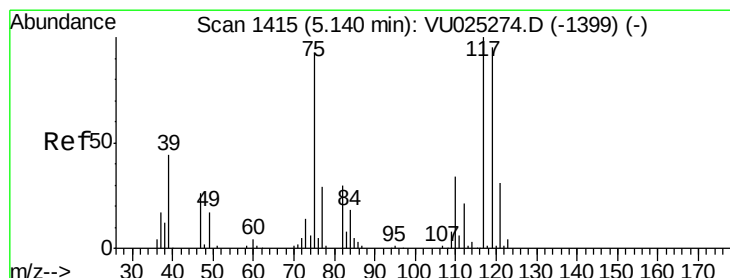
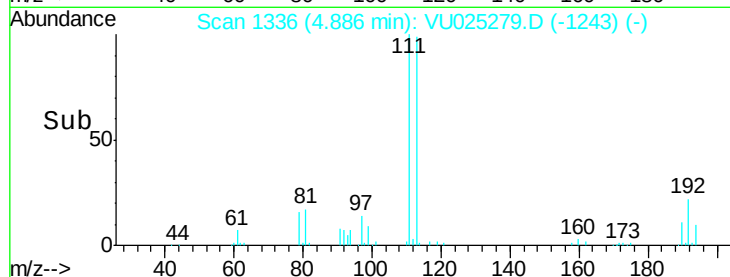
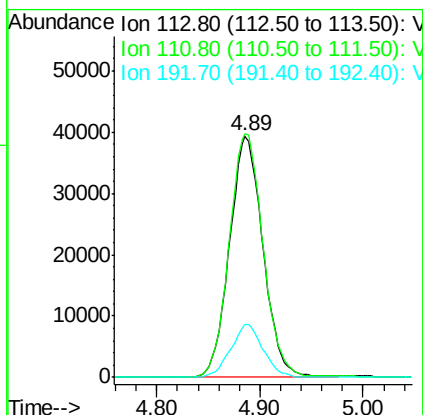
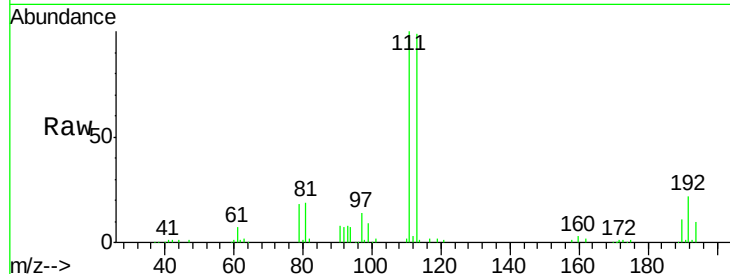




#35
 Dibromofluoromethane
 Concen: 42.313 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

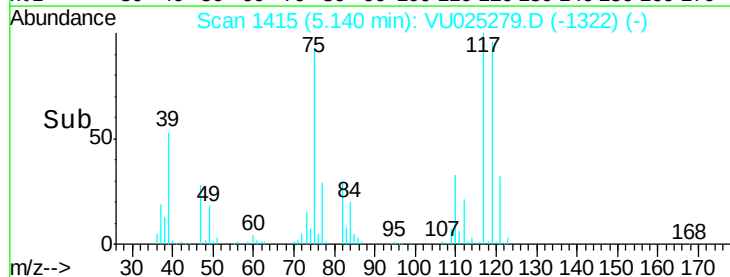
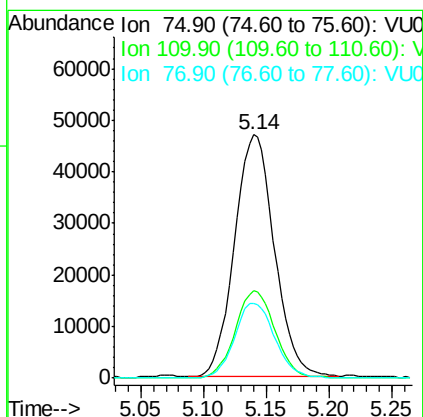
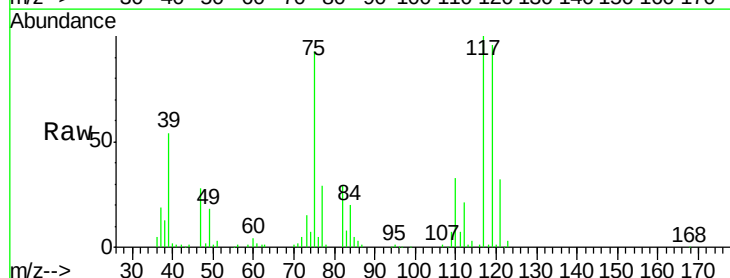
Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

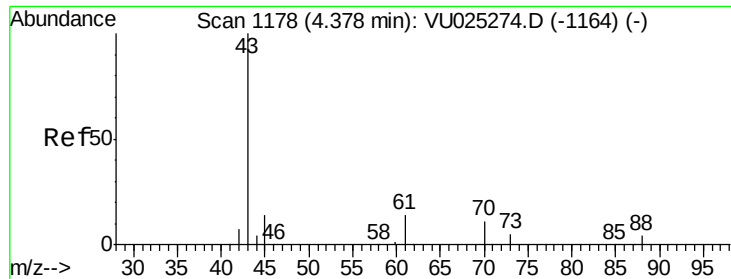
Tgt Ion:113 Resp: 88944
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.7 122.5
 192 21.1 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 37.340 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Tgt Ion: 75 Resp: 103440
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.6 52.9
 77 31.3 24.4 36.6

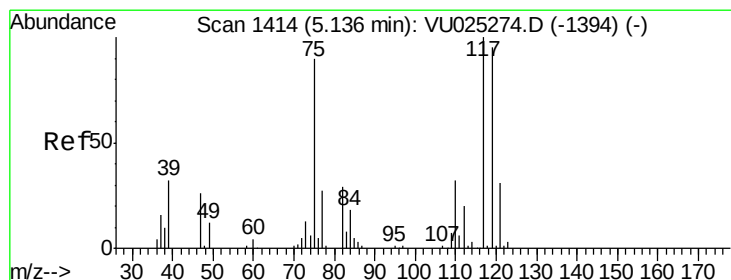
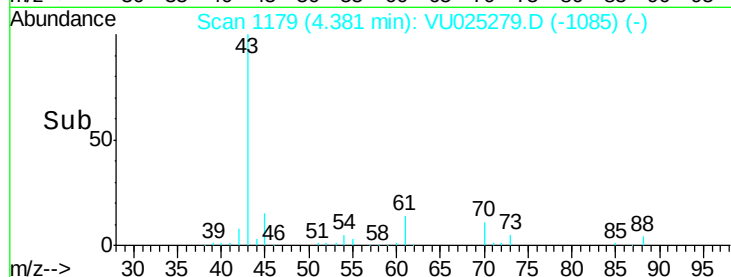
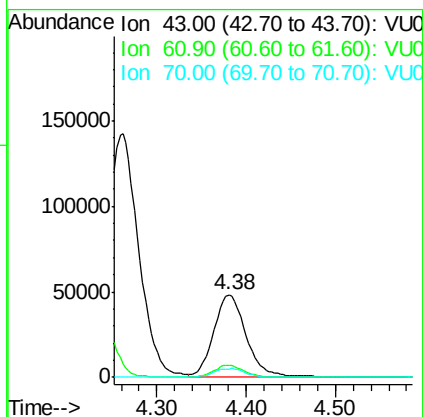
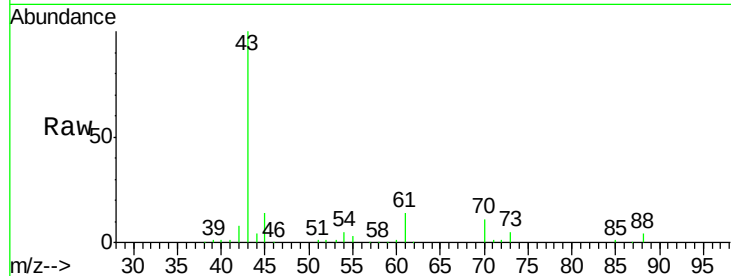




#37
Ethyl Acetate
Concen: 38.819 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

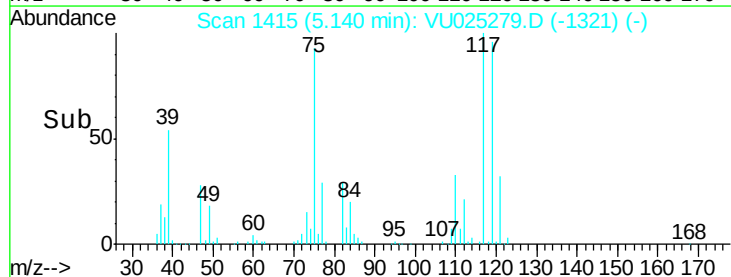
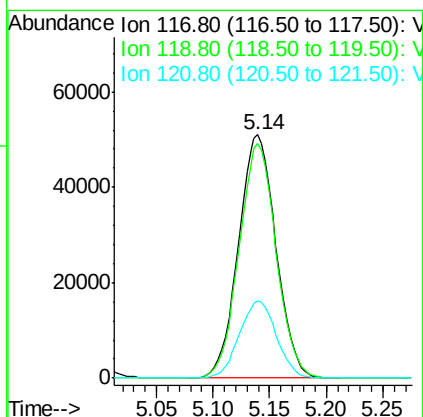
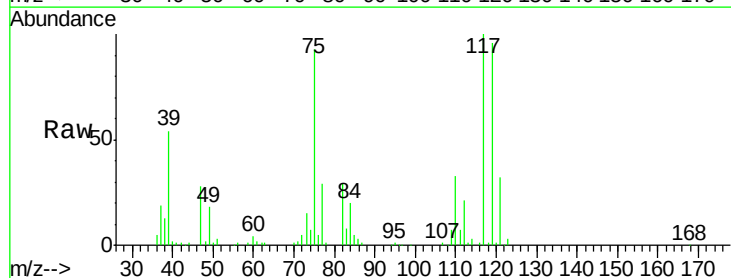
Instrument :
MSVOA_U
ClientSampleId :
VICVVU070918

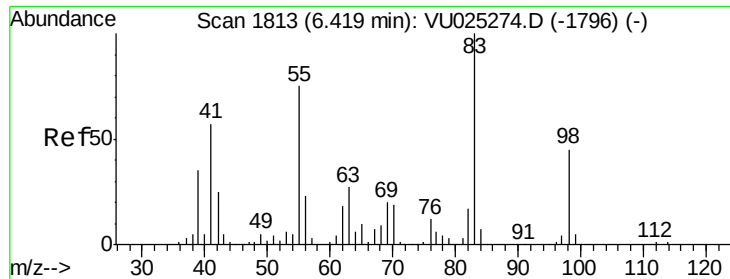
Tgt Ion: 43 Resp: 119930
Ion Ratio Lower Upper
43 100
61 13.1 10.7 16.1
70 10.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 39.386 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Tgt Ion: 117 Resp: 117436
Ion Ratio Lower Upper
117 100
119 96.2 75.7 113.5
121 31.6 24.6 36.8

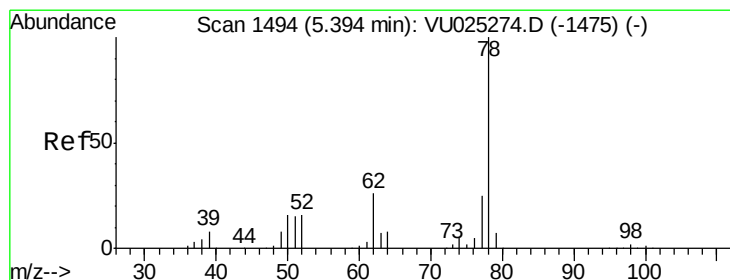
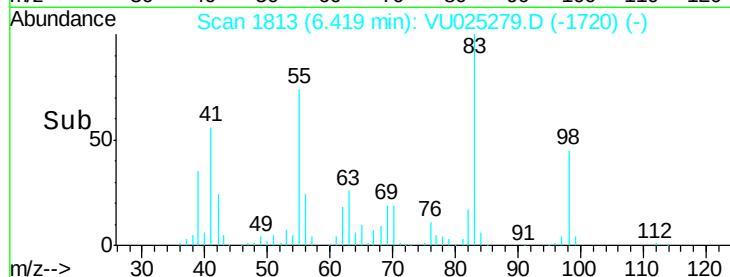
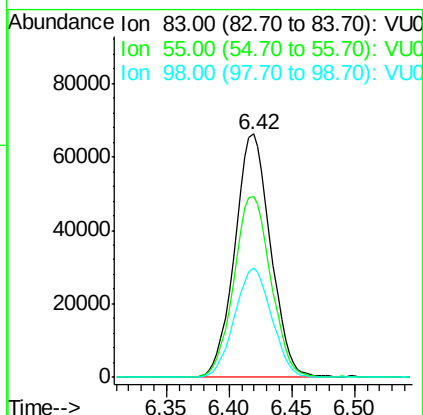
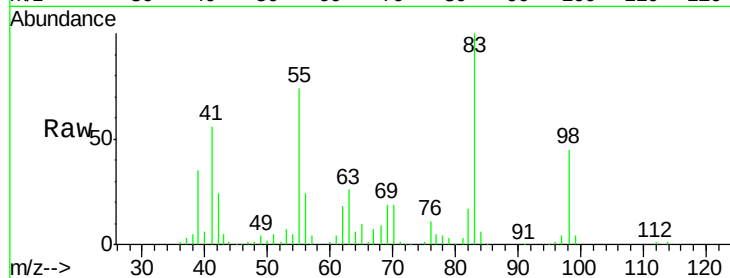




#39
Methylcyclohexane
Concen: 38.014 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

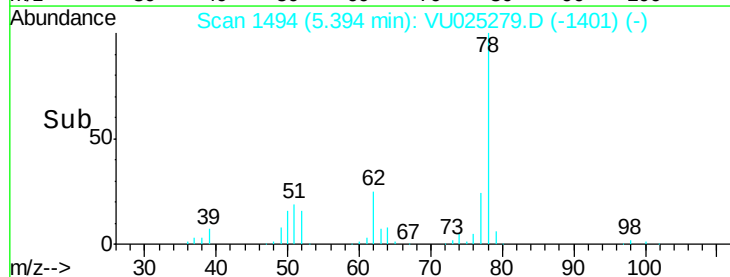
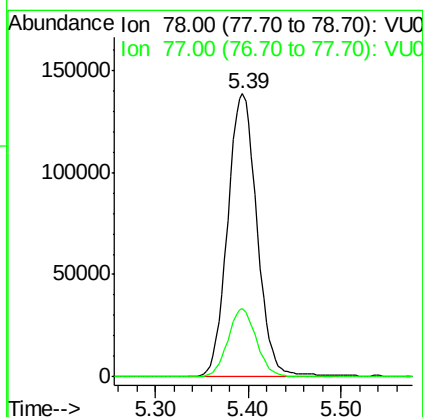
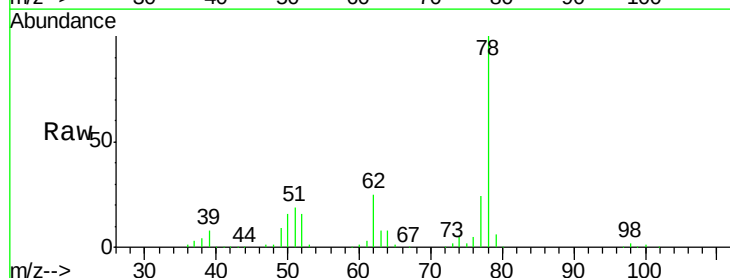
Instrument :
MSVOA_U
ClientSampleId :
VICVVU070918

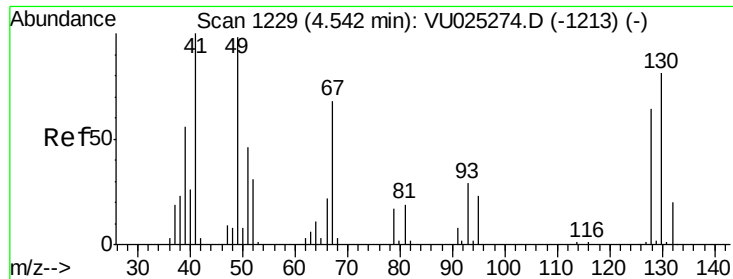
Tgt Ion: 83 Resp: 131354
Ion Ratio Lower Upper
83 100
55 74.3 60.0 90.0
98 44.9 36.1 54.1



#40
Benzene
Concen: 38.106 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Tgt Ion: 78 Resp: 304211
Ion Ratio Lower Upper
78 100
77 24.0 19.8 29.6

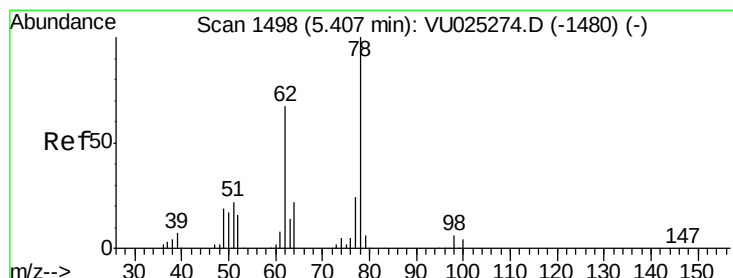
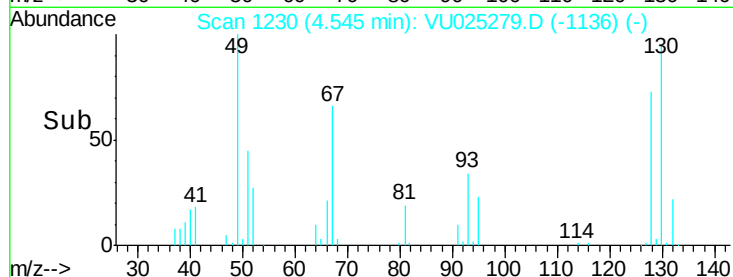
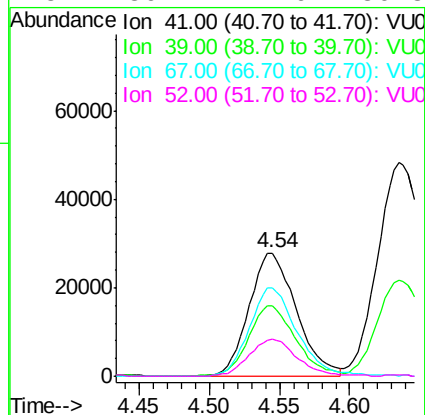
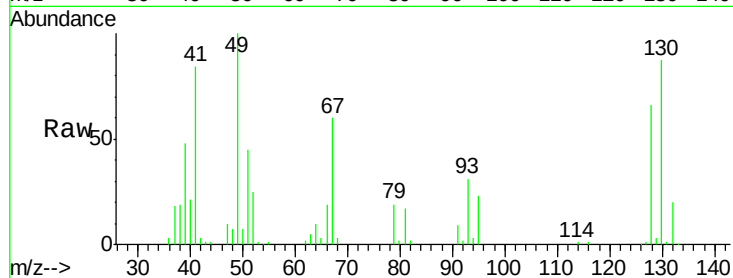




#41
Methacrylonitrile
Concen: 38.142 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

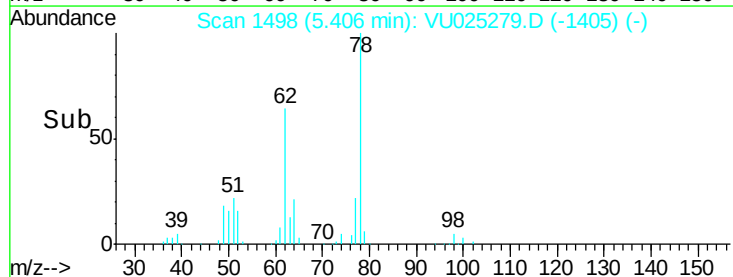
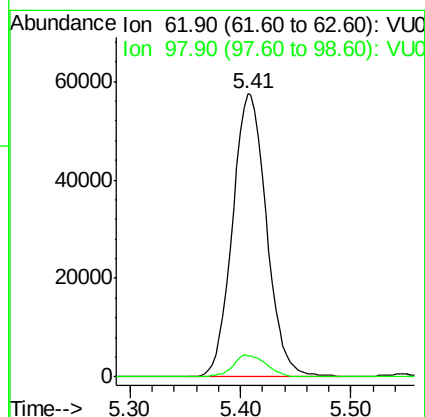
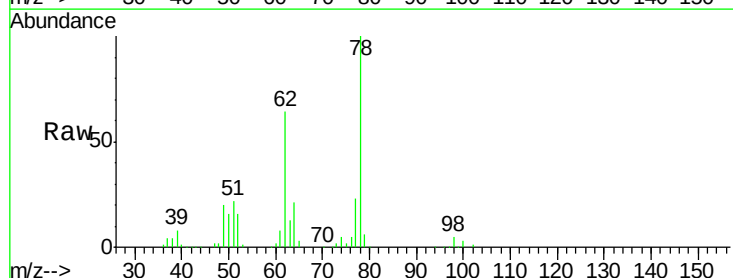
Instrument :
MSVOA_U
ClientSampleId :
VICVVU070918

