

Data File : VU025904.D
Acq On : 06 Aug 2018 22:23
Operator : MD/SY
Sample : J4263-13MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0519MSD

Quant Time: Aug 07 01:06:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	182214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	274482	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	270206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	168338	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	140633	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	4.89	113	115916	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	7.57	98	411506	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	10.31	95	157821	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	104255	37.856	ug/l	99
3) Chloromethane	1.33	50	103559	39.342	ug/l	99
4) Vinyl Chloride	1.40	62	114335	46.155	ug/l	97
5) Bromomethane	1.63	94	59993	49.585	ug/l	100
6) Chloroethane	1.70	64	71095	49.083	ug/l	99
7) Trichlorofluoromethane	1.89	101	170388	47.574	ug/l	99
8) Diethyl Ether	2.10	74	62803	48.463	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	99628	48.067	ug/l	99
10) Methyl Iodide	2.41	142	85562	45.246	ug/l	99
11) Tert butyl alcohol	2.83	59	144461	232.407	ug/l	99
12) 1,1-Dichloroethene	2.28	96	96035	49.086	ug/l	95
13) Acrolein	2.19	56	91564	408.038	ug/l	99
14) Allyl chloride	2.59	41	164153	46.689	ug/l	99
15) Acrylonitrile	2.94	53	330255	266.110	ug/l	98
16) Acetone	2.32	43	368536	266.250	ug/l	98
17) Carbon Disulfide	2.48	76	306219	48.362	ug/l	99
18) Methyl Acetate	2.62	43	146340	43.926	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	371533	52.404	ug/l #	89
20) Methylene Chloride	2.70	84	117012	47.700	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	112199	49.610	ug/l	99
22) Diisopropyl ether	3.58	45	359560	51.897	ug/l	94
23) Vinyl Acetate	3.53	43	1551062	256.886	ug/l	100
24) 1,1-Dichloroethane	3.45	63	212722	51.147	ug/l	99
25) 2-Butanone	4.27	43	584122	310.003	ug/l	100
26) 2,2-Dichloropropane	4.23	77	160548	42.470	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	129208	50.673	ug/l	96
28) Bromochloromethane	4.55	49	92504	49.746	ug/l	99
29) Tetrahydrofuran	4.64	42	294749	261.100	ug/l	99
30) Chloroform	4.68	83	219048	49.897	ug/l	98
31) Cyclohexane	5.00	56	187804	51.965	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	201761	51.048	ug/l	99
36) 1,1-Dichloropropene	5.14	75	162146	50.548	ug/l	98
37) Ethyl Acetate	4.38	43	168519	50.665	ug/l	99
38) Carbon Tetrachloride	5.14	117	182854	50.328	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	182295	49.599	ug/l	98
40) Benzene	5.39	78	477413	50.916	ug/l	98
41) Methacrylonitrile	4.54	41	98034	53.066	ug/l	98
42) 1,2-Dichloroethane	5.41	62	182099	50.436	ug/l	100
43) Isopropyl Acetate	5.55	43	279892	50.923	ug/l	99
44) Trichloroethene	6.19	130	129548	49.612	ug/l	100
45) 1,2-Dichloropropane	6.44	63	124268	50.817	ug/l	97
46) Dibromomethane	6.56	93	89966	50.774	ug/l	100
47) Bromodichloromethane	6.76	83	172495	51.035	ug/l	96
48) Methyl methacrylate	6.63	41	141304	52.454	ug/l	97
49) 1,4-Dioxane	6.62	88	59459	907.024	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	1126269	327.301	ug/l	100
52) Toluene	7.64	92	300508	51.588	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	193116	50.886	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	195379	50.118	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	127571	52.698	ug/l	98
56) Ethyl methacrylate	8.02	69	188025	54.361	ug/l	97
57) 1,3-Dichloropropane	8.25	76	208176	51.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	40	7.101	ug/l #	47
59) 2-Hexanone	8.36	43	872169	323.339	ug/l	98
60) Dibromochloromethane	8.48	129	146934	51.470	ug/l	100
61) 1,2-Dibromoethane	8.59	107	137712	51.151	ug/l	100
64) Tetrachloroethene	8.23	164	112198	47.175	ug/l	97
65) Chlorobenzene	9.12	112	346313	49.711	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	129066	51.213	ug/l	98
67) Ethyl Benzene	9.25	91	1147348	99.426	ug/l	100
68) m/p-Xylenes	9.38	106	677516	152.928	ug/l	99
69) o-Xylene	9.78	106	227365	52.511	ug/l	100
70) Styrene	9.80	104	369633	52.851	ug/l	98
71) Bromoform	9.96	173	114860	52.562	ug/l #	98
73) Isopropylbenzene	10.17	105	651038	56.664	ug/l	100
74) N-amyl acetate	10.01	43	245560	52.353	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	200262	50.403	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	230699	62.199	ug/l	81
77) Bromobenzene	10.45	156	162988	51.430	ug/l	97
78) n-propylbenzene	10.59	91	795111	59.292	ug/l	99
79) 2-Chlorotoluene	10.66	91	399300	50.837	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	602760	61.773	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	230699	155.965	ug/l #	100
82) 4-Chlorotoluene	10.78	91	497403	53.723	ug/l	99
83) tert-Butylbenzene	11.10	119	504938	52.083	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	1235845	124.984	ug/l	98
85) sec-Butylbenzene	11.33	105	615657	52.013	ug/l	100
86) p-Isopropyltoluene	11.48	119	555506	52.412	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	294093	49.996	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	301876	49.231	ug/l	99
89) n-Butylbenzene	11.89	91	493758	50.483	ug/l	97
90) Hexachloroethane	12.15	117	104492	55.450	ug/l	89
91) 1,2-Dichlorobenzene	11.88	146	291735	50.597	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51109	54.259	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Quantitation Report (Not Reviewed)

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Sample : J4263-13MSD
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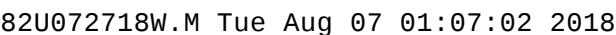
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MSD

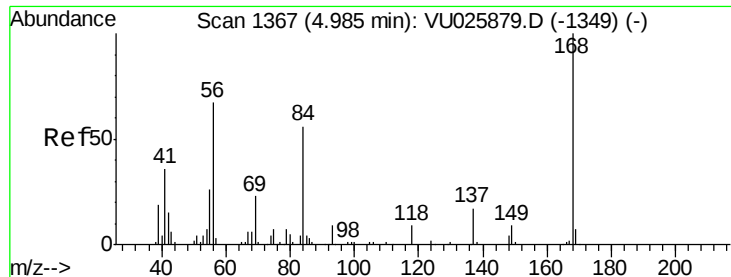
Quant Time: Aug 07 01:06:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	208148	53.488	ug/l	99
94) Hexachlorobutadiene	13.70	225	87381	42.597	ug/l	100
95) Naphthalene	13.74	128	733642	58.475	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	210727	54.283	ug/l	97

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

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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: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

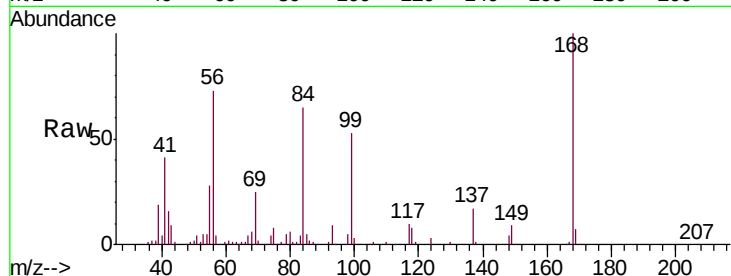
FL-0519MSD

Tgt Ion:168 Resp: 182214

Ion Ratio Lower Upper

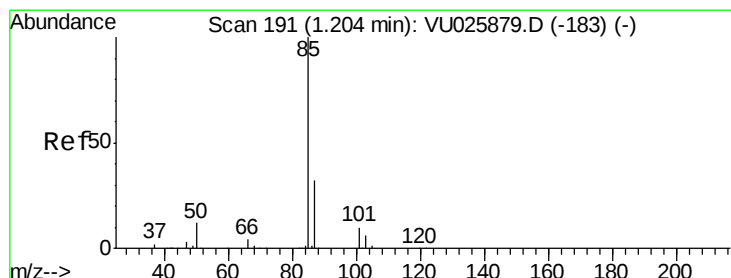
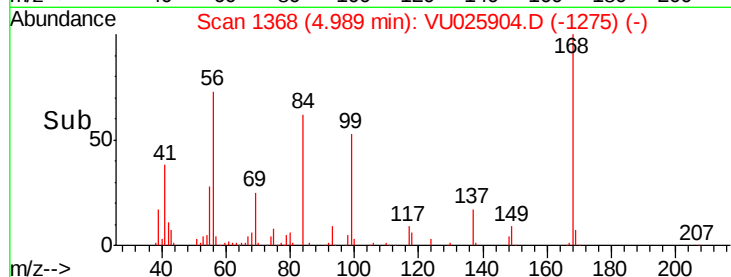
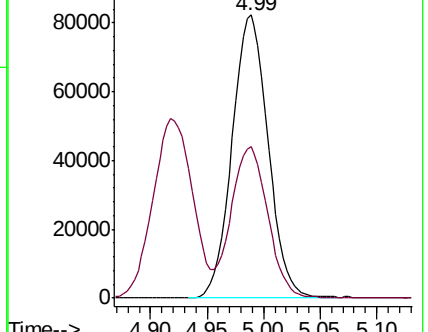
168 100

99 53.2 42.8 64.2



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

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



#2

Dichlorodifluoromethane

Concen: 37.856 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025904.D

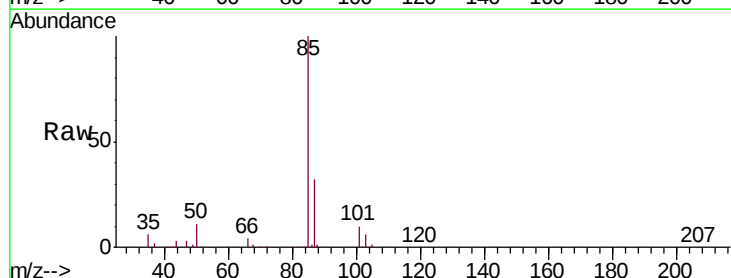
Acq: 06 Aug 2018 22:23

Tgt Ion: 85 Resp: 104255

Ion Ratio Lower Upper

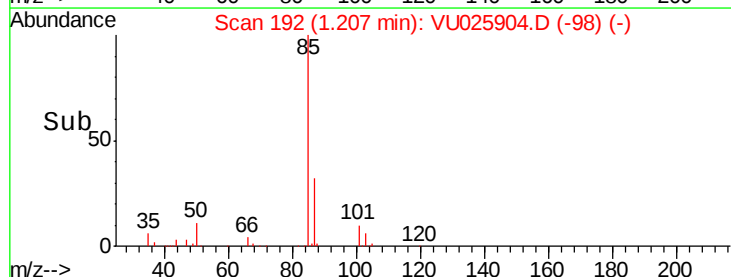
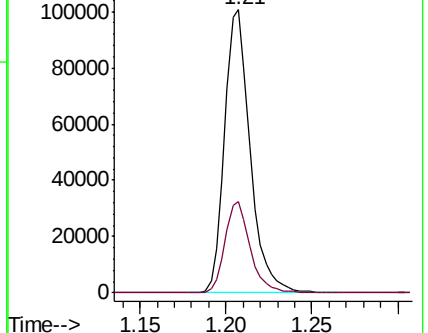
85 100

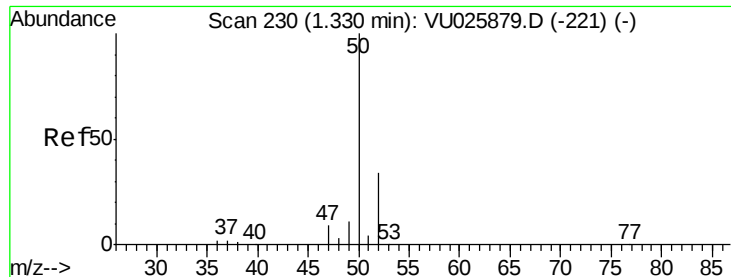
87 32.4 16.5 49.5



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

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





#3

Chloromethane

Concen: 39.342 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

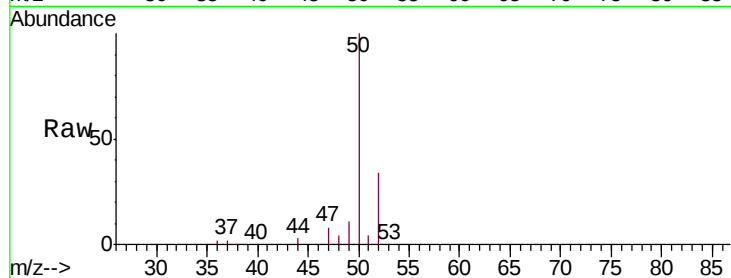
FL-0519MSD

Tgt Ion: 50 Resp: 103559

Ion Ratio Lower Upper

50 100

52 33.8 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU025879.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU025904.D (-137) (-)

1.33

100000

80000

60000

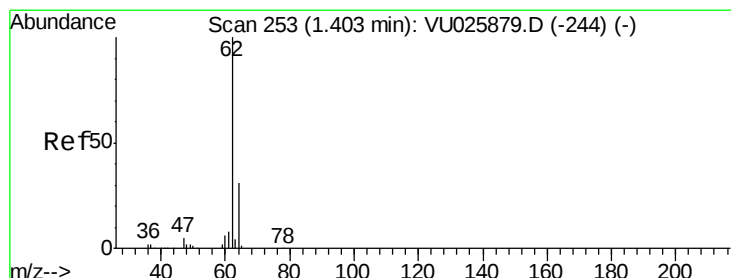
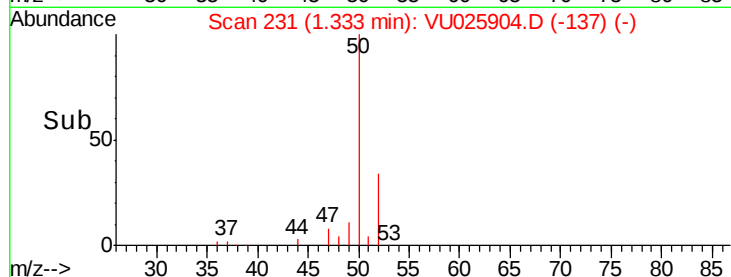
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 46.155 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025904.D

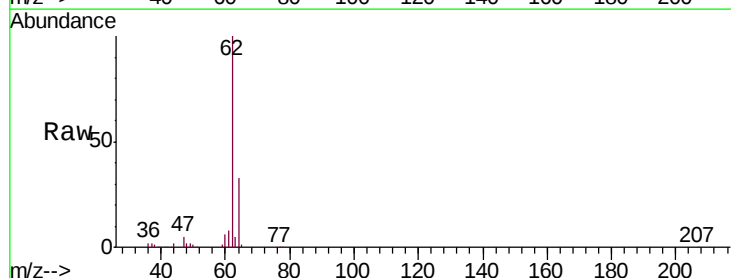
Acq: 06 Aug 2018 22:23

Tgt Ion: 62 Resp: 114335

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU025879.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU025904.D (-160) (-)

1.40

120000

100000

80000

60000

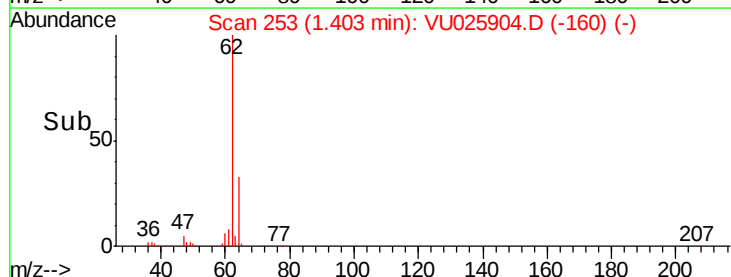
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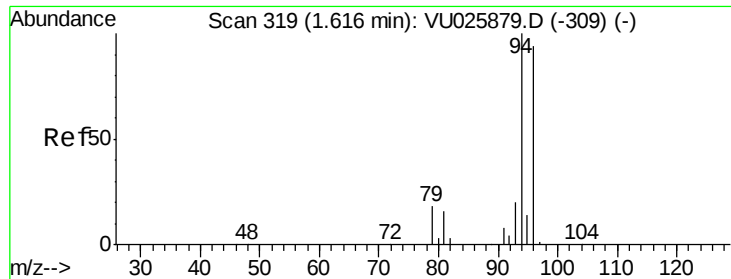
20000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 49.585 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

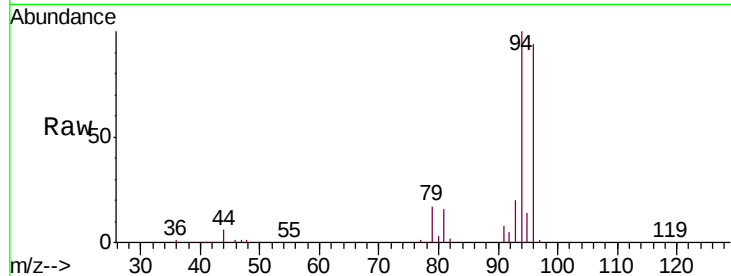
FL-0519MSD

Tgt Ion: 94 Resp: 59993

Ion Ratio Lower Upper

94 100

96 93.7 75.0 112.4

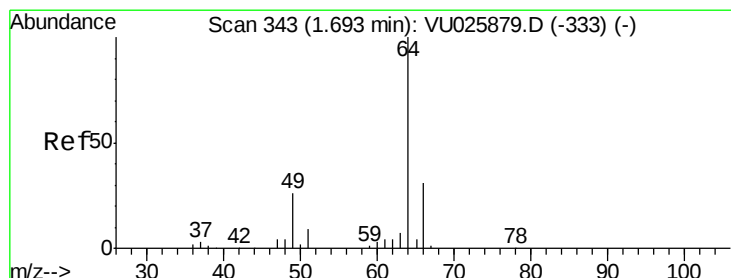
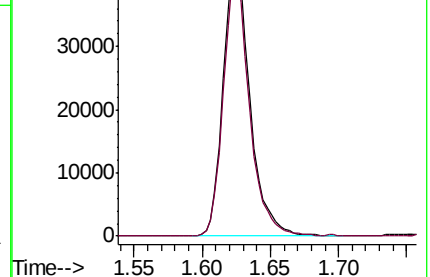
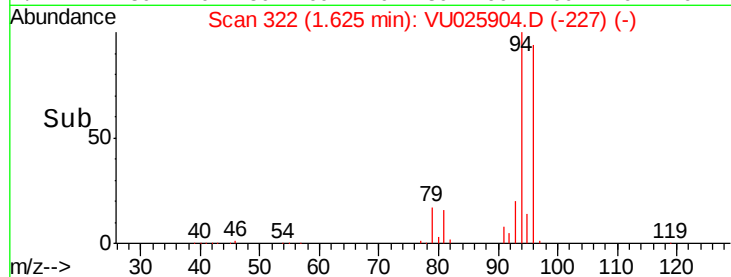


Abundance Ion 93.90 (93.60 to 94.60): VU025879.D (-309) (-)

Ion 95.90 (95.60 to 96.60): VU025879.D (-309) (-)

1.63

Time-->



#6

Chloroethane

Concen: 49.083 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025904.D

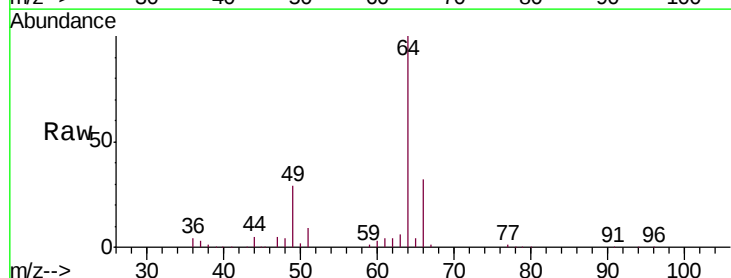
Acq: 06 Aug 2018 22:23

Tgt Ion: 64 Resp: 71095

Ion Ratio Lower Upper

64 100

66 32.0 25.0 37.4

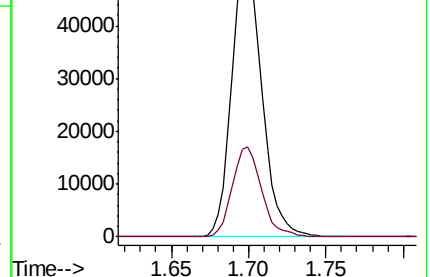
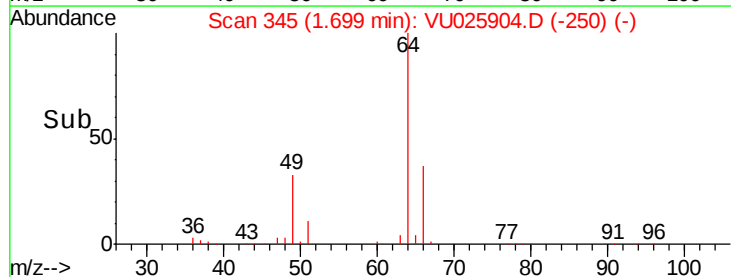


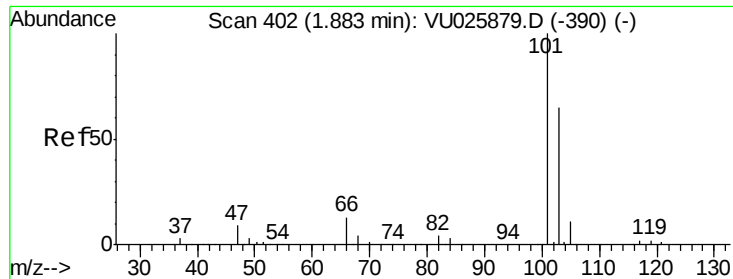
Abundance Ion 63.90 (63.60 to 64.60): VU025879.D (-333) (-)

Ion 65.90 (65.60 to 66.60): VU025879.D (-333) (-)

1.70

Time-->



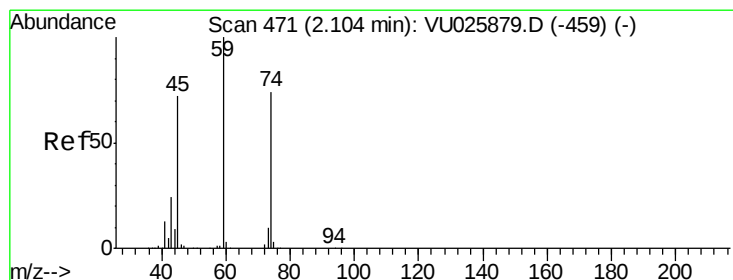
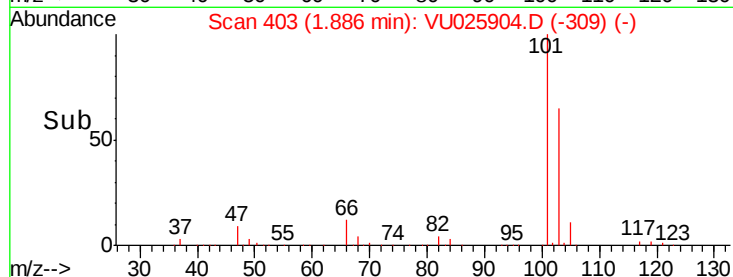
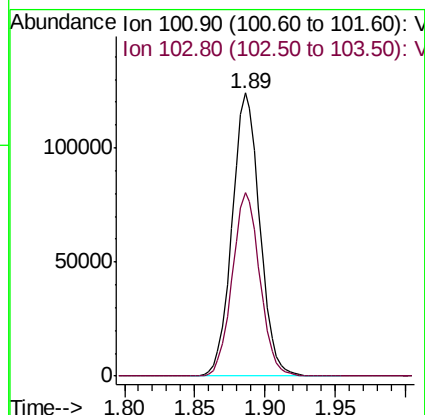
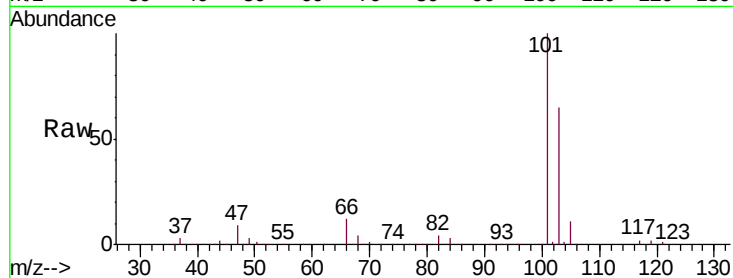


#7

Trichlorofluoromethane
 Concen: 47.574 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Instrument :
 MSVOA_U
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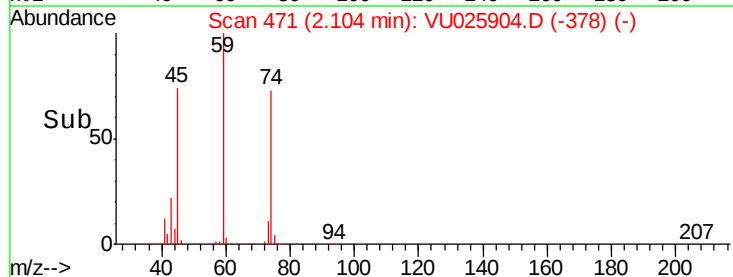
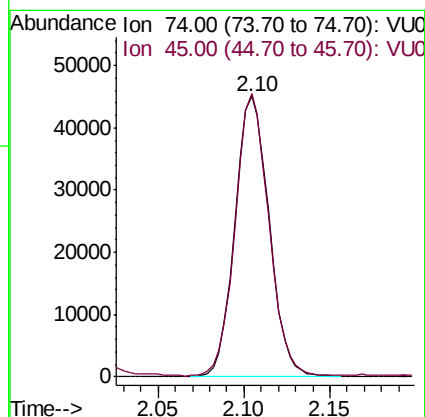
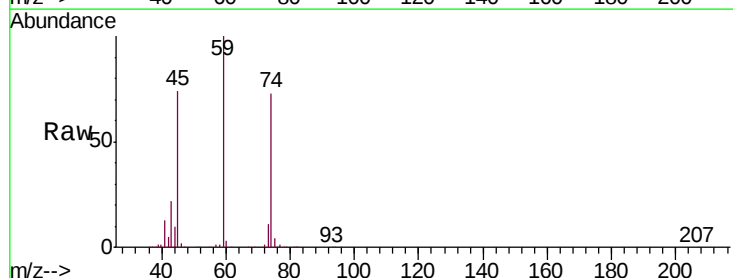
Tgt Ion:101 Resp: 170388
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.2

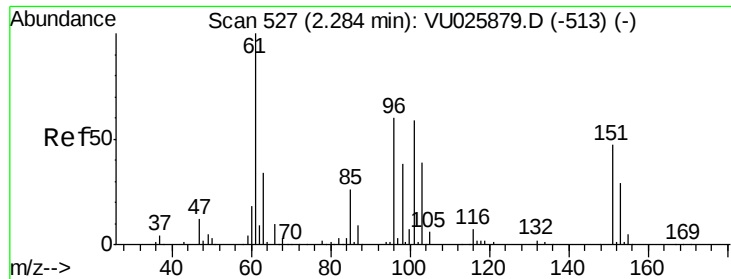


#8

Diethyl Ether
 Concen: 48.463 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Tgt Ion: 74 Resp: 62803
 Ion Ratio Lower Upper
 74 100
 45 98.3 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.067 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MSD

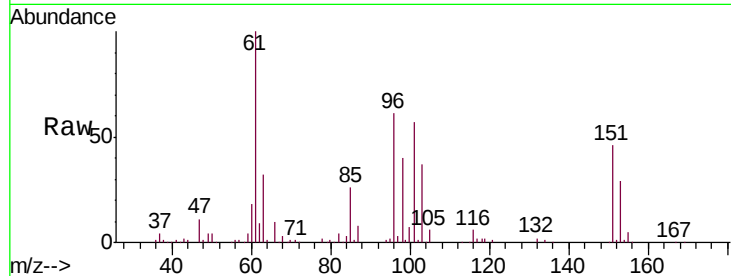
Tgt Ion:101 Resp: 99628

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

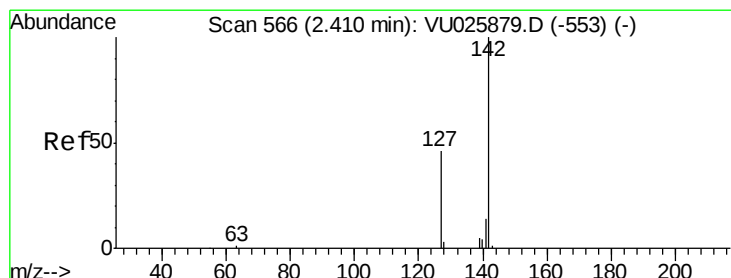
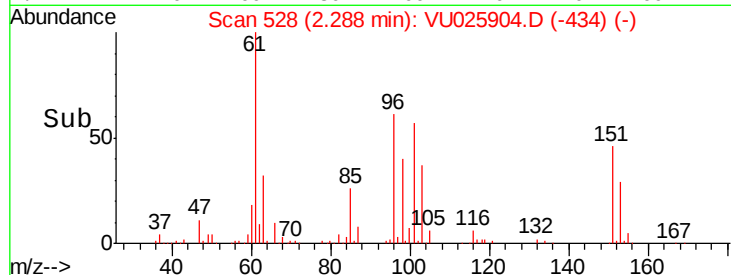
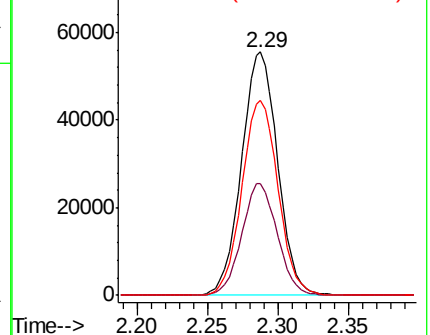
151 80.2 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.246 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

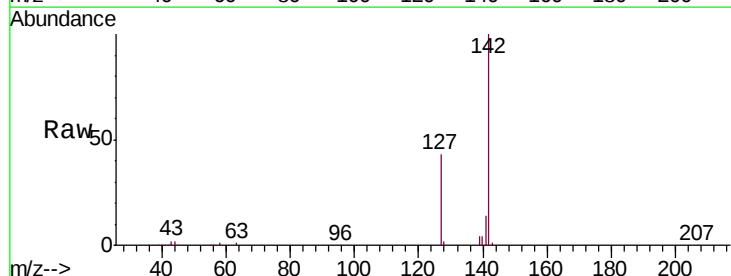
Tgt Ion:142 Resp: 85562

Ion Ratio Lower Upper

142 100

127 44.7 36.5 54.7

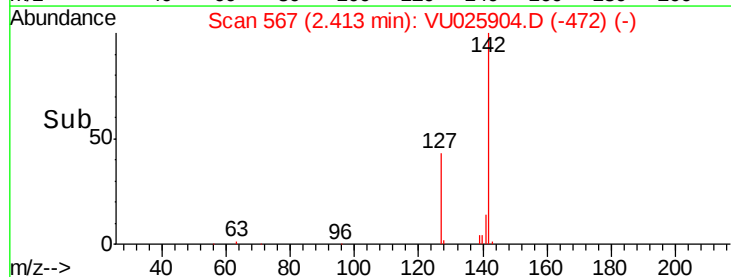
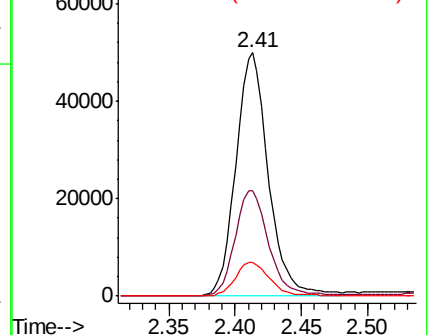
141 14.7 11.4 17.2

