

Data File : VU025892.D
Acq On : 06 Aug 2018 17:41
Operator : MD/SY
Sample : VU0806MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

Quant Time: Aug 07 00:56:10 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	168230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	247413	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	246820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152852	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	133084	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	4.89	113	108305	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	7.57	98	379306	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	10.31	95	142188	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.21	85	40884	16.079	ug/l	100
3) Chloromethane	1.34	50	44082	18.139	ug/l	99
4) Vinyl Chloride	1.41	62	41692	18.229	ug/l	98
5) Bromomethane	1.63	94	25818	23.113	ug/l	94
6) Chloroethane	1.70	64	26907	20.120	ug/l	98
7) Trichlorofluoromethane	1.89	101	64354	19.462	ug/l	99
8) Diethyl Ether	2.10	74	22545	18.843	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.29	101	38579	20.160	ug/l	97
10) Methyl Iodide	2.41	142	31430	23.177	ug/l	99
11) Tert butyl alcohol	2.83	59	54337	94.683	ug/l	100
12) 1,1-Dichloroethene	2.28	96	36804	20.375	ug/l	92
13) Acrolein	2.20	56	35244	168.919	ug/l	97
14) Allyl chloride	2.60	41	61835	19.049	ug/l	99
15) Acrylonitrile	2.94	53	122410	106.833	ug/l	98
16) Acetone	2.32	43	137645	107.708	ug/l	97
17) Carbon Disulfide	2.48	76	109616	18.751	ug/l	99
18) Methyl Acetate	2.62	43	57831	18.802	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	135115	20.642	ug/l	98
20) Methylene Chloride	2.71	84	46145	20.375	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	40919	19.597	ug/l	98
22) Diisopropyl ether	3.58	45	133042	20.799	ug/l	97
23) Vinyl Acetate	3.53	43	584302	104.816	ug/l	99
24) 1,1-Dichloroethane	3.45	63	78225	20.372	ug/l	100
25) 2-Butanone	4.27	43	211417	121.529	ug/l	99
26) 2,2-Dichloropropane	4.23	77	66305	18.998	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	46235	19.640	ug/l	99
28) Bromochloromethane	4.55	49	35648	20.764	ug/l	95
29) Tetrahydrofuran	4.64	42	107377	103.025	ug/l	99
30) Chloroform	4.68	83	82951	20.466	ug/l	100
31) Cyclohexane	5.00	56	67647	19.425	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	75292	20.633	ug/l	99
36) 1,1-Dichloropropene	5.14	75	59278	20.501	ug/l	96
37) Ethyl Acetate	4.38	43	64657	21.566	ug/l	98
38) Carbon Tetrachloride	5.14	117	68090	20.791	ug/l	98

Data File : VU025892.D
Acq On : 06 Aug 2018 17:41
Operator : MD/SY
Sample : VU0806MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

Quant Time: Aug 07 00:56:10 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)
39) Methylcyclohexane	6.42	83	63047	19.031	ug/l	99
40) Benzene	5.39	78	171282	20.266	ug/l	97
41) Methacrylonitrile	4.55	41	35662	21.416	ug/l	99
42) 1,2-Dichloroethane	5.41	62	68684	21.105	ug/l	99
43) Isopropyl Acetate	5.55	43	102069	20.602	ug/l	100
44) Trichloroethene	6.19	130	47680	20.257	ug/l	100
45) 1,2-Dichloropropane	6.44	63	46905	21.280	ug/l	93
46) Dibromomethane	6.56	93	32330	20.242	ug/l	98
47) Bromodichloromethane	6.76	83	63273	20.768	ug/l	94
48) Methyl methacrylate	6.63	41	50341	20.732	ug/l	98
49) 1,4-Dioxane	6.62	88	21514	364.094	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	405778	130.823	ug/l	100
52) Toluene	7.64	92	108735	20.709	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	69313	20.262	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	73058	20.791	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	45121	20.678	ug/l	98
56) Ethyl methacrylate	8.02	69	62918	20.181	ug/l	99
57) 1,3-Dichloropropane	8.25	76	76431	20.828	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	114466	85.858	ug/l	99
59) 2-Hexanone	8.36	43	306093	125.893	ug/l	99
60) Dibromochloromethane	8.48	129	51677	20.083	ug/l	99
61) 1,2-Dibromoethane	8.59	107	50923	20.984	ug/l	97
64) Tetrachloroethene	8.23	164	46571	21.436	ug/l	96
65) Chlorobenzene	9.12	112	125481	19.719	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	47213	20.509	ug/l	98
67) Ethyl Benzene	9.25	91	207816	19.715	ug/l	99
68) m/p-Xylenes	9.38	106	164456	40.638	ug/l	97
69) o-Xylene	9.78	106	76967	19.460	ug/l	96
70) Styrene	9.80	104	129165	20.218	ug/l	99
71) Bromoform	9.96	173	38596	19.336	ug/l #	97
73) Isopropylbenzene	10.17	105	210100	20.139	ug/l	99
74) N-amyl acetate	10.02	43	86169	20.232	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	72335	20.050	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	83431	24.773	ug/l	82
77) Bromobenzene	10.46	156	58435	20.307	ug/l	99
78) n-propylbenzene	10.59	91	246179	20.218	ug/l	99
79) 2-Chlorotoluene	10.66	91	147258	20.647	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	183875	20.753	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	83431	62.118	ug/l #	100
82) 4-Chlorotoluene	10.78	91	175414	20.865	ug/l	99
83) tert-Butylbenzene	11.10	119	170298	19.345	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	184698	20.571	ug/l	99
85) sec-Butylbenzene	11.33	105	211912	19.717	ug/l	100
86) p-Isopropyltoluene	11.48	119	189816	19.724	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	105860	19.819	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	108293	19.450	ug/l	99
89) n-Butylbenzene	11.89	91	161968	18.238	ug/l	100
90) Hexachloroethane	12.15	117	32228	18.835	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	104844	20.026	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17145	20.046	ug/l	96

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

Data File : VU025892.D
Acq On : 06 Aug 2018 17:41
Operator : MD/SY
Sample : VU0806MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

Quant Time: Aug 07 00:56:10 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

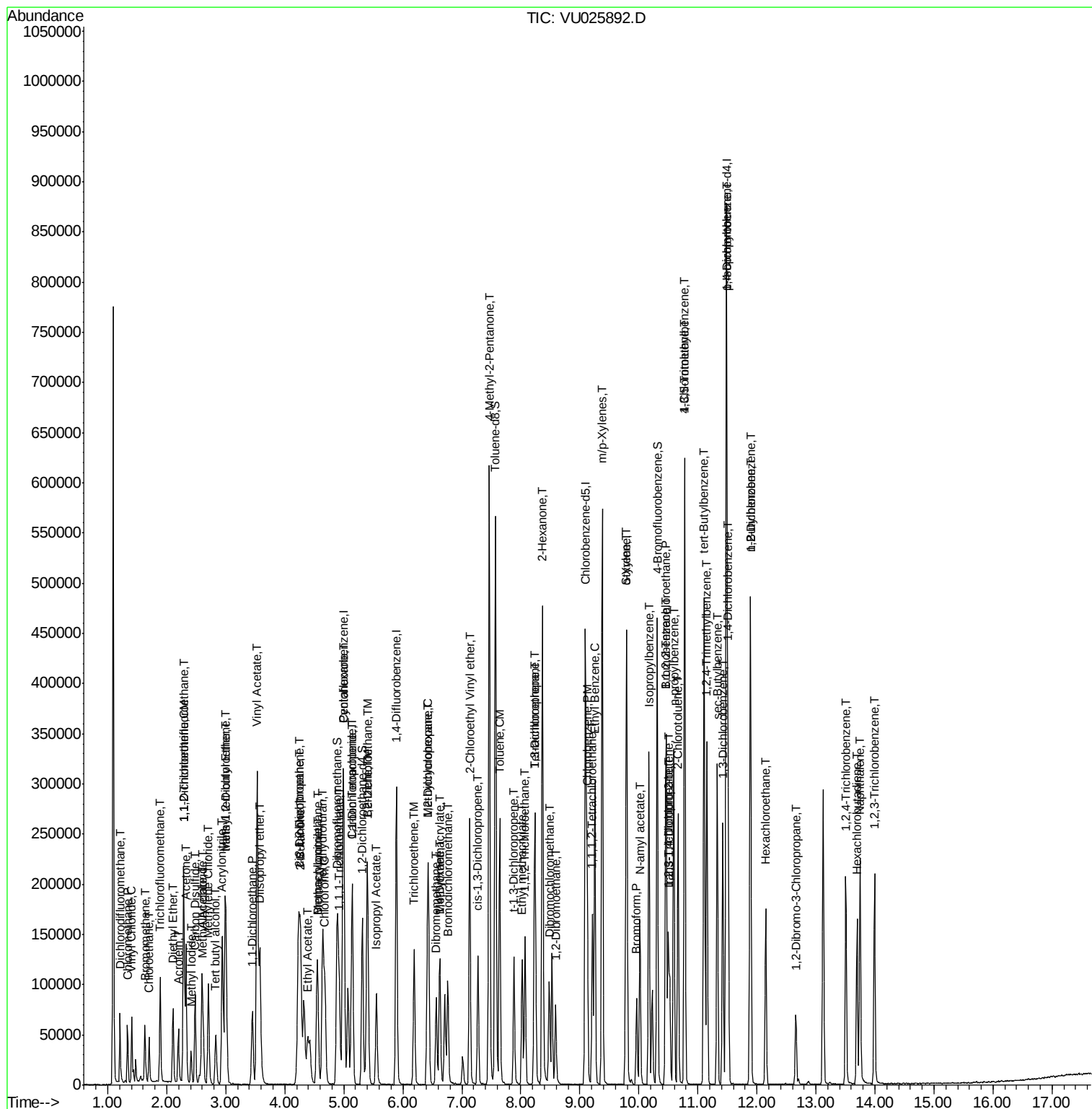
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	65433	18.518	ug/l	98
94) Hexachlorobutadiene	13.70	225	30132	16.177	ug/l	99
95) Naphthalene	13.75	128	189517	17.531	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	67644	19.191	ug/l	99

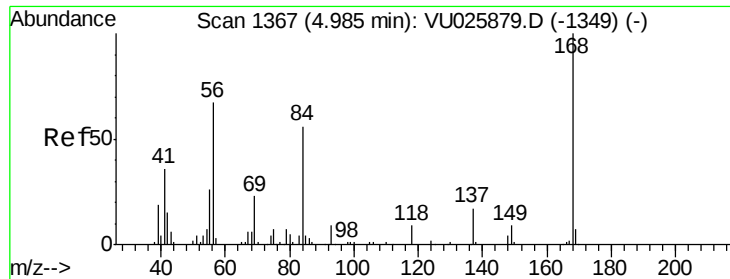
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU025892.D
Acq On : 06 Aug 2018 17:41
Operator : MD/SY
Sample : VU0806MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

Quant Time: Aug 07 00:56:10 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

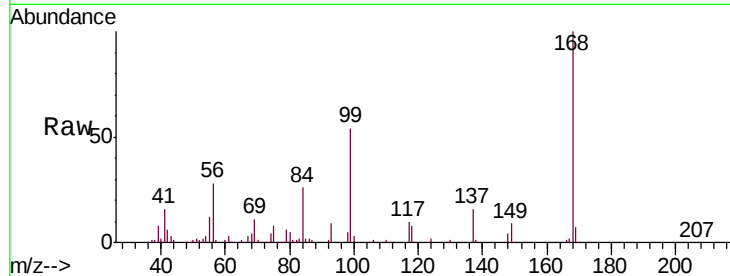
VU0806MBSD01

Tgt Ion:168 Resp: 168230

Ion Ratio Lower Upper

168 100

99 53.6 42.8 64.2



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

Ion 98.90 (98.60 to 99.60): VU025879.D

4.99

80000

60000

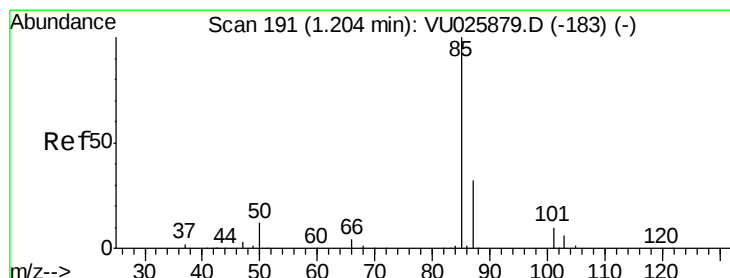
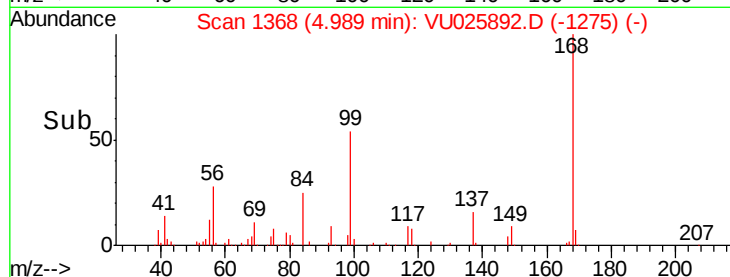
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 16.079 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025892.D

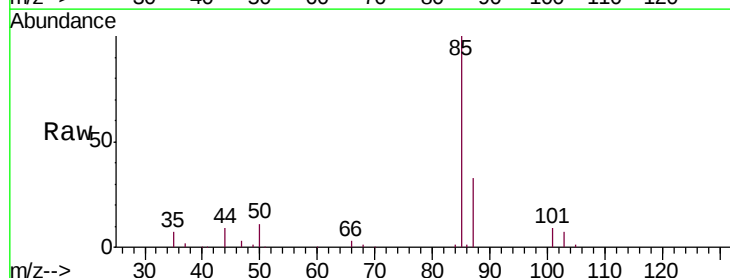
Acq: 06 Aug 2018 17:41

Tgt Ion: 85 Resp: 40884

Ion Ratio Lower Upper

85 100

87 33.1 16.5 49.5



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

Ion 86.90 (86.60 to 87.60): VU025879.D

1.21

40000

30000

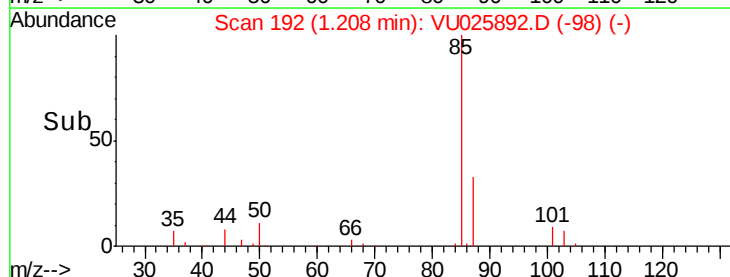
20000

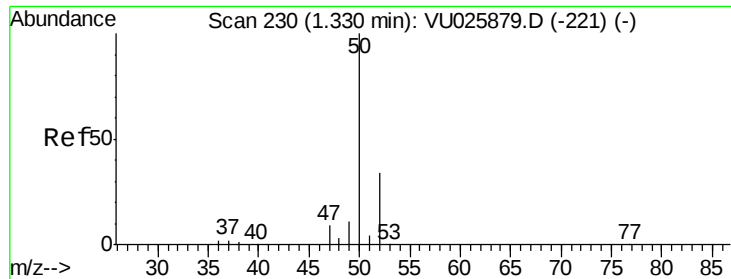
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.139 ug/l

RT: 1.34 min Scan# 232

Delta R.T. 0.01 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

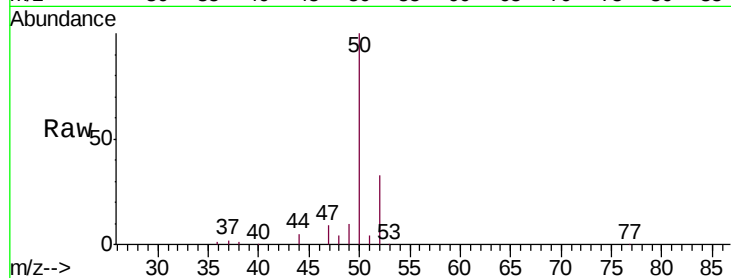
VU0806MBSD01

Tgt Ion: 50 Resp: 44082

Ion Ratio Lower Upper

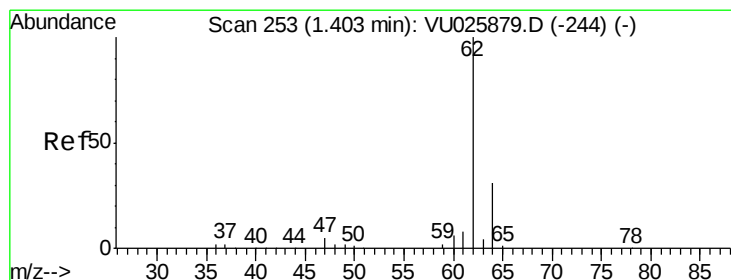
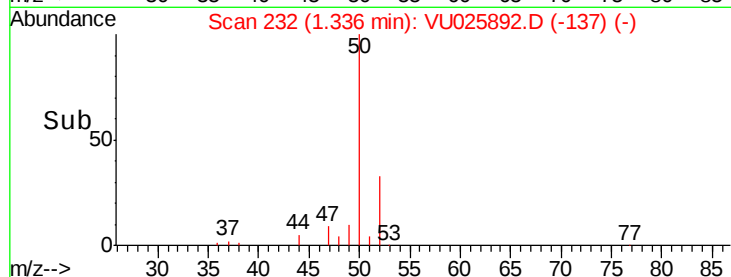
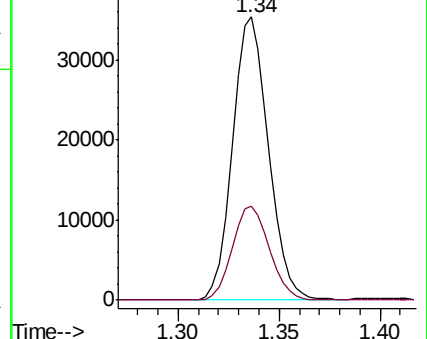
50 100

52 33.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 18.229 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025892.D

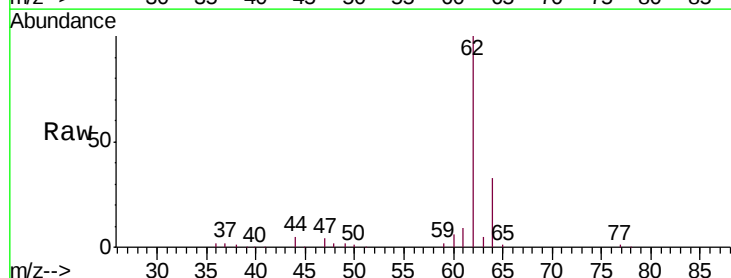
Acq: 06 Aug 2018 17:41

Tgt Ion: 62 Resp: 41692

Ion Ratio Lower Upper

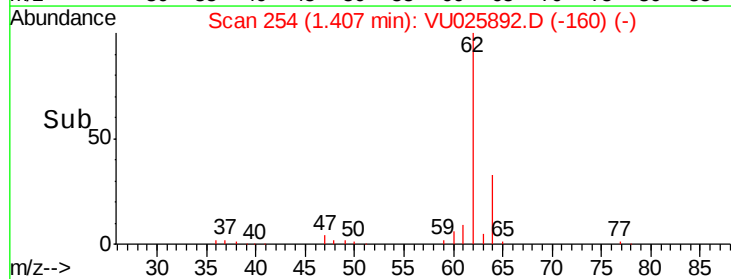
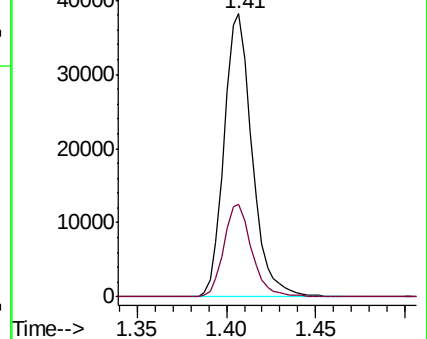
62 100

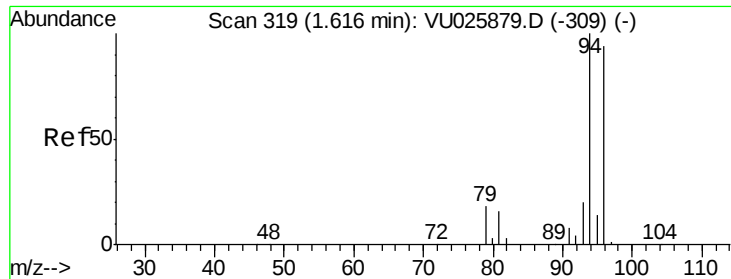
64 32.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 23.113 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

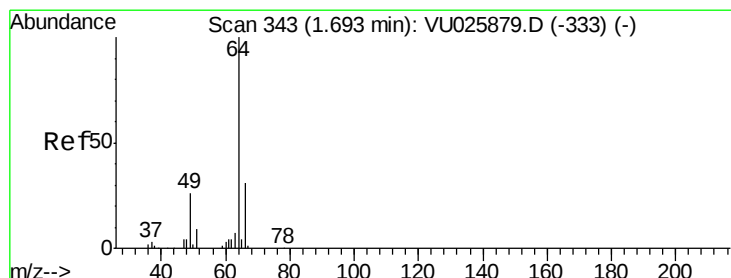
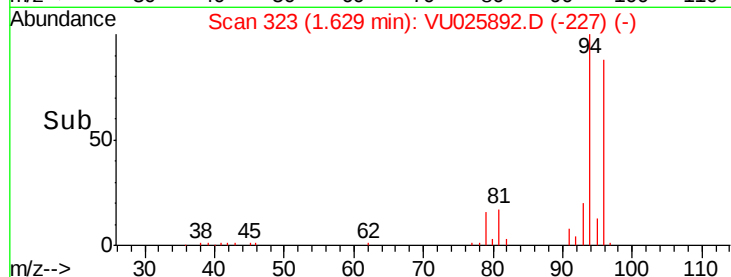
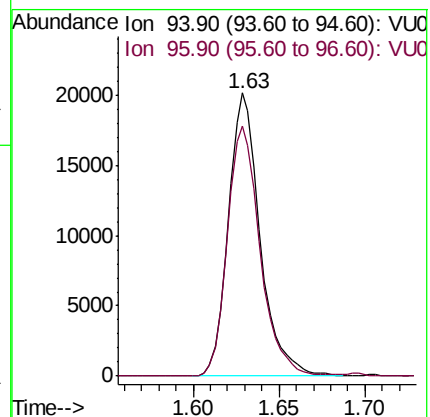
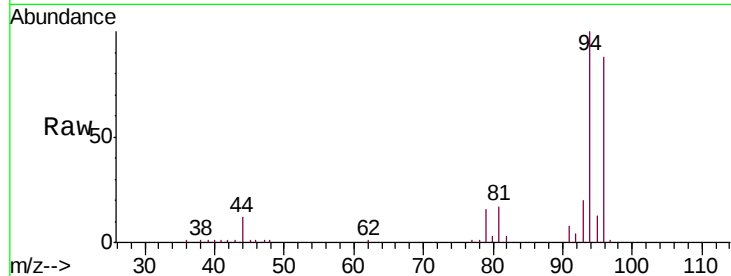
VU0806MBSD01

Tgt Ion: 94 Resp: 25818

Ion Ratio Lower Upper

94 100

96 88.4 75.0 112.4



#6

Chloroethane

Concen: 20.120 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025892.D

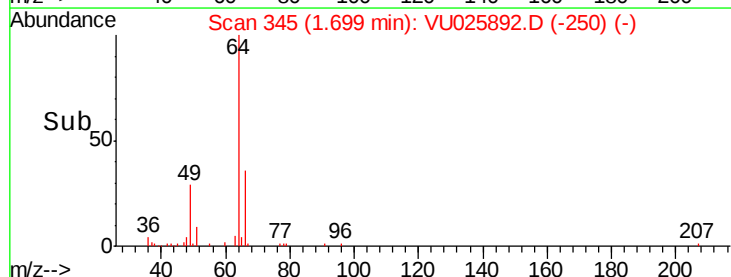
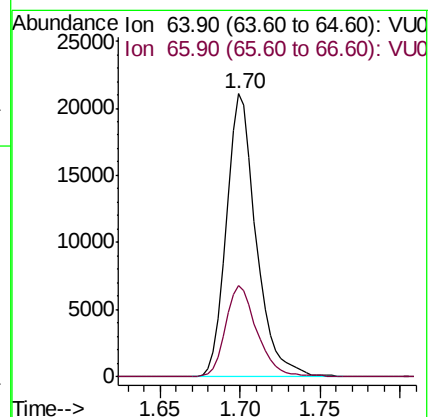
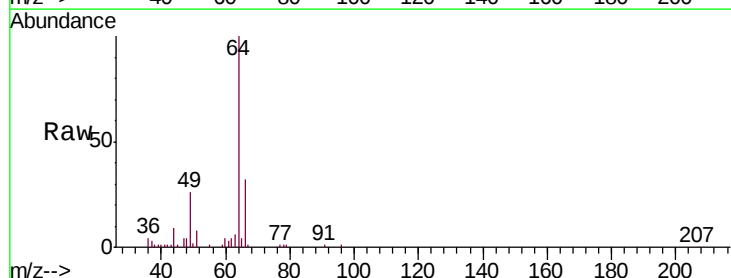
Acq: 06 Aug 2018 17:41

