

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
 Data File : VU024797.D
 Acq On : 21 Jun 2018 08:05
 Operator : MD/SY
 Sample : J3585-04MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Quant Time: Jun 21 08:54:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	171954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269396	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	258817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155210	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	125767	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
35) Dibromofluoromethane	4.89	113	100824	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
50) Toluene-d8	7.57	98	362528	44.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.90%	
62) 4-Bromofluorobenzene	10.31	95	144277	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	95747	44.485	ug/l	98
3) Chloromethane	1.33	50	97960	44.549	ug/l	100
4) Vinyl Chloride	1.40	62	103754	45.753	ug/l	98
5) Bromomethane	1.62	94	63857	58.251	ug/l	98
6) Chloroethane	1.70	64	67205	53.101	ug/l	98
7) Trichlorofluoromethane	1.89	101	164142	47.430	ug/l	98
8) Diethyl Ether	2.10	74	62038	52.780	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	90402	42.106	ug/l	95
10) Methyl Iodide	2.41	142	88922	49.051	ug/l	98
11) Tert butyl alcohol	2.82	59	139408	204.191	ug/l	99
12) 1,1-Dichloroethene	2.29	96	88906	45.408	ug/l	91
13) Acrolein	2.19	56	70225	195.874	ug/l	97
14) Allyl chloride	2.60	41	142336	39.153	ug/l	98
15) Acrylonitrile	2.93	53	299607	225.551	ug/l	98
16) Acetone	2.32	43	271440	179.964	ug/l	99
17) Carbon Disulfide	2.48	76	256774	40.957	ug/l	99
18) Methyl Acetate	2.61	43	139266	43.070	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	340639	46.283	ug/l	98
20) Methylene Chloride	2.70	84	103426	43.702	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	97478	45.202	ug/l	96
22) Diisopropyl ether	3.57	45	340866	47.299	ug/l	96
23) Vinyl Acetate	3.53	43	1323956	205.085	ug/l	99
24) 1,1-Dichloroethane	3.45	63	191813	46.267	ug/l	99
25) 2-Butanone	4.26	43	441649	217.992	ug/l	96
26) 2,2-Dichloropropane	4.23	77	114435	29.069	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	115885	46.742	ug/l	94
28) Bromochloromethane	4.55	49	84385	46.211	ug/l	84
29) Tetrahydrofuran	4.63	42	283325	225.824	ug/l	95
30) Chloroform	4.68	83	204614	48.762	ug/l	99
31) Cyclohexane	5.00	56	173405	46.982	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	180101	46.414	ug/l	97
36) 1,1-Dichloropropene	5.14	75	142973	45.164	ug/l	97
37) Ethyl Acetate	4.38	43	153832	44.585	ug/l	98
38) Carbon Tetrachloride	5.14	117	164117	47.145	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	174072	44.064	ug/l	93
40) Benzene	5.39	78	425449	47.166	ug/l	99
41) Methacrylonitrile	4.54	41	94815	50.968	ug/l	99
42) 1,2-Dichloroethane	5.41	62	168813	49.138	ug/l	100
43) Isopropyl Acetate	5.55	43	255169	42.785	ug/l	98
44) Trichloroethene	6.19	130	116510	45.385	ug/l	99
45) 1,2-Dichloropropane	6.44	63	116404	48.364	ug/l	99
46) Dibromomethane	6.56	93	83026	49.111	ug/l	95
47) Bromodichloromethane	6.76	83	161246	47.898	ug/l	98
48) Methyl methacrylate	6.62	41	136103	46.866	ug/l	97
49) 1,4-Dioxane	6.61	88	61949	1090.779	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	886743	236.662	ug/l	98
52) Toluene	7.64	92	271003	46.698	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	164640	43.550	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	172446	42.808	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	114241	48.428	ug/l	99
56) Ethyl methacrylate	8.02	69	187173	47.406	ug/l	98
57) 1,3-Dichloropropane	8.25	76	194259	48.816	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	420	0.278	ug/l #	50
59) 2-Hexanone	8.36	43	702717	229.723	ug/l	100
60) Dibromochloromethane	8.48	129	134389	45.685	ug/l	99
61) 1,2-Dibromoethane	8.59	107	125823	47.921	ug/l	98
64) Tetrachloroethene	8.23	164	102861	41.811	ug/l	99
65) Chlorobenzene	9.12	112	314676	47.593	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	120057	47.794	ug/l	98
67) Ethyl Benzene	9.25	91	542100	46.769	ug/l	96
68) m/p-Xylenes	9.38	106	421960	94.802	ug/l	96
69) o-Xylene	9.78	106	211074	47.917	ug/l	96
70) Styrene	9.80	104	344265	47.558	ug/l	99
71) Bromoform	9.96	173	107840	45.167	ug/l #	99
73) Isopropylbenzene	10.17	105	567047	47.586	ug/l	99
74) N-amyl acetate	10.01	43	230855	40.729	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	195623	48.989	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	213876	62.589	ug/l	84
77) Bromobenzene	10.45	156	145968	48.385	ug/l	95
78) n-propylbenzene	10.59	91	638994	45.521	ug/l	97
79) 2-Chlorotoluene	10.66	91	387088	46.761	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	490096	47.451	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	213876	144.857	ug/l #	100
82) 4-Chlorotoluene	10.78	91	444898	46.176	ug/l	99
83) tert-Butylbenzene	11.10	119	489917	49.311	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	499743	47.479	ug/l	100
85) sec-Butylbenzene	11.33	105	579990	46.637	ug/l	97
86) p-Isopropyltoluene	11.48	119	519704	46.660	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	264244	47.410	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	269121	47.973	ug/l	99
89) n-Butylbenzene	11.89	91	429353	43.419	ug/l	97
90) Hexachloroethane	12.15	117	93906	43.219	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	273431	48.979	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	52571	47.712	ug/l	97

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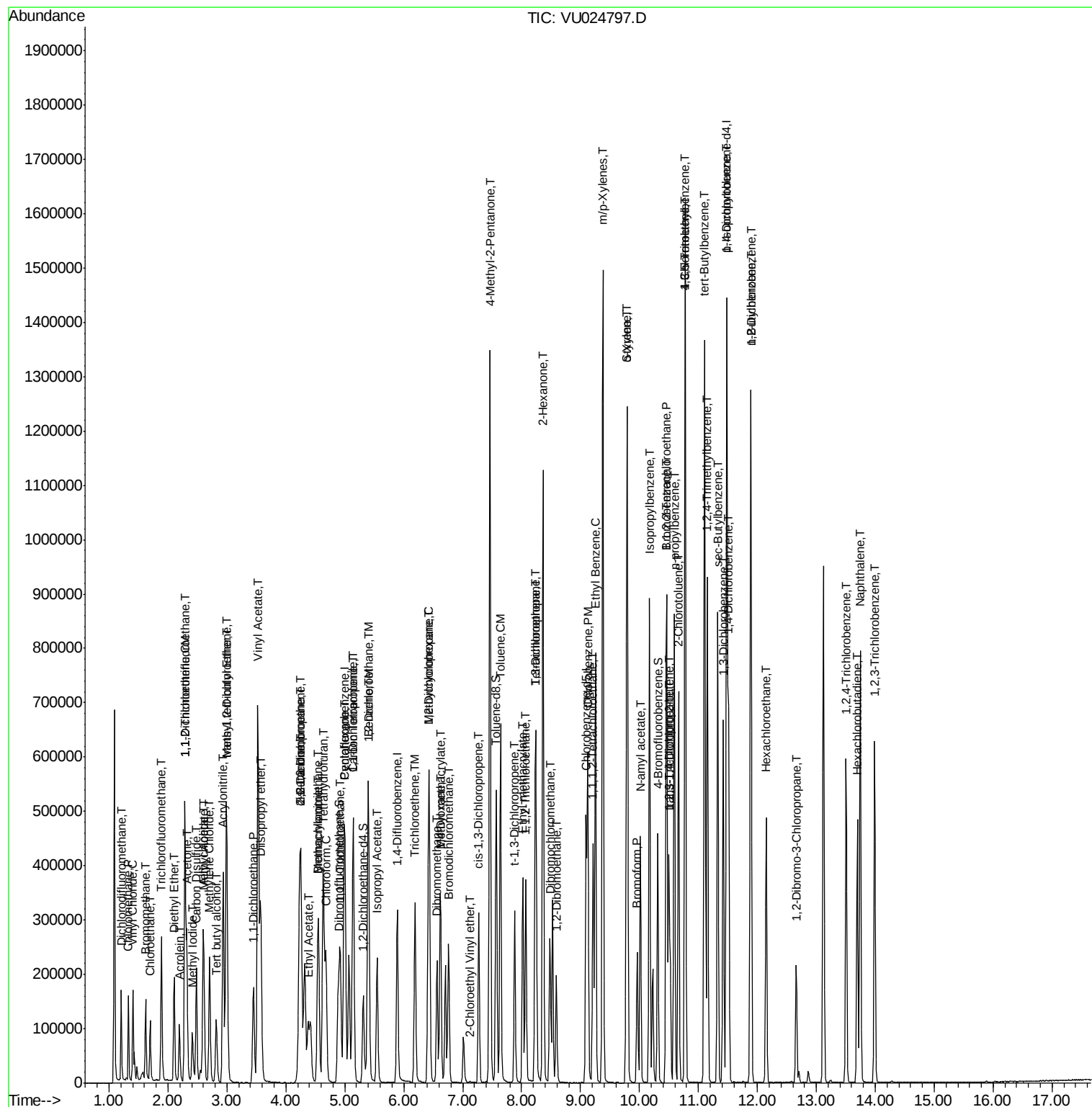
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	186036	53.964	ug/l	99
94) Hexachlorobutadiene	13.70	225	88285	45.499	ug/l	99
95) Naphthalene	13.74	128	616078	53.928	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	192135	55.933	ug/l	99

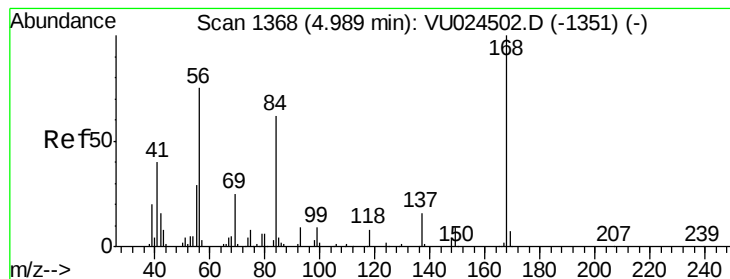
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
Data File : VU024797.D
Acq On : 21 Jun 2018 08:05
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QLast Update : Wed Jun 13 13:55:26 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

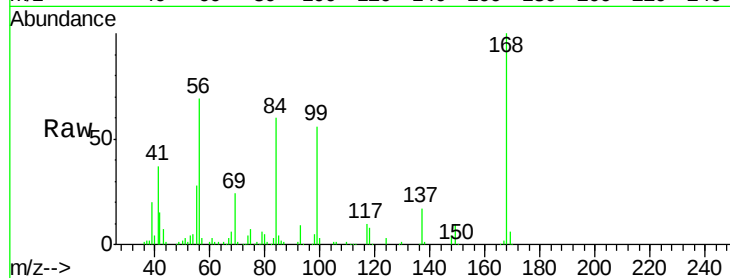
CKMW21MSD

Tgt Ion:168 Resp: 171954

Ion Ratio Lower Upper

168 100

99 55.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

80000

60000

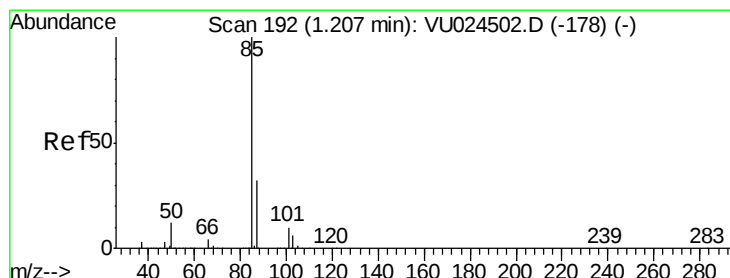
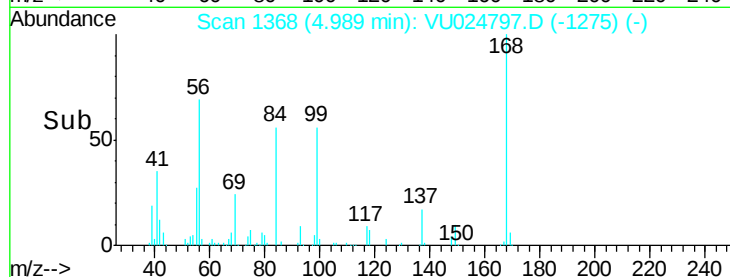
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.485 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024797.D

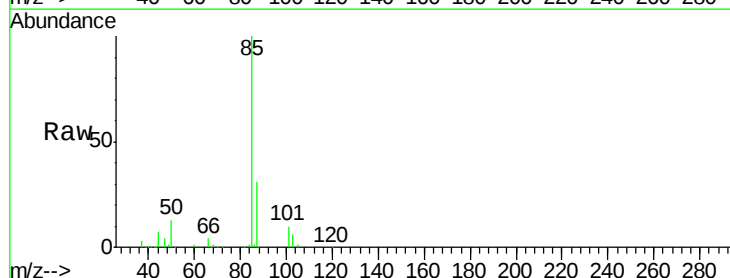
Acq: 21 Jun 2018 08:05

Tgt Ion: 85 Resp: 95747

Ion Ratio Lower Upper

85 100

87 31.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)

1.20

100000

80000

60000

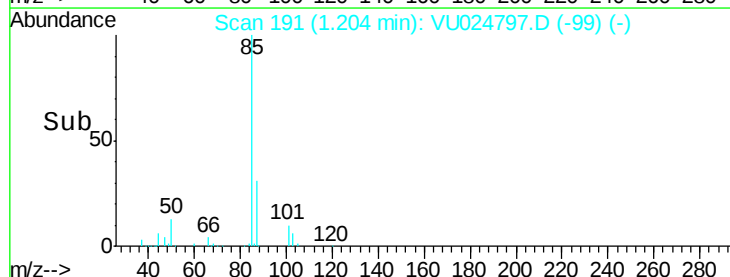
40000

20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.549 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

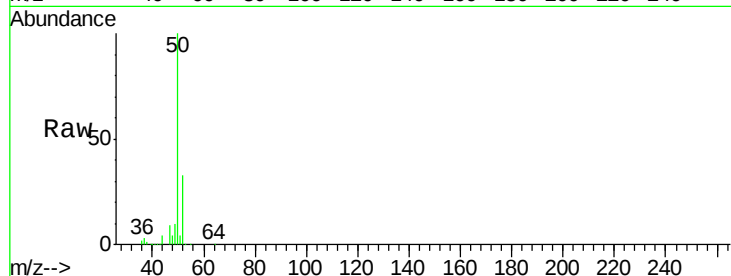
CKMW21MSD

Tgt Ion: 50 Resp: 97960

Ion Ratio Lower Upper

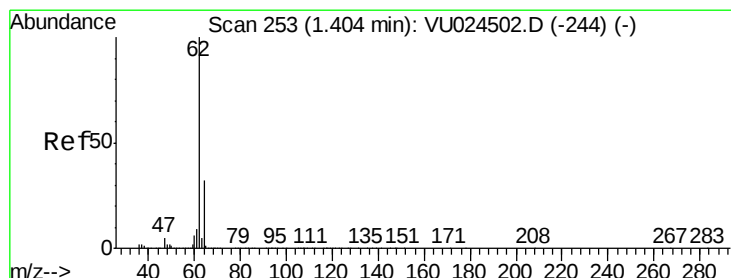
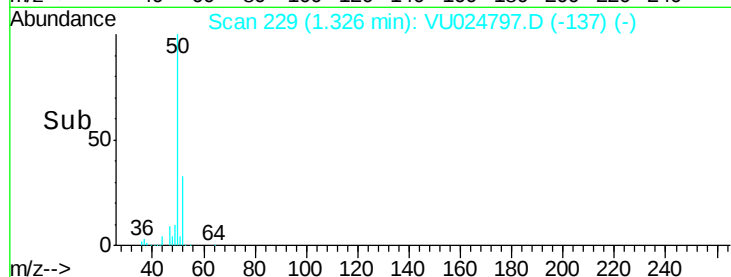
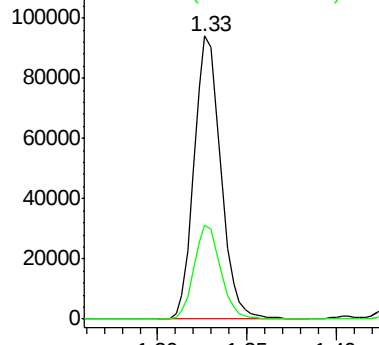
50 100

52 33.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 45.753 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024797.D

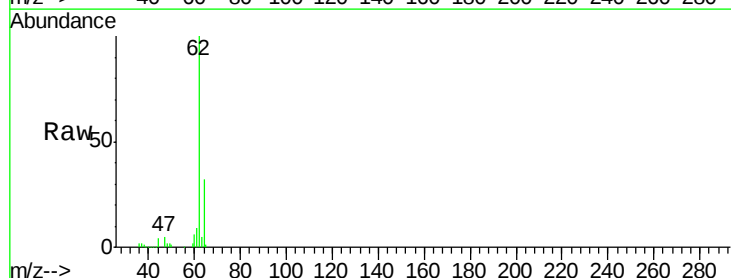
Acq: 21 Jun 2018 08:05

Tgt Ion: 62 Resp: 103754

Ion Ratio Lower Upper

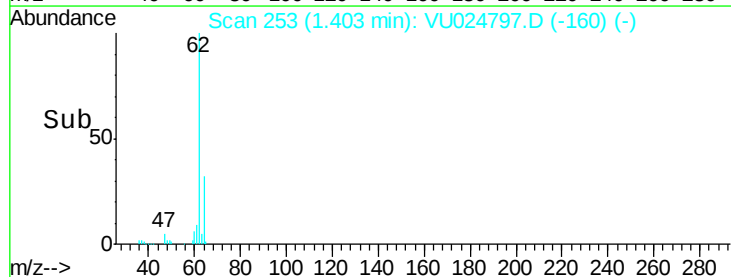
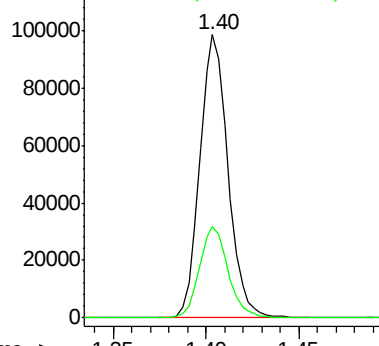
62 100

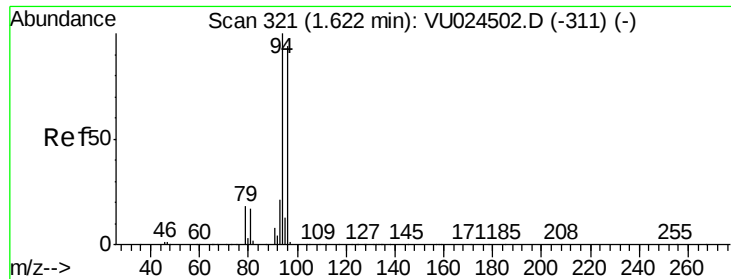
64 32.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 58.251 ug/l

RT: 1.62 min Scan# 321

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

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ClientSampleId :

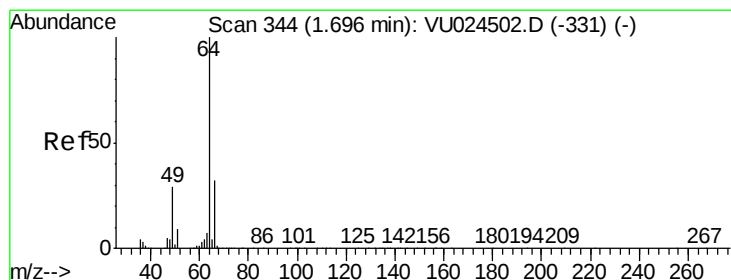
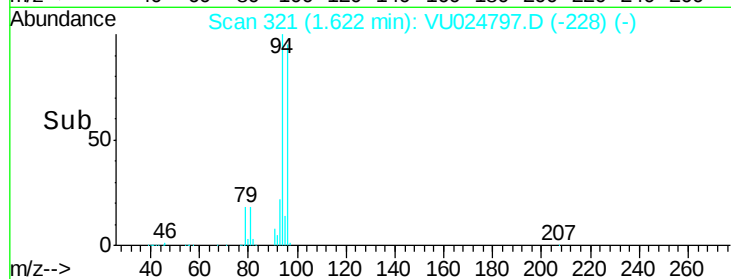
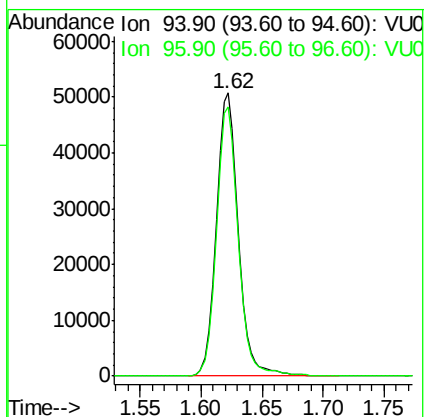
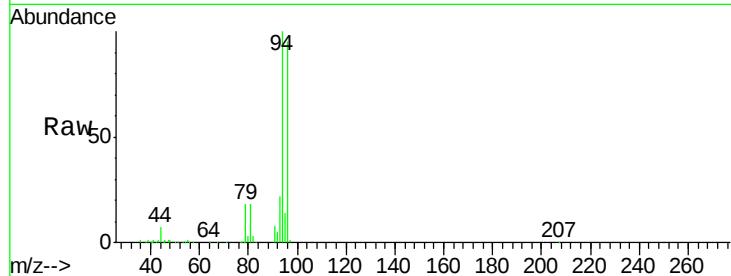
CKMW21MSD

Tgt Ion: 94 Resp: 63857

Ion Ratio Lower Upper

94 100

96 95.5 74.5 111.7



#6

Chloroethane

Concen: 53.101 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024797.D

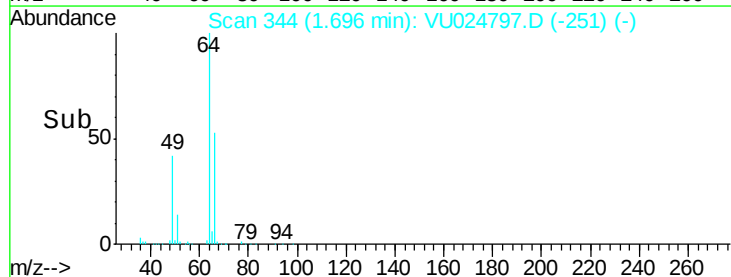
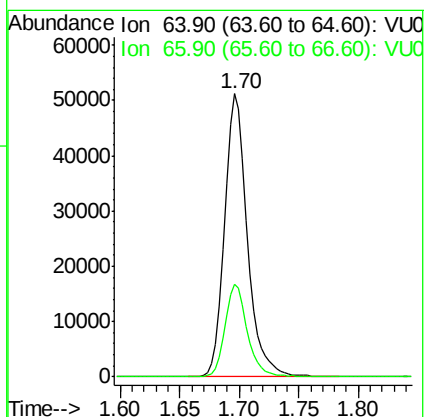
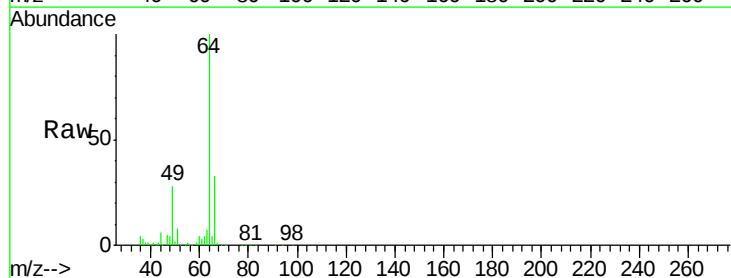
Acq: 21 Jun 2018 08:05

Tgt Ion: 64 Resp: 67205

Ion Ratio Lower Upper

64 100

66 33.0 25.5 38.3



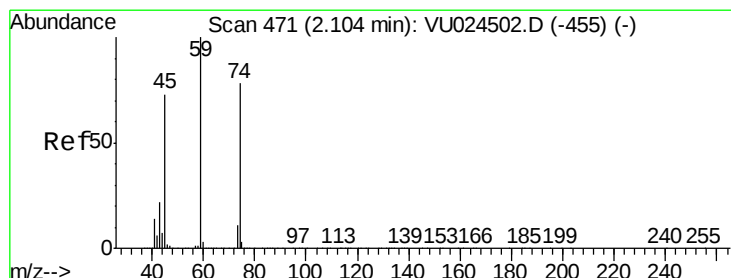
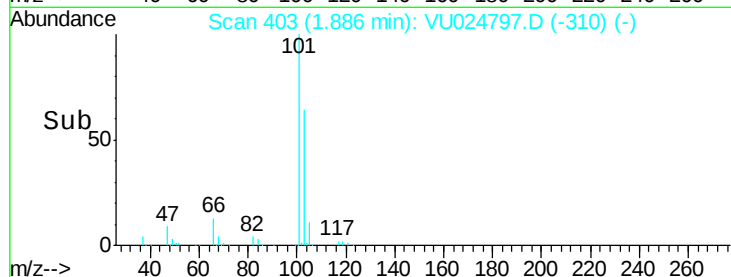
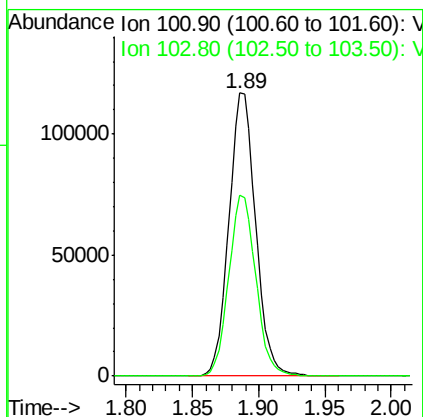
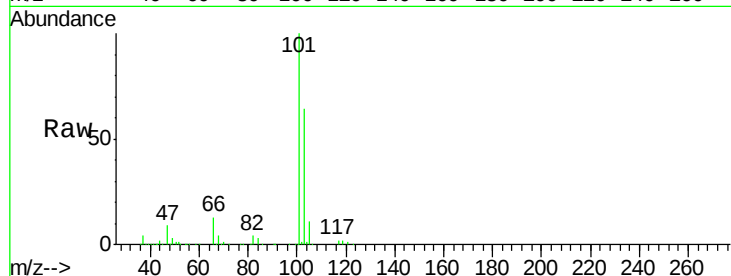


#7

Trichlorofluoromethane
Concen: 47.430 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
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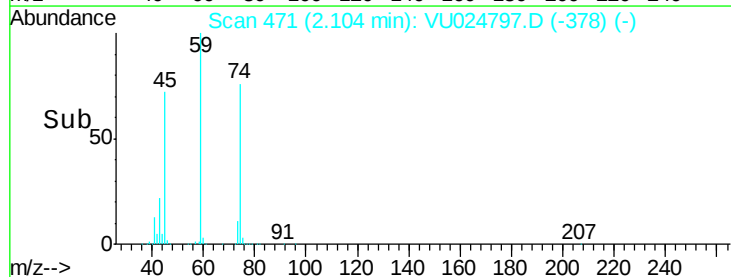
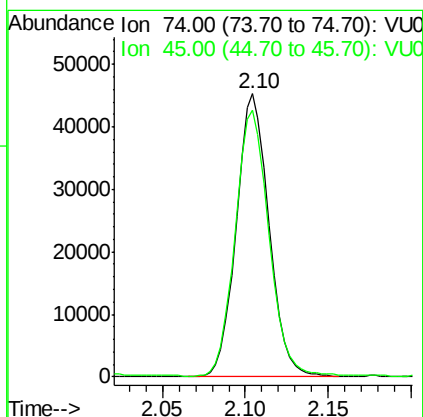
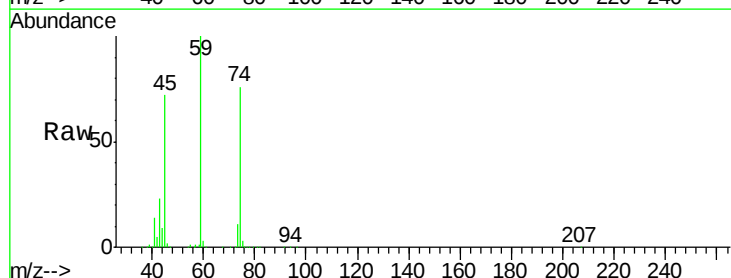
Tgt Ion:101 Resp: 164142
Ion Ratio Lower Upper
101 100
103 63.8 52.3 78.5



#8

Diethyl Ether
Concen: 52.780 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion: 74 Resp: 62038
Ion Ratio Lower Upper
74 100
45 97.2 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.106 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

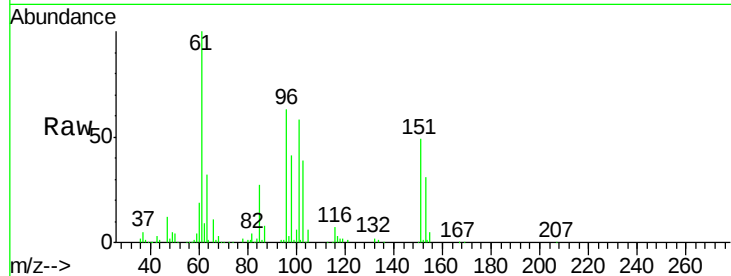
Tgt Ion:101 Resp: 90402

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

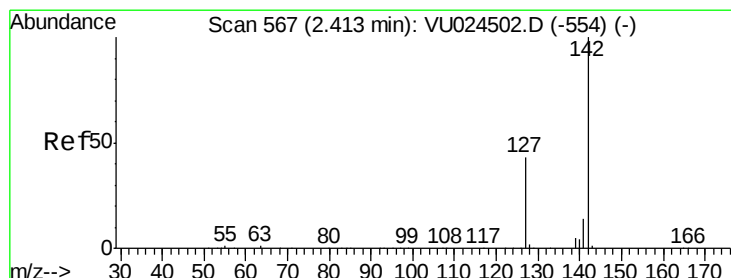
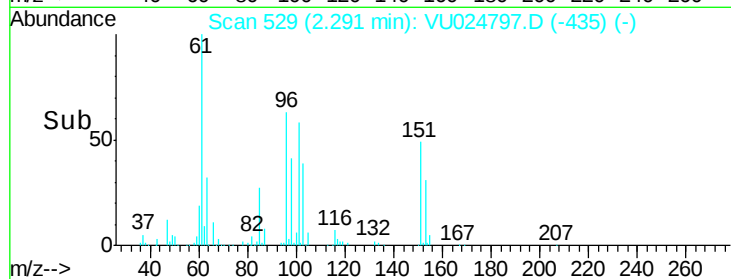
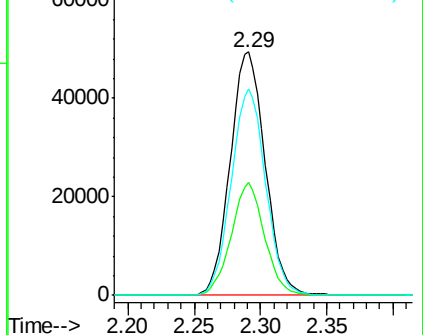
151 83.8 62.3 93.5