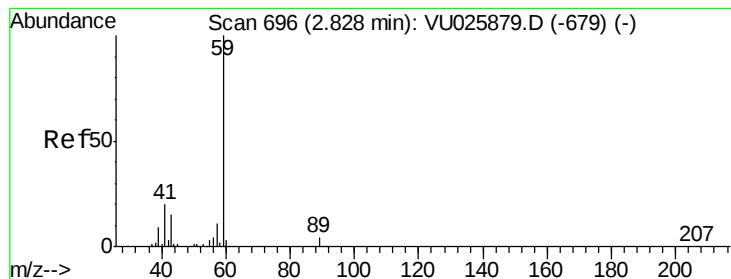


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



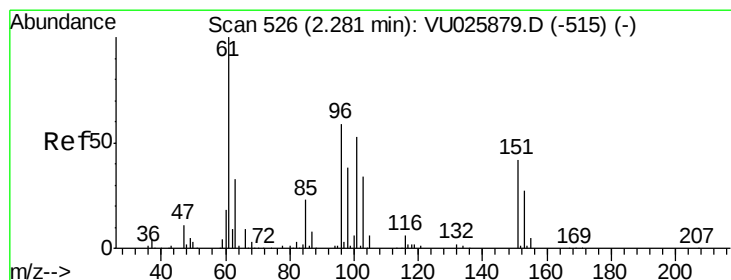
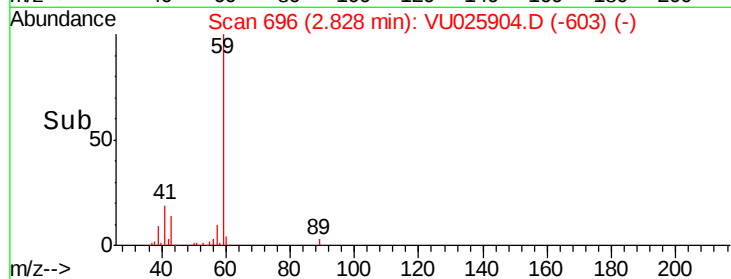
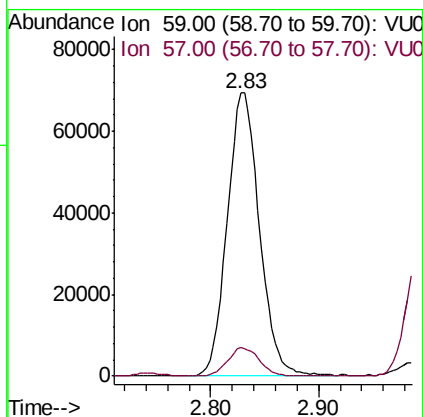
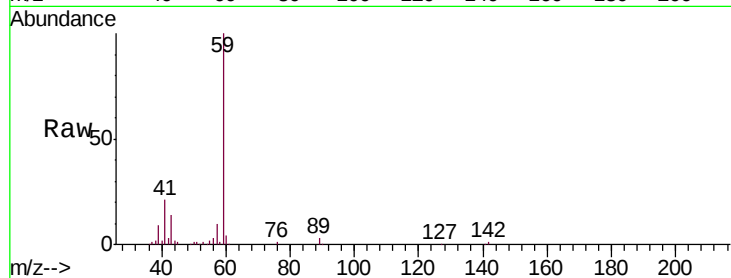


#11

Tert butyl alcohol
 Concen: 232.407 ug/l
 RT: 2.83 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MSD

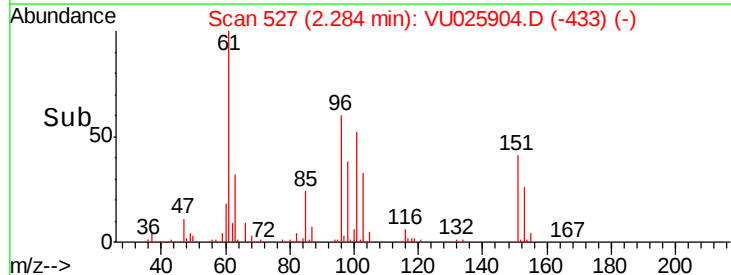
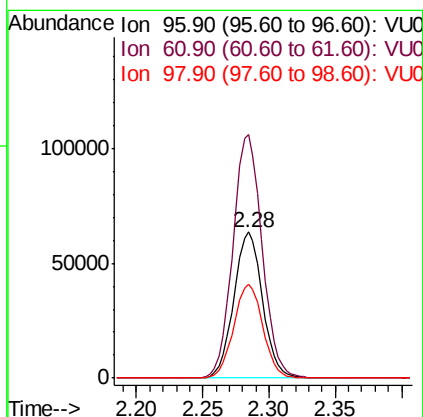
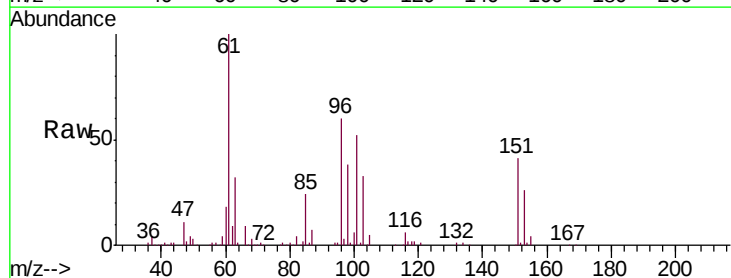
Tgt Ion: 59 Resp: 144461
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.2

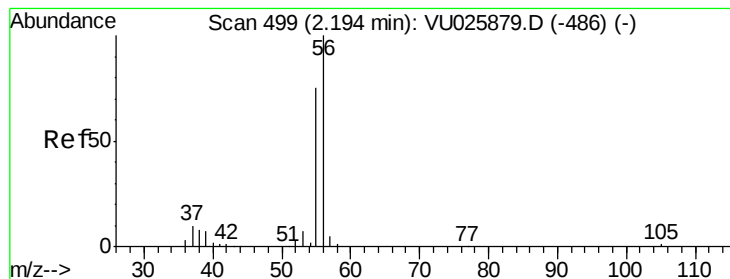


#12

1,1-Dichloroethene
 Concen: 49.086 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Tgt Ion: 96 Resp: 96035
 Ion Ratio Lower Upper
 96 100
 61 166.6 140.2 210.4
 98 64.1 49.3 73.9





#13

Acrolein

Concen: 408.038 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

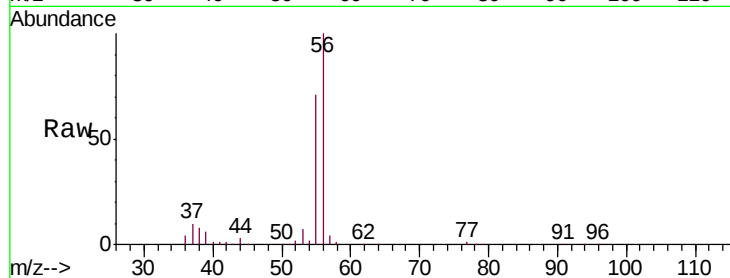
FL-0519MSD

Tgt Ion: 56 Resp: 91564

Ion Ratio Lower Upper

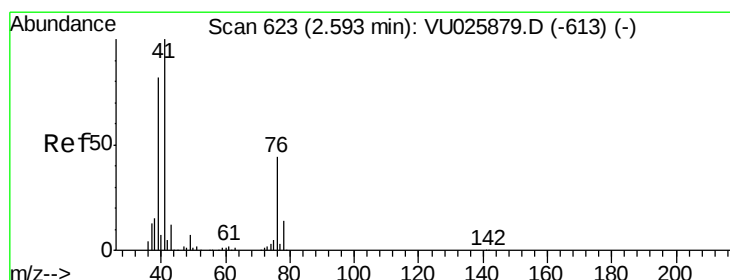
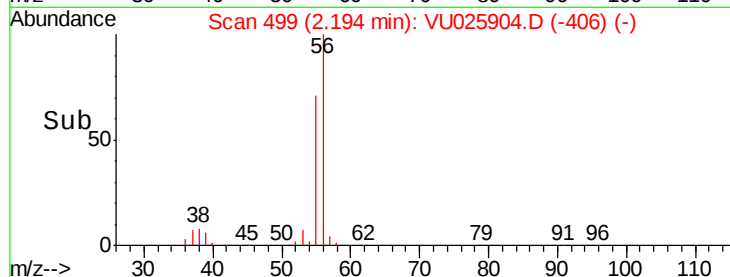
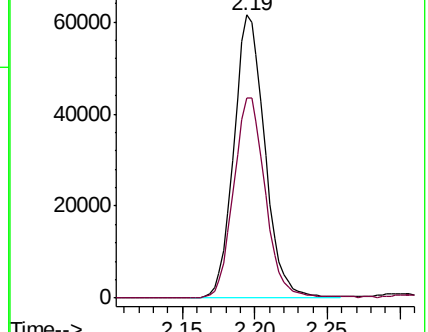
56 100

55 72.0 57.2 85.8



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

Ion 55.00 (54.70 to 55.70): VU025879.D (-486) (-)



#14

Allyl chloride

Concen: 46.689 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

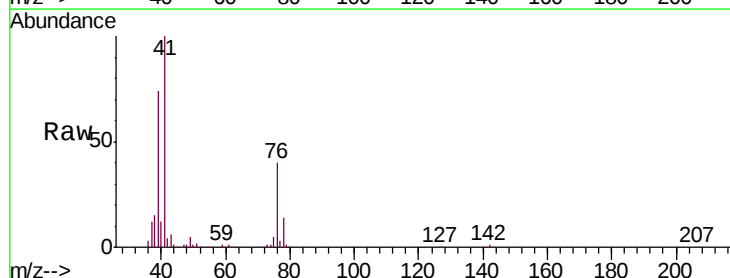
Tgt Ion: 41 Resp: 164153

Ion Ratio Lower Upper

41 100

39 75.1 60.6 91.0

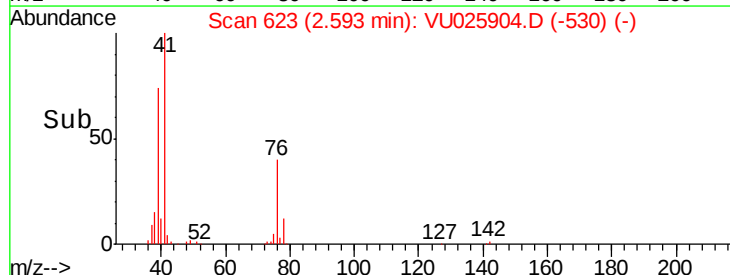
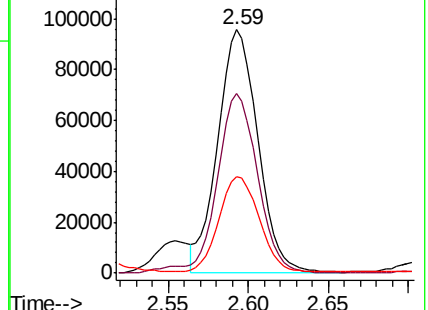
76 39.0 30.5 45.7

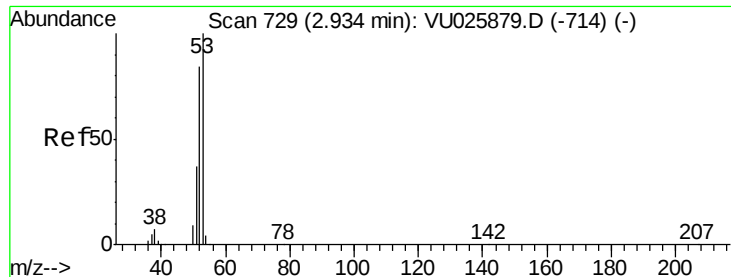


Abundance Ion 41.00 (40.70 to 41.70): VU025879.D (-613) (-)

Ion 39.00 (38.70 to 39.70): VU025879.D (-613) (-)

Ion 75.90 (75.60 to 76.60): VU025879.D (-613) (-)

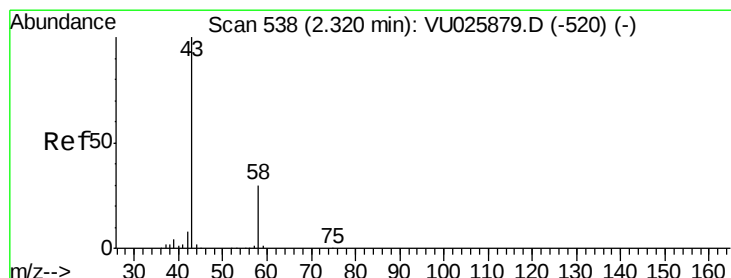
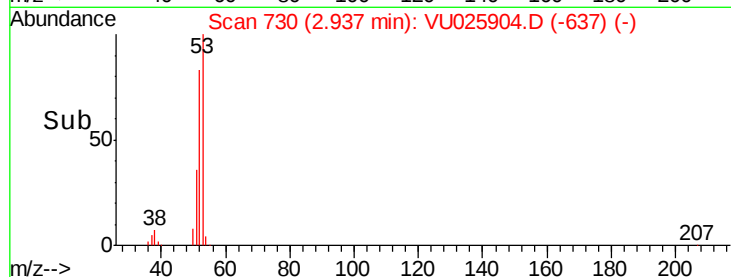
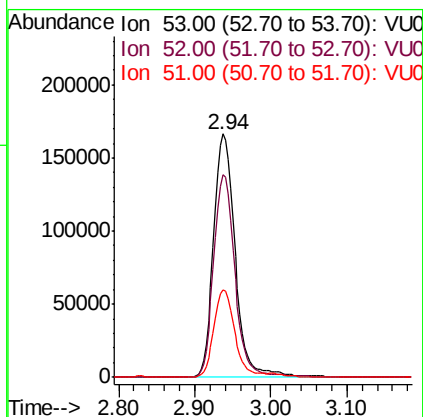
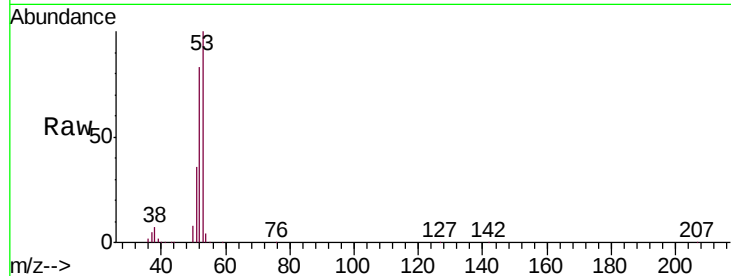




#15
 Acrylonitrile
 Concen: 266.110 ug/l
 RT: 2.94 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

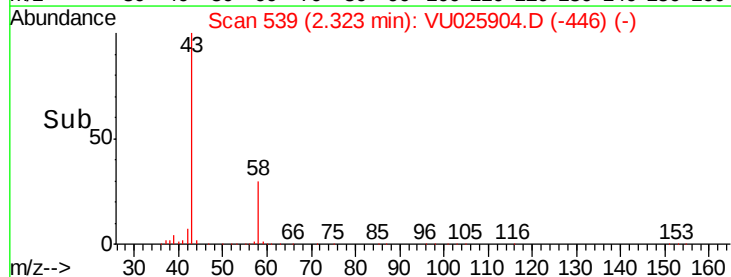
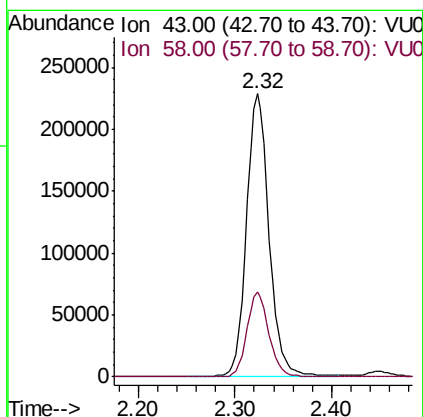
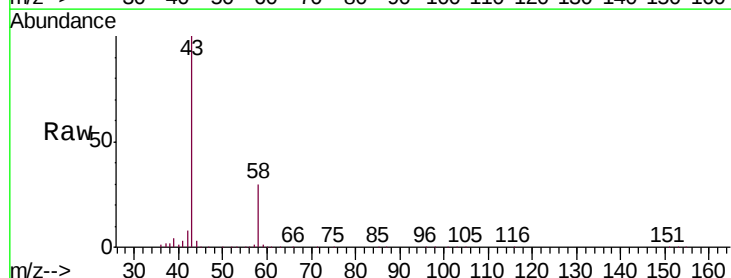
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MSD

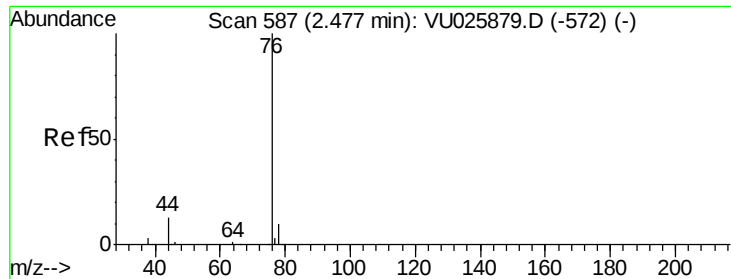
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.6	99.8
51	34.8	29.4	44.2



#16
 Acetone
 Concen: 266.250 ug/l
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.1	34.7

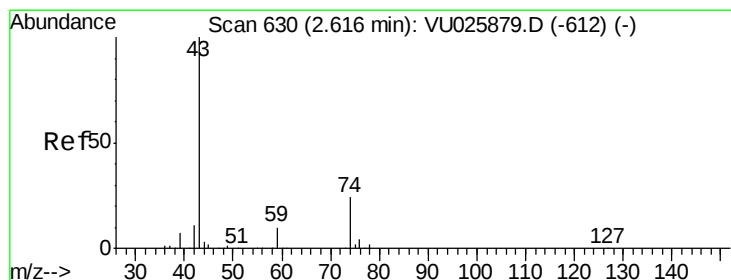
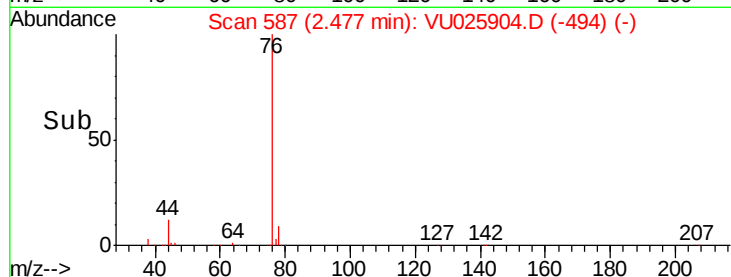
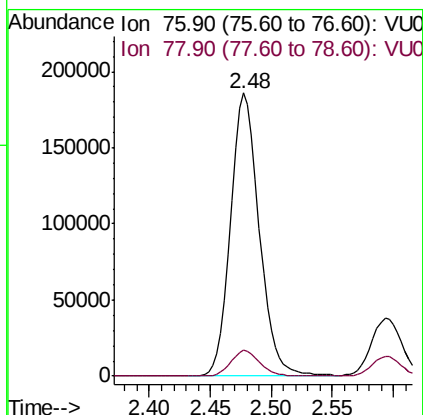
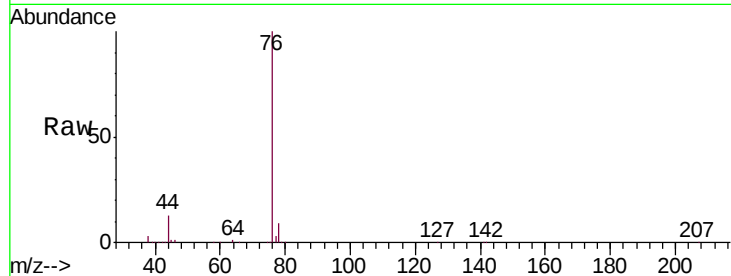




#17
Carbon Disulfide
Concen: 48.362 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

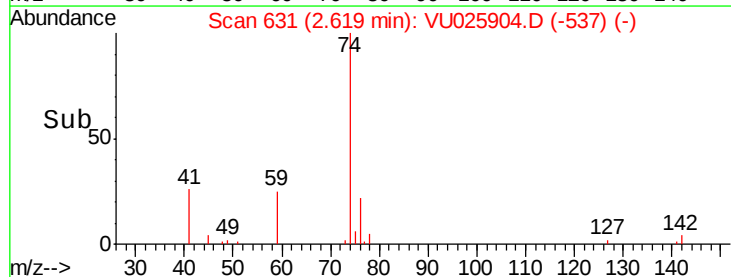
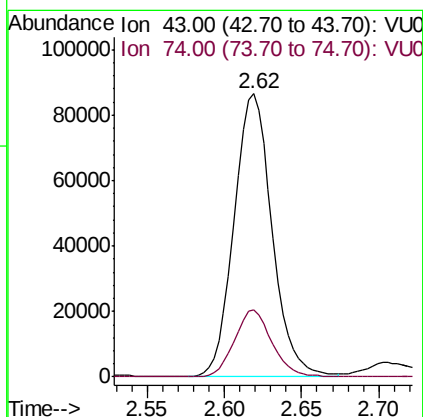
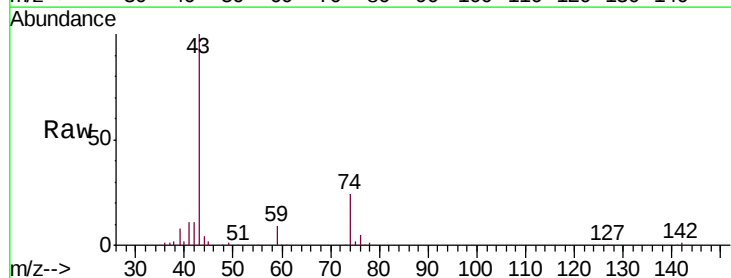
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MSD

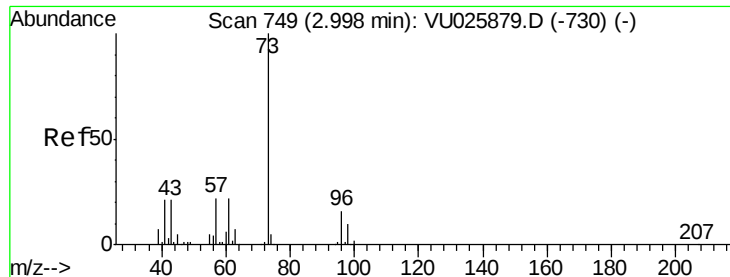
Tgt Ion: 76 Resp: 306219
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 43.926 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

Tgt Ion: 43 Resp: 146340
Ion Ratio Lower Upper
43 100
74 23.6 18.5 27.7

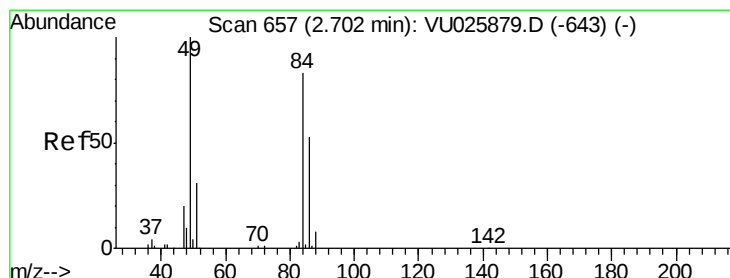
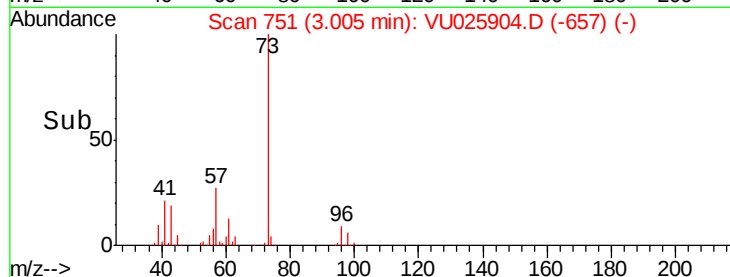
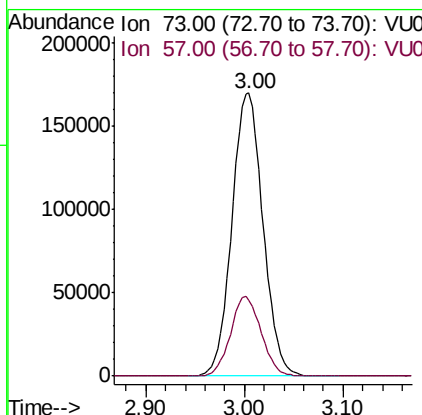
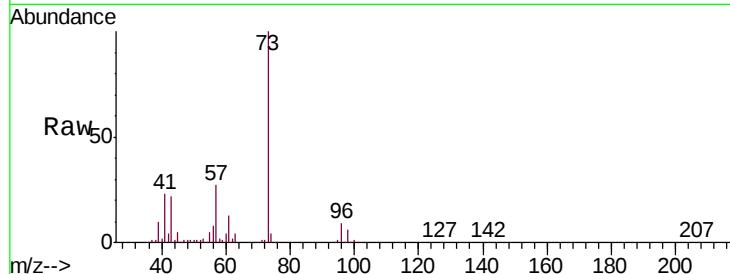




#19
Methyl tert-butyl Ether
Concen: 52.404 ug/l
RT: 3.00 min Scan# 751
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

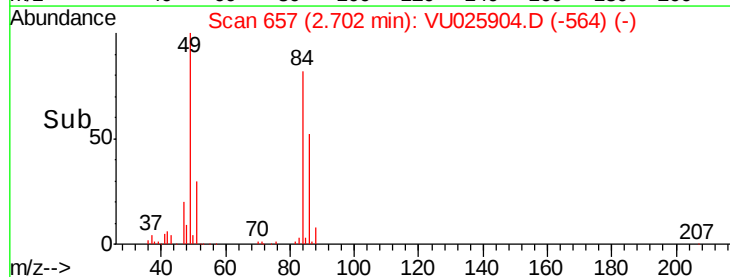
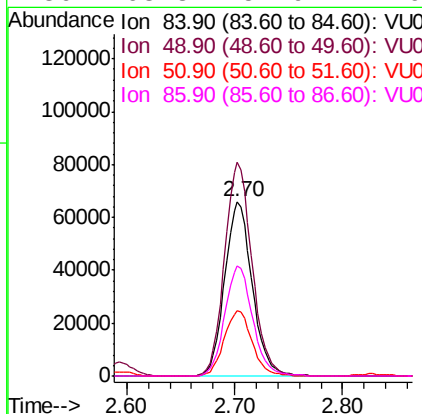
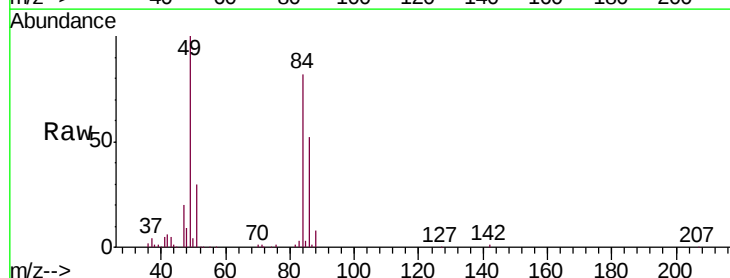
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MSD

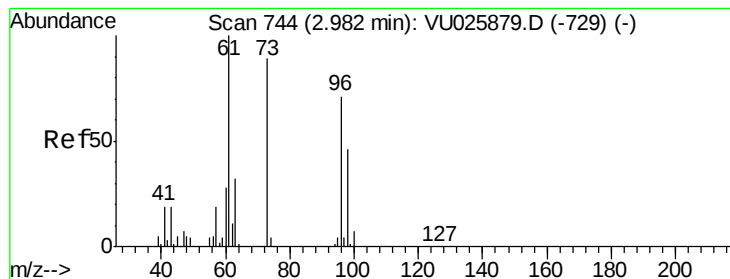
Tgt Ion: 73 Resp: 371533
Ion Ratio Lower Upper
73 100
57 27.0 17.4 26.2#



#20
Methylene Chloride
Concen: 47.700 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

Tgt Ion: 84 Resp: 117012
Ion Ratio Lower Upper
84 100
49 122.6 101.8 152.6
51 37.4 30.8 46.2
86 63.3 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 49.610 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MSD

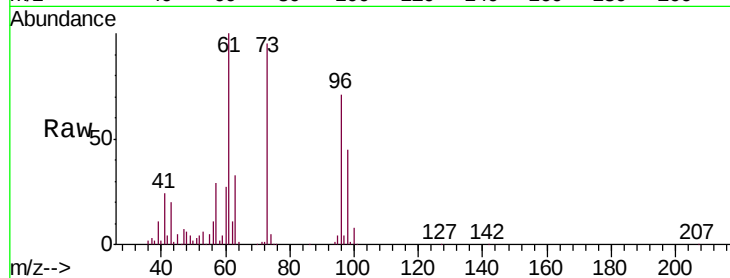
Tgt Ion: 96 Resp: 112199

Ion Ratio Lower Upper

96 100

61 141.3 114.5 171.7

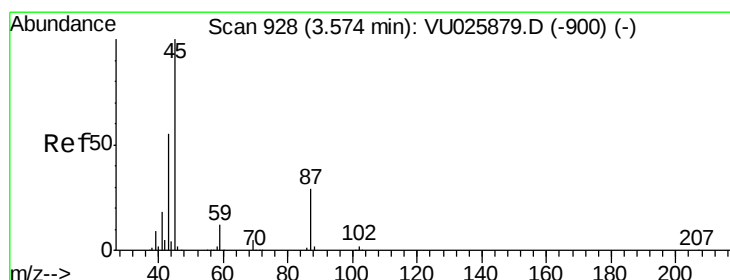
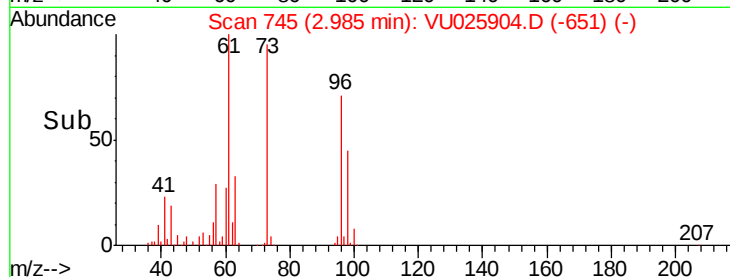
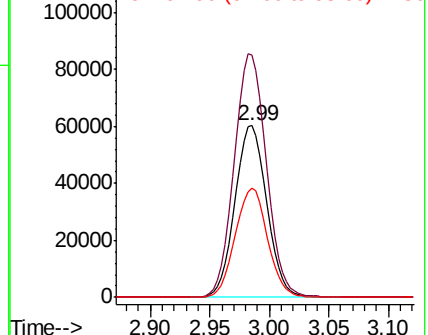
98 63.7 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025879.D (-729) (-)

Ion 60.90 (60.60 to 61.60): VU025879.D (-729) (-)

Ion 97.90 (97.60 to 98.60): VU025879.D (-729) (-)



#22

Diisopropyl ether

Concen: 51.897 ug/l

RT: 3.58 min Scan# 929

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Tgt Ion: 45 Resp: 359560

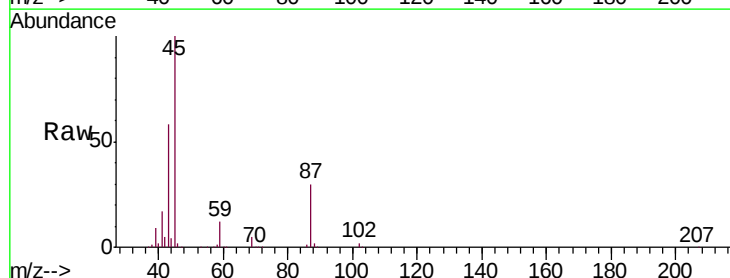
Ion Ratio Lower Upper

45 100

43 56.8 50.9 76.3

87 29.6 23.8 35.8

59 11.8 9.0 13.4

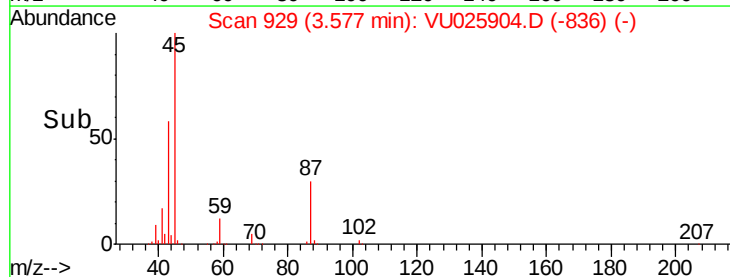
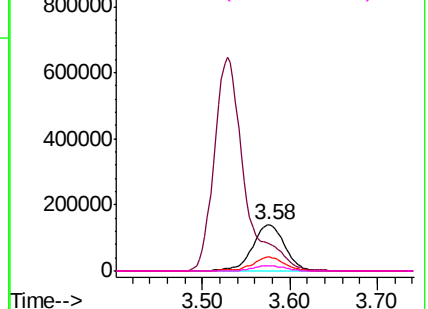


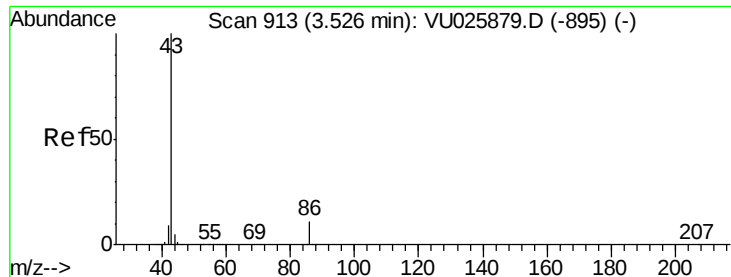
Abundance Ion 45.00 (44.70 to 45.70): VU025879.D (-900) (-)