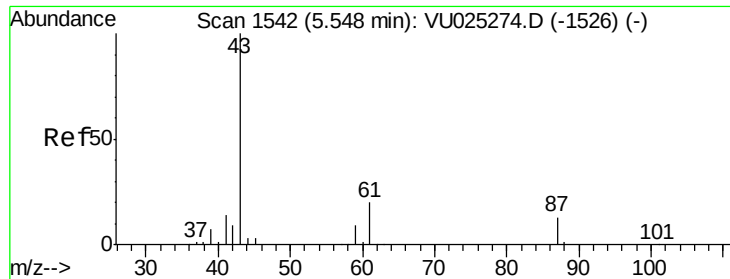
Tgt Ion:	41	Resp:	65334
Ion	Ratio	Lower	Upper
41	100		
39	57.4	44.4	66.6
67	72.3	56.0	84.0
52	30.7	24.6	36.8



#42
1,2-Dichloroethane
Concen: 38.750 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Tgt Ion:	62	Resp:	122969
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.4





#43

Isopropyl Acetate

Concen: 38.079 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

VICVVU070918

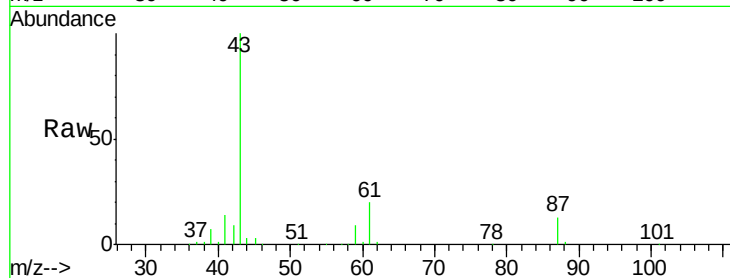
Tgt Ion: 43 Resp: 188395

Ion Ratio Lower Upper

43 100

61 19.4 15.5 23.3

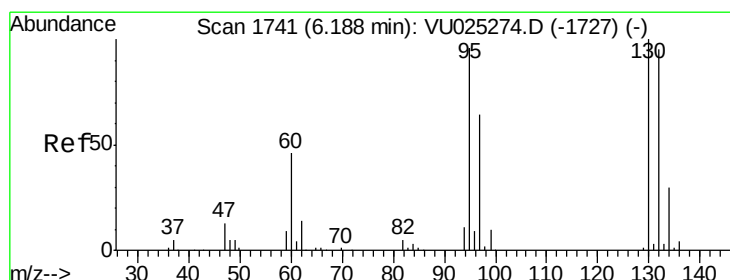
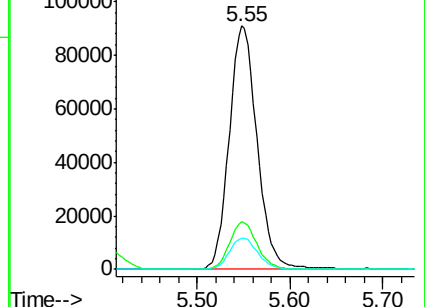
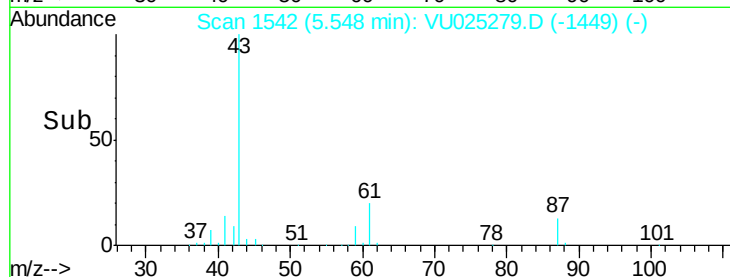
87 13.1 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025279.D (-1449) (-)

Ion 61.00 (60.70 to 61.70): VU025279.D (-1449) (-)

Ion 87.00 (86.70 to 87.70): VU025279.D (-1449) (-)



#44

Trichloroethene

Concen: 37.092 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025279.D

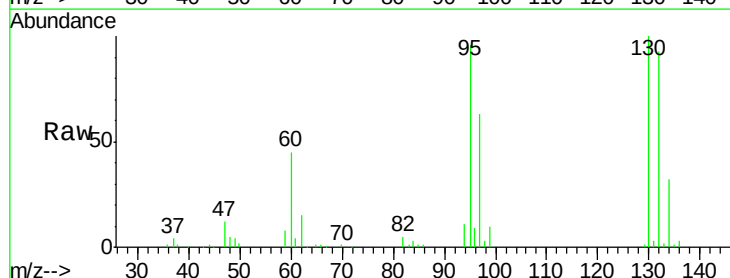
Acq: 09 Jul 2018 17:28

Tgt Ion: 130 Resp: 85026

Ion Ratio Lower Upper

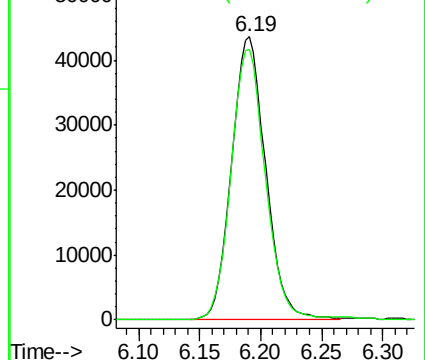
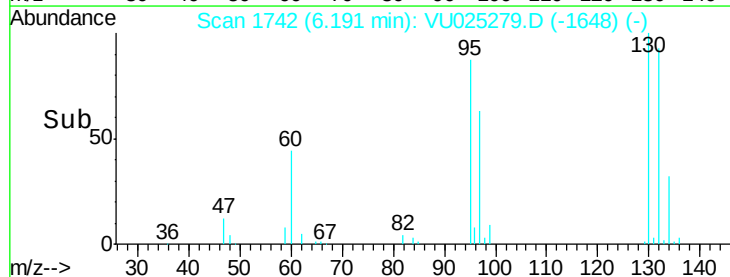
130 100

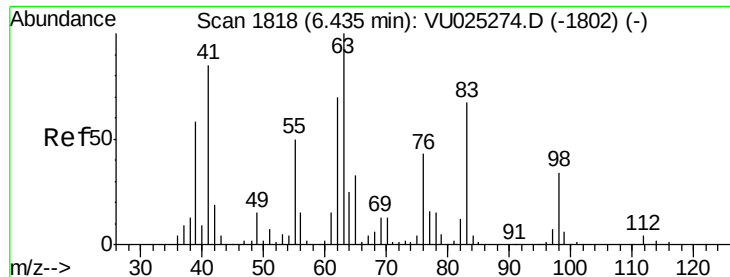
95 95.5 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025279.D (-1648) (-)

Ion 94.90 (94.60 to 95.60): VU025279.D (-1648) (-)

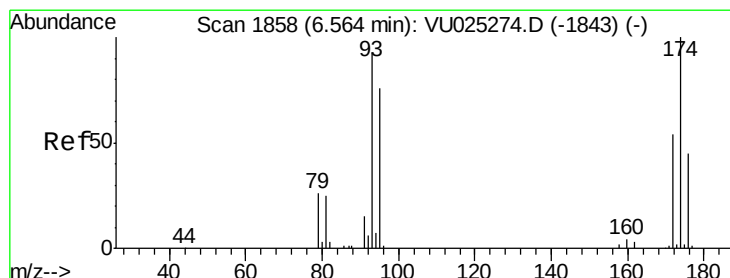
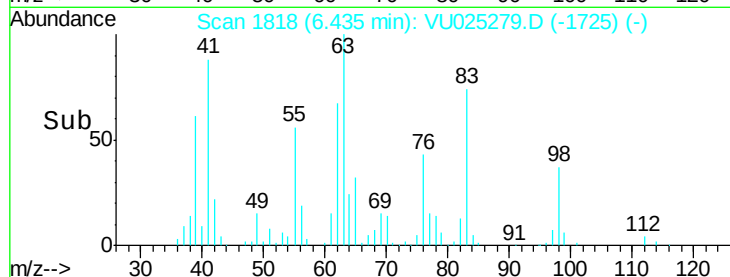
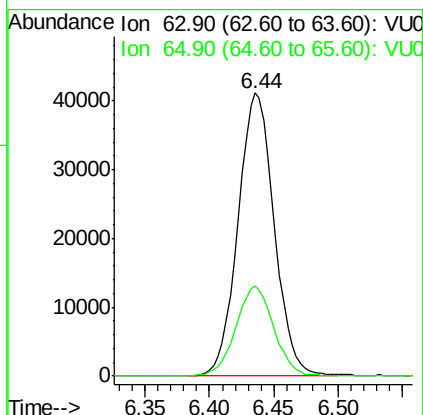
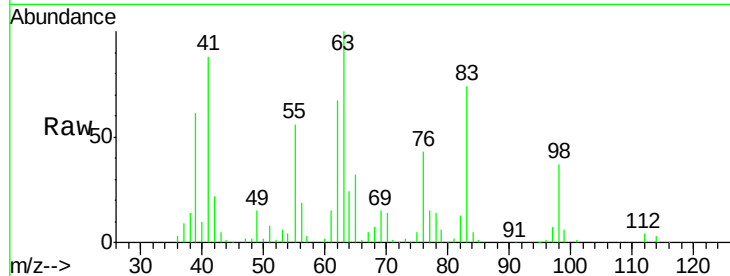




#45
 1,2-Dichloropropane
 Concen: 38.441 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

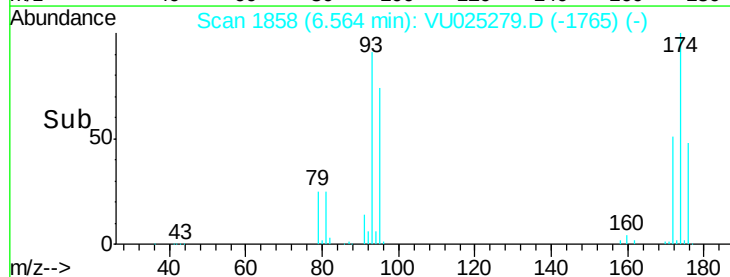
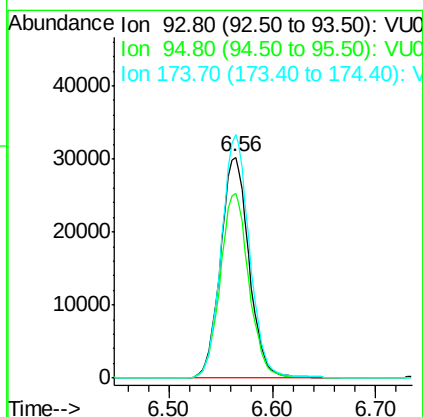
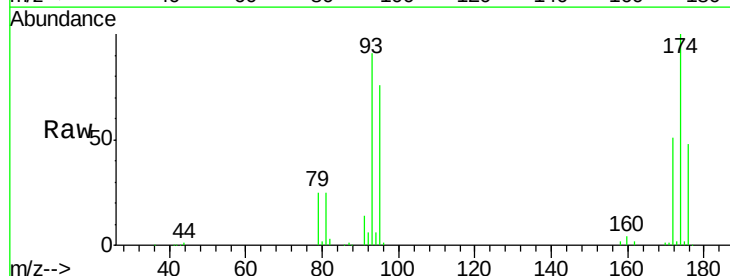
Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

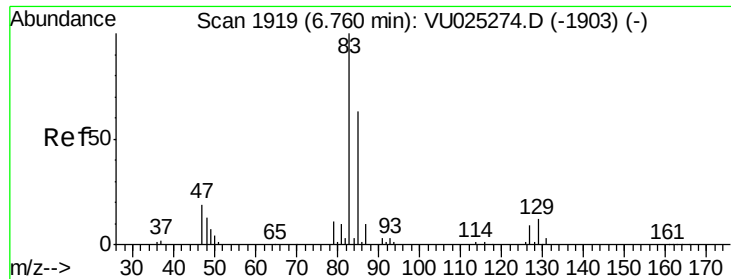
Tgt Ion: 63 Resp: 80380
 Ion Ratio Lower Upper
 63 100
 65 31.8 26.1 39.1



#46
 Dibromomethane
 Concen: 38.268 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Tgt Ion: 93 Resp: 58232
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 100.0
 174 108.3 85.8 128.8





#47

Bromodichloromethane

Concen: 38.835 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

VICVVU070918

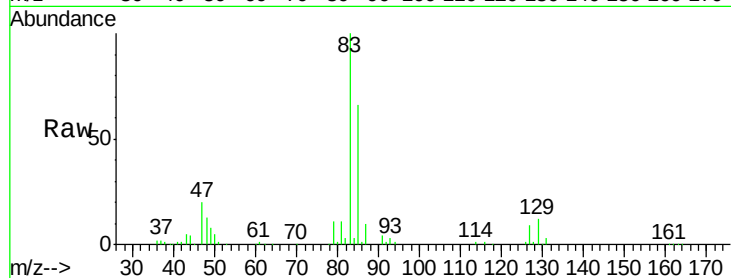
Tgt Ion: 83 Resp: 109777

Ion Ratio Lower Upper

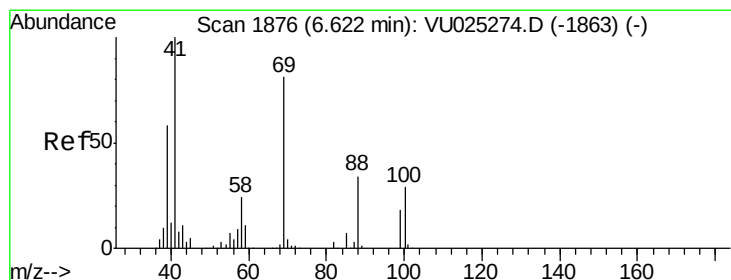
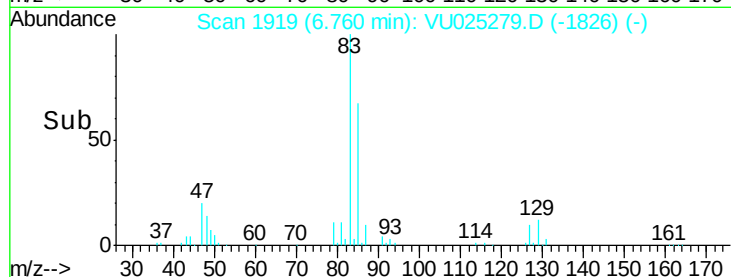
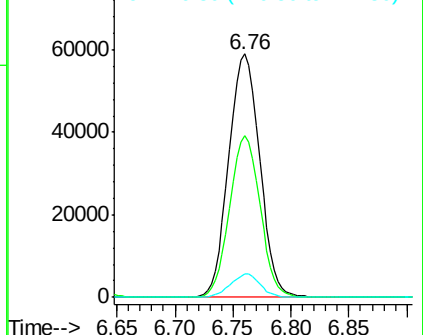
83 100

85 66.2 50.2 75.4

127 9.5 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: 38.500 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

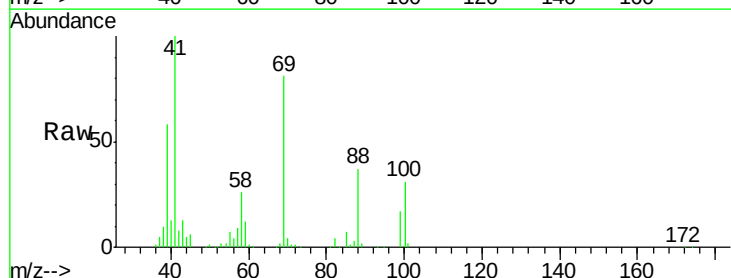
Tgt Ion: 41 Resp: 94956

Ion Ratio Lower Upper

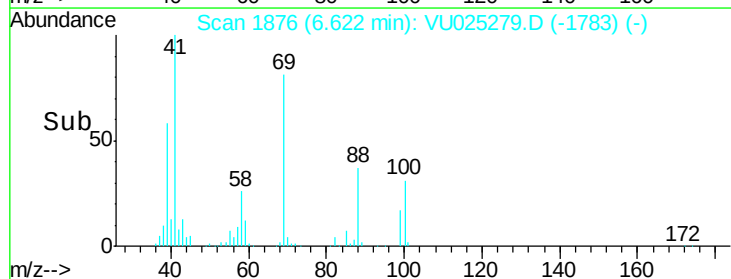
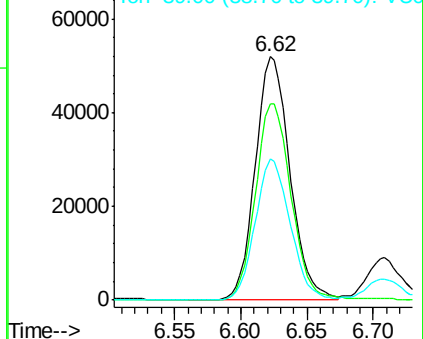
41 100

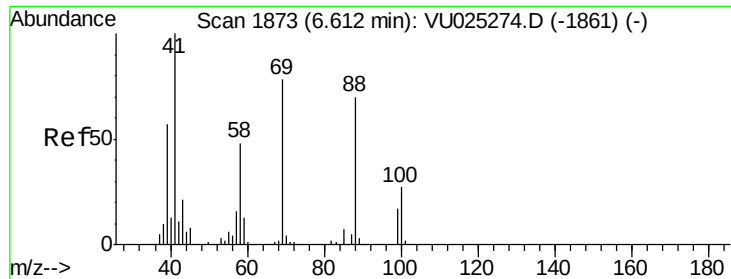
69 82.7 65.0 97.4

39 58.2 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

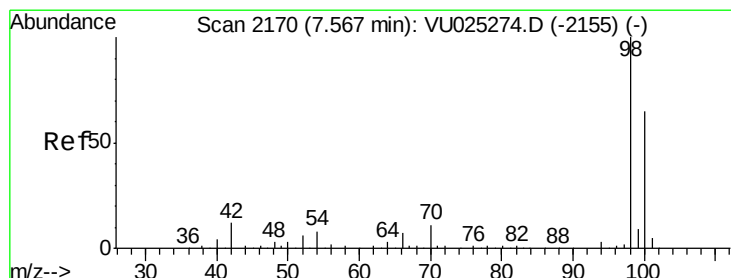
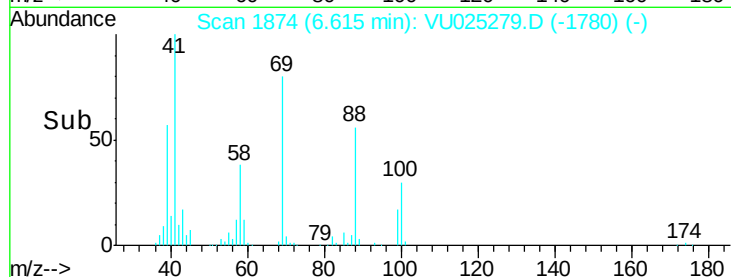
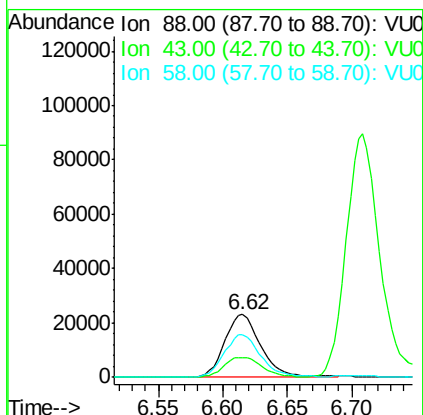
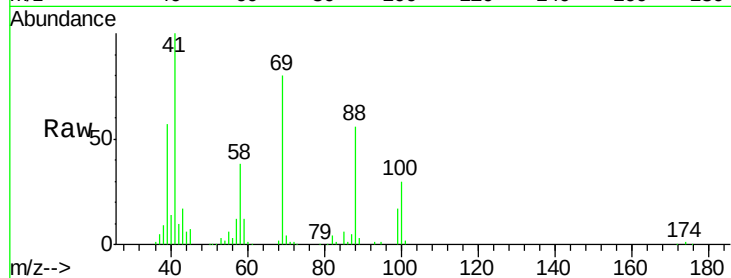




#49
1,4-Dioxane
Concen: 764.955 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