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: 49.051 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

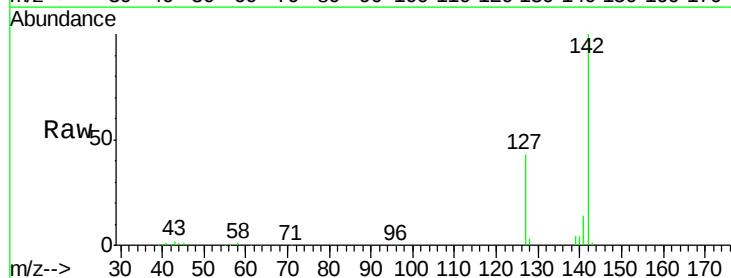
Tgt Ion:142 Resp: 88922

Ion Ratio Lower Upper

142 100

127 43.3 35.6 53.4

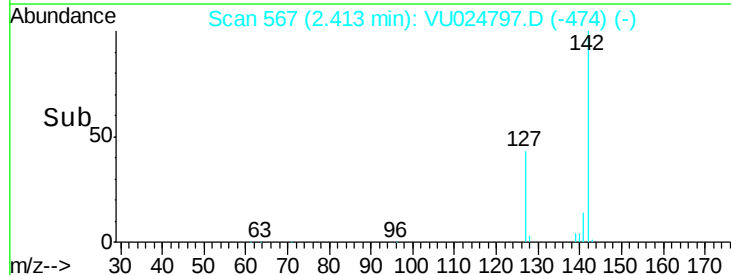
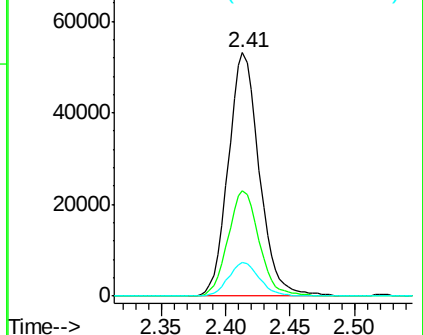
141 13.7 11.7 17.5



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



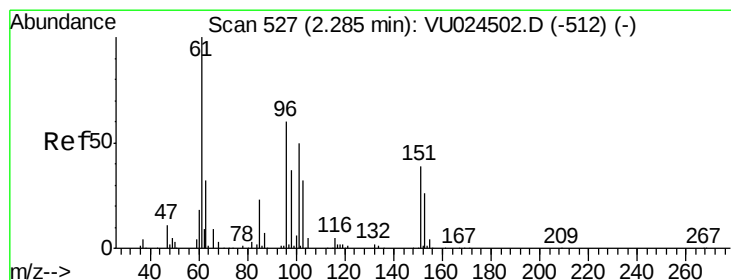
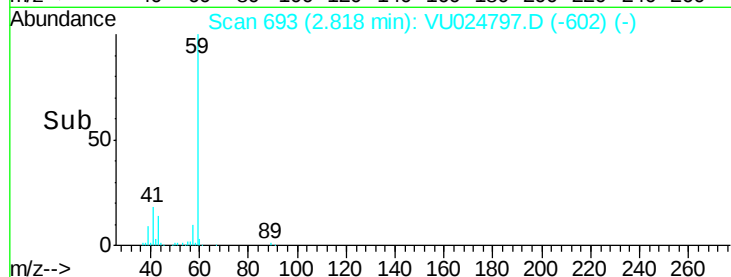
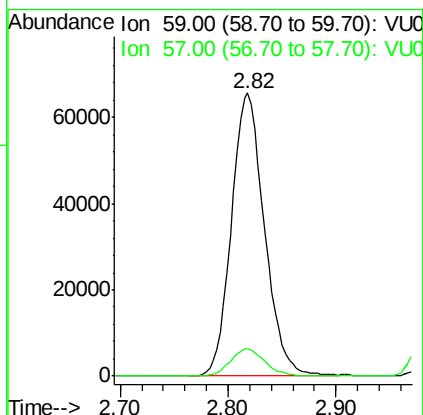
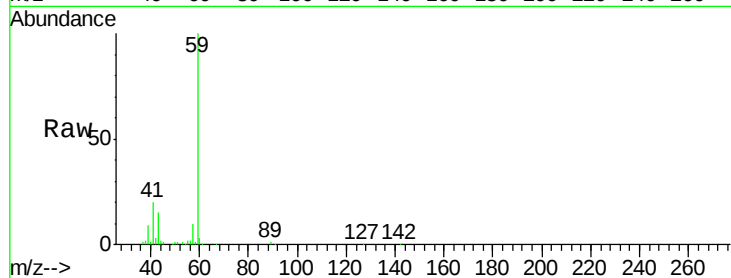


#11

Tert butyl alcohol
 Concen: 204.191 ug/l
 RT: 2.82 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

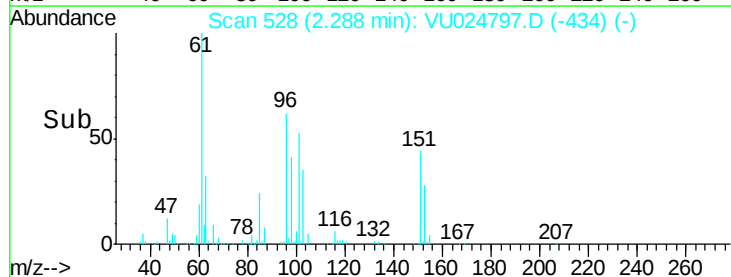
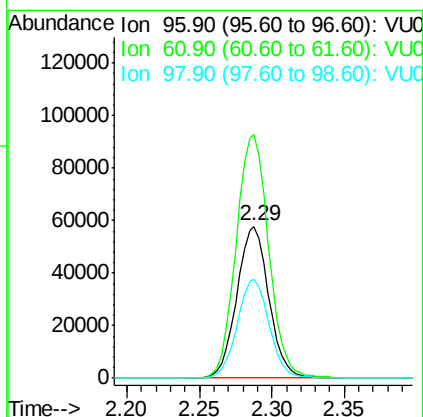
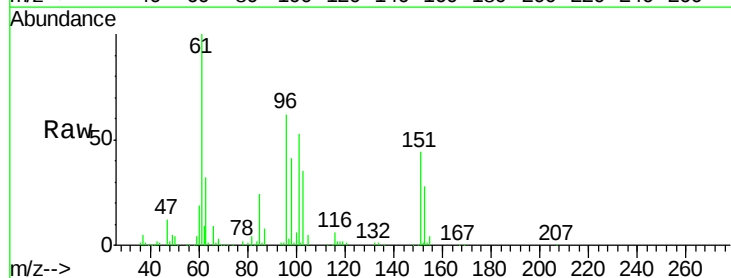
Tgt Ion: 59 Resp: 139408
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

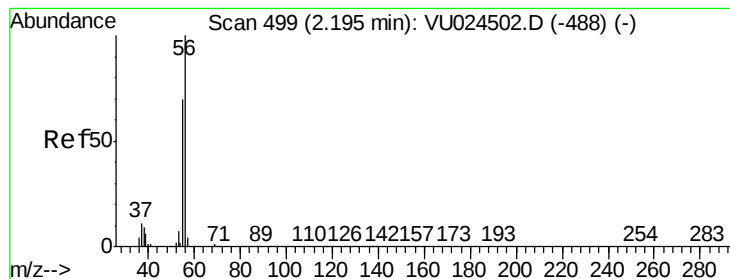


#12

1,1-Dichloroethene
 Concen: 45.408 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion: 96 Resp: 88906
 Ion Ratio Lower Upper
 96 100
 61 160.3 141.7 212.5
 98 65.4 51.6 77.4





#13

Acrolein

Concen: 195.874 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

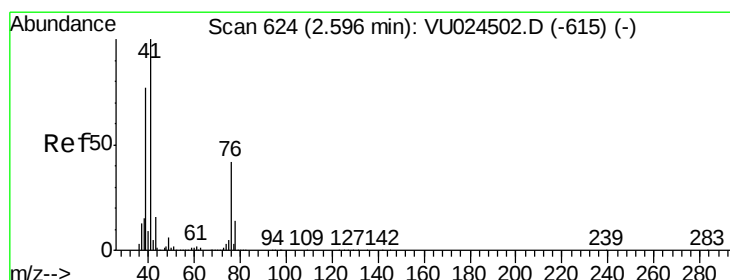
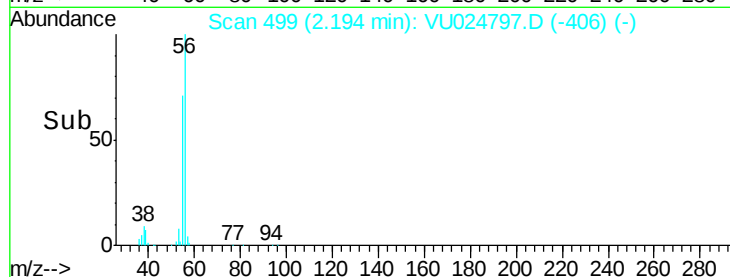
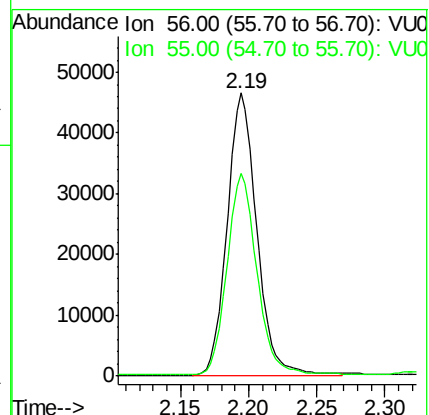
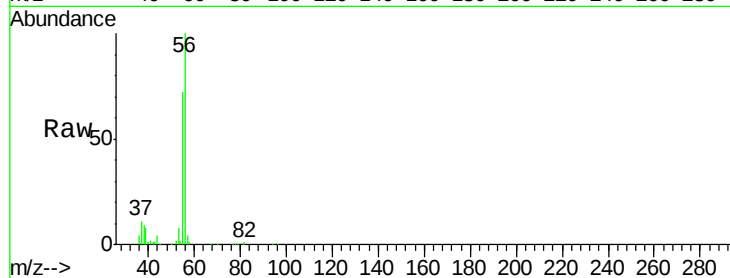
CKMW21MSD

Tgt Ion: 56 Resp: 70225

Ion Ratio Lower Upper

56 100

55 70.7 58.4 87.6



#14

Allyl chloride

Concen: 39.153 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

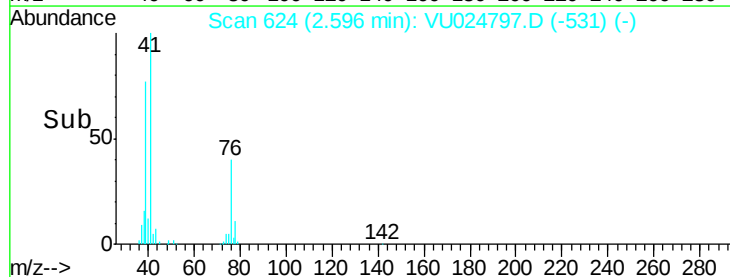
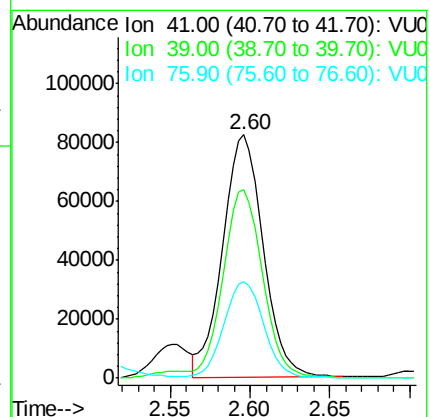
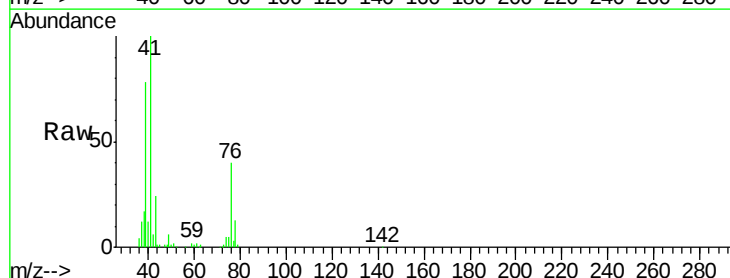
Tgt Ion: 41 Resp: 142336

Ion Ratio Lower Upper

41 100

39 75.7 61.6 92.4

76 39.8 29.7 44.5





#15

Acrylonitrile

Concen: 225.551 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

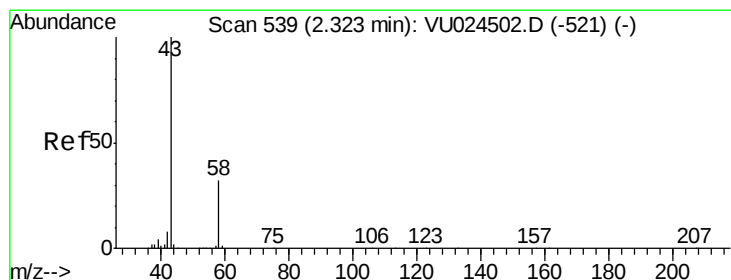
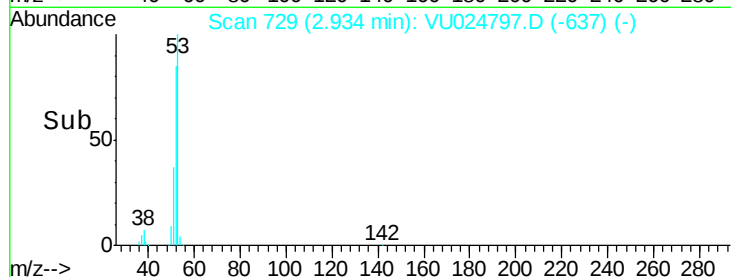
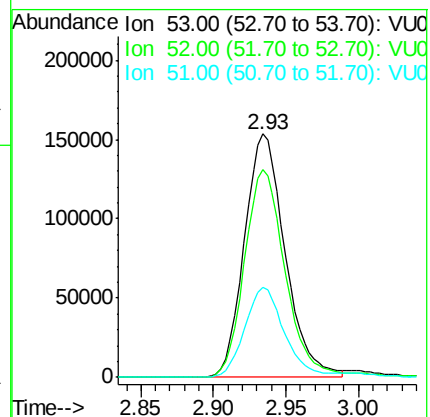
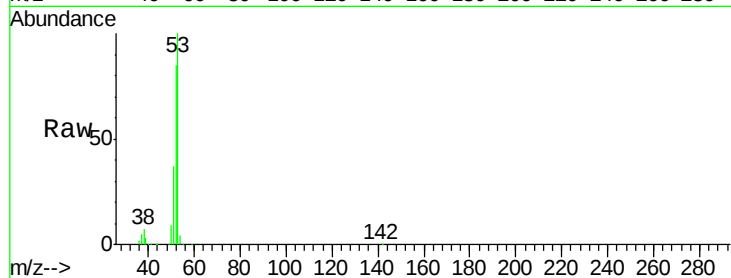
MSVOA_U

ClientSampleId :

CKMW21MSD

Tgt Ion: 53 Resp: 299607

Ion	Ratio	Lower	Upper
53	100		
52	85.1	67.1	100.7
51	37.7	28.4	42.6



#16

Acetone

Concen: 179.964 ug/l

RT: 2.32 min Scan# 538

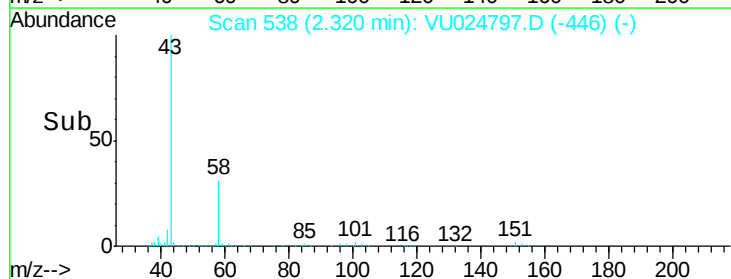
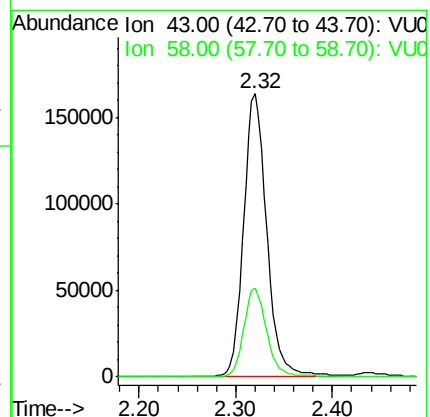
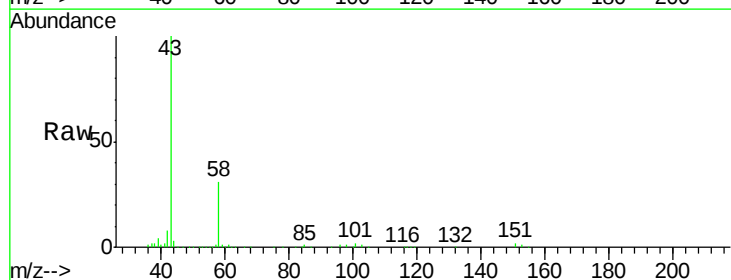
Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Tgt Ion: 43 Resp: 271440

Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.4	36.6





#17

Carbon Disulfide

Concen: 40.957 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

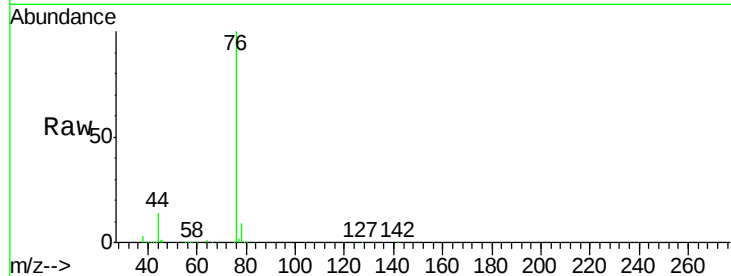
CKMW21MSD

Tgt Ion: 76 Resp: 256774

Ion Ratio Lower Upper

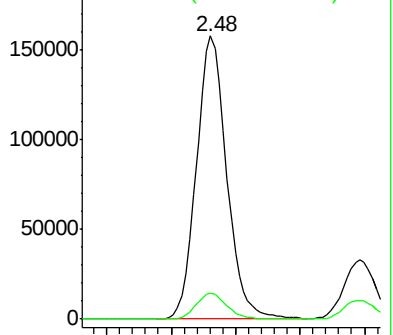
76 100

78 9.1 7.1 10.7

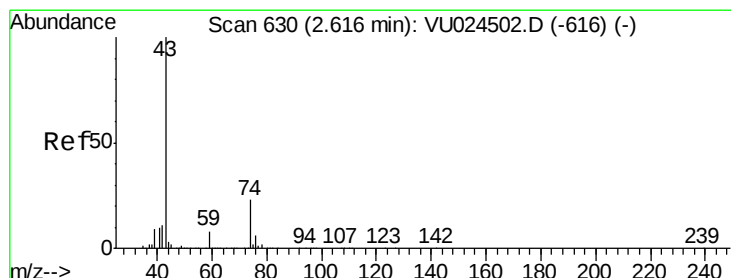
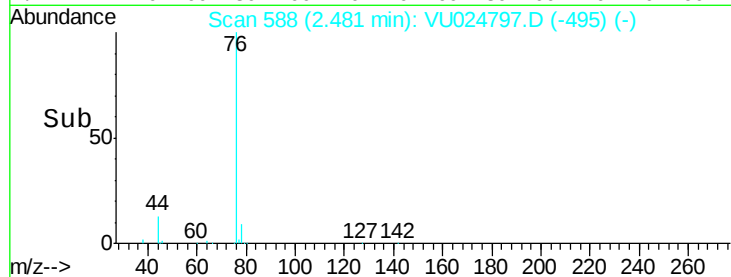


Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



Time-->



#18

Methyl Acetate

Concen: 43.070 ug/l

RT: 2.61 min Scan# 629

Delta R.T. -0.00 min

Lab File: VU024797.D

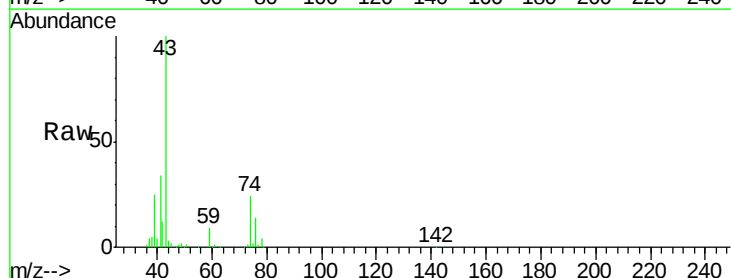
Acq: 21 Jun 2018 08:05

Tgt Ion: 43 Resp: 139266

Ion Ratio Lower Upper

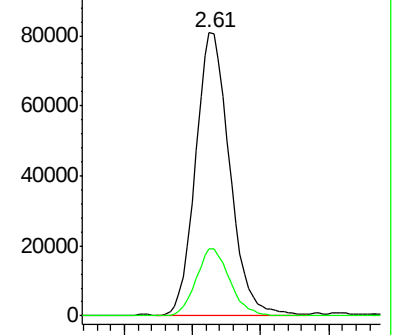
43 100

74 23.7 18.0 27.0

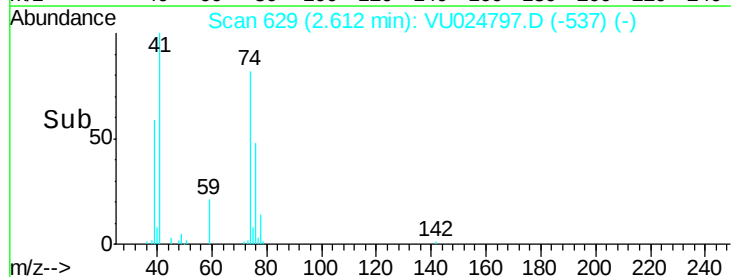


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



Time-->





#19

Methyl tert-butyl Ether

Concen: 46.283 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

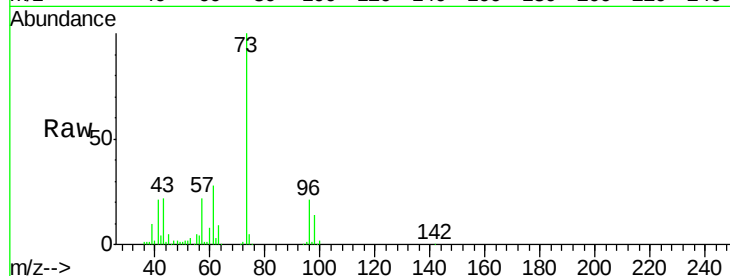
CKMW21MSD

Tgt Ion: 73 Resp: 340639

Ion Ratio Lower Upper

73 100

57 22.3 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU024797.D (-657) (-)

Ion 57.00 (56.70 to 57.70): VU024797.D (-657) (-)

3.00

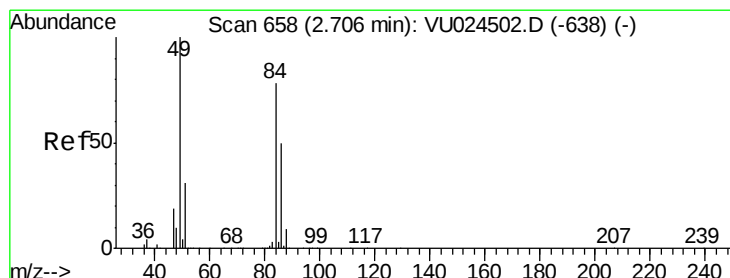
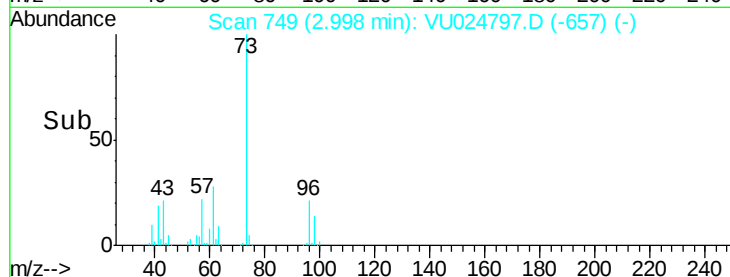
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 43.702 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Tgt Ion: 84 Resp: 103426

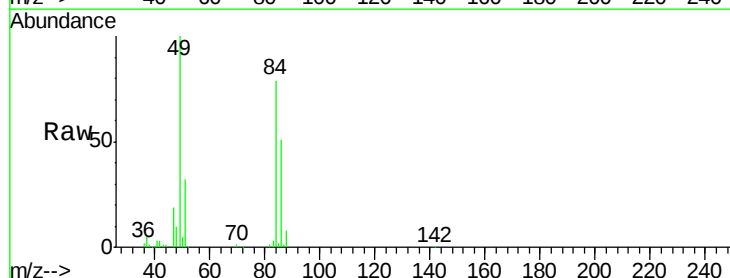
Ion Ratio Lower Upper

84 100

49 126.8 103.8 155.8

51 40.9 32.0 48.0

86 64.3 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU024797.D (-565) (-)

Ion 48.90 (48.60 to 49.60): VU024797.D (-565) (-)

Ion 50.90 (50.60 to 51.60): VU024797.D (-565) (-)

Ion 85.90 (85.60 to 86.60): VU024797.D (-565) (-)

100000

80000

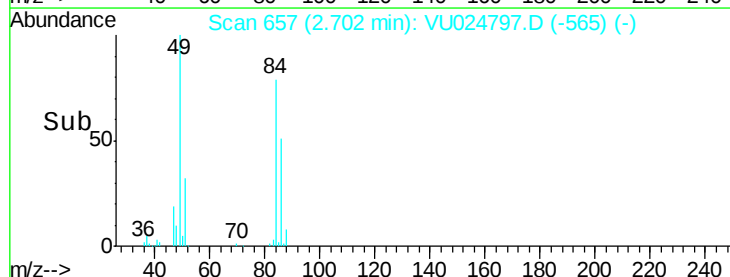
60000

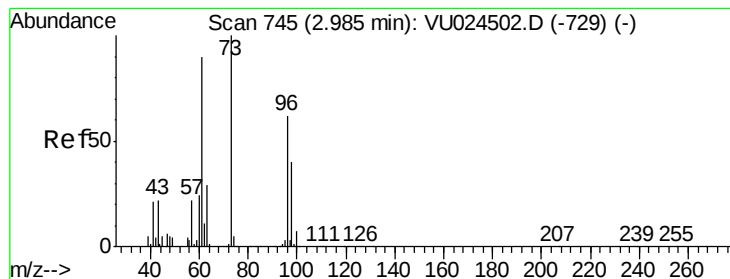
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 45.202 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

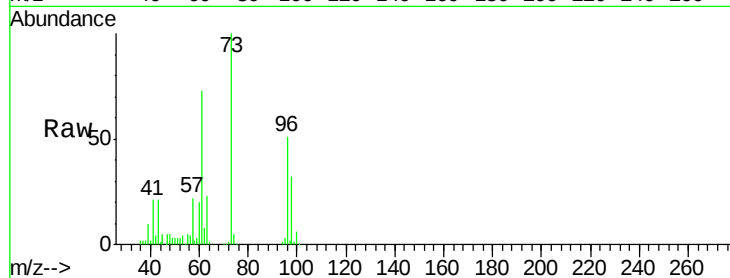
Tgt Ion: 96 Resp: 97478

Ion Ratio Lower Upper

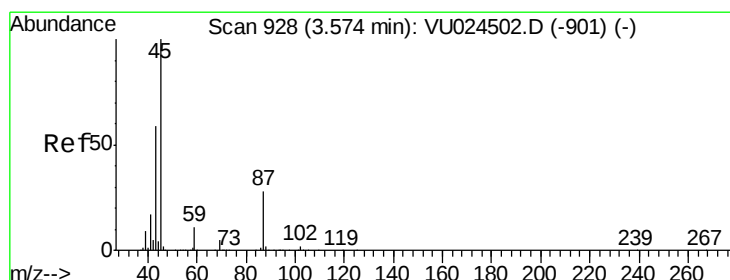
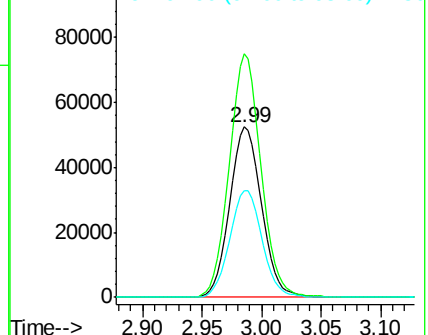
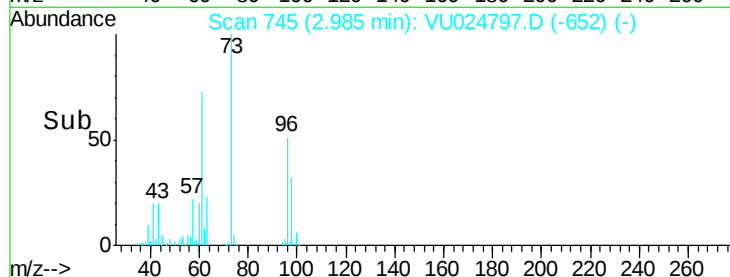
96 100