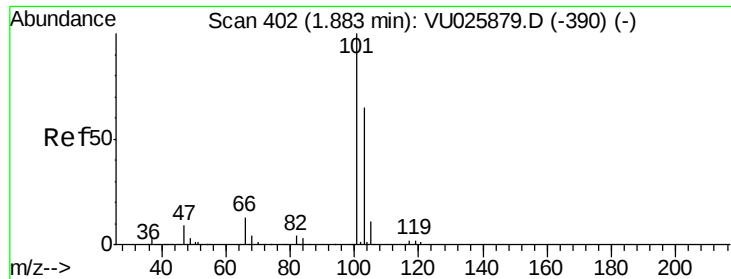
Tgt Ion: 64 Resp: 26907

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.4



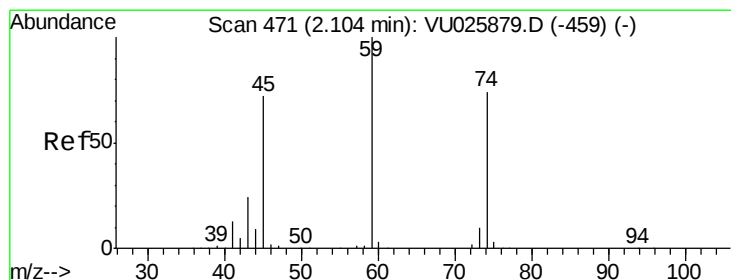
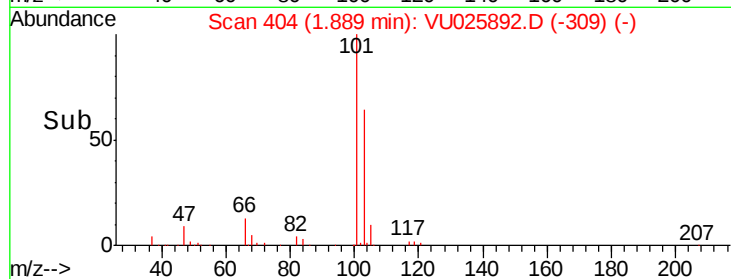
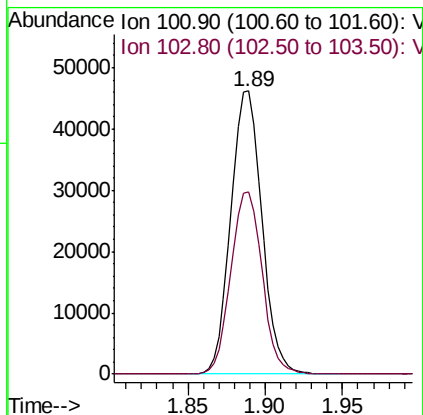
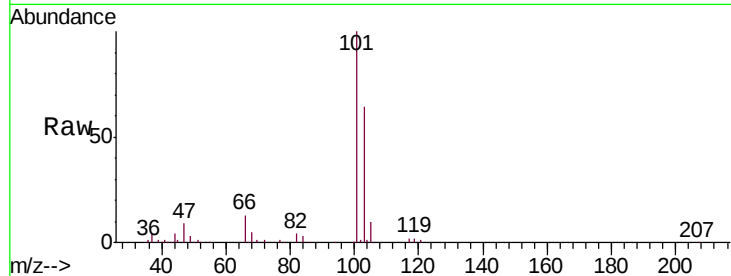


#7

Trichlorofluoromethane
 Concen: 19.462 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806MBSD01

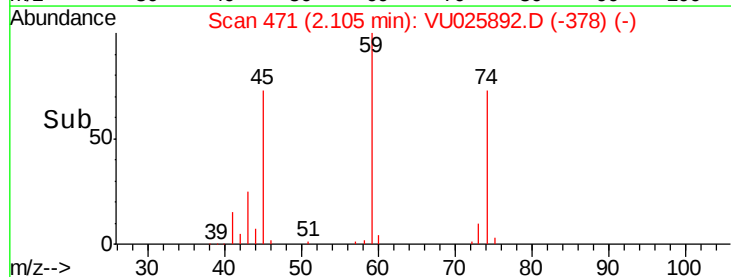
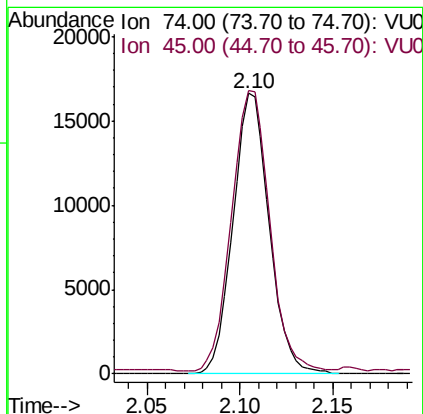
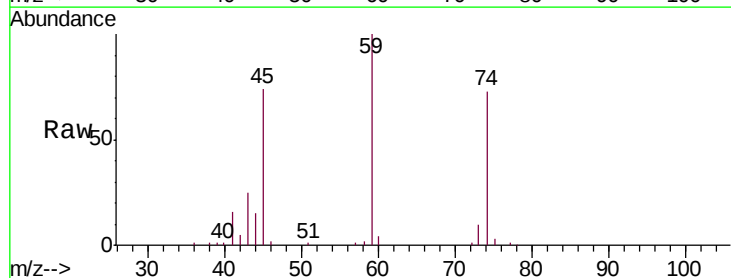
Tgt Ion:101 Resp: 64354
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.2 78.2

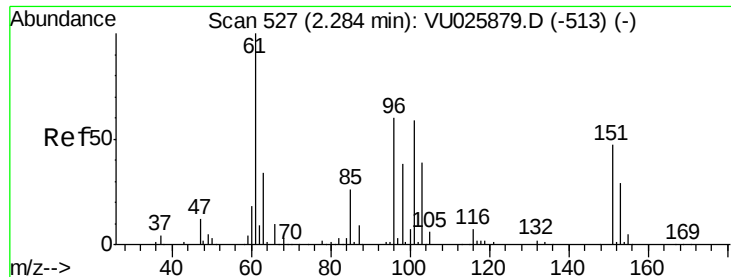


#8

Diethyl Ether
 Concen: 18.843 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Tgt Ion: 74 Resp: 22545
 Ion Ratio Lower Upper
 74 100
 45 104.9 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.160 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VU0806MBSD01

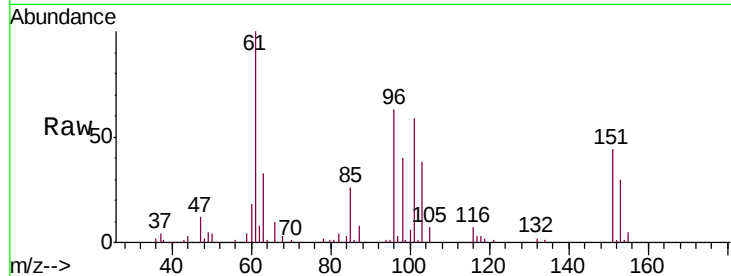
Tgt Ion:101 Resp: 38579

Ion Ratio Lower Upper

101 100

85 44.9 36.0 54.0

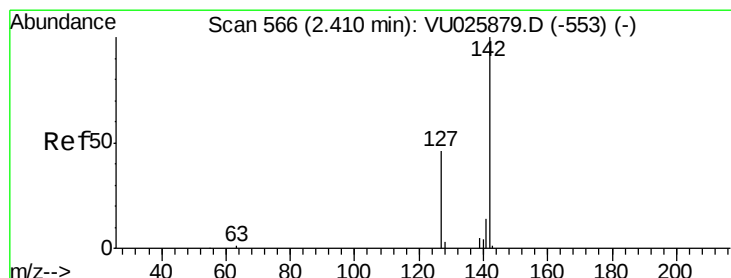
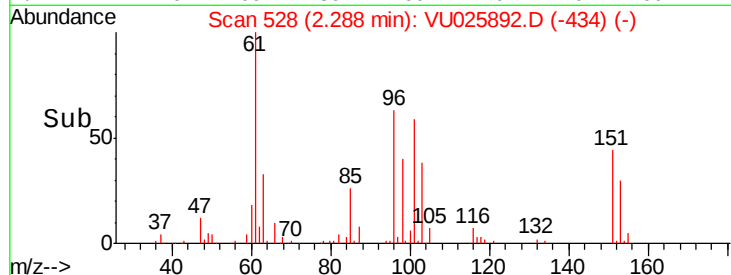
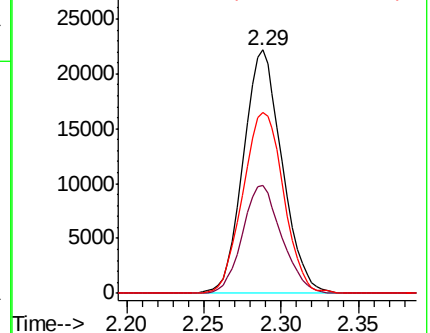
151 78.4 65.6 98.4



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: 23.177 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

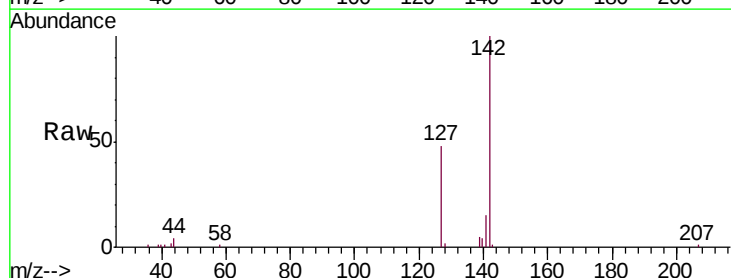
Tgt Ion:142 Resp: 31430

Ion Ratio Lower Upper

142 100

127 46.3 36.5 54.7

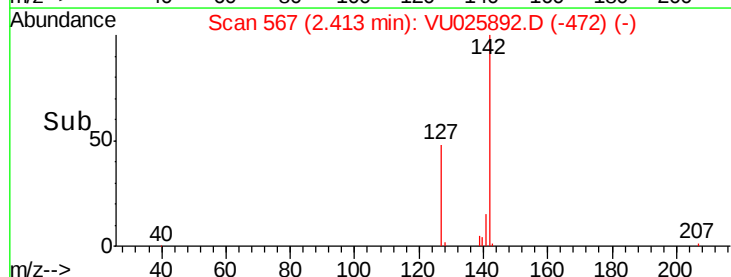
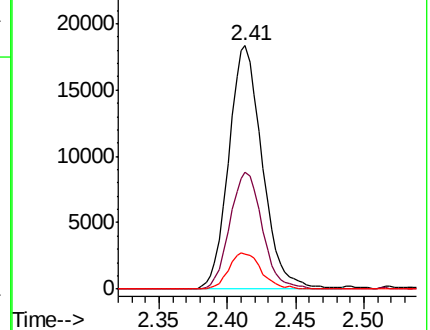
141 14.3 11.4 17.2

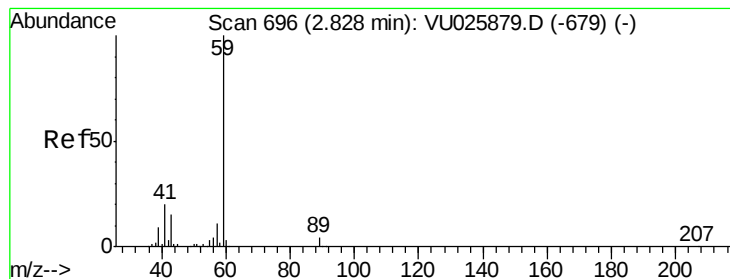


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.683 ug/l

RT: 2.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

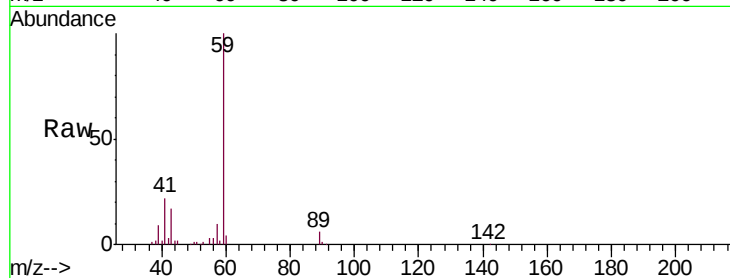
VU0806MBSD01

Tgt Ion: 59 Resp: 54337

Ion Ratio Lower Upper

59 100

57 10.1 8.2 12.2



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

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

2.83

25000

20000

15000

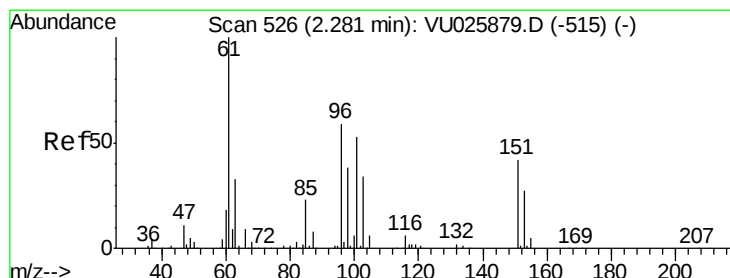
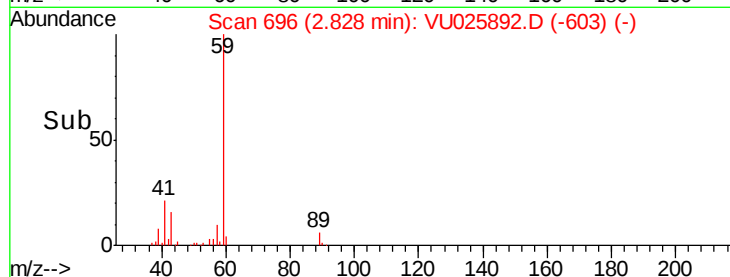
10000

5000

0

Time-->

2.80 2.90



#12

1,1-Dichloroethene

Concen: 20.375 ug/l

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

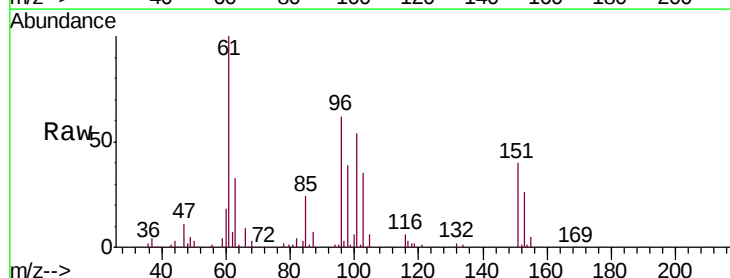
Tgt Ion: 96 Resp: 36804

Ion Ratio Lower Upper

96 100

61 162.1 140.2 210.4

98 63.7 49.3 73.9



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

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

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

50000

40000

30000

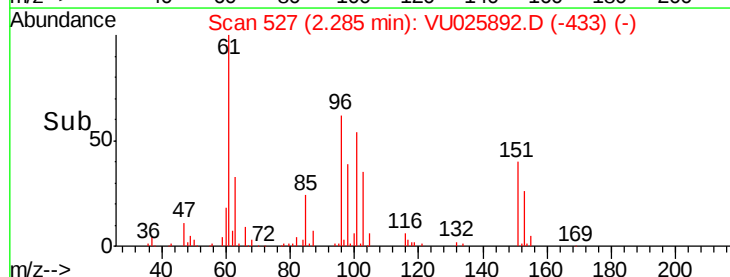
20000

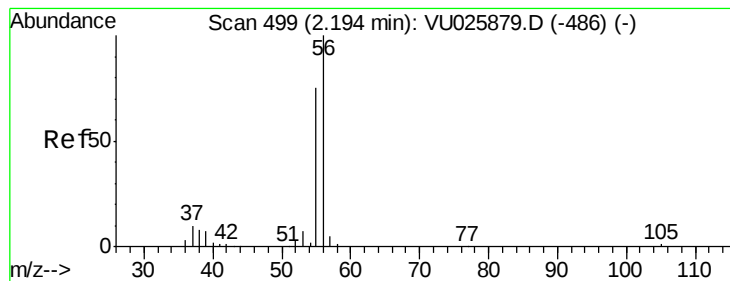
10000

0

Time-->

2.25 2.30 2.35





#13

Acrolein

Concen: 168.919 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

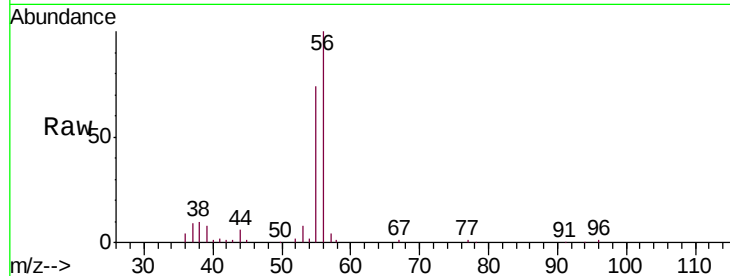
VU0806MBSD01

Tgt Ion: 56 Resp: 35244

Ion Ratio Lower Upper

56 100

55 74.4 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.20

25000

20000

15000

10000

5000

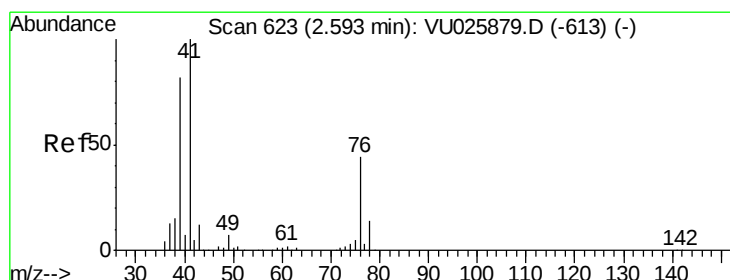
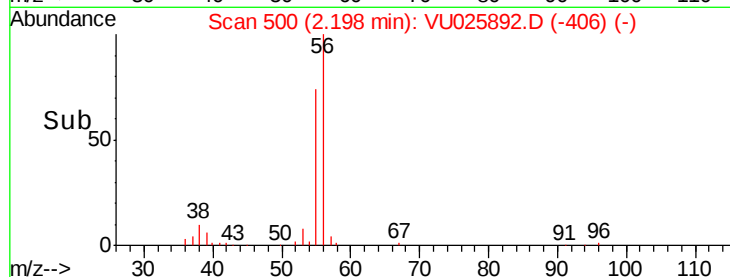
0

Time-->

2.15

2.20

2.25



#14

Allyl chloride

Concen: 19.049 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

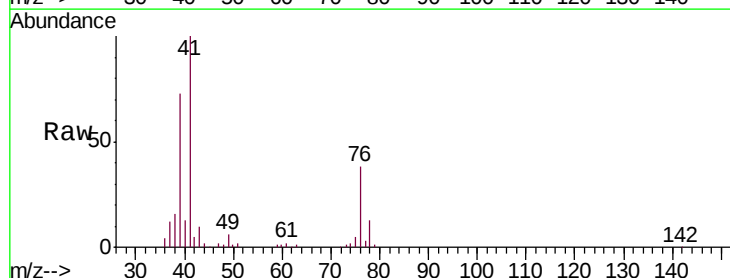
Tgt Ion: 41 Resp: 61835

Ion Ratio Lower Upper

41 100

39 75.1 60.6 91.0

76 37.6 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

40000

30000

20000

10000

0

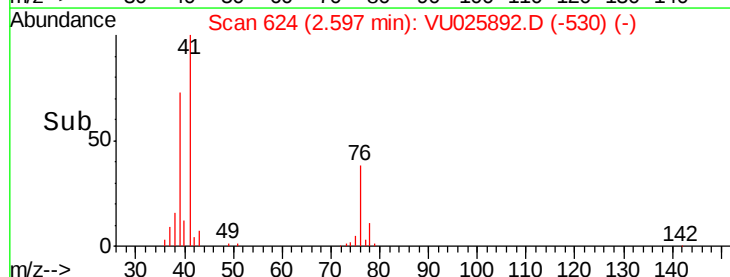
Time-->

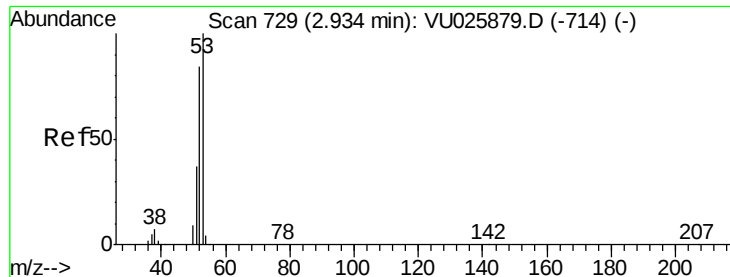
2.55

2.60

2.65

2.70





#15

Acrylonitrile

Concen: 106.833 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VU0806MBSD01

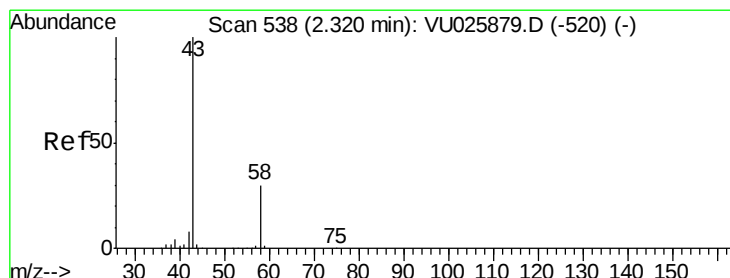
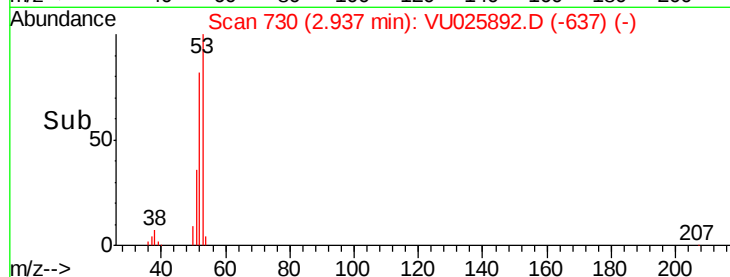
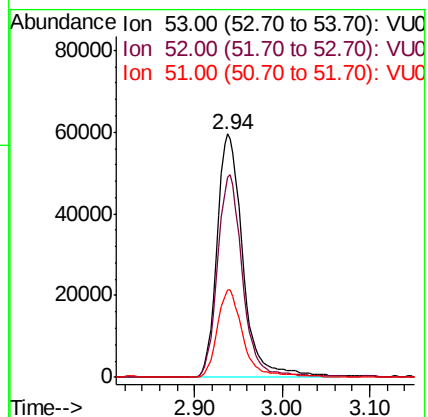
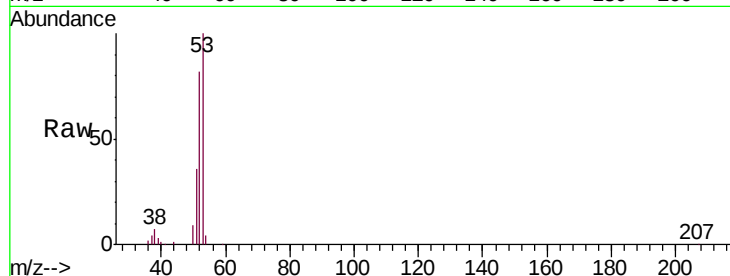
Tgt Ion: 53 Resp: 122410

Ion Ratio Lower Upper

53 100

52 80.7 66.6 99.8

51 36.1 29.4 44.2



#16

Acetone

Concen: 107.708 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025892.D

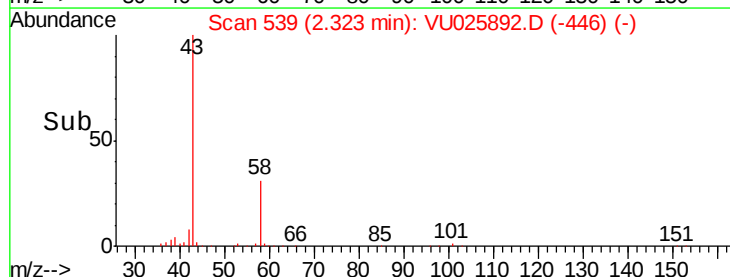
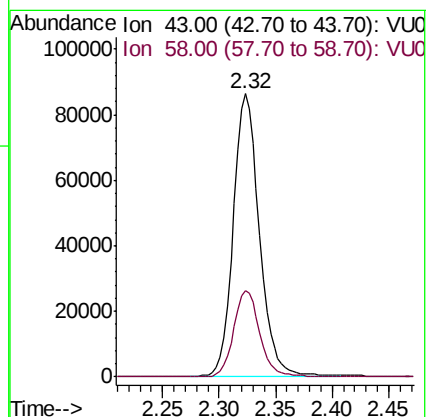
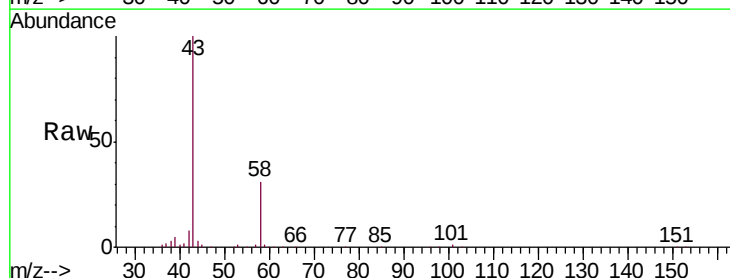
Acq: 06 Aug 2018 17:41

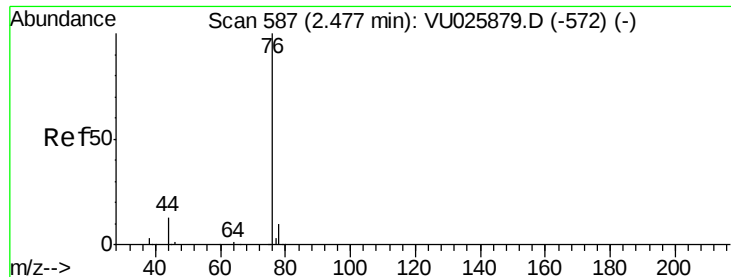
Tgt Ion: 43 Resp: 137645

Ion Ratio Lower Upper

43 100

58 30.6 23.1 34.7

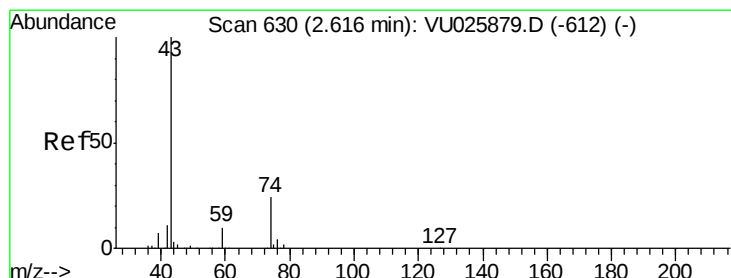
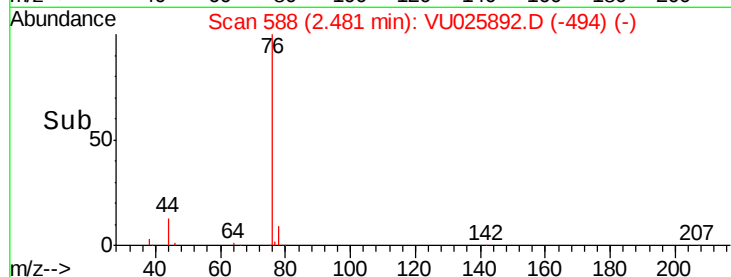
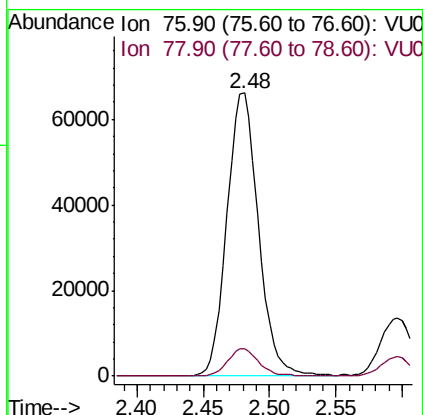
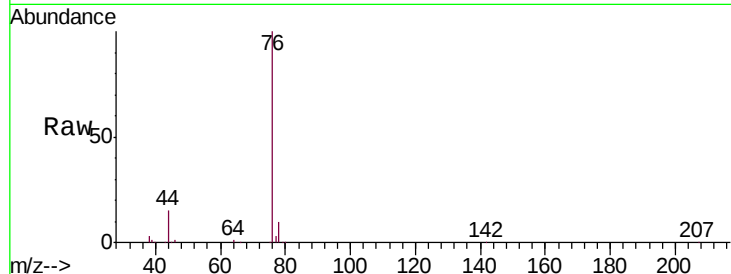