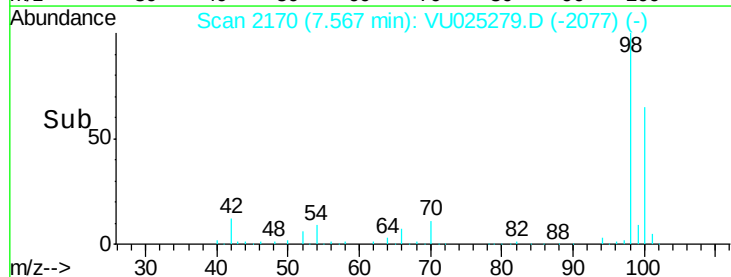
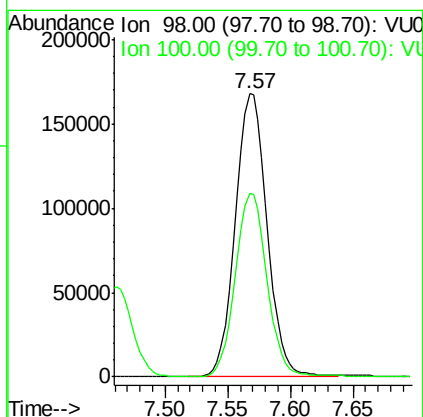
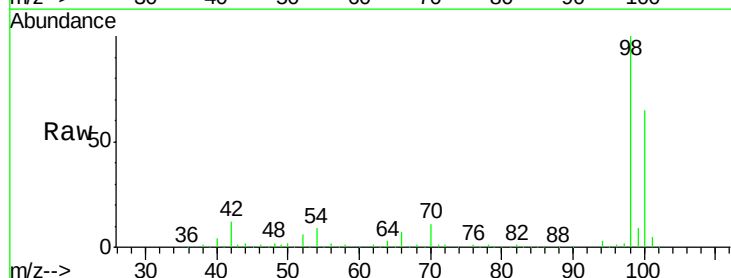
Instrument :
MSVOA_U
ClientSampleId :
VICVVU070918

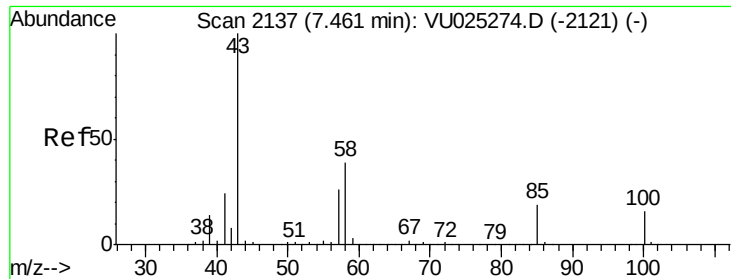
Tgt Ion: 88 Resp: 45398
Ion Ratio Lower Upper
88 100
43 33.9 27.3 40.9
58 68.8 57.6 86.4



#50
Toluene-d8
Concen: 41.146 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Tgt Ion: 98 Resp: 296180
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 188.497 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

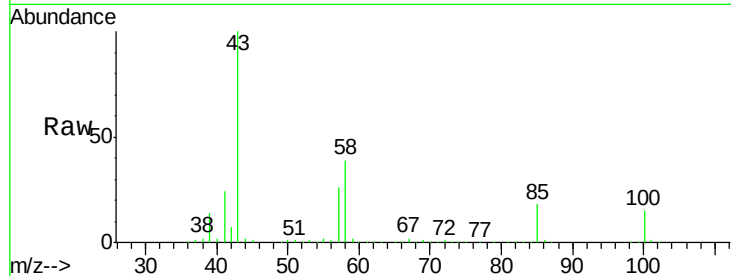
VICVVU070918

Tgt Ion: 43 Resp: 606134

Ion Ratio Lower Upper

43 100

58 38.5 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

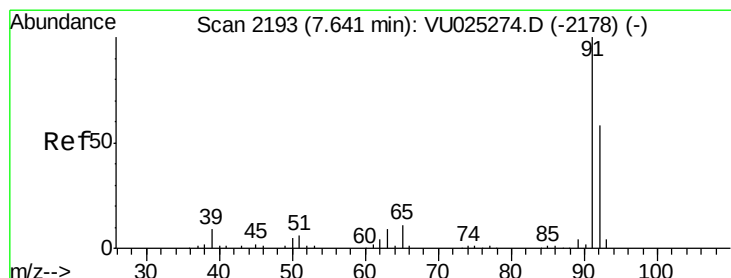
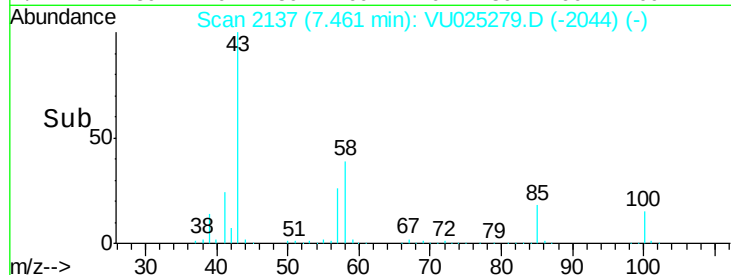
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 38.626 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025279.D

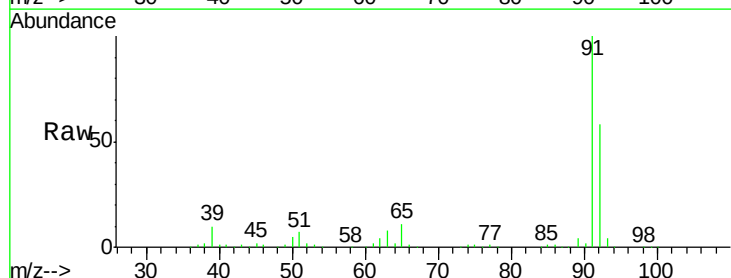
Acq: 09 Jul 2018 17:28

Tgt Ion: 92 Resp: 196184

Ion Ratio Lower Upper

92 100

91 173.1 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

200000

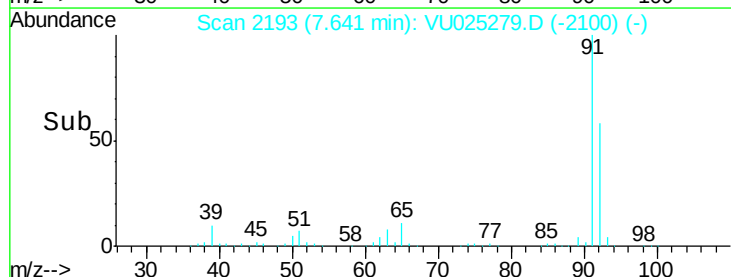
150000

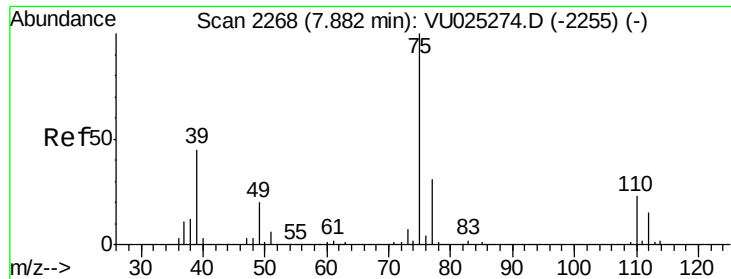
100000

50000

0

Time-->

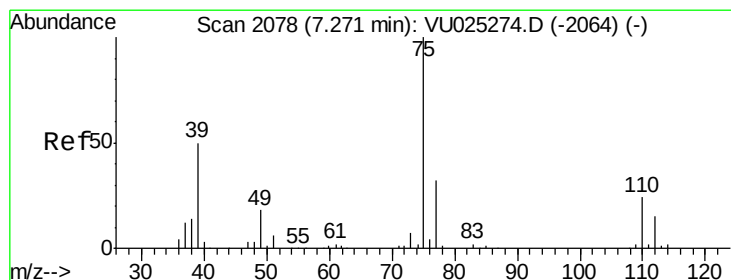
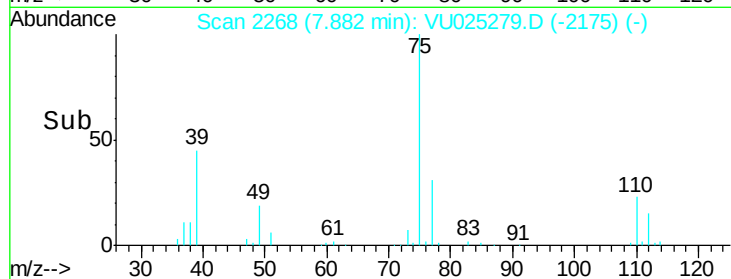
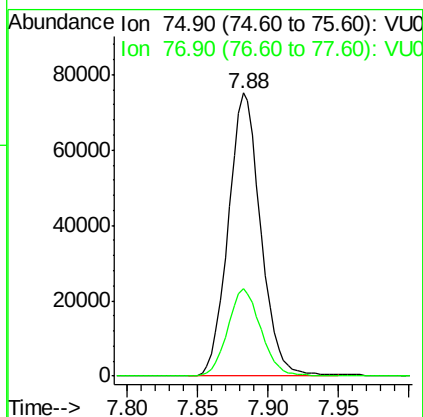
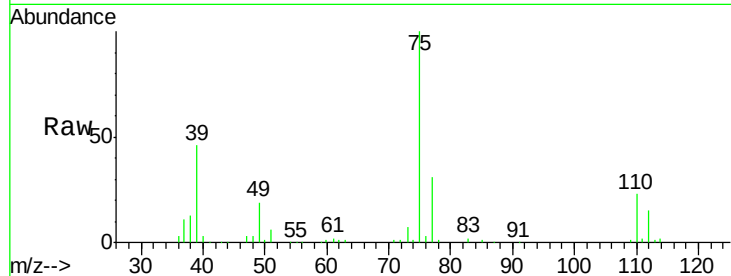




#53
 t-1,3-Dichloropropene
 Concen: 38.932 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

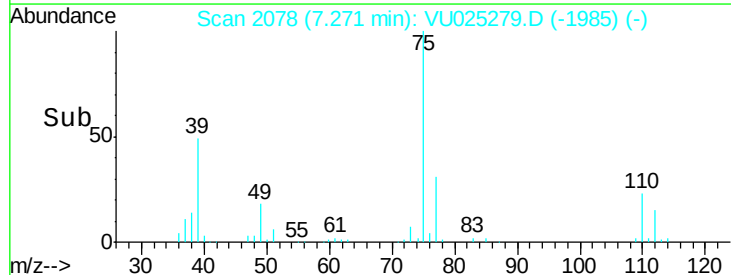
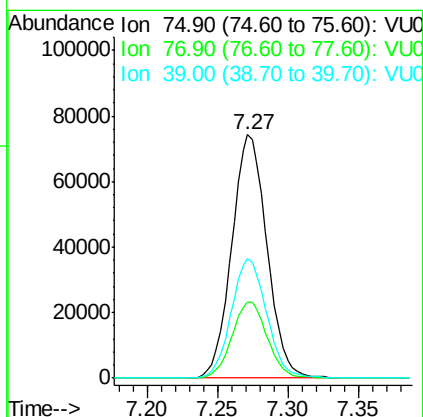
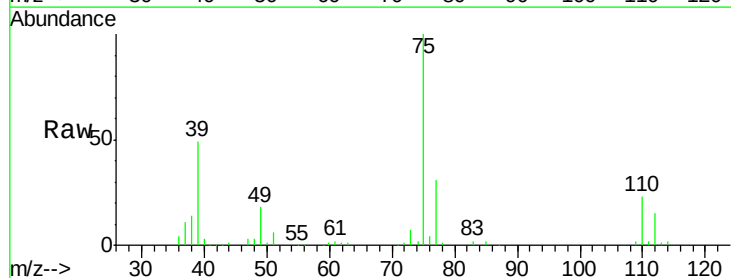
Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

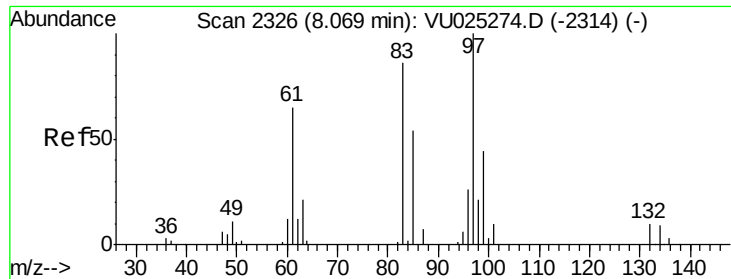
Tgt Ion: 75 Resp: 120915
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 39.268 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Tgt Ion: 75 Resp: 129799
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.6 38.4
 39 49.0 40.0 60.0

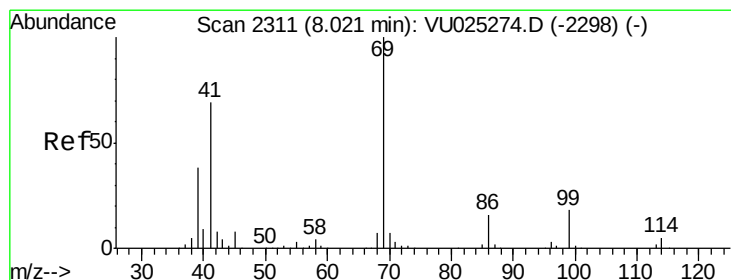
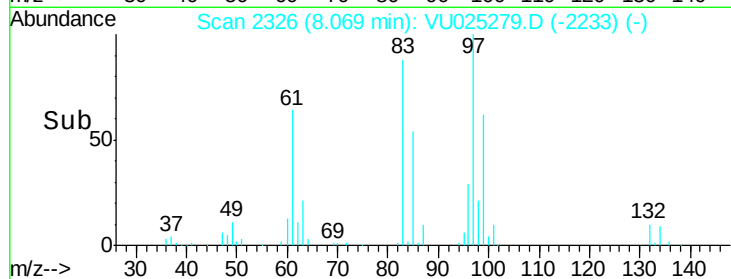
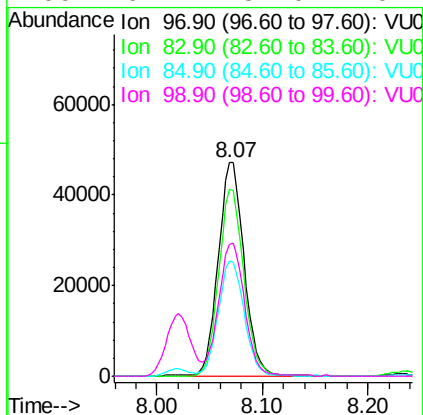
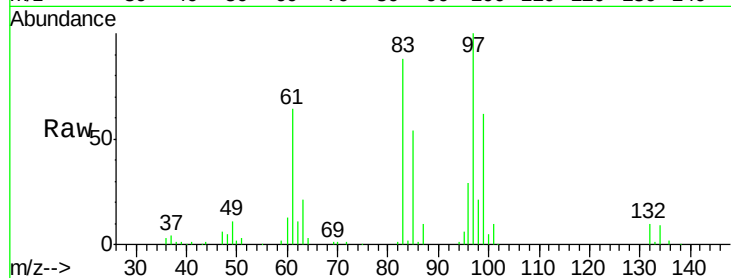




#55
 1,1,2-Trichloroethane
 Concen: 37.969 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

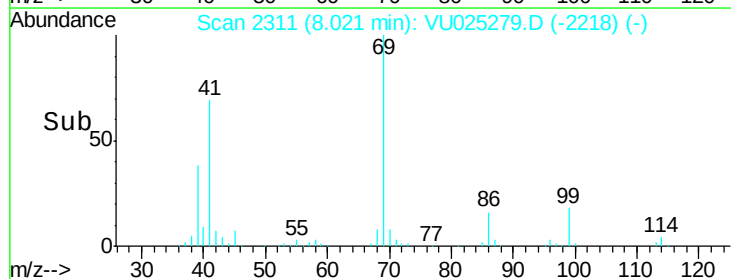
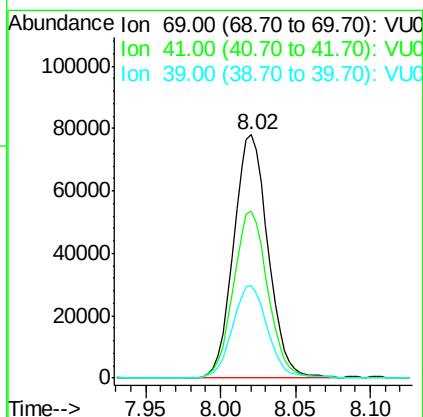
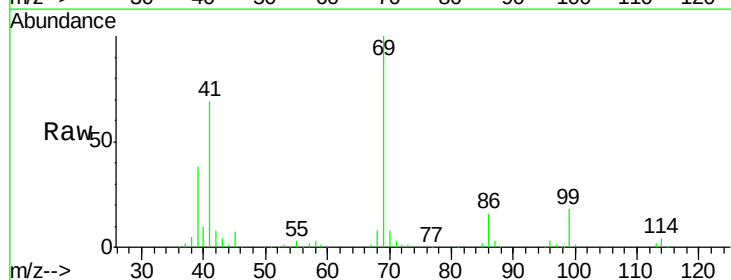
Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

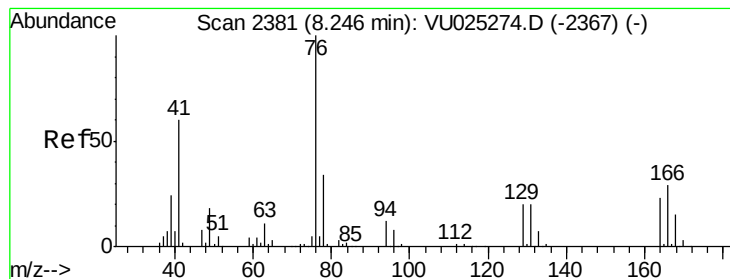
Tgt Ion:	97	Resp:	80315
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.9	103.3
85	54.1	44.4	66.6
99	61.7	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 37.870 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Tgt Ion:	69	Resp:	125116
Ion	Ratio	Lower	Upper
69	100		
41	68.7	54.8	82.2
39	38.2	31.1	46.7





#57

1,3-Dichloropropane

Concen: 38.489 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

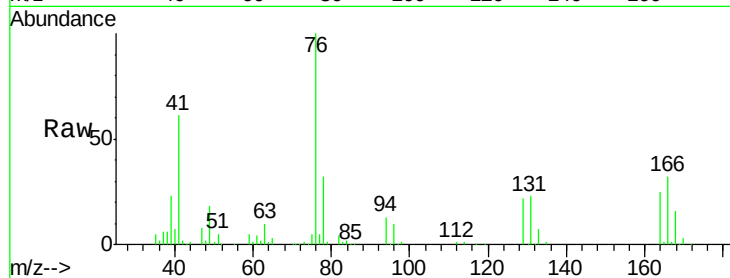
VICVVU070918

Tgt Ion: 76 Resp: 135156

Ion Ratio Lower Upper

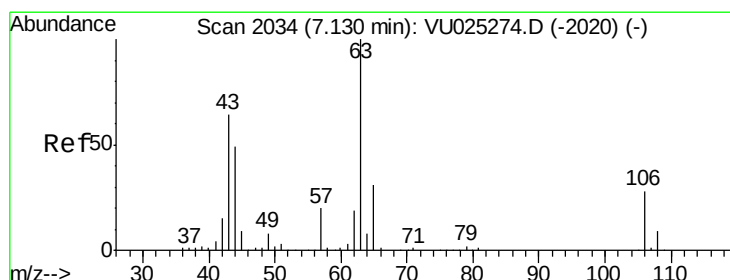
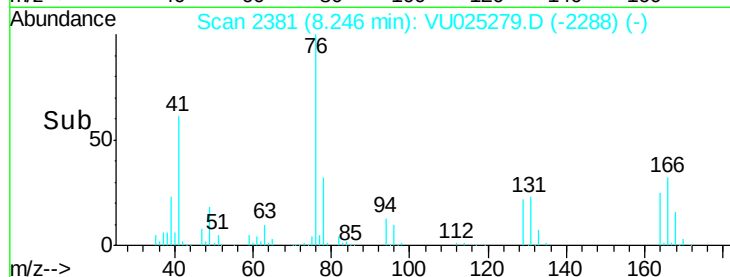
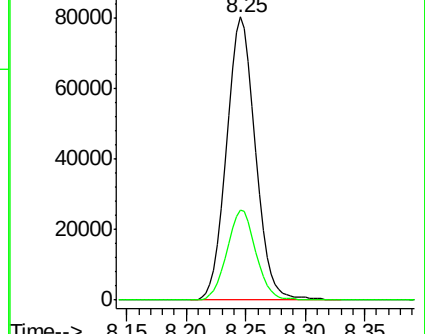
76 100