61 142.8 119.4 179.0

98 62.9 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024797.D (-652) (-)



#22

Diisopropyl ether

Concen: 47.299 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Tgt Ion: 45 Resp: 340866

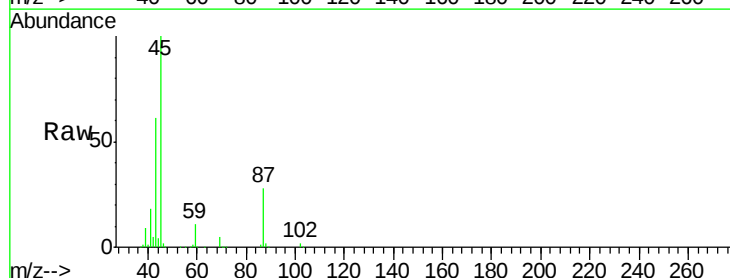
Ion Ratio Lower Upper

45 100

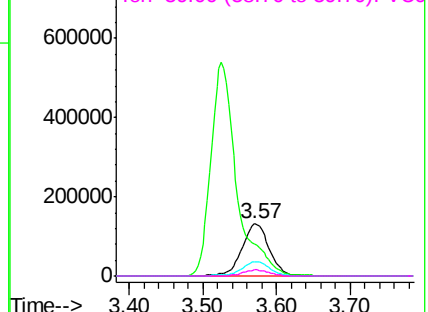
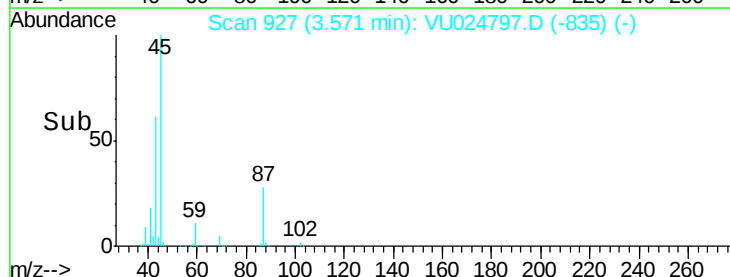
43 60.8 45.8 68.6

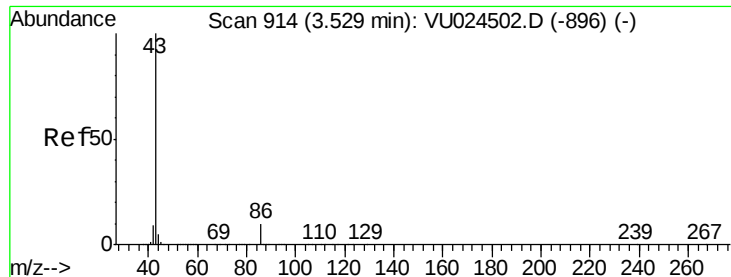
87 28.1 20.6 31.0

59 11.3 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VU024797.D (-835) (-)





#23

Vinyl Acetate

Concen: 205.085 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

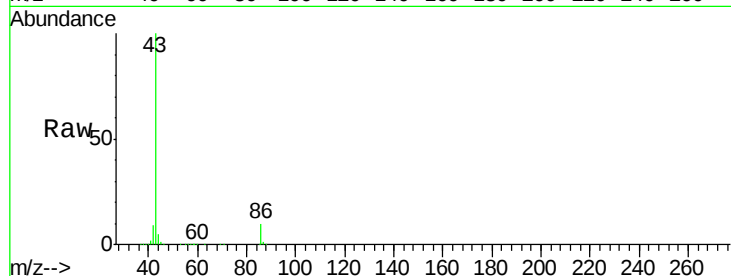
CKMW21MSD

Tgt Ion: 43 Resp: 1323956

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

600000

500000

400000

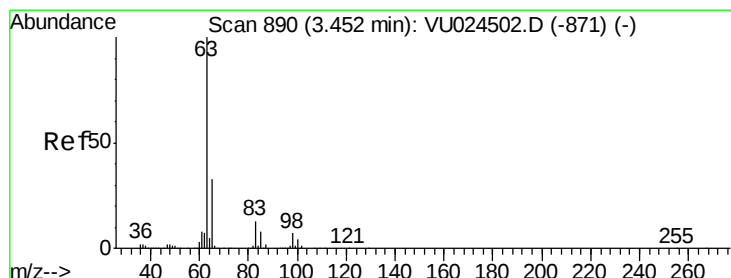
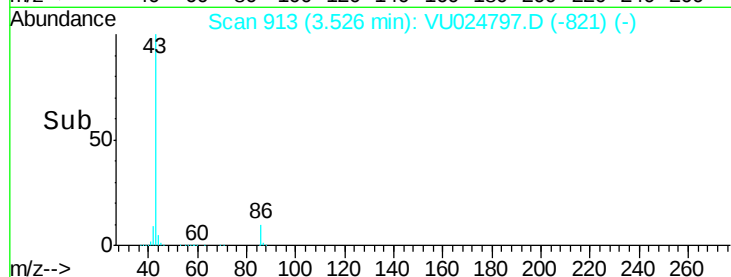
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.267 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

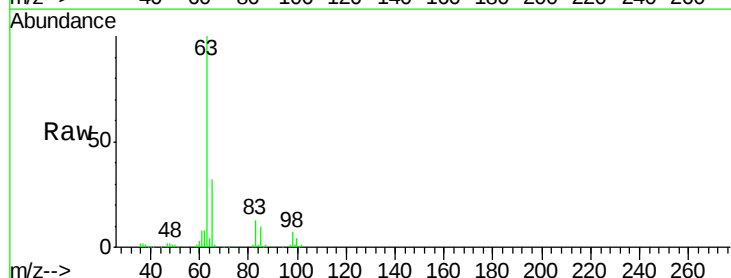
Tgt Ion: 63 Resp: 191813

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.1 1.8 5.5



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

100000

80000

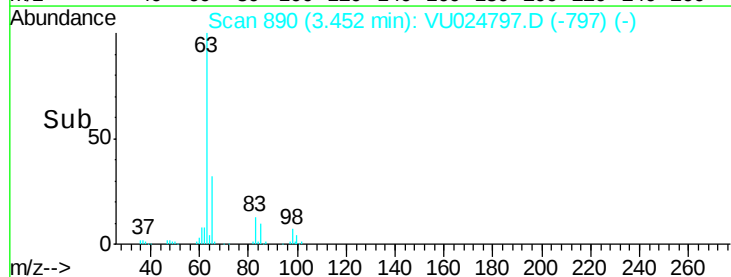
60000

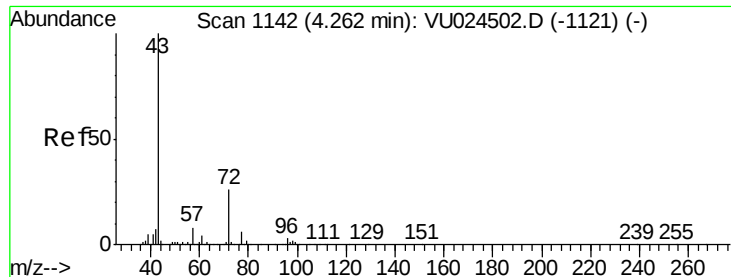
40000

20000

0

Time-->

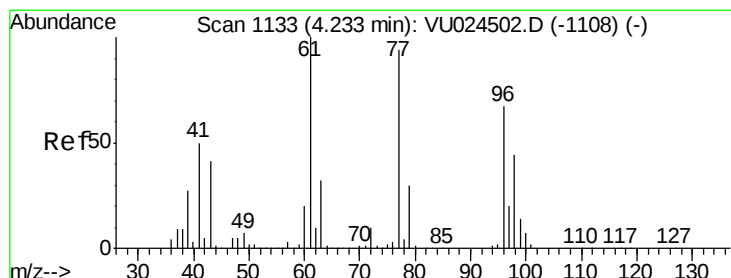
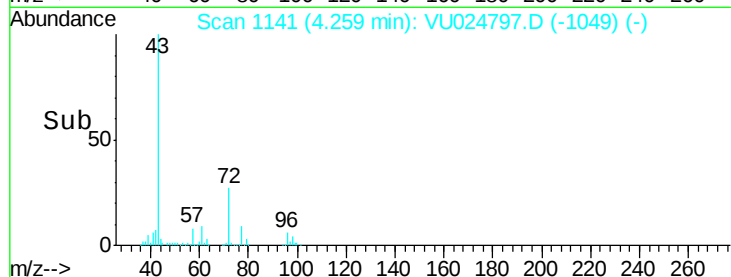
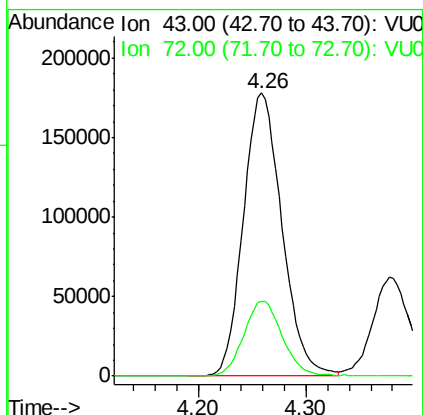
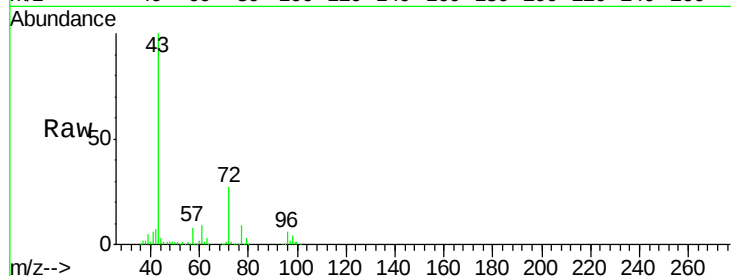




#25
2-Butanone
Concen: 217.992 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

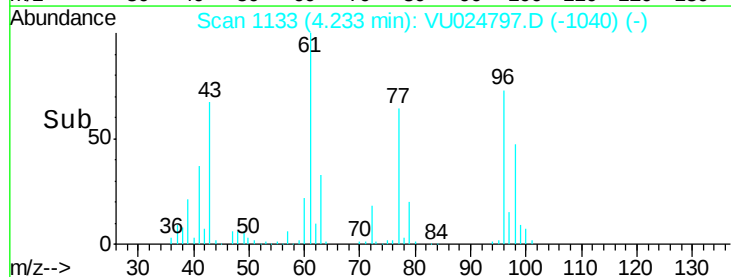
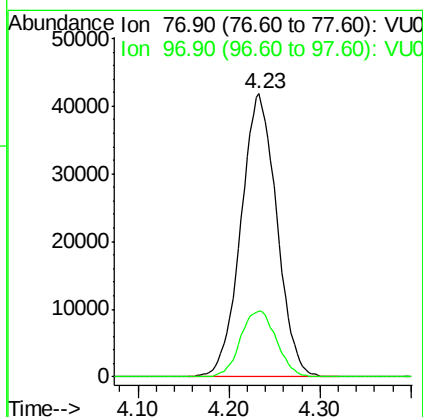
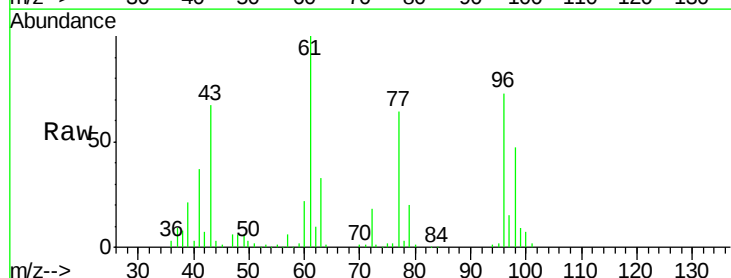
Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tgt Ion: 43 Resp: 441649
Ion Ratio Lower Upper
43 100
72 26.6 19.6 29.4



#26
2,2-Dichloropropane
Concen: 29.069 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion: 77 Resp: 114435
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 46.742 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

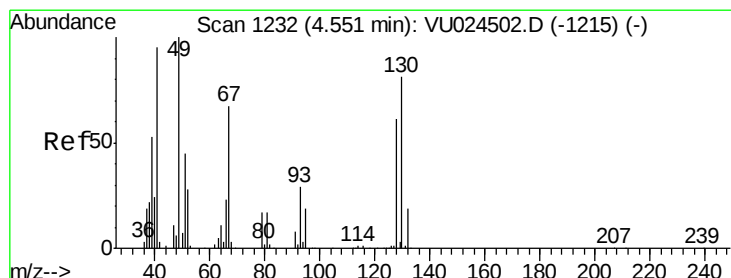
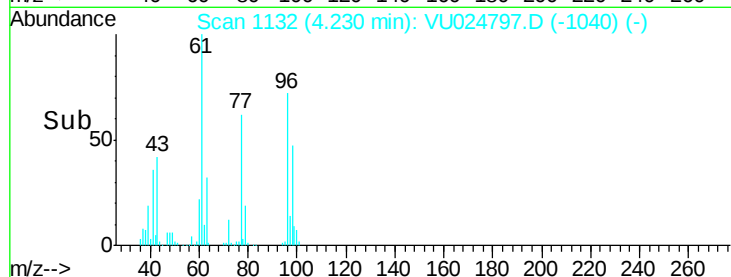
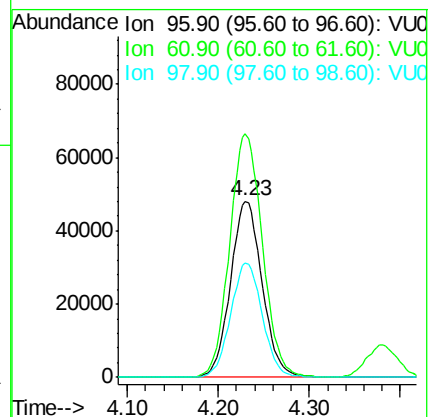
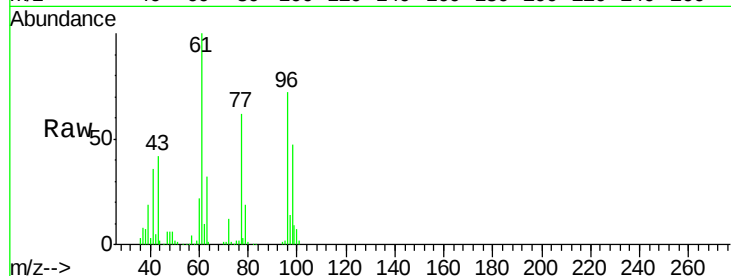
Tgt Ion: 96 Resp: 115885

Ion Ratio Lower Upper

96 100

61 143.6 0.0 306.6

98 65.1 0.0 128.8



#28

Bromochloromethane

Concen: 46.211 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

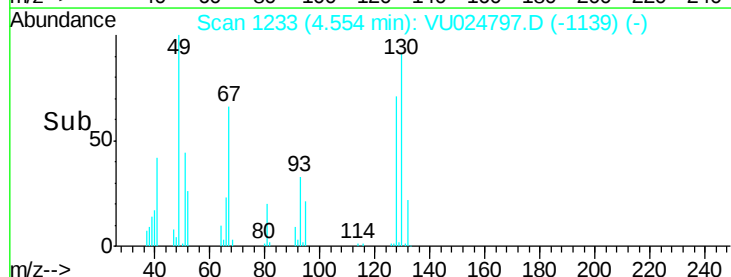
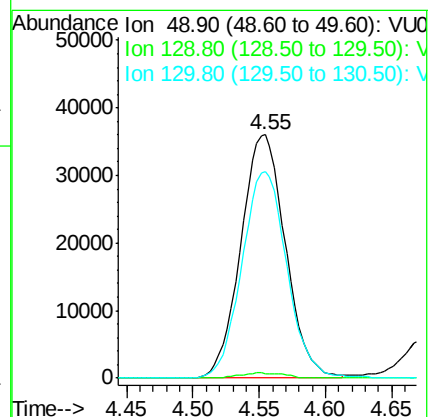
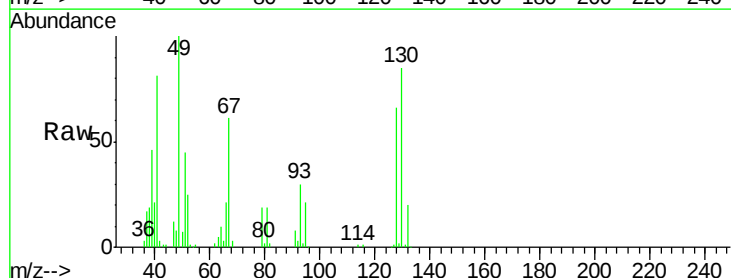
Tgt Ion: 49 Resp: 84385

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 85.5 57.8 86.6





#29

Tetrahydrofuran

Concen: 225.824 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

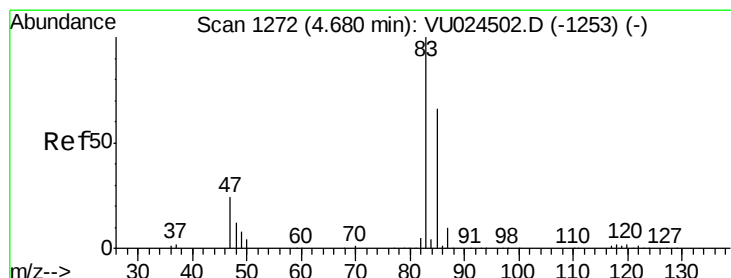
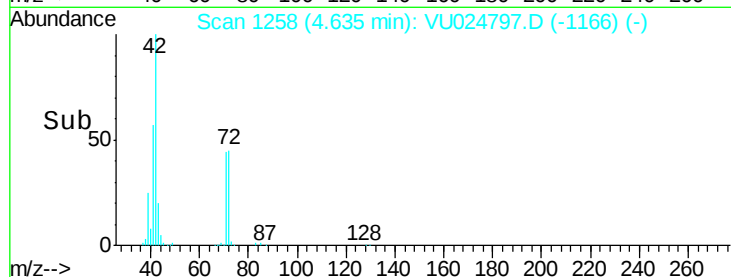
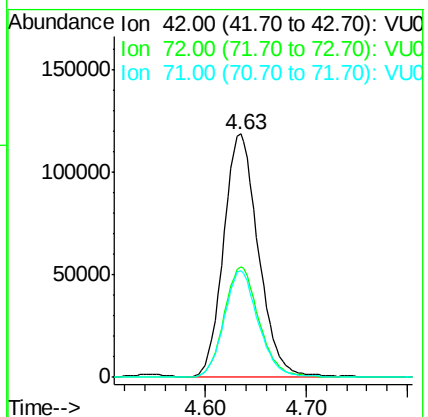
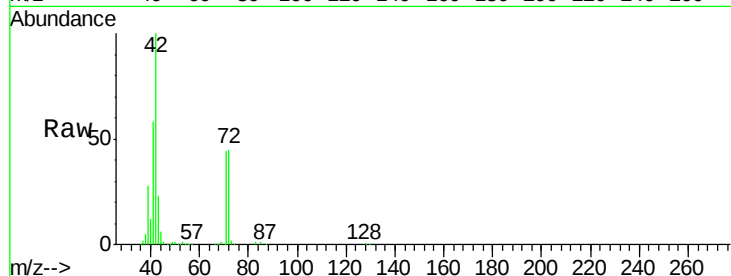
Tgt Ion: 42 Resp: 283325

Ion Ratio Lower Upper

42 100

72 46.0 34.5 51.7

71 43.3 32.2 48.4



#30

Chloroform

Concen: 48.762 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024797.D

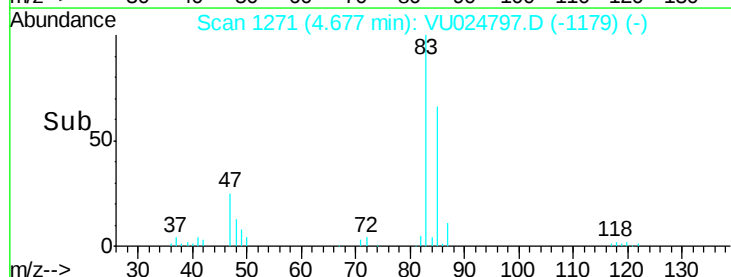
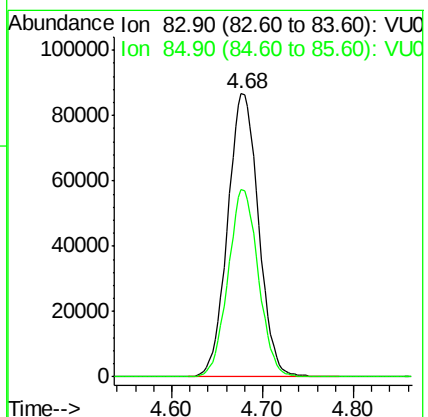
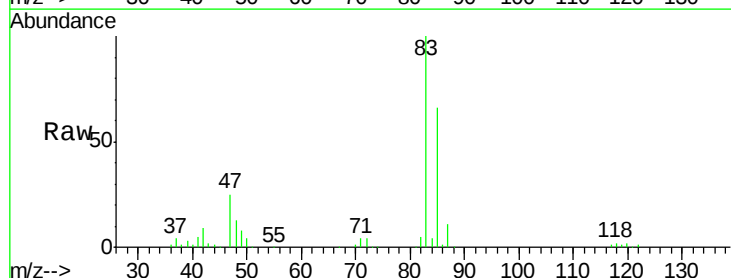
Acq: 21 Jun 2018 08:05

Tgt Ion: 83 Resp: 204614

Ion Ratio Lower Upper

83 100

85 66.1 52.4 78.6

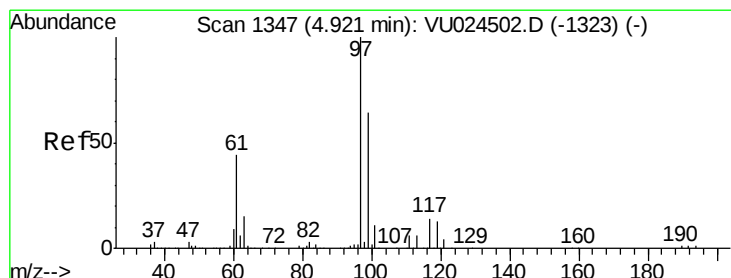
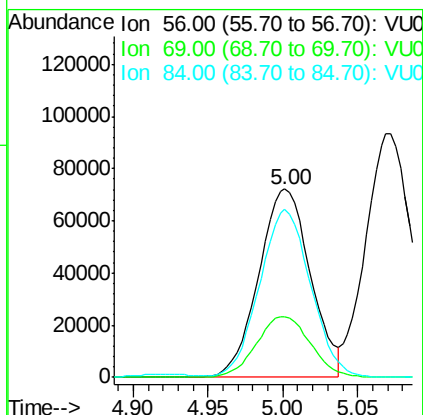
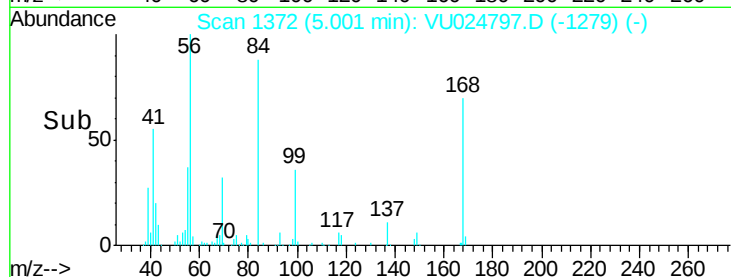
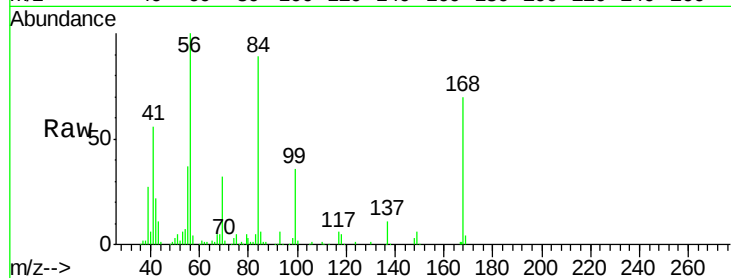




#31
Cyclohexane
Concen: 46.982 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

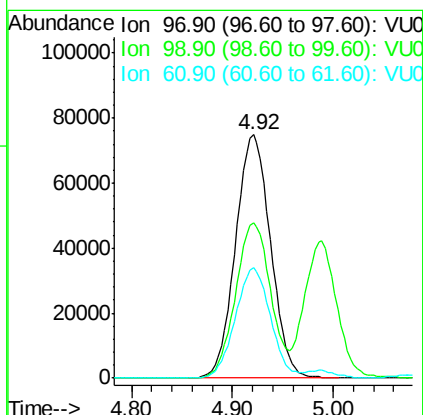
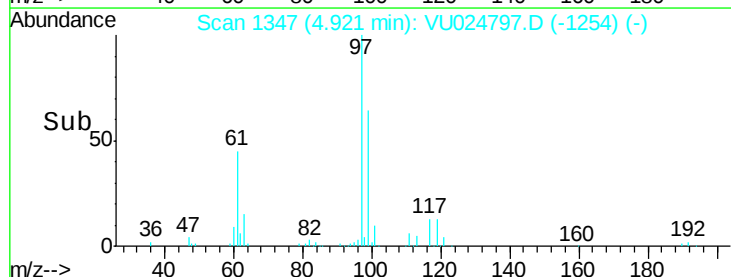
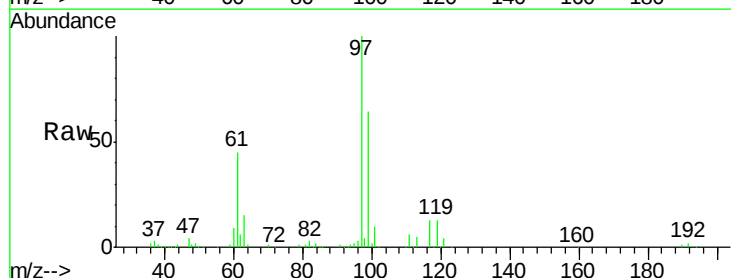
Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

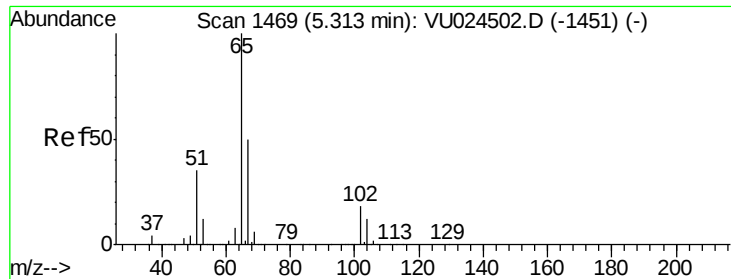
Tgt Ion: 56 Resp: 173405
Ion Ratio Lower Upper
56 100
69 32.5 24.8 37.2
84 87.7 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 46.414 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion: 97 Resp: 180101
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 45.5 39.4 59.0

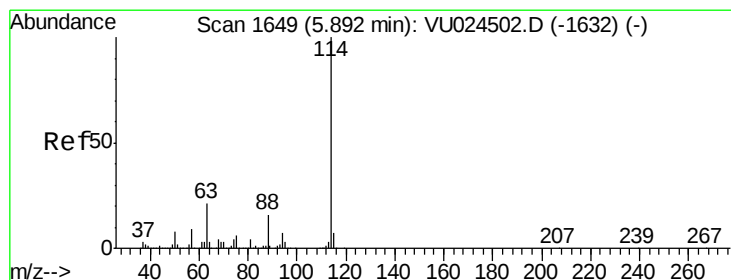
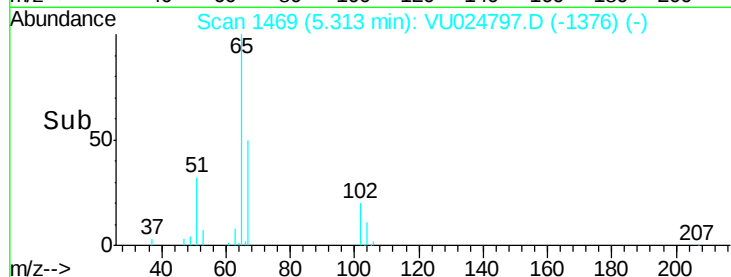
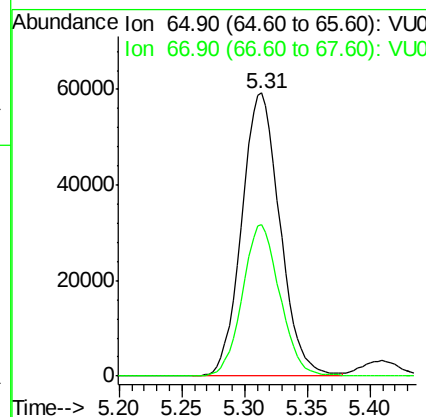
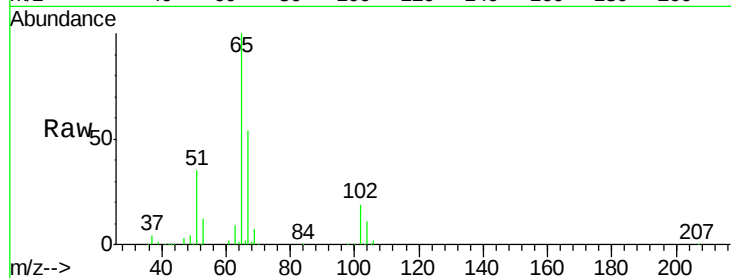




#33
 1,2-Dichloroethane-d4
 Concen: 44.802 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