#17
Carbon Disulfide
Concen: 18.751 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

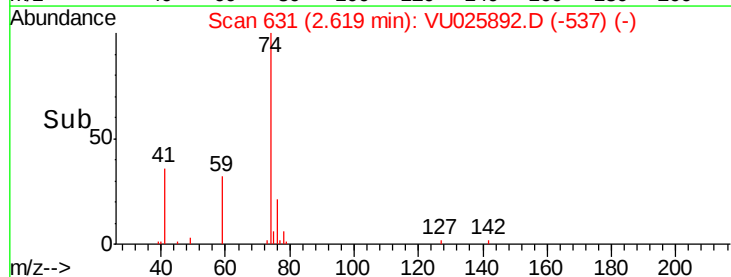
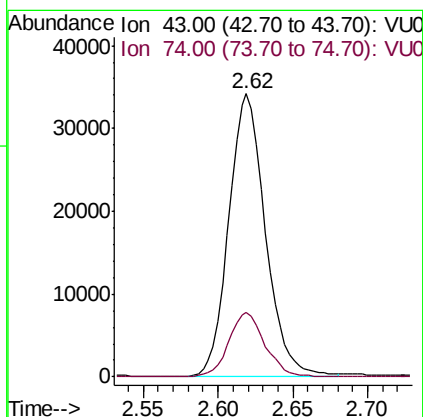
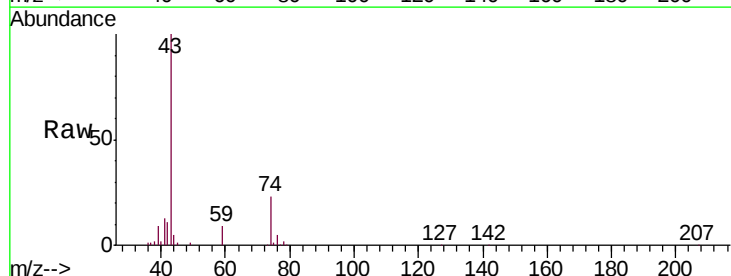
Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

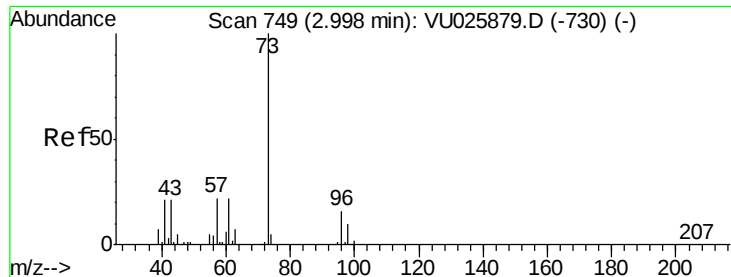
Tgt Ion: 76 Resp: 109616
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#18
Methyl Acetate
Concen: 18.802 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Tgt Ion: 43 Resp: 57831
Ion Ratio Lower Upper
43 100
74 22.7 18.5 27.7



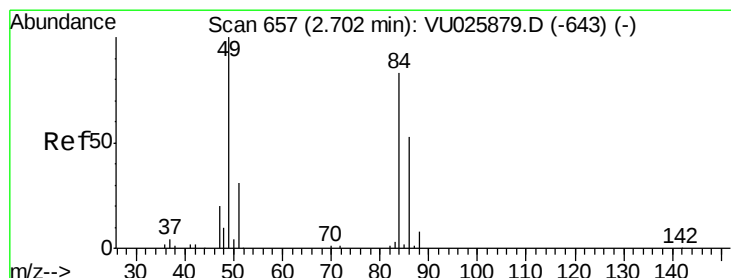
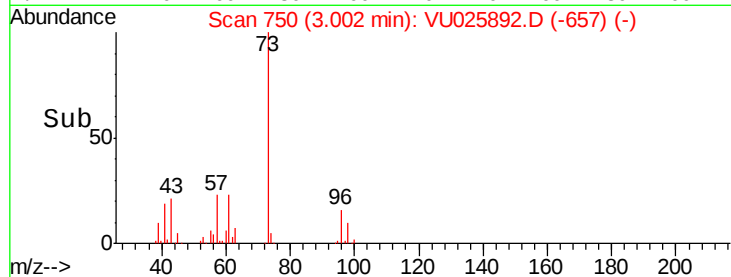
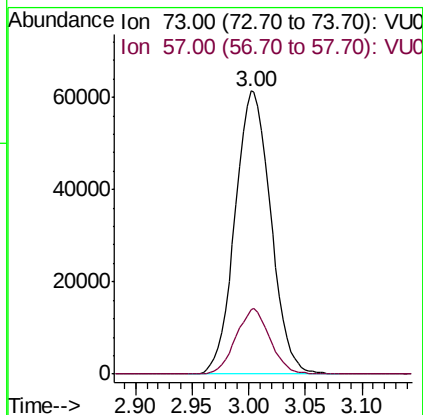
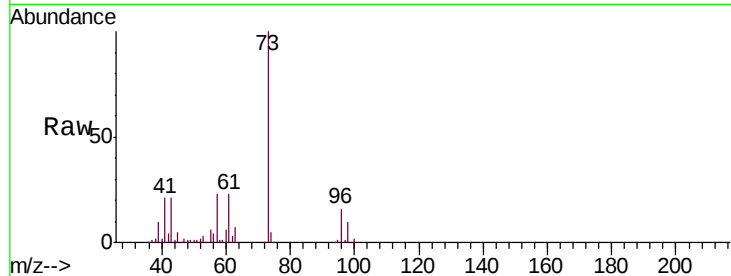


#19

Methyl tert-butyl Ether
 Concen: 20.642 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806MBSD01

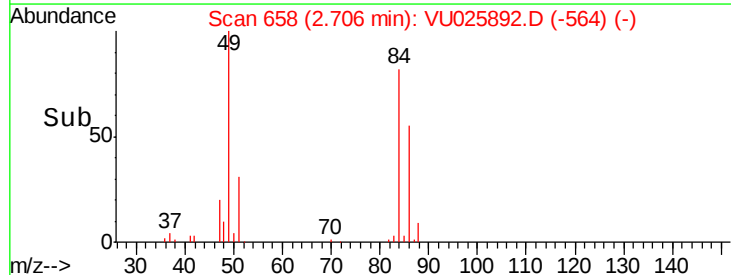
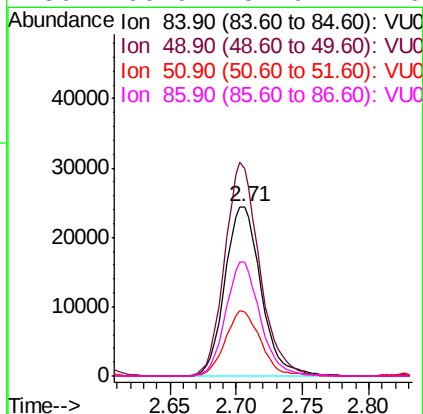
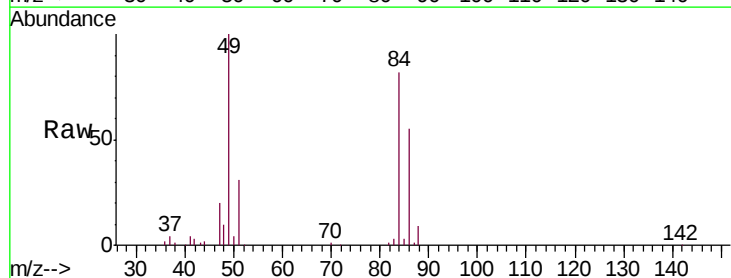
Tgt Ion: 73 Resp: 135115
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.4 26.2

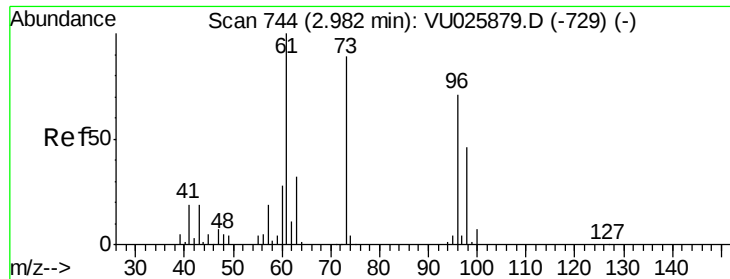


#20

Methylene Chloride
 Concen: 20.375 ug/l
 RT: 2.71 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Tgt Ion: 84 Resp: 46145
 Ion Ratio Lower Upper
 84 100
 49 122.5 101.8 152.6
 51 37.9 30.8 46.2
 86 66.9 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 19.597 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VU0806MBSD01

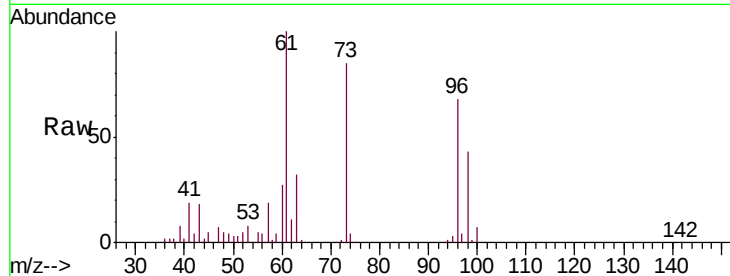
Tgt Ion: 96 Resp: 40919

Ion Ratio Lower Upper

96 100

61 147.0 114.5 171.7

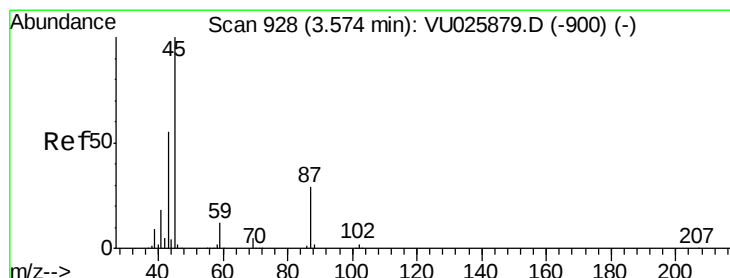
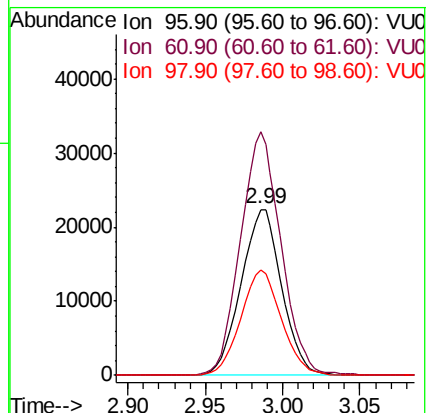
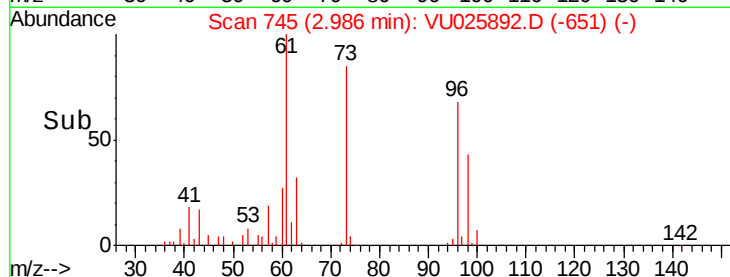
98 63.6 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 20.799 ug/l

RT: 3.58 min Scan# 929

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Tgt Ion: 45 Resp: 133042

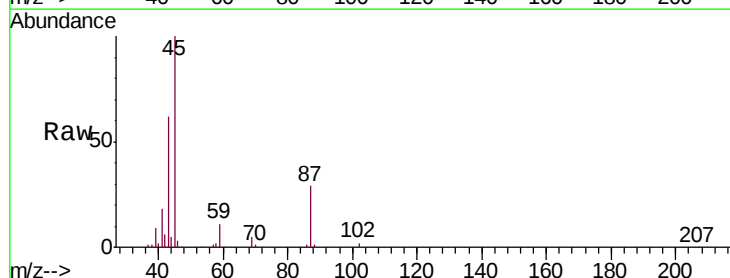
Ion Ratio Lower Upper

45 100

43 60.3 50.9 76.3

87 28.7 23.8 35.8

59 11.4 9.0 13.4

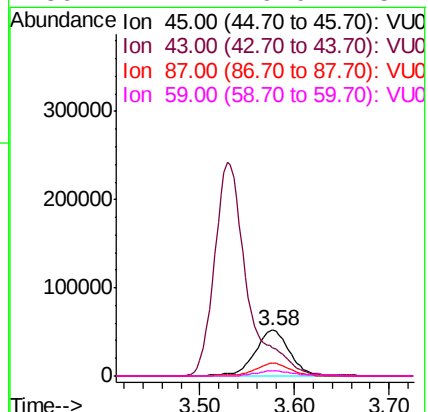
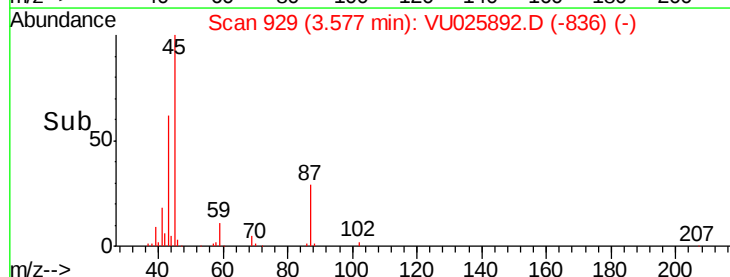


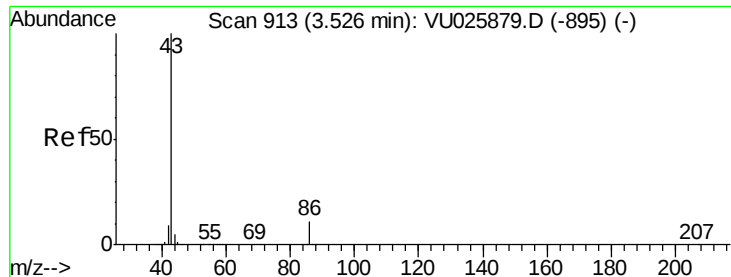
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 104.816 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

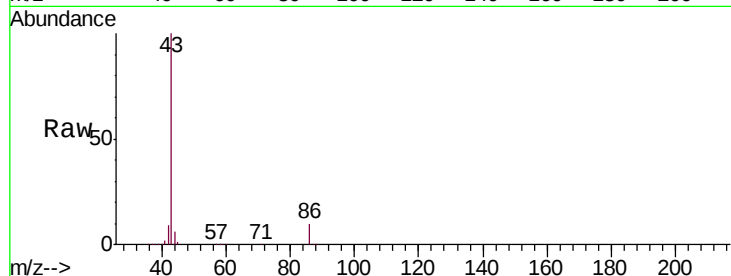
VU0806MBSD01

Tgt Ion: 43 Resp: 584302

Ion Ratio Lower Upper

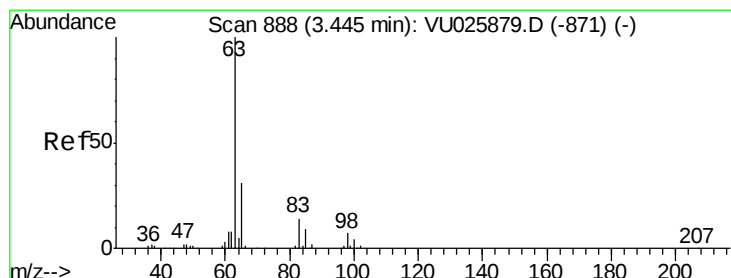
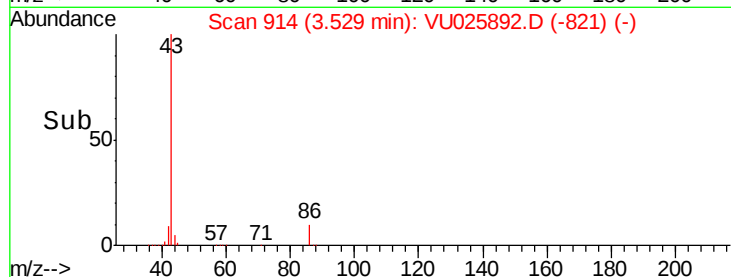
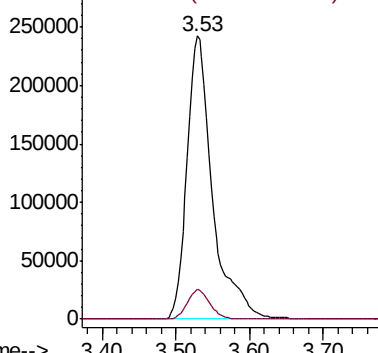
43 100

86 10.5 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 20.372 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

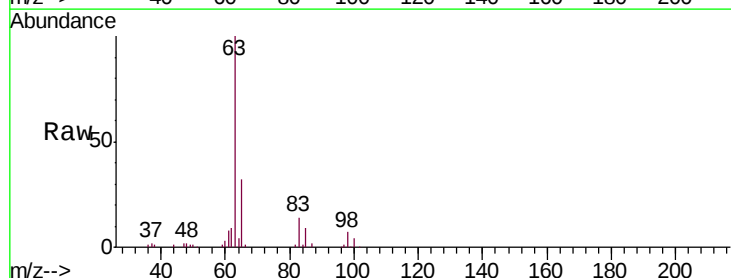
Tgt Ion: 63 Resp: 78225

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

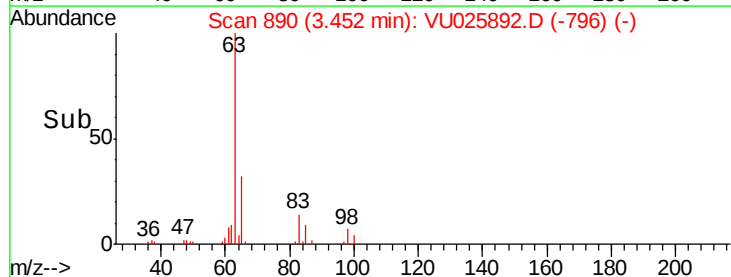
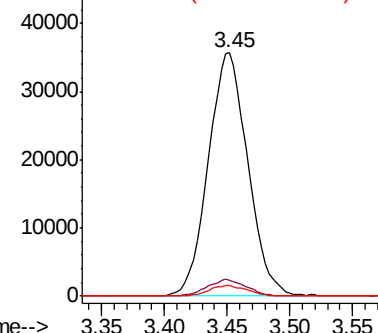
100 4.1 2.0 6.0

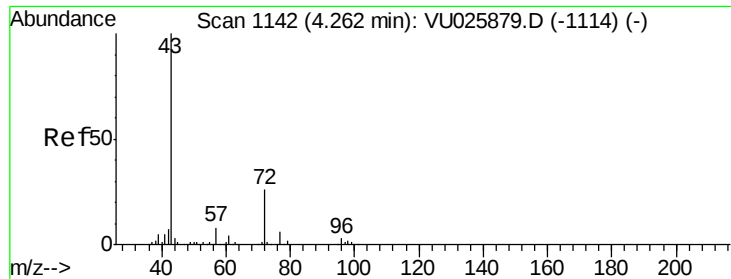


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

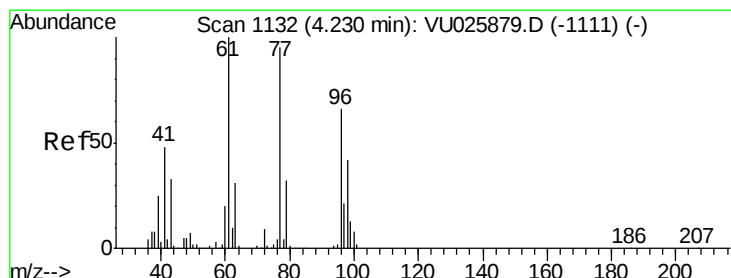
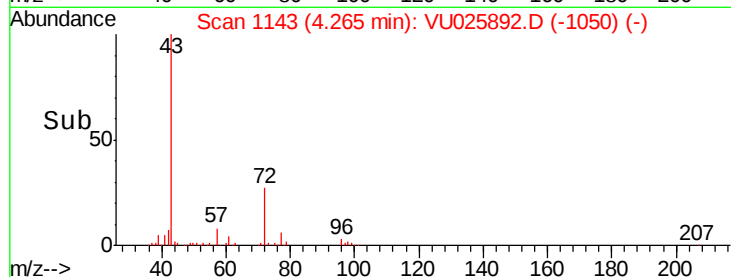
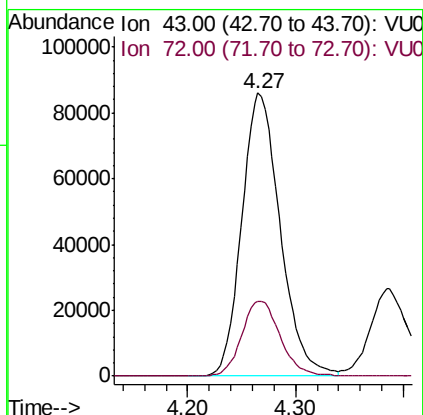
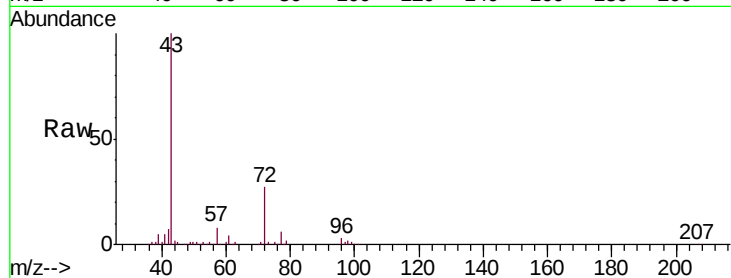




#25
2-Butanone
Concen: 121.529 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

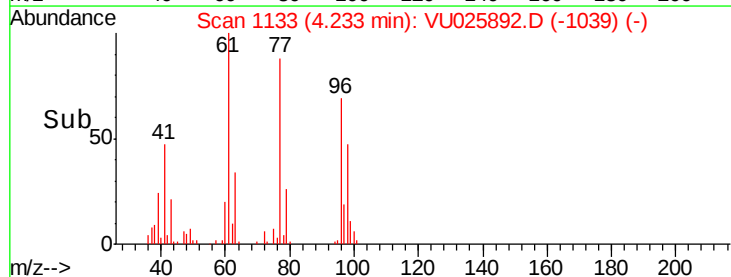
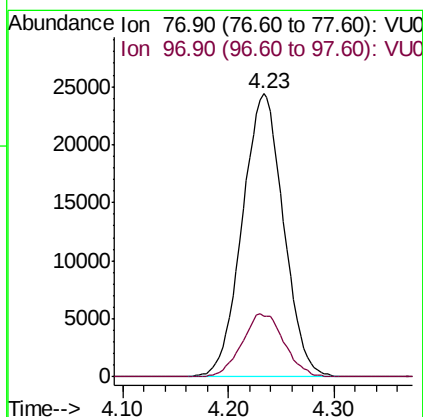
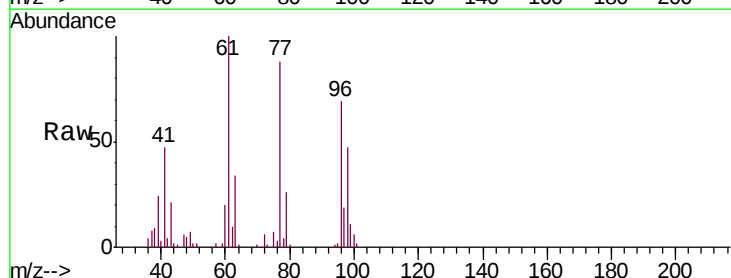
Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

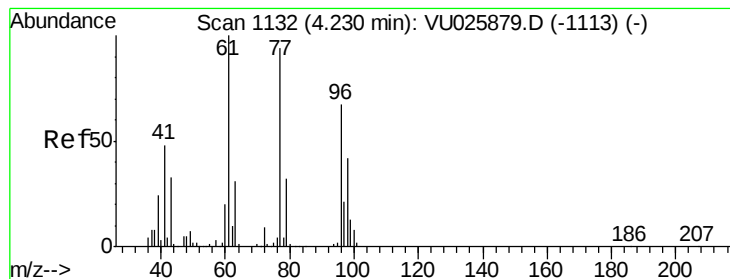
Tgt Ion: 43 Resp: 211417
Ion Ratio Lower Upper
43 100
72 26.7 21.0 31.4



#26
2,2-Dichloropropane
Concen: 18.998 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Tgt Ion: 77 Resp: 66305
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.640 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VU0806MBSD01

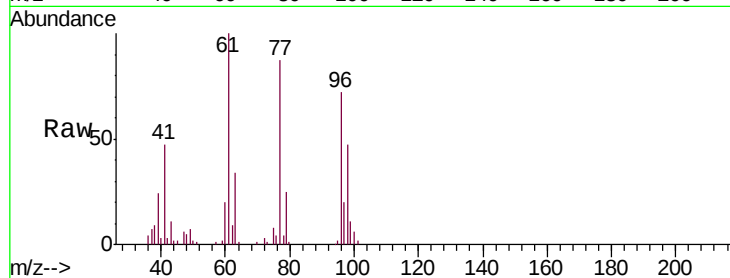
Tgt Ion: 96 Resp: 46235

Ion Ratio Lower Upper

96 100

61 150.2 0.0 299.8

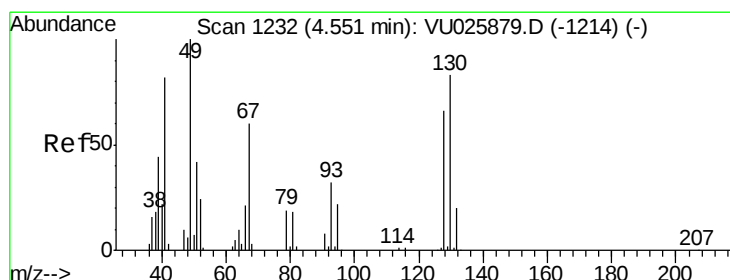
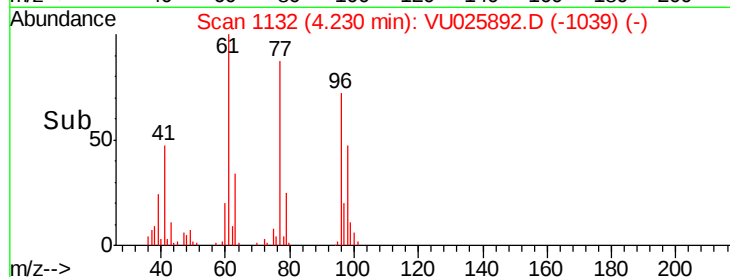
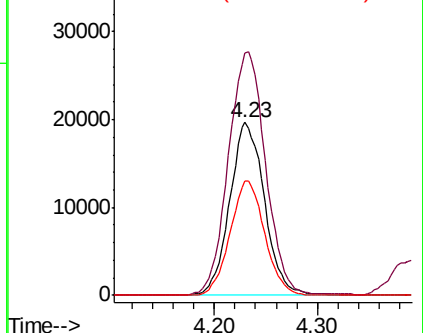
98 65.8 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 20.764 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