Ion 43.00 (42.70 to 43.70): VU025879.D (-900) (-)

Ion 87.00 (86.70 to 87.70): VU025879.D (-900) (-)

Ion 59.00 (58.70 to 59.70): VU025879.D (-900) (-)





#23

Vinyl Acetate

Concen: 256.886 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

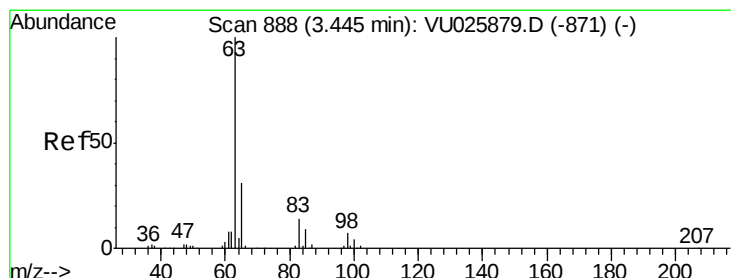
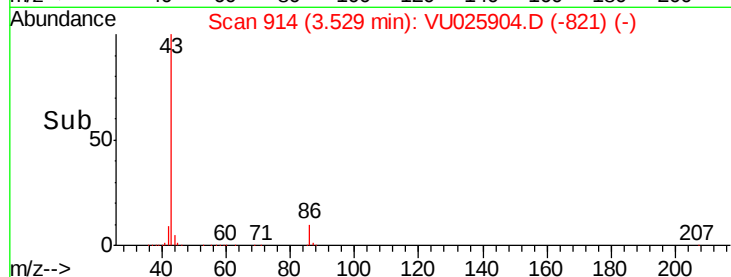
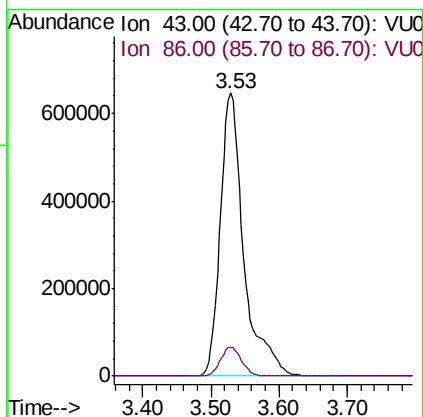
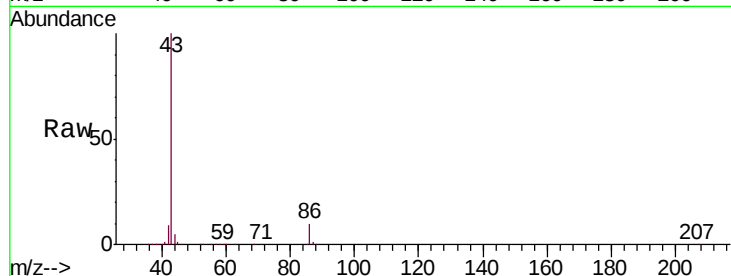
FL-0519MSD

Tgt Ion: 43 Resp: 1551062

Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.2



#24

1,1-Dichloroethane

Concen: 51.147 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

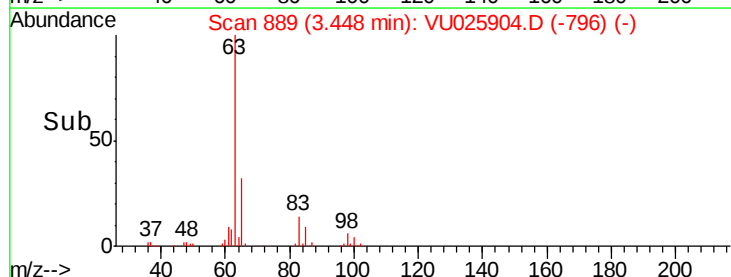
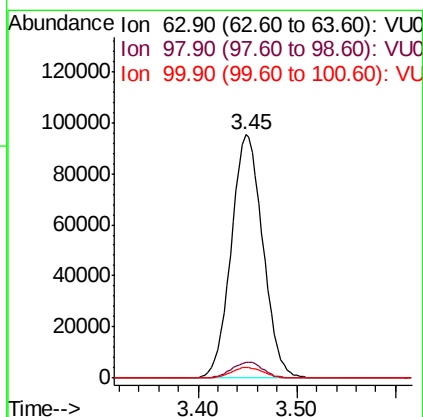
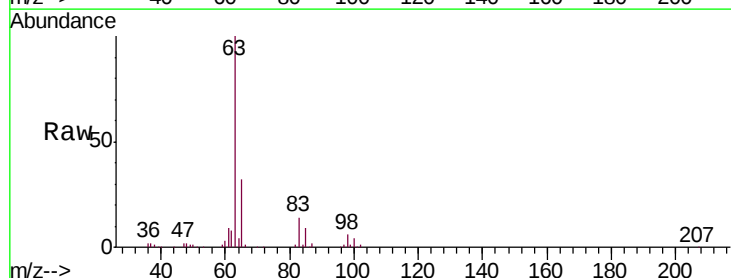
Tgt Ion: 63 Resp: 212722

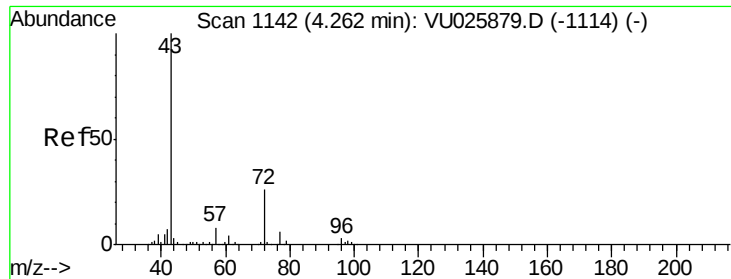
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.5 2.0 6.0





#25

2-Butanone

Concen: 310.003 ug/l

RT: 4.27 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

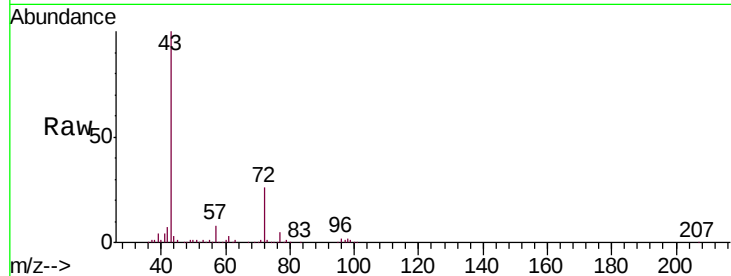
FL-0519MSD

Tgt Ion: 43 Resp: 584122

Ion Ratio Lower Upper

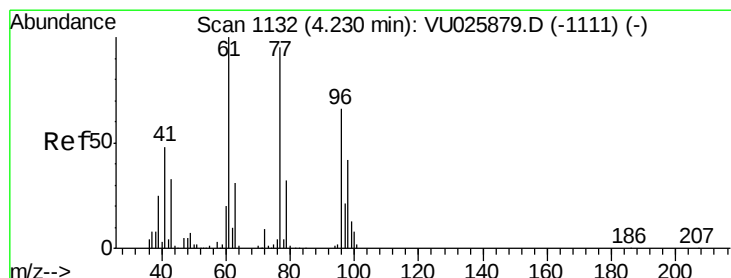
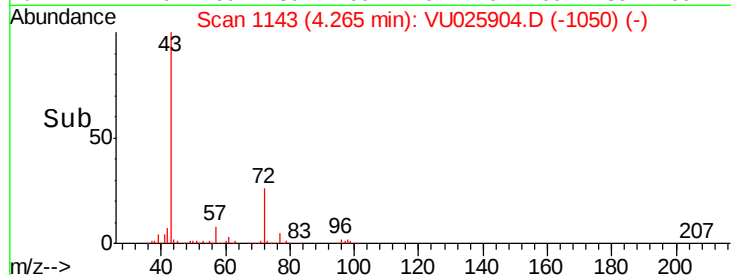
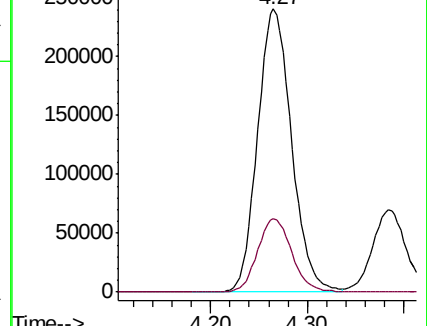
43 100

72 26.0 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 42.470 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025904.D

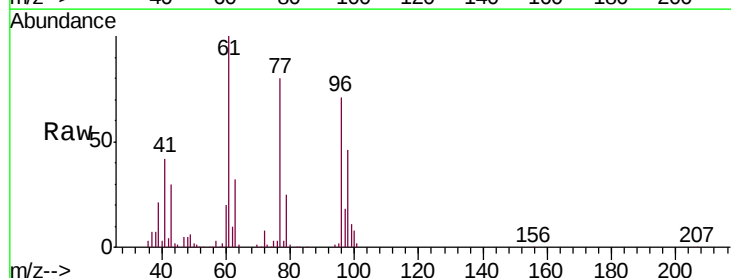
Acq: 06 Aug 2018 22:23

Tgt Ion: 77 Resp: 160548

Ion Ratio Lower Upper

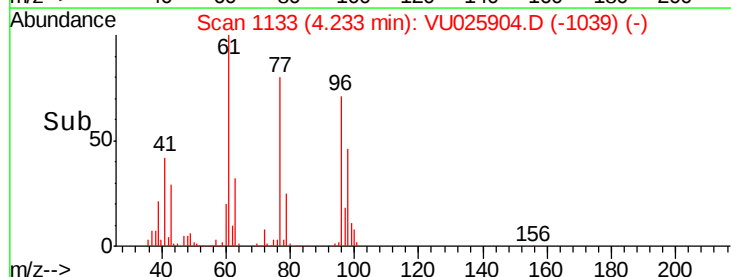
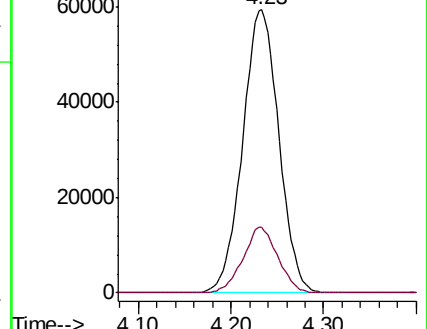
77 100

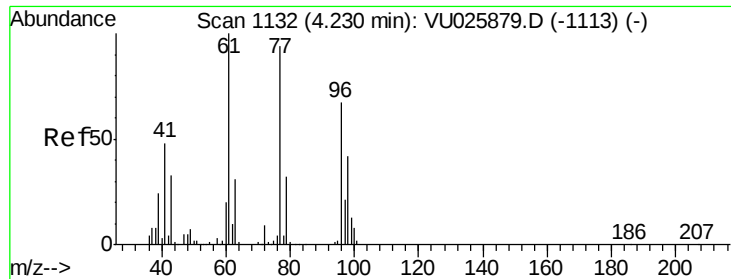
97 22.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

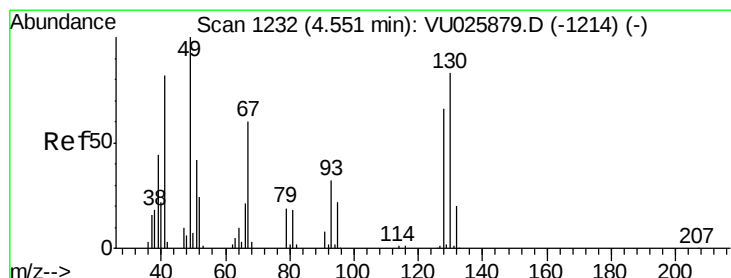
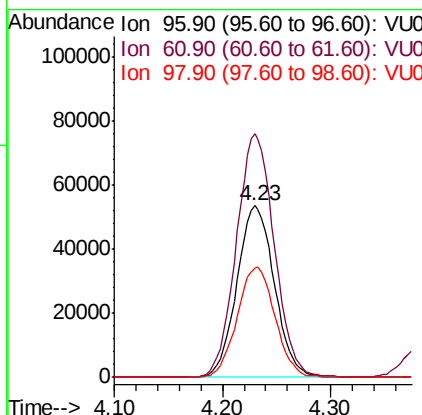
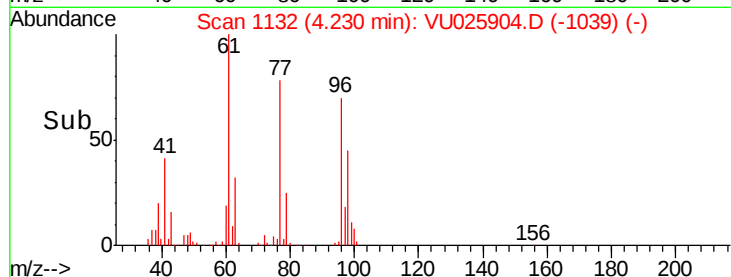
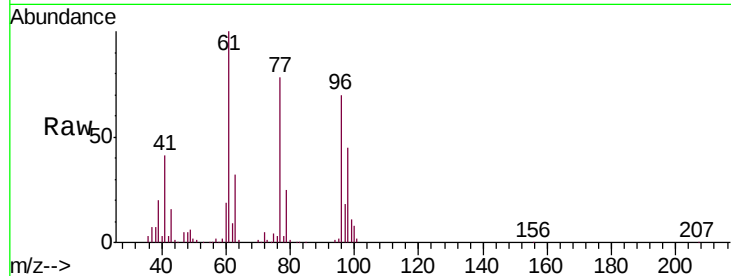




#27
 cis-1,2-Dichloroethene
 Concen: 50.673 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

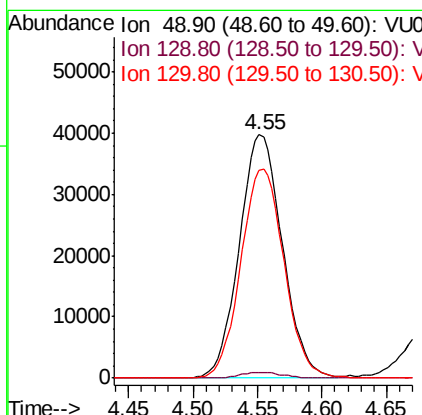
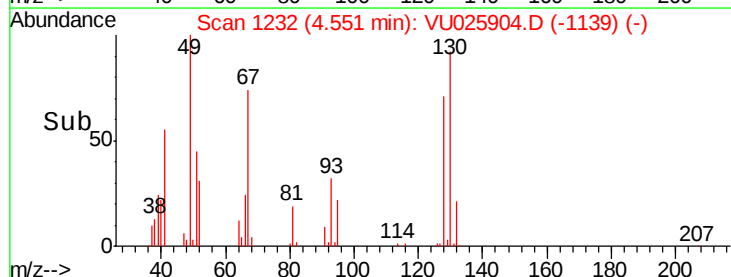
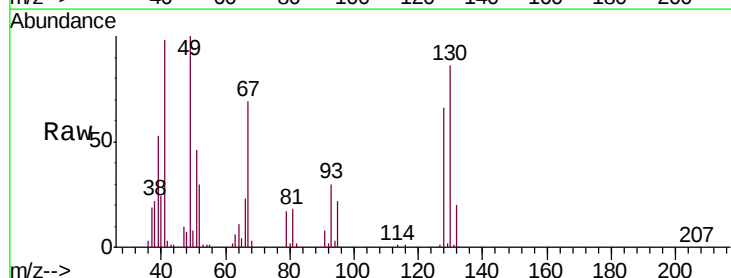
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MSD

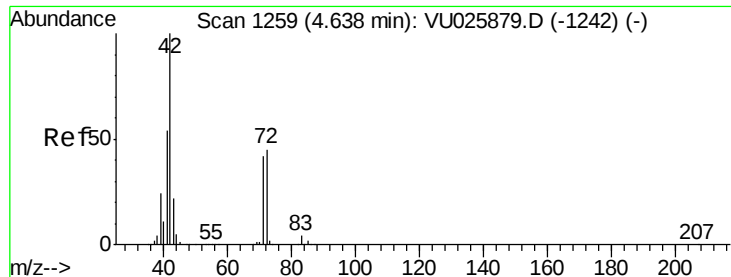
Tgt Ion: 96 Resp: 129208
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 299.8
 98 64.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 49.746 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Tgt Ion: 49 Resp: 92504
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 86.3 68.6 102.8





#29

Tetrahydrofuran

Concen: 261.100 ug/l

RT: 4.64 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MSD

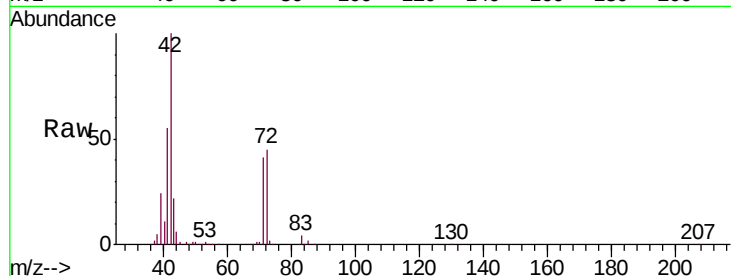
Tgt Ion: 42 Resp: 294749

Ion Ratio Lower Upper

42 100

72 45.1 36.7 55.1

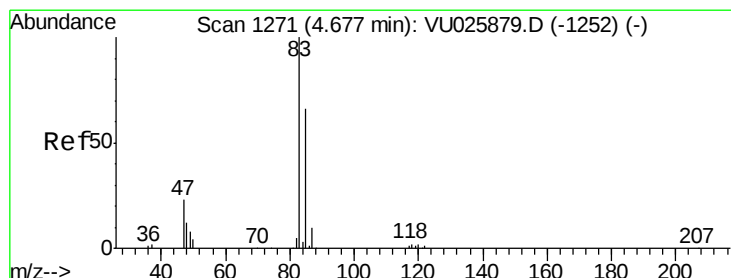
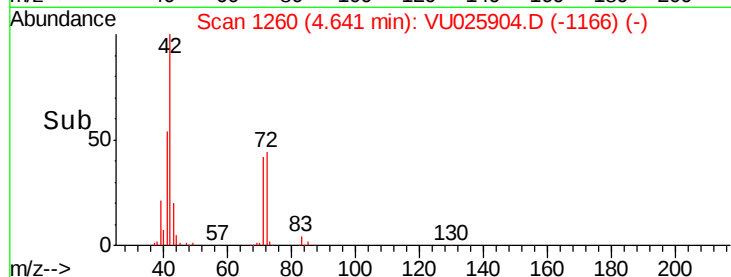
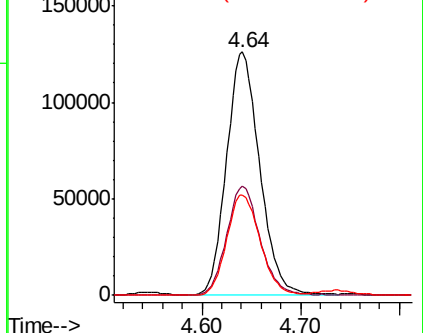
71 41.8 33.9 50.9



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 49.897 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU025904.D

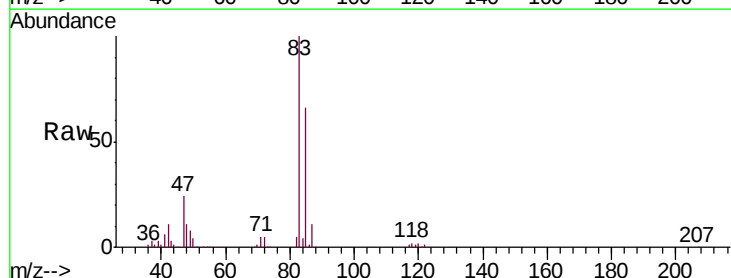
Acq: 06 Aug 2018 22:23

Tgt Ion: 83 Resp: 219048

Ion Ratio Lower Upper

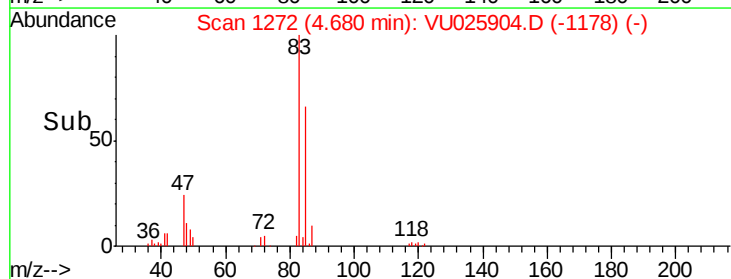
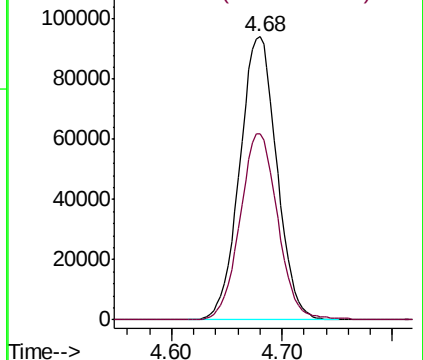
83 100

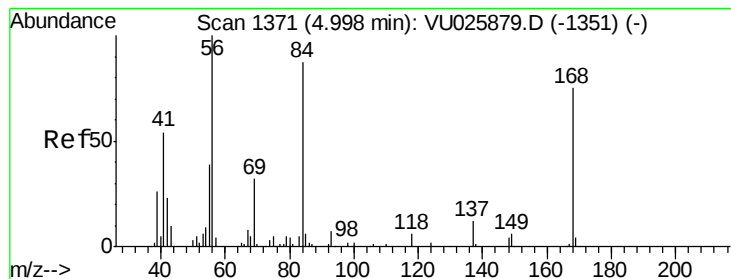
85 65.8 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 51.965 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MSD

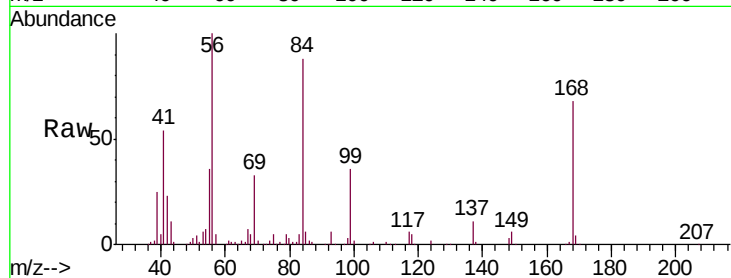
Tgt Ion: 56 Resp: 187804

Ion Ratio Lower Upper

56 100

69 32.7 26.8 40.2

84 86.7 69.7 104.5

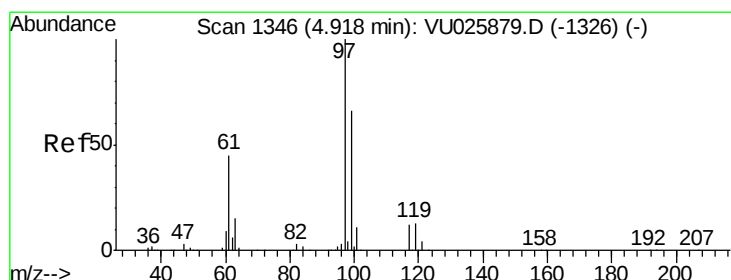
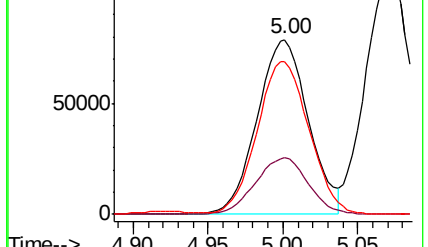
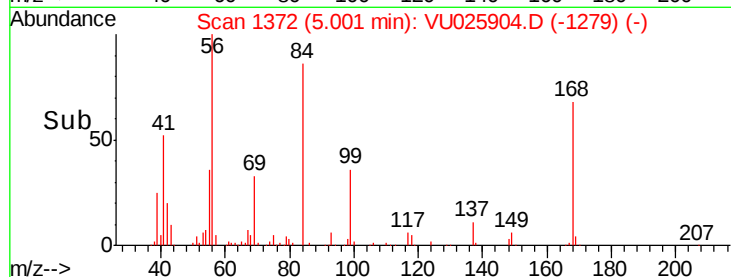


Abundance Ion 56.00 (55.70 to 56.70): VU025879.D (-1351) (-)

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

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

Time-->



#32

1,1,1-Trichloroethane

Concen: 51.048 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

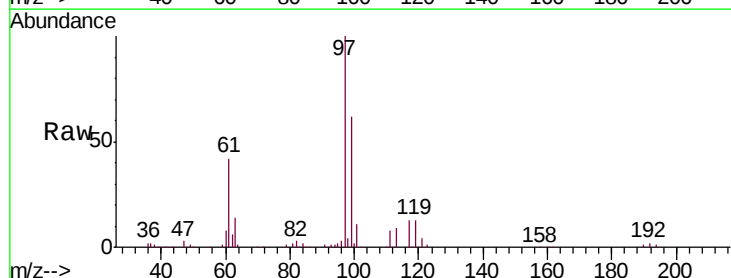
Tgt Ion: 97 Resp: 201761

Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 43.3 35.2 52.8

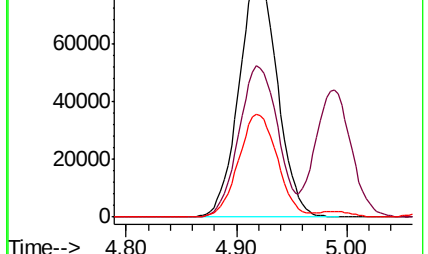
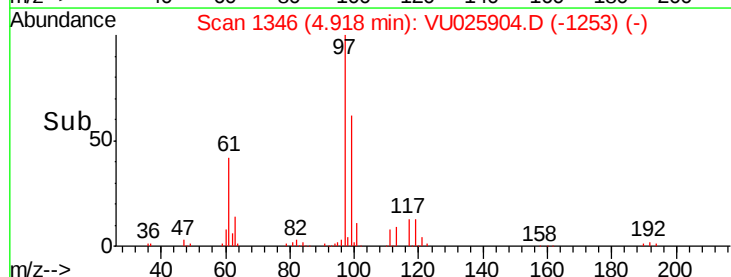


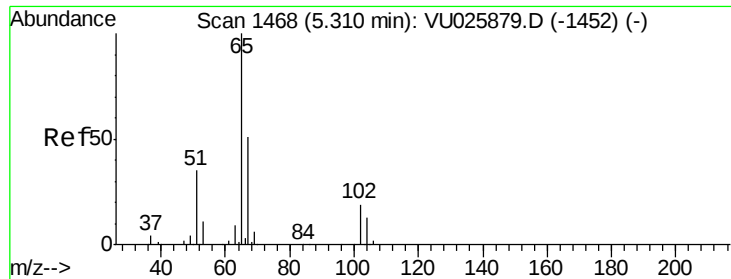
Abundance Ion 96.90 (96.60 to 97.60): VU025879.D (-1326) (-)

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

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

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.534 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

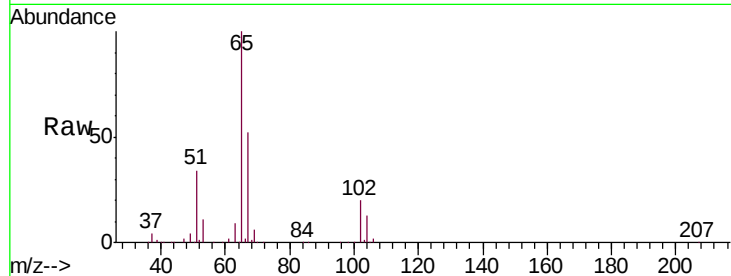
FL-0519MSD

Tgt Ion: 65 Resp: 140633

Ion Ratio Lower Upper

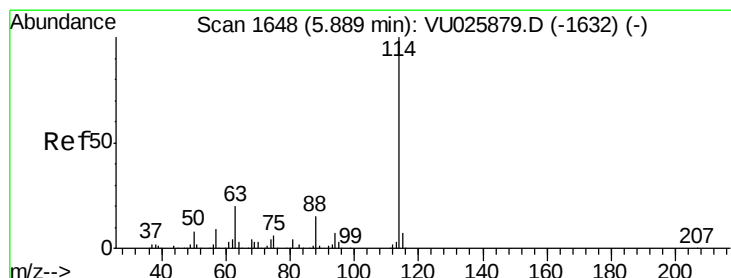
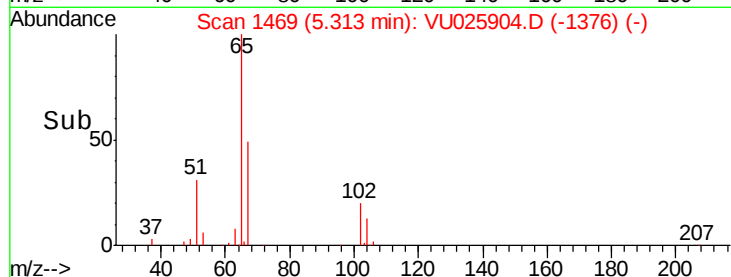
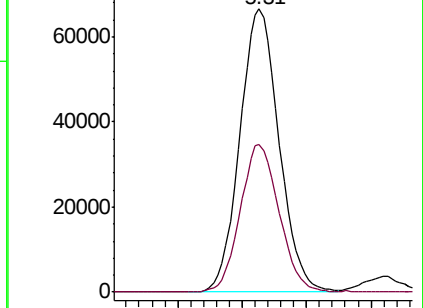
65 100

67 51.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025879.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025879.D (-1452) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

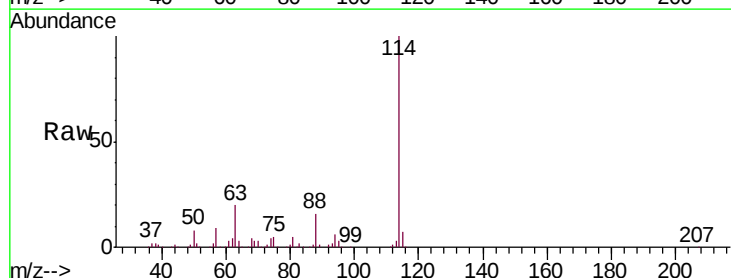
Tgt Ion: 114 Resp: 274482

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

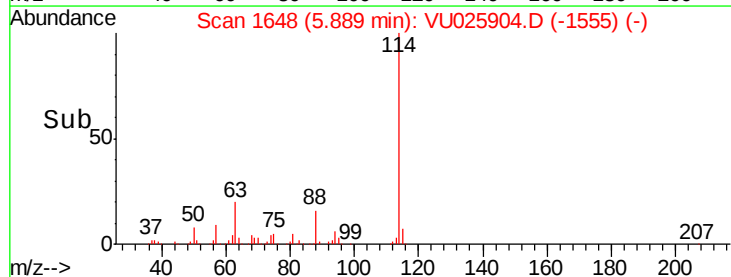
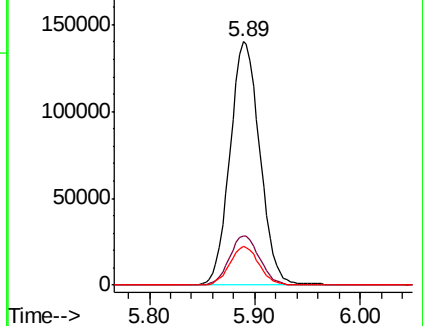
88 15.8 0.0 32.4

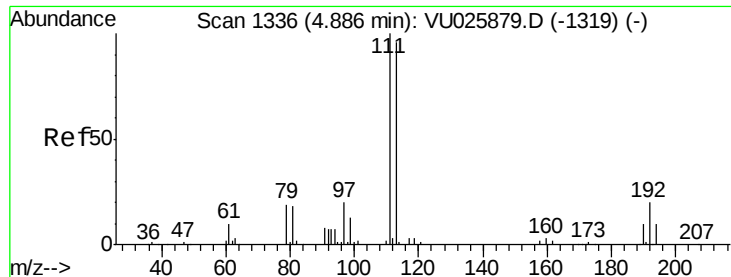


Abundance Ion 113.90 (113.60 to 114.60): VU025879.D (-1632) (-)

Ion 63.00 (62.70 to 63.70): VU025879.D (-1632) (-)

Ion 87.90 (87.60 to 88.60): VU025879.D (-1632) (-)