78 32.0 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: 198.142 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU025279.D

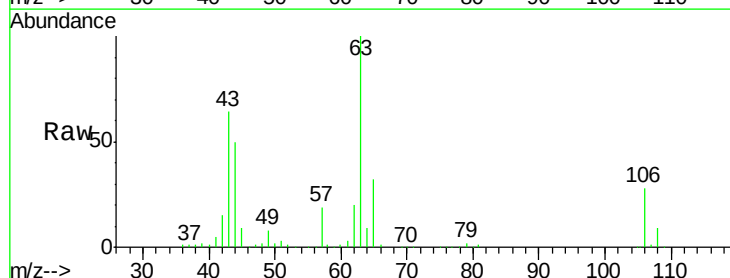
Acq: 09 Jul 2018 17:28

Tgt Ion: 63 Resp: 293944

Ion Ratio Lower Upper

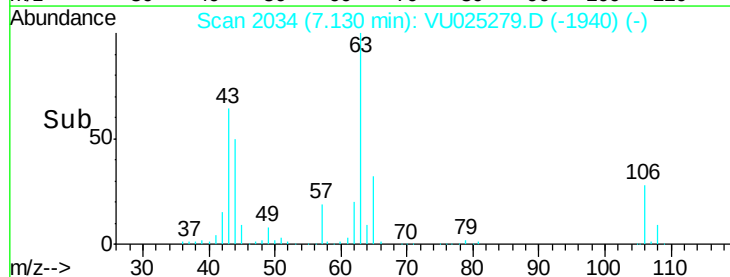
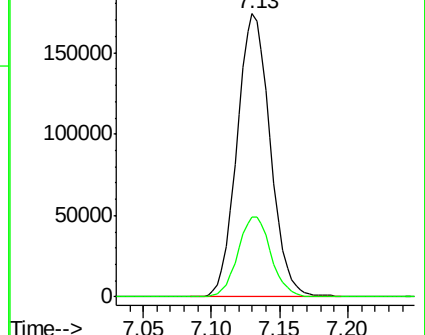
63 100

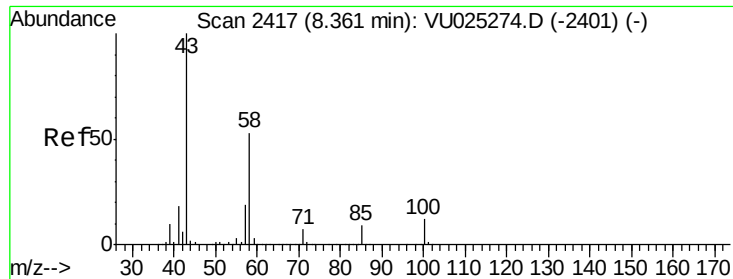
106 28.2 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

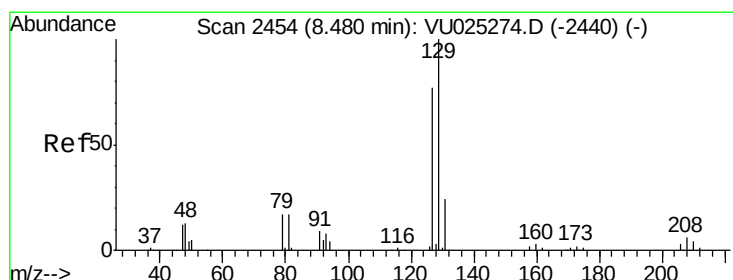
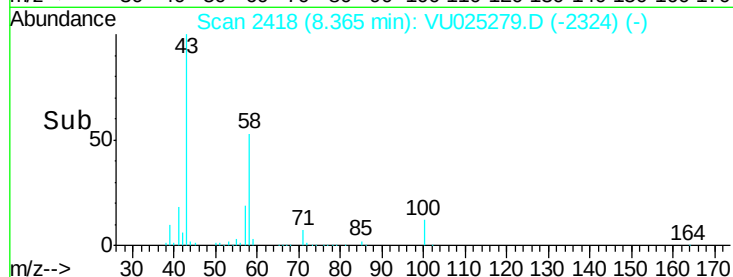
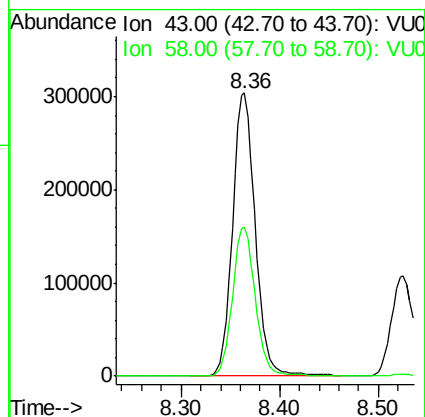
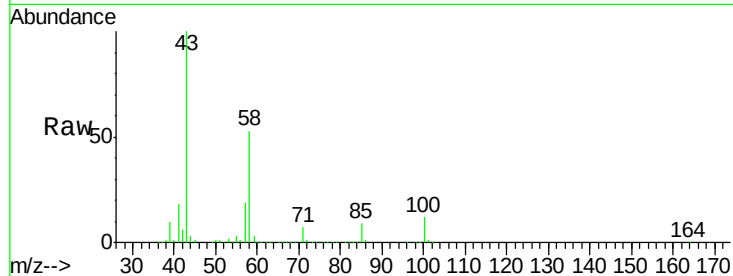




#59
2-Hexanone
Concen: 187.607 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

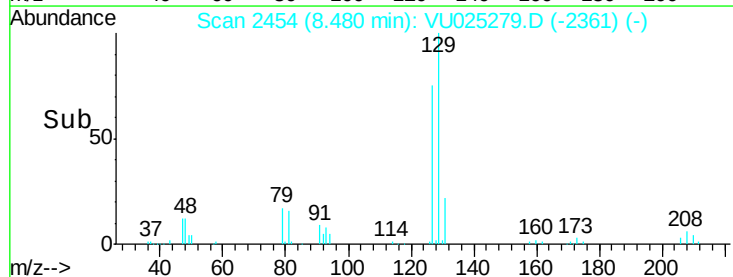
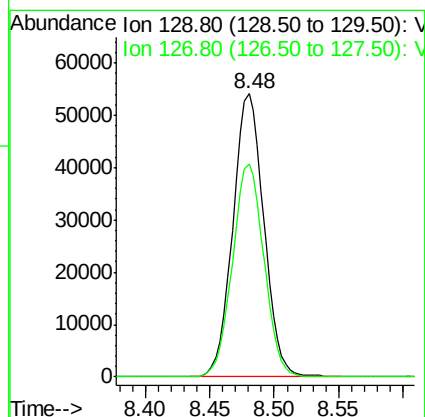
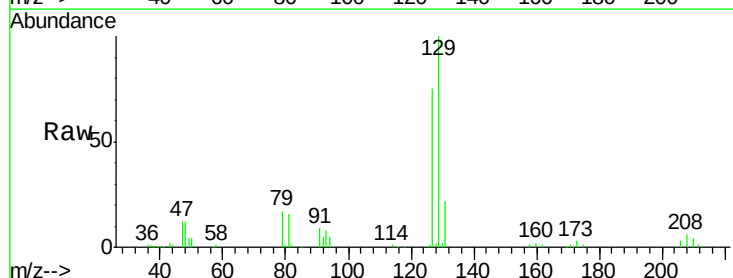
Instrument :
MSVOA_U
ClientSampleId :
VICVVU070918

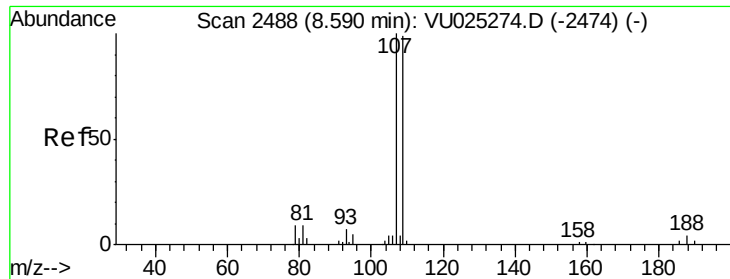
Tgt Ion: 43 Resp: 489333
Ion Ratio Lower Upper
43 100
58 53.0 26.2 78.5



#60
Dibromochloromethane
Concen: 39.528 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Tgt Ion: 129 Resp: 90299
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 39.289 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

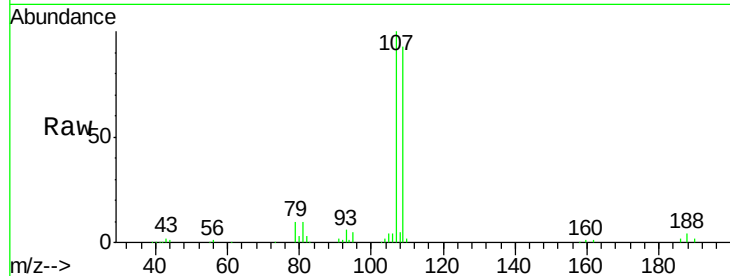
VICVVU070918

Tgt Ion:107 Resp: 88926

Ion Ratio Lower Upper

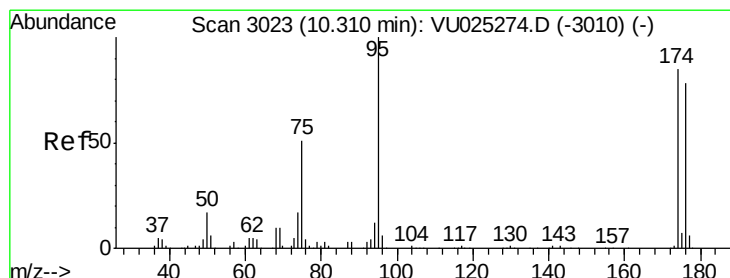
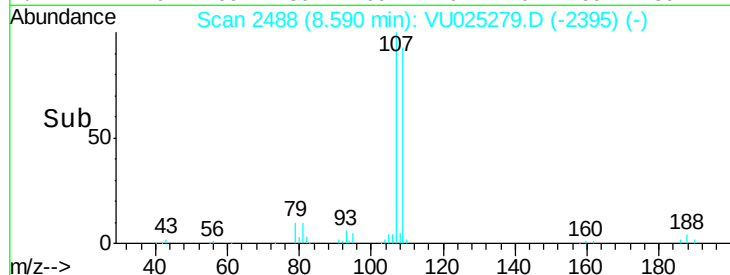
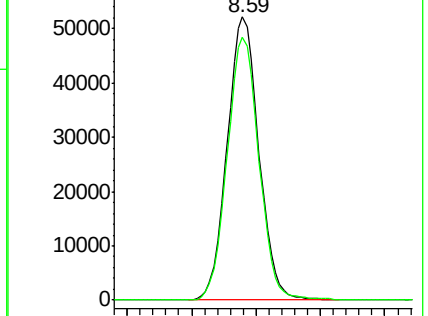
107 100

109 93.1 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: 41.958 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

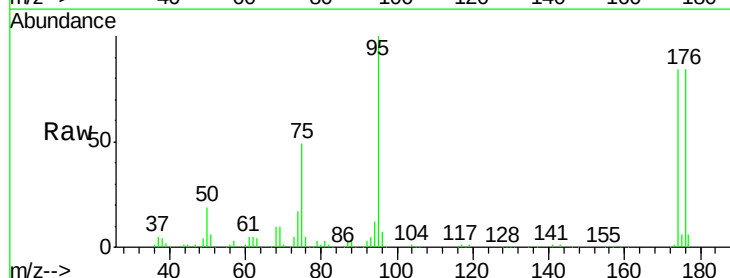
Tgt Ion: 95 Resp: 121595

Ion Ratio Lower Upper

95 100

174 86.6 0.0 172.2

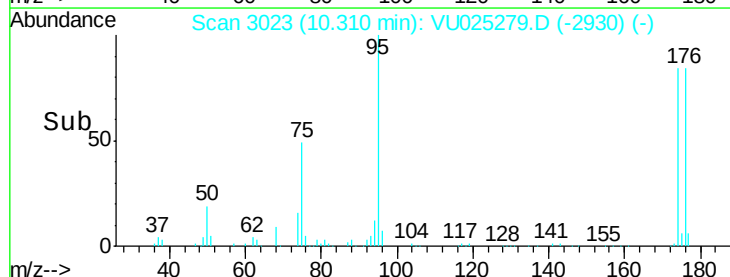
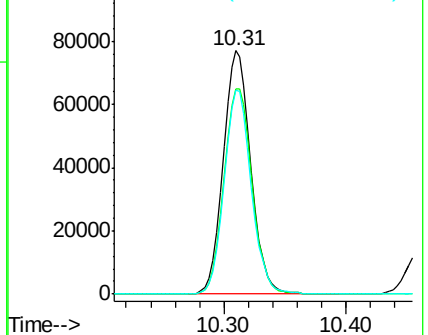
176 83.1 0.0 162.6

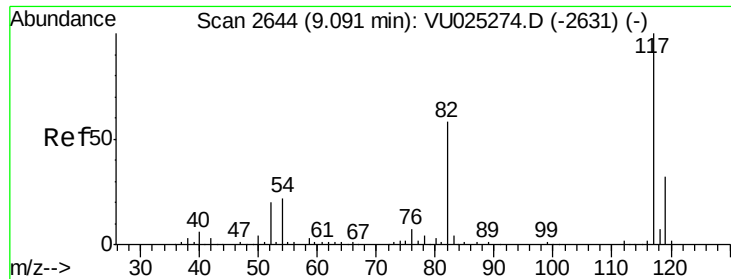


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

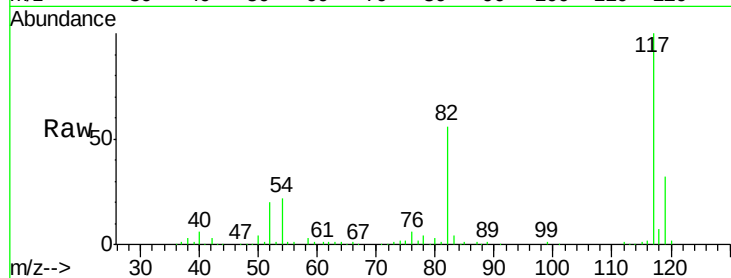




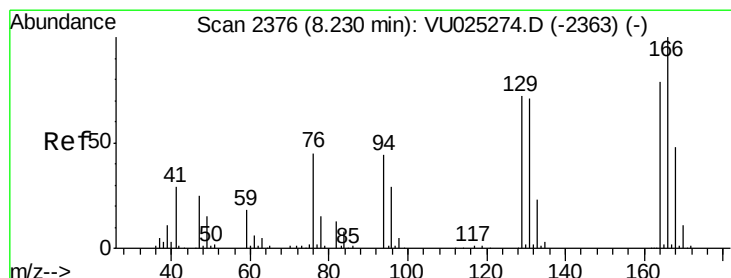
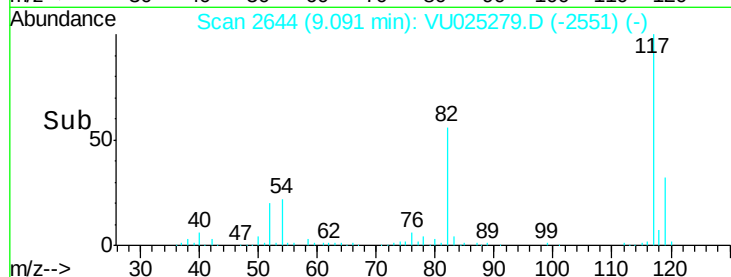
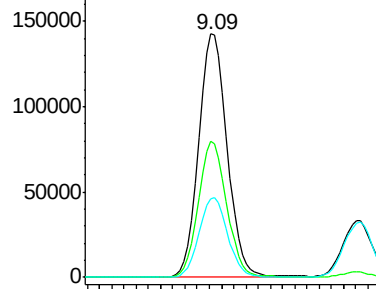
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Instrument :
MSVOA_U
ClientSampleId :
VICVVU070918

Tgt Ion:117 Resp: 233790
Ion Ratio Lower Upper
117 100
82 55.8 46.0 69.0
119 32.3 26.0 39.0

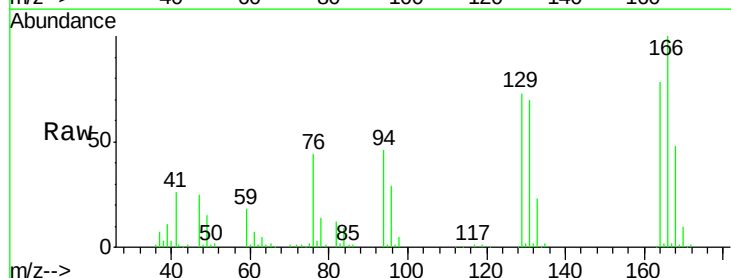


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

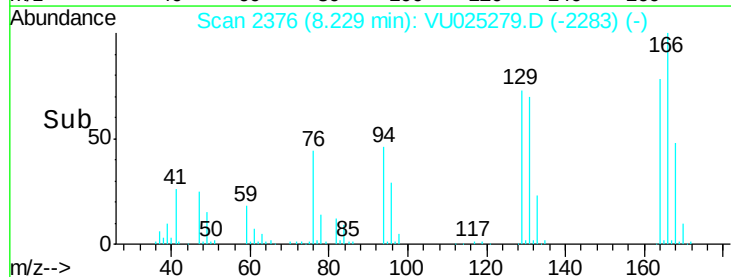
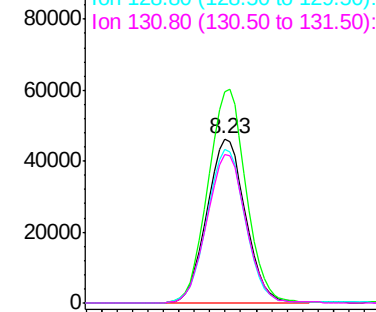


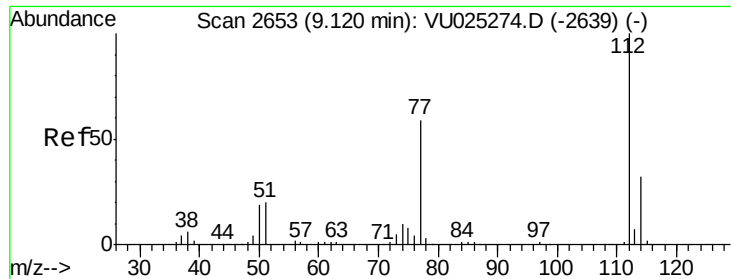
#64
Tetrachloroethene
Concen: 37.593 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Tgt Ion:164 Resp: 80116
Ion Ratio Lower Upper
164 100
166 128.6 101.1 151.7
129 93.4 73.0 109.6
131 90.6 72.1 108.1



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

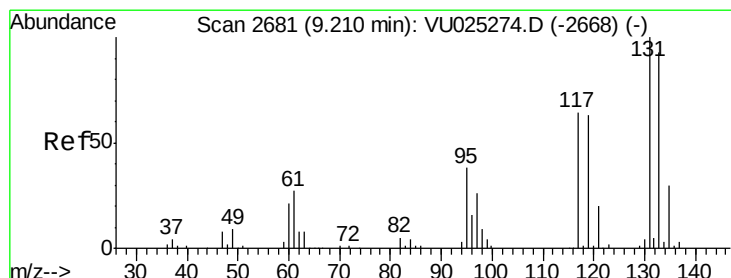
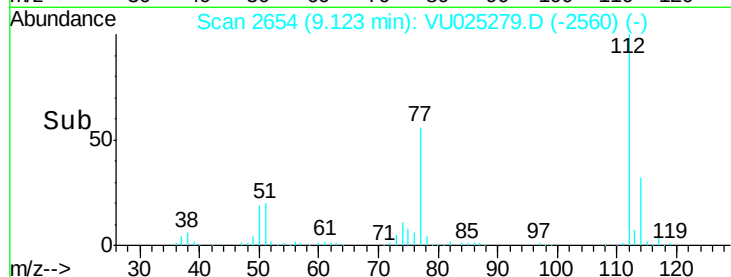
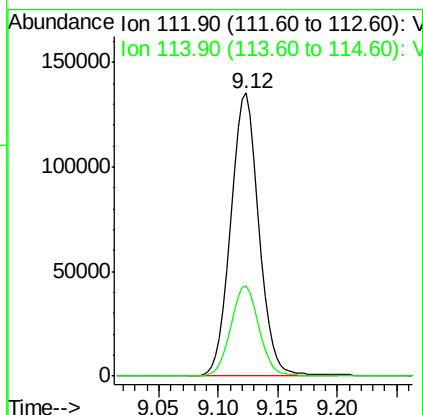
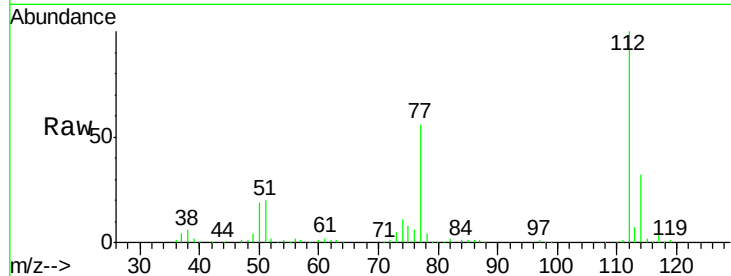