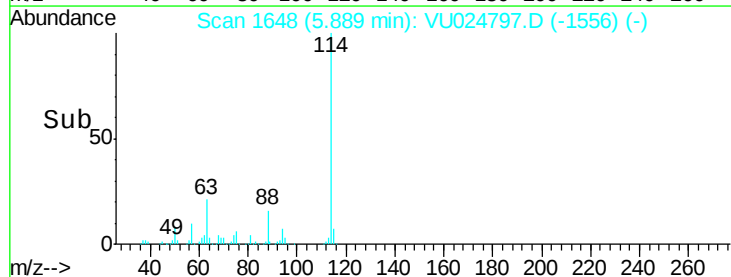
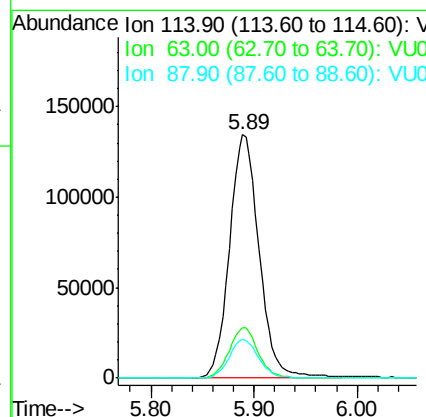
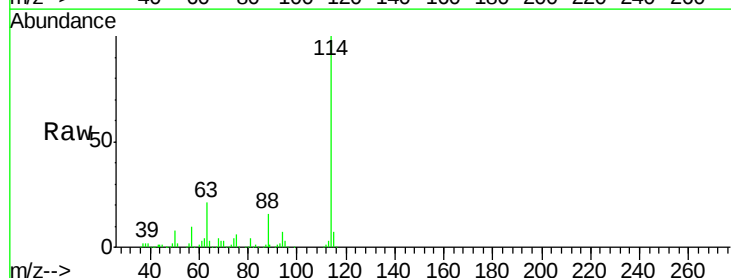
Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tgt Ion: 65 Resp: 125767
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion: 114 Resp: 269396
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.4
 88 15.9 0.0 31.0

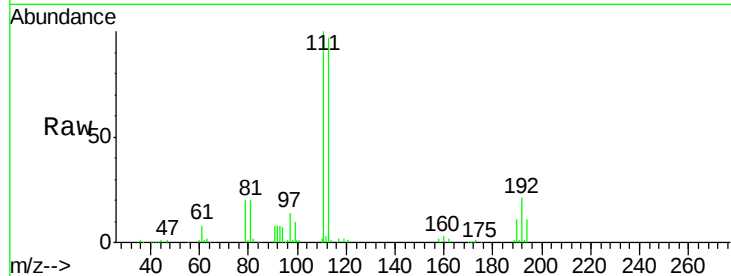




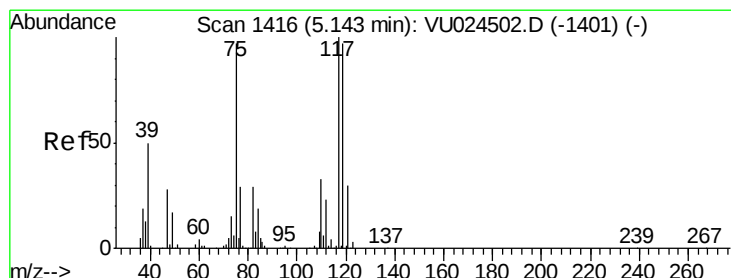
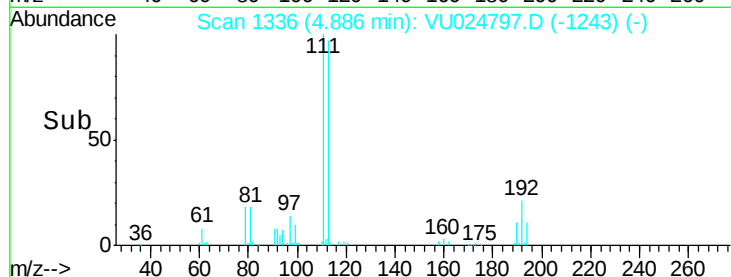
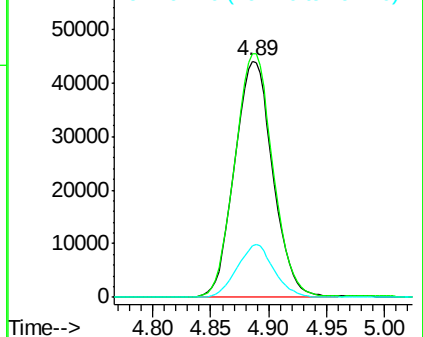
#35
Dibromofluoromethane
Concen: 45.096 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	21.8	16.2	24.4

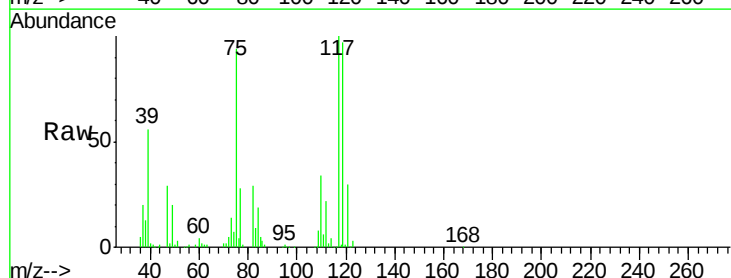


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

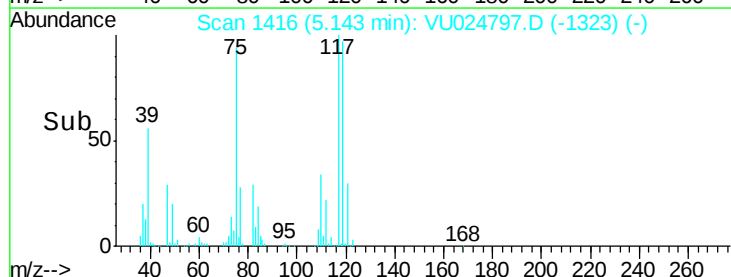
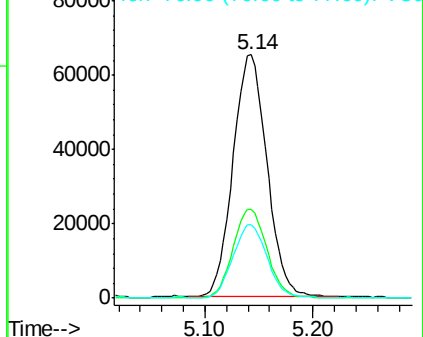


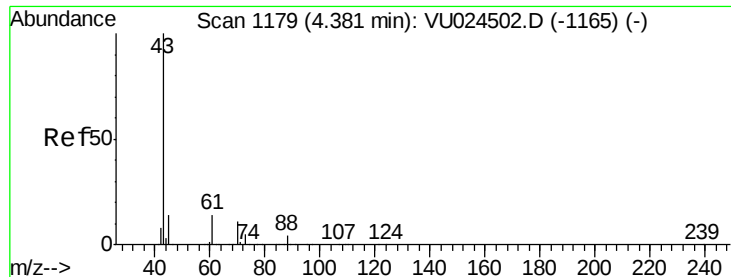
#36
1,1-Dichloropropene
Concen: 45.164 ug/l
RT: 5.14 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.0	50.9
77	30.2	24.2	36.4



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

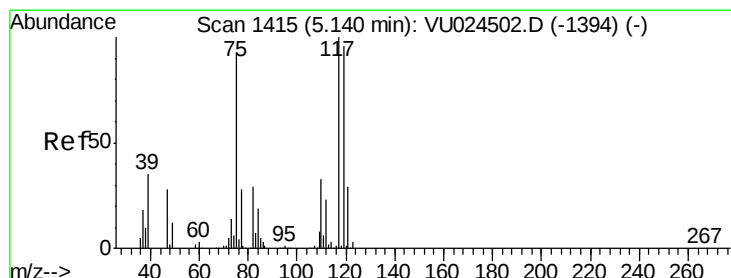
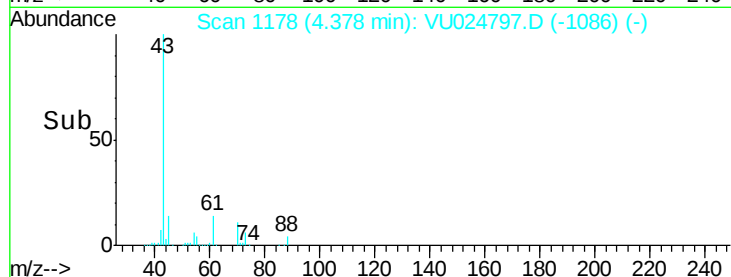
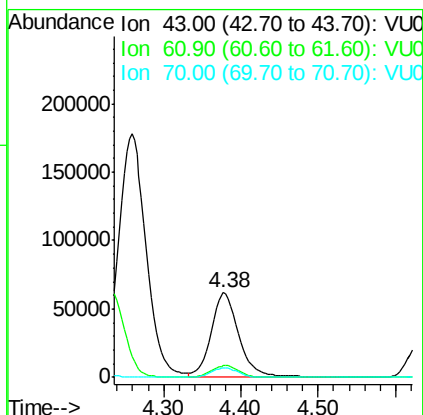
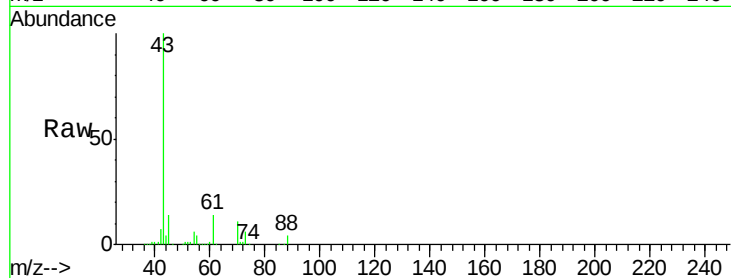




#37
Ethyl Acetate
Concen: 44.585 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

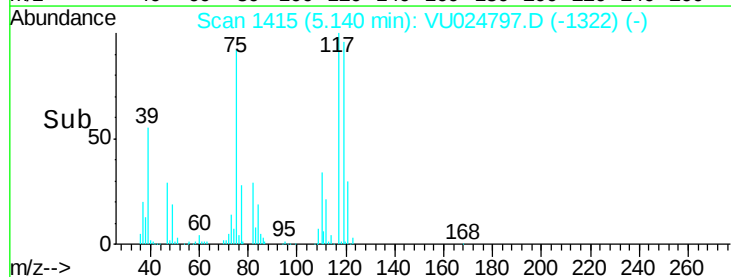
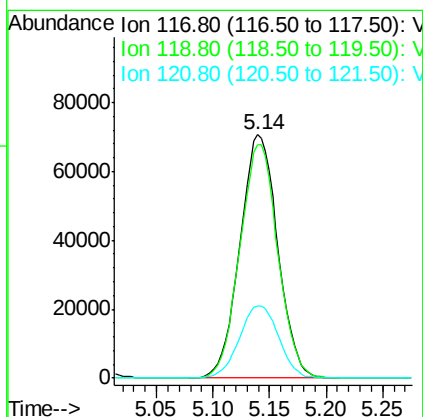
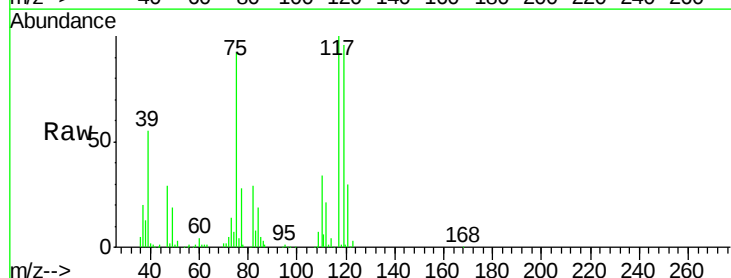
Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

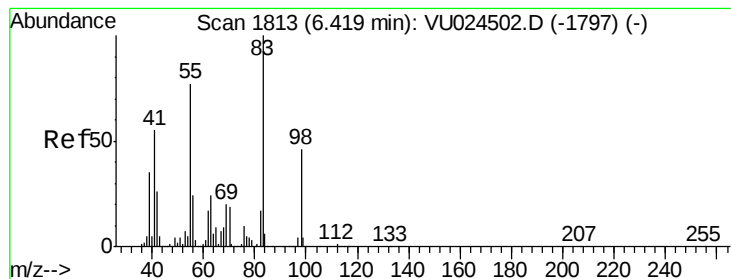
Tgt Ion: 43 Resp: 153832
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 10.9 7.4 11.2



#38
Carbon Tetrachloride
Concen: 47.145 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion: 117 Resp: 164117
Ion Ratio Lower Upper
117 100
119 96.0 76.1 114.1
121 29.7 23.7 35.5

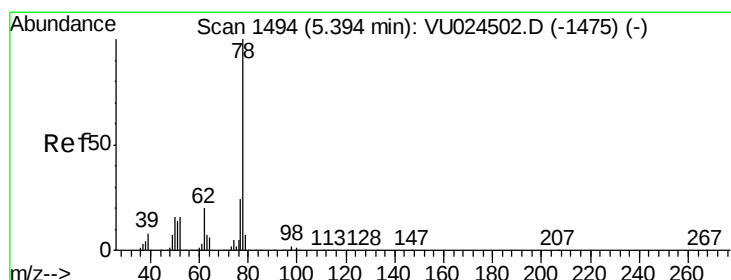
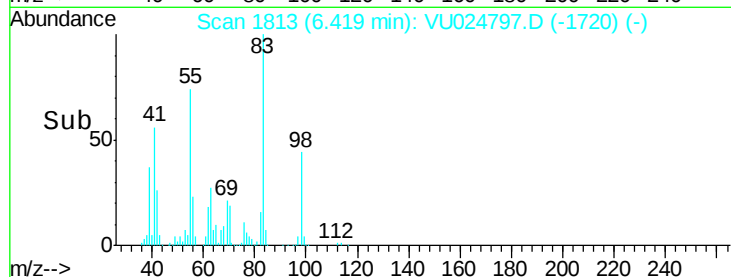
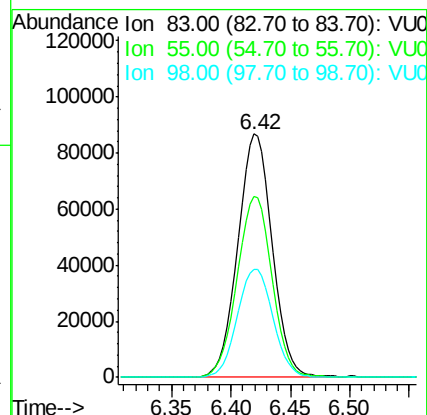
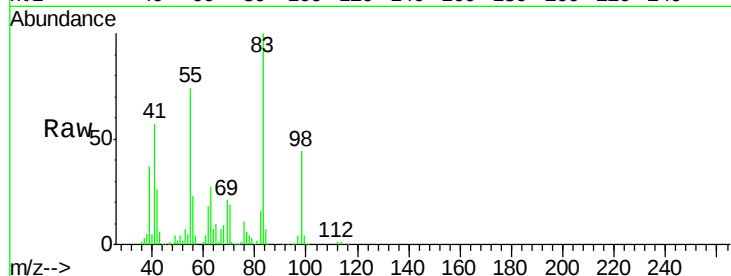




#39
Methylcyclohexane
Concen: 44.064 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

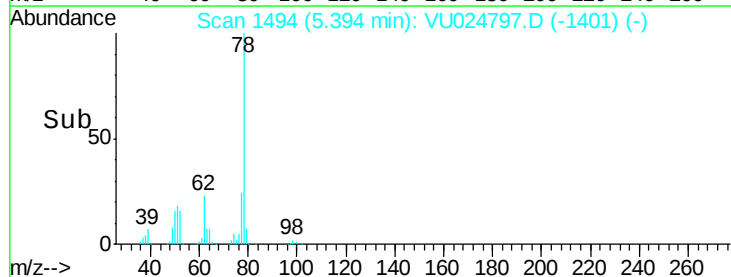
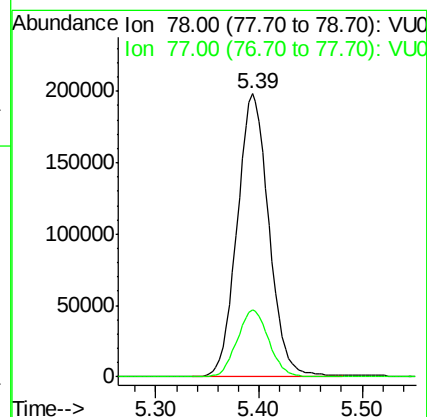
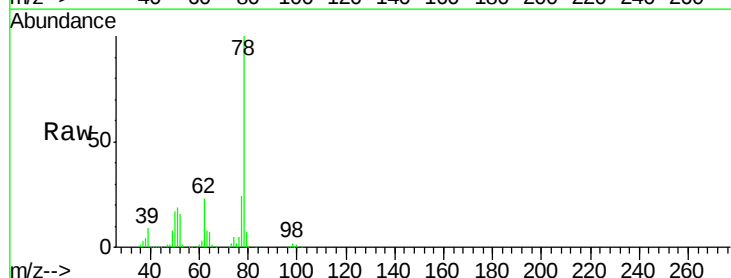
Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tgt Ion: 83 Resp: 174072
Ion Ratio Lower Upper
83 100
55 74.3 65.8 98.6
98 44.3 36.7 55.1



#40
Benzene
Concen: 47.166 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion: 78 Resp: 425449
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8

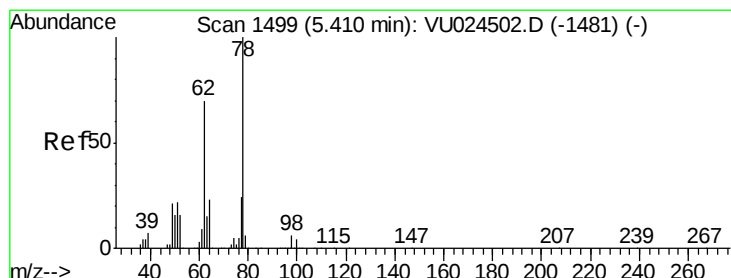
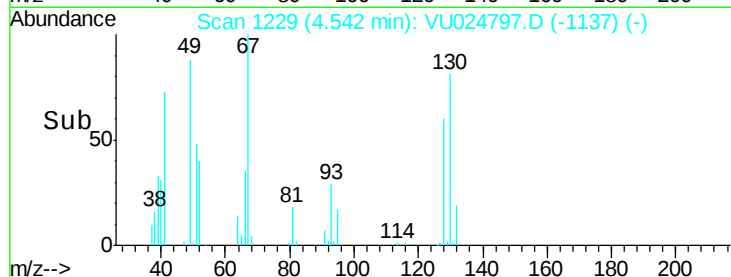
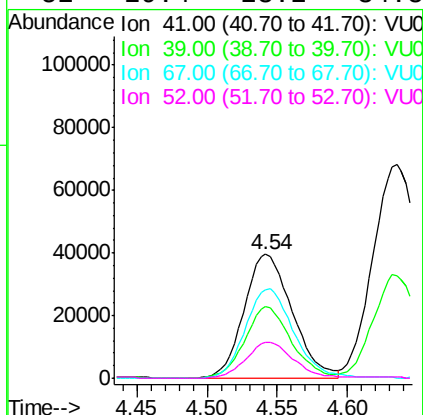
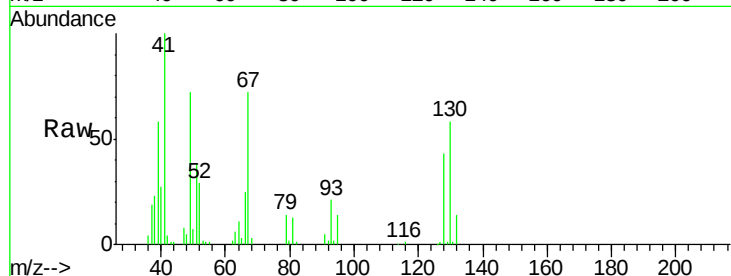




#41
Methacrylonitrile
Concen: 50.968 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

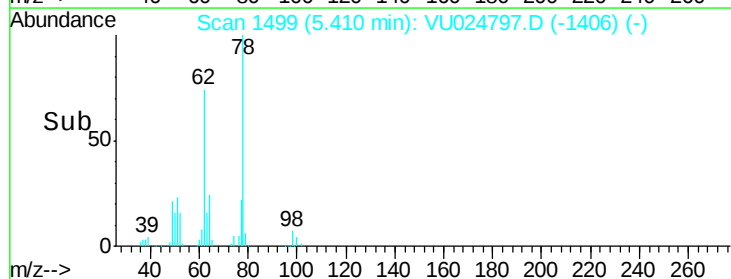
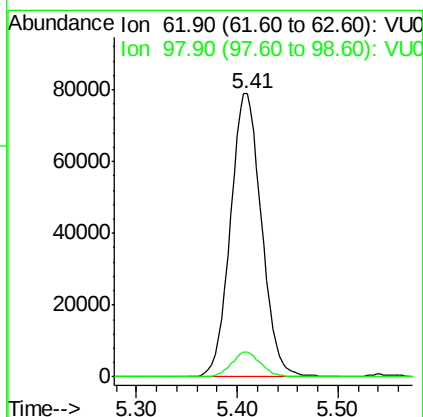
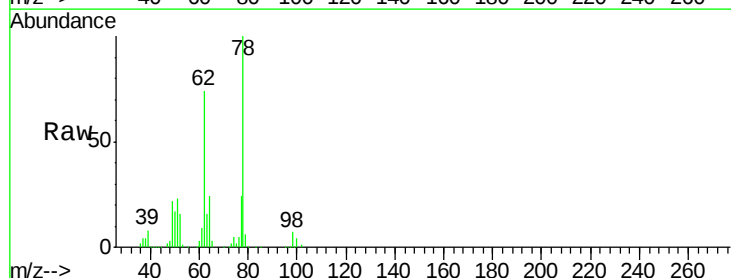
Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tgt Ion:	41	Resp:	94815
Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.8	65.6
67	72.4	56.3	84.5
52	29.4	23.2	34.8



#42
1,2-Dichloroethane
Concen: 49.138 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion:	62	Resp:	168813
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6

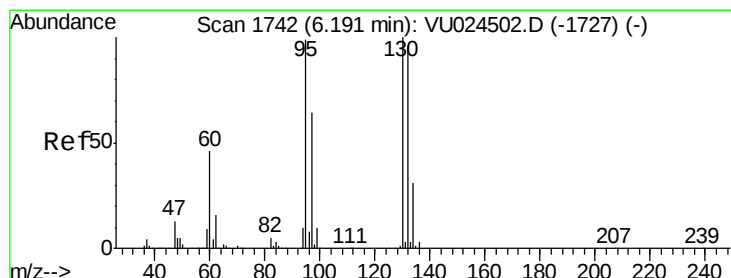
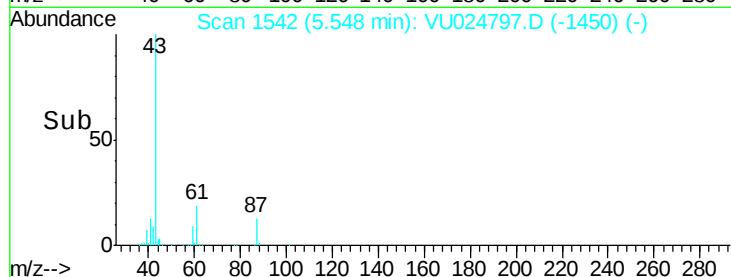
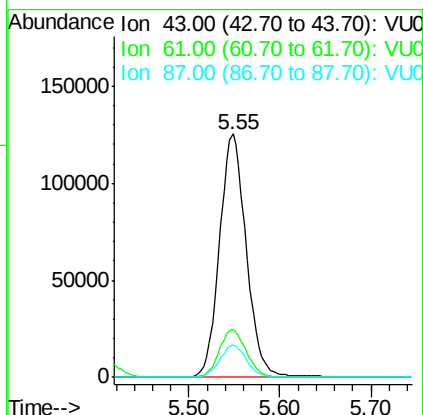
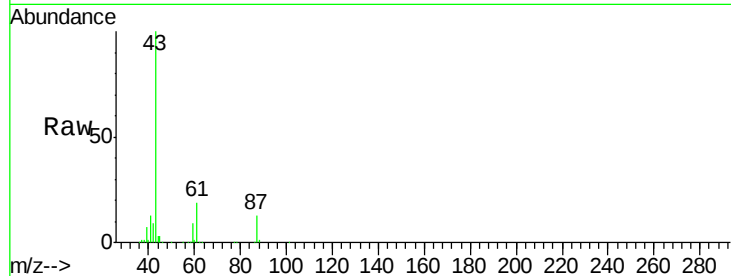




#43
Isopropyl Acetate
Concen: 42.785 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

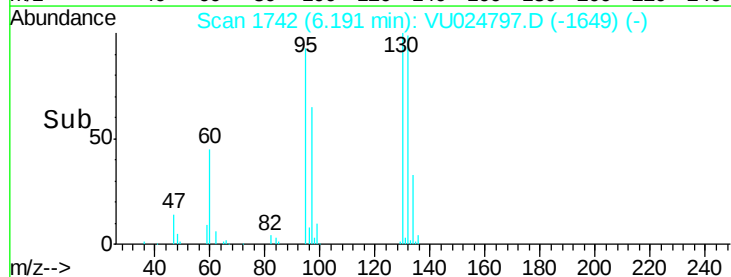
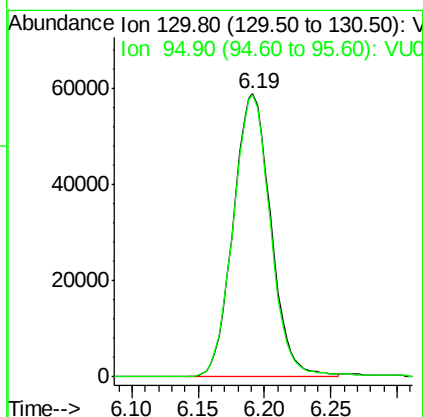
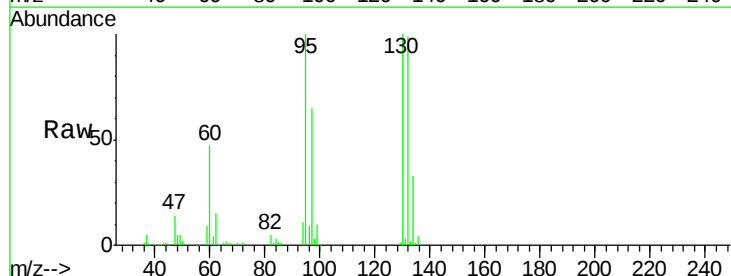
Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tgt Ion: 43 Resp: 255169
Ion Ratio Lower Upper
43 100
61 19.9 15.4 23.0
87 13.3 10.0 15.0



#44
Trichloroethene
Concen: 45.385 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion: 130 Resp: 116510
Ion Ratio Lower Upper
130 100
95 99.7 0.0 202.4

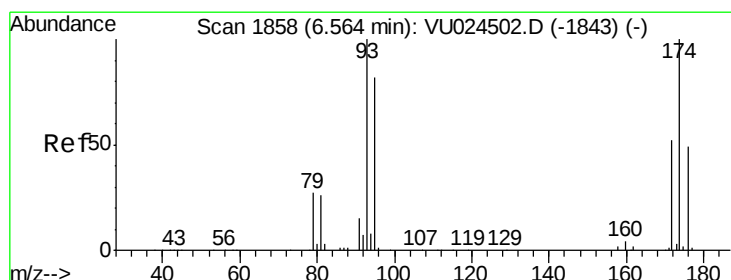
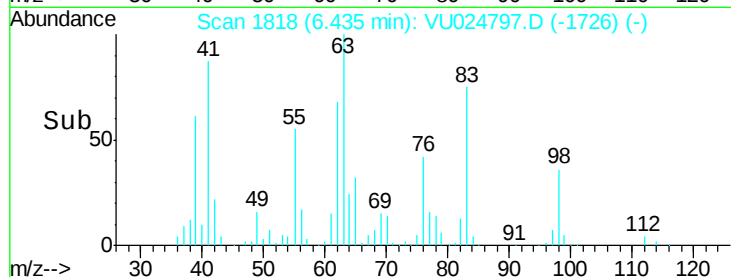
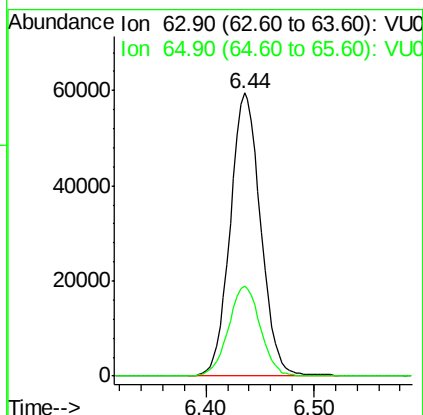
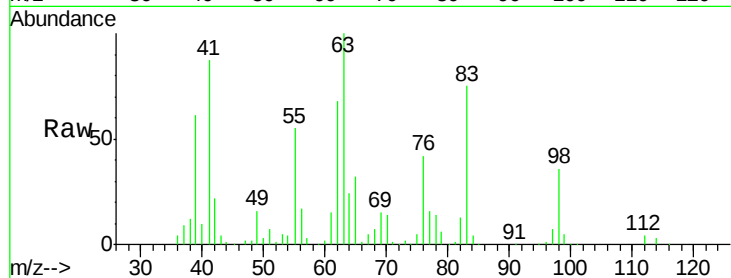




#45
 1,2-Dichloropropane
 Concen: 48.364 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

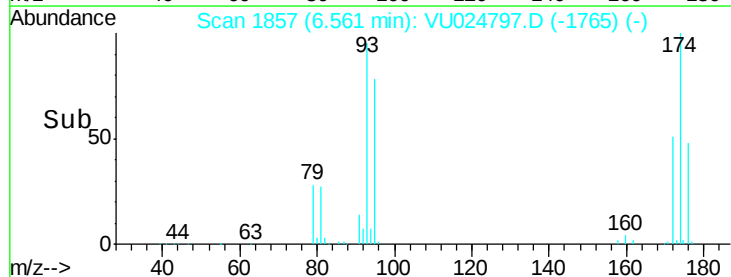
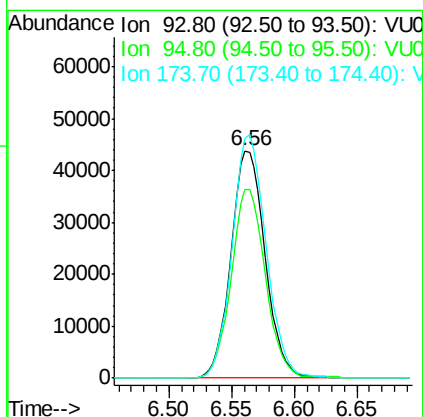
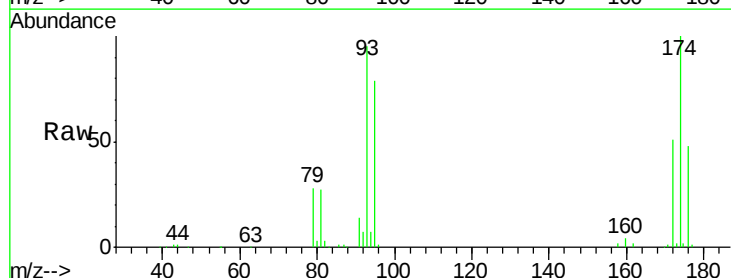
Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tgt Ion: 63 Resp: 116404
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.8 37.2