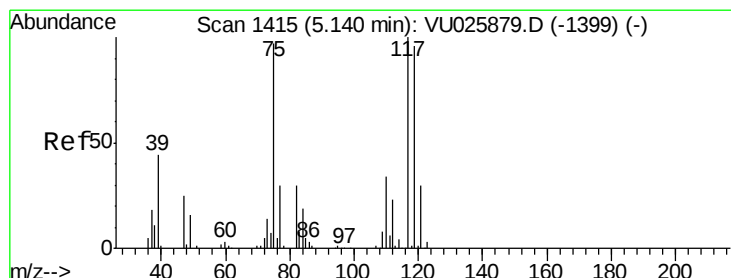
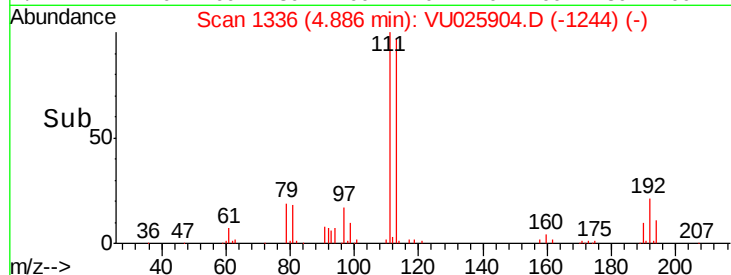
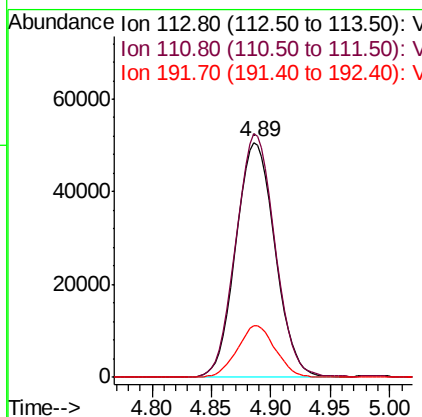
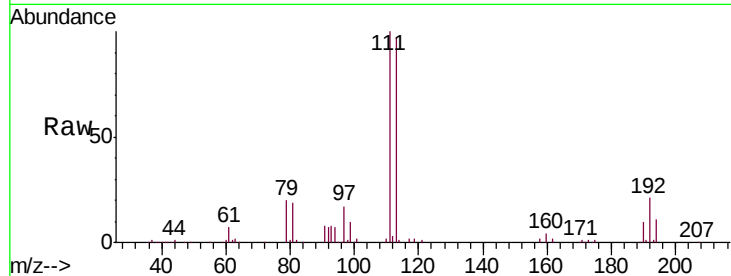




#35
 Dibromofluoromethane
 Concen: 48.555 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

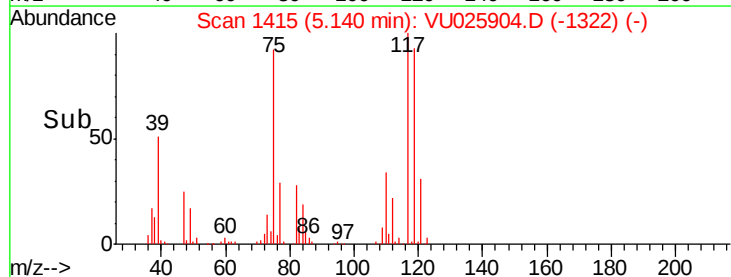
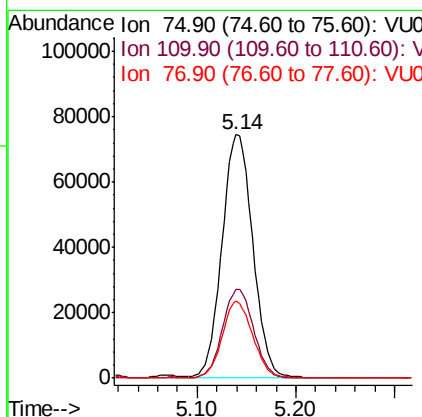
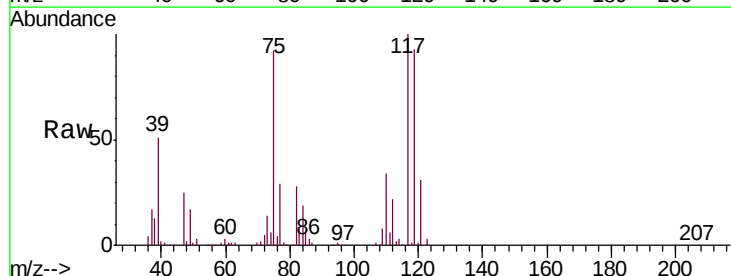
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MSD

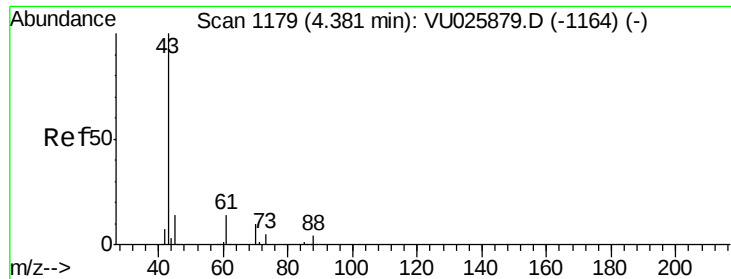
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.7	122.5
192	21.4	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 50.548 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	17.6	52.9
77	31.5	24.4	36.6

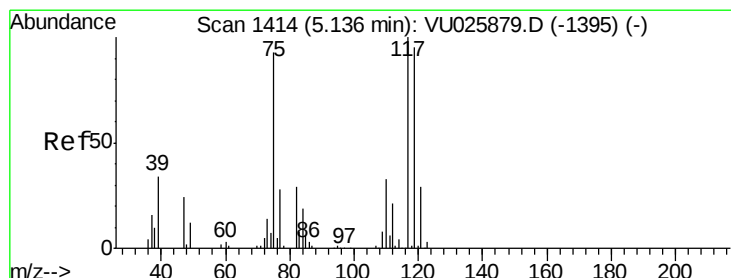
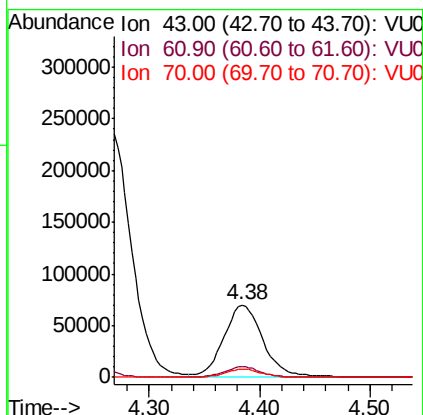
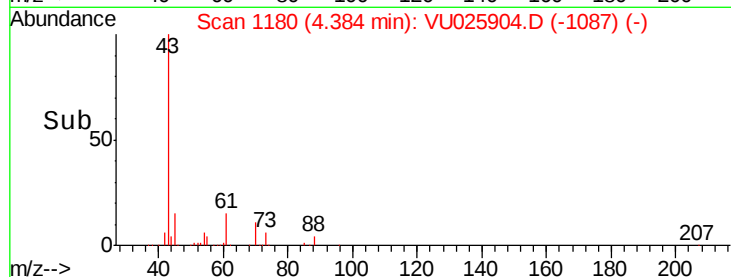
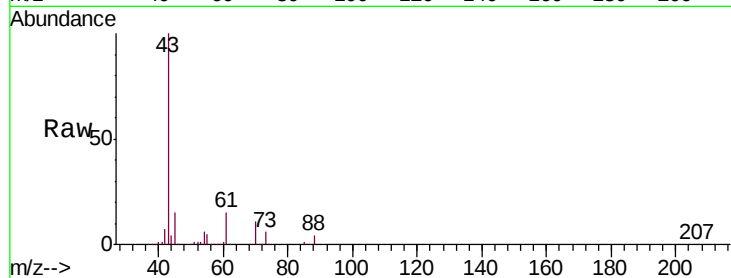




#37
 Ethyl Acetate
 Concen: 50.665 ug/l
 RT: 4.38 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

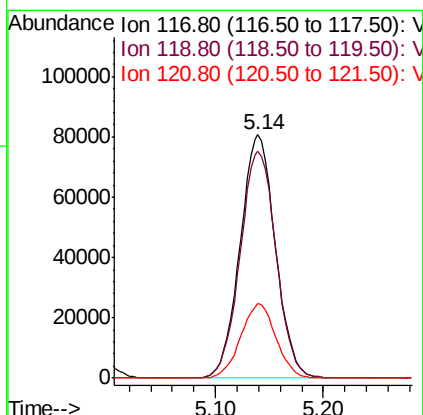
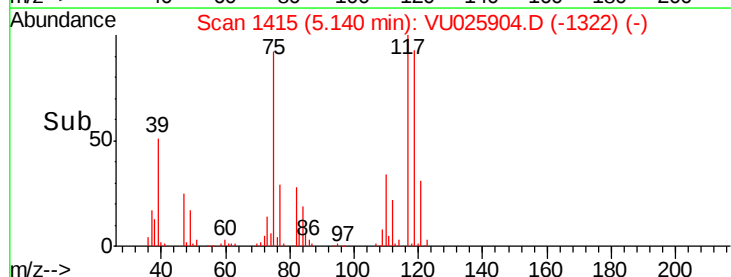
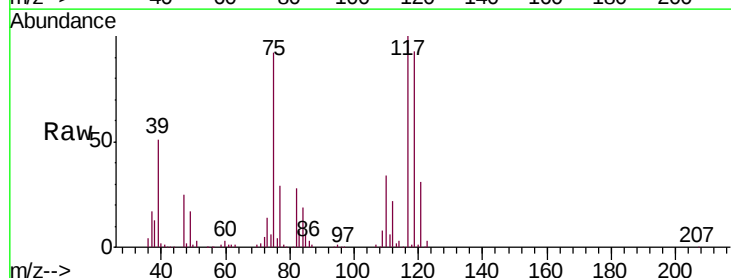
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MSD

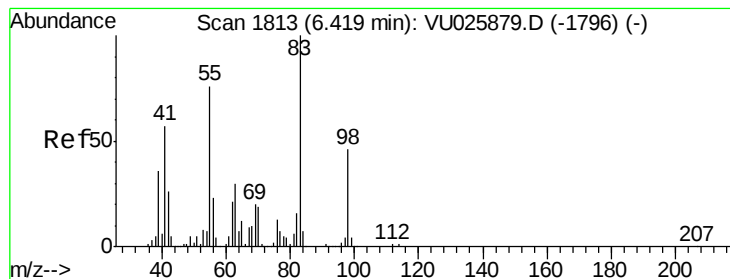
Tgt Ion: 43 Resp: 168519
 Ion Ratio Lower Upper
 43 100
 61 14.2 10.7 16.1
 70 10.7 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 50.328 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Tgt Ion: 117 Resp: 182854
 Ion Ratio Lower Upper
 117 100
 119 93.0 75.7 113.5
 121 30.6 24.6 36.8





#39

Methylcyclohexane

Concen: 49.599 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MSD

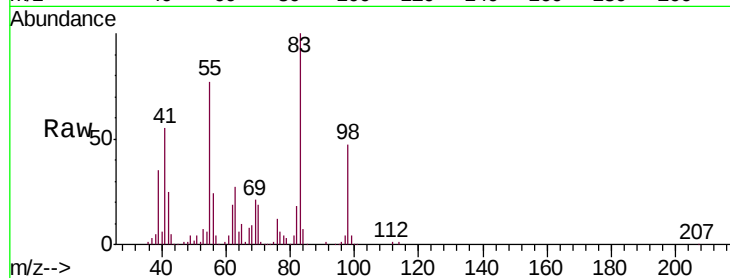
Tgt Ion: 83 Resp: 182295

Ion Ratio Lower Upper

83 100

55 76.8 60.0 90.0

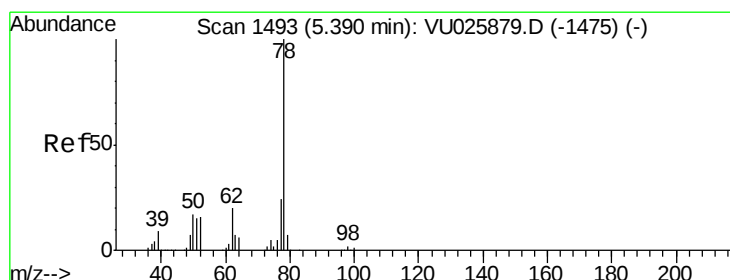
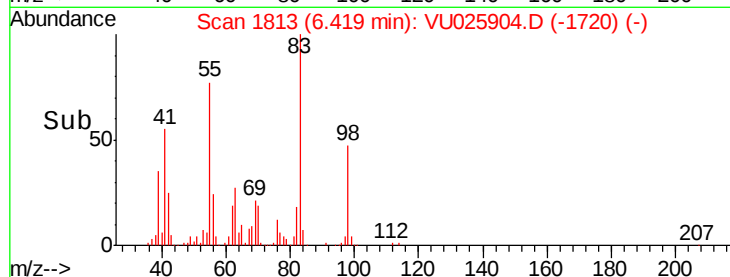
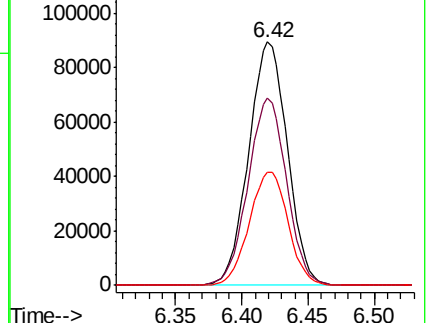
98 46.6 36.1 54.1



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#40

Benzene

Concen: 50.916 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025904.D

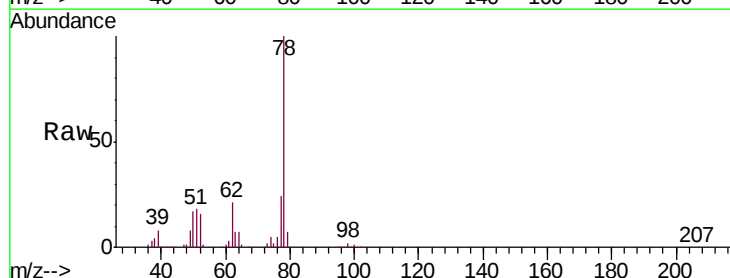
Acq: 06 Aug 2018 22:23

Tgt Ion: 78 Resp: 477413

Ion Ratio Lower Upper

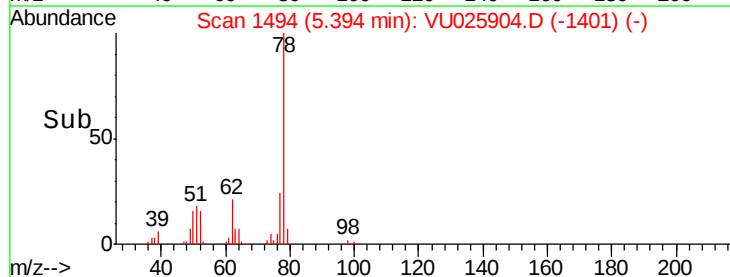
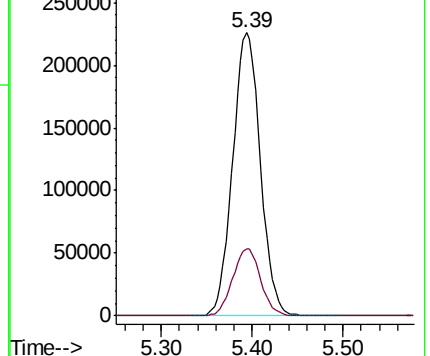
78 100

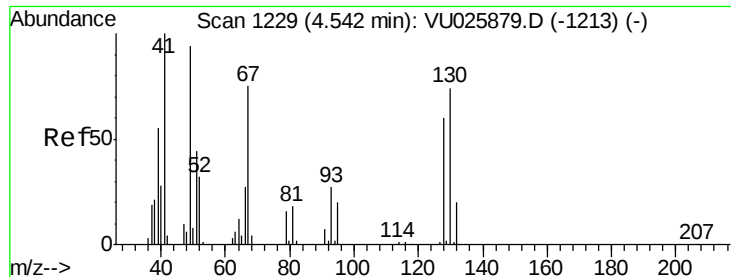
77 23.8 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

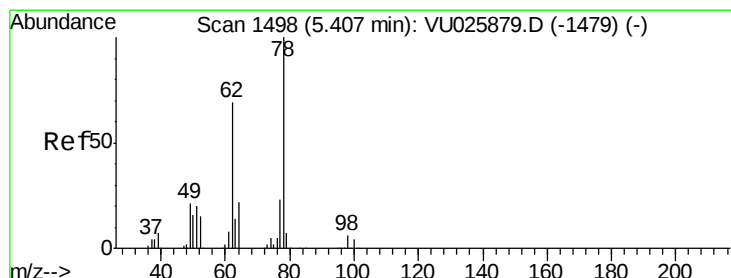
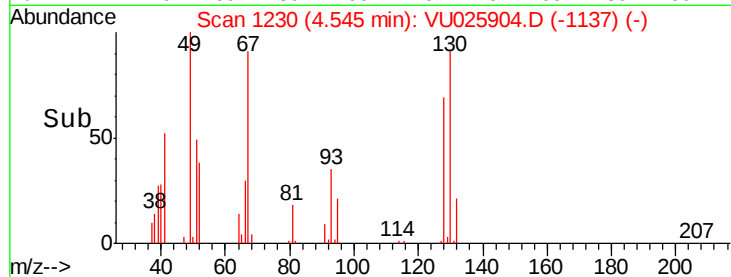
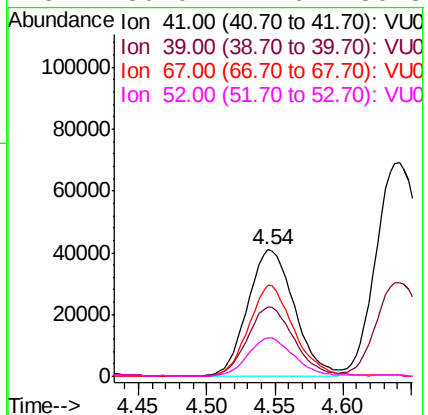
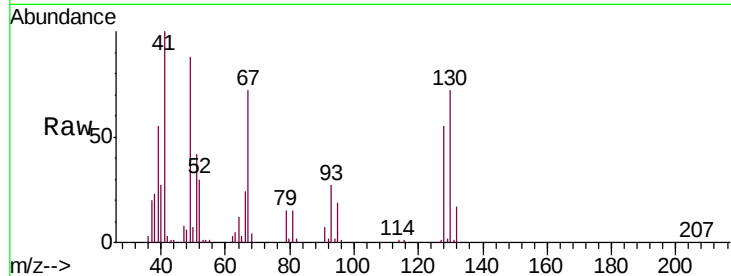




#41
Methacrylonitrile
Concen: 53.066 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

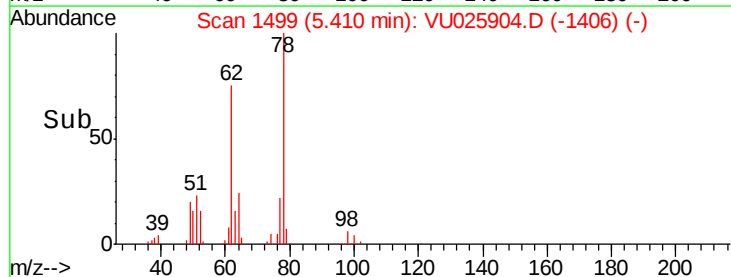
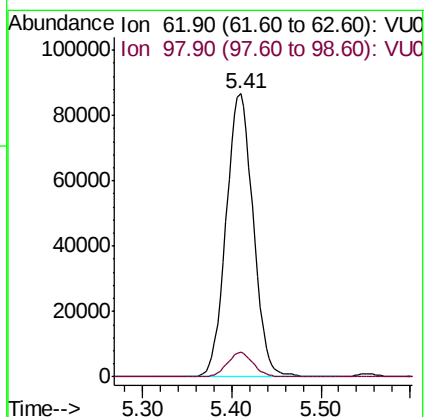
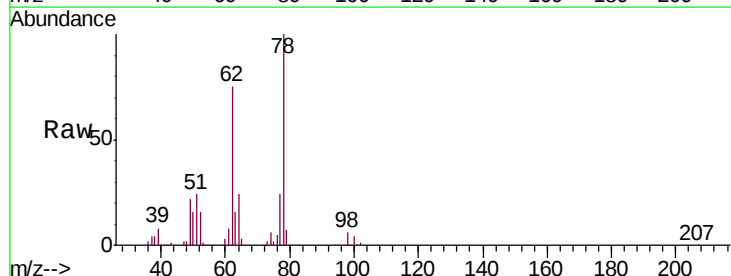
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MSD

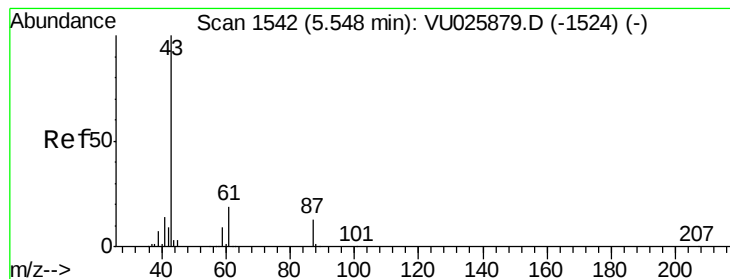
Tgt Ion:	41	Resp:	98034
Ion	Ratio	Lower	Upper
41	100		
39	53.6	44.4	66.6
67	68.9	56.0	84.0
52	30.0	24.6	36.8



#42
1,2-Dichloroethane
Concen: 50.436 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

Tgt Ion:	62	Resp:	182099
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.4





#43

Isopropyl Acetate

Concen: 50.923 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MSD

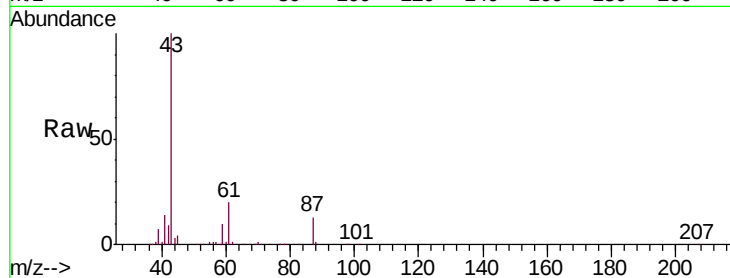
Tgt Ion: 43 Resp: 279892

Ion Ratio Lower Upper

43 100

61 20.2 15.5 23.3

87 13.4 10.6 16.0

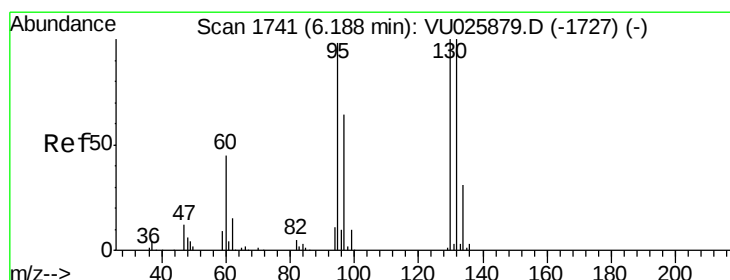
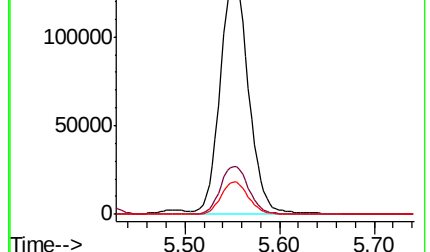
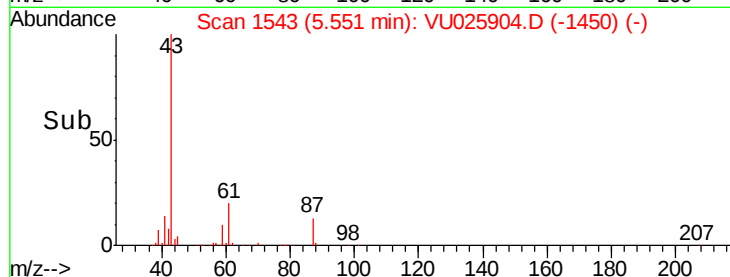


Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-1524) (-)

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

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

5.55



#44

Trichloroethene

Concen: 49.612 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025904.D

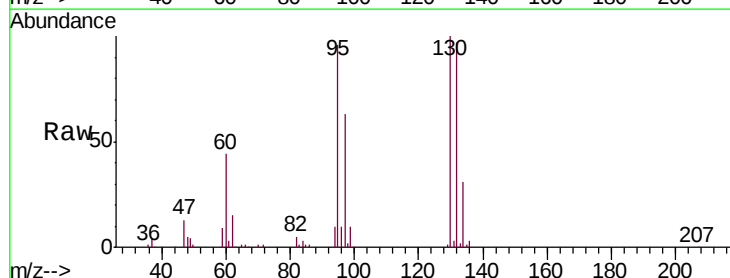
Acq: 06 Aug 2018 22:23

Tgt Ion: 130 Resp: 129548

Ion Ratio Lower Upper

130 100

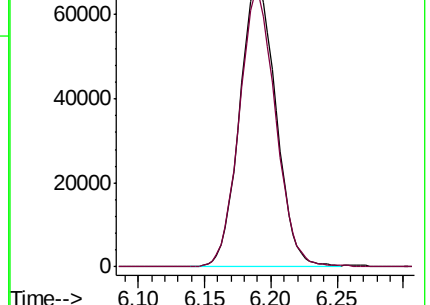
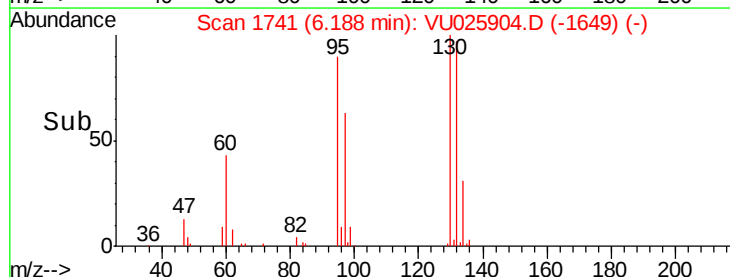
95 96.0 0.0 192.2

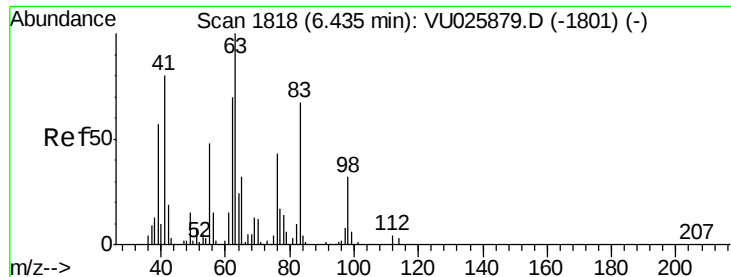


Abundance Ion 129.80 (129.50 to 130.50): VU025879.D (-1727) (-)

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

6.19





#45

1,2-Dichloropropane

Concen: 50.817 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

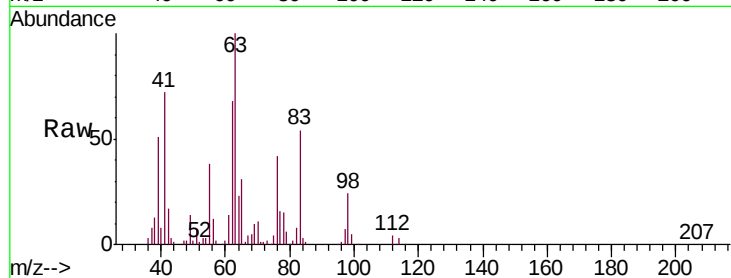
FL-0519MSD

Tgt Ion: 63 Resp: 124268

Ion Ratio Lower Upper

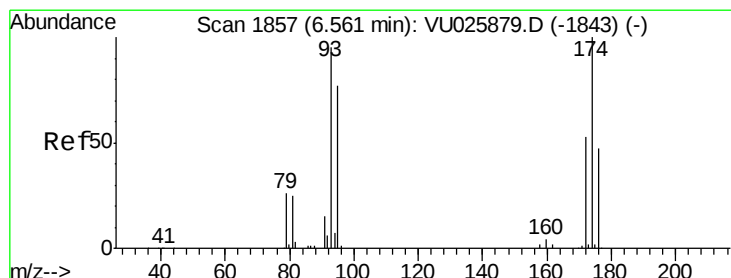
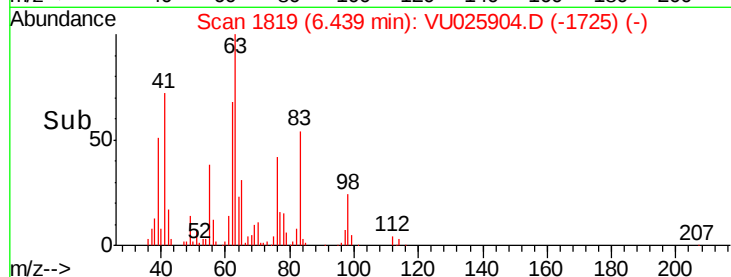
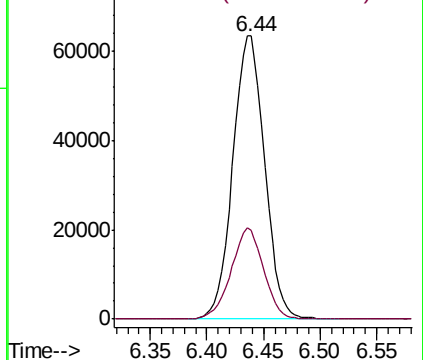
63 100

65 31.2 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 50.774 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

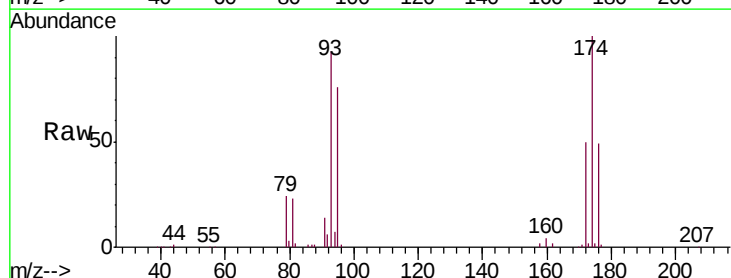
Tgt Ion: 93 Resp: 89966

Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

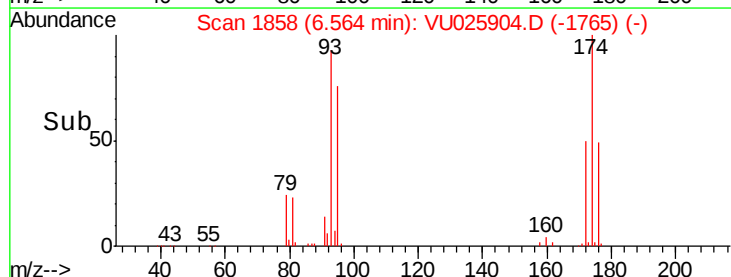
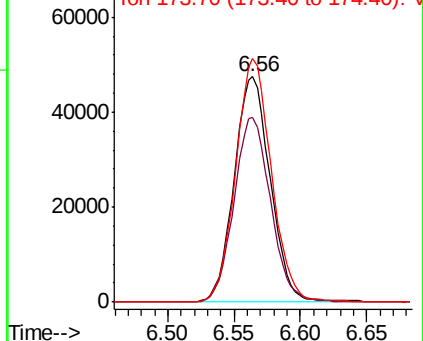
174 106.9 85.8 128.8

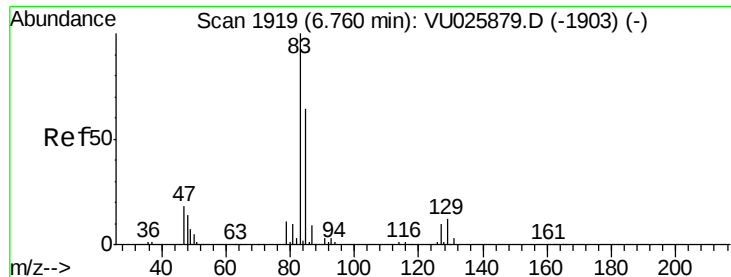


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.035 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MSD