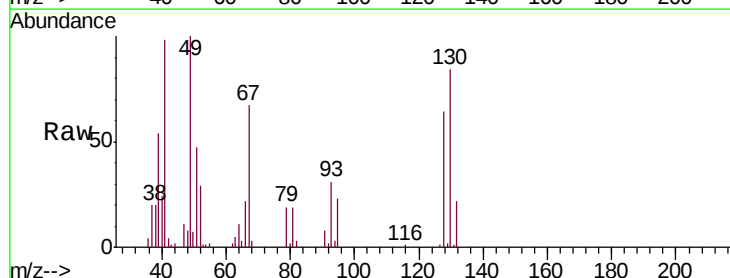
Tgt Ion: 49 Resp: 35648

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

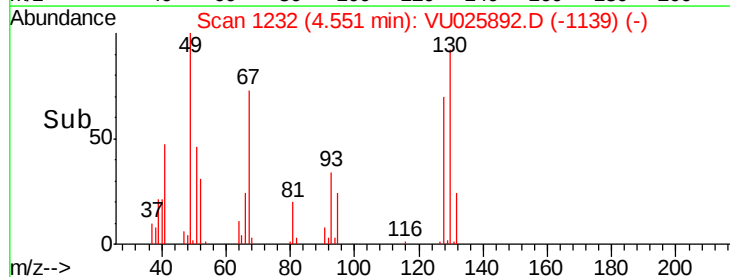
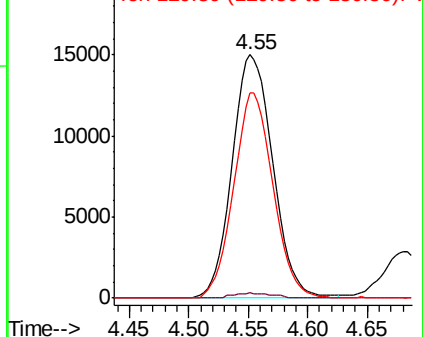
130 81.1 68.6 102.8

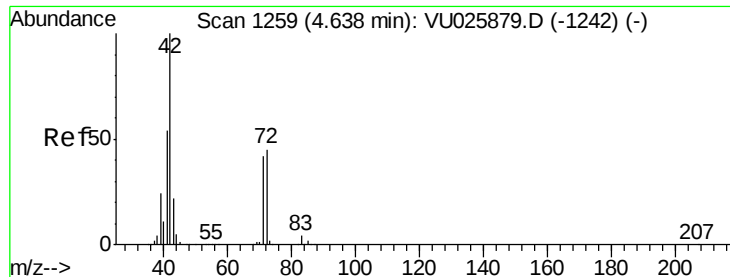


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 103.025 ug/l

RT: 4.64 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VU0806MBSD01

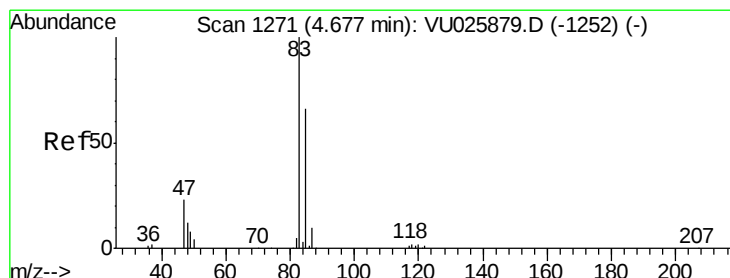
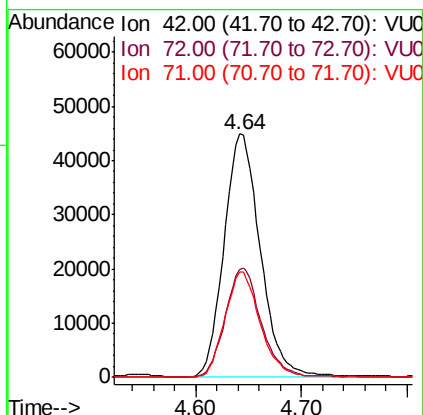
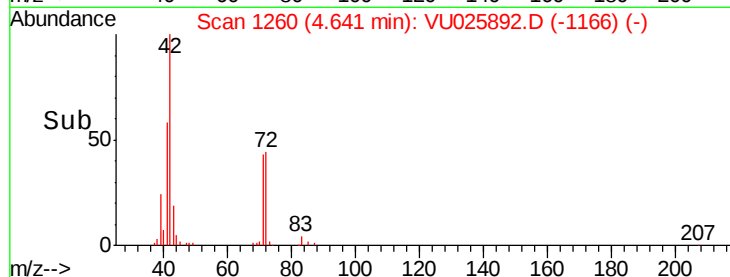
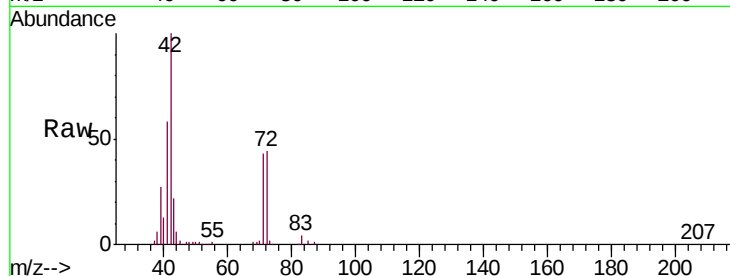
Tgt Ion: 42 Resp: 107377

Ion Ratio Lower Upper

42 100

72 44.5 36.7 55.1

71 42.0 33.9 50.9



#30

Chloroform

Concen: 20.466 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU025892.D

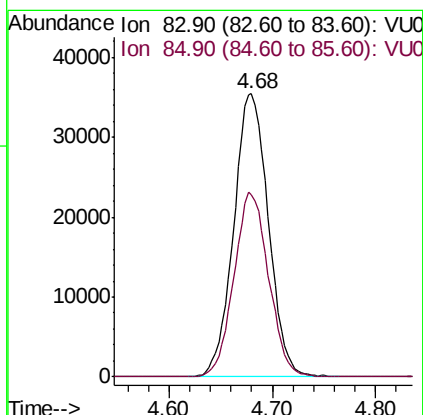
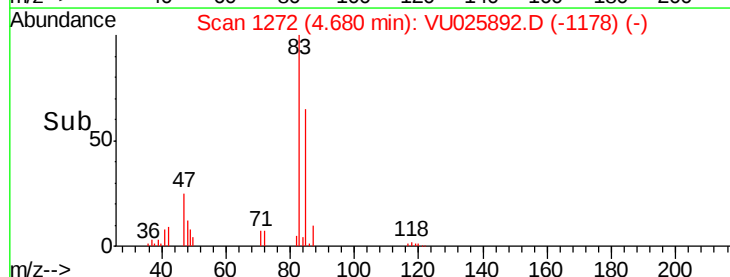
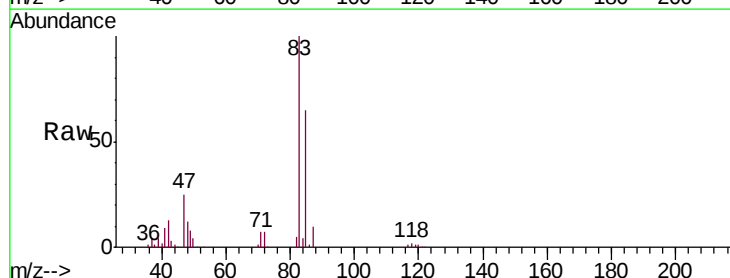
Acq: 06 Aug 2018 17:41

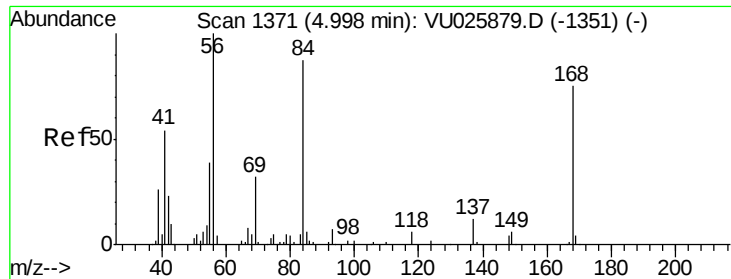
Tgt Ion: 83 Resp: 82951

Ion Ratio Lower Upper

83 100

85 64.6 51.5 77.3

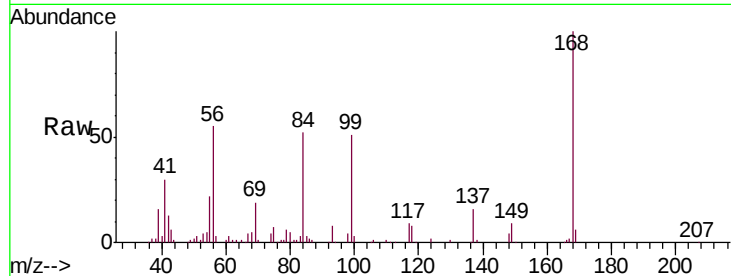




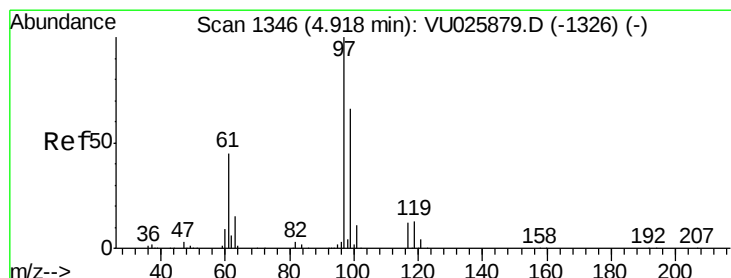
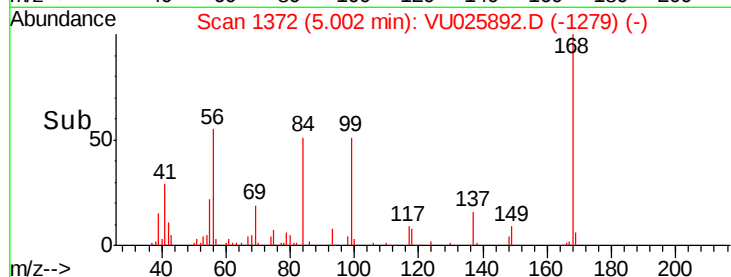
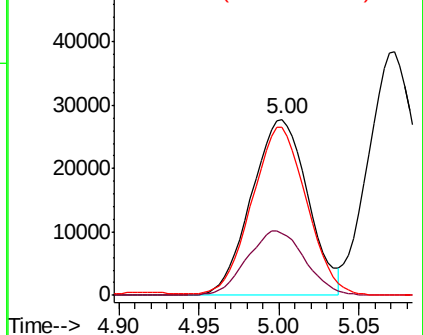
#31
Cyclohexane
Concen: 19.425 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

Tgt Ion: 56 Resp: 67647
Ion Ratio Lower Upper
56 100
69 35.3 26.8 40.2
84 94.2 69.7 104.5

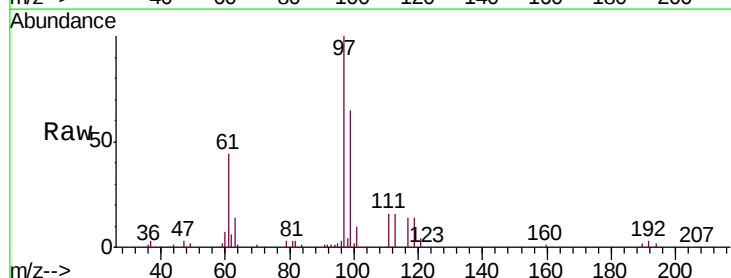


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

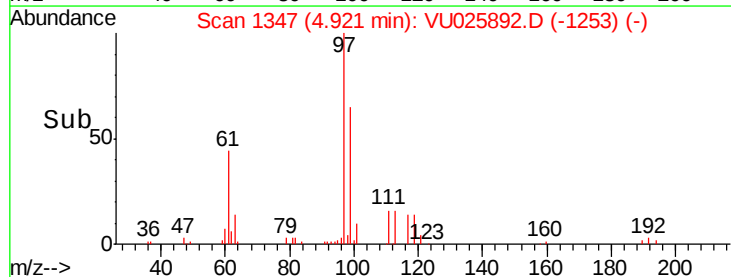
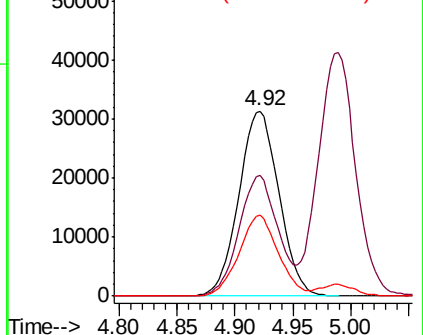


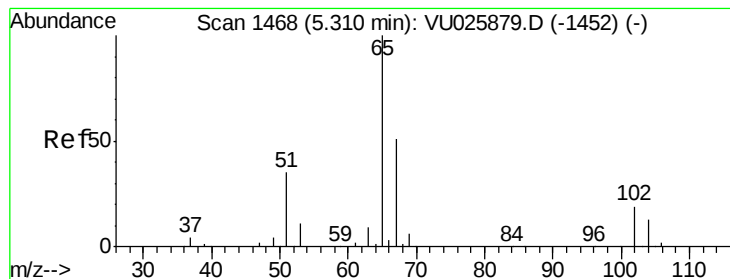
#32
1,1,1-Trichloroethane
Concen: 20.633 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Tgt Ion: 97 Resp: 75292
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 42.8 35.2 52.8



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





#33

1,2-Dichloroethane-d4

Concen: 50.772 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

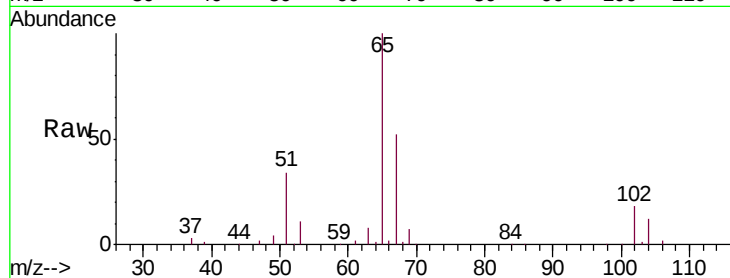
VU0806MBSD01

Tgt Ion: 65 Resp: 133084

Ion Ratio Lower Upper

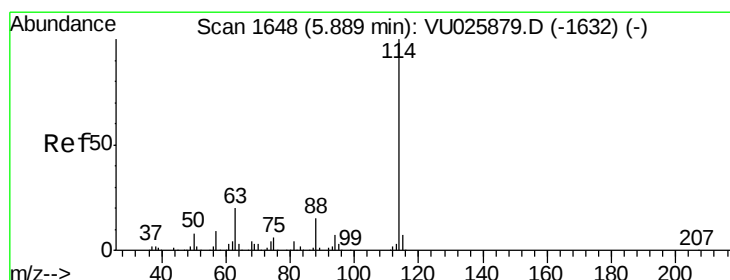
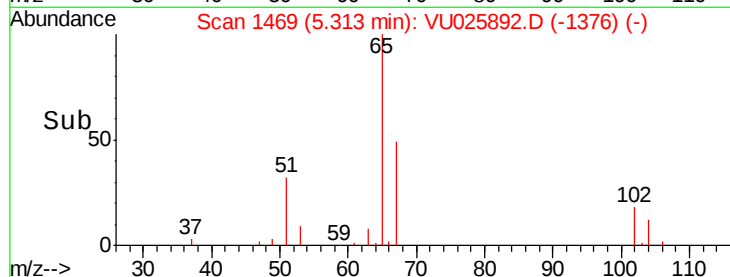
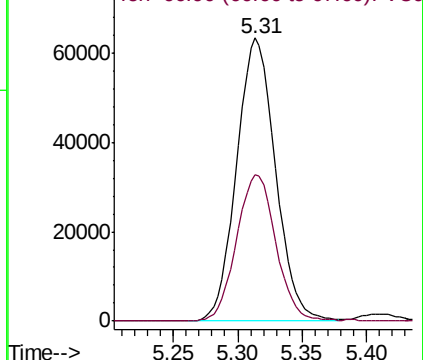
65 100

67 52.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

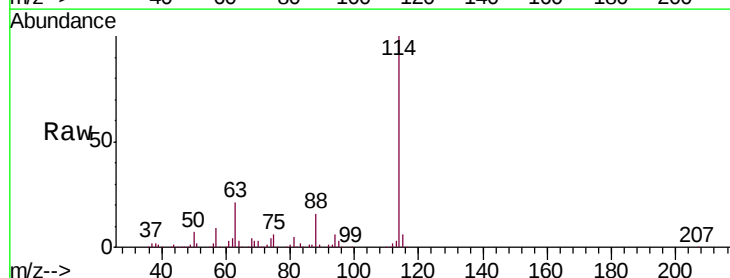
Tgt Ion: 114 Resp: 247413

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.6

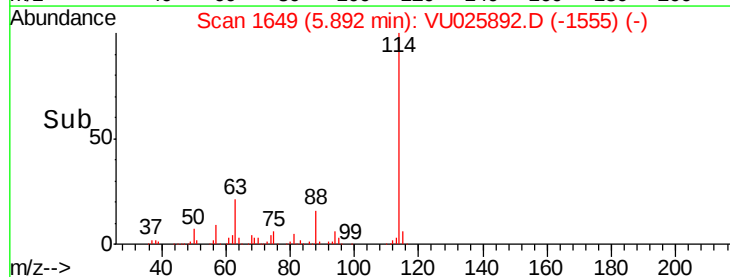
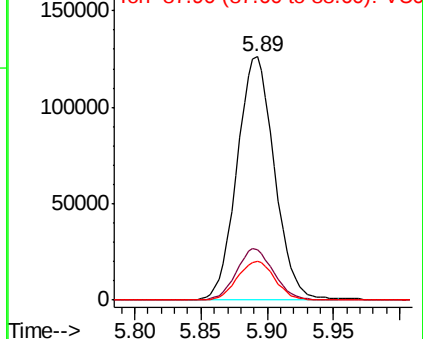
88 15.8 0.0 32.4

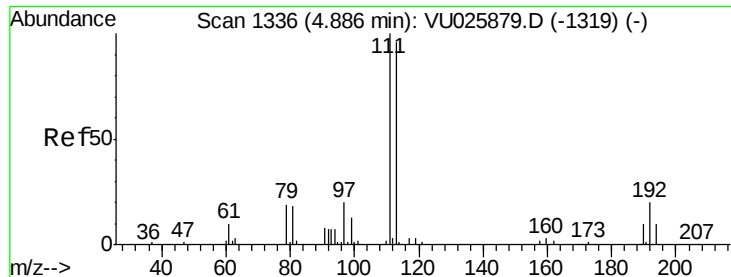


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0





#35

Dibromofluoromethane

Concen: 50.330 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VU0806MBSD01

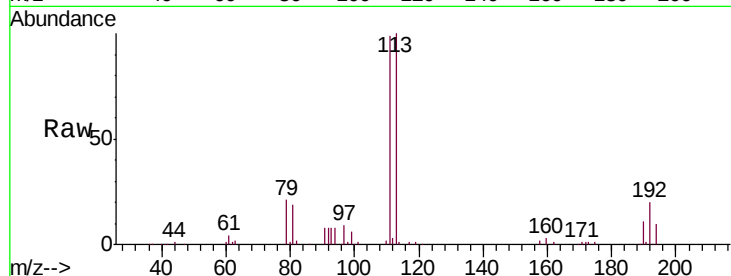
Tgt Ion:113 Resp: 108305

Ion Ratio Lower Upper

113 100

111 100.8 81.7 122.5

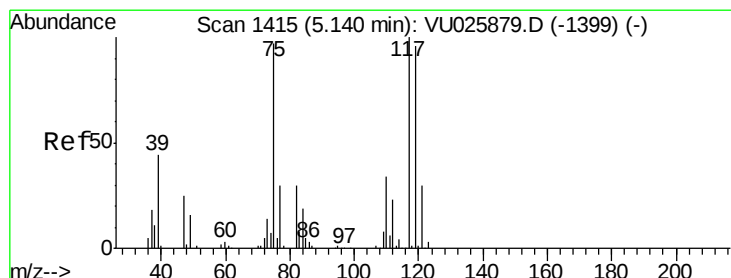
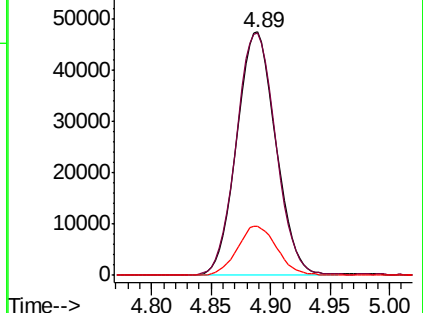
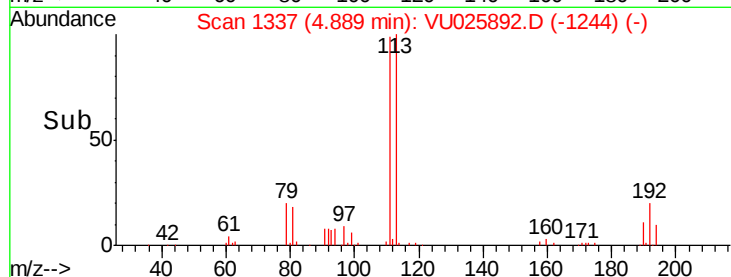
192 20.3 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.501 ug/l

RT: 5.14 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

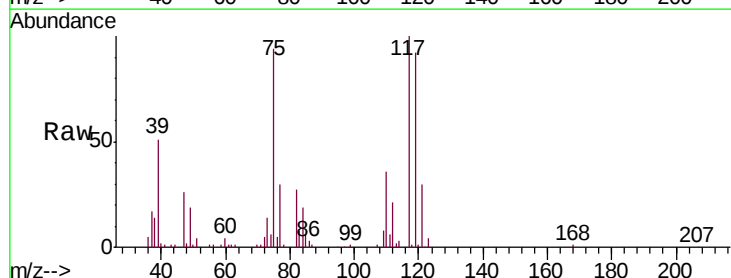
Tgt Ion: 75 Resp: 59278

Ion Ratio Lower Upper

75 100

110 37.5 17.6 52.9

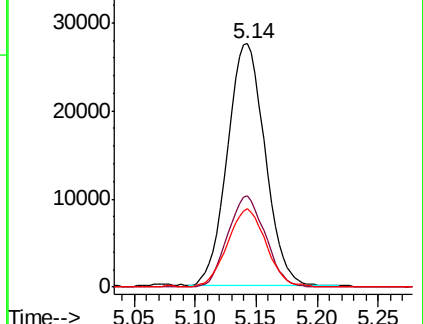
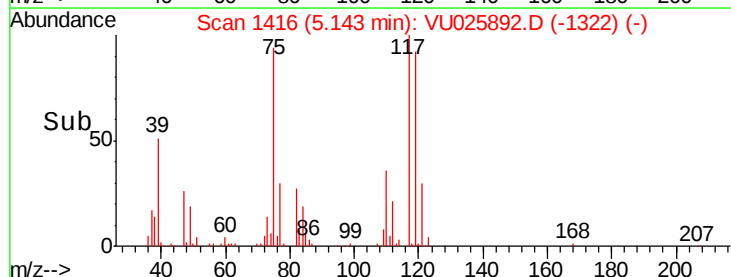
77 32.9 24.4 36.6

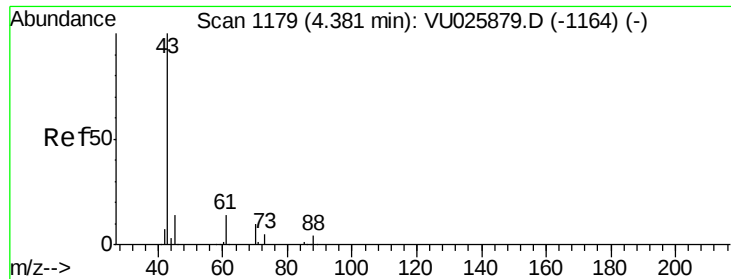


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

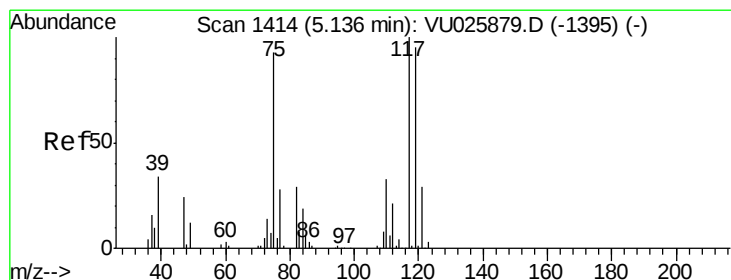
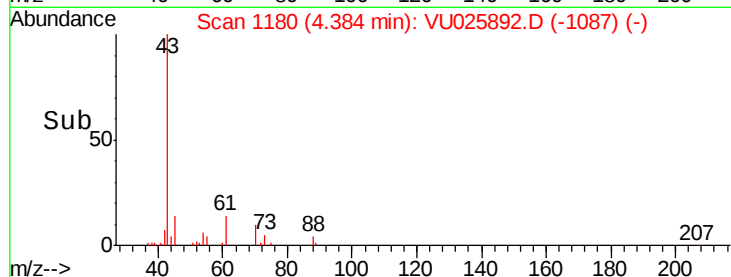
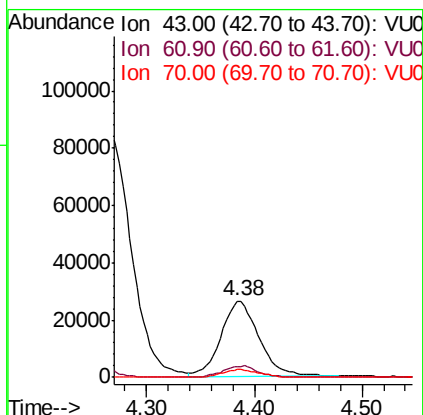
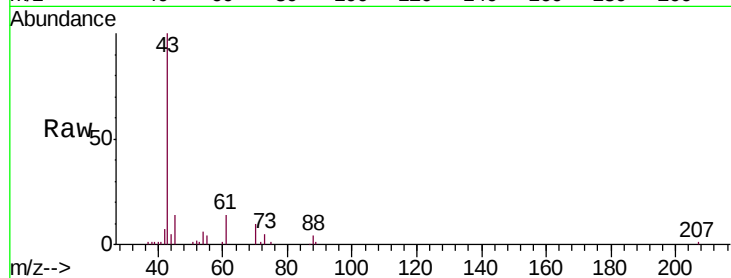