#65
Chlorobenzene
Concen: 38.111 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

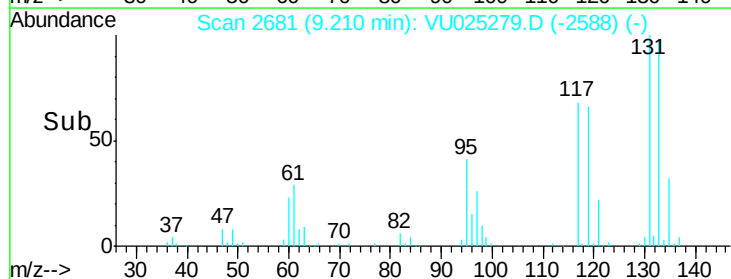
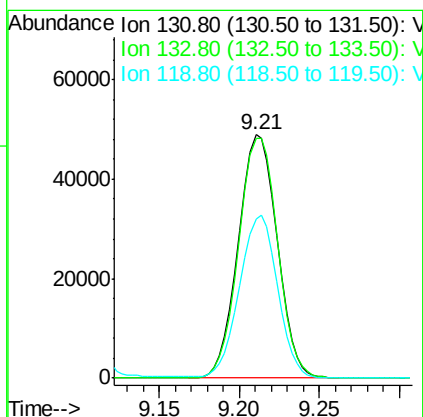
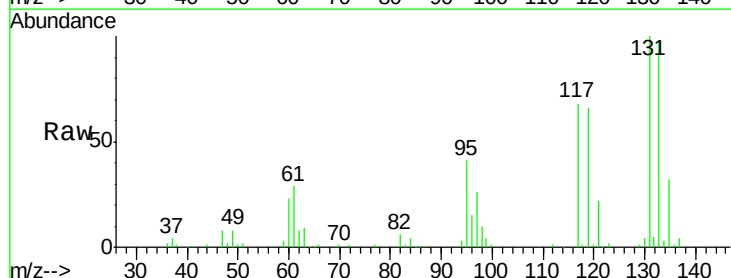
Instrument :
MSVOA_U
ClientSampleId :
VICVVU070918

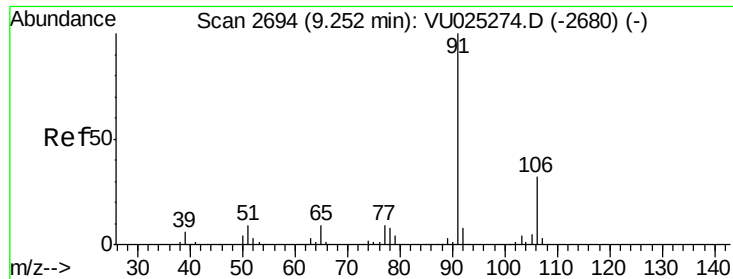
Tgt Ion:112 Resp: 222582
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 38.887 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Tgt Ion:131 Resp: 81240
Ion Ratio Lower Upper
131 100
133 98.7 47.8 143.3
119 65.9 31.6 95.0

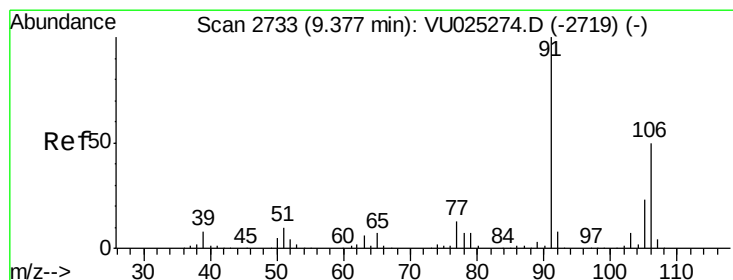
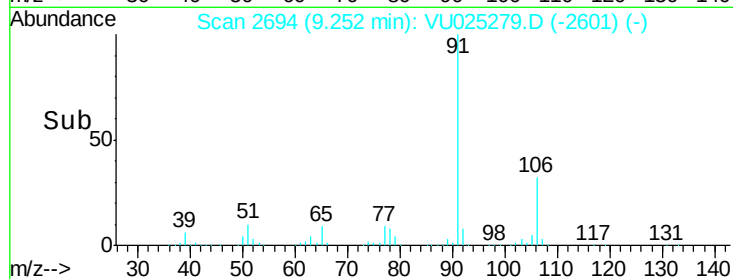
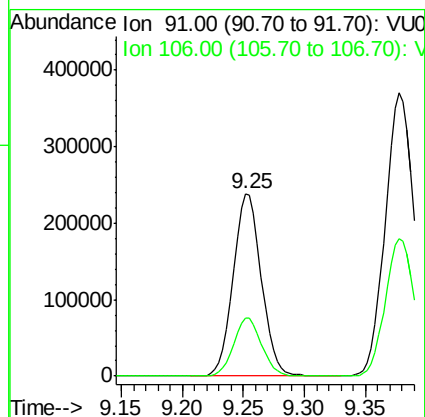
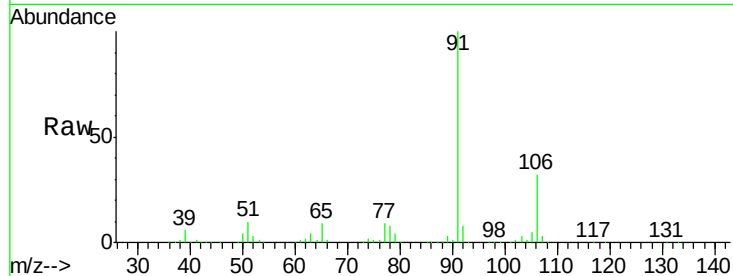




#67
Ethyl Benzene
Concen: 38.700 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

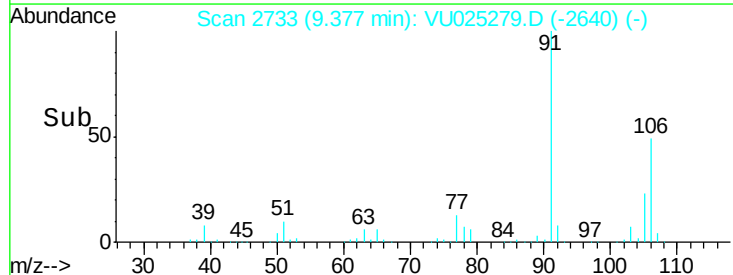
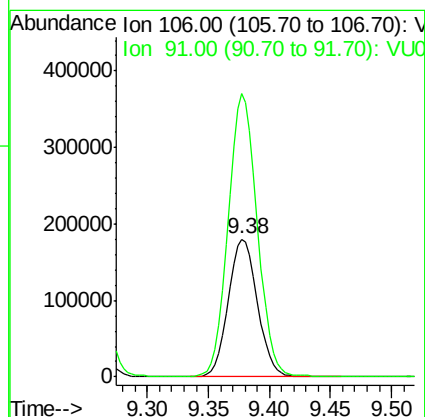
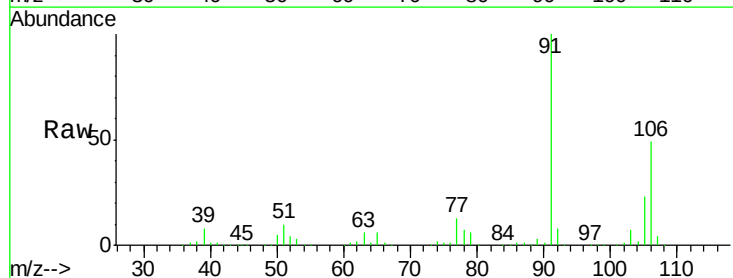
Instrument :
MSVOA_U
ClientSampleId :
VICVVU070918

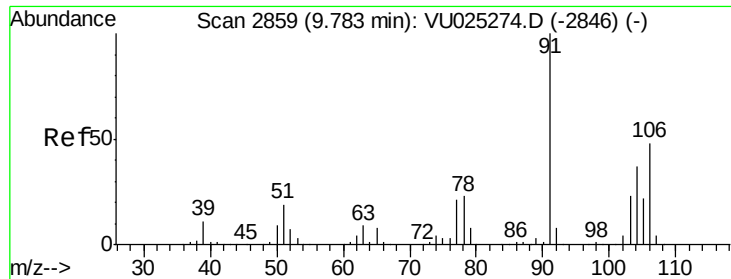
Tgt Ion: 91 Resp: 385331
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9



#68
m/p-Xylenes
Concen: 78.134 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Tgt Ion: 106 Resp: 300769
Ion Ratio Lower Upper
106 100
91 204.4 162.3 243.5

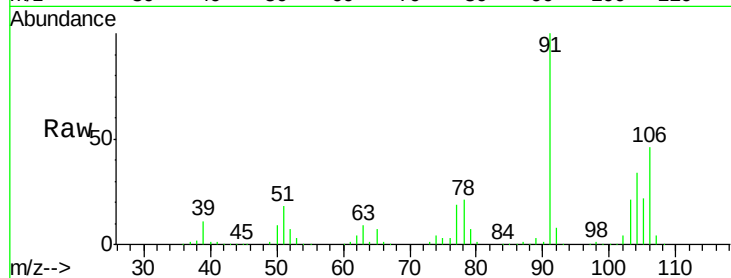




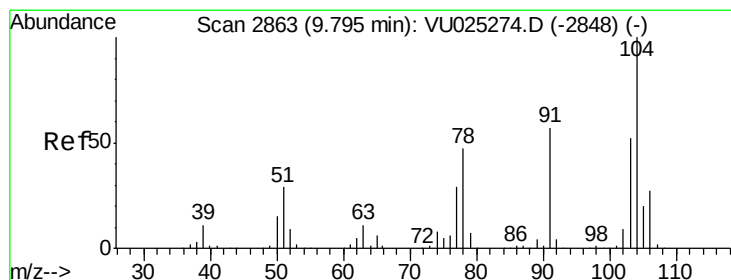
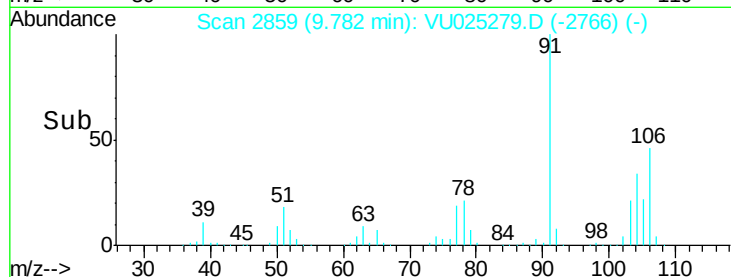
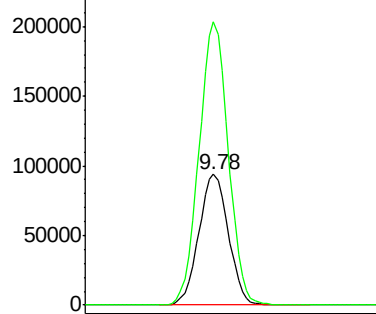
#69
o-Xylene
Concen: 38.772 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Instrument :
MSVOA_U
ClientSampleId :
VICVVU070918

Tgt Ion:106 Resp: 149421
Ion Ratio Lower Upper
106 100
91 213.7 105.3 315.8

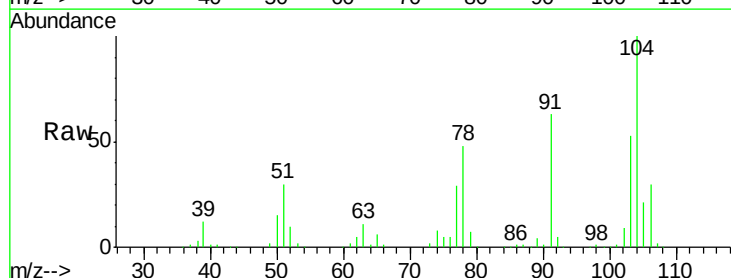


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

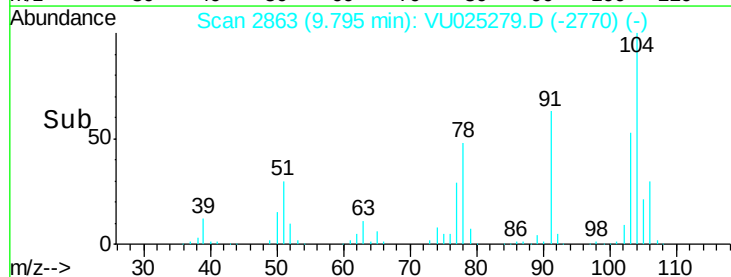
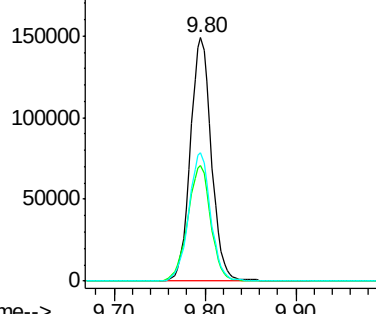


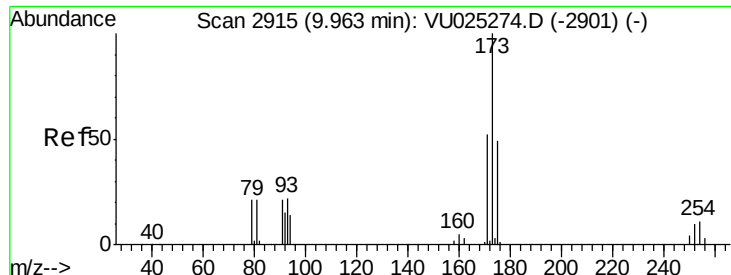
#70
Styrene
Concen: 39.069 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Tgt Ion:104 Resp: 239169
Ion Ratio Lower Upper
104 100
78 51.8 41.6 62.4
103 55.1 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: 35.784 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

VICVVU070918

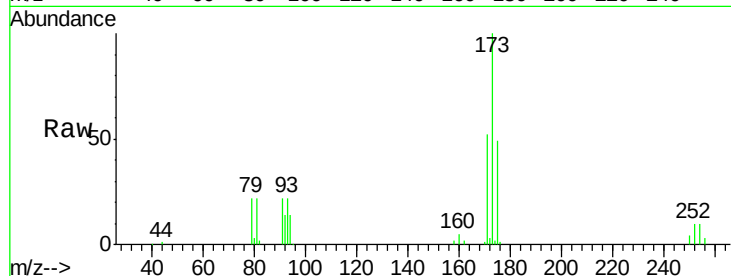
Tgt Ion:173 Resp: 69369

Ion Ratio Lower Upper

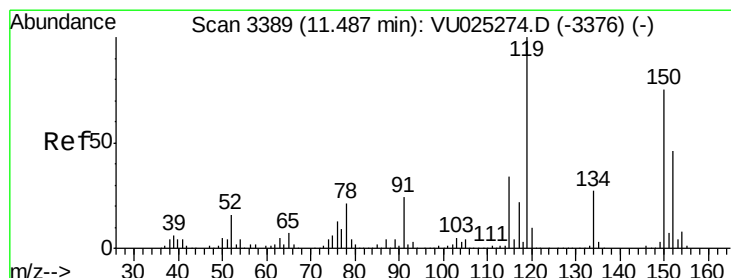
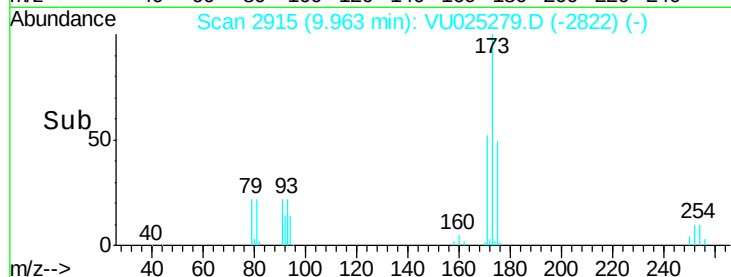
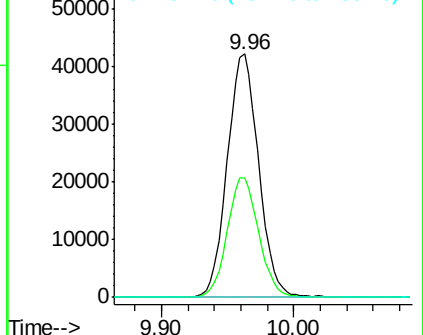
173 100

175 49.0 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: VU025279.D

Acq: 09 Jul 2018 17:28

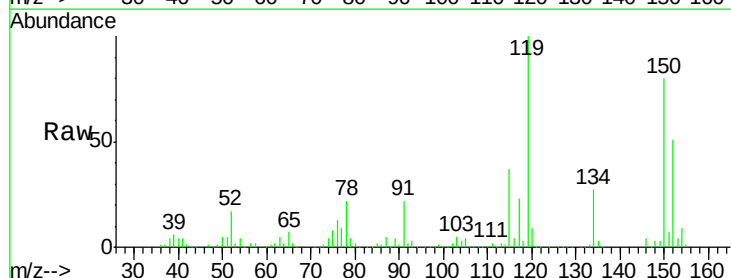
Tgt Ion:152 Resp: 139146

Ion Ratio Lower Upper

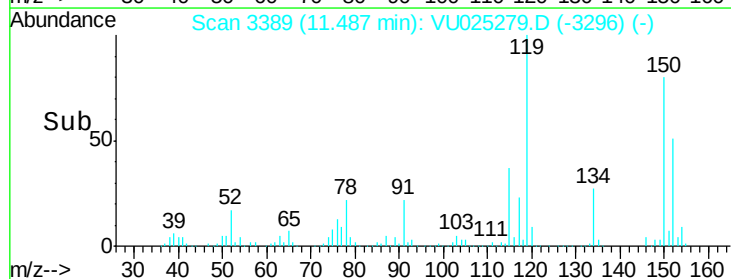
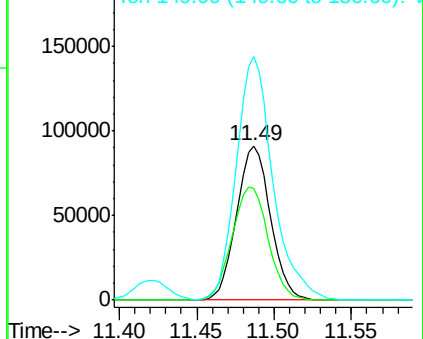
152 100

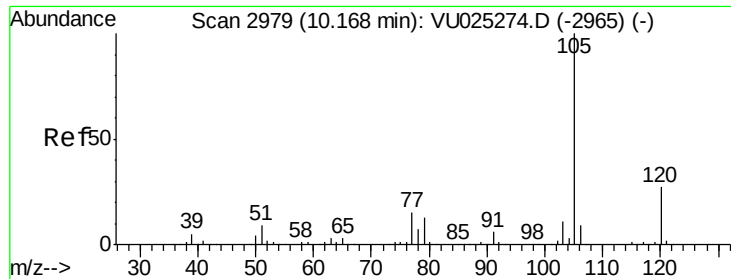
115 77.7 40.1 120.3

150 170.4 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: 38.069 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