#46
 Dibromomethane
 Concen: 49.111 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion: 93 Resp: 83026
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.5 98.3
 174 106.4 78.7 118.1





#47

Bromodichloromethane

Concen: 47.898 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

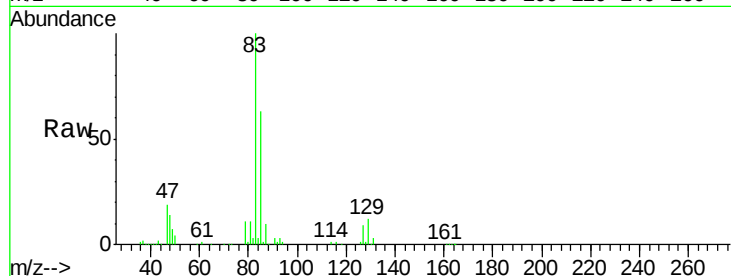
Tgt Ion: 83 Resp: 161246

Ion Ratio Lower Upper

83 100

85 63.5 51.9 77.9

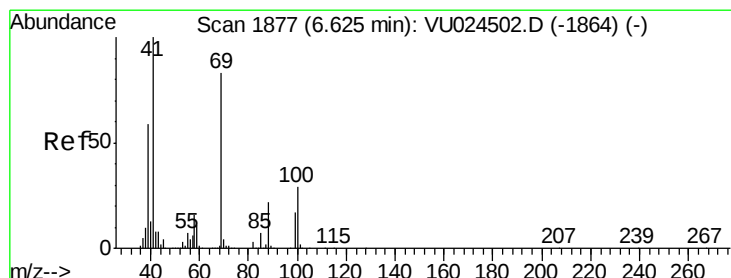
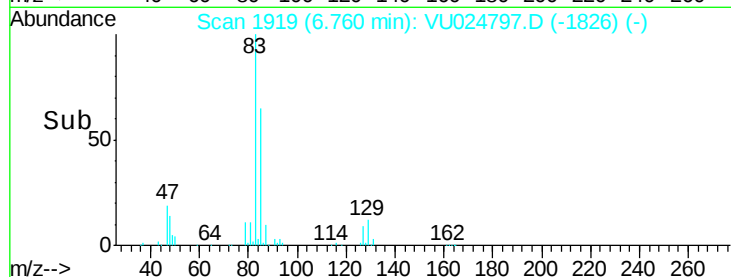
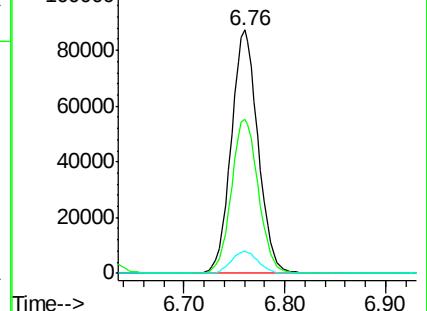
127 9.0 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU024797.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU024797.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU024797.D (-1826) (-)



#48

Methyl methacrylate

Concen: 46.866 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

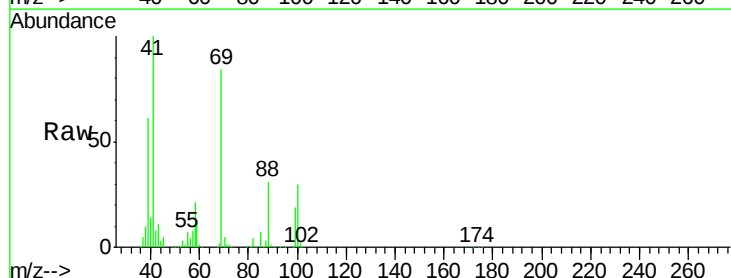
Tgt Ion: 41 Resp: 136103

Ion Ratio Lower Upper

41 100

69 83.7 67.3 100.9

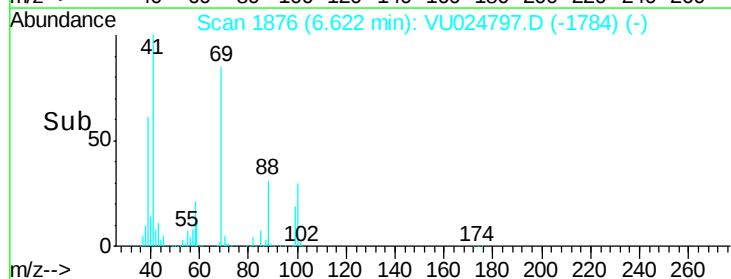
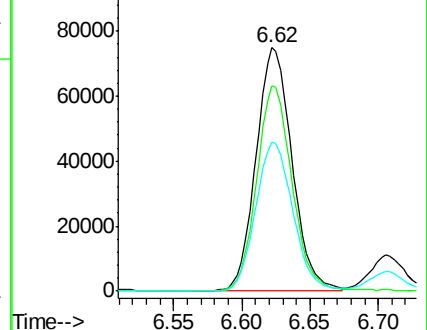
39 63.1 46.5 69.7



Abundance Ion 41.00 (40.70 to 41.70): VU024797.D (-1784) (-)

Ion 69.00 (68.70 to 69.70): VU024797.D (-1784) (-)

Ion 39.00 (38.70 to 39.70): VU024797.D (-1784) (-)





#49

1,4-Dioxane

Concen: 1090.779 ug/l

RT: 6.61 min Scan# 1873

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

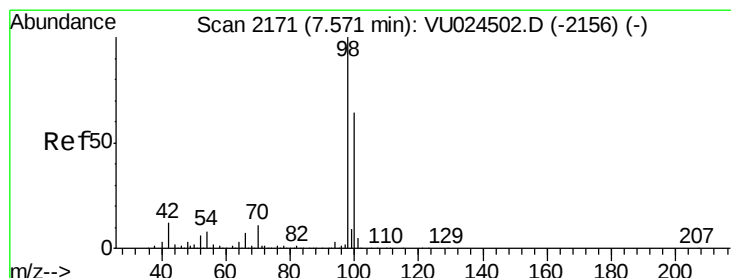
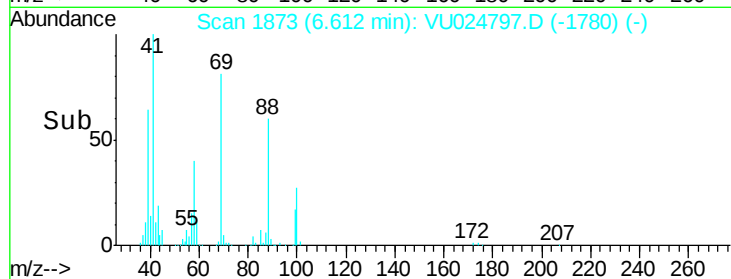
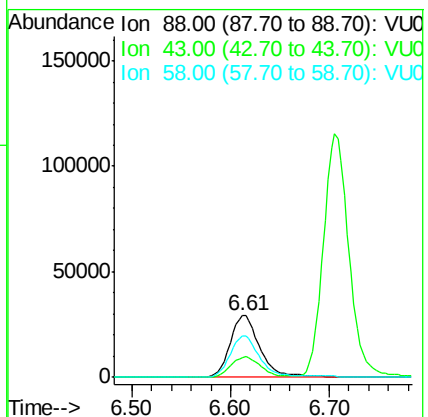
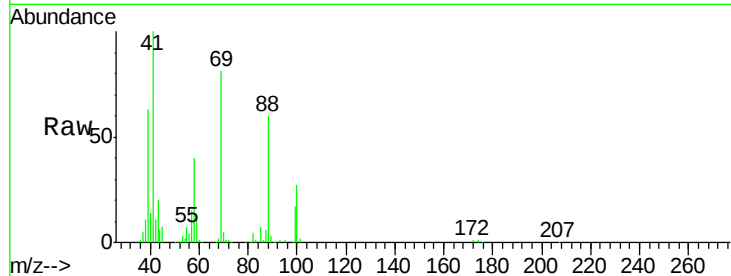
Tgt Ion: 88 Resp: 61949

Ion Ratio Lower Upper

88 100

43 32.6 28.6 42.8

58 65.7 58.2 87.4



#50

Toluene-d8

Concen: 44.454 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024797.D

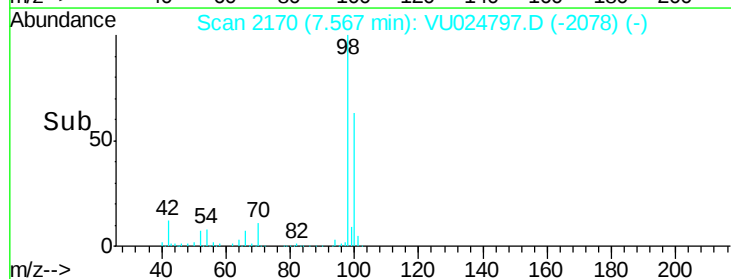
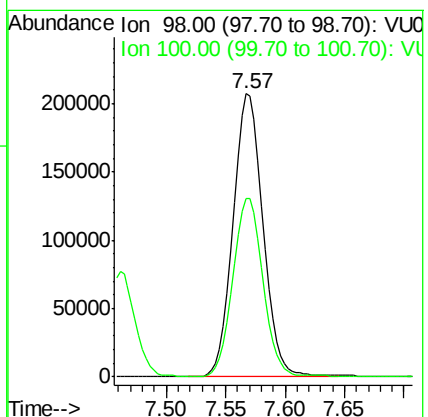
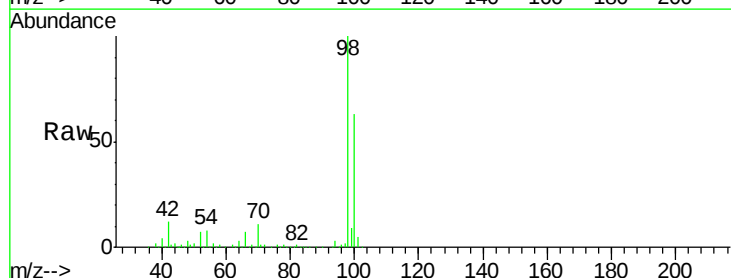
Acq: 21 Jun 2018 08:05

Tgt Ion: 98 Resp: 362528

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7

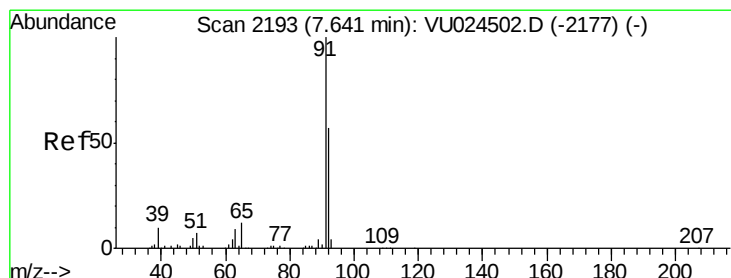
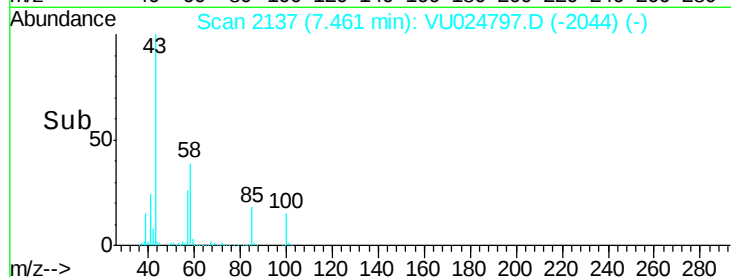
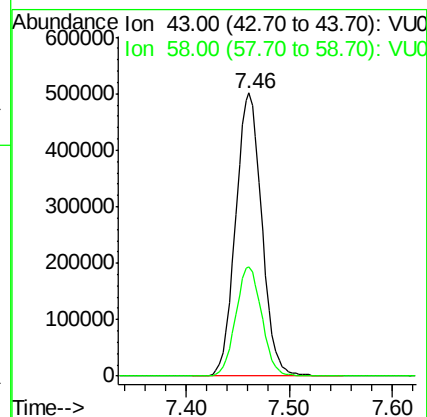
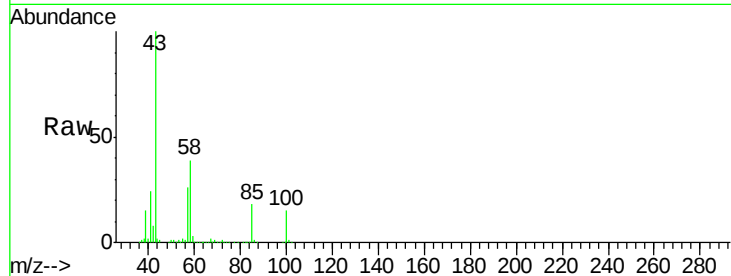




#51
 4-Methyl-2-Pentanone
 Concen: 236.662 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

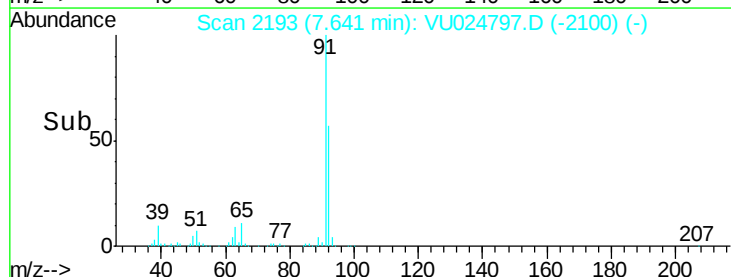
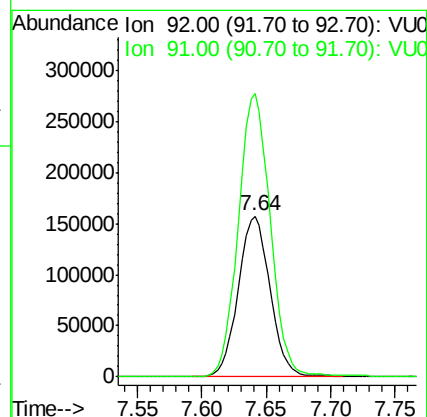
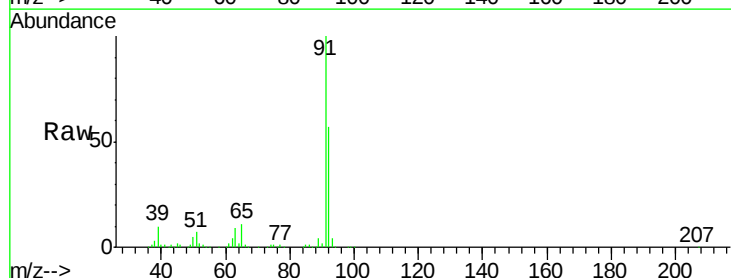
Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tgt Ion: 43 Resp: 886743
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.0 45.0



#52
 Toluene
 Concen: 46.698 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion: 92 Resp: 271003
 Ion Ratio Lower Upper
 92 100
 91 177.5 140.5 210.7

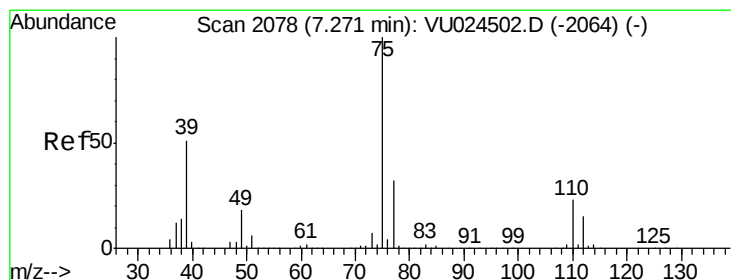
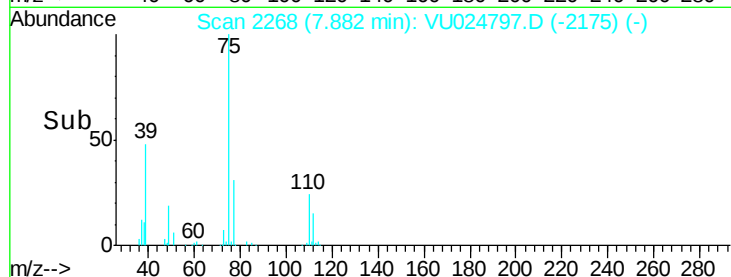
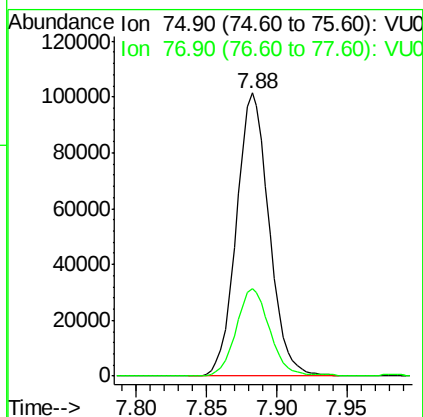
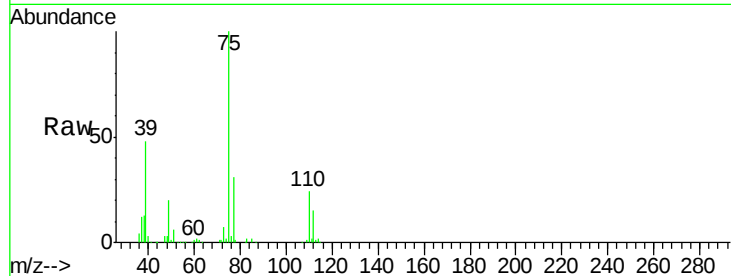




#53
 t-1,3-Dichloropropene
 Concen: 43.550 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

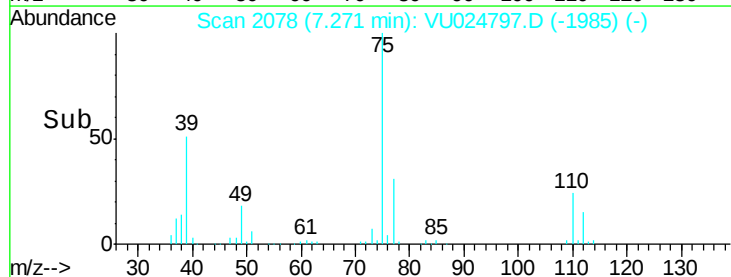
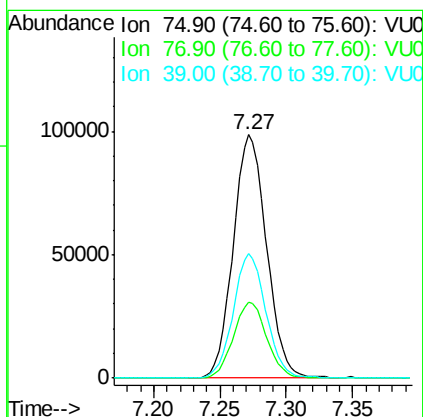
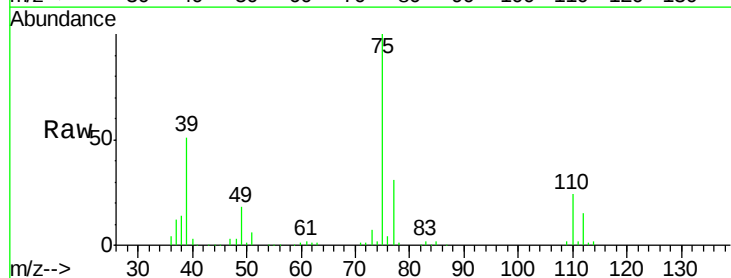
Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tgt Ion: 75 Resp: 164640
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 42.808 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion: 75 Resp: 172446
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 36.8
 39 50.9 39.8 59.6

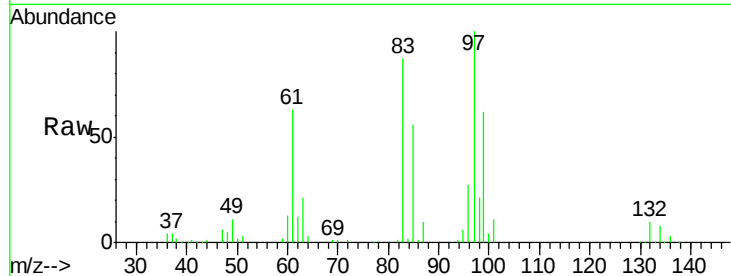




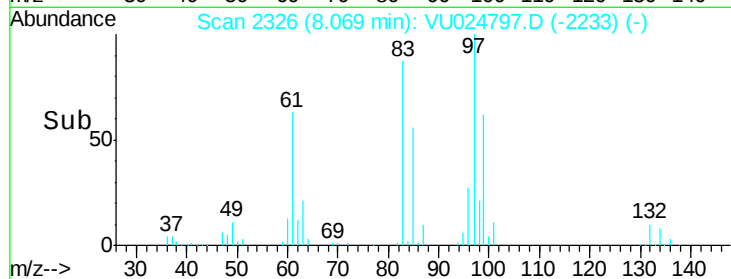
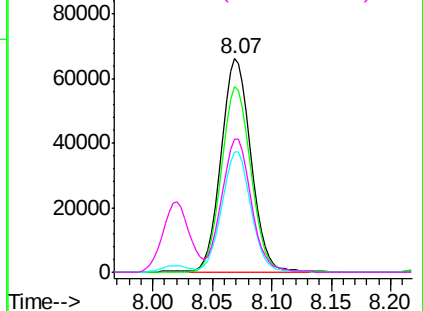
#55
 1,1,2-Trichloroethane
 Concen: 48.428 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tgt Ion:	97	Resp:	114241
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.5	105.7
85	56.3	46.4	69.6
99	62.3	50.2	75.2

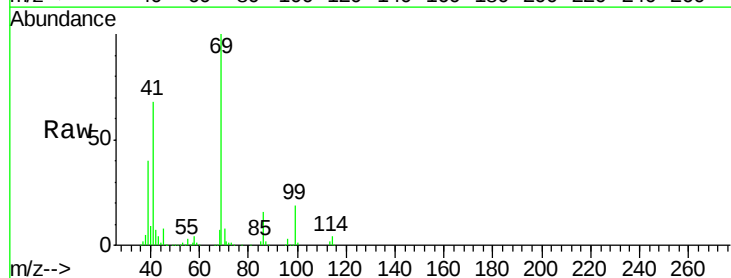


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

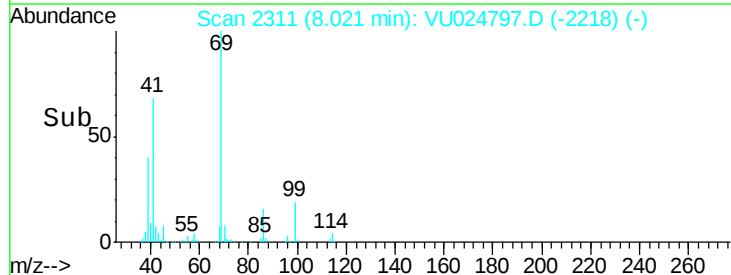
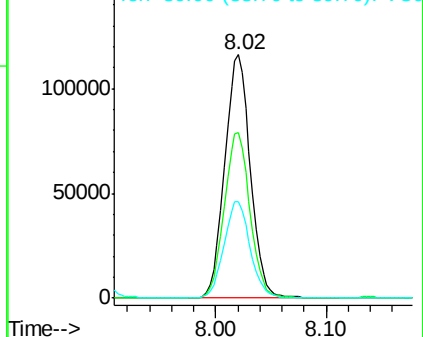


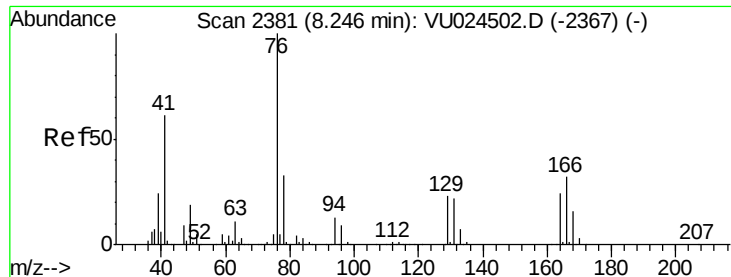
#56
 Ethyl methacrylate
 Concen: 47.406 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion:	69	Resp:	187173
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.1	81.1
39	39.6	30.3	45.5



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

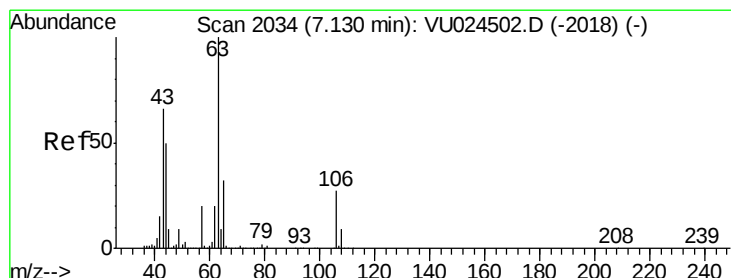
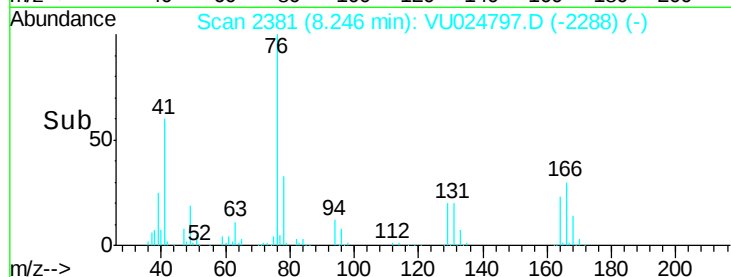
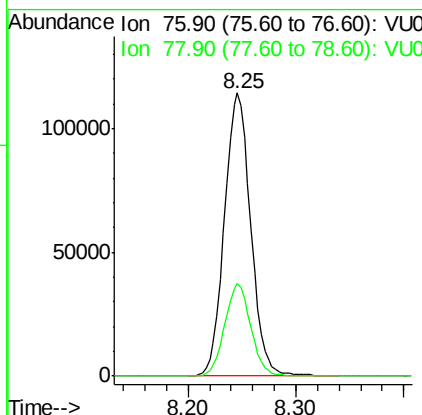
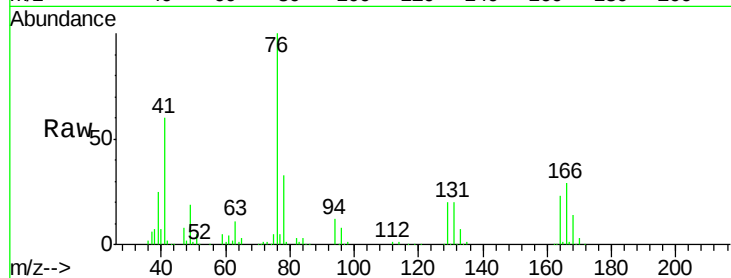




#57
 1,3-Dichloropropane
 Concen: 48.816 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

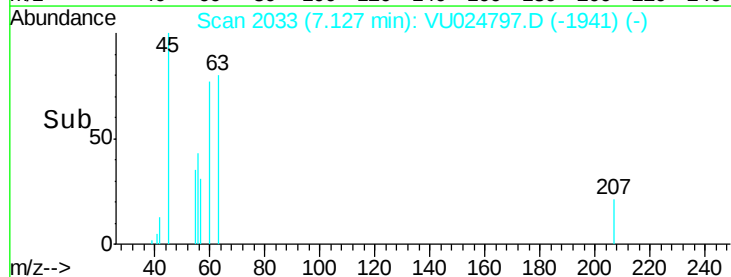
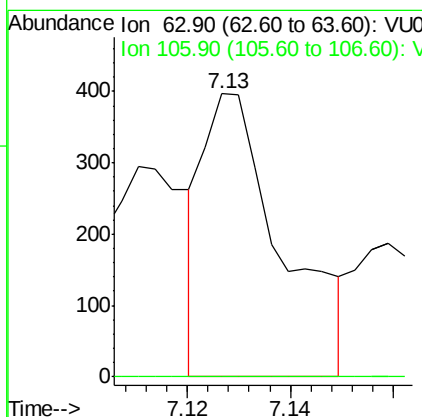
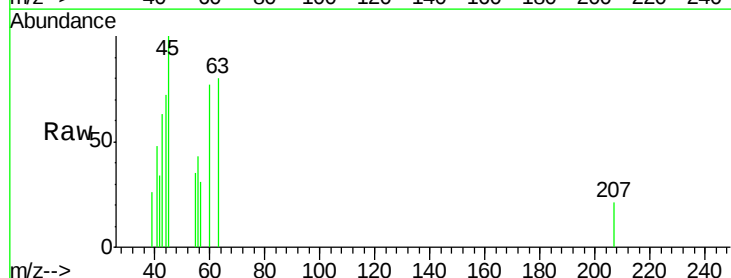
Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

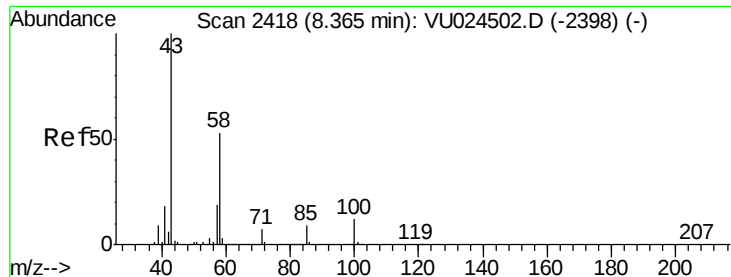
Tgt Ion: 76 Resp: 194259
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.278 ug/l
 RT: 7.13 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion: 63 Resp: 420
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.2 30.2#