#37
 Ethyl Acetate
 Concen: 21.566 ug/l
 RT: 4.38 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

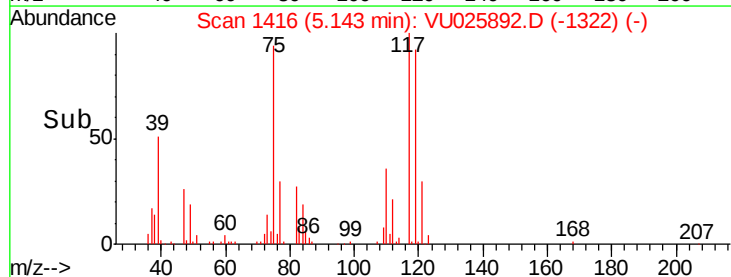
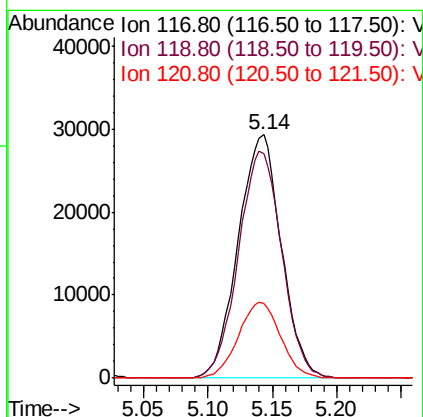
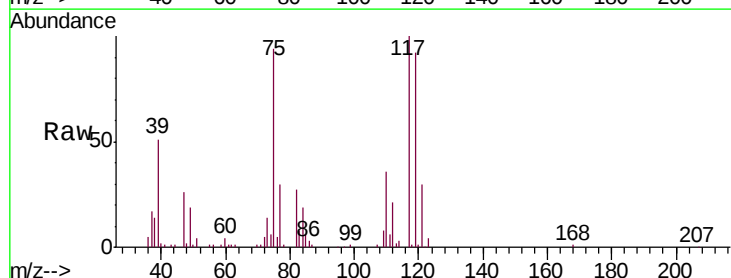
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806MBSD01

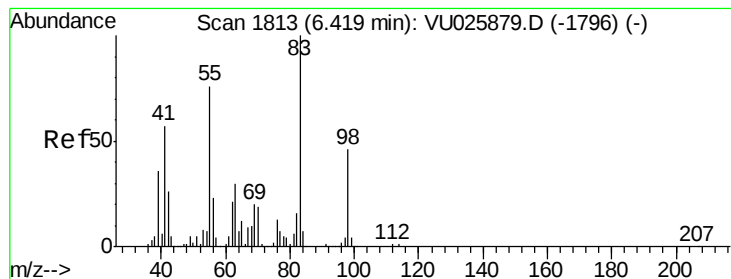
Tgt Ion: 43 Resp: 64657
 Ion Ratio Lower Upper
 43 100
 61 14.3 10.7 16.1
 70 10.0 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 20.791 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Tgt Ion: 117 Resp: 68090
 Ion Ratio Lower Upper
 117 100
 119 92.0 75.7 113.5
 121 30.4 24.6 36.8





#39

Methylcyclohexane

Concen: 19.031 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VU0806MBSD01

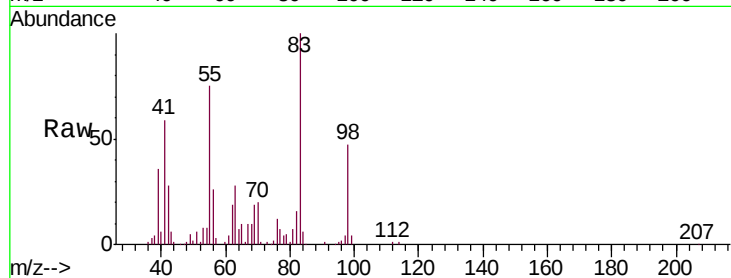
Tgt Ion: 83 Resp: 63047

Ion Ratio Lower Upper

83 100

55 74.6 60.0 90.0

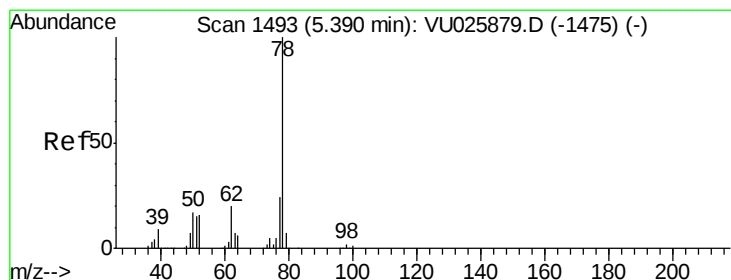
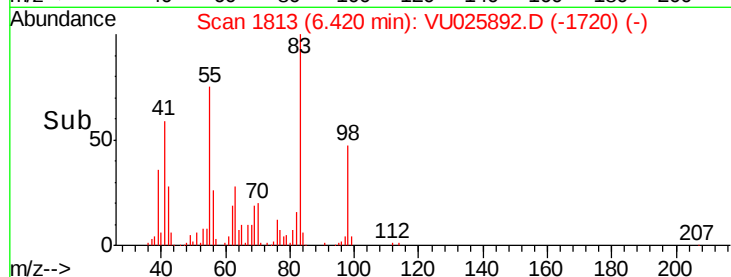
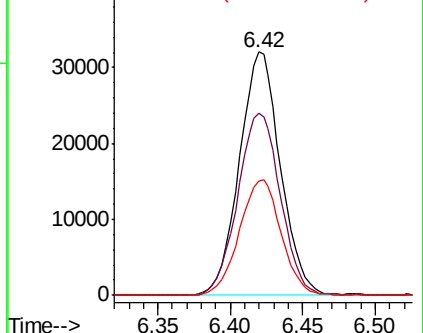
98 46.9 36.1 54.1



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: 20.266 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025892.D

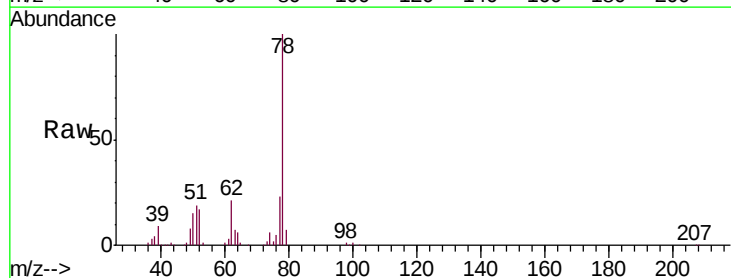
Acq: 06 Aug 2018 17:41

Tgt Ion: 78 Resp: 171282

Ion Ratio Lower Upper

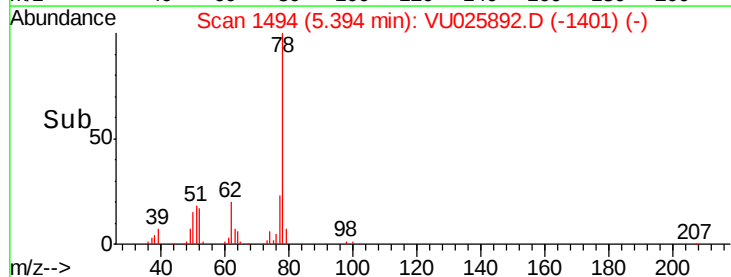
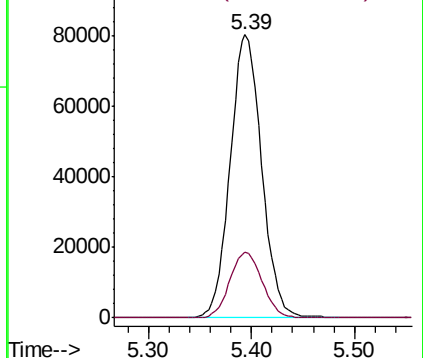
78 100

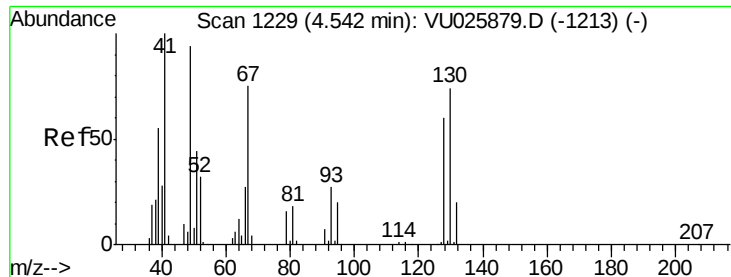
77 23.3 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

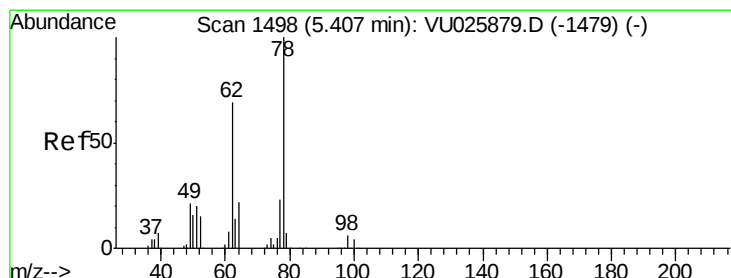
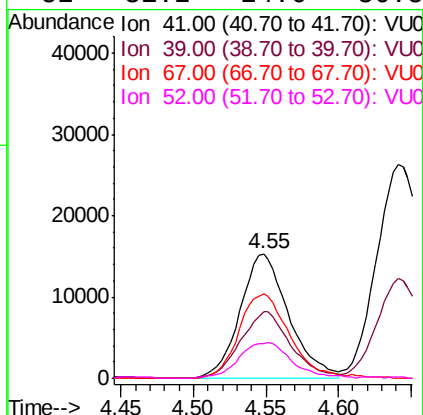
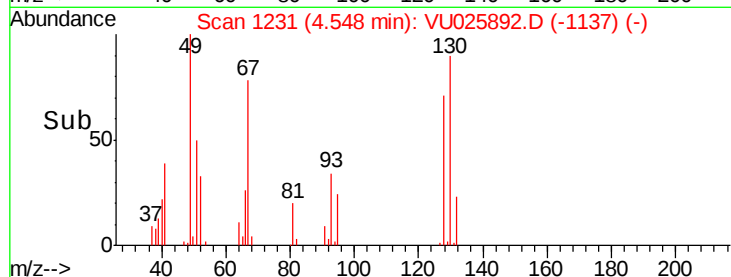
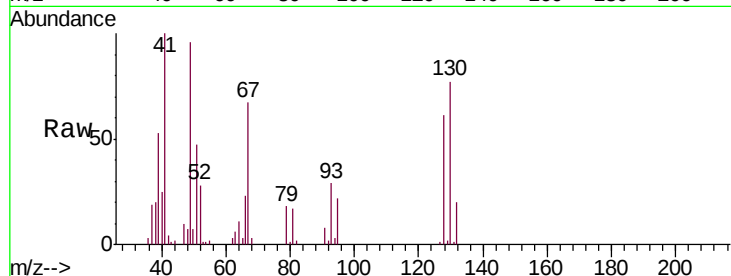




#41
Methacrylonitrile
Concen: 21.416 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

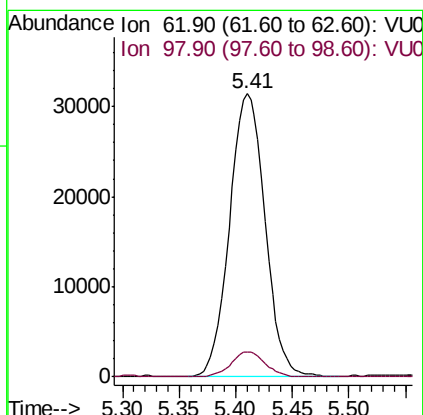
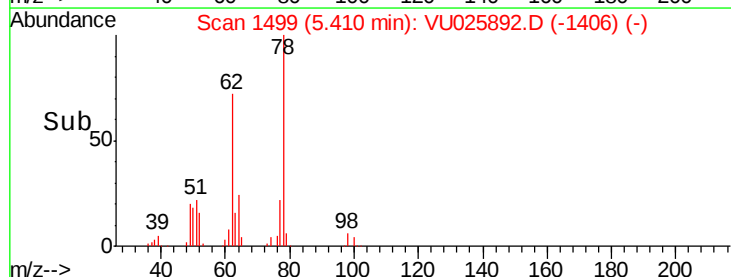
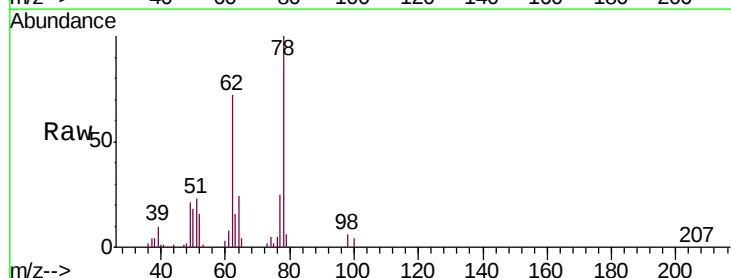
Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

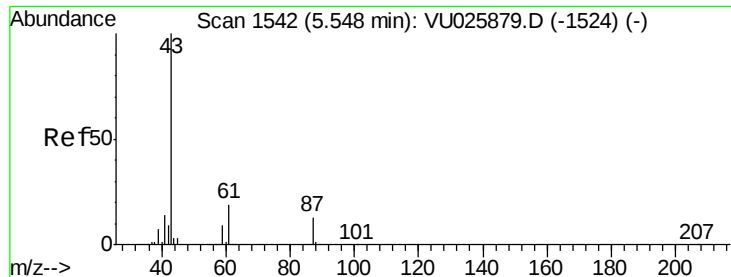
Tgt Ion:	41	Resp:	35662
Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.4	66.6
67	69.7	56.0	84.0
52	31.2	24.6	36.8



#42
1,2-Dichloroethane
Concen: 21.105 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Tgt Ion:	62	Resp:	68684
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.4





#43

Isopropyl Acetate

Concen: 20.602 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VU0806MBSD01

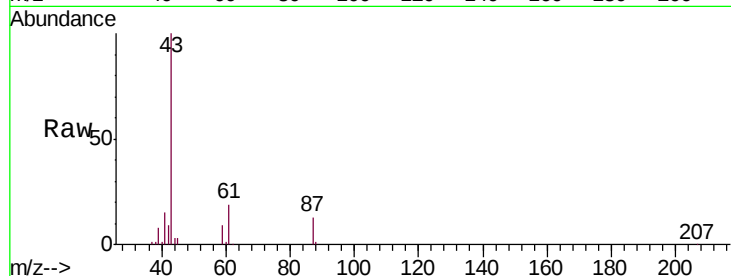
Tgt Ion: 43 Resp: 102069

Ion Ratio Lower Upper

43 100

61 19.2 15.5 23.3

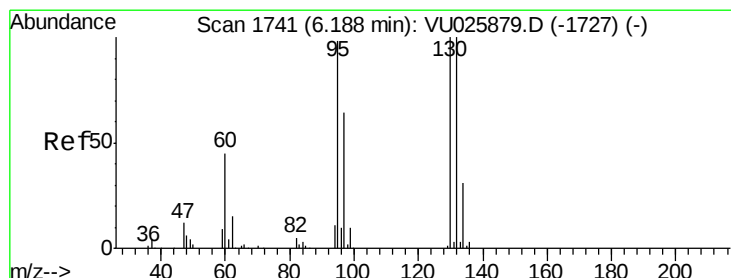
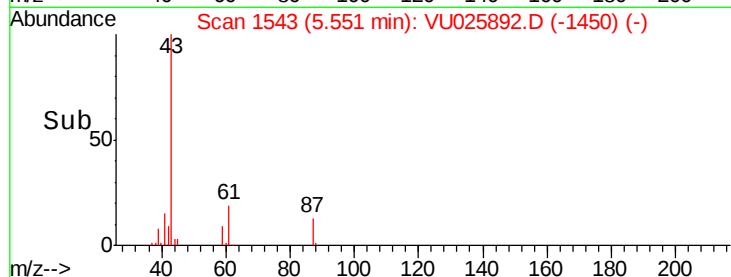
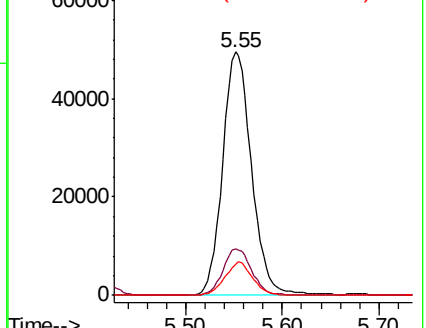
87 13.3 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025892.D (-1450) (-)

Ion 61.00 (60.70 to 61.70): VU025892.D (-1450) (-)

Ion 87.00 (86.70 to 87.70): VU025892.D (-1450) (-)



#44

Trichloroethene

Concen: 20.257 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025892.D

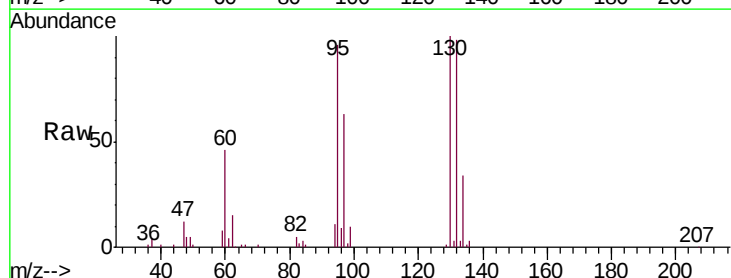
Acq: 06 Aug 2018 17:41

Tgt Ion: 130 Resp: 47680

Ion Ratio Lower Upper

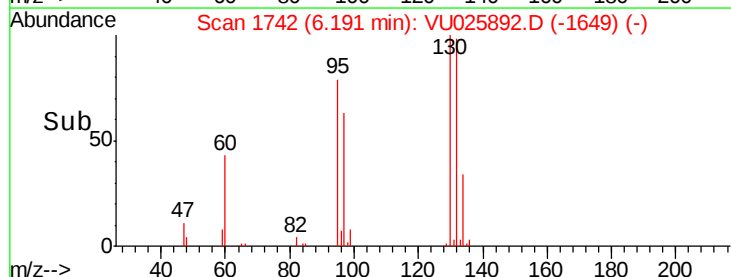
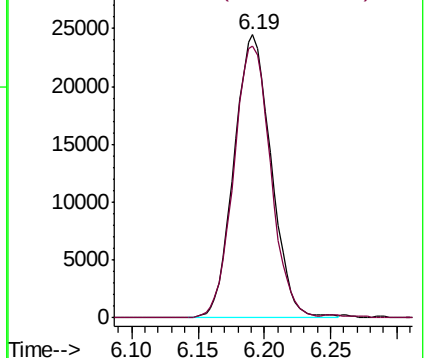
130 100

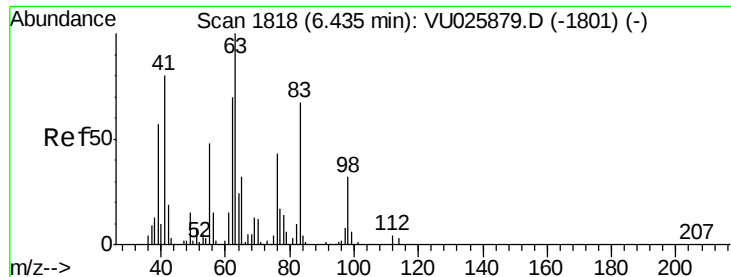
95 96.1 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025892.D (-1649) (-)

Ion 94.90 (94.60 to 95.60): VU025892.D (-1649) (-)

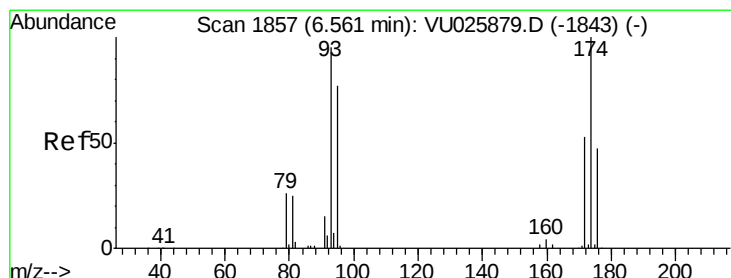
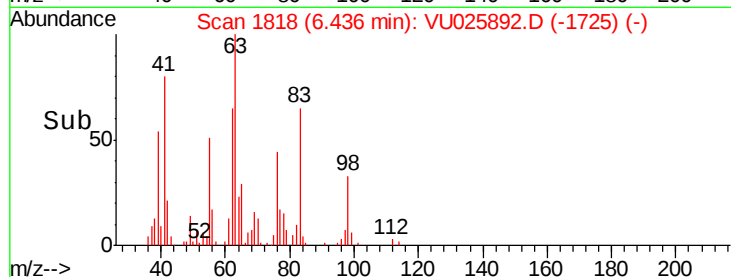
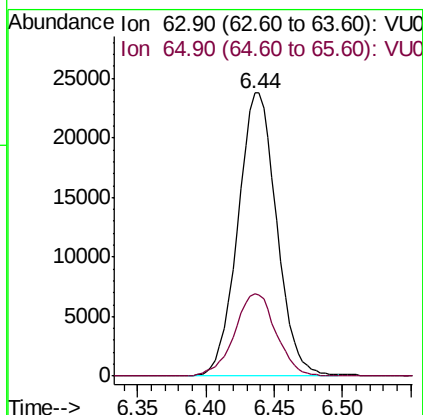
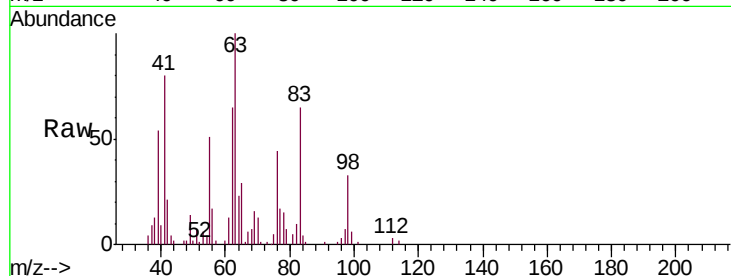




#45
 1,2-Dichloropropane
 Concen: 21.280 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

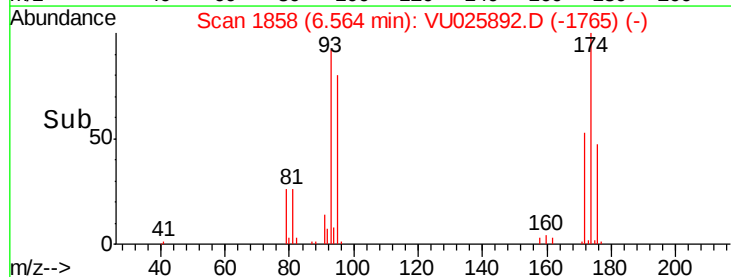
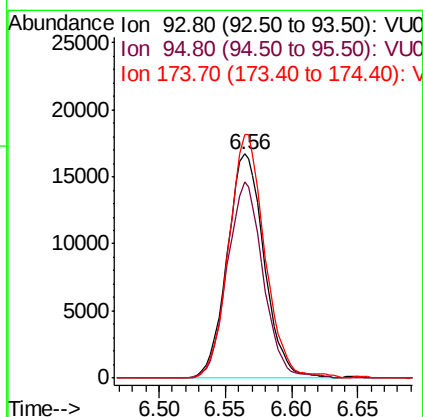
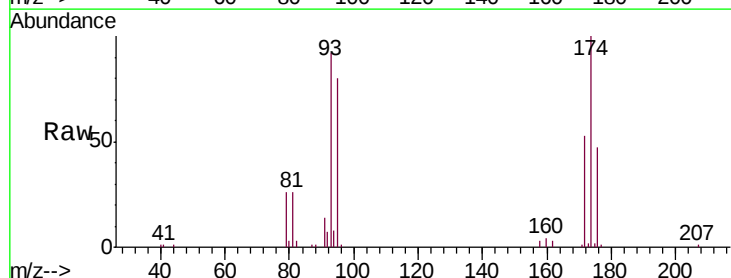
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806MBSD01

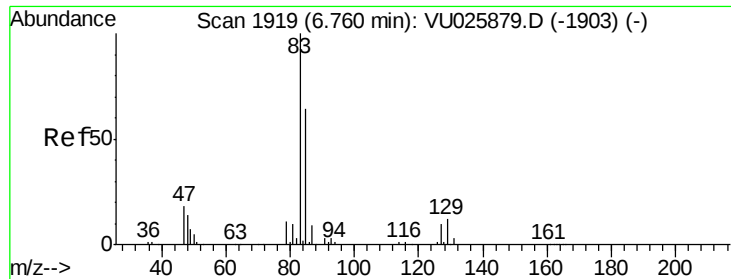
Tgt Ion: 63 Resp: 46905
 Ion Ratio Lower Upper
 63 100
 65 28.9 26.1 39.1



#46
 Dibromomethane
 Concen: 20.242 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Tgt Ion: 93 Resp: 32330
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.6 100.0
 174 105.8 85.8 128.8