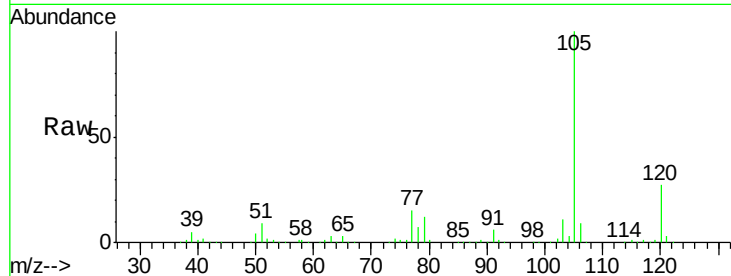
VICVVU070918

Tgt Ion:105 Resp: 404737

Ion Ratio Lower Upper

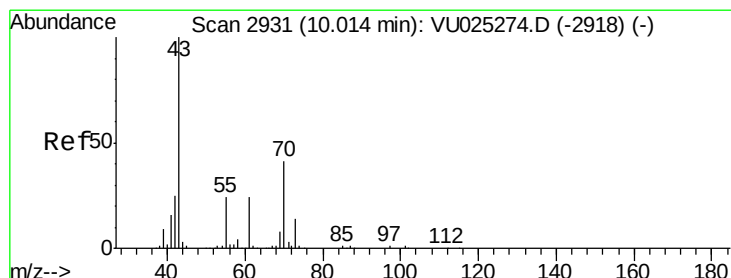
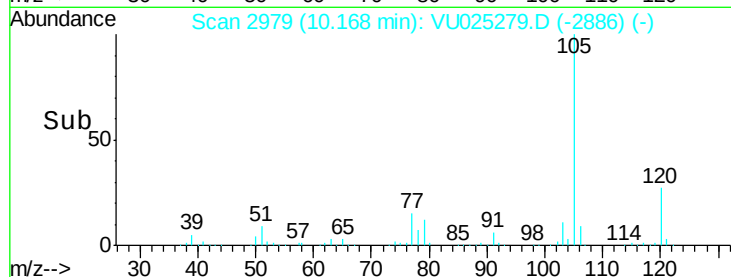
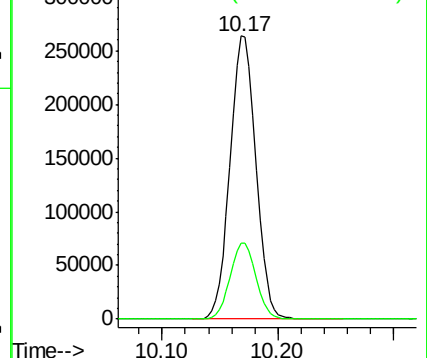
105 100

120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 38.709 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Tgt Ion: 43 Resp: 167165

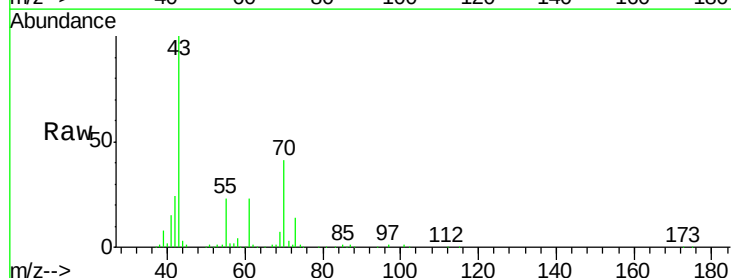
Ion Ratio Lower Upper

43 100

70 41.6 33.4 50.2

55 23.6 19.0 28.6

61 23.5 19.3 28.9

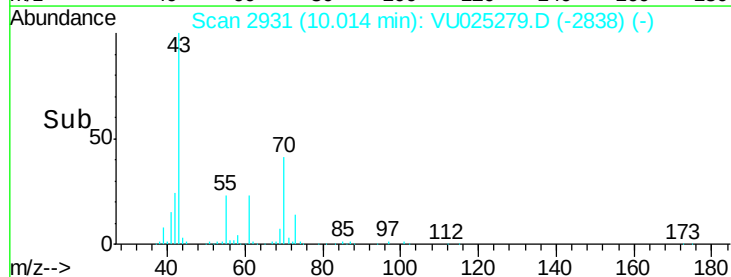
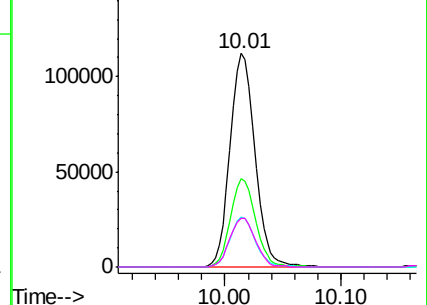


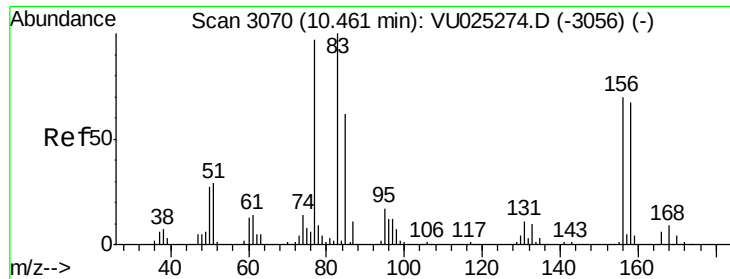
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 37.191 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

VICVVU070918

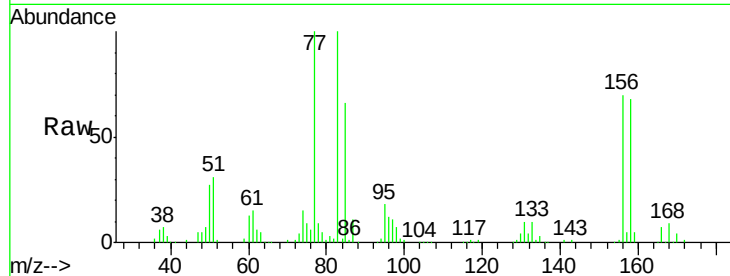
Tgt Ion: 83 Resp: 129359

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

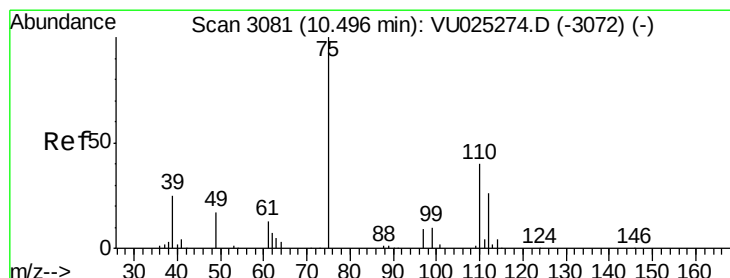
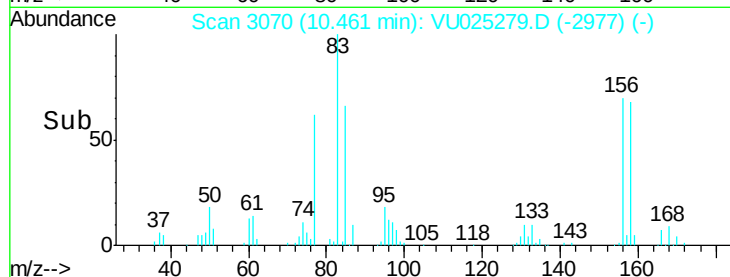
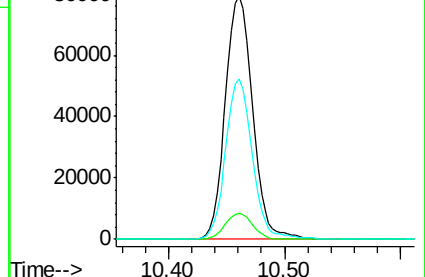
85 64.4 31.6 94.8



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: 53.728 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025279.D

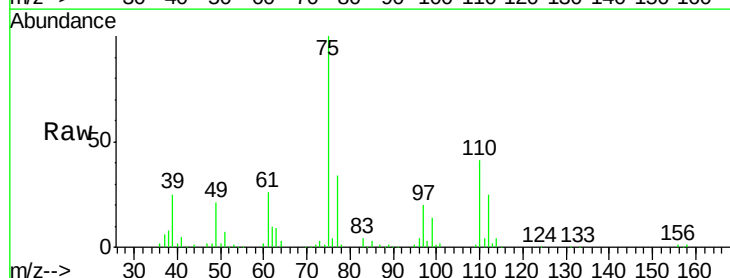
Acq: 09 Jul 2018 17:28

Tgt Ion: 75 Resp: 154583

Ion Ratio Lower Upper

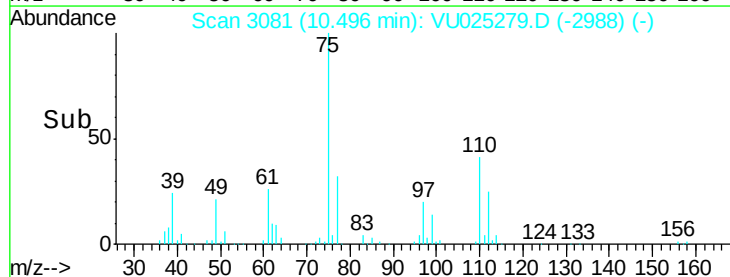
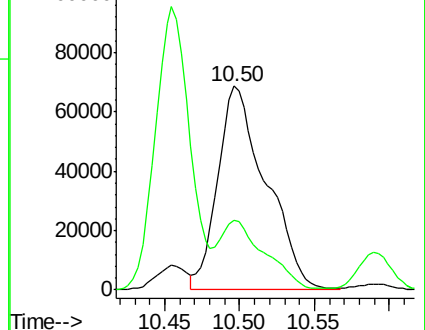
75 100

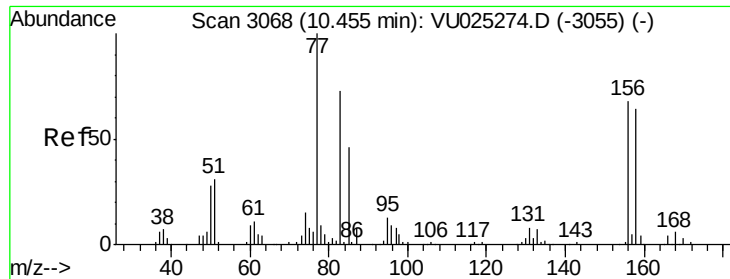
77 30.7 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 37.357 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

VICVVU070918

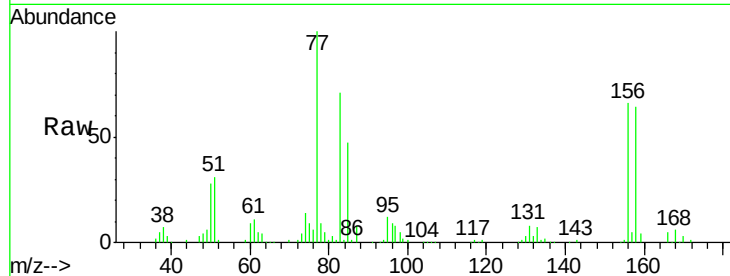
Tgt Ion:156 Resp: 101607

Ion Ratio Lower Upper

156 100

77 150.1 73.8 221.4

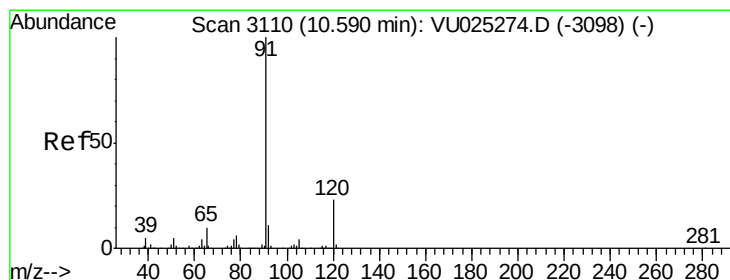
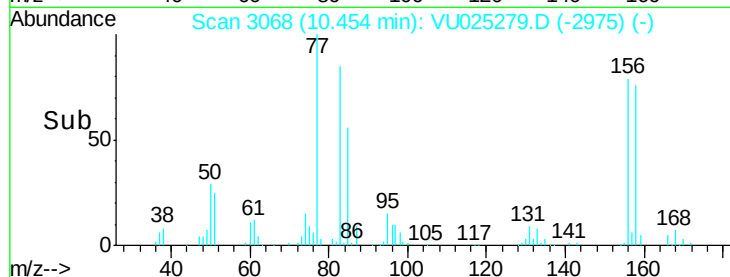
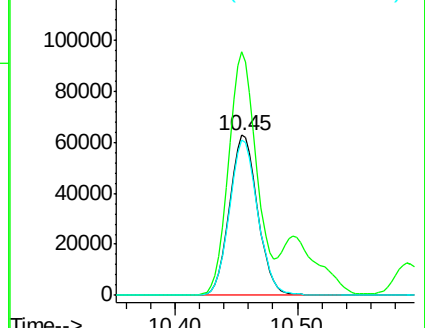
158 97.7 48.0 144.0



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: 38.578 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025279.D

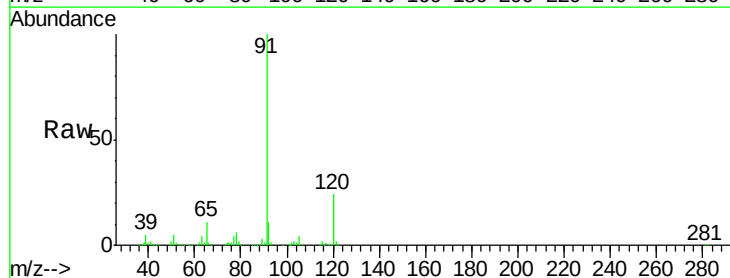
Acq: 09 Jul 2018 17:28

Tgt Ion: 91 Resp: 455115

Ion Ratio Lower Upper

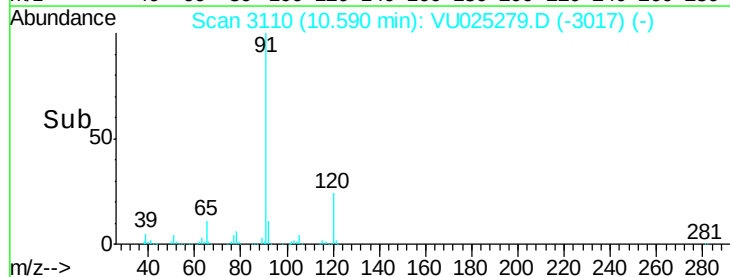
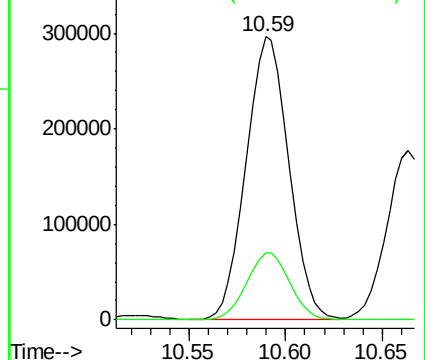
91 100

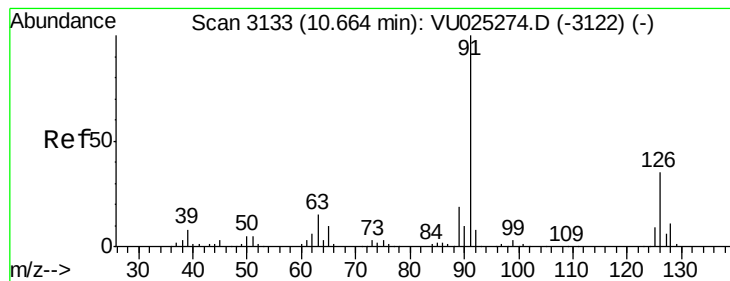
120 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 40.886 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

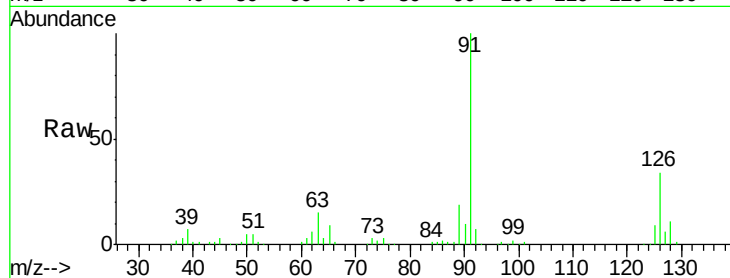
VICVVU070918

Tgt Ion: 91 Resp: 276775

Ion Ratio Lower Upper

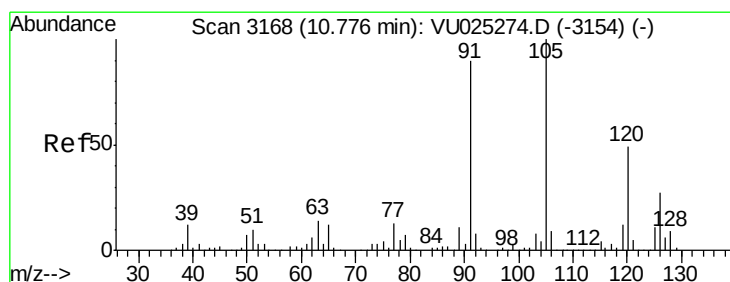
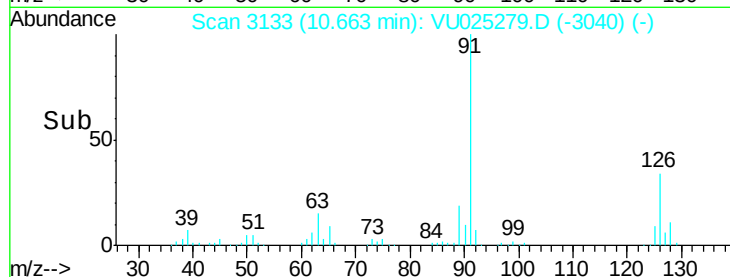
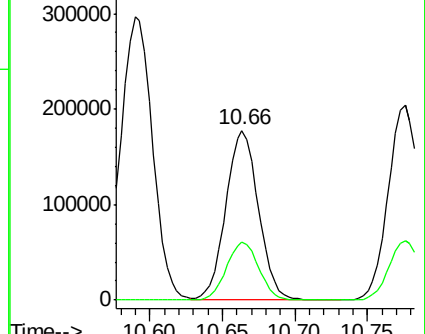
91 100

126 34.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 39.035 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025279.D

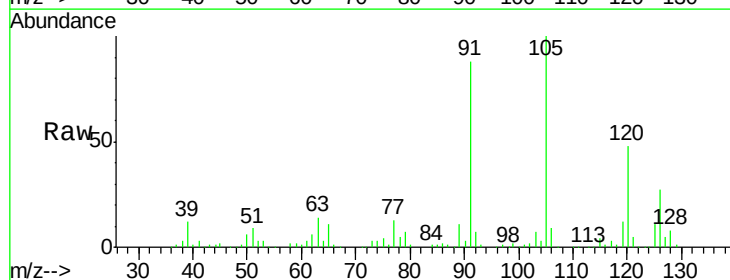
Acq: 09 Jul 2018 17:28

Tgt Ion: 105 Resp: 349200

Ion Ratio Lower Upper

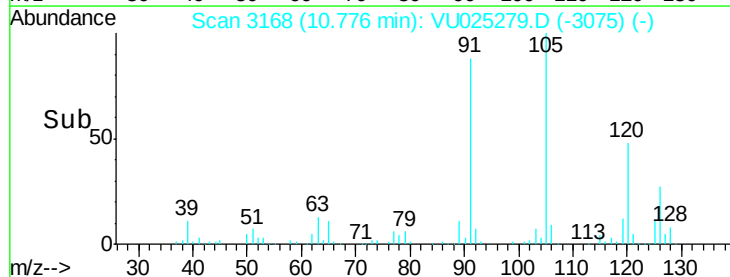
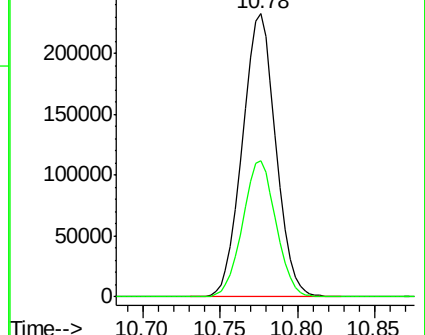
105 100

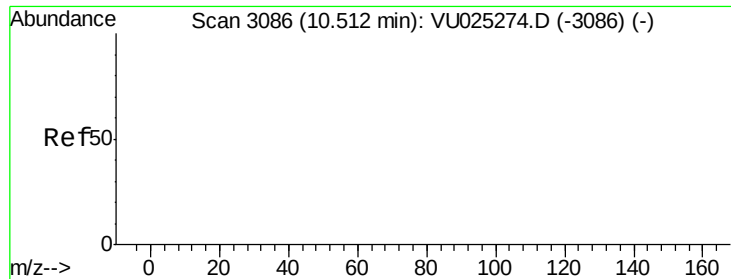
120 48.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