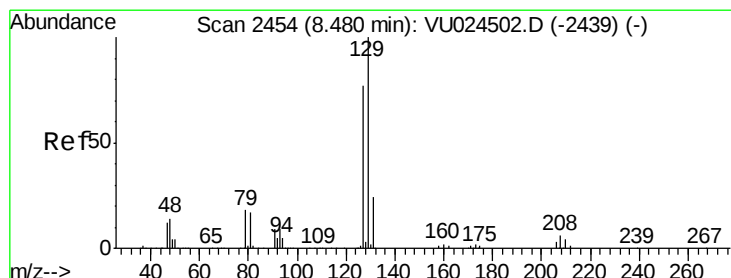
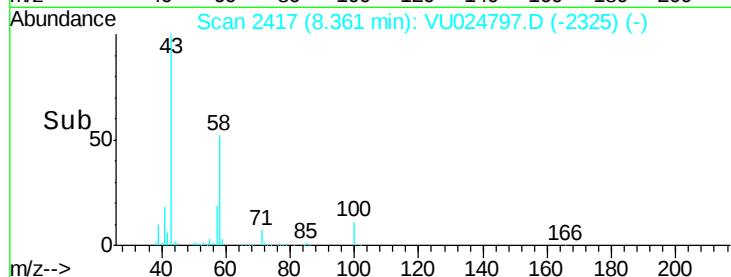
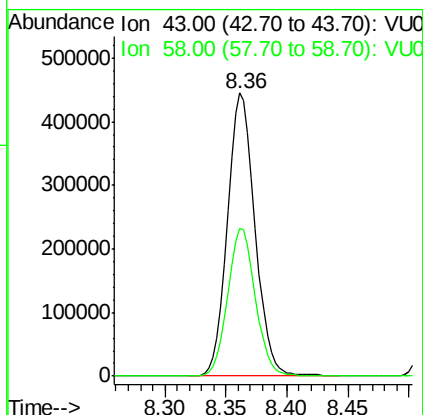
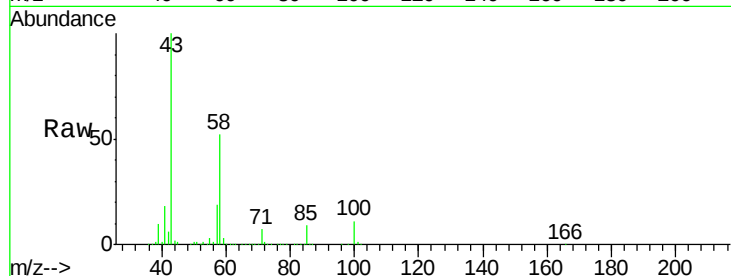




#59
2-Hexanone
Concen: 229.723 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

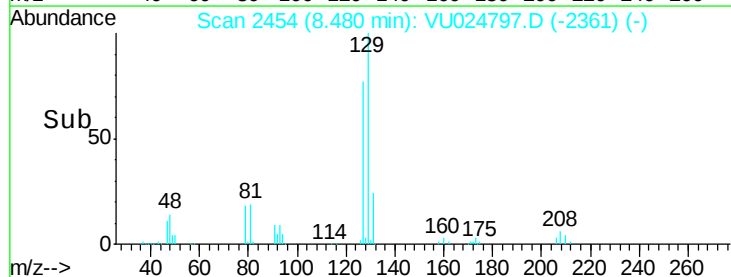
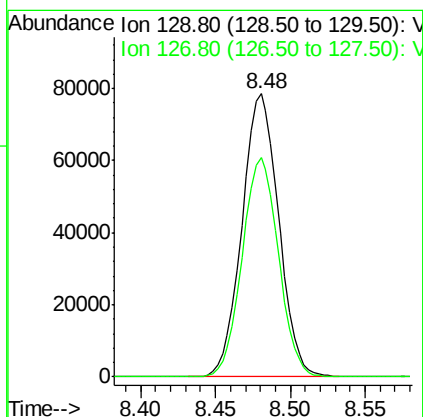
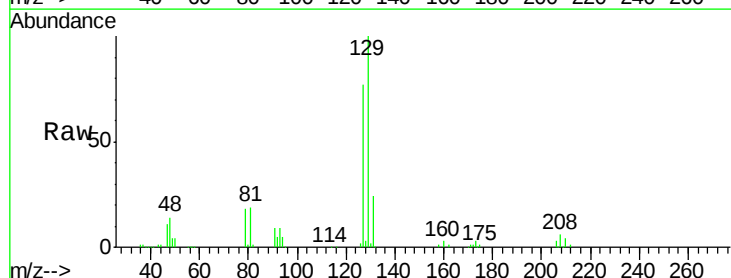
Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tgt Ion: 43 Resp: 702717
Ion Ratio Lower Upper
43 100
58 52.7 26.4 79.0



#60
Dibromochloromethane
Concen: 45.685 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion: 129 Resp: 134389
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 47.921 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

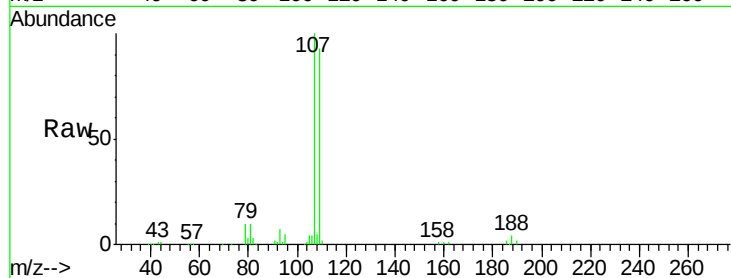
CKMW21MSD

Tgt Ion:107 Resp: 125823

Ion Ratio Lower Upper

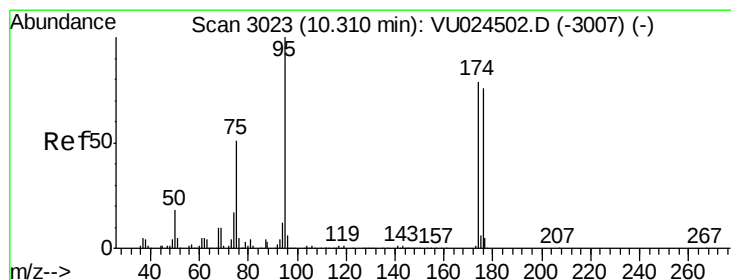
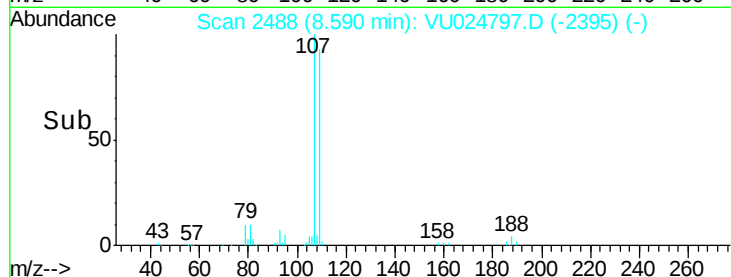
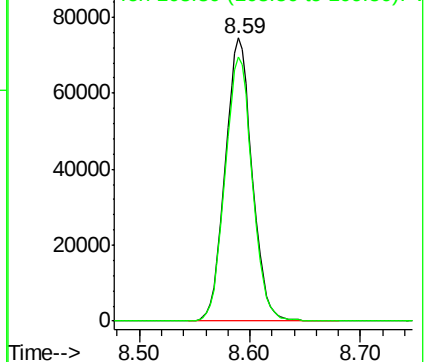
107 100

109 94.6 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.558 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

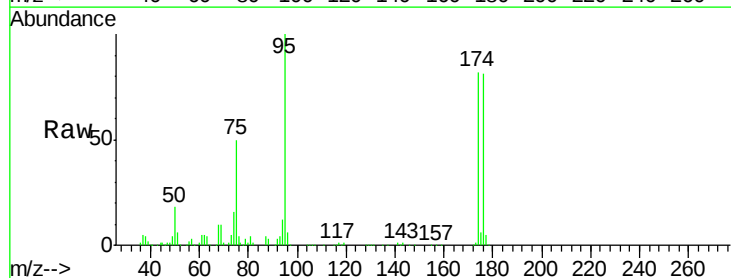
Tgt Ion: 95 Resp: 144277

Ion Ratio Lower Upper

95 100

174 84.9 0.0 165.8

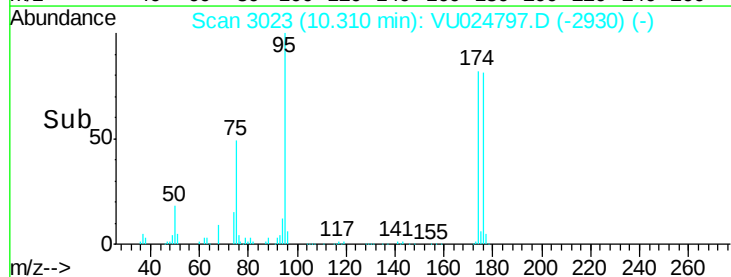
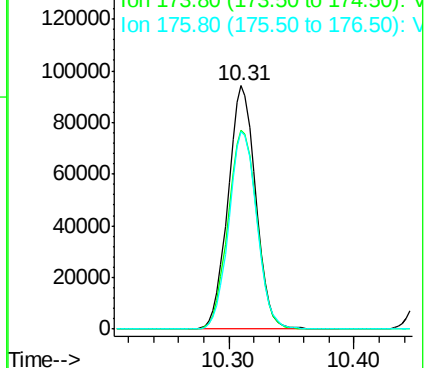
176 82.1 0.0 159.4



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

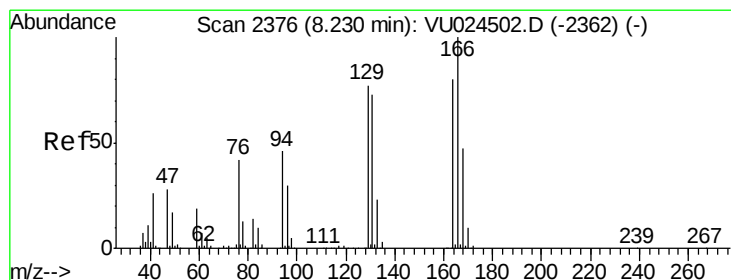
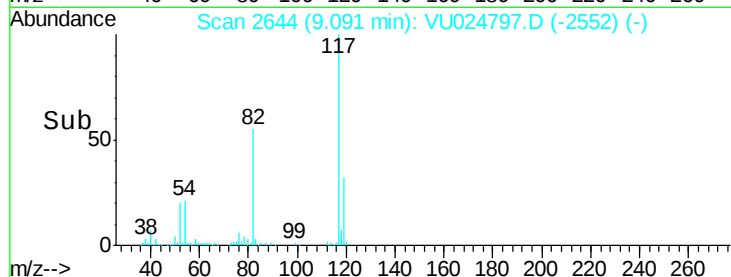
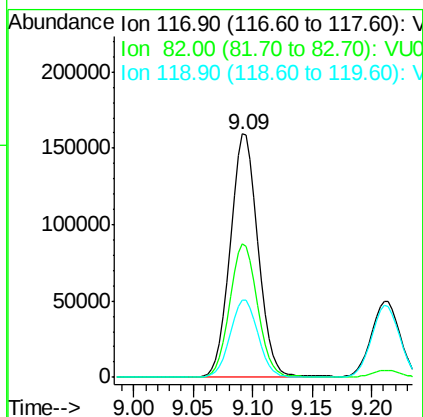
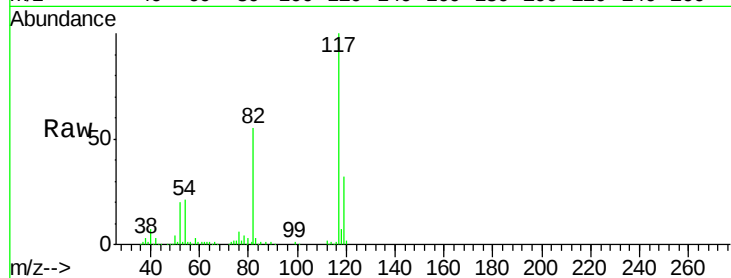




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

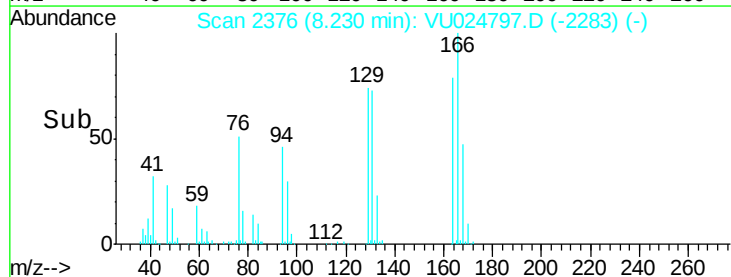
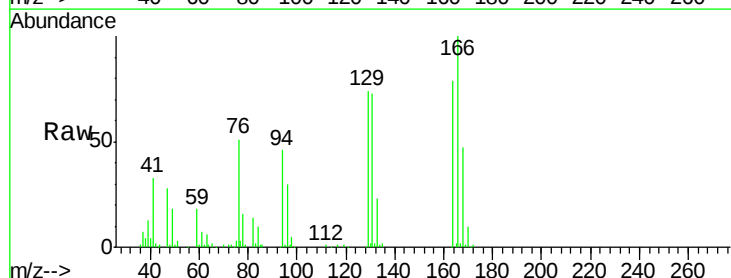
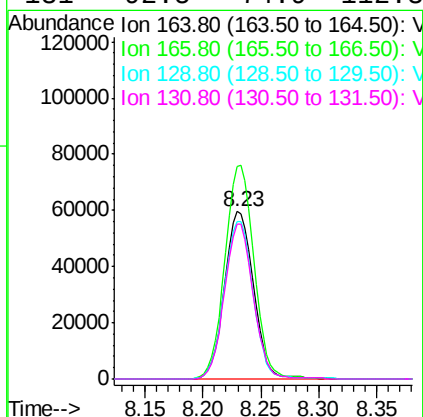
Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tgt Ion:117 Resp: 258817
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 41.811 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion:164 Resp: 102861
Ion Ratio Lower Upper
164 100
166 126.7 101.7 152.5
129 94.2 76.9 115.3
131 92.5 74.9 112.3





#65

Chlorobenzene

Concen: 47.593 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

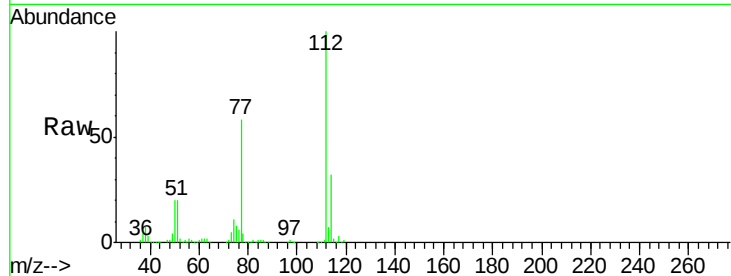
CKMW21MSD

Tgt Ion:112 Resp: 314676

Ion Ratio Lower Upper

112 100

114 31.9 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.12

200000

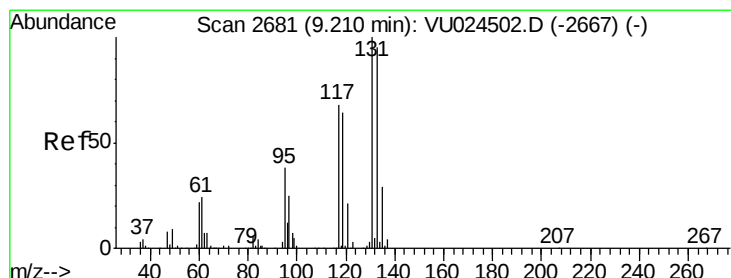
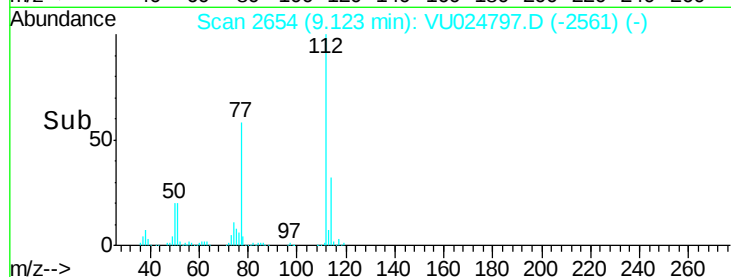
150000

100000

50000

0

Time--> 9.00 9.10 9.20 9.30



#66

1,1,1,2-Tetrachloroethane

Concen: 47.794 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

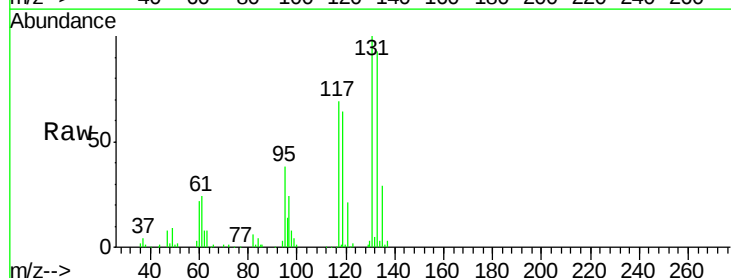
Tgt Ion:131 Resp: 120057

Ion Ratio Lower Upper

131 100

133 94.8 46.9 140.8

119 65.1 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

9.21

100000

80000

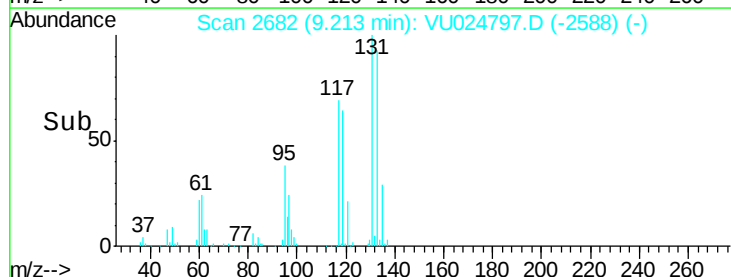
60000

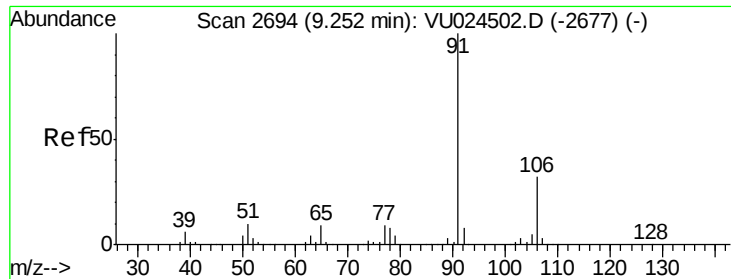
40000

20000

0

Time--> 9.15 9.20 9.25 9.30





#67

Ethyl Benzene

Concen: 46.769 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

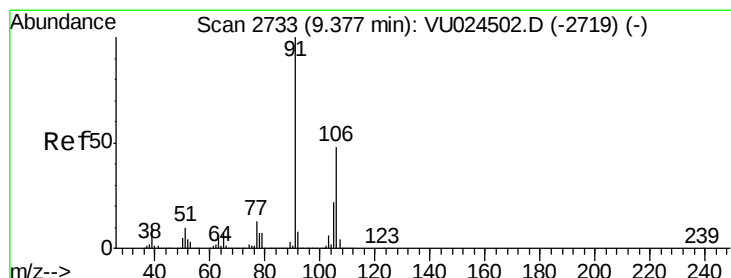
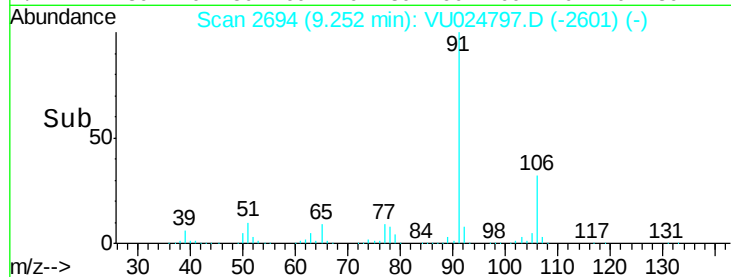
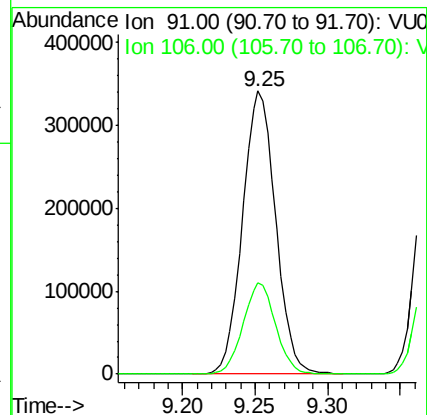
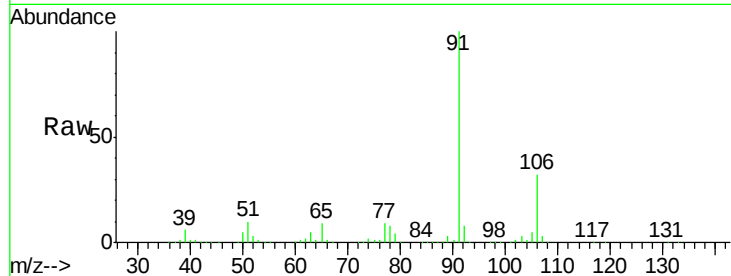
CKMW21MSD

Tgt Ion: 91 Resp: 542100

Ion Ratio Lower Upper

91 100

106 32.3 24.2 36.4



#68

m/p-Xylenes

Concen: 94.802 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU024797.D

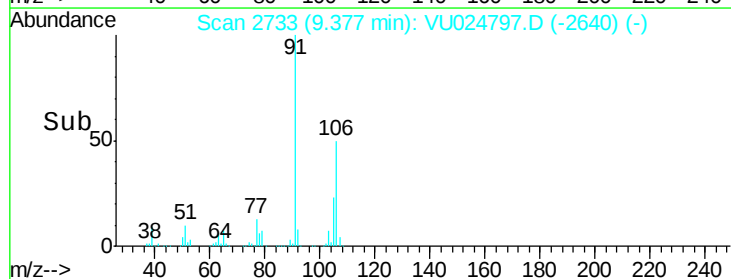
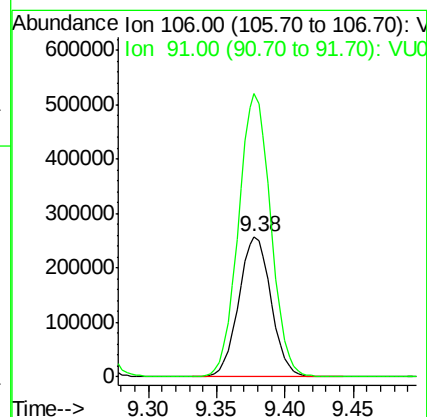
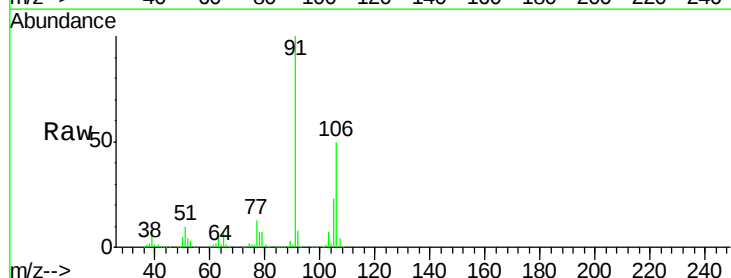
Acq: 21 Jun 2018 08:05

Tgt Ion: 106 Resp: 421960

Ion Ratio Lower Upper

106 100

91 202.6 166.5 249.7

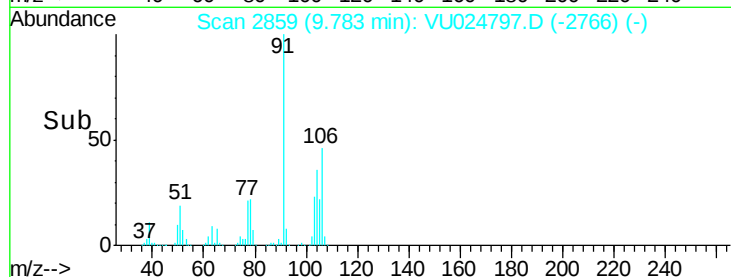
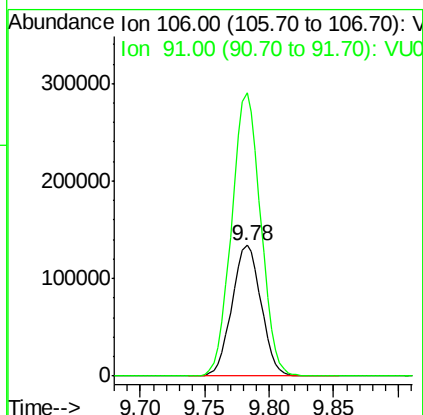
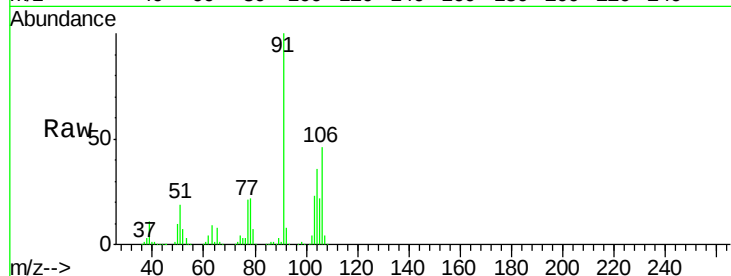




#69
o-Xylene
Concen: 47.917 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

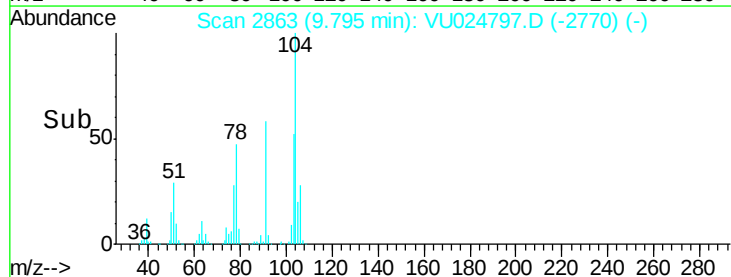
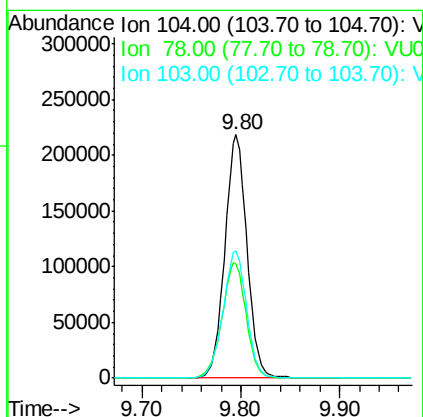
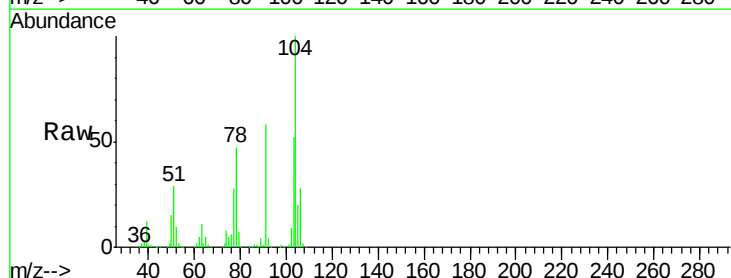
Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

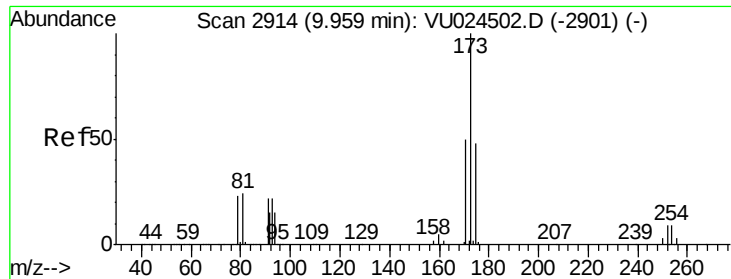
Tgt Ion:106 Resp: 211074
Ion Ratio Lower Upper
106 100
91 215.3 110.7 331.9



#70
Styrene
Concen: 47.558 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion:104 Resp: 344265
Ion Ratio Lower Upper
104 100
78 51.6 40.6 60.8
103 56.0 44.7 67.1





#71

Bromoform

Concen: 45.167 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

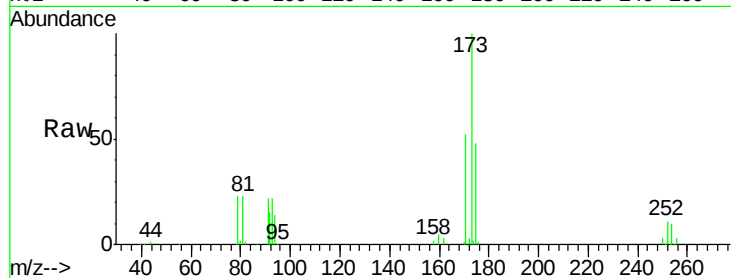
Tgt Ion:173 Resp: 107840

Ion Ratio Lower Upper

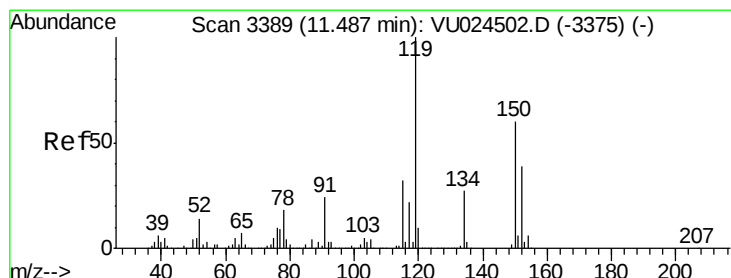
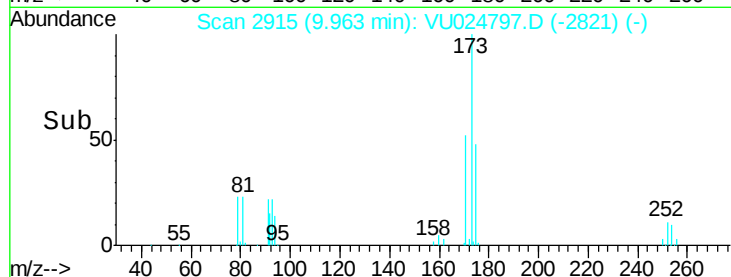
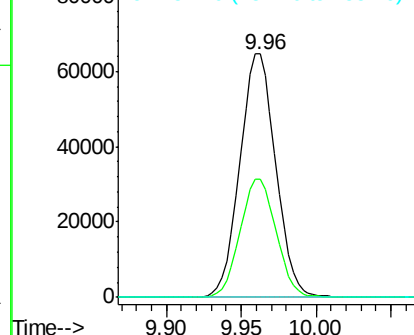
173 100