#47

Bromodichloromethane

Concen: 20.768 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VU0806MBSD01

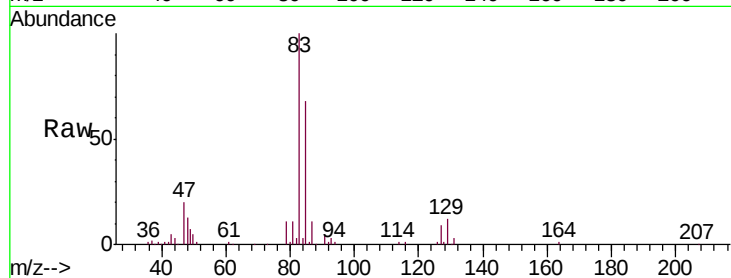
Tgt Ion: 83 Resp: 63273

Ion Ratio Lower Upper

83 100

85 67.6 50.2 75.4

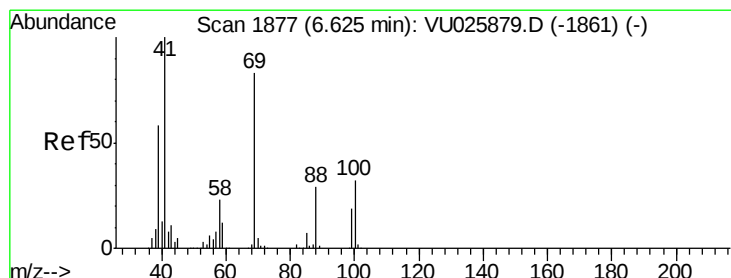
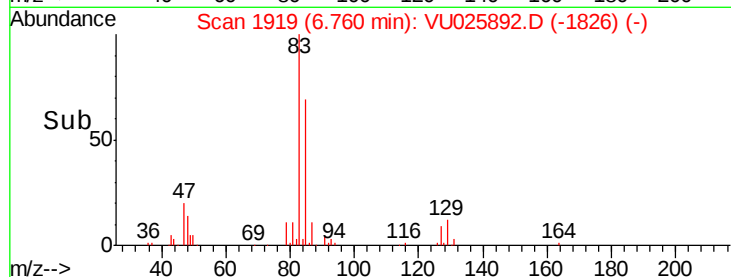
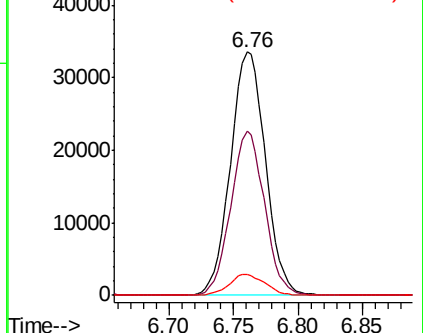
127 8.7 7.2 10.8



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: 20.732 ug/l

RT: 6.63 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

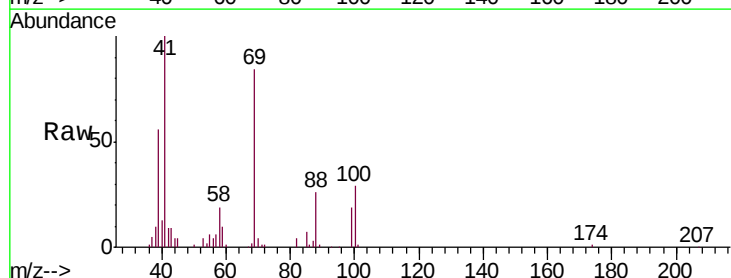
Tgt Ion: 41 Resp: 50341

Ion Ratio Lower Upper

41 100

69 83.6 65.0 97.4

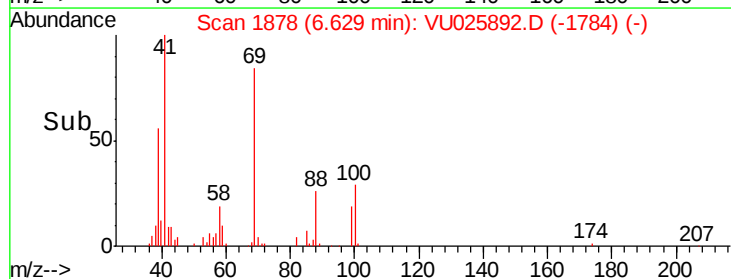
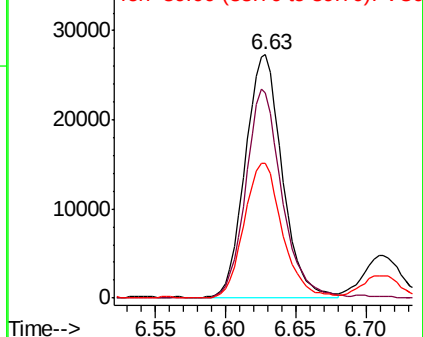
39 57.1 46.4 69.6

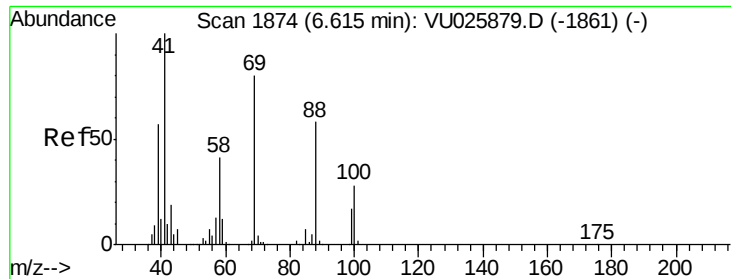


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

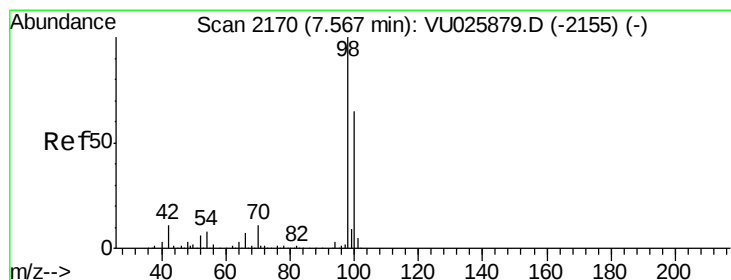
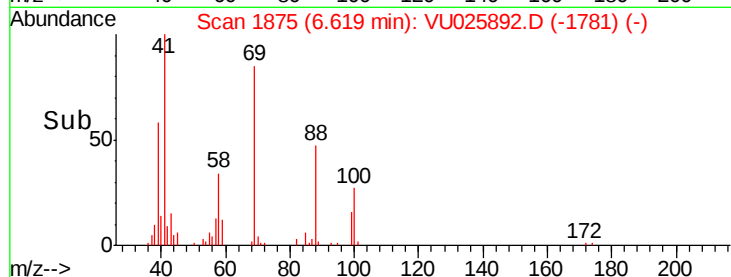
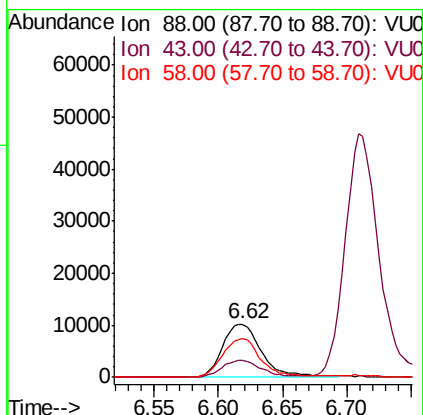
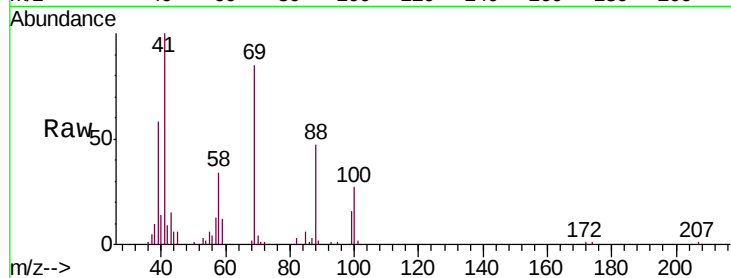




#49
1,4-Dioxane
Concen: 364.094 ug/l
RT: 6.62 min Scan# 1875
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

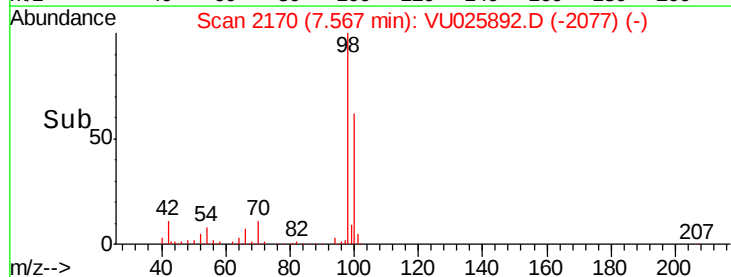
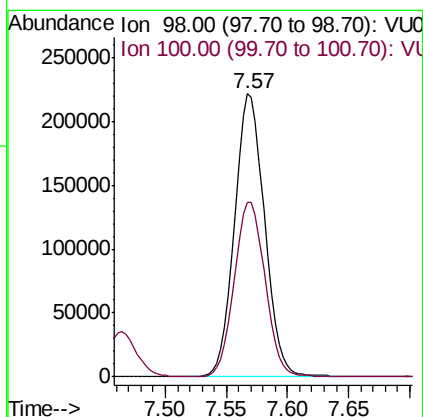
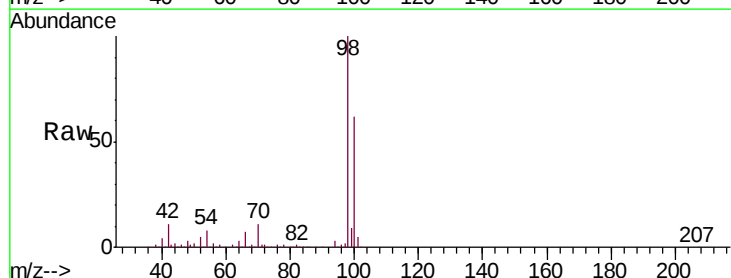
Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

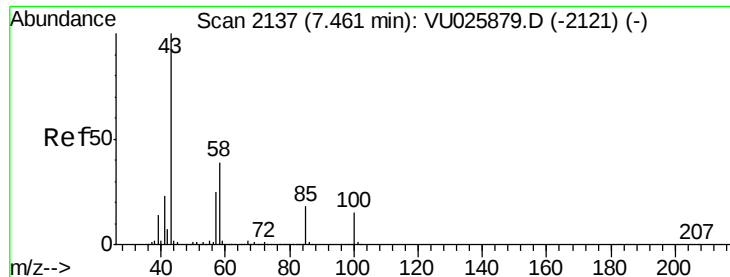
Tgt Ion: 88 Resp: 21514
Ion Ratio Lower Upper
88 100
43 32.4 27.3 40.9
58 70.9 57.6 86.4



#50
Toluene-d8
Concen: 50.372 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Tgt Ion: 98 Resp: 379306
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7

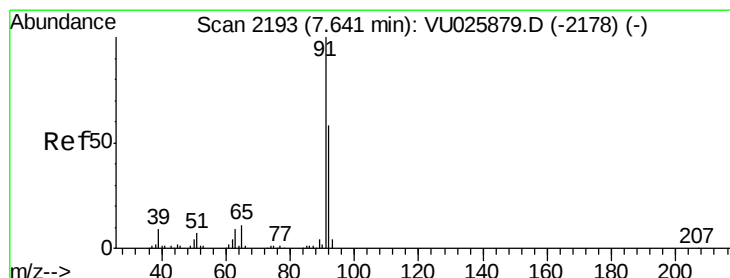
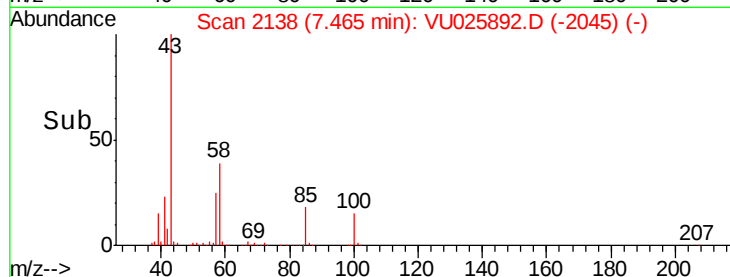
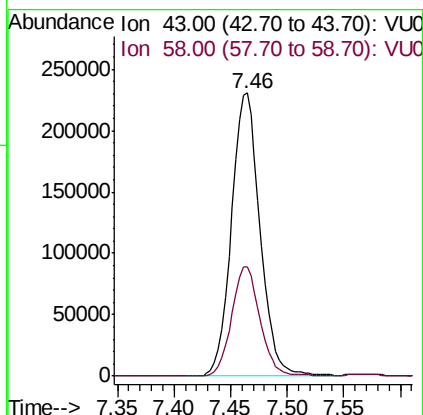
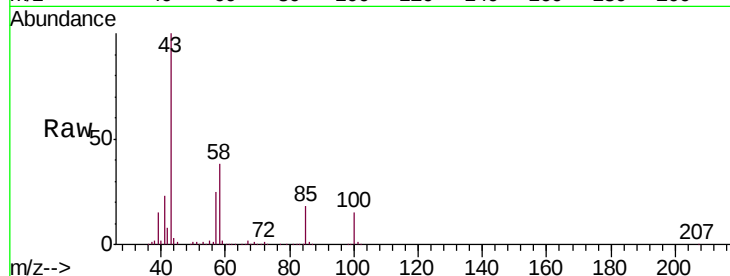




#51
 4-Methyl-2-Pentanone
 Concen: 130.823 ug/l
 RT: 7.46 min Scan# 2138
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

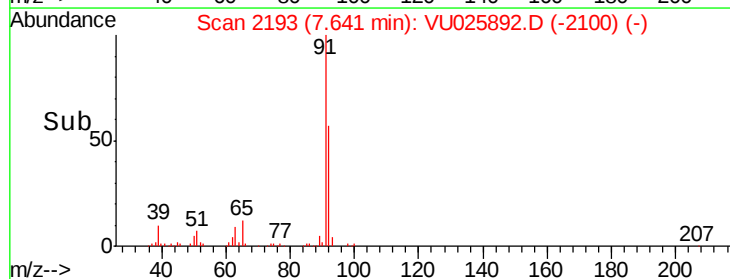
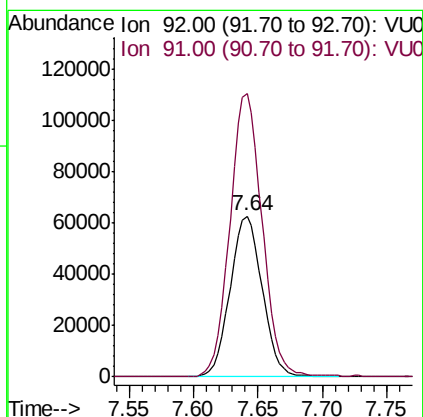
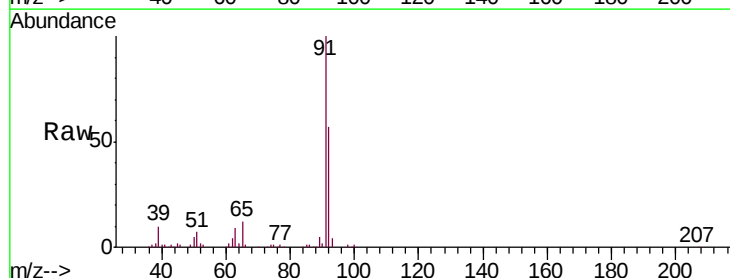
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806MBSD01

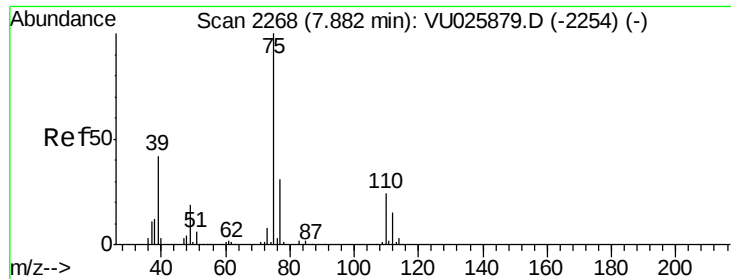
Tgt Ion: 43 Resp: 405778
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.0 46.4



#52
 Toluene
 Concen: 20.709 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Tgt Ion: 92 Resp: 108735
 Ion Ratio Lower Upper
 92 100
 91 176.3 139.2 208.8

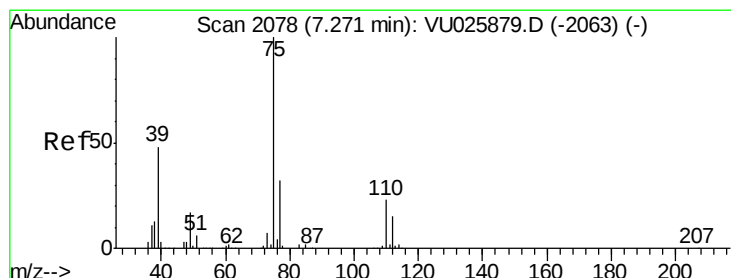
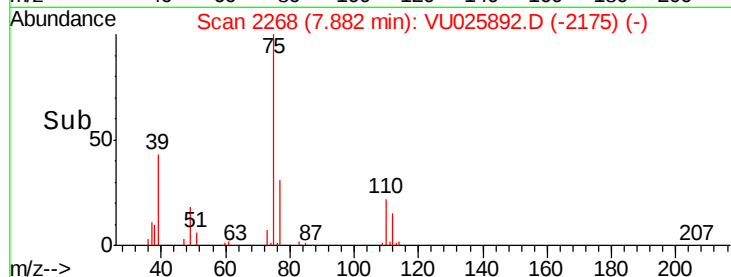
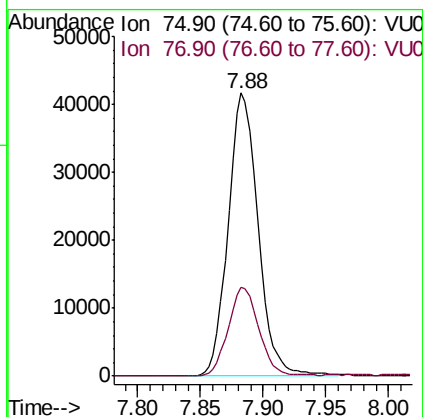
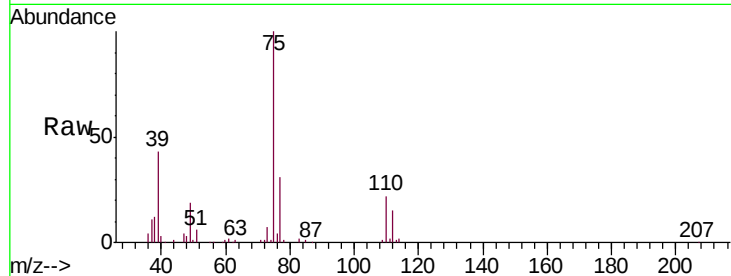




#53
 t-1,3-Dichloropropene
 Concen: 20.262 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

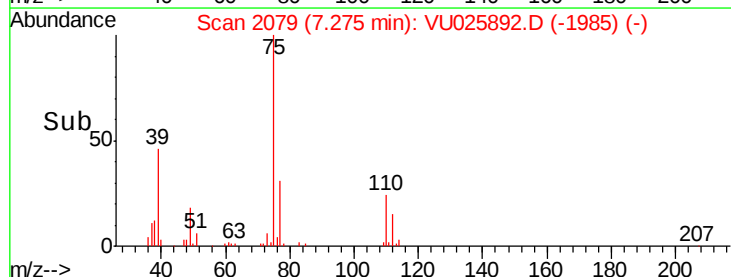
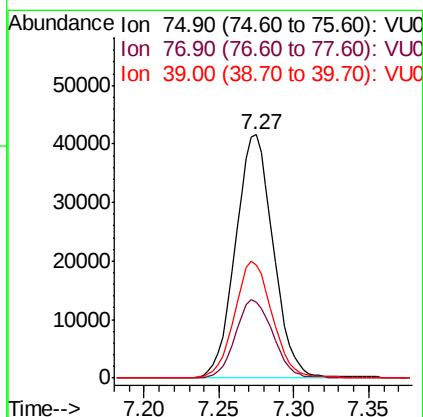
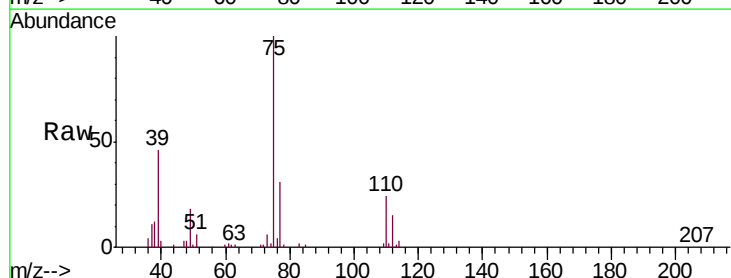
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806MBSD01

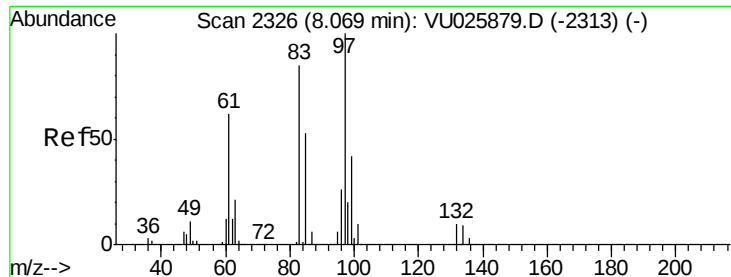
Tgt Ion: 75 Resp: 69313
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.791 ug/l
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Tgt Ion: 75 Resp: 73058
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.6 38.4
 39 46.2 40.0 60.0

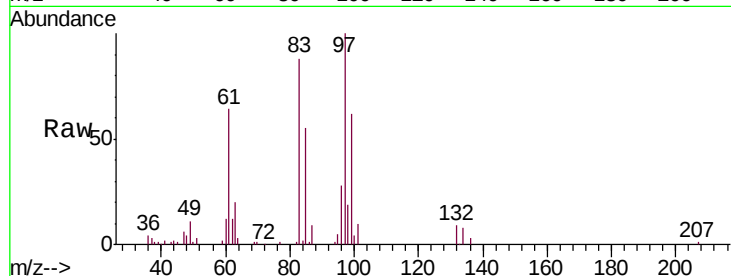




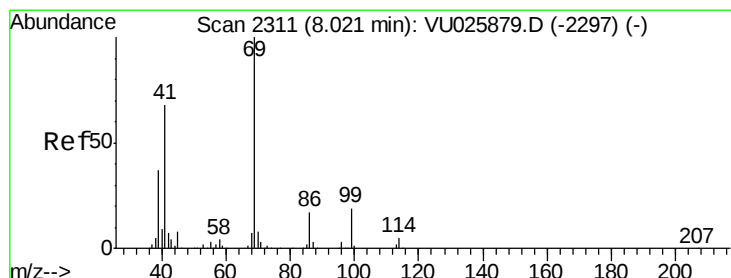
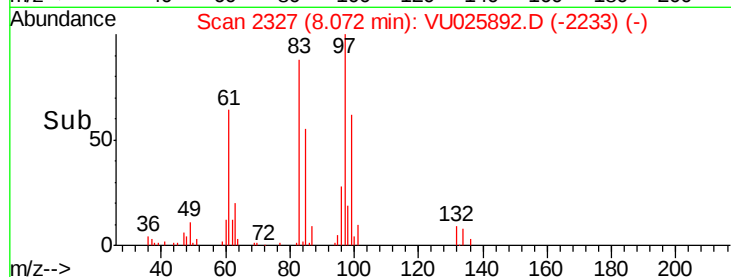
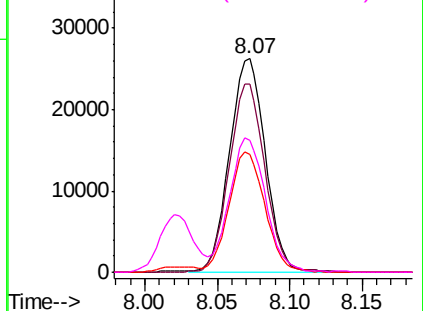
#55
 1,1,2-Trichloroethane
 Concen: 20.678 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806MBSD01

Tgt Ion:	97	Resp:	45121
Ion	Ratio	Lower	Upper
97	100		
83	88.2	68.9	103.3
85	55.0	44.4	66.6
99	61.0	51.0	76.4

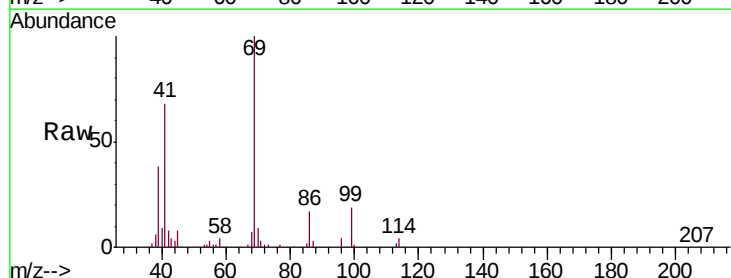


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

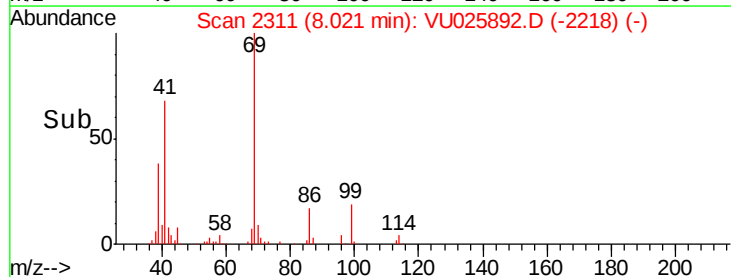
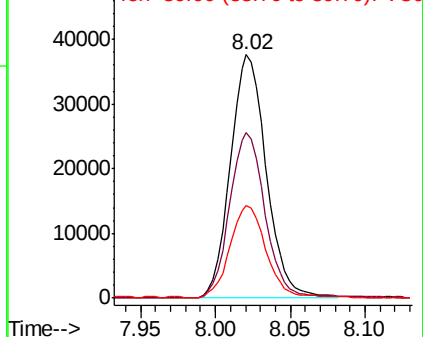


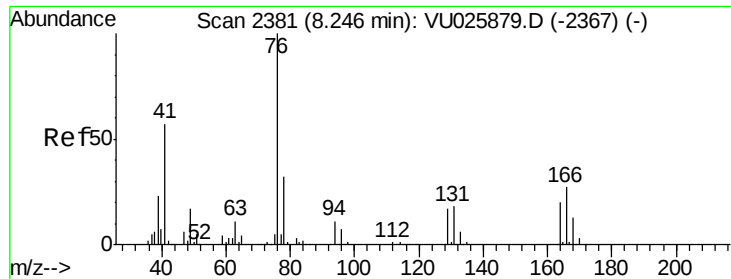
#56
 Ethyl methacrylate
 Concen: 20.181 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Tgt Ion:	69	Resp:	62918
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.8	82.2
39	38.4	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: 20.828 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