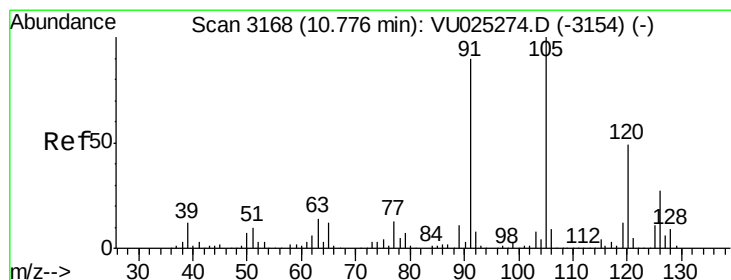
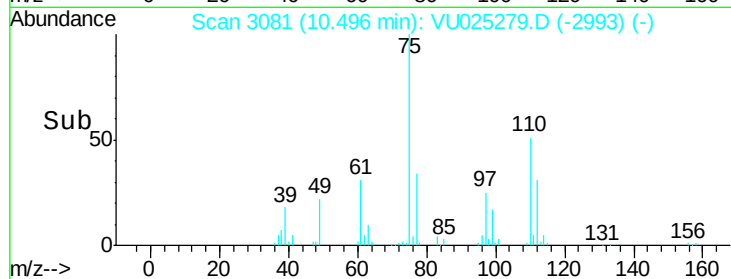
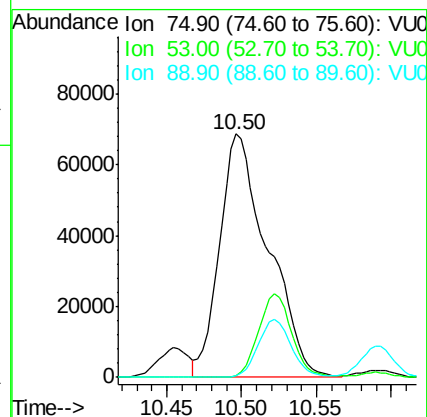
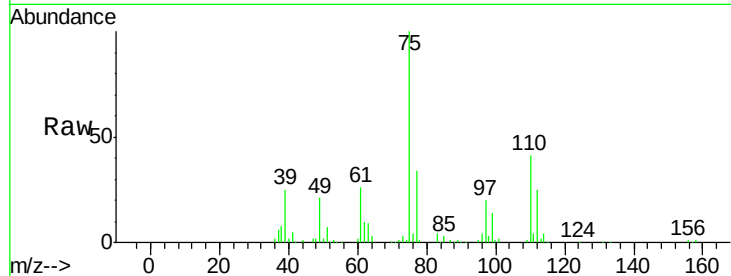




#81
trans-1,4-Dichloro-2-butene
Concen: 139.447 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

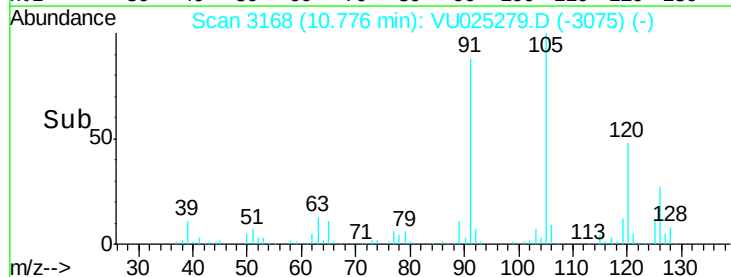
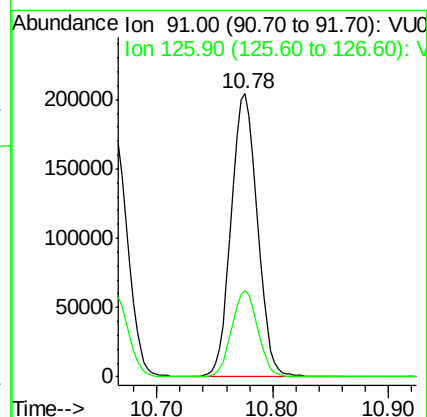
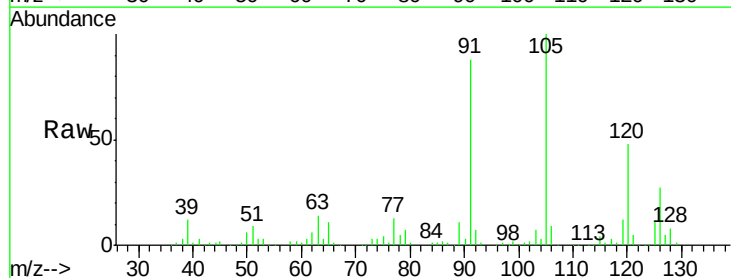
Instrument :
MSVOA_U
ClientSampleId :
VICVVU070918

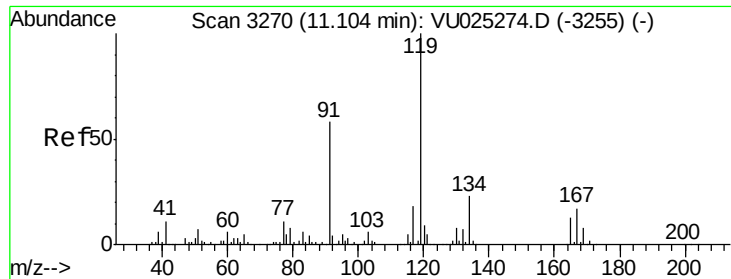
Tgt Ion: 75 Resp: 154583
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 37.942 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Tgt Ion: 91 Resp: 316952
Ion Ratio Lower Upper
91 100
126 30.4 15.3 45.9

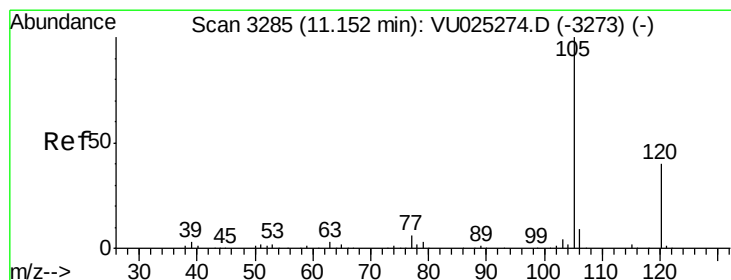
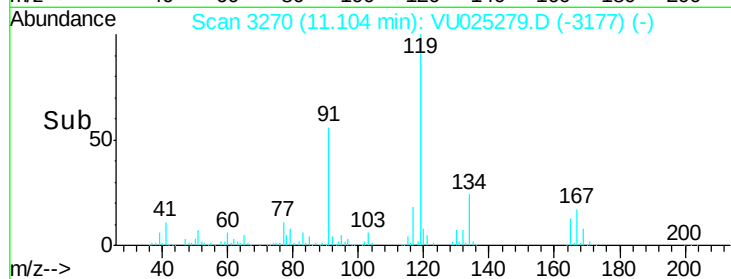
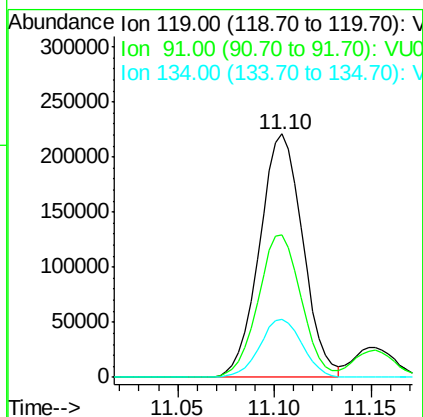
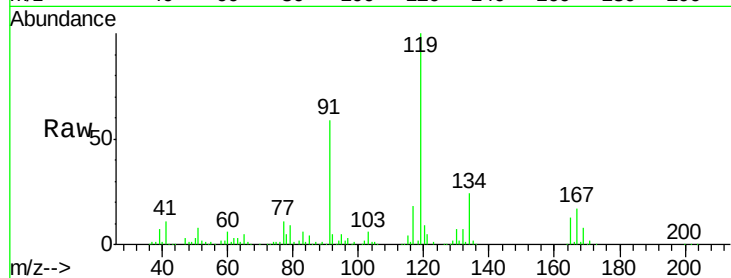




#83
 tert-Butylbenzene
 Concen: 37.934 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

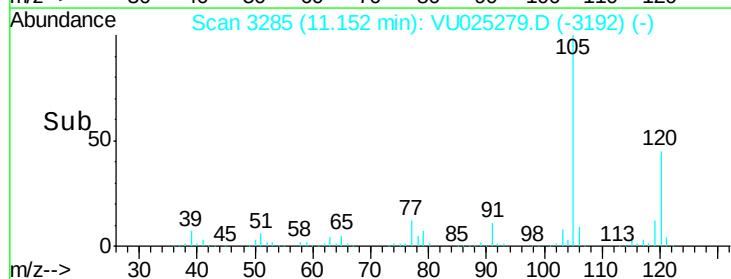
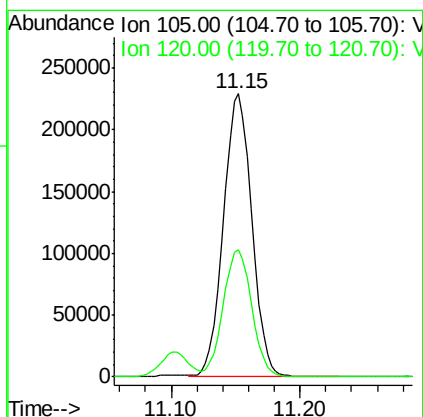
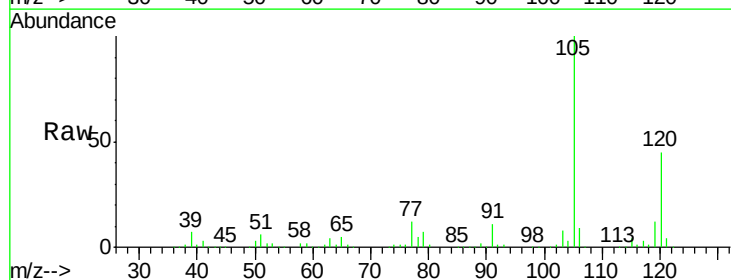
Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

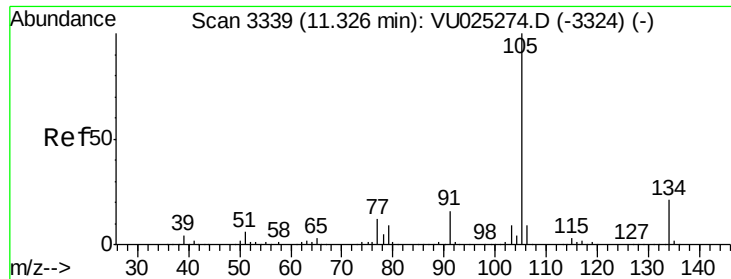
Tgt Ion:119 Resp: 342919
 Ion Ratio Lower Upper
 119 100
 91 58.2 29.7 89.1
 134 23.4 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 38.137 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Tgt Ion:105 Resp: 349655
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 38.935 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

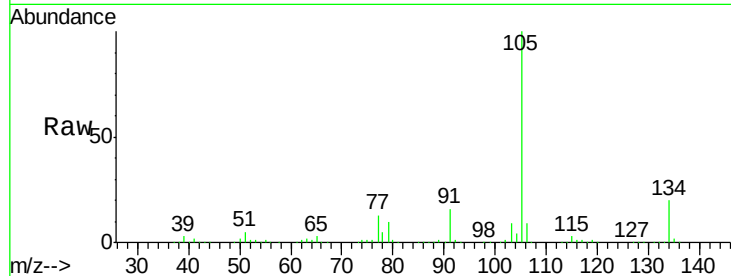
VICVVU070918

Tgt Ion:105 Resp: 414432

Ion Ratio Lower Upper

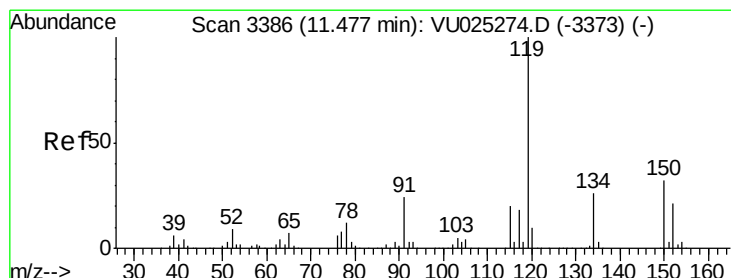
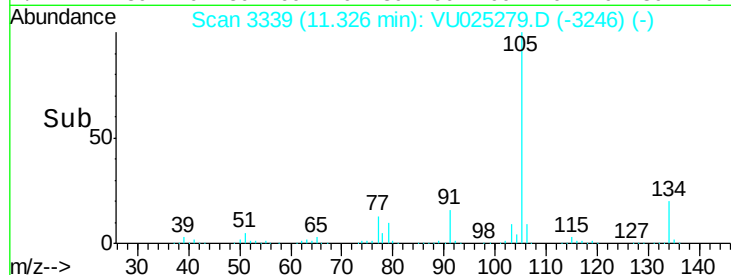
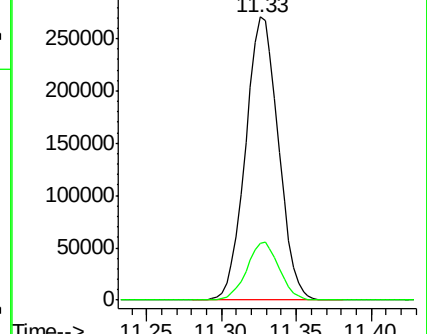
105 100

134 20.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 38.874 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

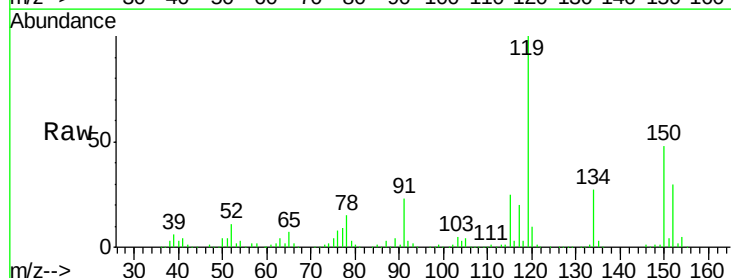
Tgt Ion:119 Resp: 366383

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

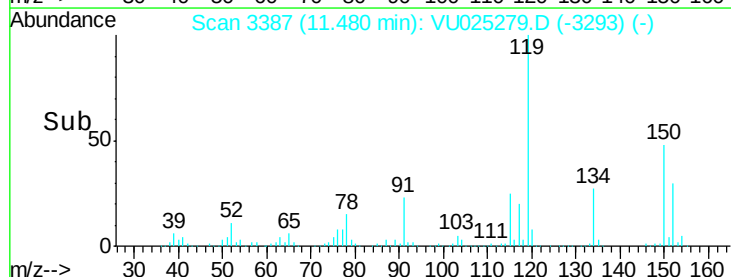
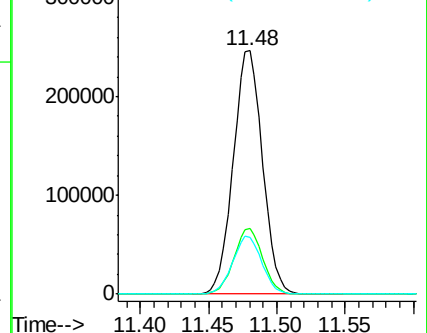
91 23.7 12.0 36.1

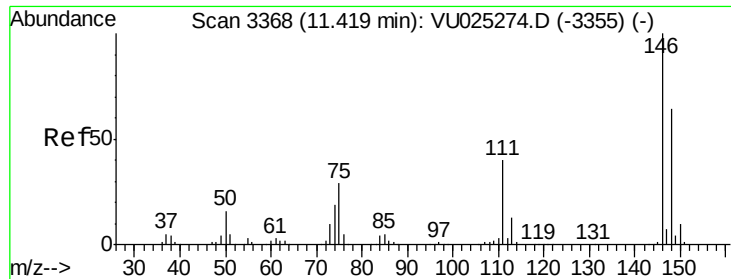


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

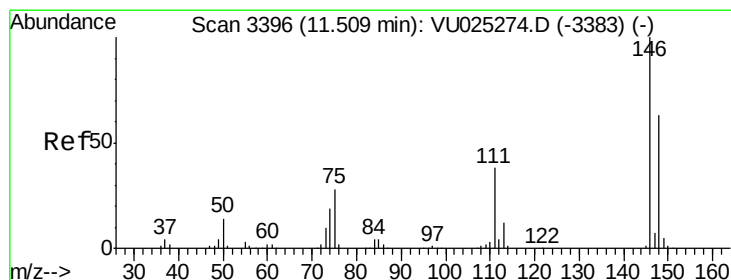
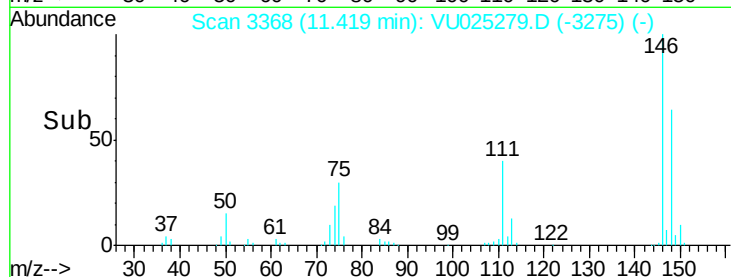
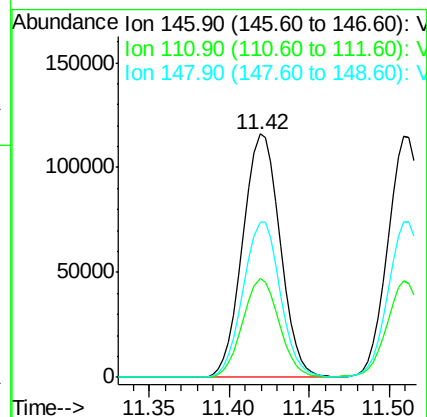
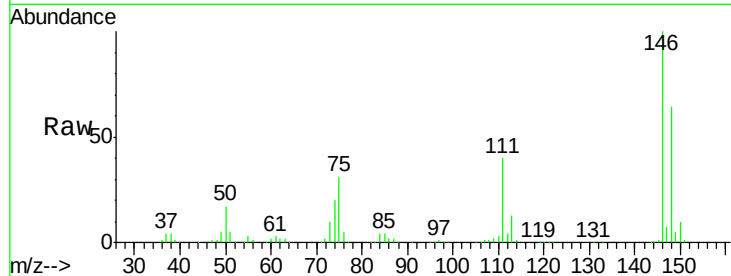




#87
 1,3-Dichlorobenzene
 Concen: 37.190 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

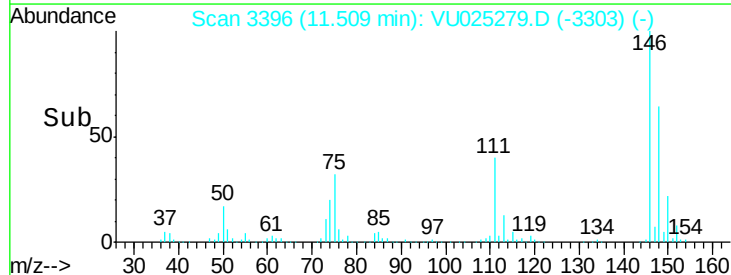
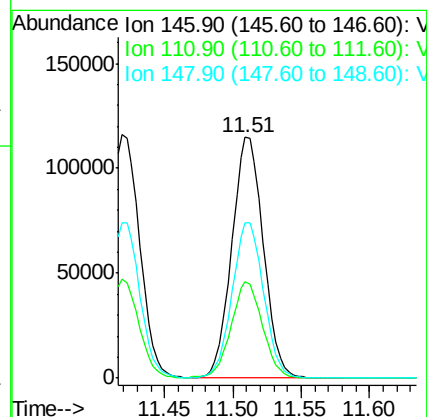
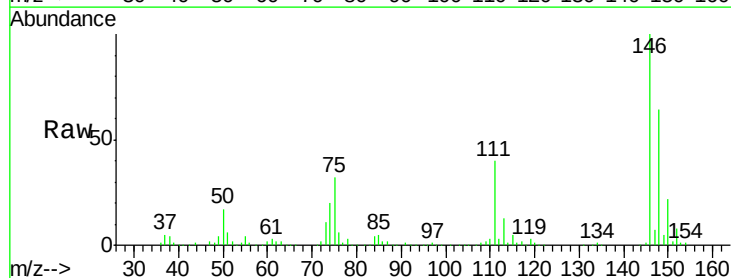
Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

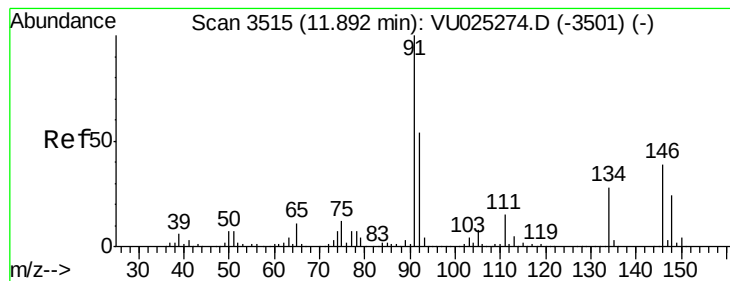
Tgt Ion:146 Resp: 184860
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.1
 148 63.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 38.464 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Tgt Ion:146 Resp: 185035
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.4 58.1
 148 64.5 31.7 95.1