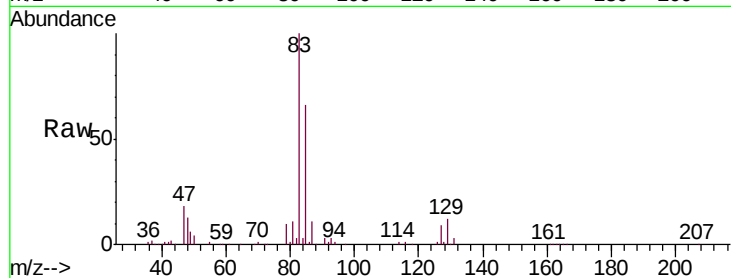
Tgt Ion: 83 Resp: 172495

Ion Ratio Lower Upper

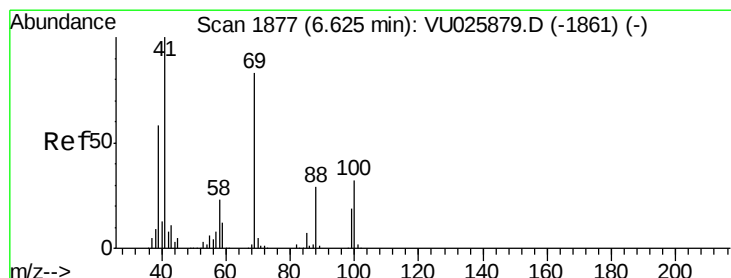
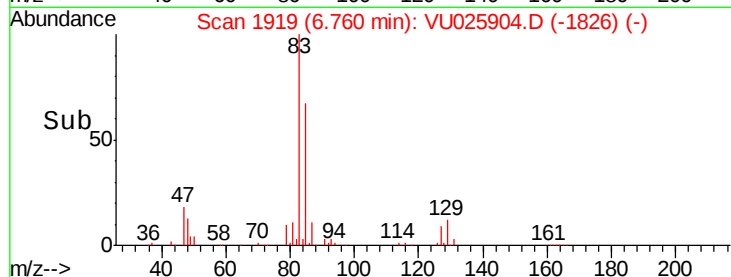
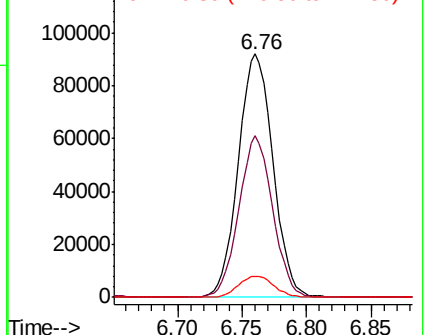
83 100

85 66.3 50.2 75.4

127 8.8 7.2 10.8



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



#48

Methyl methacrylate

Concen: 52.454 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

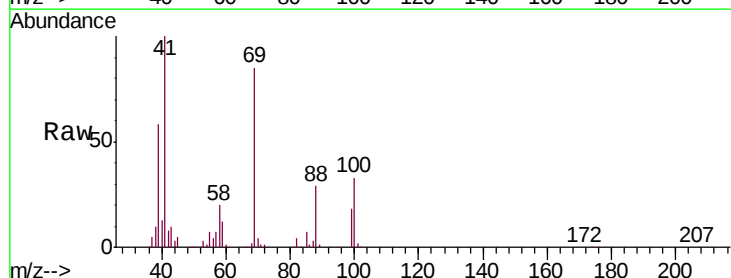
Tgt Ion: 41 Resp: 141304

Ion Ratio Lower Upper

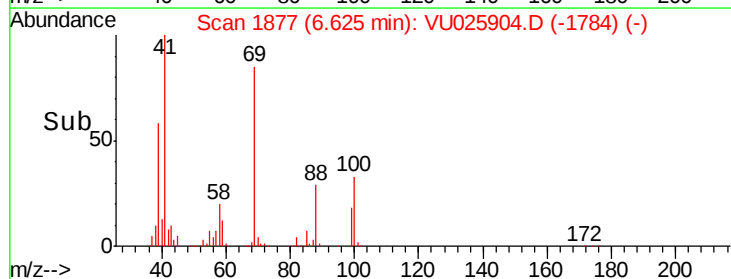
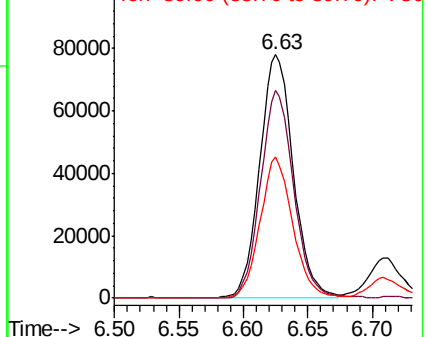
41 100

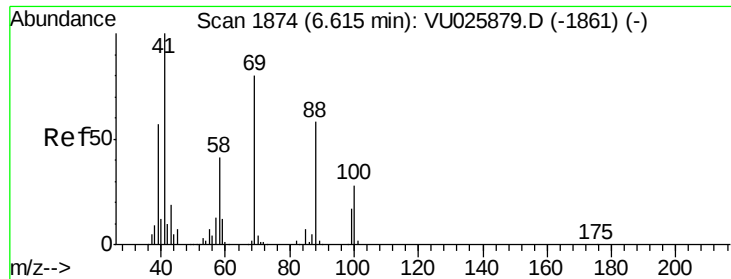
69 84.6 65.0 97.4

39 56.3 46.4 69.6



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

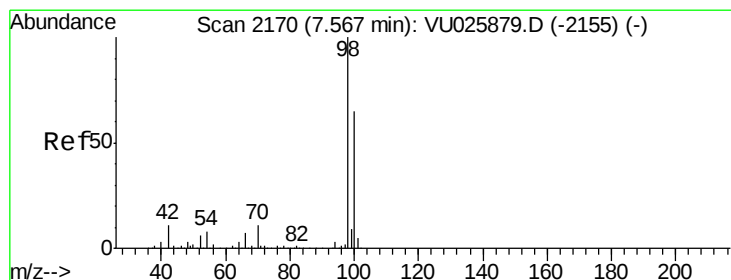
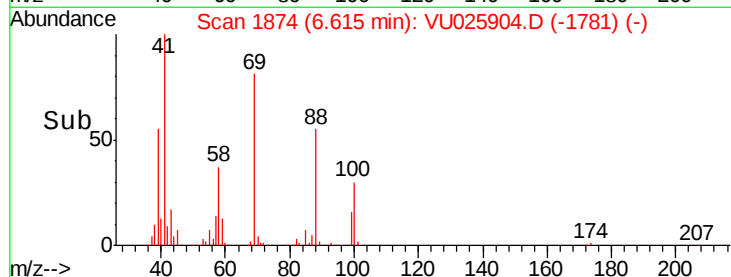
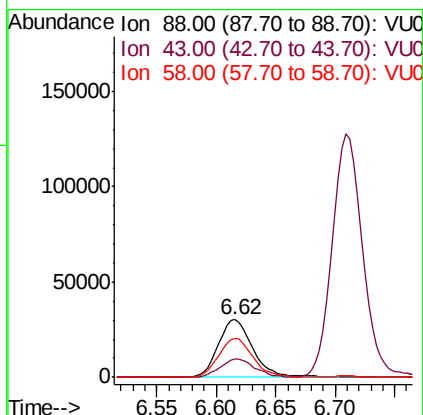
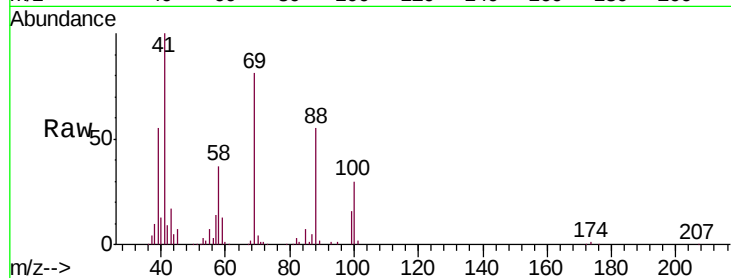




#49
1,4-Dioxane
Concen: 907.024 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

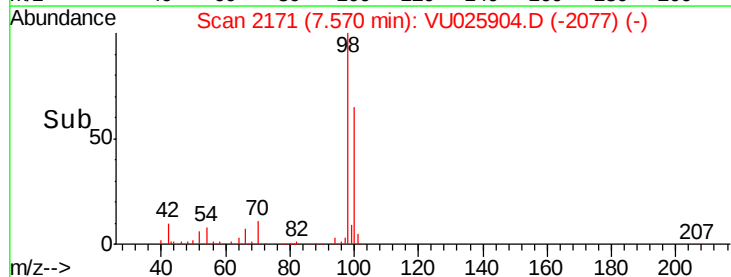
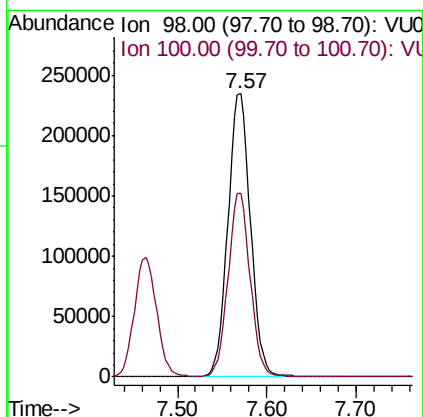
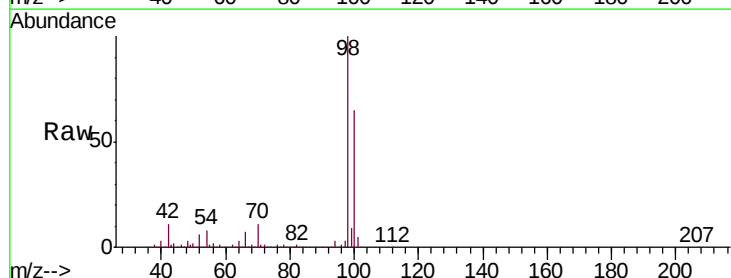
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MSD

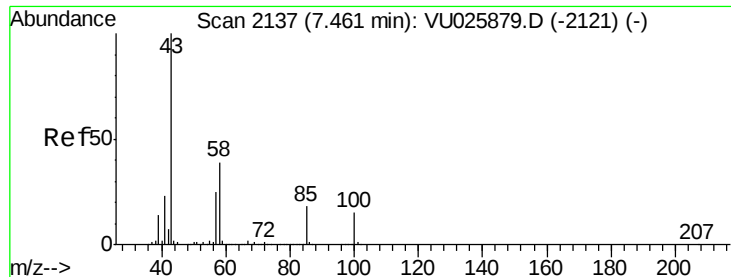
Tgt Ion: 88 Resp: 59459
Ion Ratio Lower Upper
88 100
43 32.0 27.3 40.9
58 68.7 57.6 86.4



#50
Toluene-d8
Concen: 49.258 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

Tgt Ion: 98 Resp: 411506
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 327.301 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

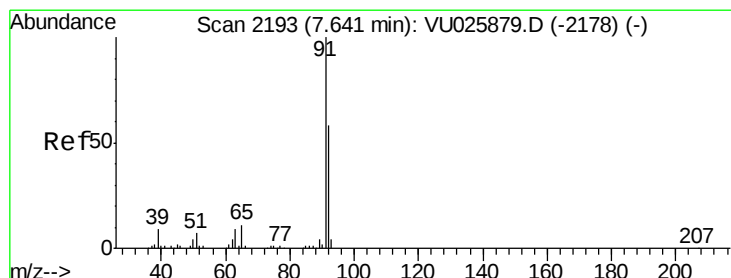
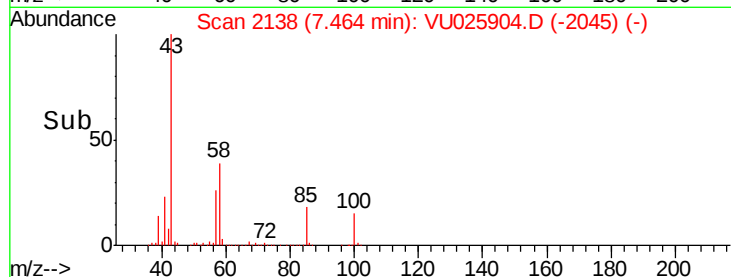
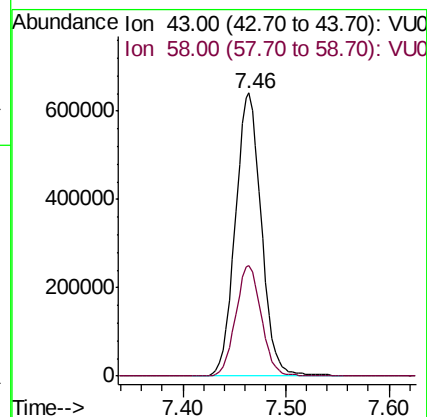
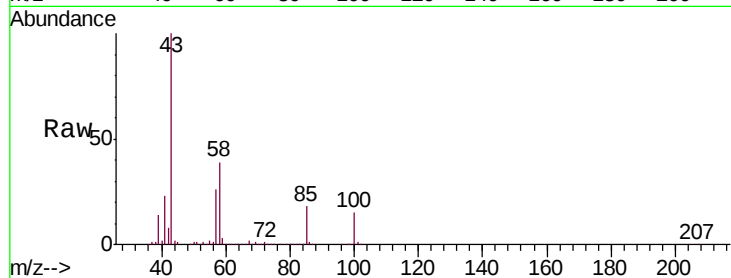
FL-0519MSD

Tgt Ion: 43 Resp: 1126269

Ion Ratio Lower Upper

43 100

58 38.8 31.0 46.4



#52

Toluene

Concen: 51.588 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025904.D

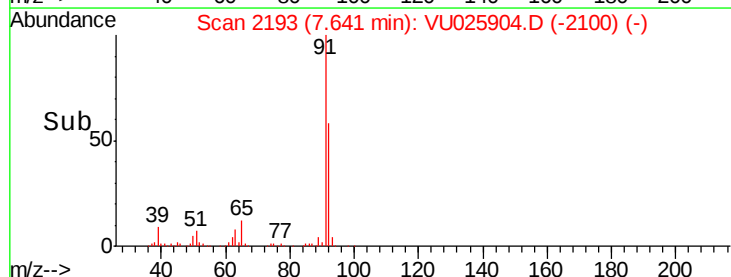
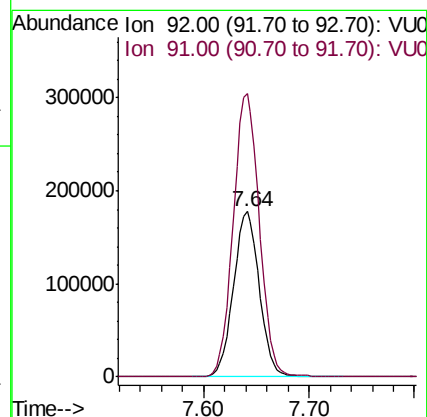
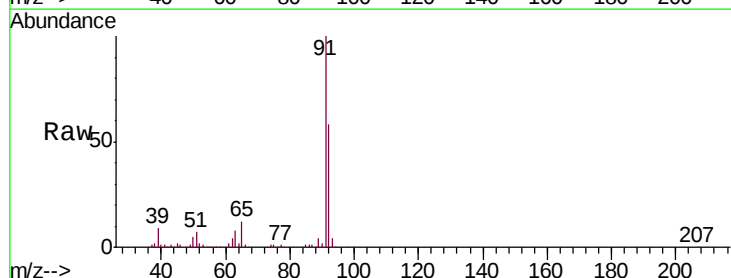
Acq: 06 Aug 2018 22:23

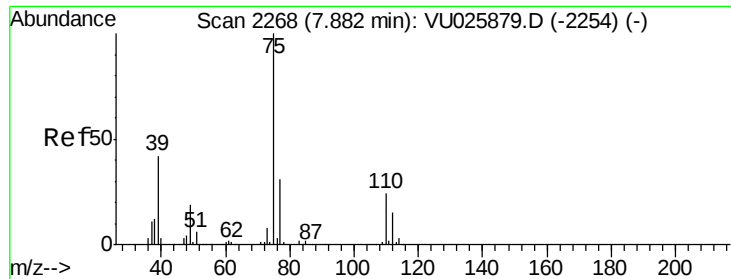
Tgt Ion: 92 Resp: 300508

Ion Ratio Lower Upper

92 100

91 173.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 50.886 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

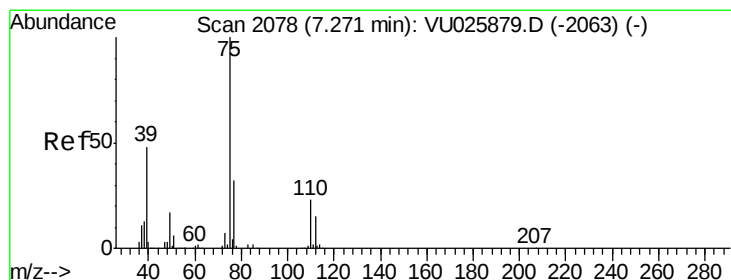
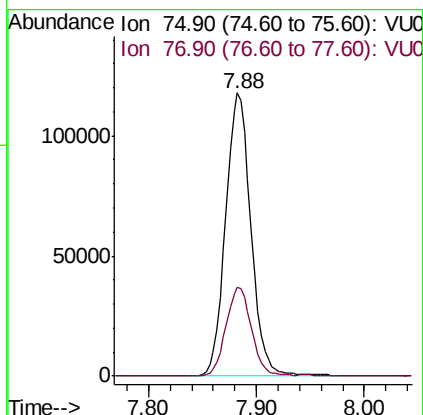
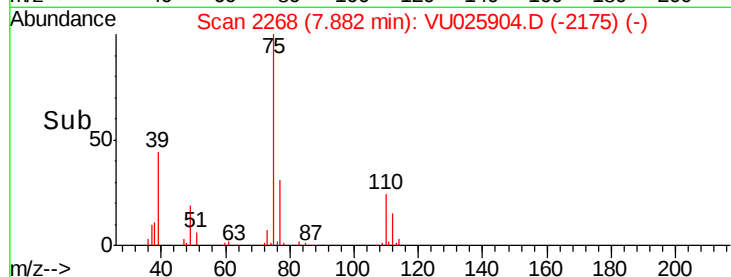
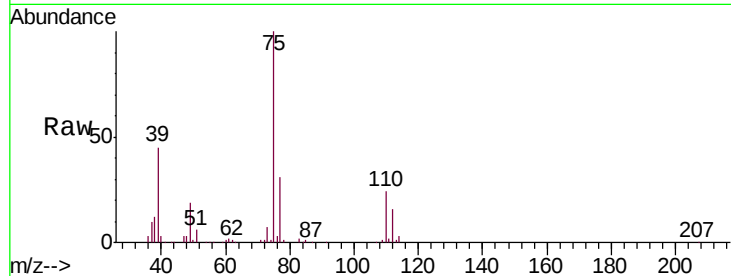
FL-0519MSD

Tgt Ion: 75 Resp: 193116

Ion Ratio Lower Upper

75 100

77 31.3 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 50.118 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

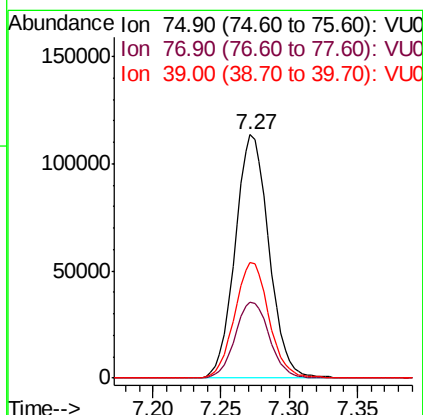
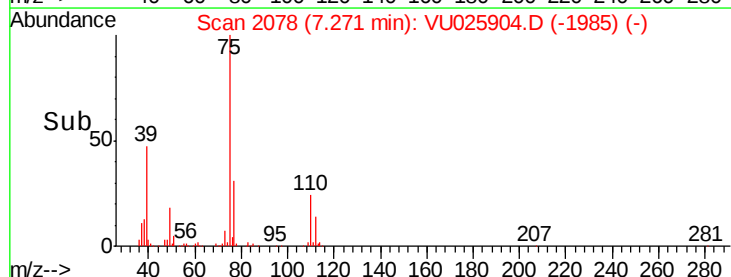
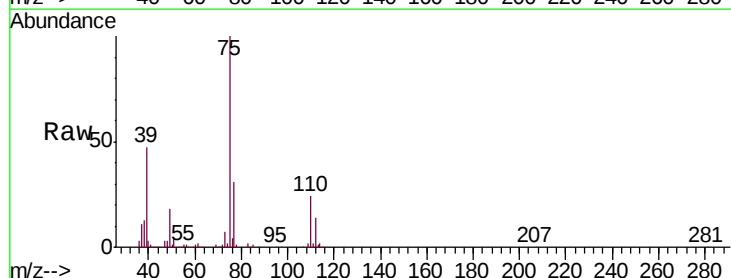
Tgt Ion: 75 Resp: 195379

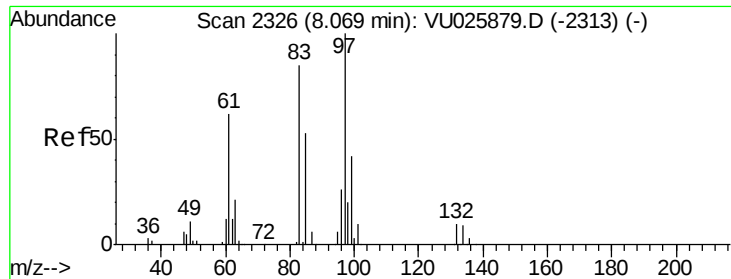
Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

39 47.3 40.0 60.0

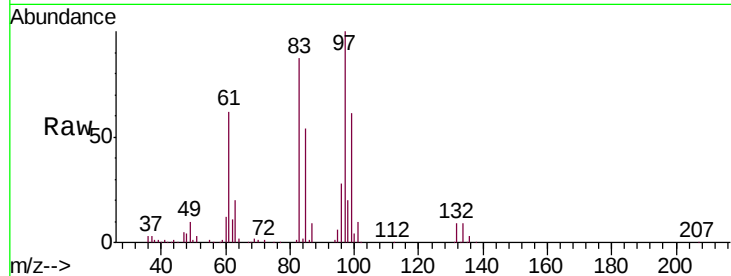




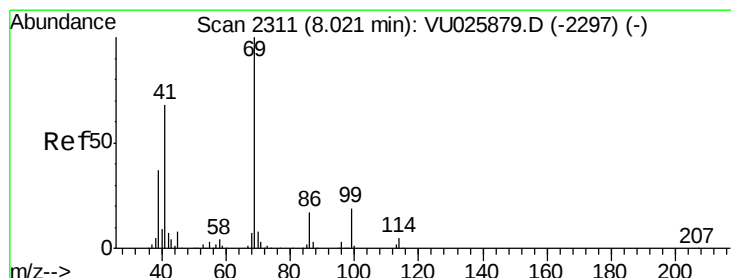
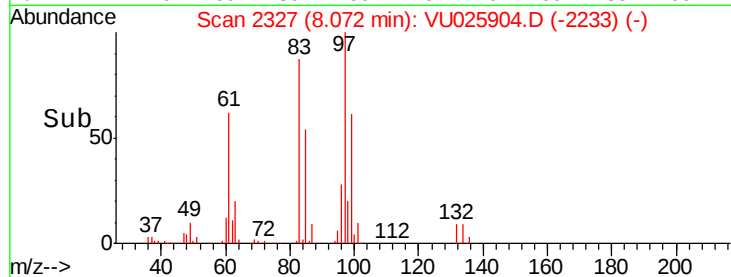
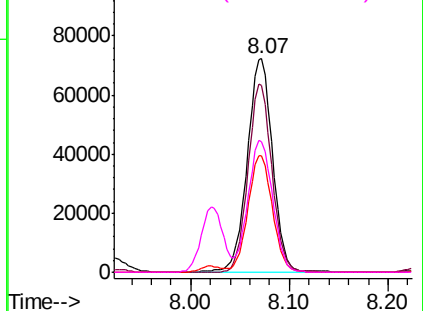
#55
 1,1,2-Trichloroethane
 Concen: 52.698 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MSD

Tgt Ion:	97	Resp:	127571
Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.9	103.3
85	54.1	44.4	66.6
99	61.0	51.0	76.4

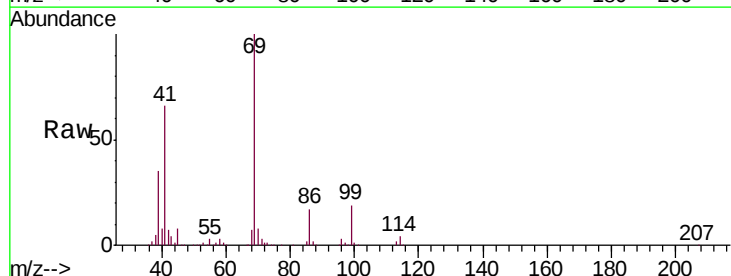


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

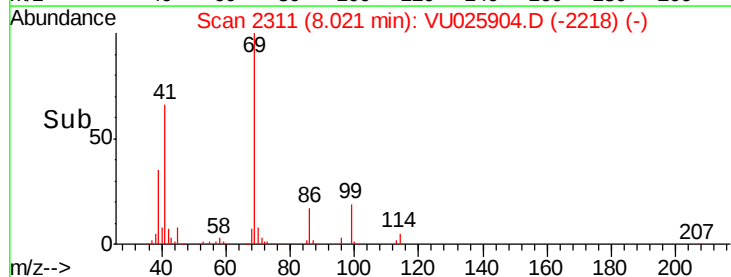
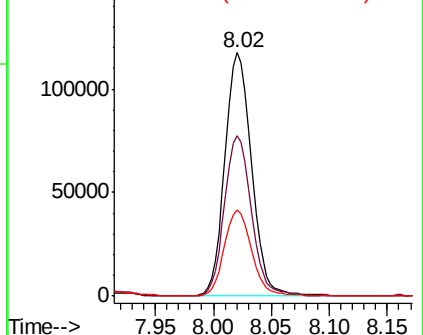


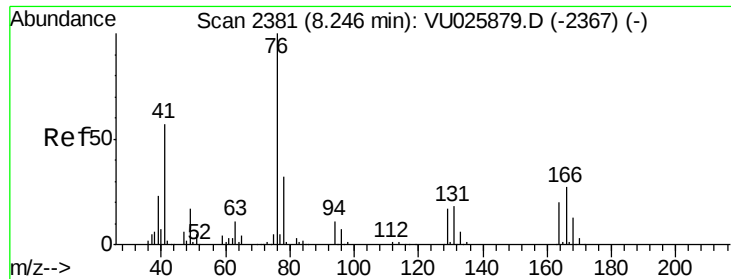
#56
 Ethyl methacrylate
 Concen: 54.361 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Tgt Ion:	69	Resp:	188025
Ion	Ratio	Lower	Upper
69	100		
41	66.7	54.8	82.2
39	36.1	31.1	46.7



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

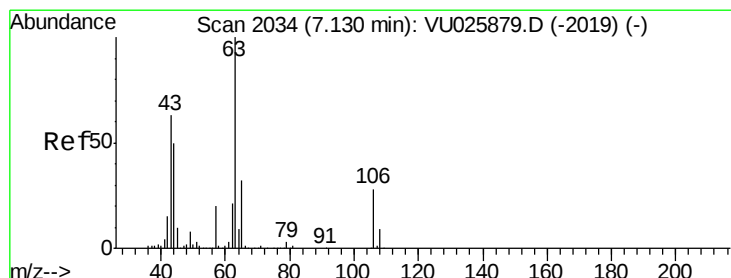
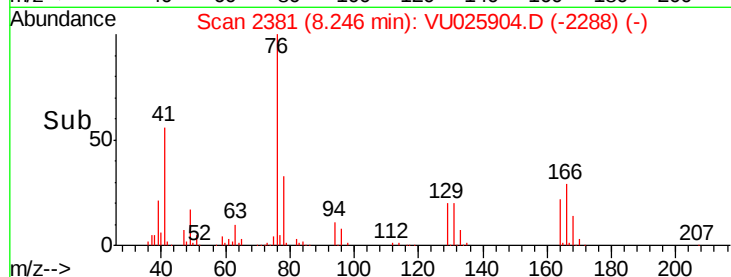
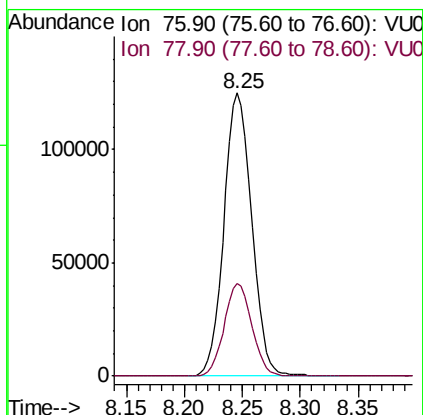
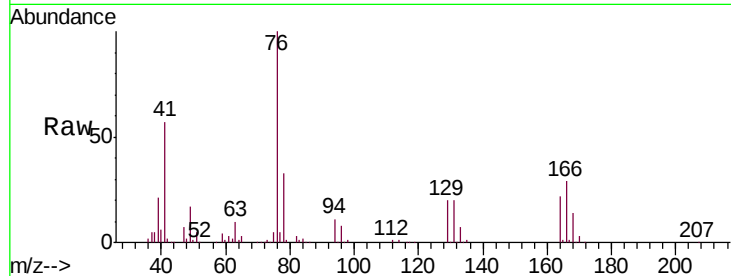




#57
 1,3-Dichloropropane
 Concen: 51.135 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

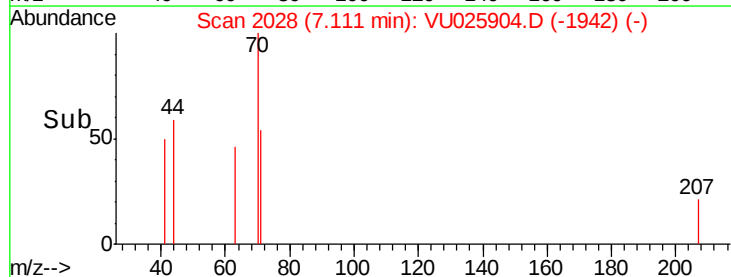
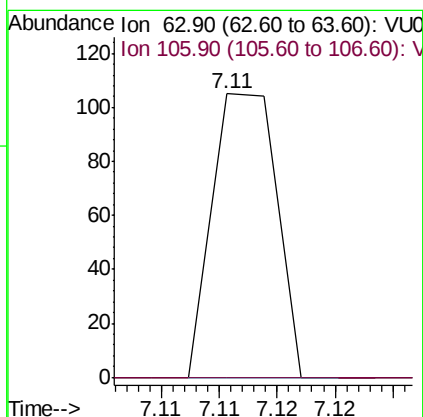
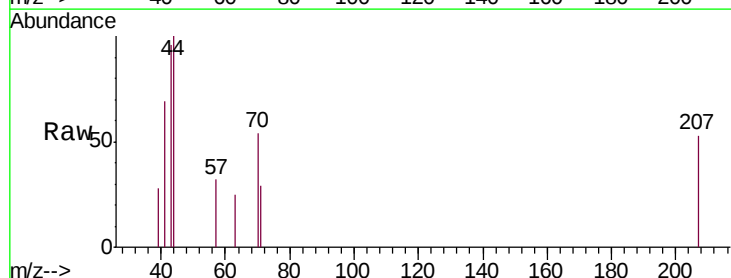
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MSD

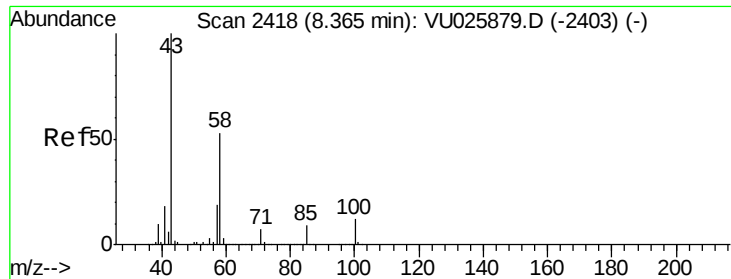
Tgt Ion: 76 Resp: 208176
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 7.101 ug/l
 RT: 7.11 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Tgt Ion: 63 Resp: 40
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.3 33.5#