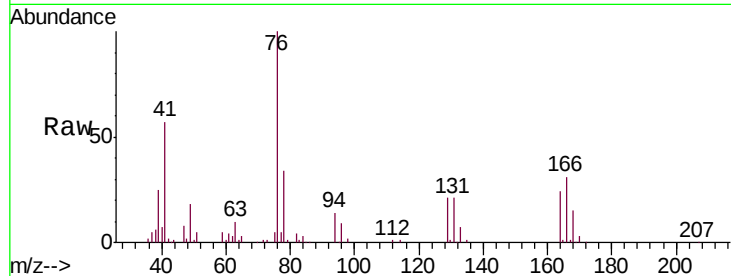
VU0806MBSD01

Tgt Ion: 76 Resp: 76431

Ion Ratio Lower Upper

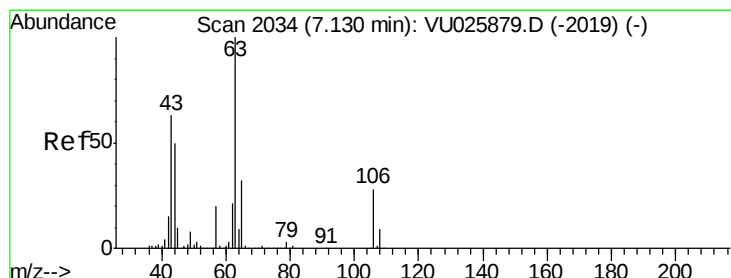
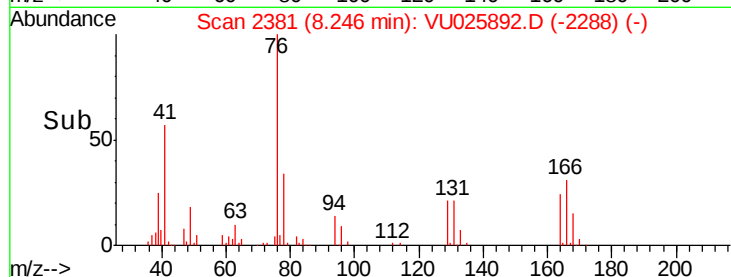
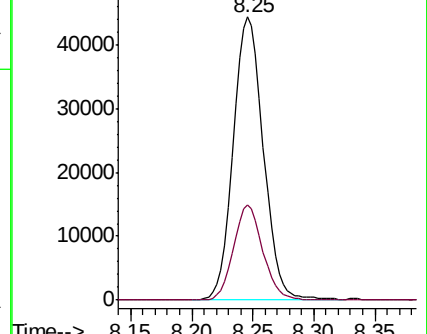
76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 85.858 ug/l

RT: 7.13 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU025892.D

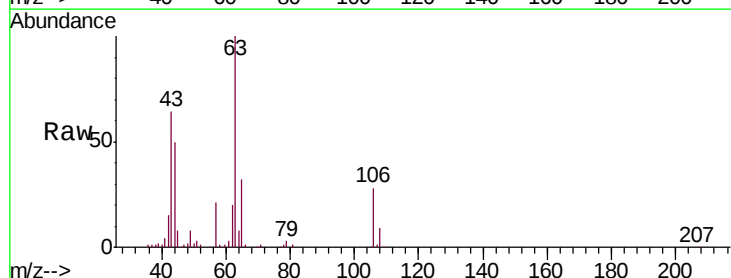
Acq: 06 Aug 2018 17:41

Tgt Ion: 63 Resp: 114466

Ion Ratio Lower Upper

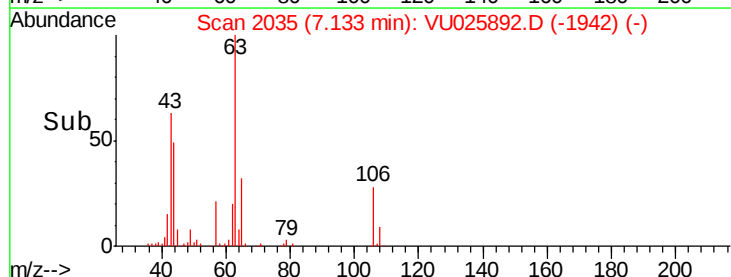
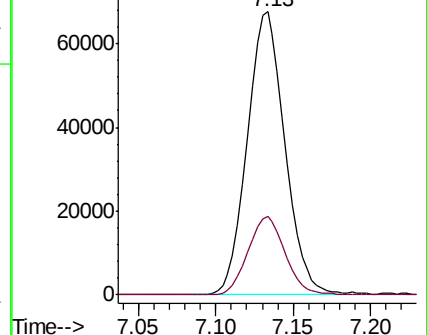
63 100

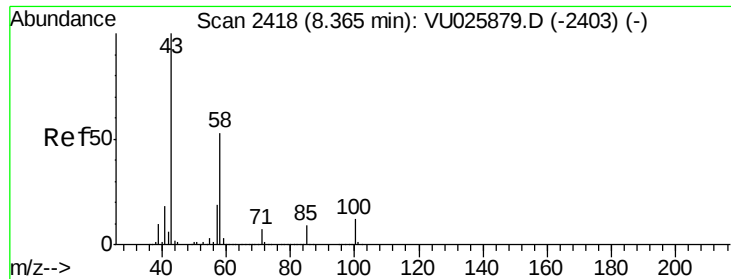
106 27.5 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

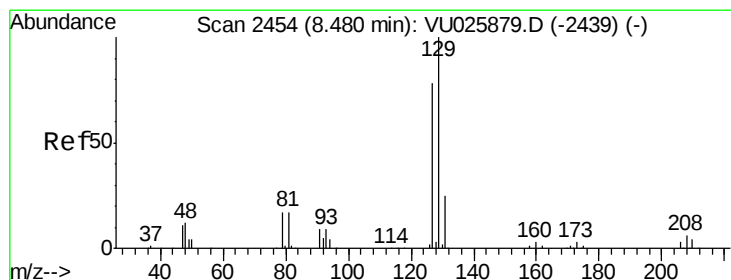
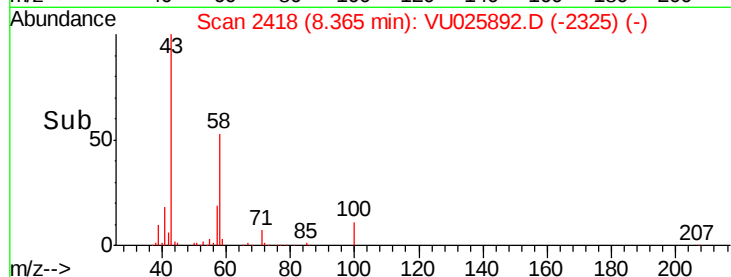
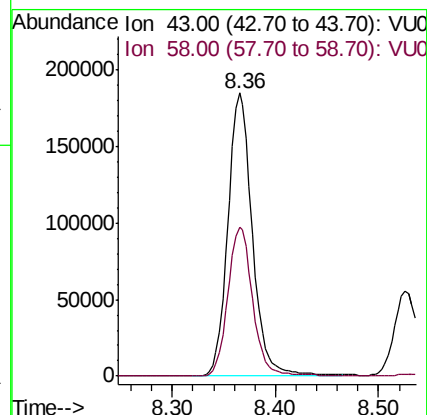
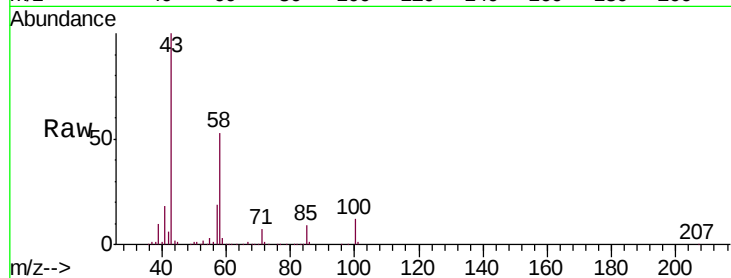




#59
2-Hexanone
Concen: 125.893 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

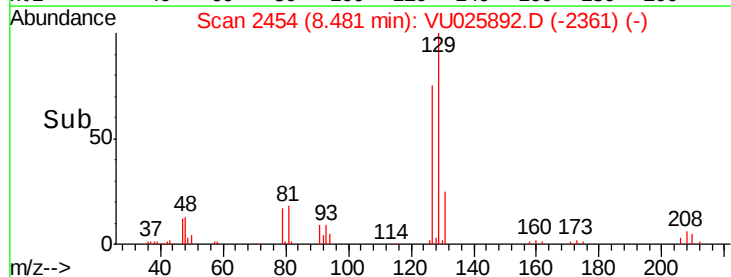
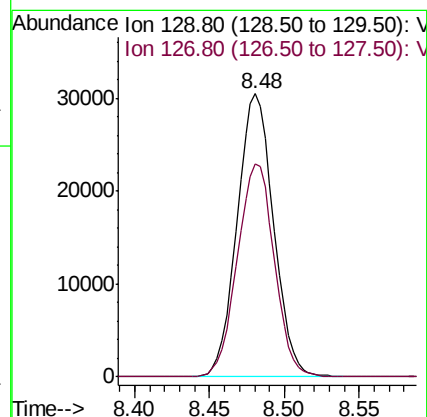
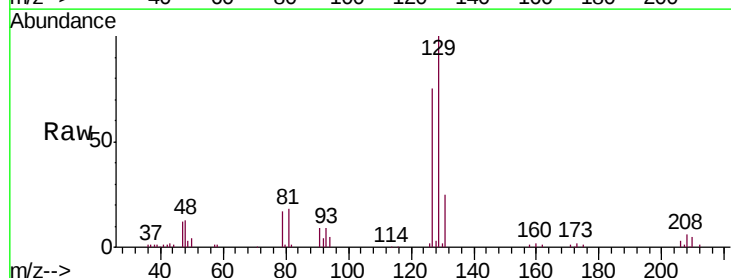
Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

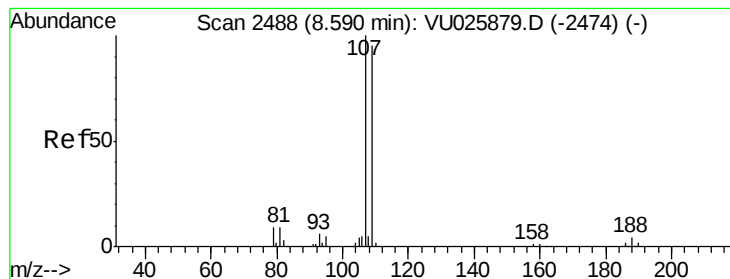
Tgt Ion: 43 Resp: 306093
Ion Ratio Lower Upper
43 100
58 53.1 26.2 78.5



#60
Dibromochloromethane
Concen: 20.083 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Tgt Ion: 129 Resp: 51677
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.984 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

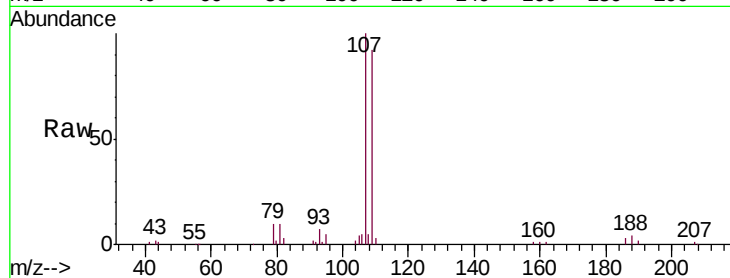
VU0806MBSD01

Tgt Ion: 107 Resp: 50923

Ion Ratio Lower Upper

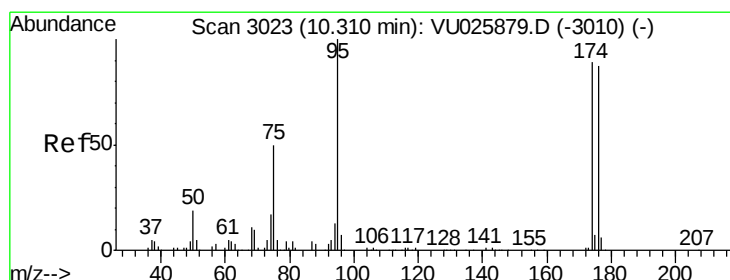
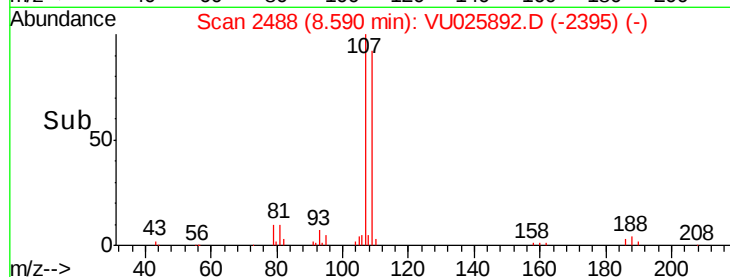
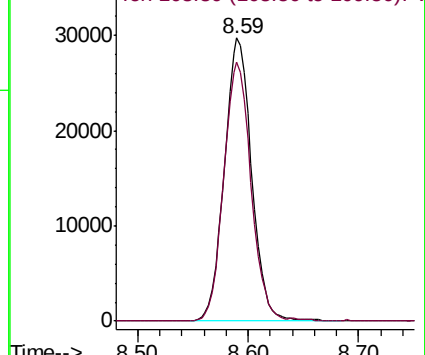
107 100

109 92.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.648 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

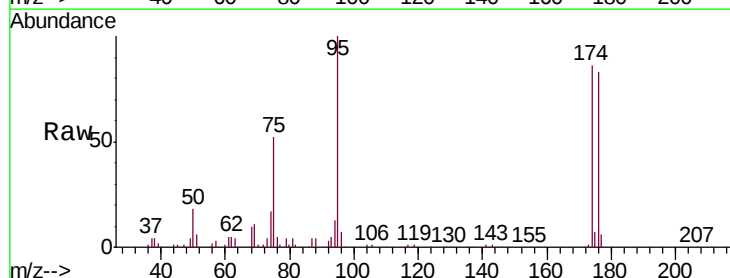
Tgt Ion: 95 Resp: 142188

Ion Ratio Lower Upper

95 100

174 88.9 0.0 172.2

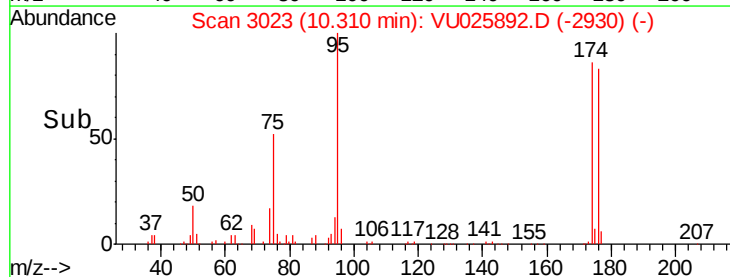
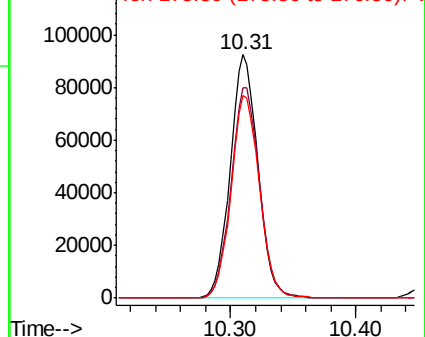
176 85.0 0.0 162.6

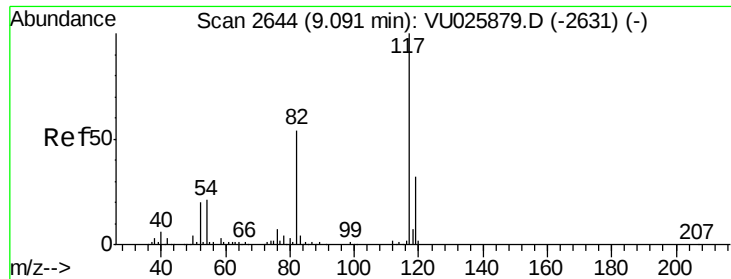


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

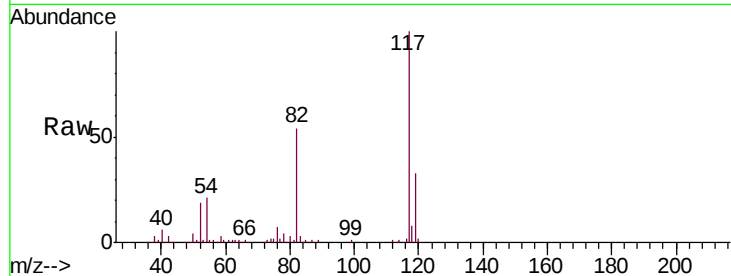




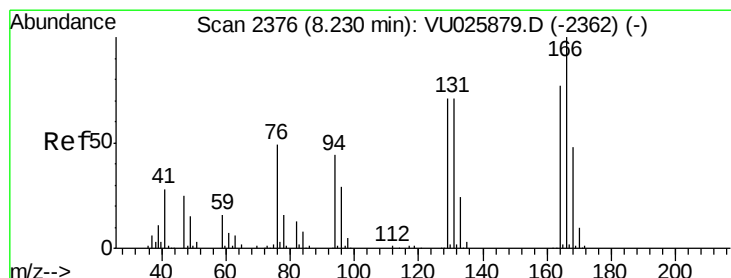
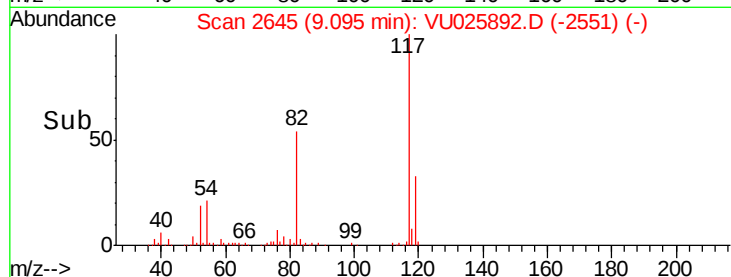
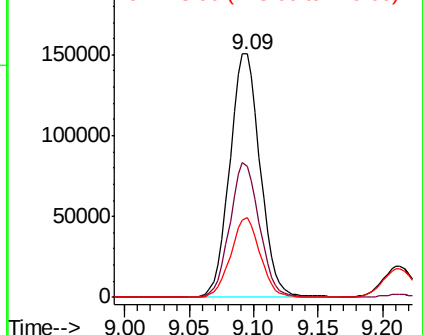
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

Tgt Ion:117 Resp: 246820
Ion Ratio Lower Upper
117 100
82 54.0 46.0 69.0
119 32.5 26.0 39.0

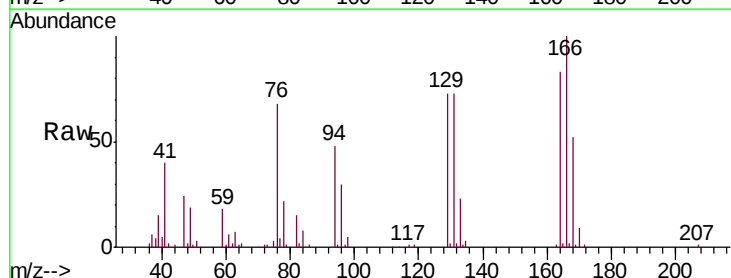


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

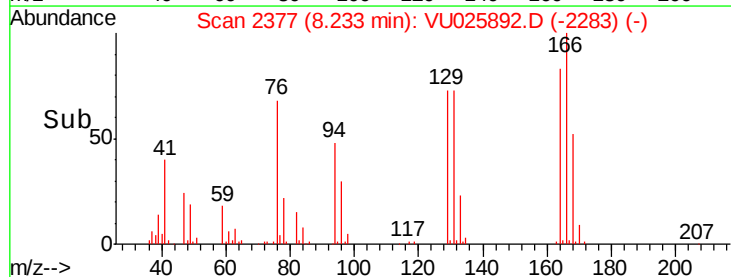
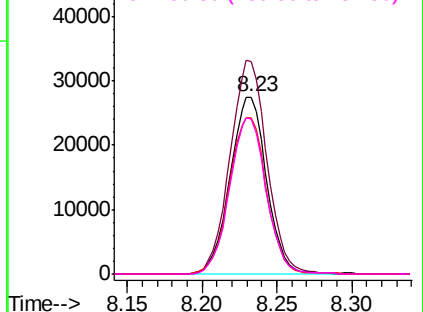


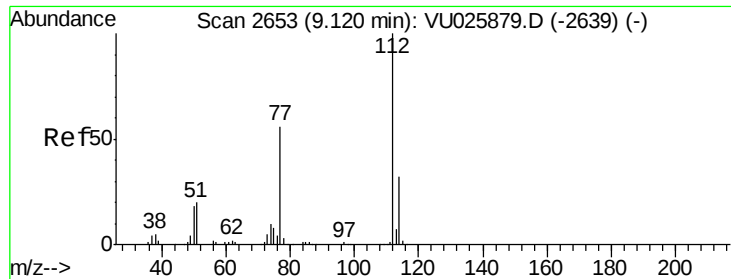
#64
Tetrachloroethene
Concen: 21.436 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Tgt Ion:164 Resp: 46571
Ion Ratio Lower Upper
164 100
166 120.5 101.1 151.7
129 88.4 73.0 109.6
131 87.7 72.1 108.1



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





#65

Chlorobenzene

Concen: 19.719 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

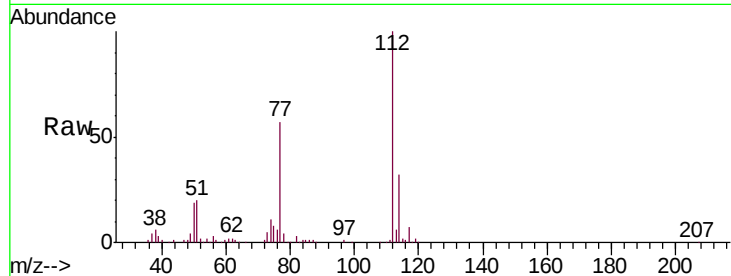
VU0806MBSD01

Tgt Ion:112 Resp: 125481

Ion Ratio Lower Upper

112 100

114 31.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

80000

60000

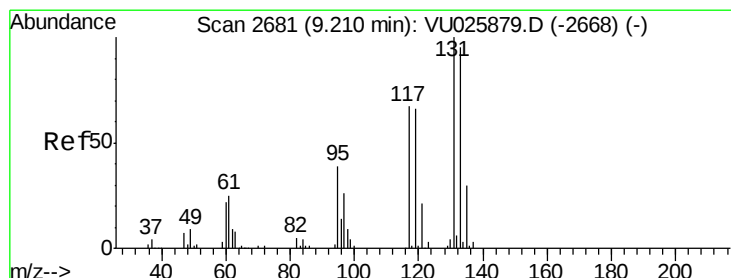
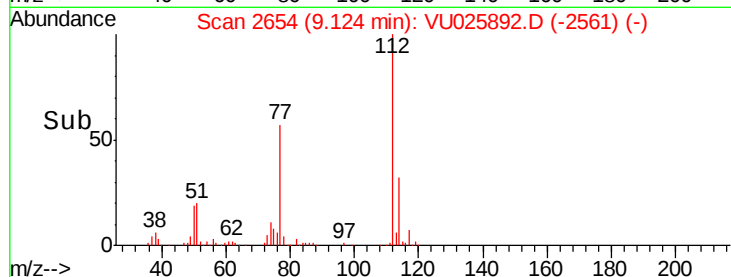
40000

20000

0

9.05 9.10 9.15 9.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.509 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

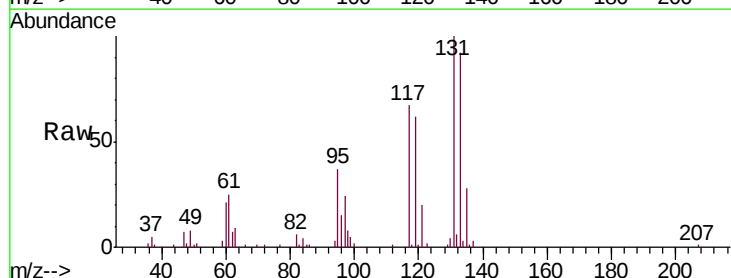
Tgt Ion:131 Resp: 47213

Ion Ratio Lower Upper

131 100

133 93.3 47.8 143.3

119 64.4 31.6 95.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

40000

30000

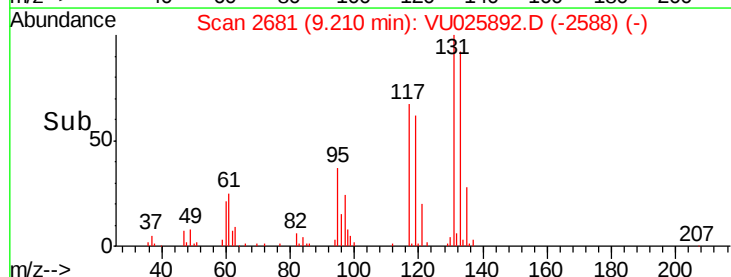
20000

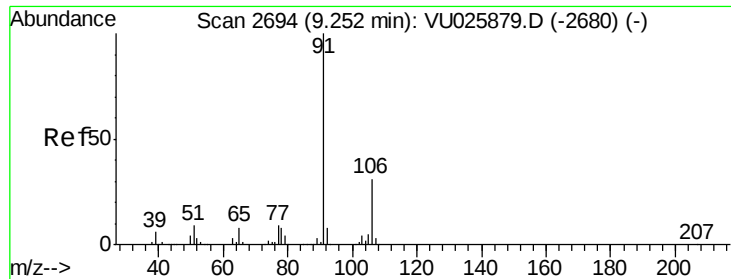
10000

0

9.15 9.20 9.25

Time-->

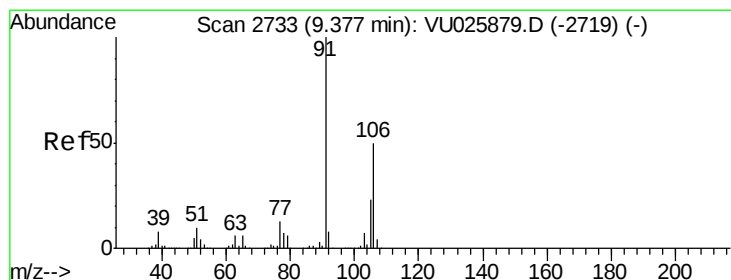
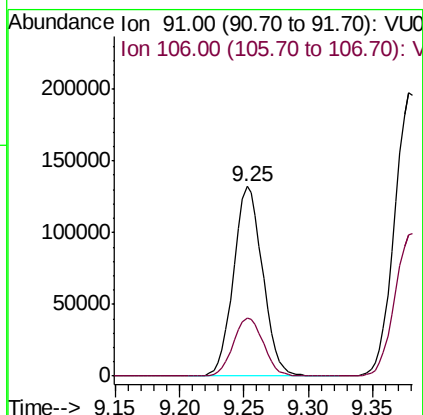
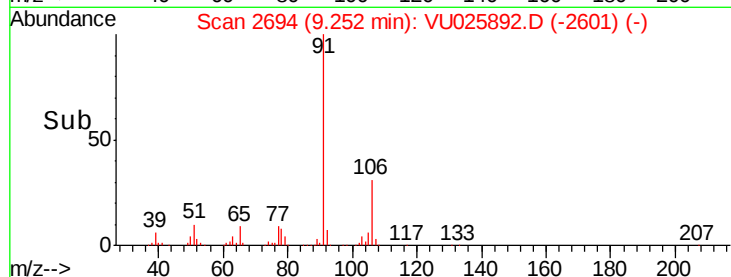
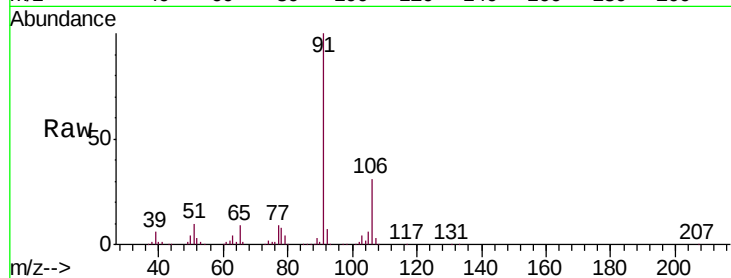