#89

n-Butylbenzene

Concen: 38.276 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU025279.D

Acq: 09 Jul 2018 17:28

Instrument :

MSVOA_U

ClientSampleId :

VICVVU070918

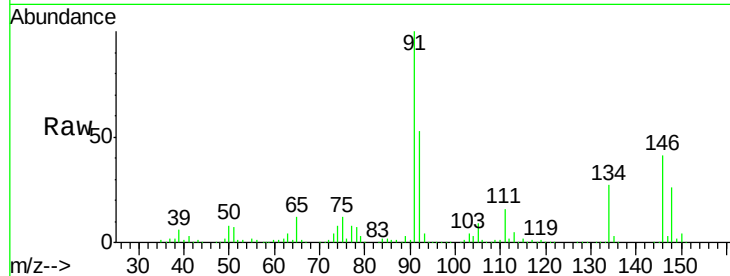
Tgt Ion: 91 Resp: 296545

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.5

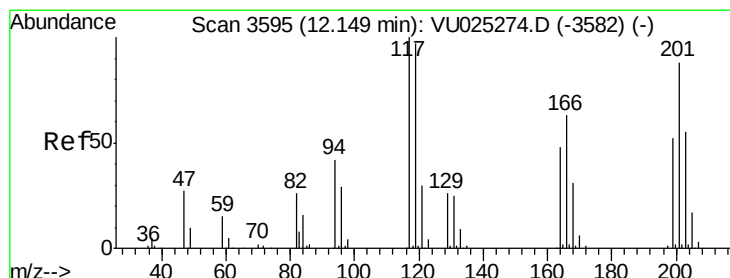
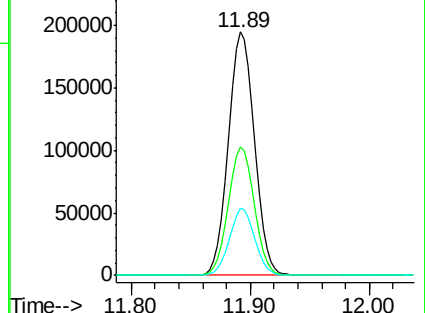
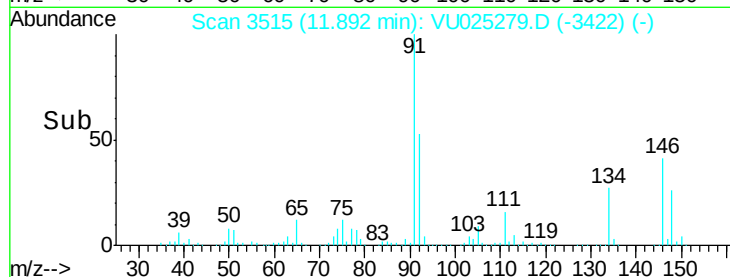
134 26.6 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VU025279.D (-3422) (-)

Ion 92.00 (91.70 to 92.70): VU025279.D (-3422) (-)

Ion 134.00 (133.70 to 134.70): VU025279.D (-3422) (-)



#90

Hexachloroethane

Concen: 38.795 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU025279.D

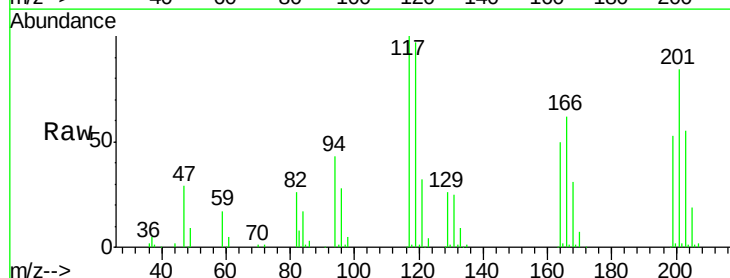
Acq: 09 Jul 2018 17:28

Tgt Ion: 117 Resp: 61912

Ion Ratio Lower Upper

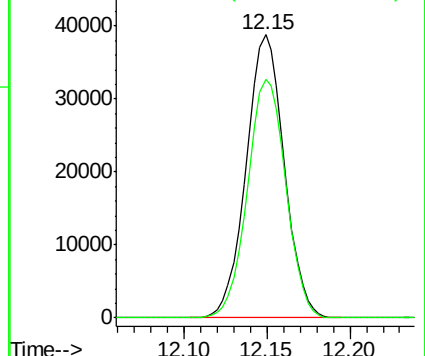
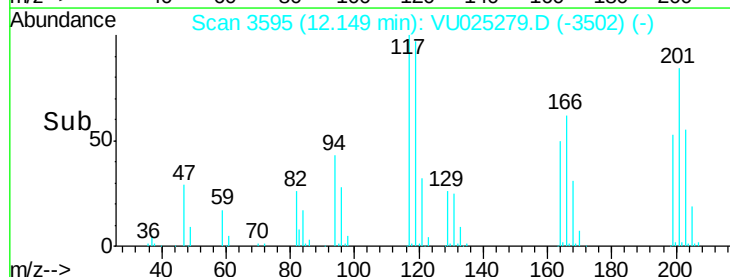
117 100

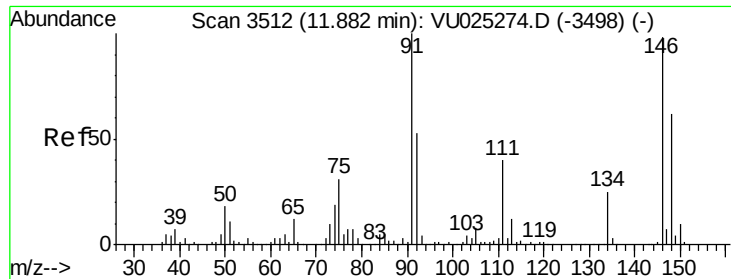
201 84.9 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VU025279.D (-3502) (-)

Ion 200.70 (200.40 to 201.40): VU025279.D (-3502) (-)

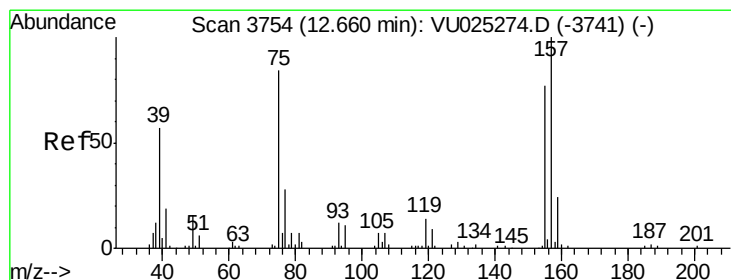
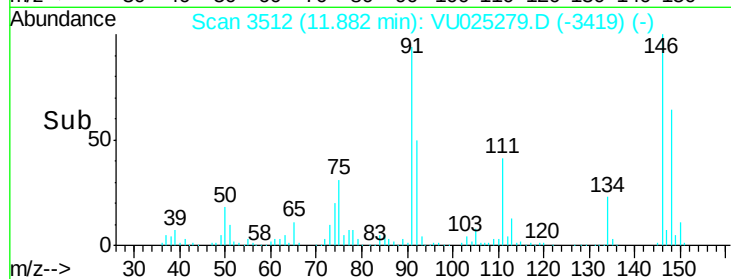
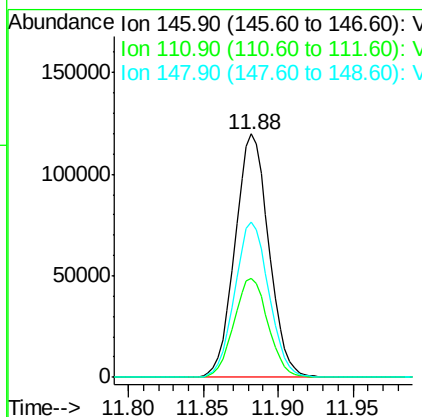
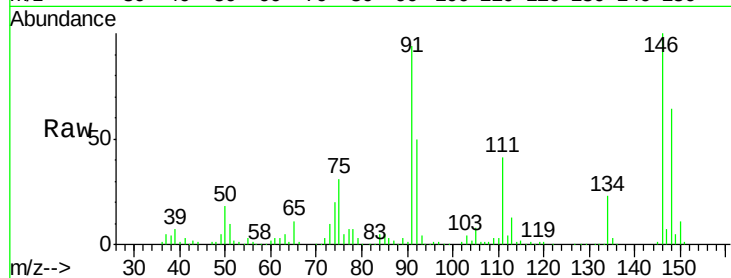




#91
 1,2-Dichlorobenzene
 Concen: 37.583 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

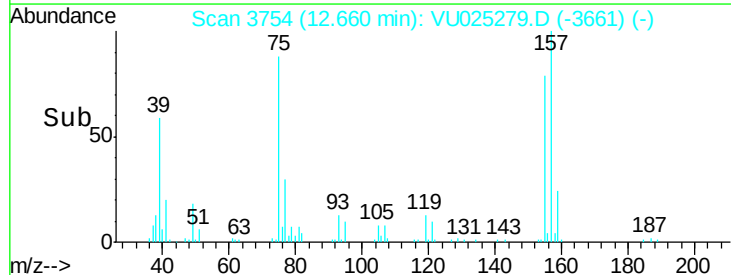
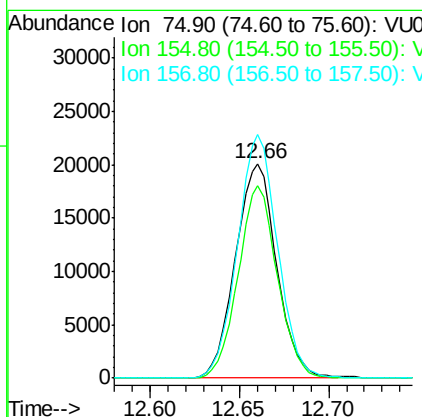
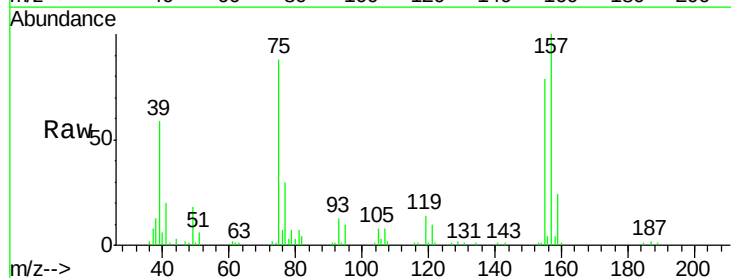
Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

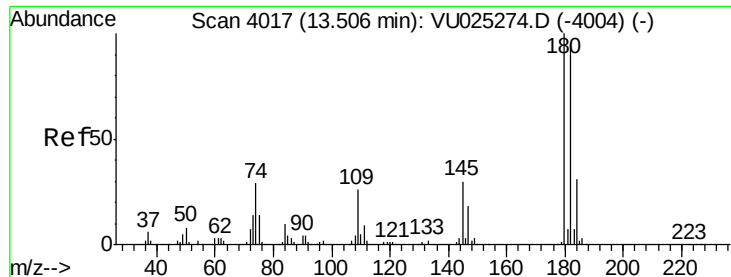
Tgt Ion: 146 Resp: 188671
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.8
 148 64.5 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.475 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Tgt Ion: 75 Resp: 32458
 Ion Ratio Lower Upper
 75 100
 155 85.0 44.5 133.3
 157 110.3 57.0 170.8

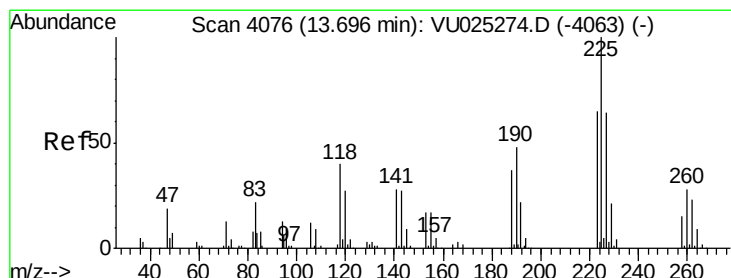
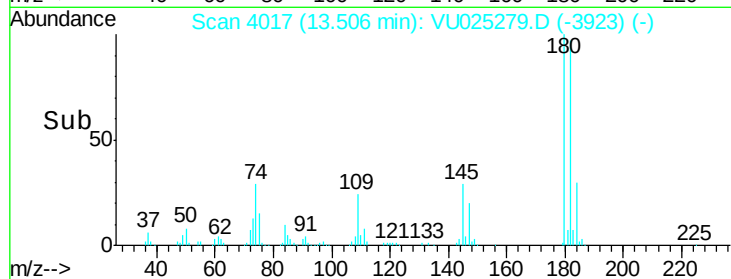
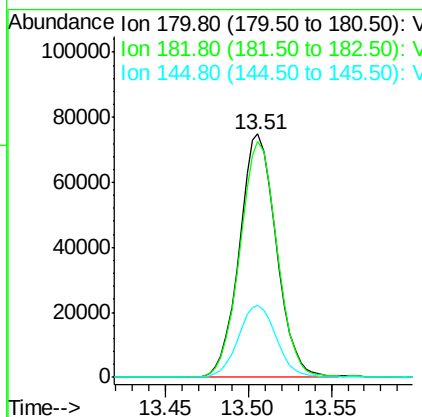
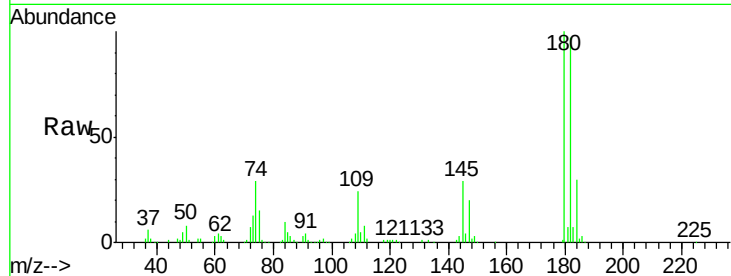




#93
 1,2,4-Trichlorobenzene
 Concen: 35.495 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

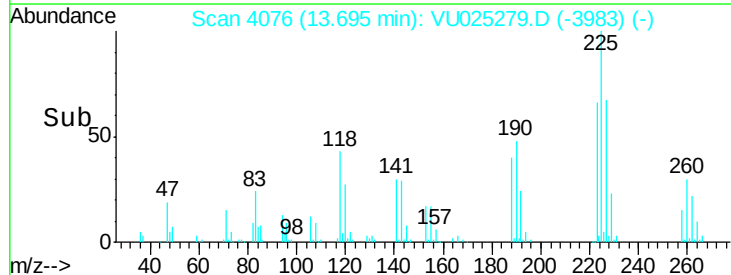
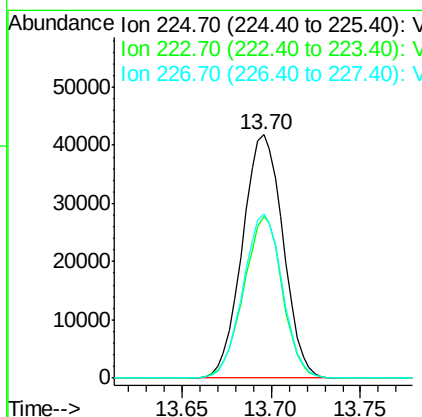
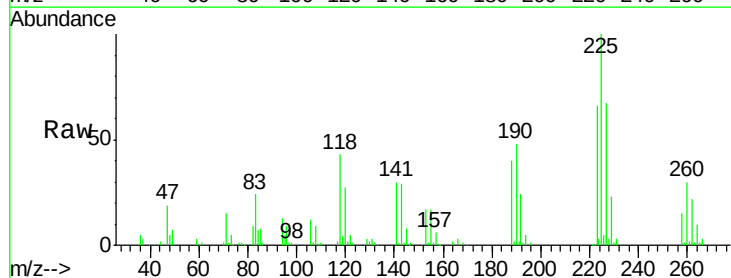
Instrument :
 MSVOA_U
 ClientSampleId :
 VICVVU070918

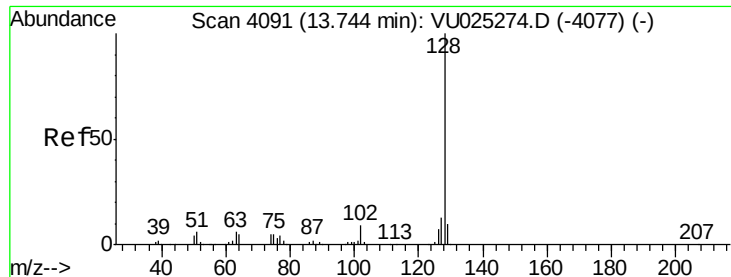
Tgt Ion:180 Resp: 115893
 Ion Ratio Lower Upper
 180 100
 182 97.4 47.3 141.9
 145 30.4 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 37.067 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025279.D
 Acq: 09 Jul 2018 17:28

Tgt Ion:225 Resp: 66551
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.9 95.7
 227 65.4 32.3 96.9

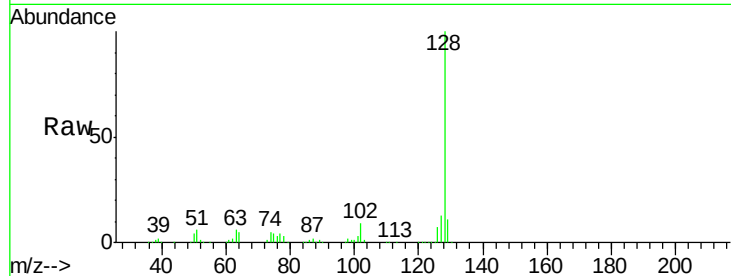




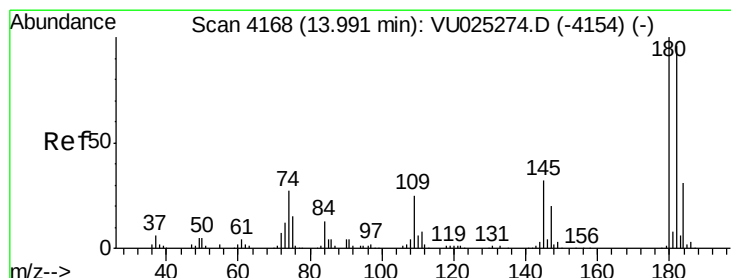
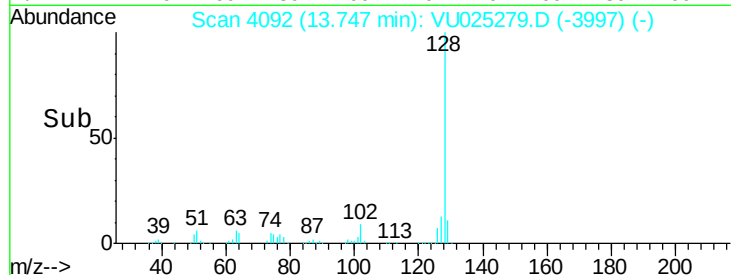
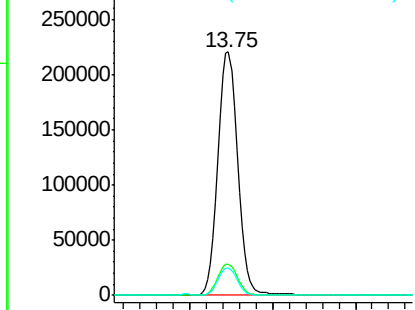
#95
Naphthalene
Concen: 36.612 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Instrument :
MSVOA_U
ClientSampleId :
VICVVU070918

Tgt Ion:128 Resp: 367106
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.3 12.5

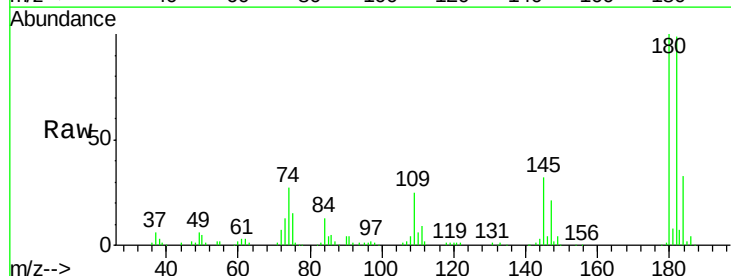


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 35.939 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025279.D
Acq: 09 Jul 2018 17:28

Tgt Ion:180 Resp: 120103
Ion Ratio Lower Upper
180 100
182 97.9 47.8 143.3
145 32.2 15.6 46.8



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