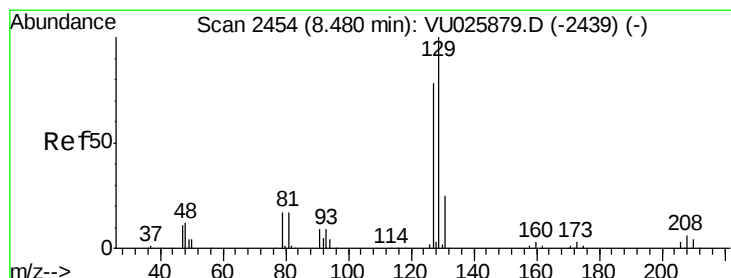
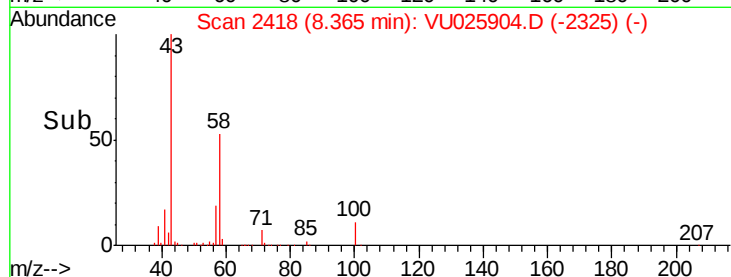
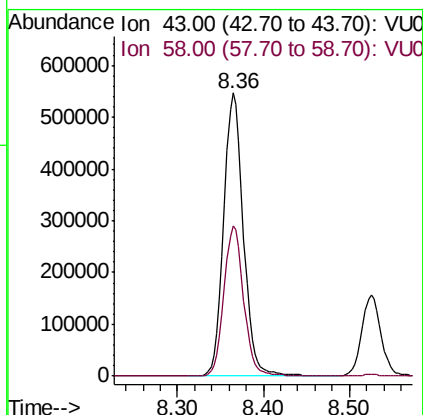
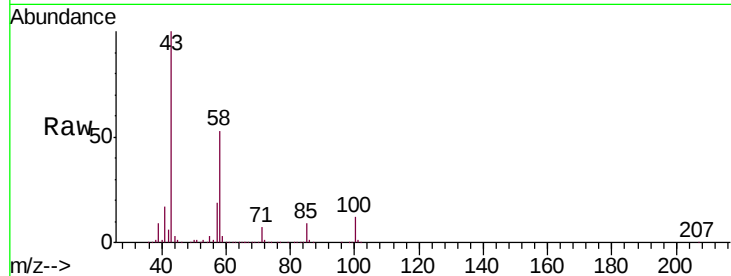




#59
2-Hexanone
Concen: 323.339 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

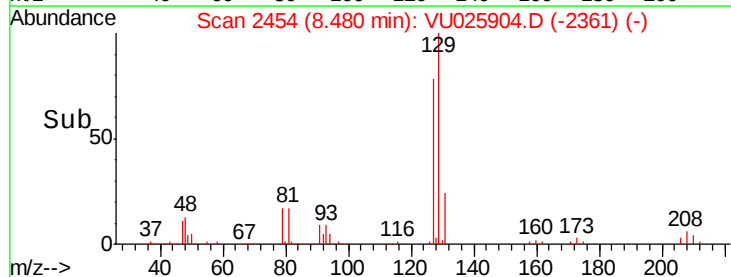
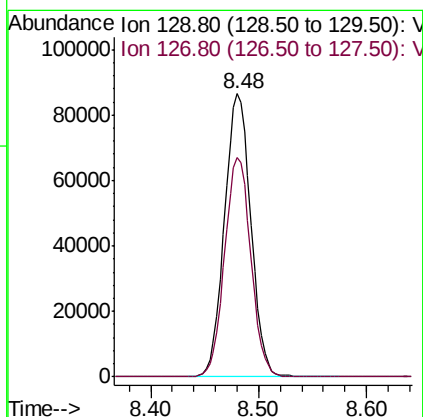
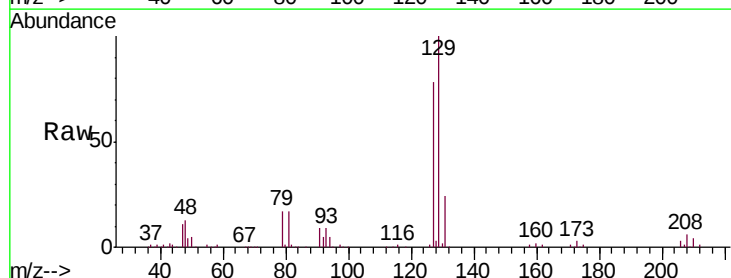
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MSD

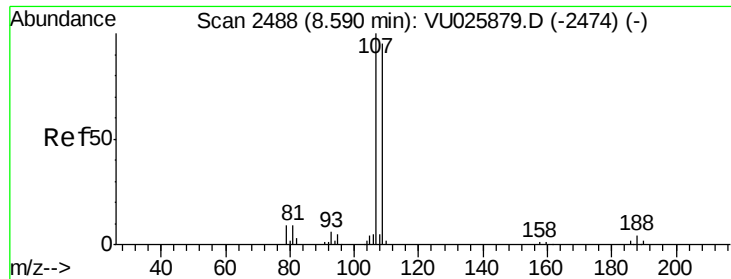
Tgt Ion: 43 Resp: 872169
Ion Ratio Lower Upper
43 100
58 53.5 26.2 78.5



#60
Dibromochloromethane
Concen: 51.470 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

Tgt Ion: 129 Resp: 146934
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8

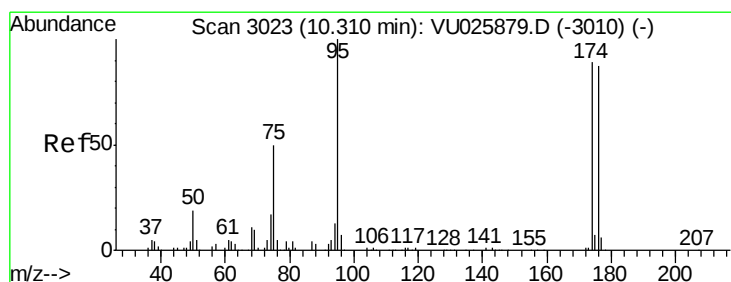
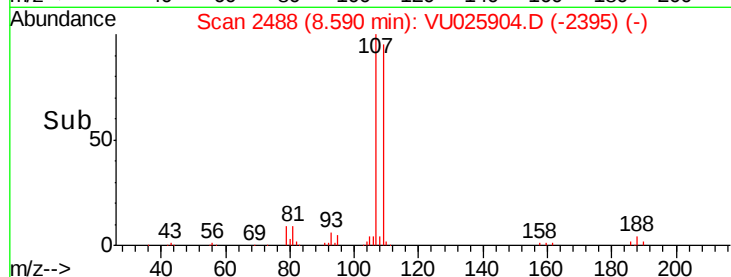
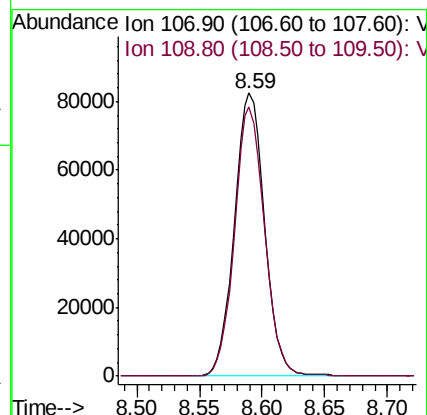
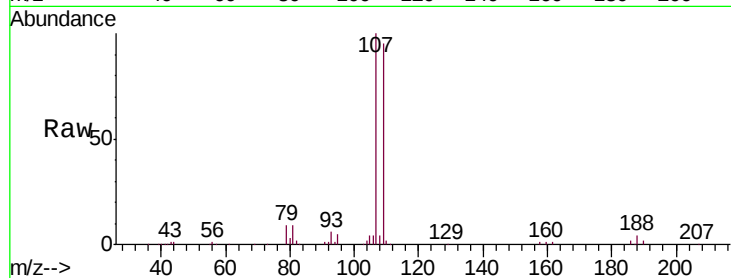




#61
 1,2-Dibromoethane
 Concen: 51.151 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

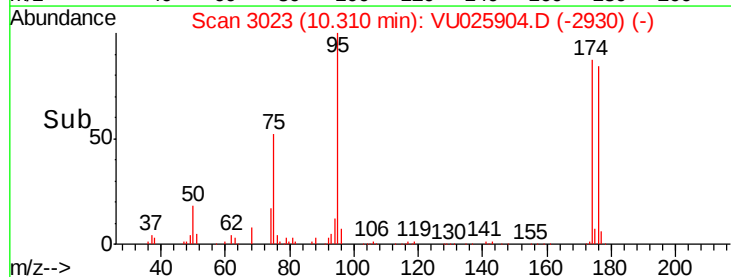
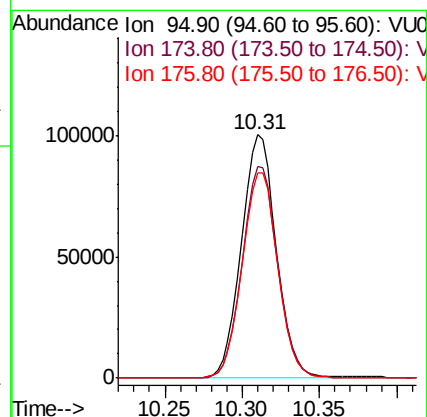
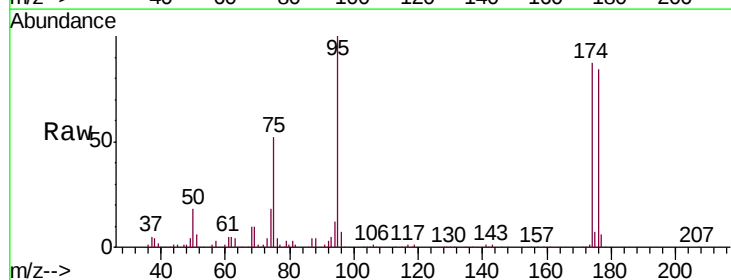
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MSD

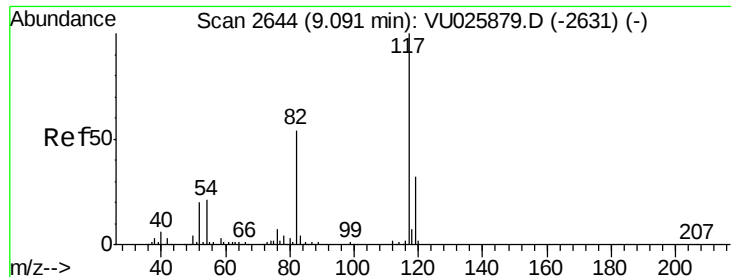
Tgt Ion: 107 Resp: 137712
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 48.672 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Tgt Ion: 95 Resp: 157821
 Ion Ratio Lower Upper
 95 100
 174 88.2 0.0 172.2
 176 86.1 0.0 162.6

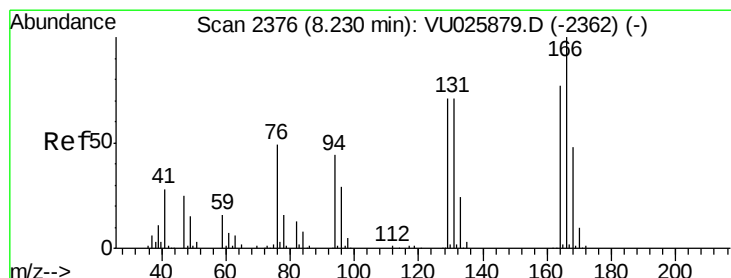
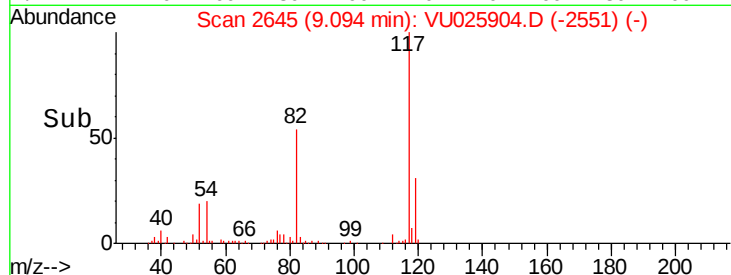
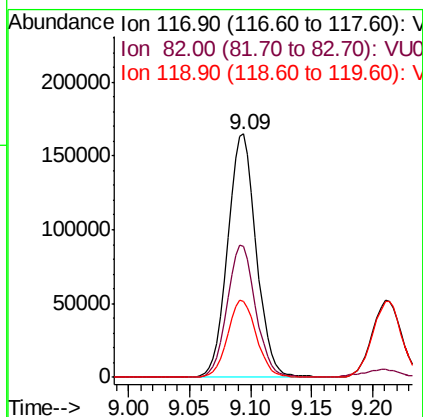
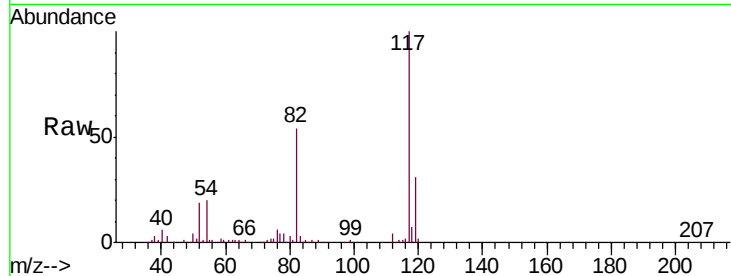




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

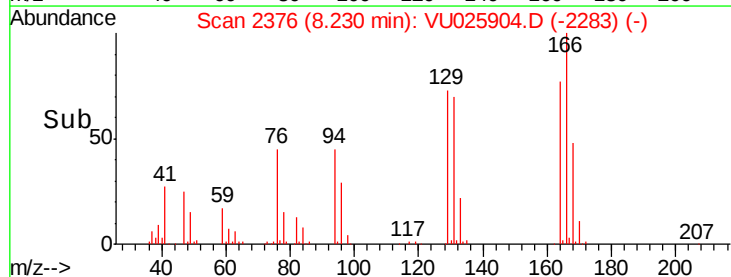
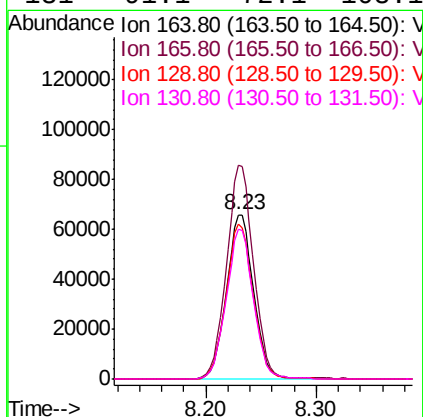
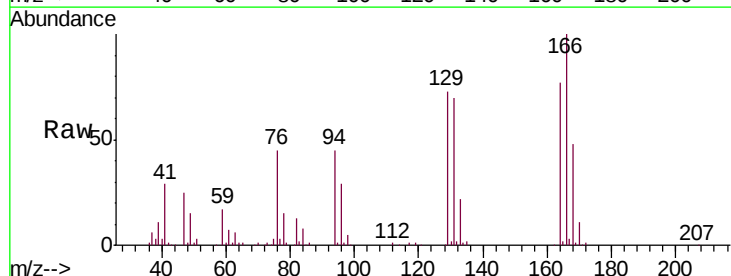
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MSD

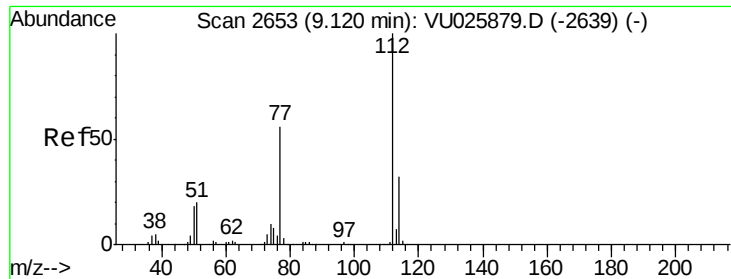
Tgt Ion:117 Resp: 270206
Ion Ratio Lower Upper
117 100
82 53.9 46.0 69.0
119 31.2 26.0 39.0



#64
Tetrachloroethene
Concen: 47.175 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

Tgt Ion:164 Resp: 112198
Ion Ratio Lower Upper
164 100
166 130.0 101.1 151.7
129 94.4 73.0 109.6
131 91.1 72.1 108.1

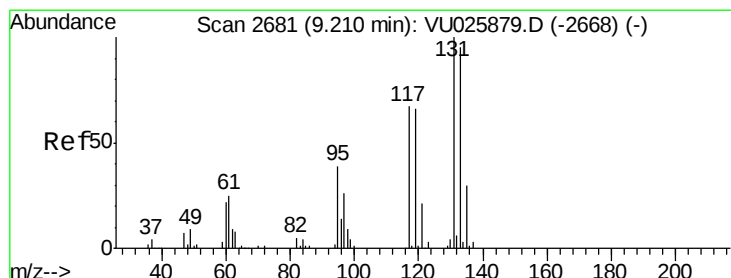
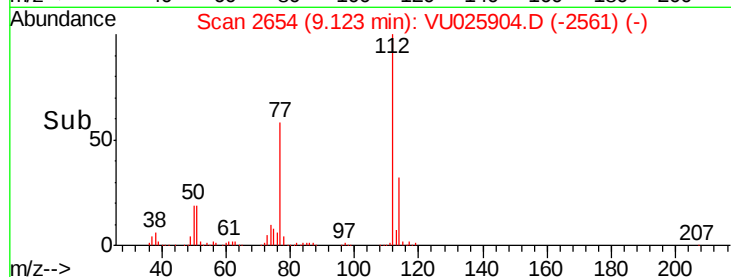
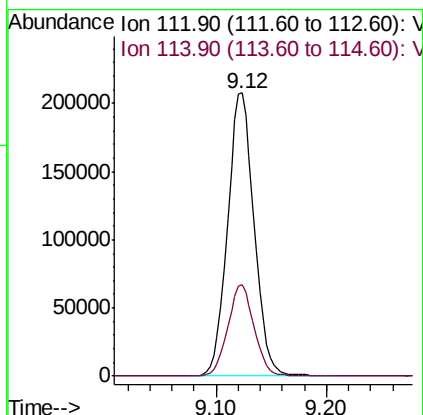
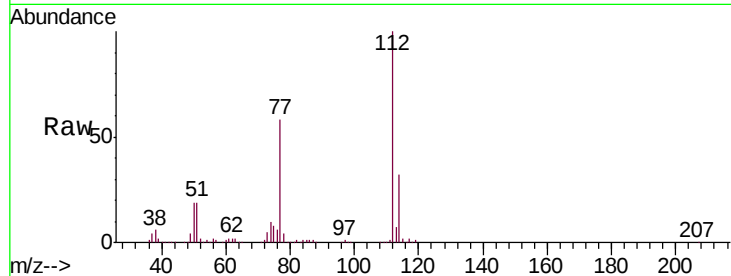




#65
Chlorobenzene
Concen: 49.711 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

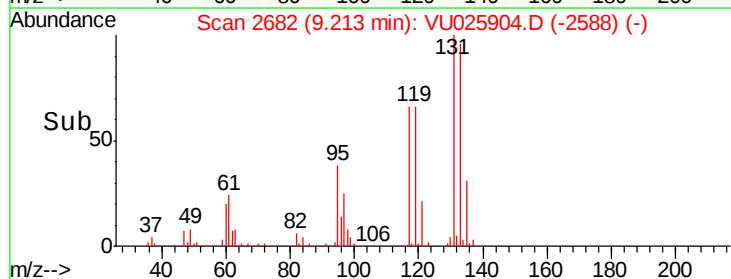
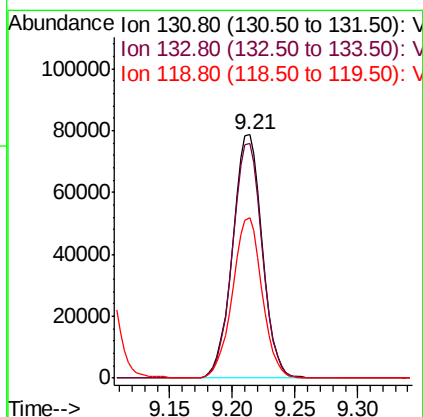
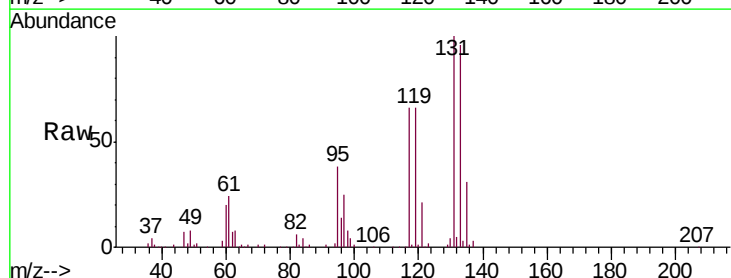
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MSD

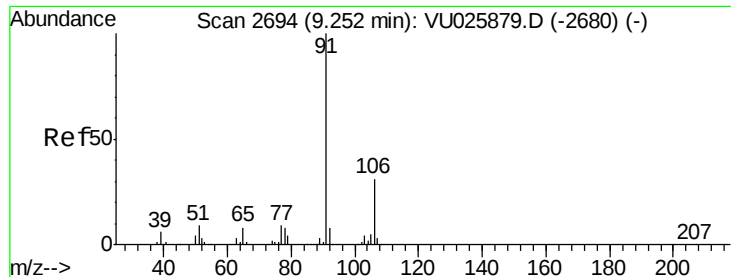
Tgt Ion:112 Resp: 346313
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.213 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

Tgt Ion:131 Resp: 129066
Ion Ratio Lower Upper
131 100
133 97.0 47.8 143.3
119 65.7 31.6 95.0

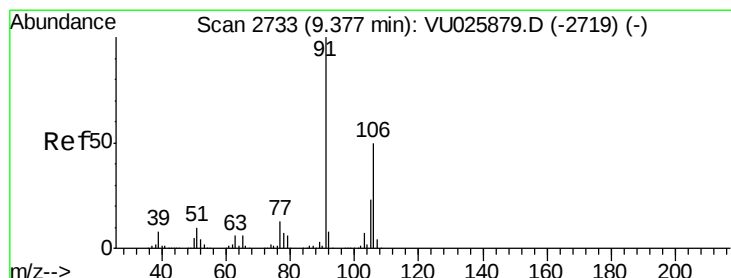
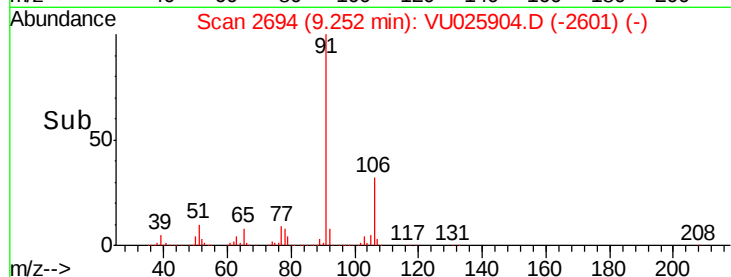
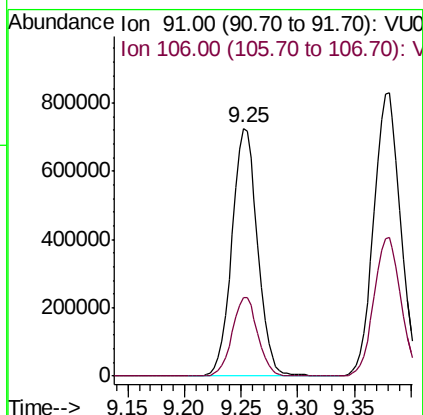
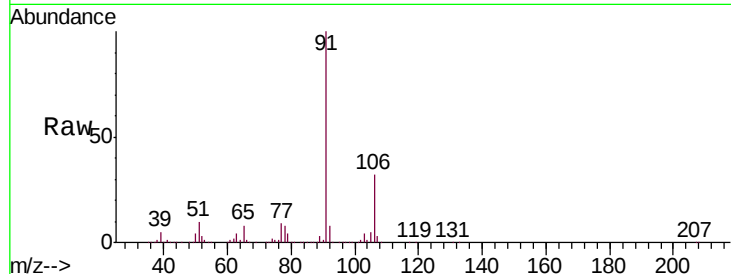




#67
Ethyl Benzene
Concen: 99.426 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

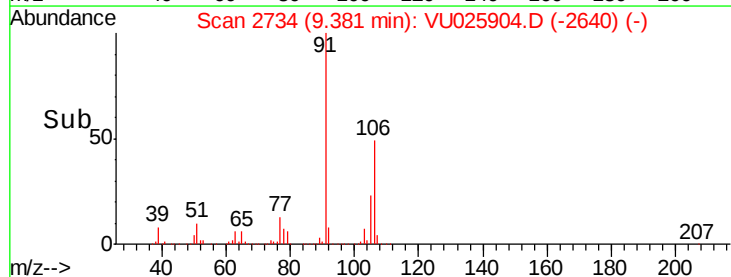
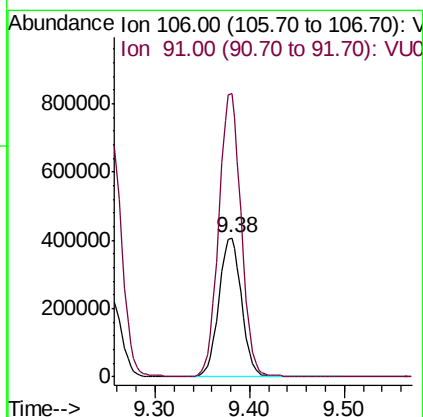
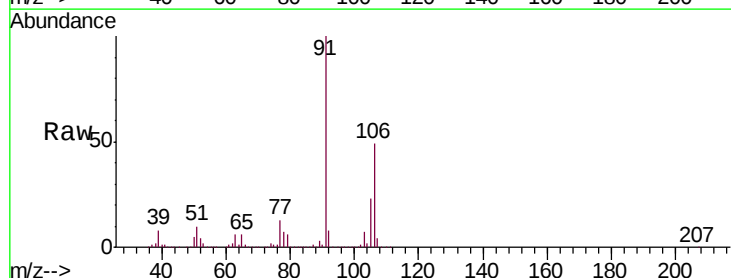
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MSD

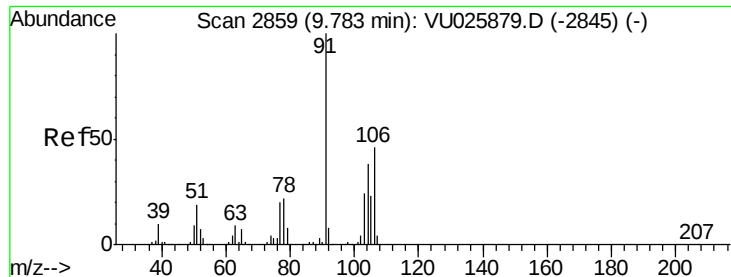
Tgt Ion: 91 Resp: 1147348
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 152.928 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

Tgt Ion: 106 Resp: 677516
Ion Ratio Lower Upper
106 100
91 202.0 162.3 243.5

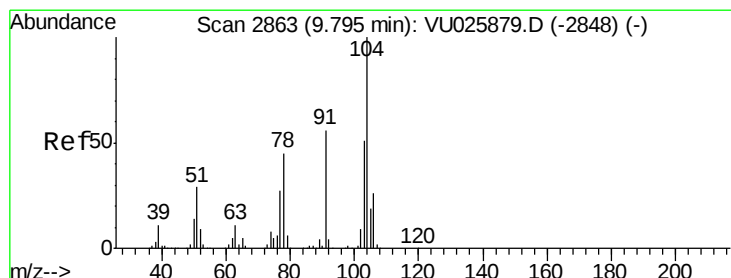
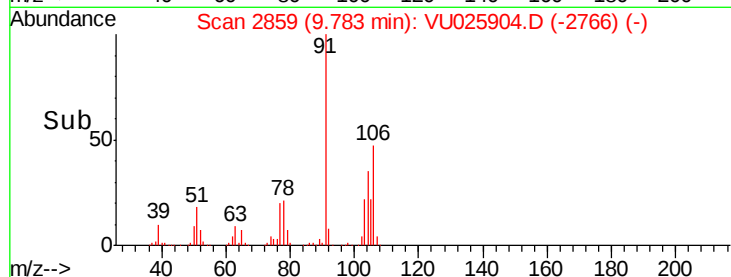
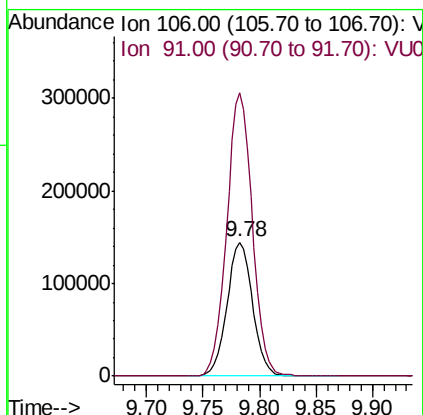
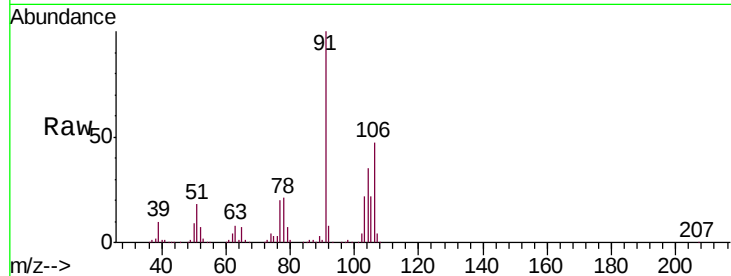




#69
o-Xylene
Concen: 52.511 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

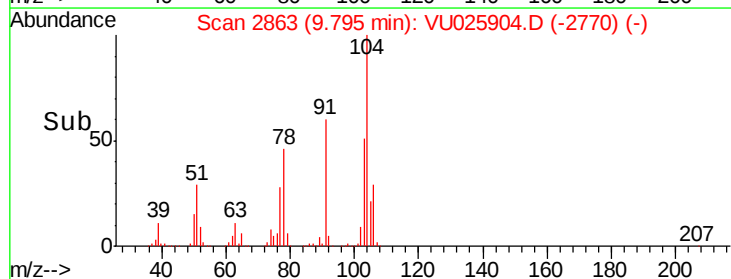
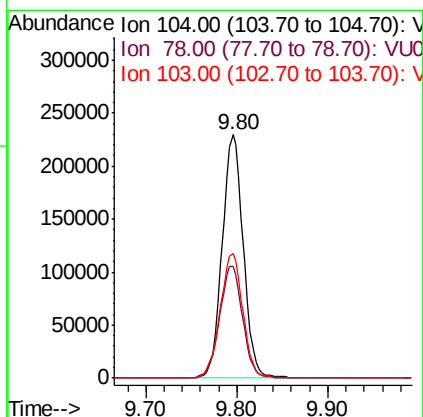
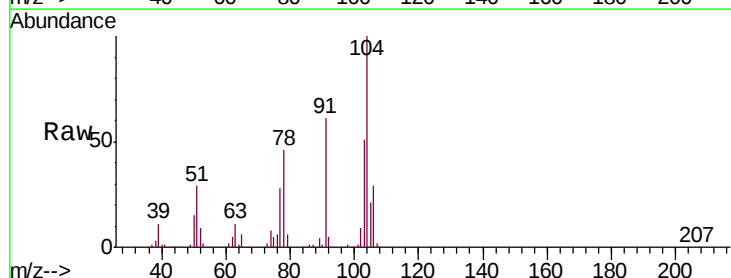
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MSD

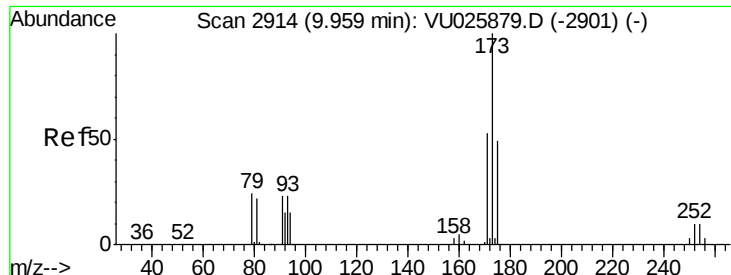
Tgt Ion:106 Resp: 227365
Ion Ratio Lower Upper
106 100
91 211.0 105.3 315.8



#70
Styrene
Concen: 52.851 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

Tgt Ion:104 Resp: 369633
Ion Ratio Lower Upper
104 100
78 50.3 41.6 62.4
103 55.1 44.6 66.8