175 48.9 24.6 74.0

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: VU024797.D

Acq: 21 Jun 2018 08:05

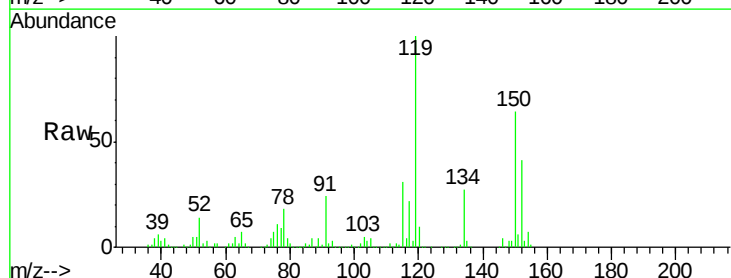
Tgt Ion:152 Resp: 155210

Ion Ratio Lower Upper

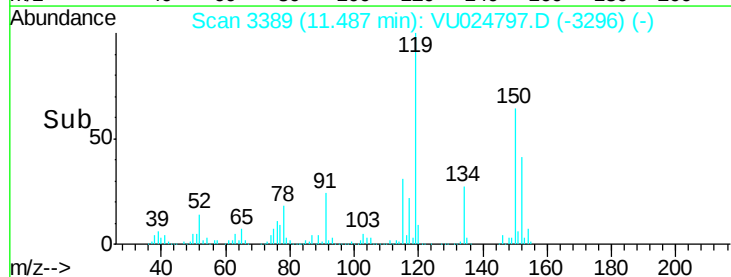
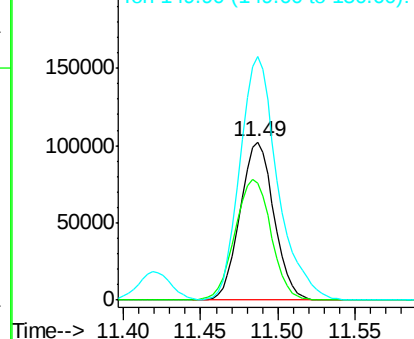
152 100

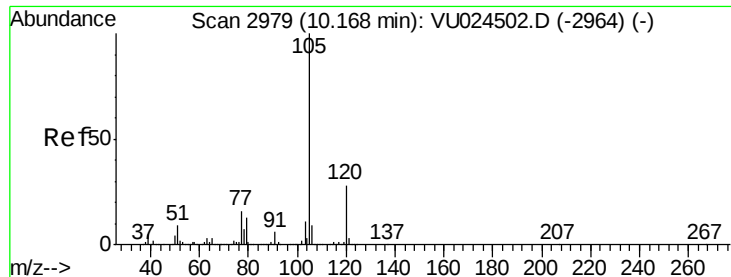
115 81.8 43.0 129.0

150 172.3 0.0 354.0



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: 47.586 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

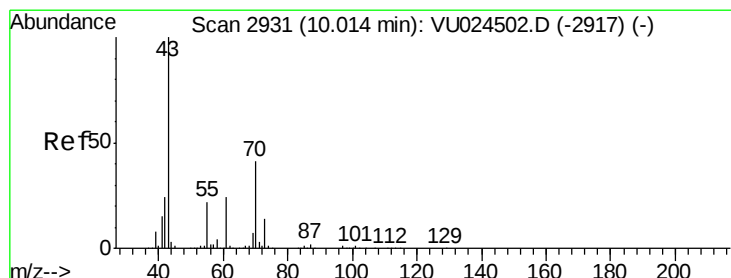
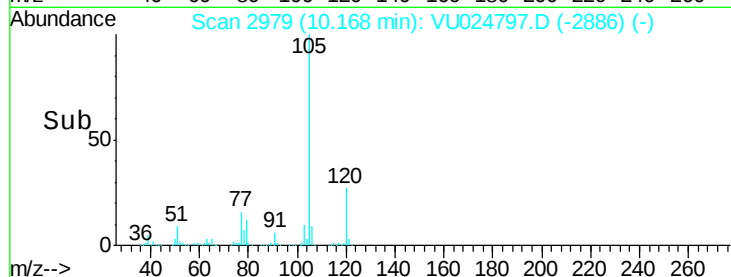
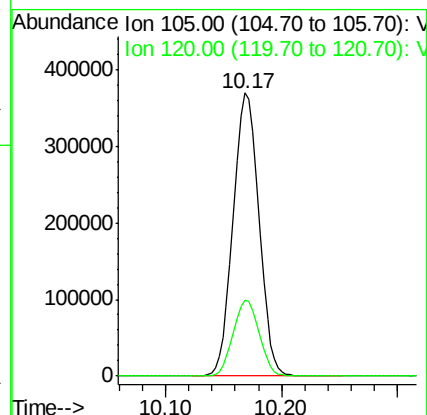
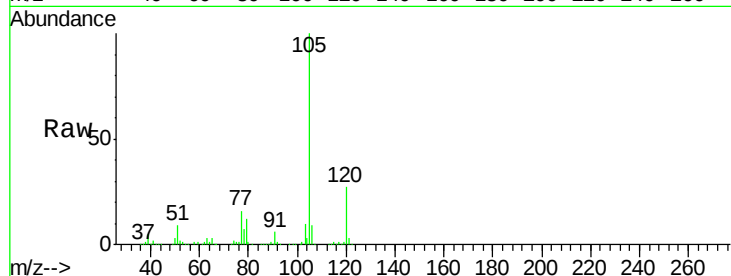
CKMW21MSD

Tgt Ion: 105 Resp: 567047

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.6



#74

N-ethyl acetate

Concen: 40.729 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Tgt Ion: 43 Resp: 230855

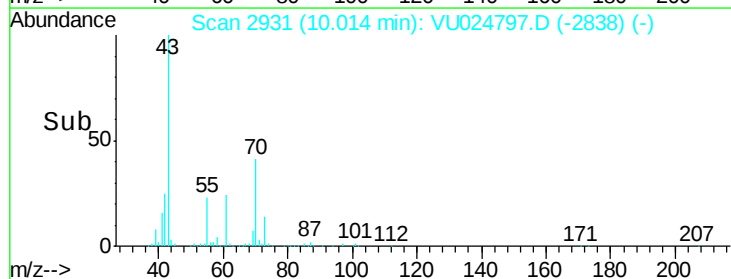
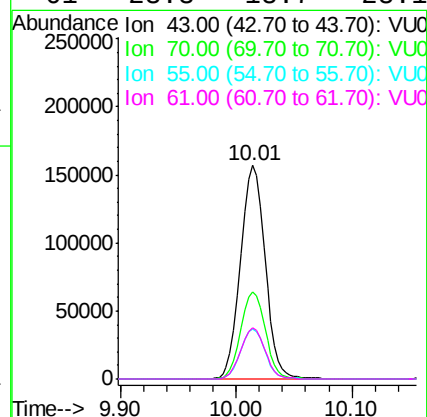
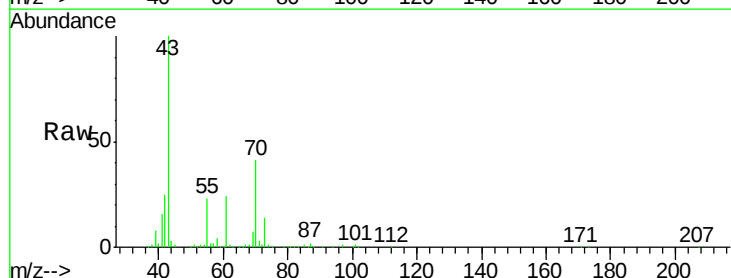
Ion Ratio Lower Upper

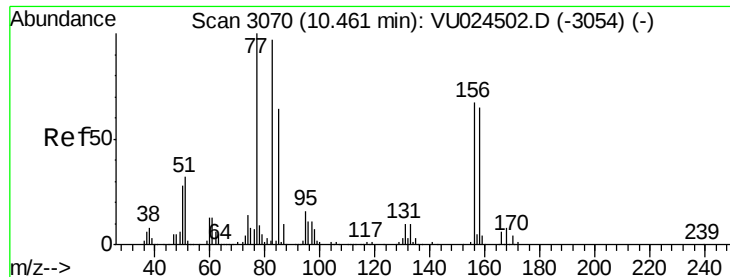
43 100

70 40.7 32.2 48.4

55 23.3 20.5 30.7

61 23.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.989 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

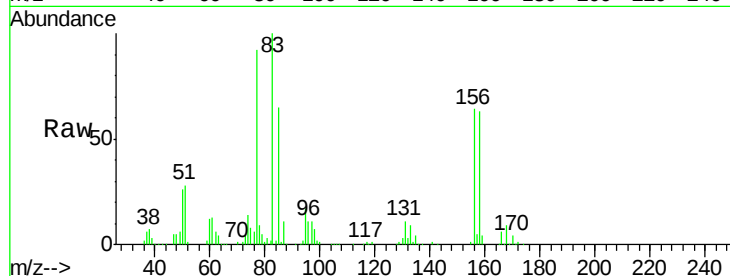
Tgt Ion: 83 Resp: 195623

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

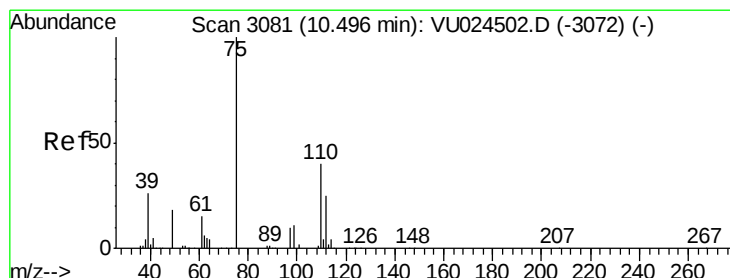
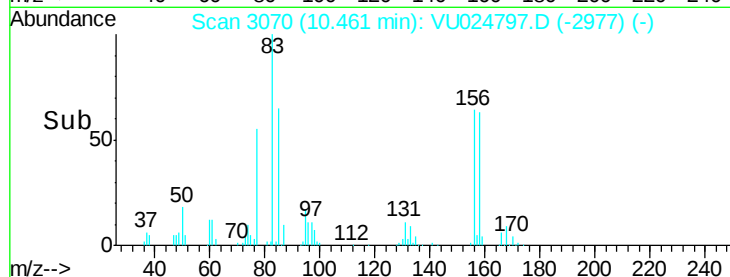
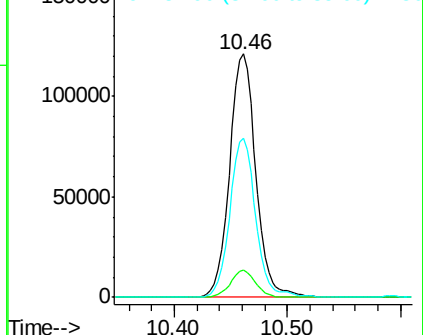
85 64.6 32.5 97.5



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: 62.589 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024797.D

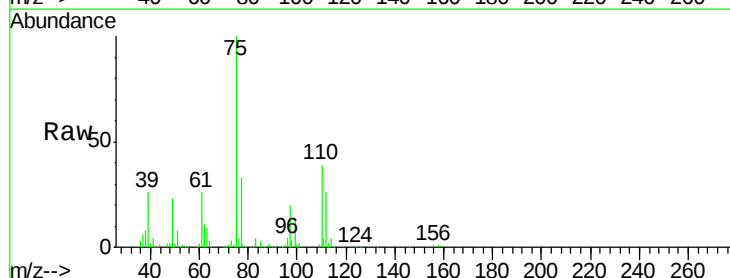
Acq: 21 Jun 2018 08:05

Tgt Ion: 75 Resp: 213876

Ion Ratio Lower Upper

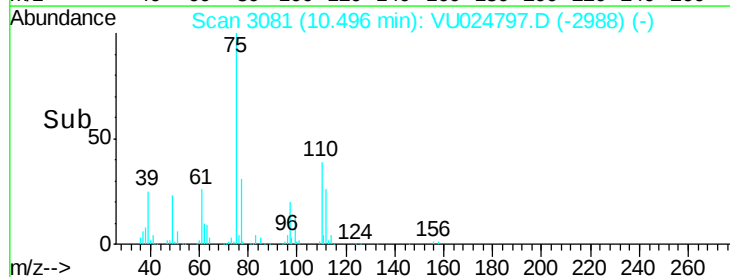
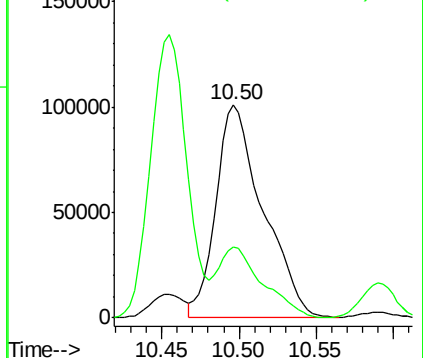
75 100

77 31.6 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 48.385 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

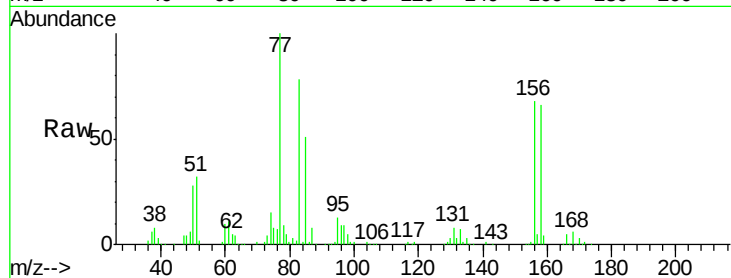
Tgt Ion:156 Resp: 145968

Ion Ratio Lower Upper

156 100

77 150.5 80.5 241.3

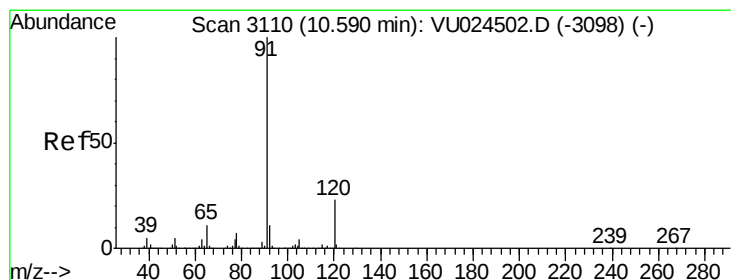
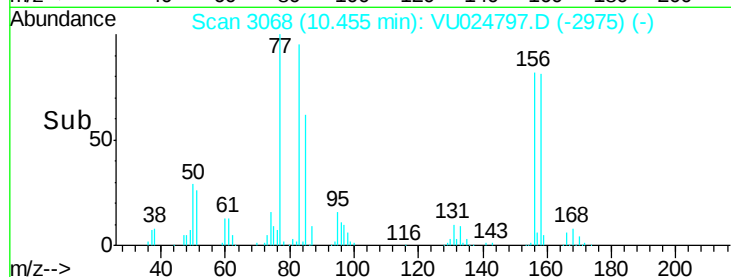
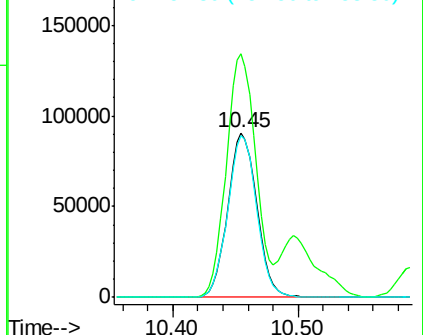
158 97.6 48.2 144.6



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: 45.521 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024797.D

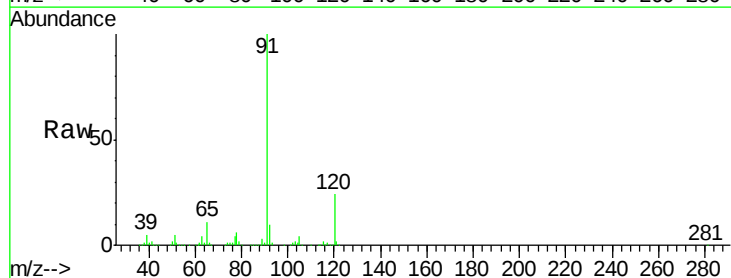
Acq: 21 Jun 2018 08:05

Tgt Ion: 91 Resp: 638994

Ion Ratio Lower Upper

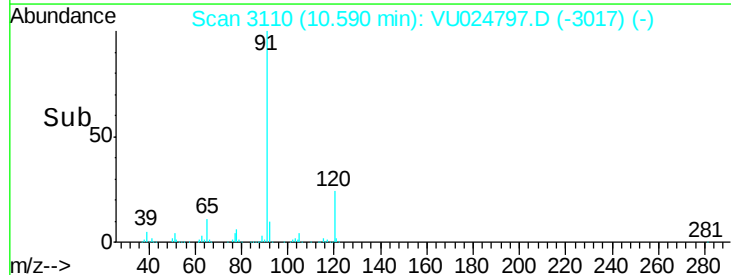
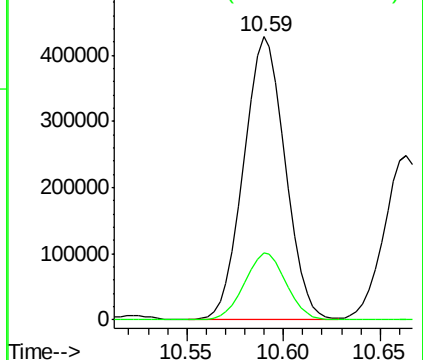
91 100

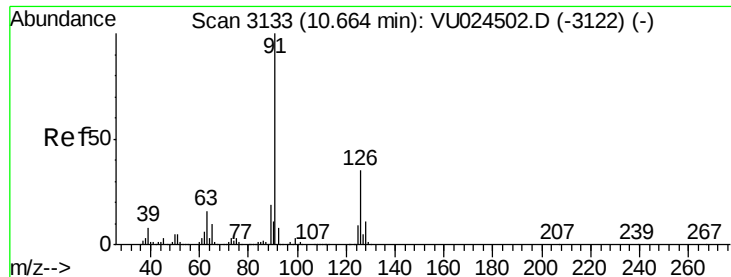
120 23.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.761 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

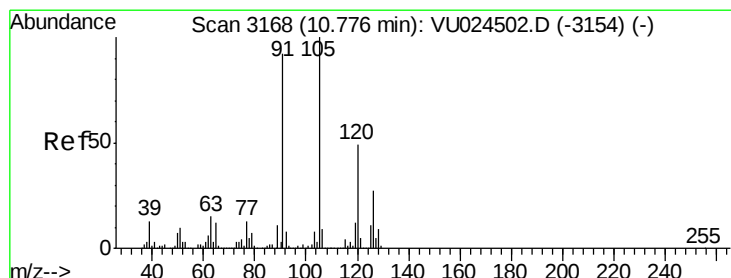
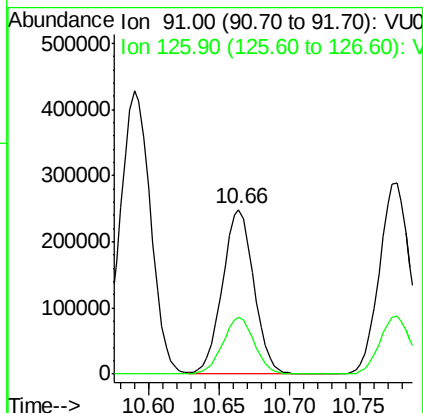
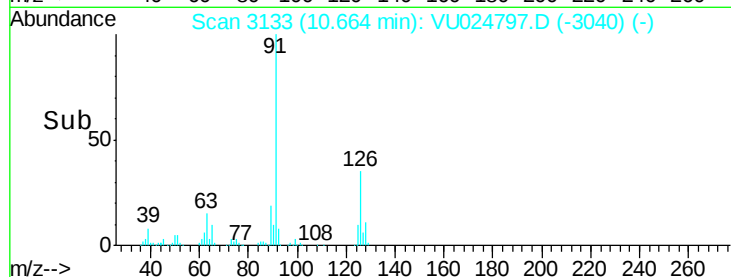
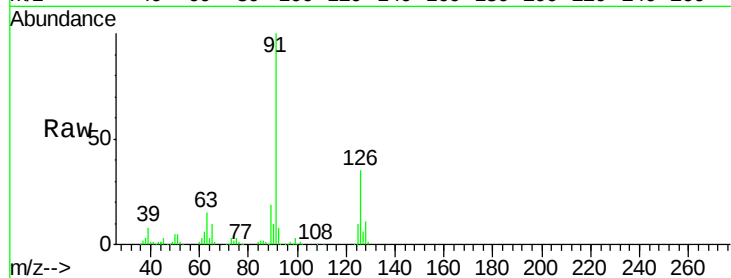
CKMW21MSD

Tgt Ion: 91 Resp: 387088

Ion Ratio Lower Upper

91 100

126 34.5 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 47.451 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024797.D

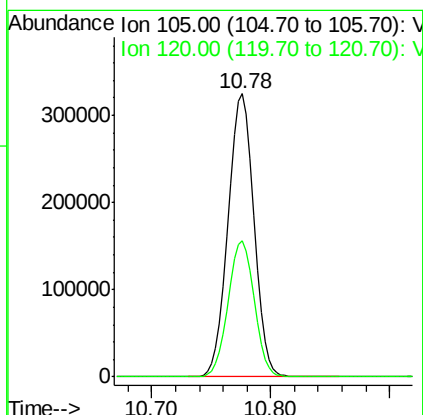
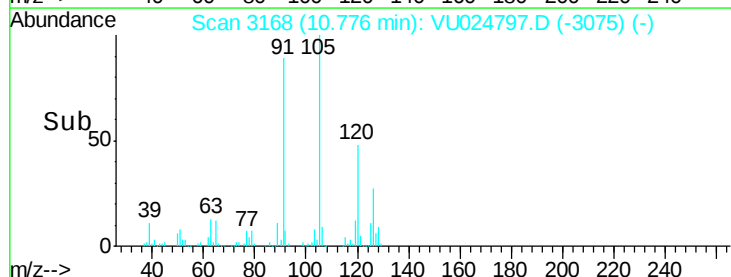
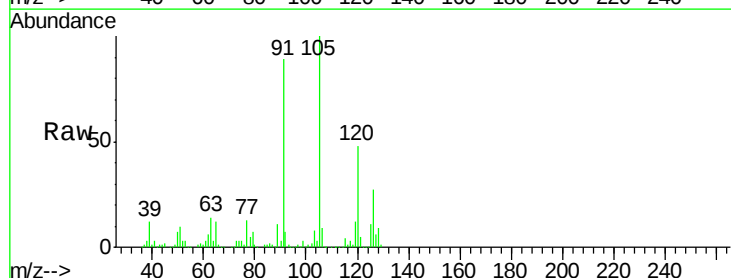
Acq: 21 Jun 2018 08:05

Tgt Ion: 105 Resp: 490096

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2

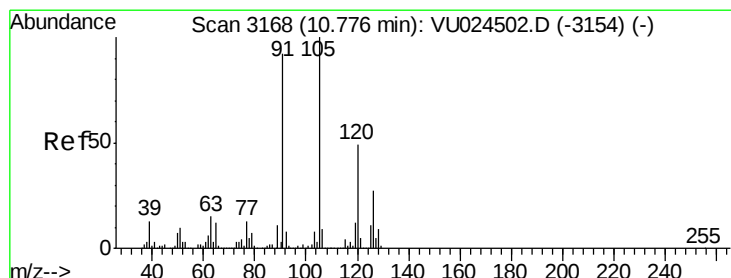
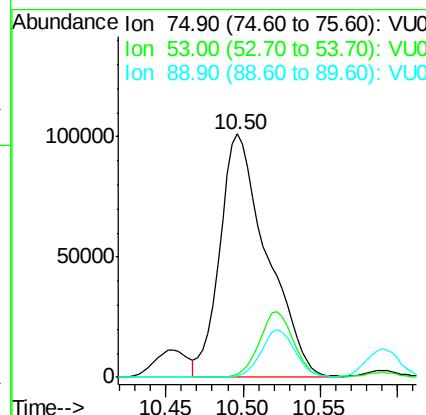
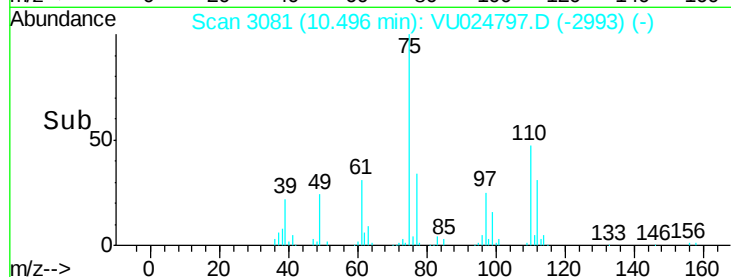
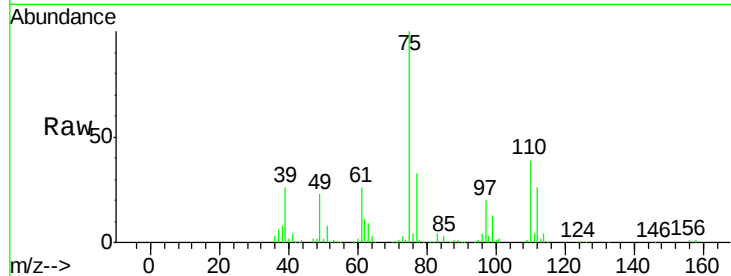




#81
trans-1,4-Dichloro-2-butene
Concen: 144.857 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

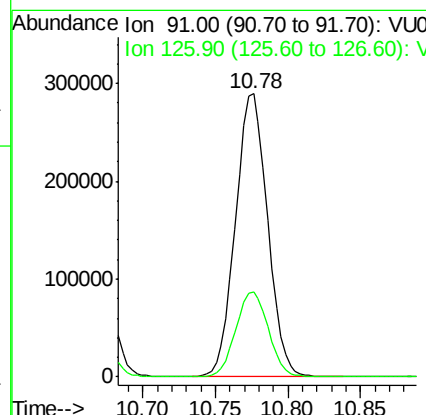
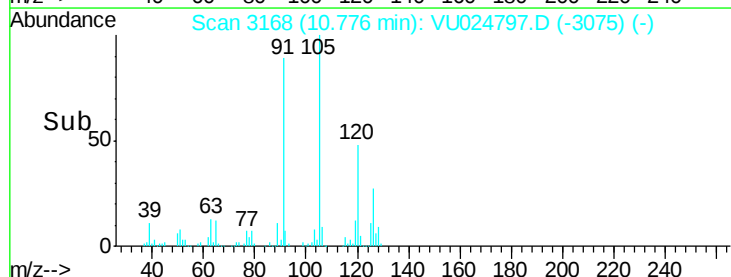
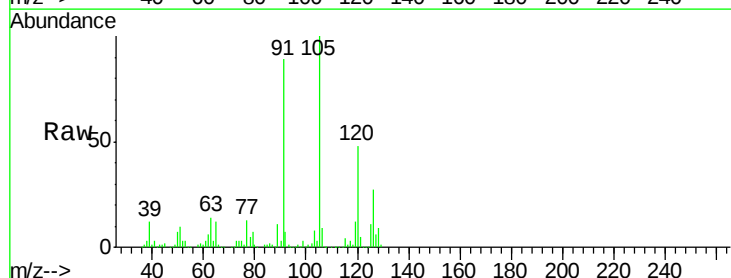
Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tgt Ion: 75 Resp: 213876
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 46.176 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion: 91 Resp: 444898
Ion Ratio Lower Upper
91 100
126 30.5 14.9 44.9

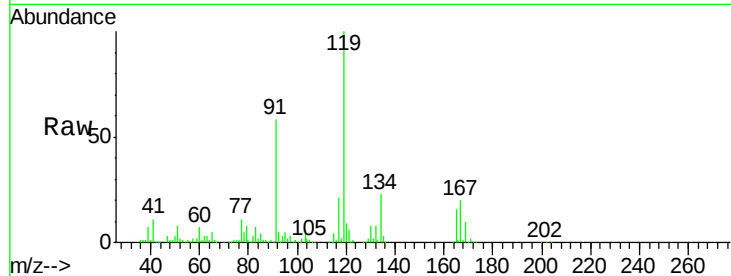




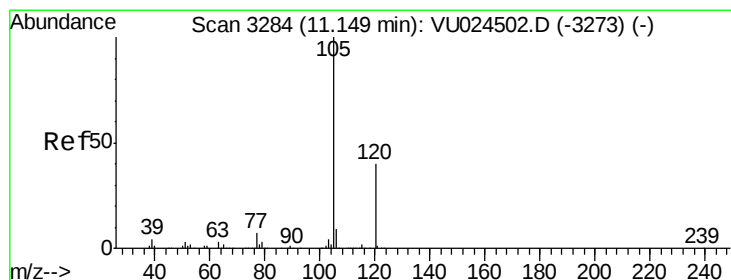
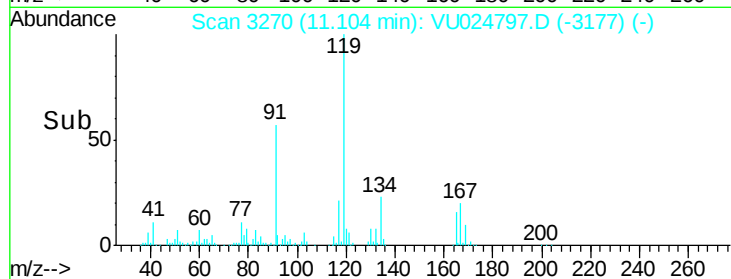
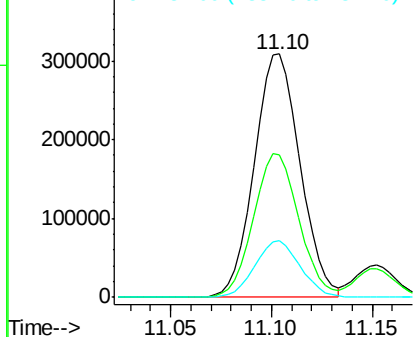
#83
tert-Butylbenzene
Concen: 49.311 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
CKMW21MSD