#71

Bromoform

Concen: 52.562 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MSD

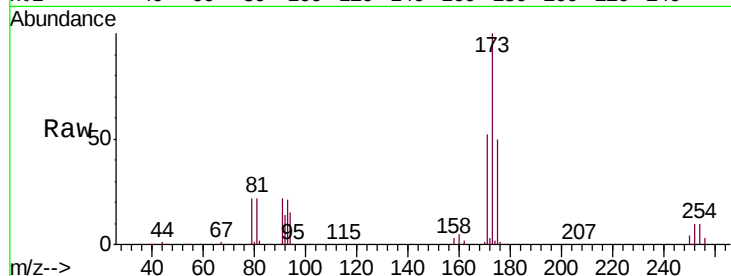
Tgt Ion:173 Resp: 114860

Ion Ratio Lower Upper

173 100

175 49.4 24.0 72.0

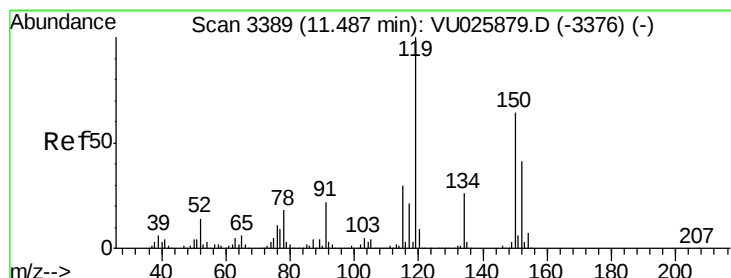
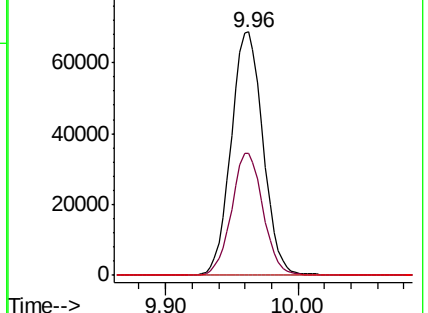
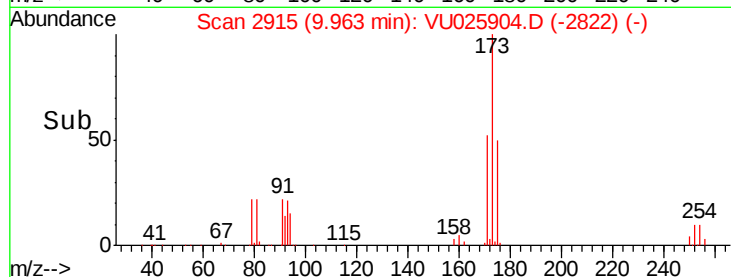
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

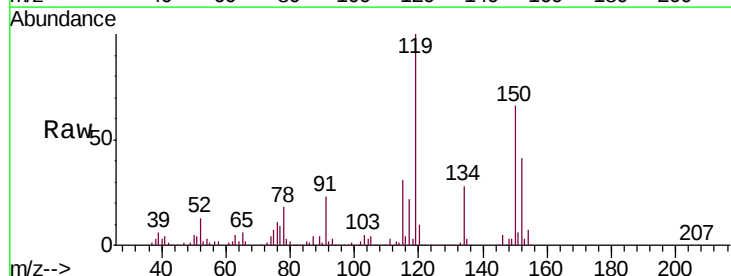
Tgt Ion:152 Resp: 168338

Ion Ratio Lower Upper

152 100

115 82.2 40.1 120.3

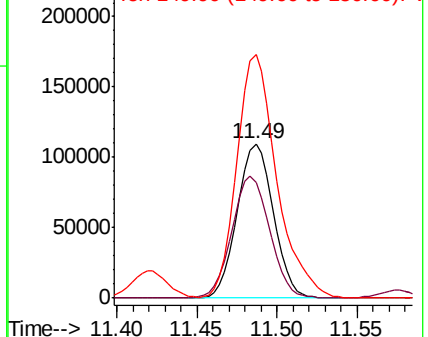
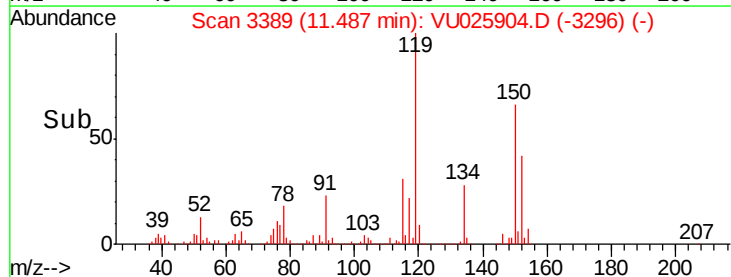
150 174.5 0.0 351.4

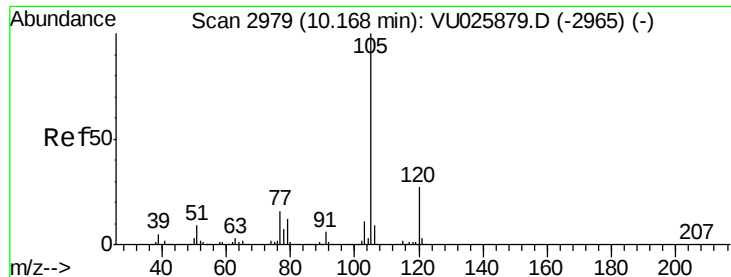


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.664 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

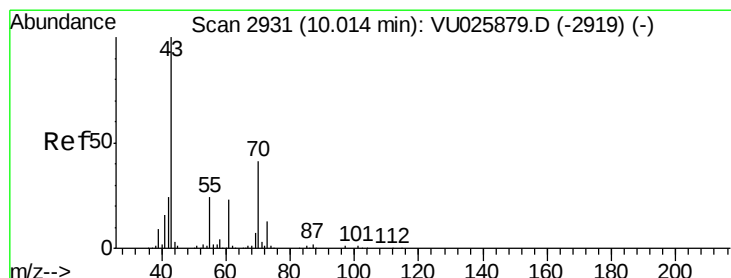
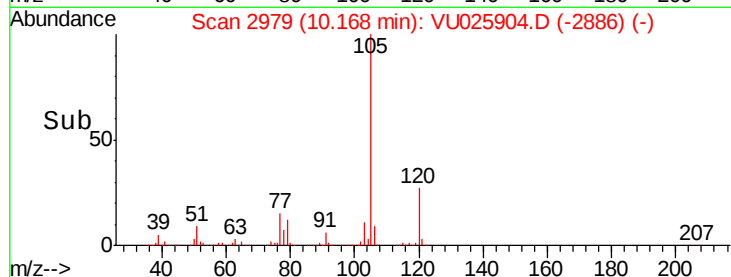
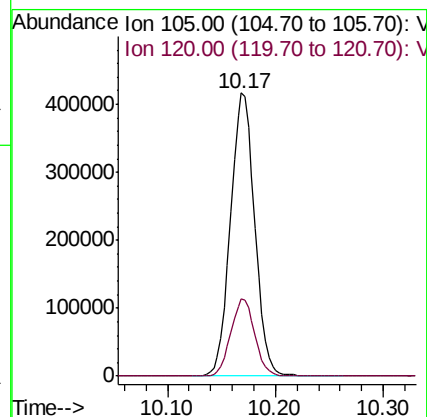
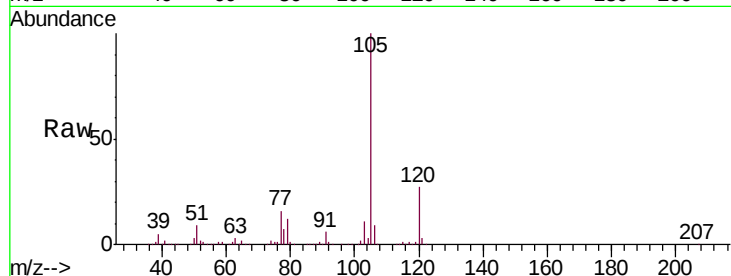
FL-0519MSD

Tgt Ion:105 Resp: 651038

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 52.353 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Tgt Ion: 43 Resp: 245560

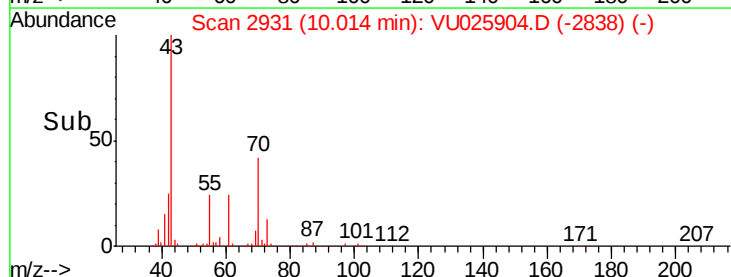
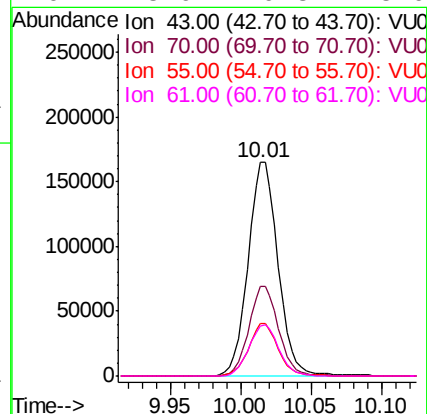
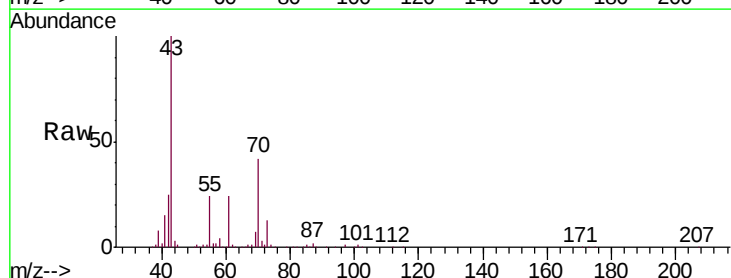
Ion Ratio Lower Upper

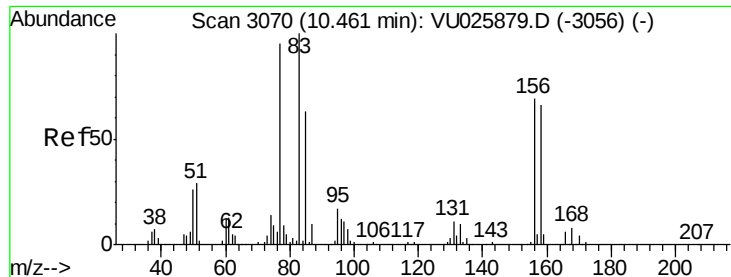
43 100

70 41.7 33.4 50.2

55 24.3 19.0 28.6

61 23.9 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.403 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MSD

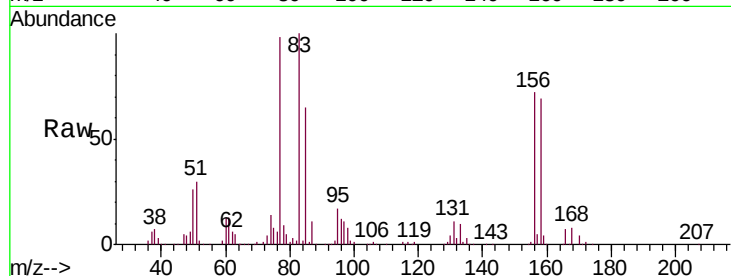
Tgt Ion: 83 Resp: 200262

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

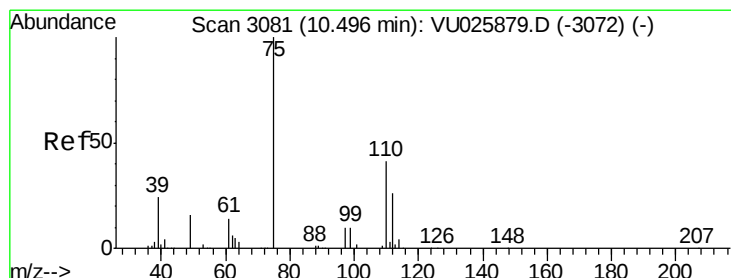
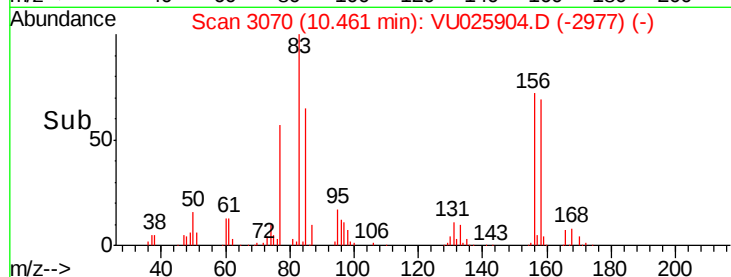
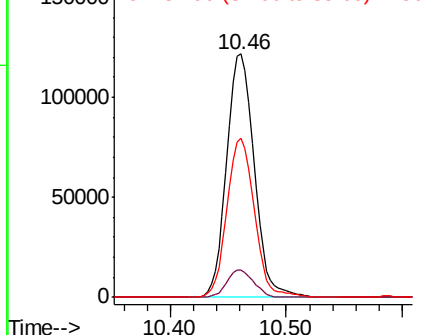
85 65.1 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 62.199 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025904.D

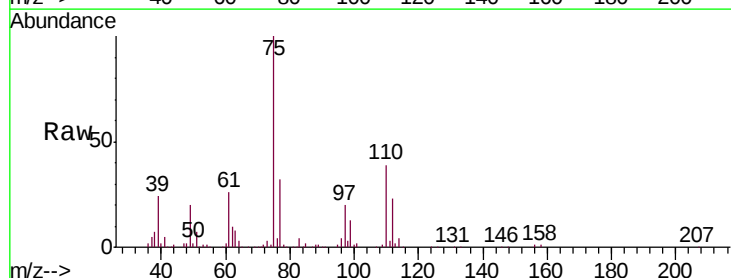
Acq: 06 Aug 2018 22:23

Tgt Ion: 75 Resp: 230699

Ion Ratio Lower Upper

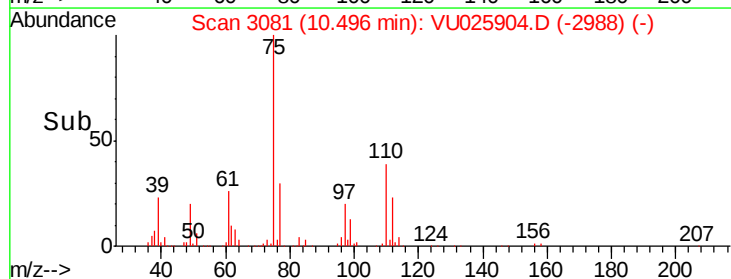
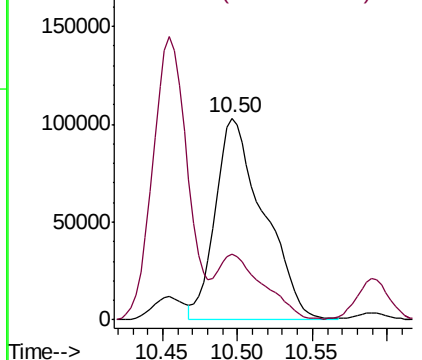
75 100

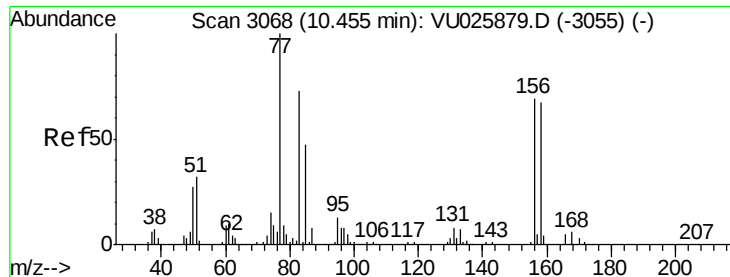
77 29.0 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 51.430 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MSD

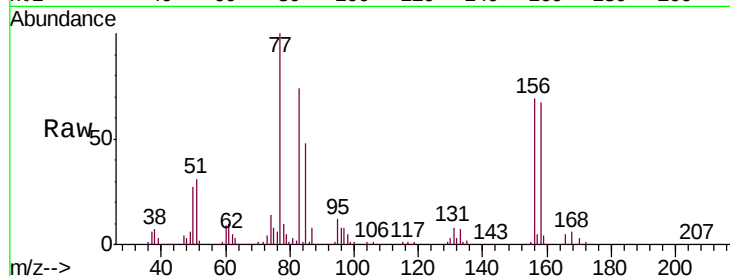
Tgt Ion:156 Resp: 162988

Ion Ratio Lower Upper

156 100

77 142.3 73.8 221.4

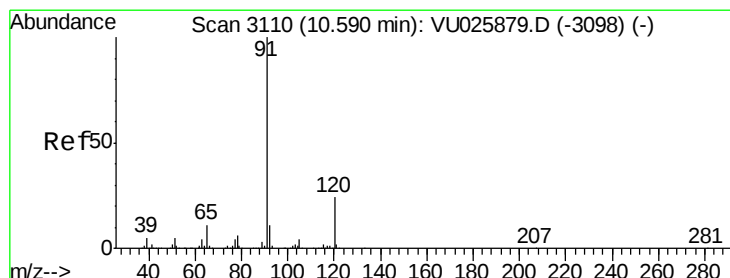
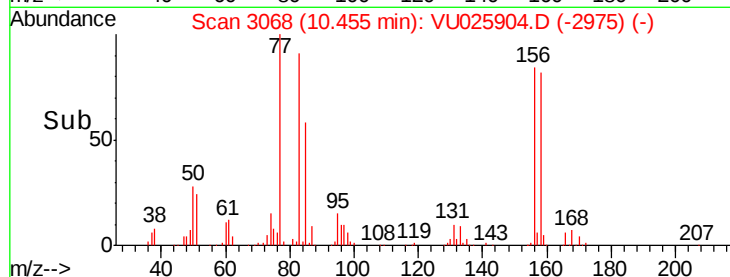
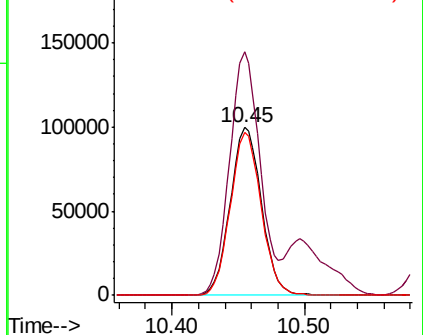
158 96.1 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 59.292 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025904.D

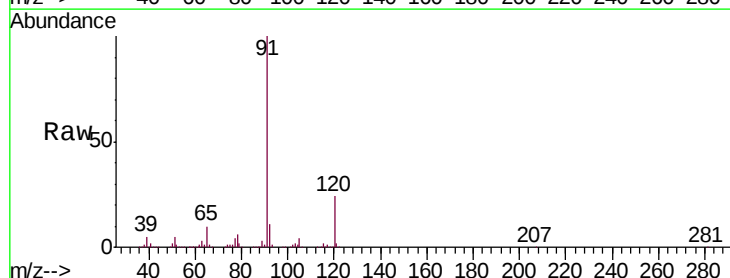
Acq: 06 Aug 2018 22:23

Tgt Ion: 91 Resp: 795111

Ion Ratio Lower Upper

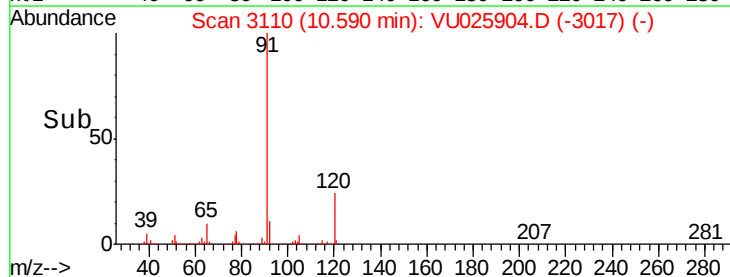
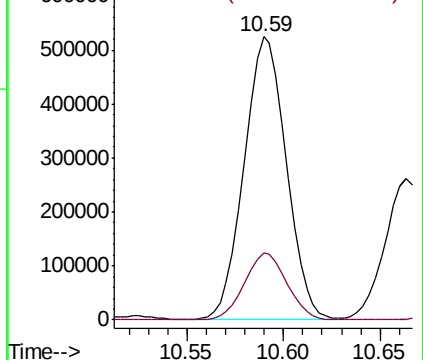
91 100

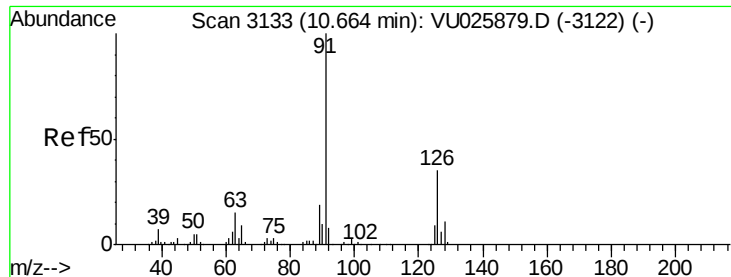
120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.837 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

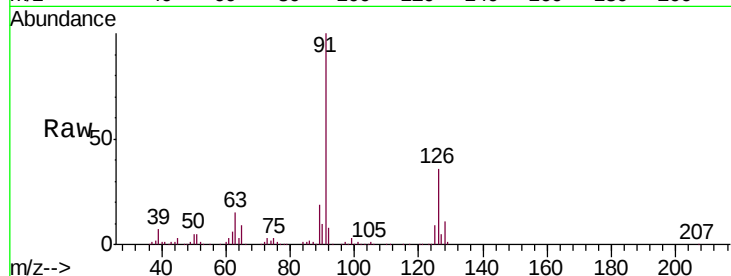
FL-0519MSD

Tgt Ion: 91 Resp: 399300

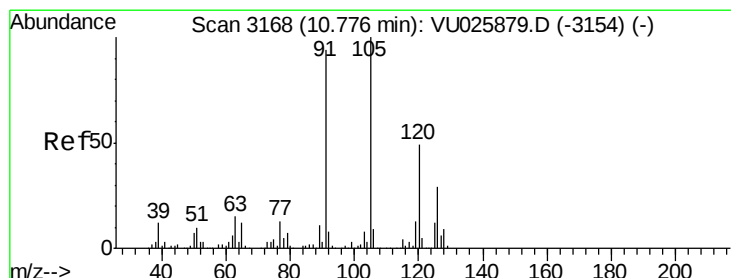
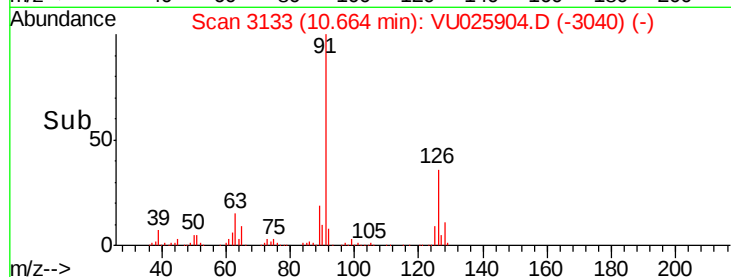
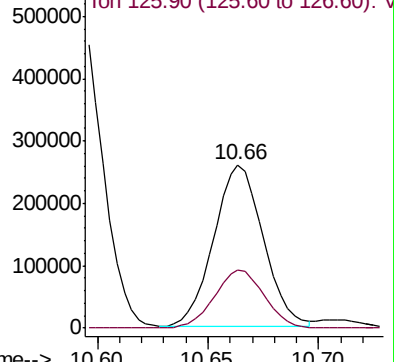
Ion Ratio Lower Upper

91 100

126 36.6 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VU025879.D (-3122) (-)



#80

1,3,5-Trimethylbenzene

Concen: 61.773 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025904.D

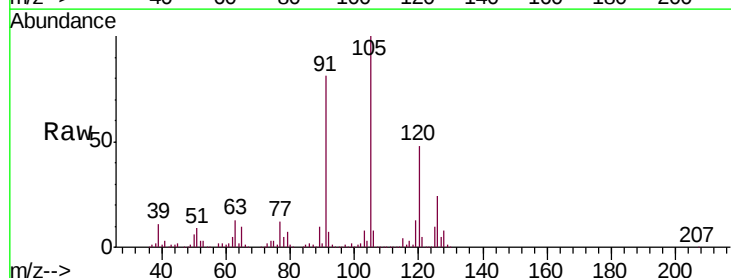
Acq: 06 Aug 2018 22:23

Tgt Ion: 105 Resp: 602760

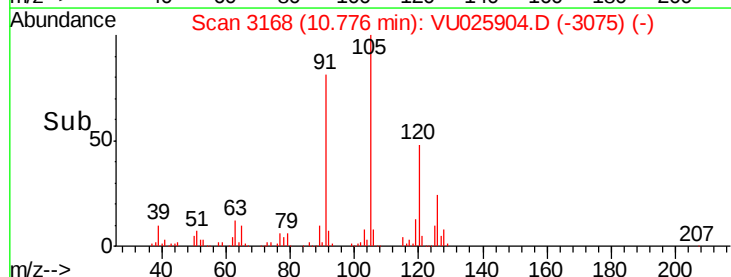
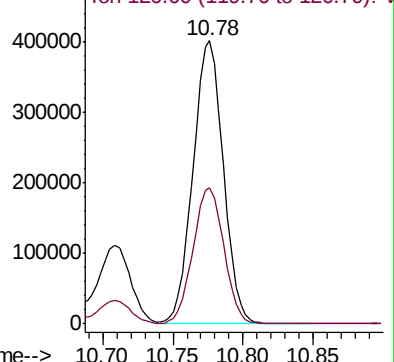
Ion Ratio Lower Upper

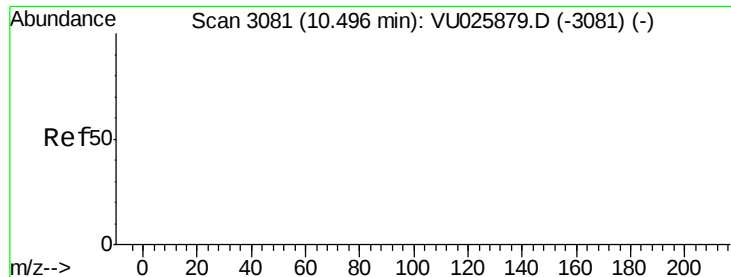
105 100

120 49.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU025879.D (-3154) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 155.965 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MSD

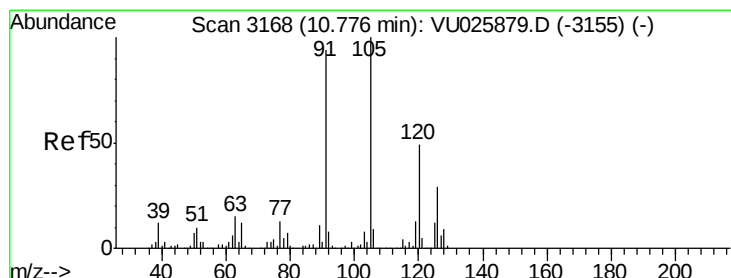
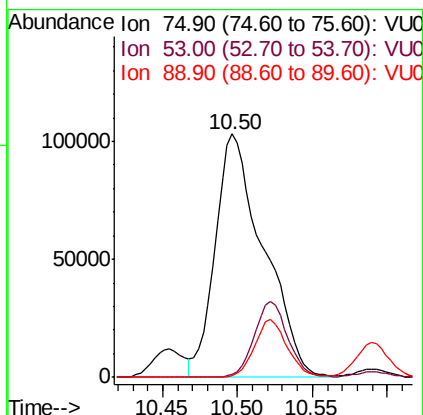
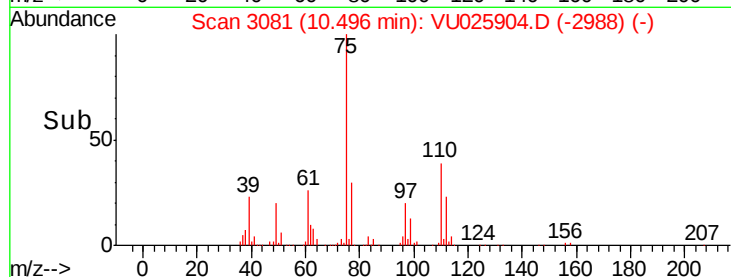
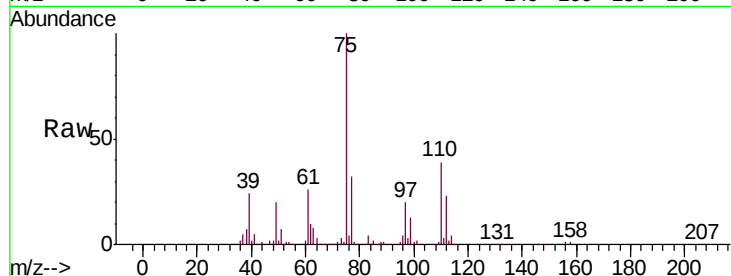
Tgt Ion: 75 Resp: 230699

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 53.723 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025904.D

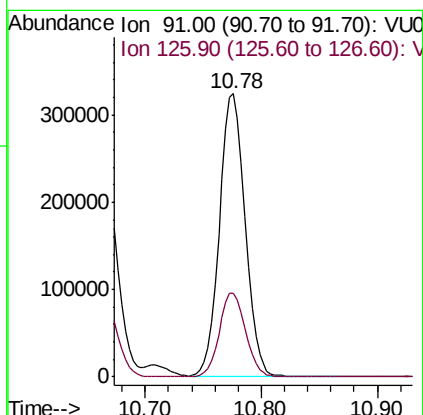
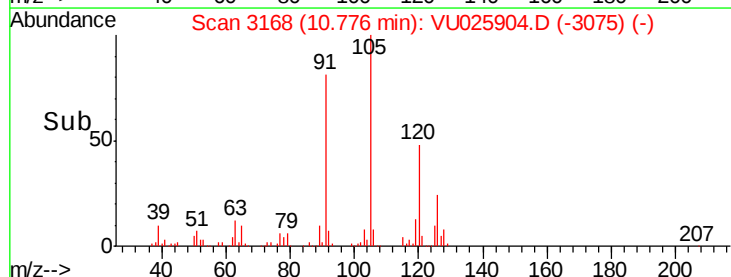
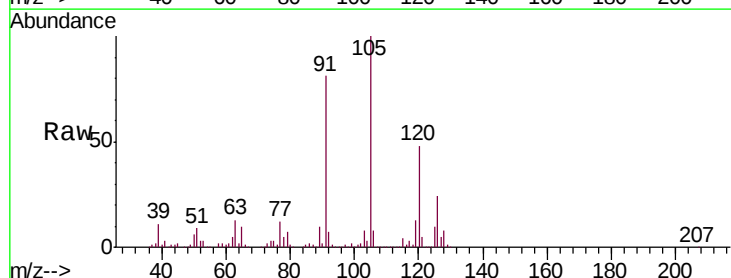
Acq: 06 Aug 2018 22:23

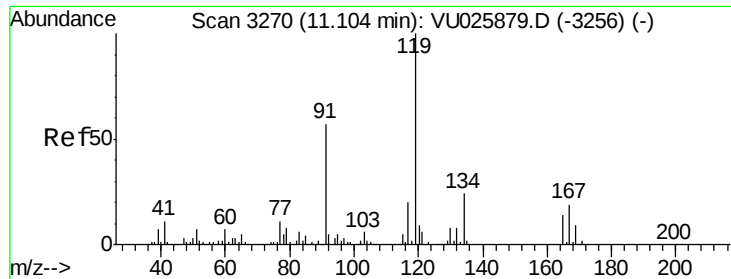
Tgt Ion: 91 Resp: 497403

Ion Ratio Lower Upper

91 100

126 30.2 15.3 45.9

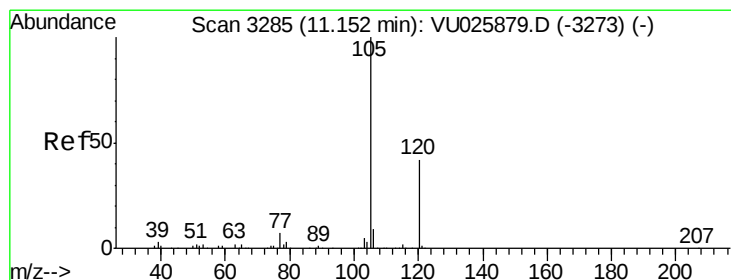
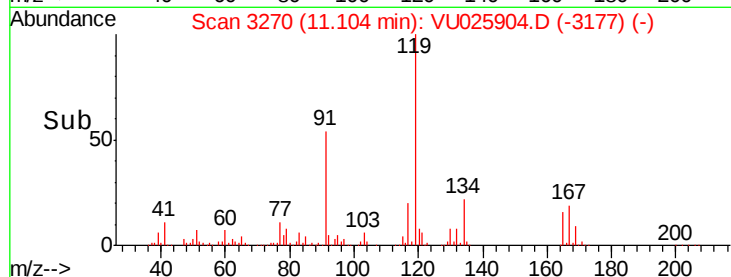
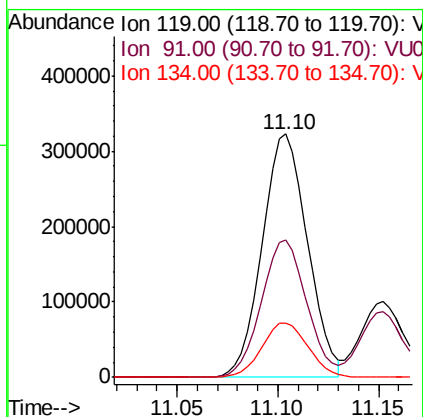
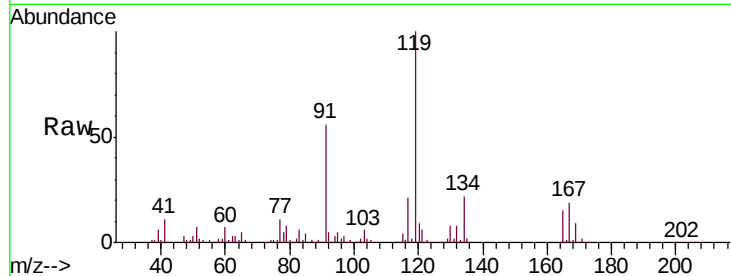