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.7	89.1
134	22.9	11.6	34.7

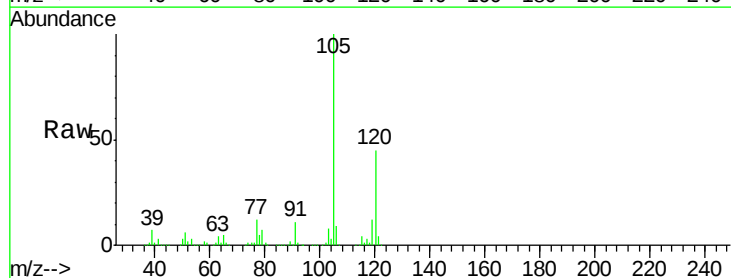


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

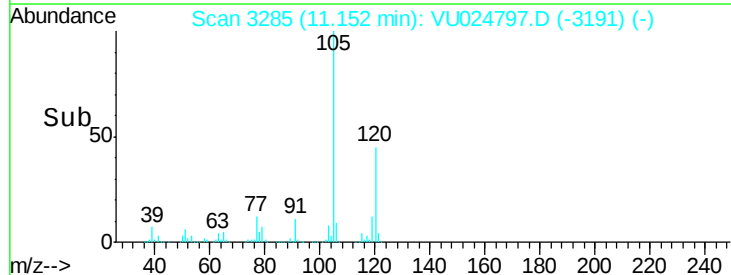
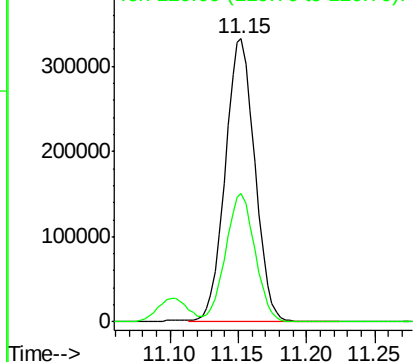


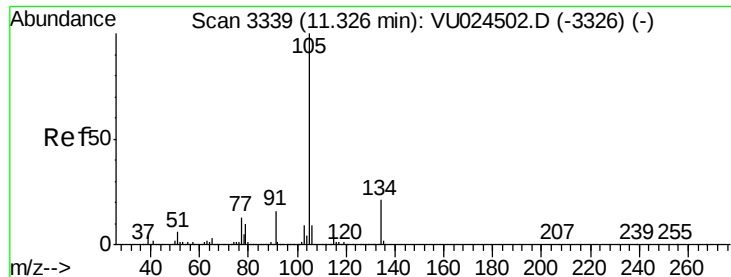
#84
1,2,4-Trimethylbenzene
Concen: 47.479 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024797.D
Acq: 21 Jun 2018 08:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.8



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

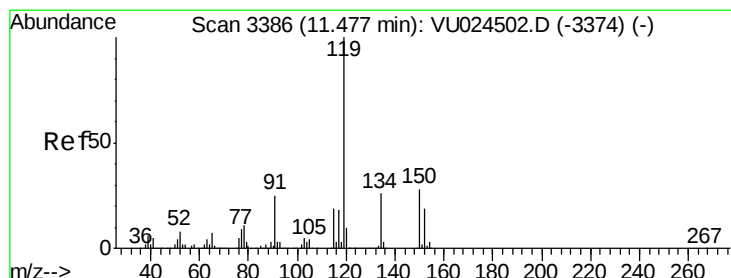
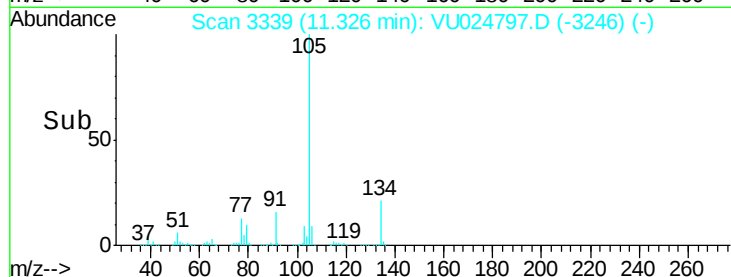
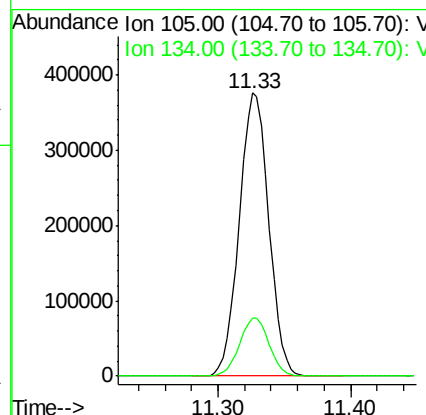
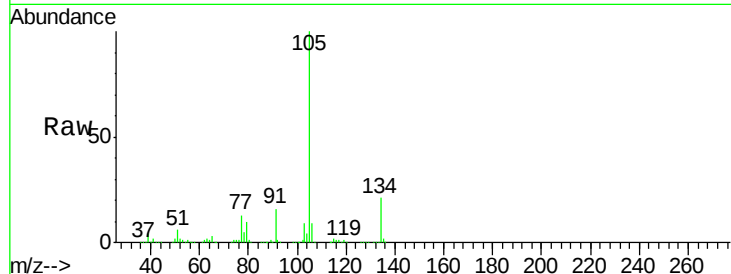




#85
 sec-Butylbenzene
 Concen: 46.637 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

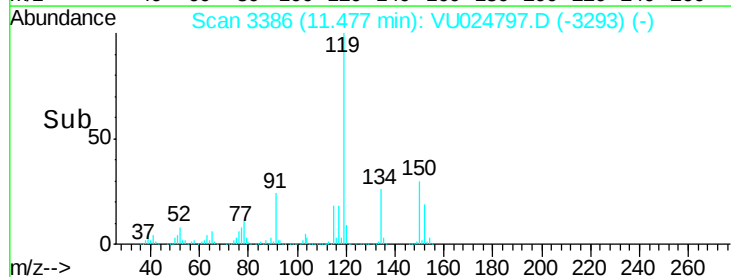
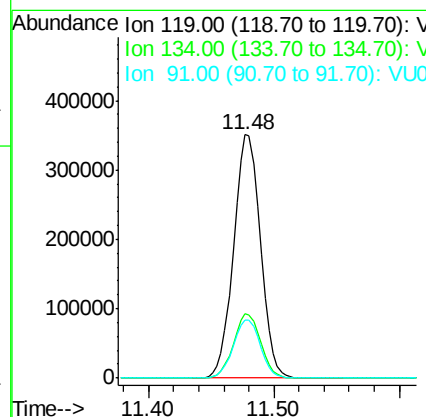
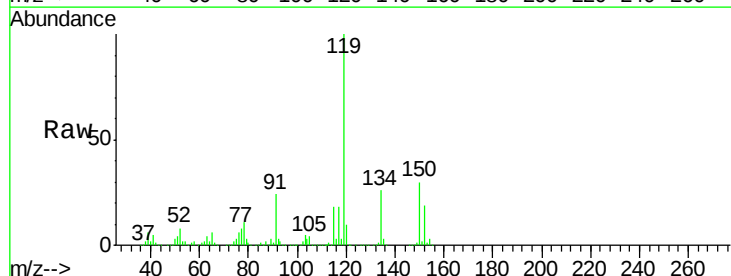
Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tgt Ion:105 Resp: 579990
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 46.660 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion:119 Resp: 519704
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.6
 91 24.2 12.0 36.1

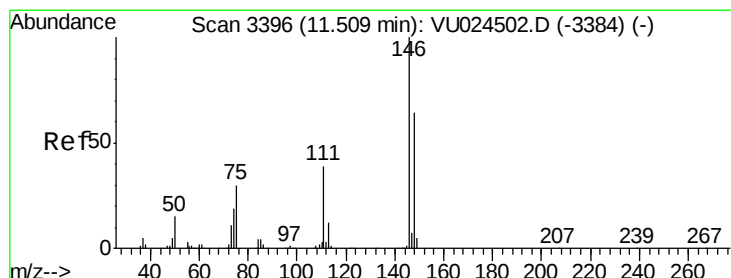
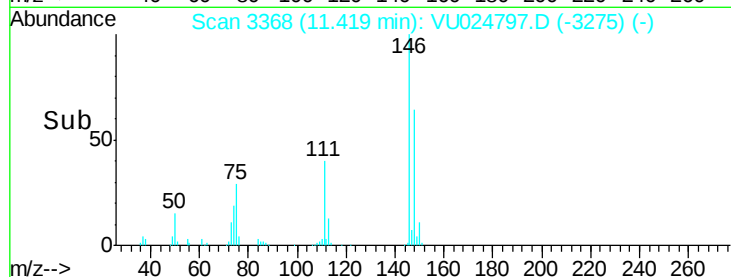
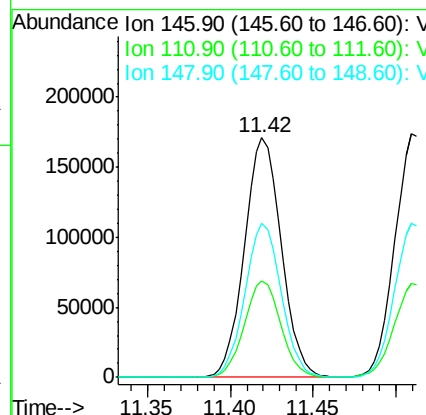
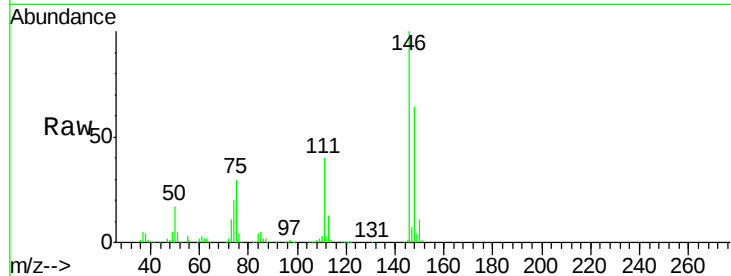




#87
 1,3-Dichlorobenzene
 Concen: 47.410 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

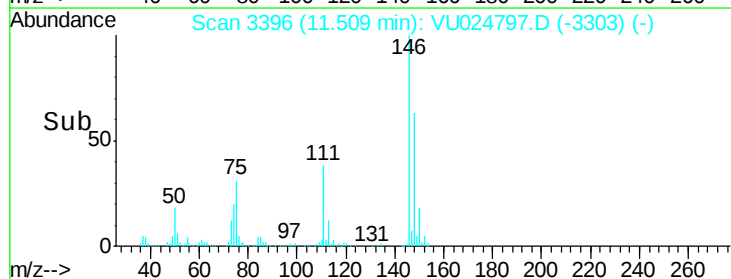
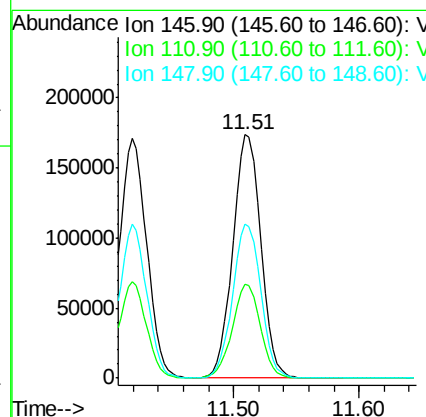
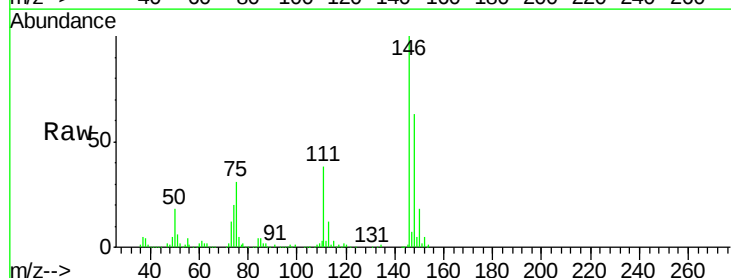
Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Tgt Ion:146 Resp: 264244
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 63.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.973 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion:146 Resp: 269121
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.5 58.5
 148 63.9 32.4 97.0





#89

n-Butylbenzene

Concen: 43.419 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

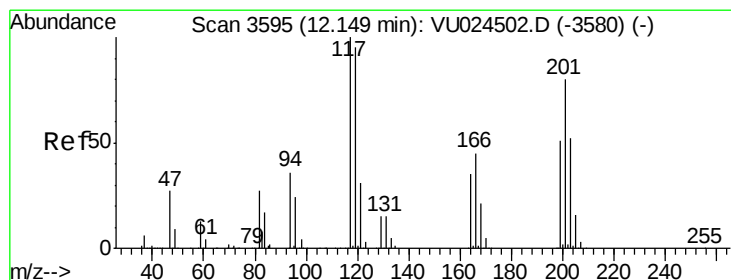
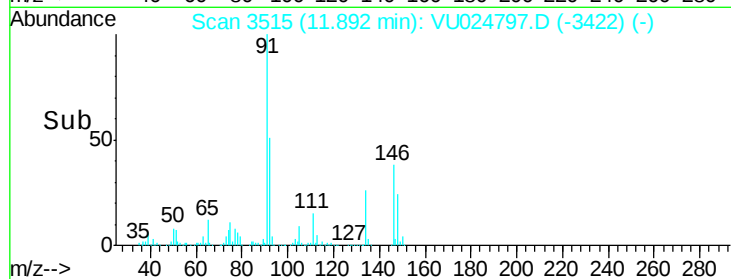
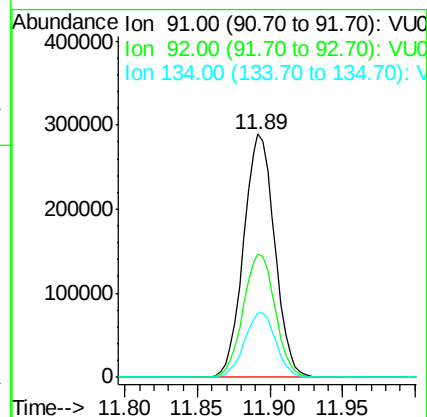
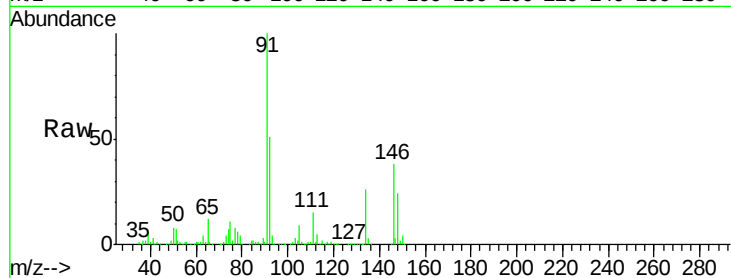
Tgt Ion: 91 Resp: 429353

Ion Ratio Lower Upper

91 100

92 52.2 25.6 76.8

134 26.8 12.3 36.8



#90

Hexachloroethane

Concen: 43.219 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU024797.D

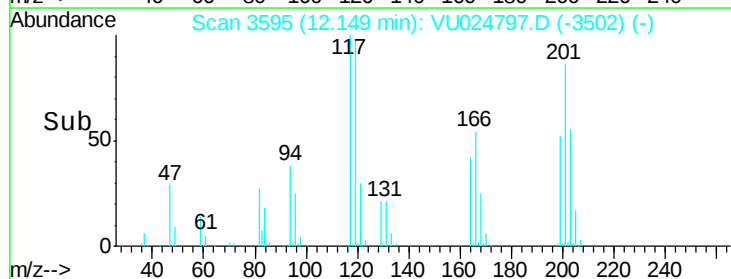
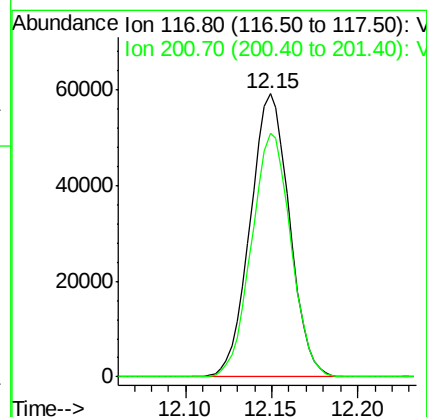
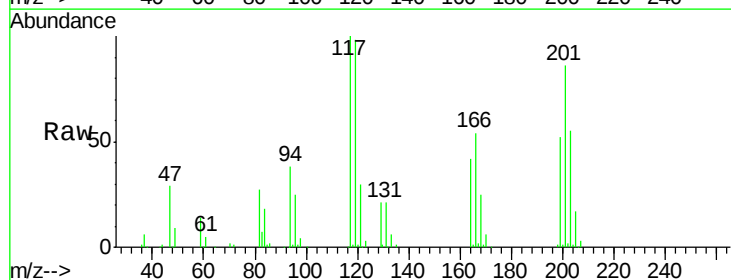
Acq: 21 Jun 2018 08:05

Tgt Ion: 117 Resp: 93906

Ion Ratio Lower Upper

117 100

201 86.1 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 48.979 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

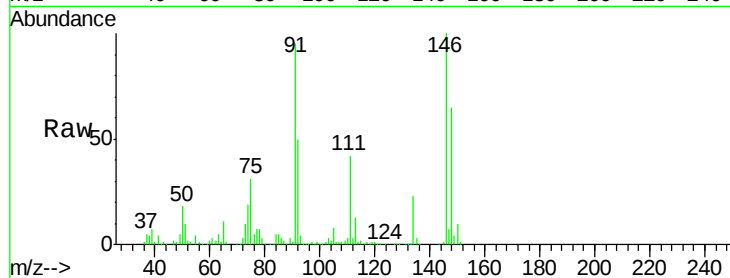
Tgt Ion:146 Resp: 273431

Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.6

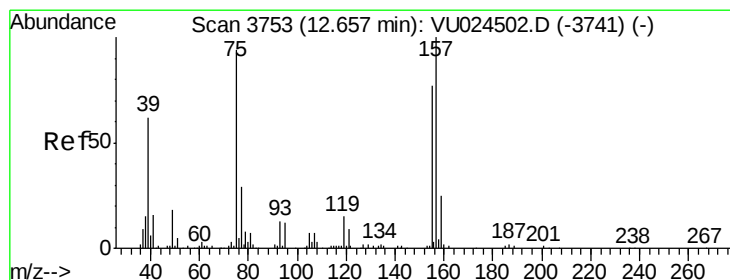
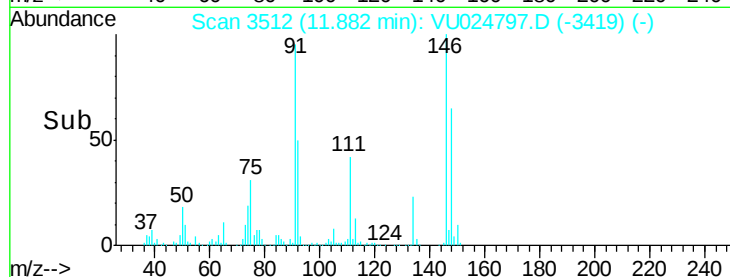
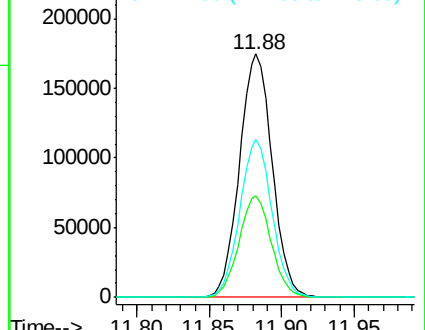
148 64.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.712 ug/l

RT: 12.66 min Scan# 3753

Delta R.T. -0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

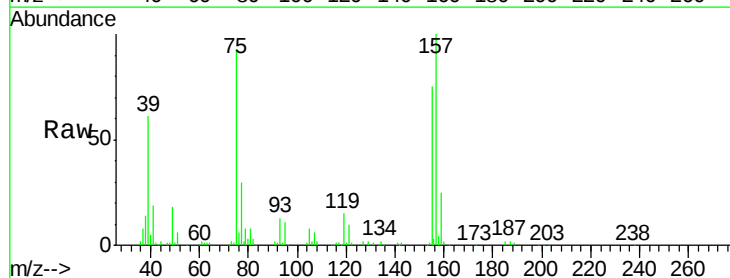
Tgt Ion: 75 Resp: 52571

Ion Ratio Lower Upper

75 100

155 83.2 40.4 121.2

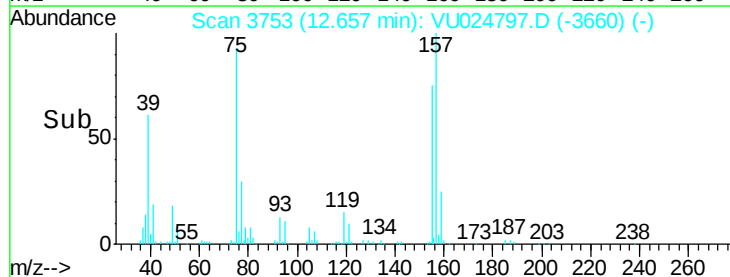
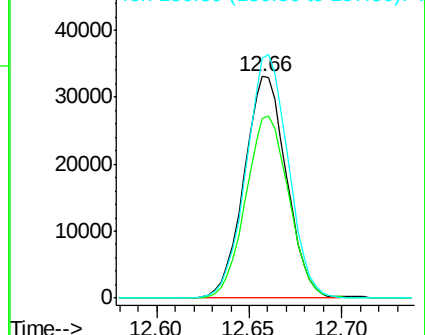
157 108.6 52.3 156.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

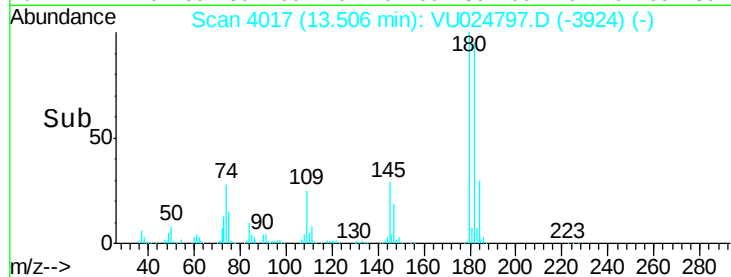
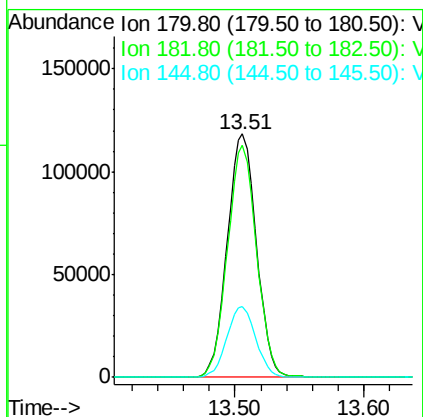
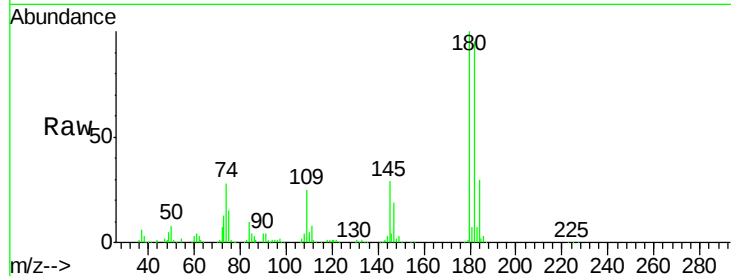




#93
 1,2,4-Trichlorobenzene
 Concen: 53.964 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

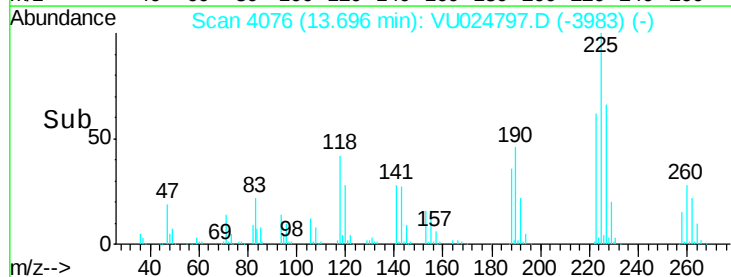
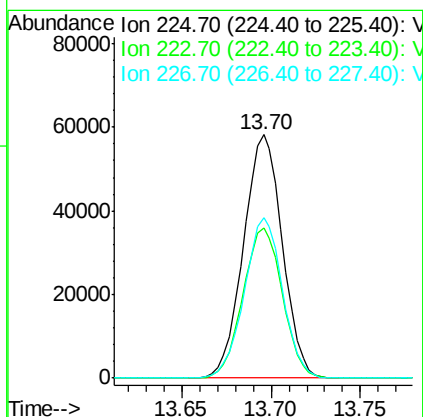
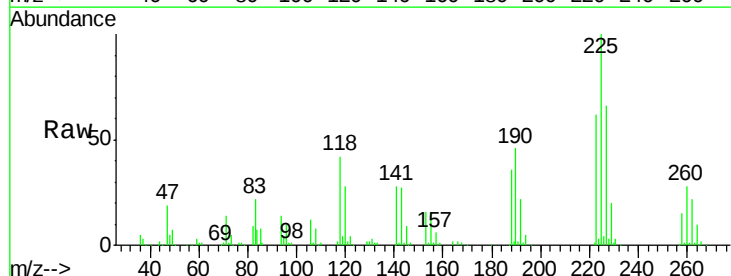
Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

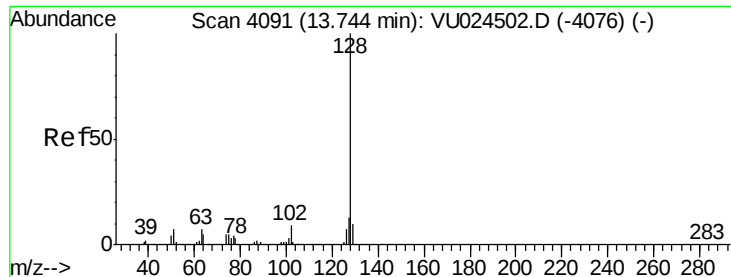
Tgt Ion:180 Resp: 186036
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.0 144.2
 145 29.0 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 45.499 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024797.D
 Acq: 21 Jun 2018 08:05

Tgt Ion:225 Resp: 88285
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.8
 227 64.6 31.8 95.4





#95

Naphthalene

Concen: 53.928 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

Instrument :

MSVOA_U

ClientSampleId :

CKMW21MSD

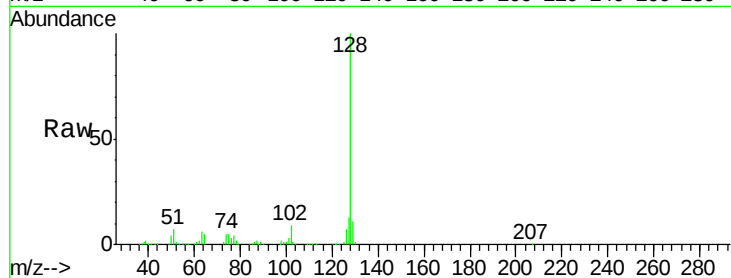
Tgt Ion:128 Resp: 616078

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

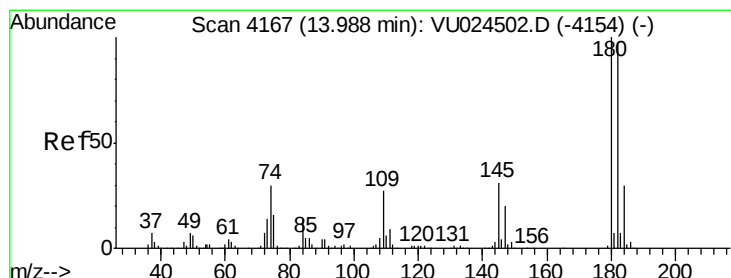
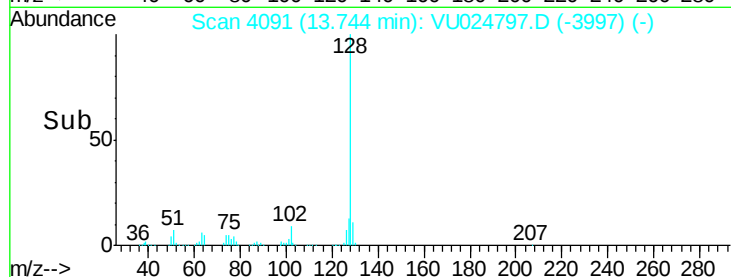
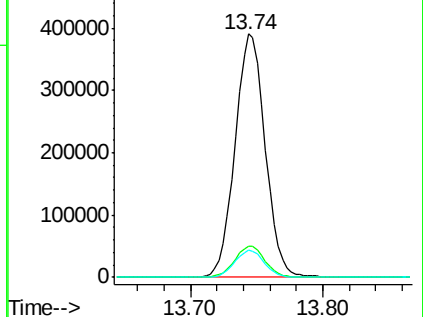
129 11.0 8.6 12.8



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: 55.933 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024797.D

Acq: 21 Jun 2018 08:05

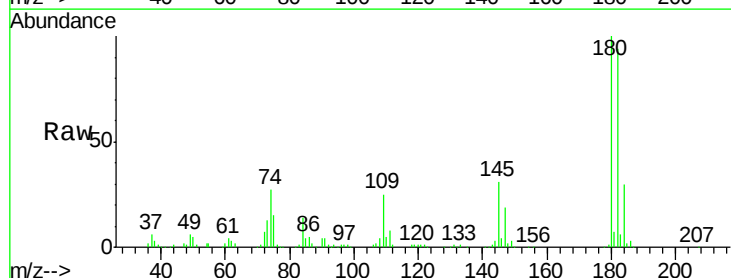
Tgt Ion:180 Resp: 192135

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.7

145 31.9 15.4 46.1



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