#83
 tert-Butylbenzene
 Concen: 52.083 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

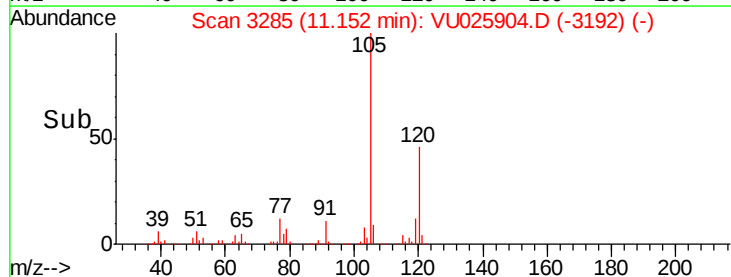
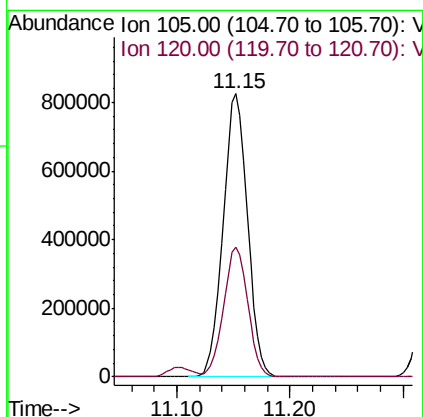
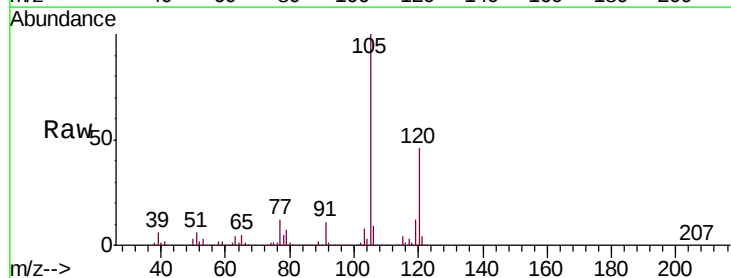
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MSD

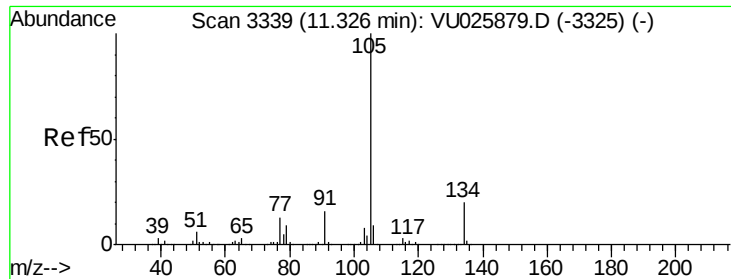
Tgt Ion:119 Resp: 504938
 Ion Ratio Lower Upper
 119 100
 91 56.5 29.7 89.1
 134 22.8 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 124.984 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Tgt Ion:105 Resp: 1235845
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.3 66.8

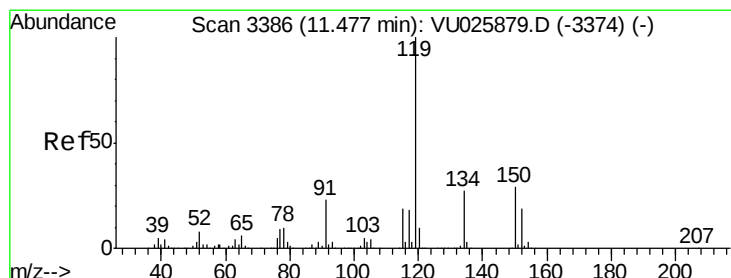
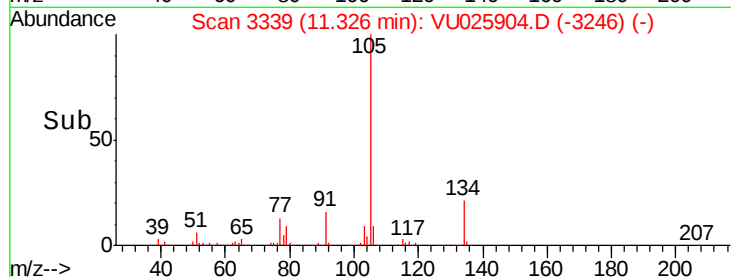
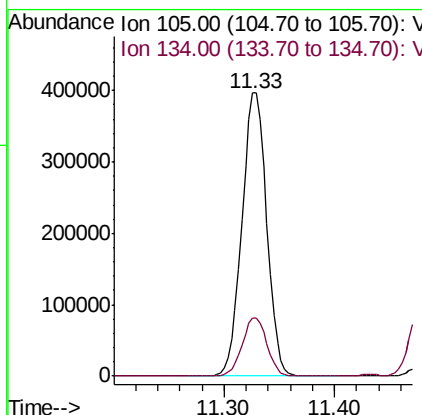
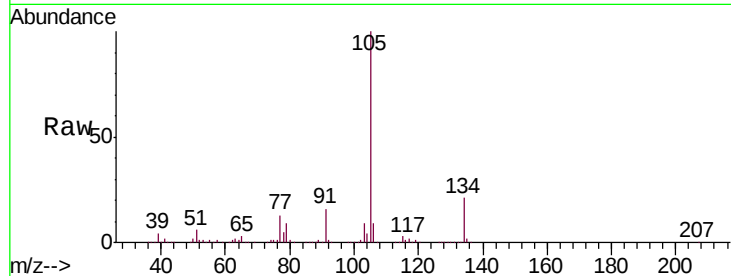




#85
 sec-Butylbenzene
 Concen: 52.013 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

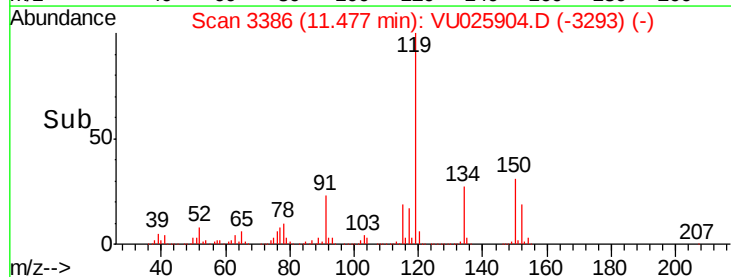
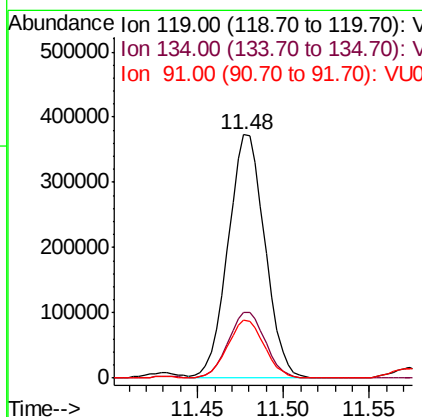
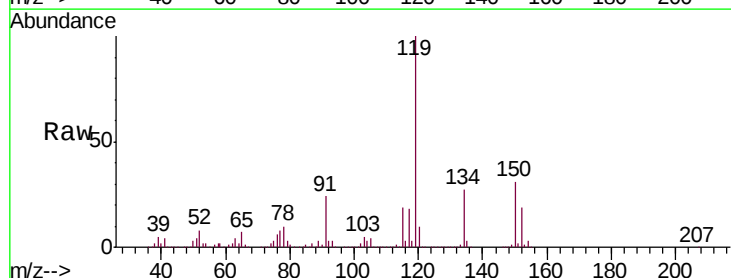
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MSD

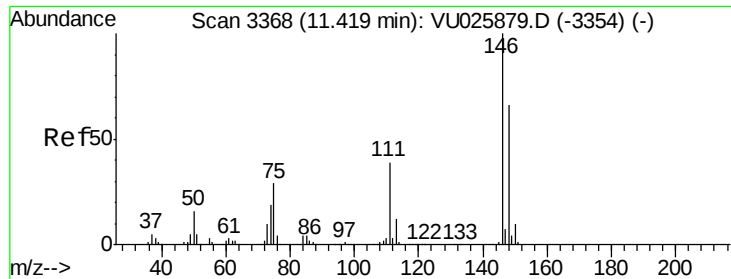
Tgt Ion:105 Resp: 615657
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 52.412 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Tgt Ion:119 Resp: 555506
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.5
 91 23.7 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.996 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

Instrument :

MSVOA_U

ClientSampleId :

FL-0519MSD

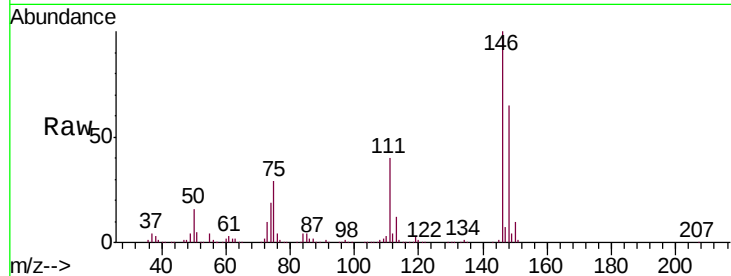
Tgt Ion:146 Resp: 294093

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.1

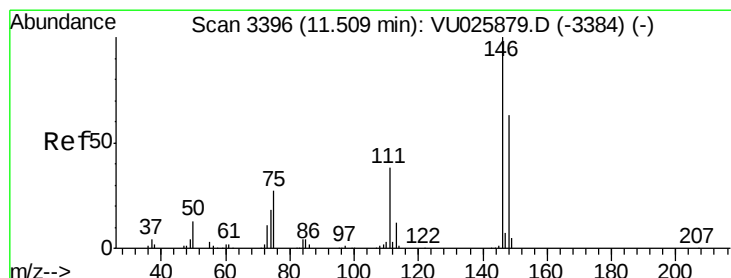
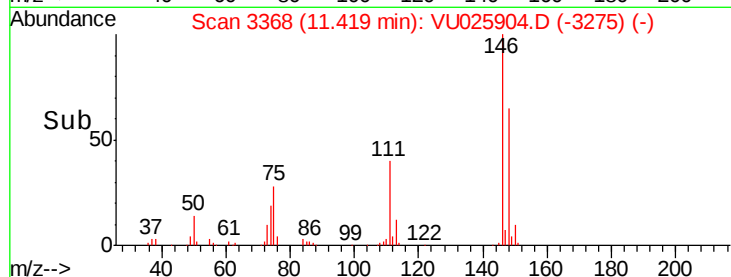
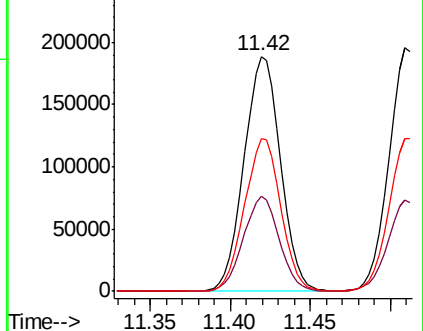
148 64.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.231 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU025904.D

Acq: 06 Aug 2018 22:23

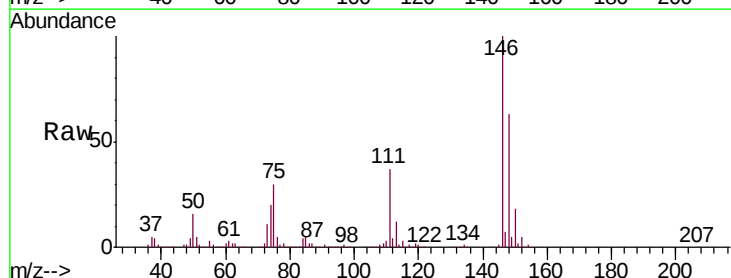
Tgt Ion:146 Resp: 301876

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.1

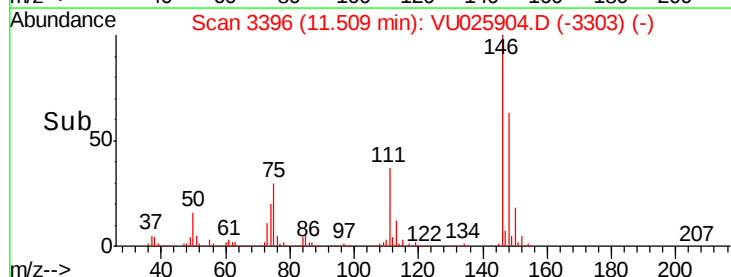
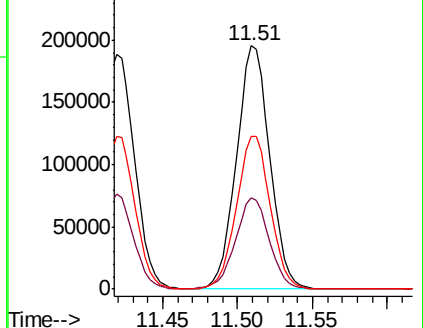
148 64.1 31.7 95.1

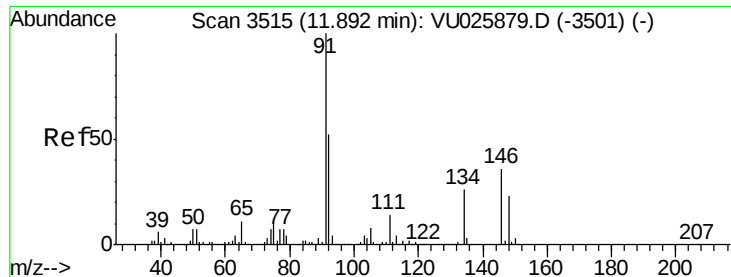


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

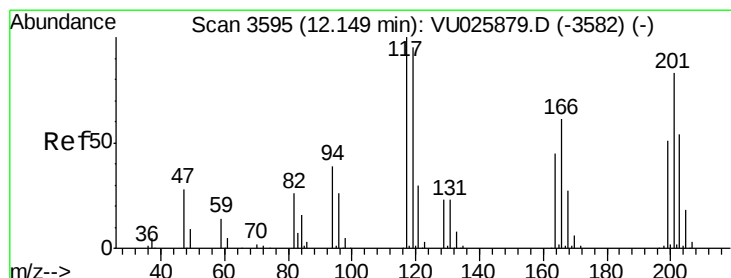
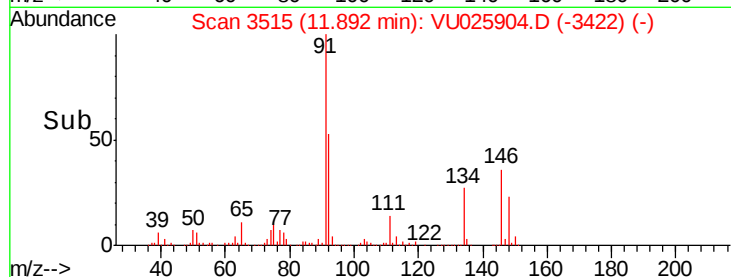
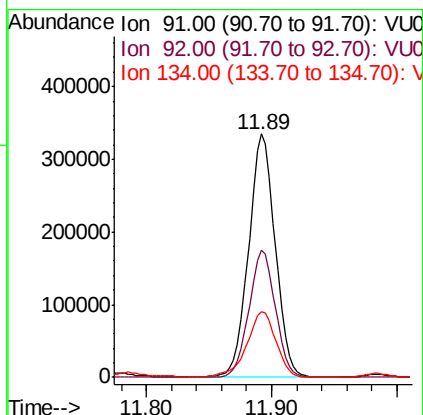
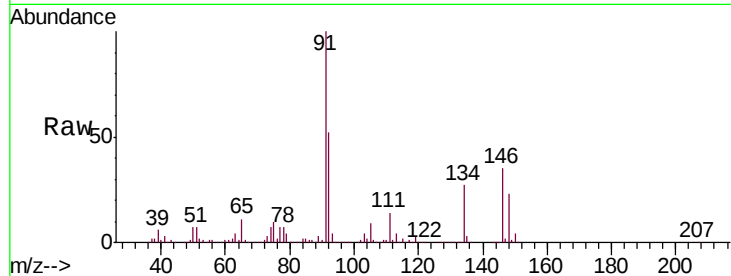




#89
n-Butylbenzene
Concen: 50.483 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

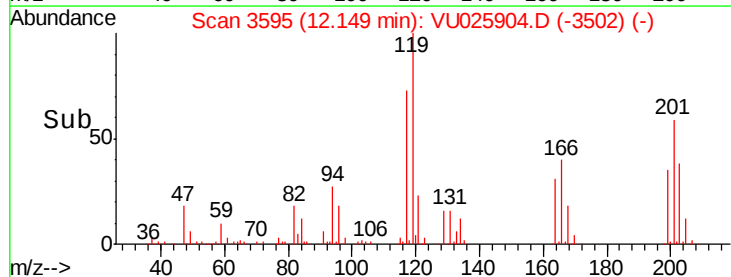
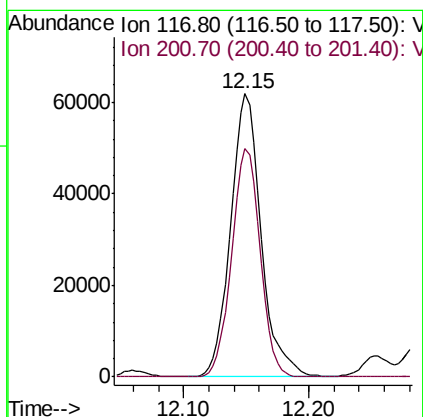
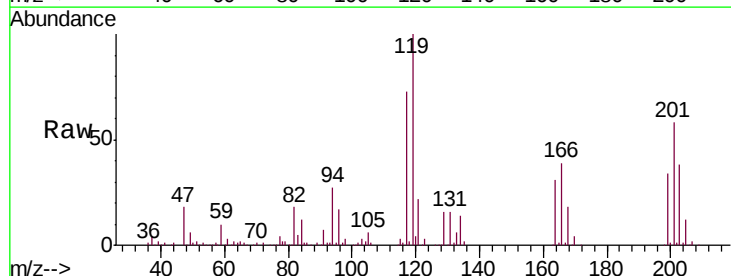
Instrument :
MSVOA_U
ClientSampleId :
FL-0519MSD

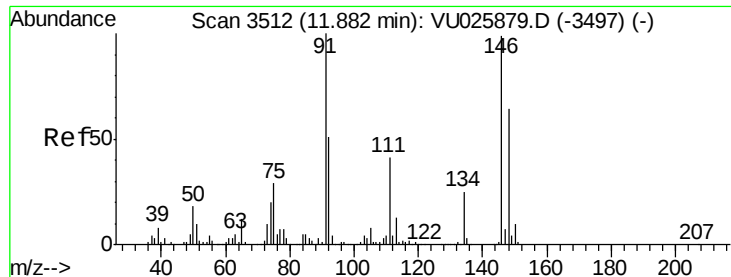
Tgt Ion: 91 Resp: 493758
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 29.7 13.6 40.7



#90
Hexachloroethane
Concen: 55.450 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

Tgt Ion: 117 Resp: 104492
Ion Ratio Lower Upper
117 100
201 75.3 42.5 127.6

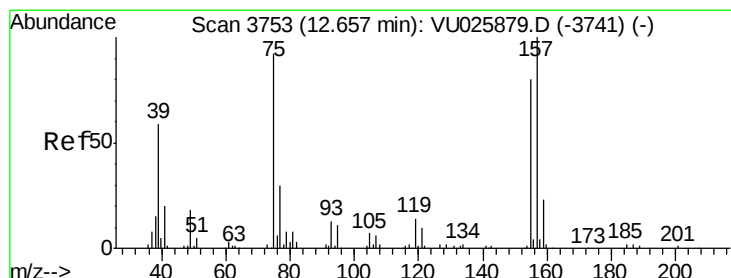
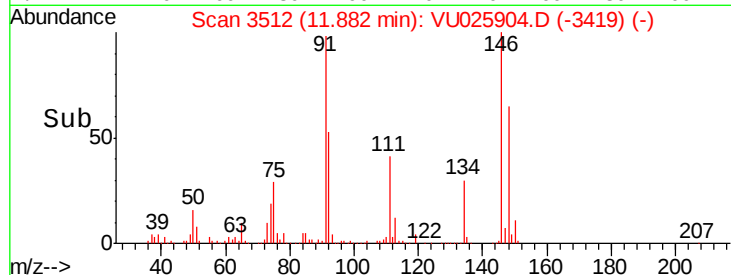
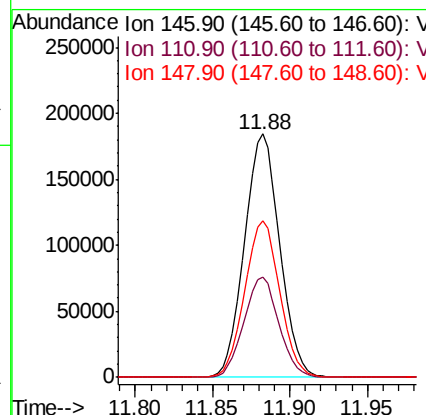
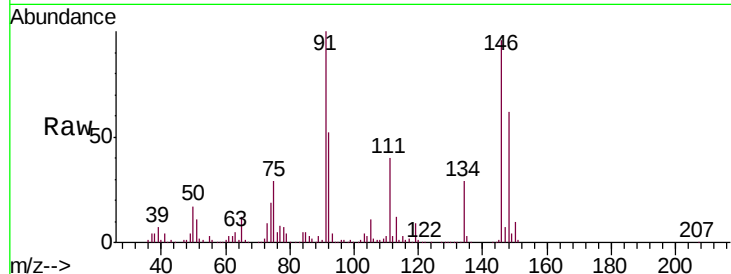




#91
 1,2-Dichlorobenzene
 Concen: 50.597 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

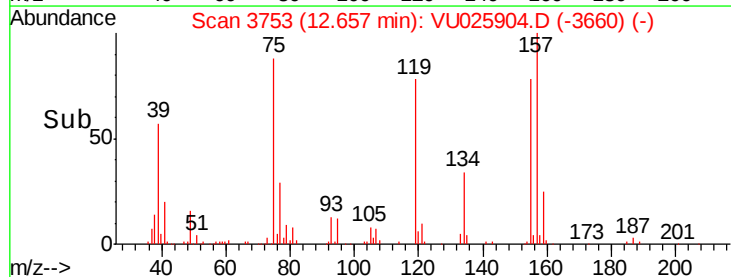
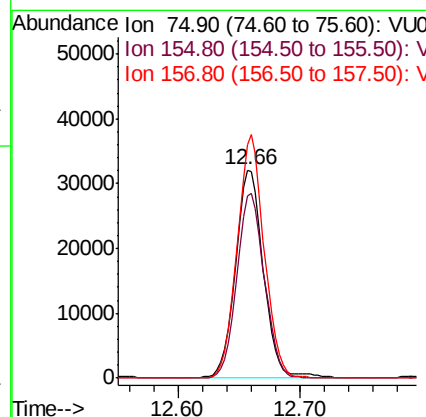
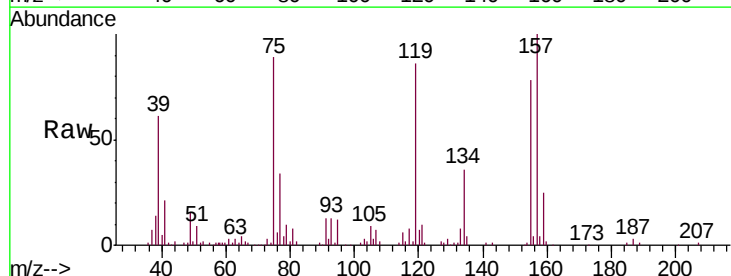
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MSD

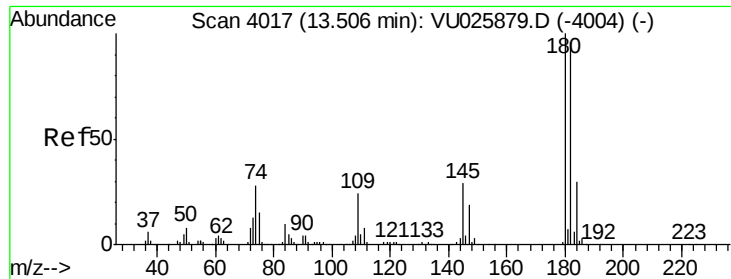
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.8
148	64.0	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.259 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.3	44.5	133.3
157	112.9	57.0	170.8

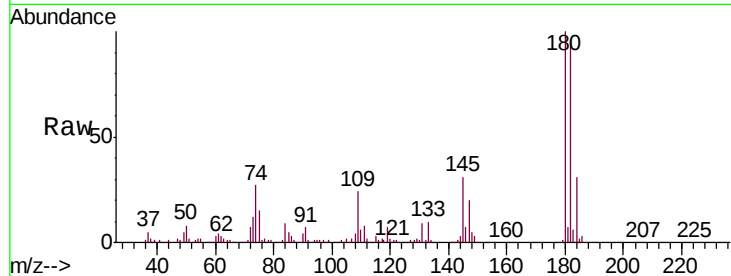




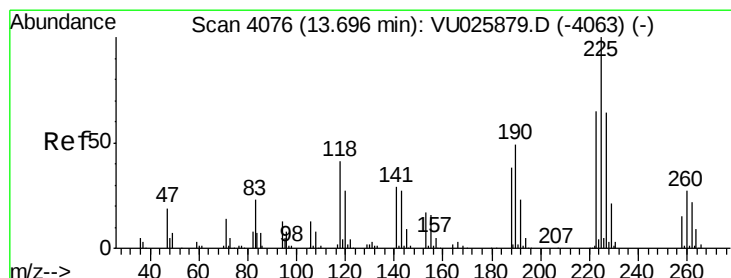
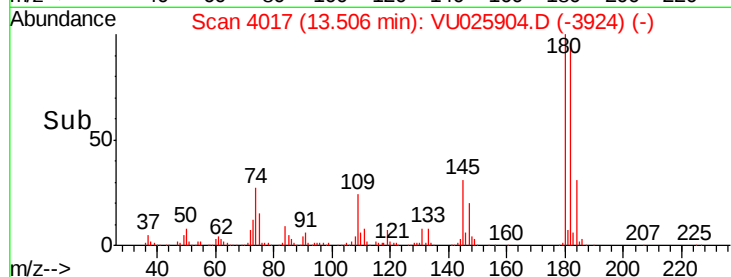
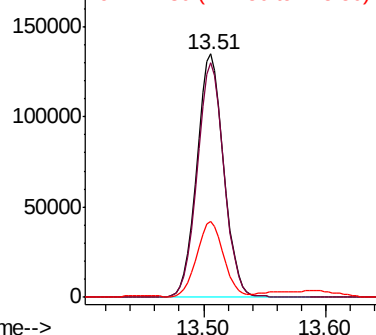
#93
 1,2,4-Trichlorobenzene
 Concen: 53.488 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MSD

Tgt Ion:180 Resp: 208148
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 141.9
 145 30.8 14.9 44.7

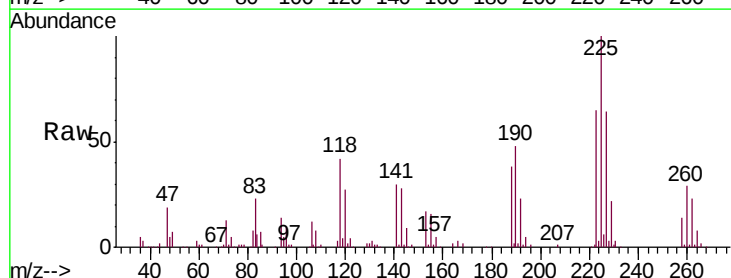


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

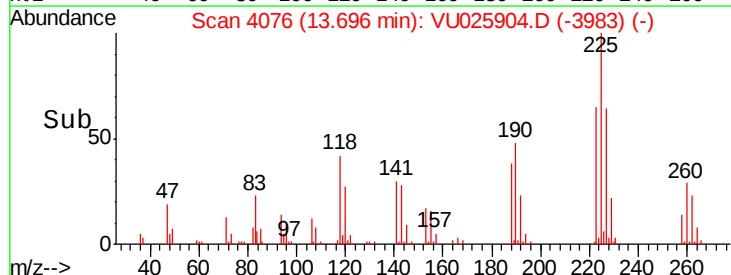
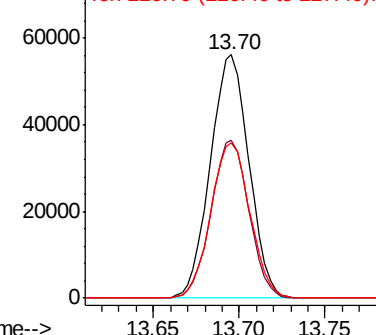


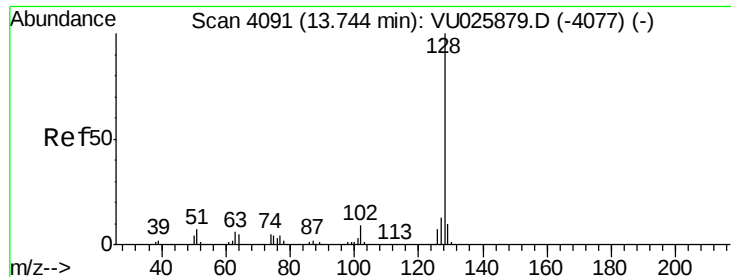
#94
 Hexachlorobutadiene
 Concen: 42.597 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025904.D
 Acq: 06 Aug 2018 22:23

Tgt Ion:225 Resp: 87381
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.9 95.7
 227 64.5 32.3 96.9



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

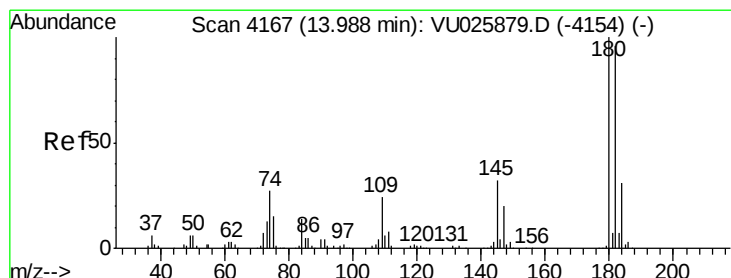
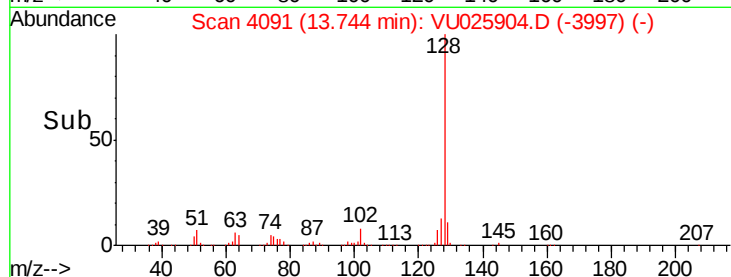
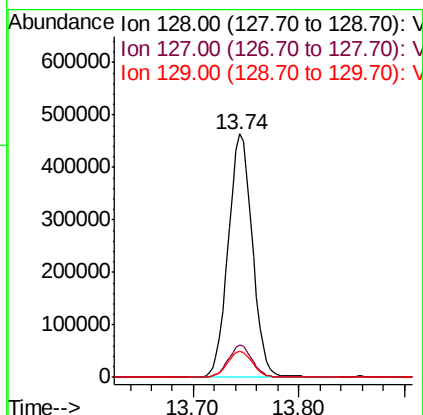
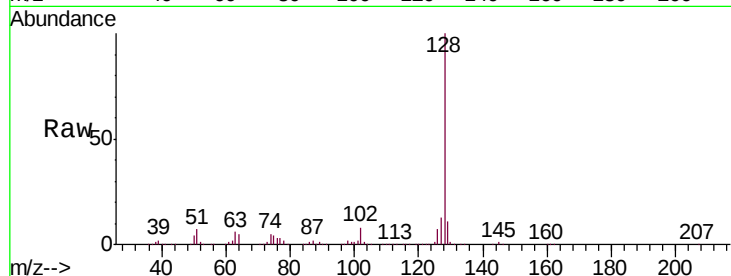




#95
Naphthalene
Concen: 58.475 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

Instrument :
MSVOA_U
ClientSampleId :
FL-0519MSD

Tgt Ion:128 Resp: 733642
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 54.283 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025904.D
Acq: 06 Aug 2018 22:23

Tgt Ion:180 Resp: 210727
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.3
145 36.7 15.6 46.8