#67
Ethyl Benzene
Concen: 19.715 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

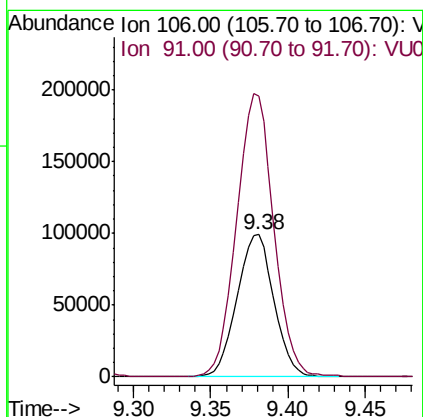
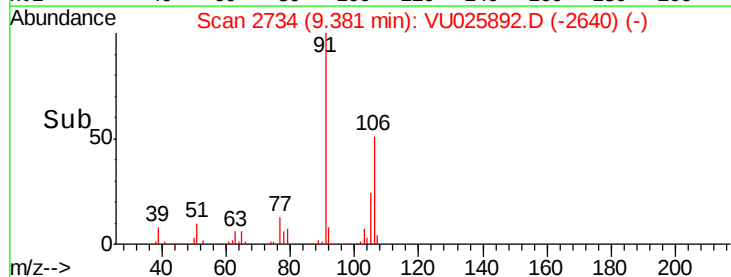
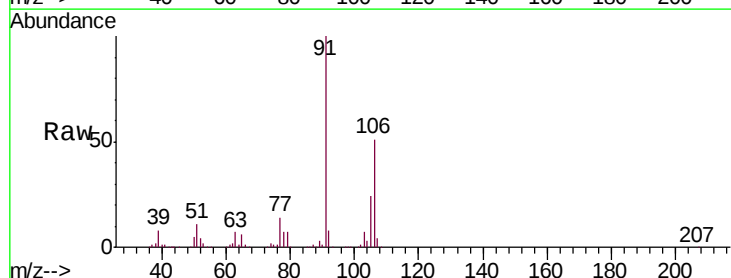
Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

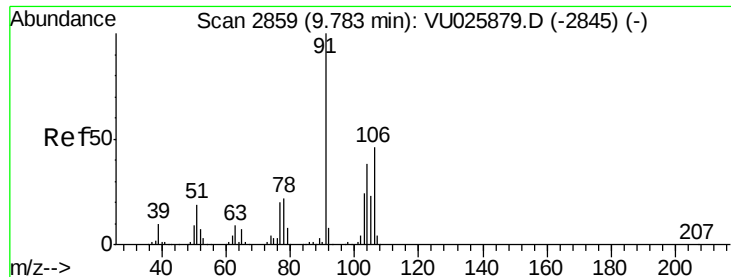
Tgt Ion: 91 Resp: 207816
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 40.638 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Tgt Ion: 106 Resp: 164456
Ion Ratio Lower Upper
106 100
91 199.0 162.3 243.5

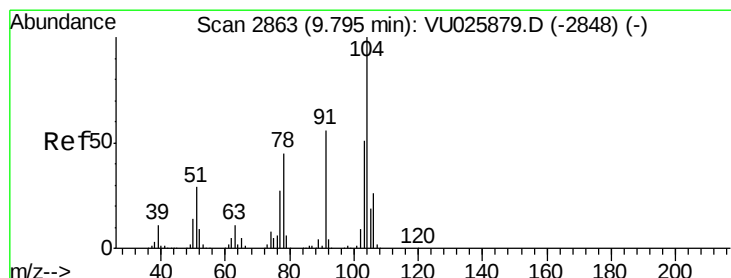
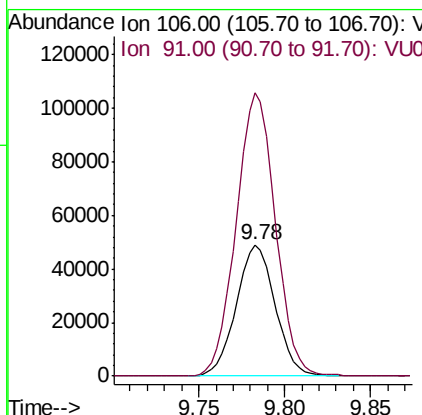
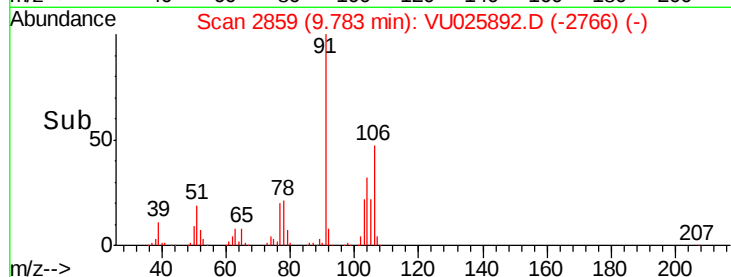
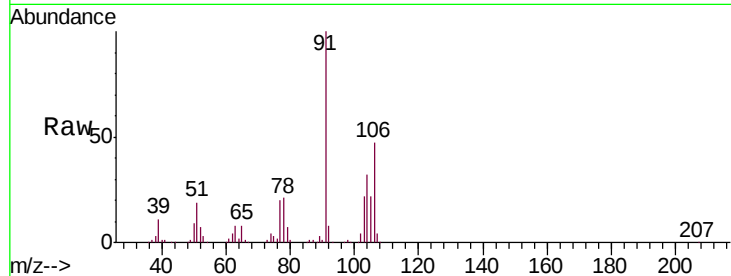




#69
o-Xylene
Concen: 19.460 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

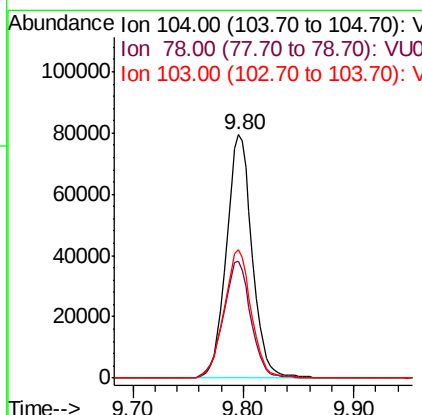
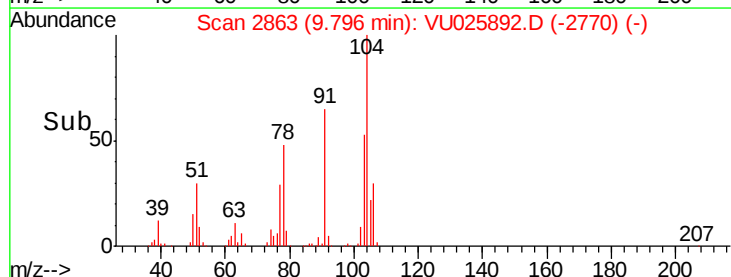
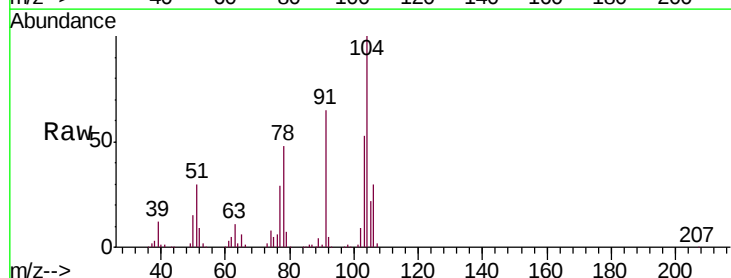
Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

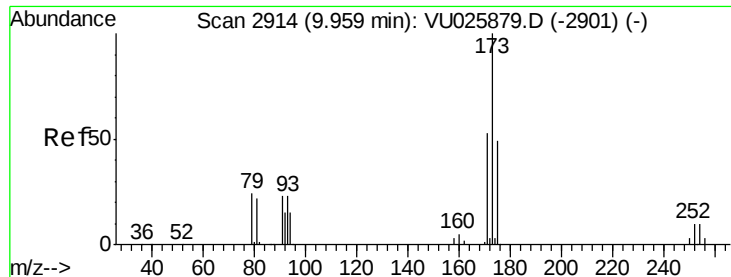
Tgt Ion:106 Resp: 76967
Ion Ratio Lower Upper
106 100
91 216.9 105.3 315.8



#70
Styrene
Concen: 20.218 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Tgt Ion:104 Resp: 129165
Ion Ratio Lower Upper
104 100
78 51.0 41.6 62.4
103 55.3 44.6 66.8





#71

Bromoform

Concen: 19.336 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VU0806MBSD01

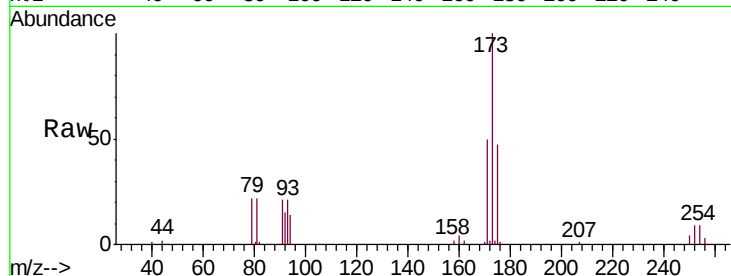
Tgt Ion:173 Resp: 38596

Ion Ratio Lower Upper

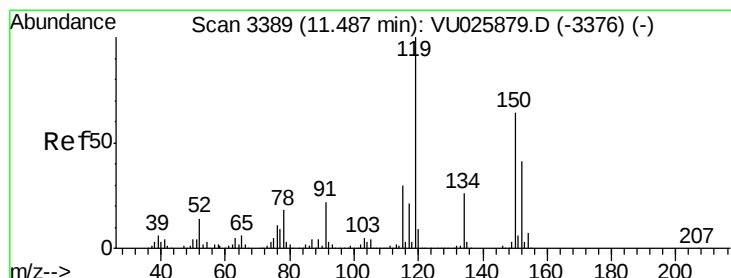
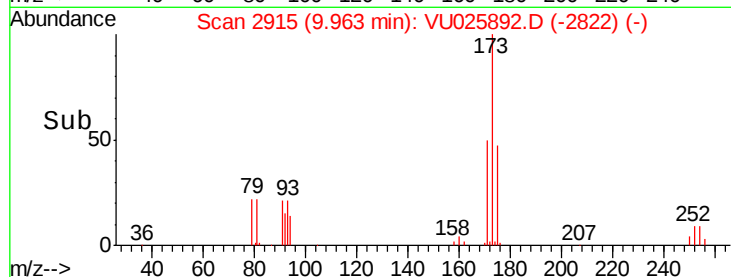
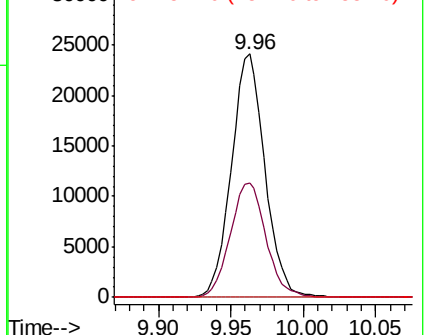
173 100

175 49.8 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: VU025892.D

Acq: 06 Aug 2018 17:41

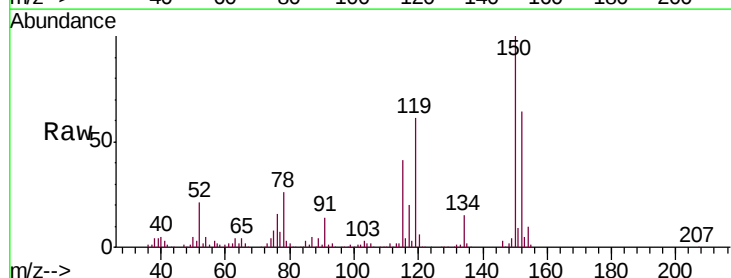
Tgt Ion:152 Resp: 152852

Ion Ratio Lower Upper

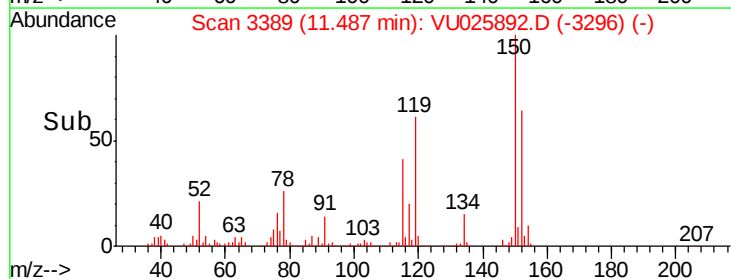
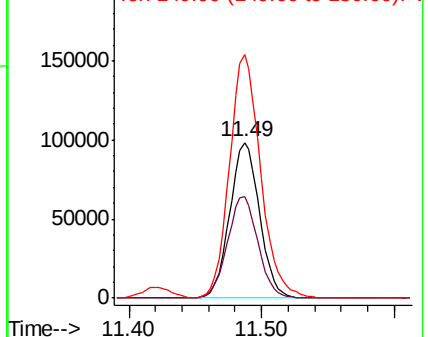
152 100

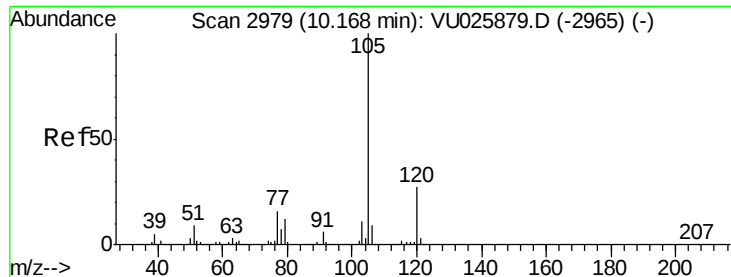
115 67.0 40.1 120.3

150 163.2 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: 20.139 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

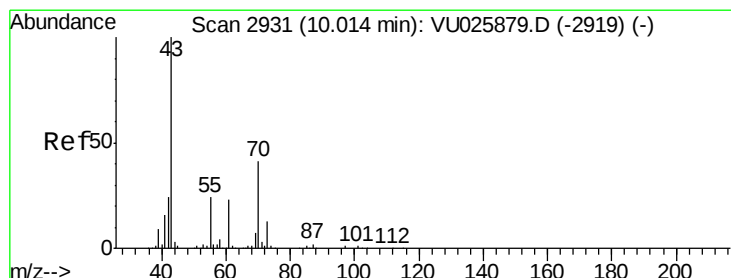
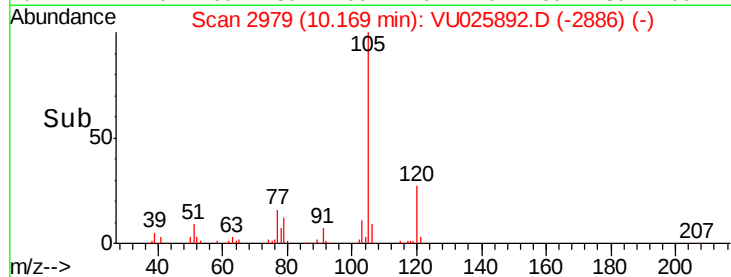
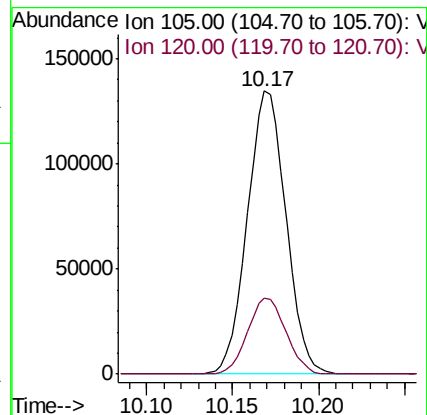
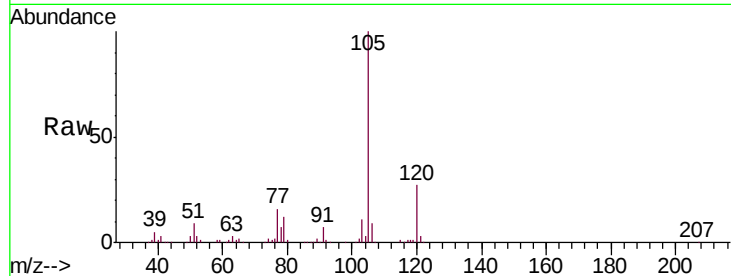
VU0806MBSD01

Tgt Ion: 105 Resp: 210100

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#74

N-ethyl acetate

Concen: 20.232 ug/l

RT: 10.02 min Scan# 2932

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Tgt Ion: 43 Resp: 86169

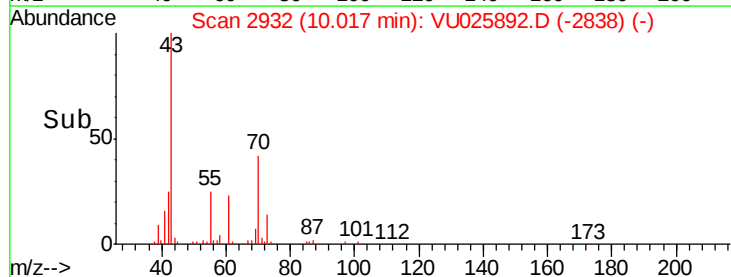
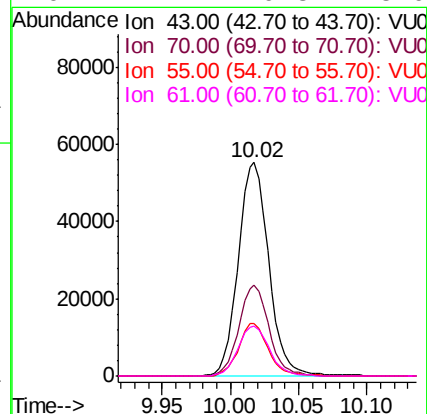
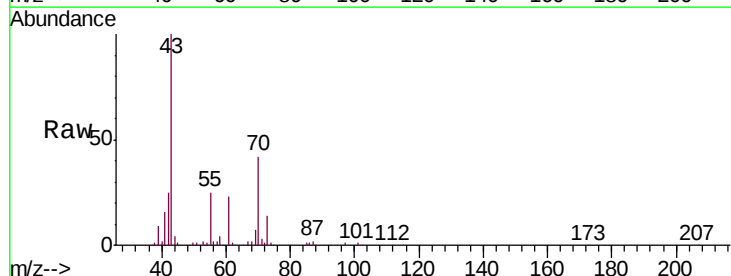
Ion Ratio Lower Upper

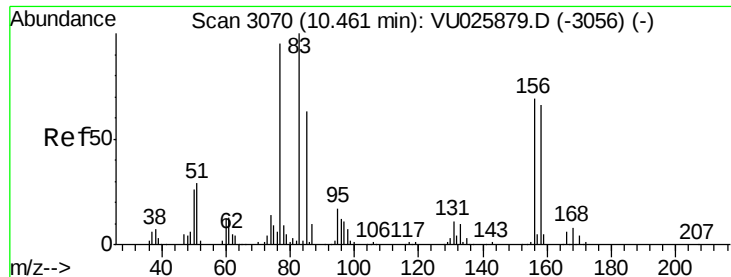
43 100

70 41.8 33.4 50.2

55 24.1 19.0 28.6

61 24.1 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.050 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VU0806MBSD01

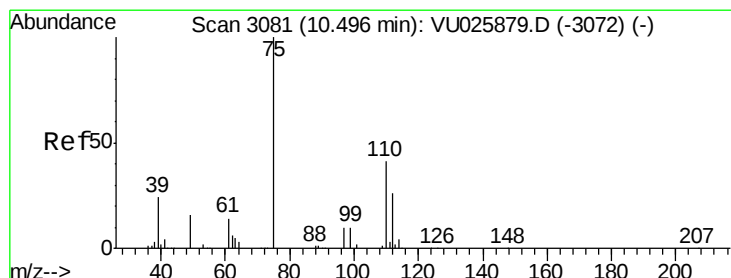
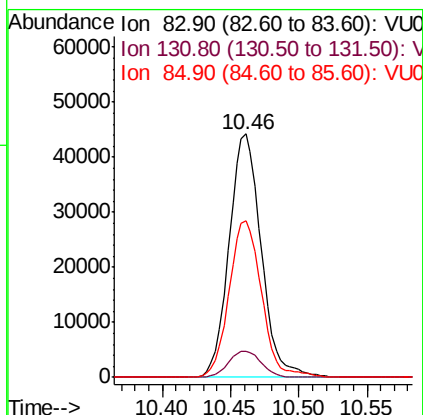
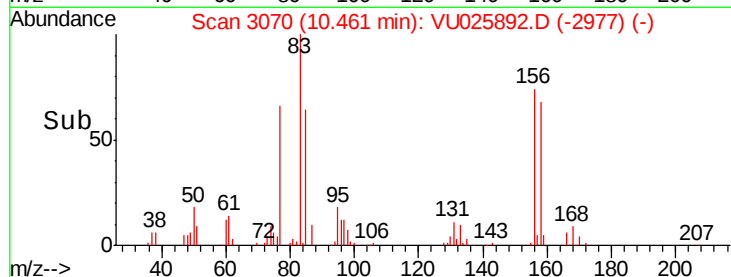
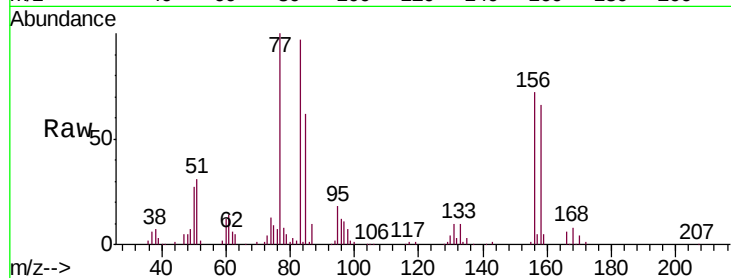
Tgt Ion: 83 Resp: 72335

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

85 65.1 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 24.773 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025892.D

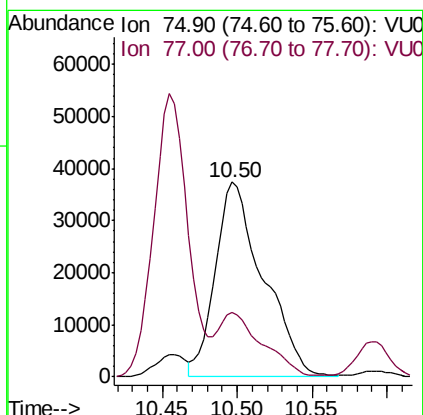
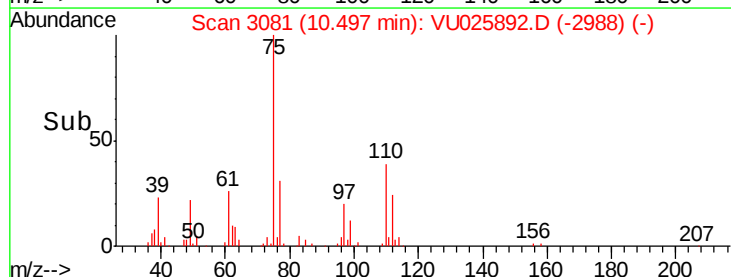
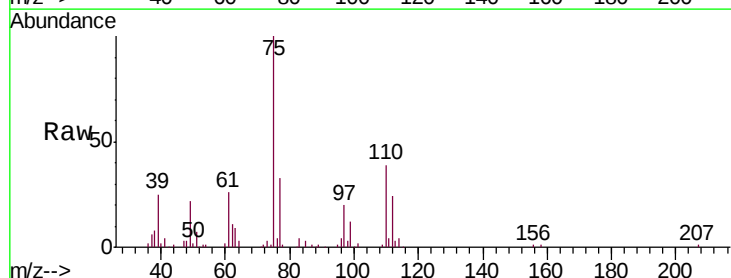
Acq: 06 Aug 2018 17:41

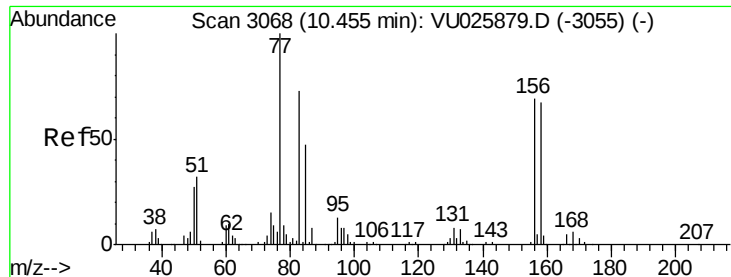
Tgt Ion: 75 Resp: 83431

Ion Ratio Lower Upper

75 100

77 29.9 20.4 61.3





#77

Bromobenzene

Concen: 20.307 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VU0806MBSD01

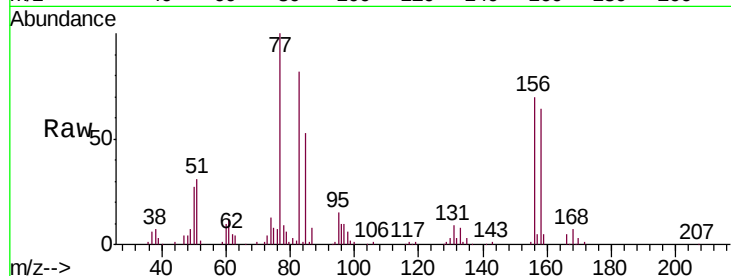
Tgt Ion:156 Resp: 58435

Ion Ratio Lower Upper

156 100

77 149.1 73.8 221.4

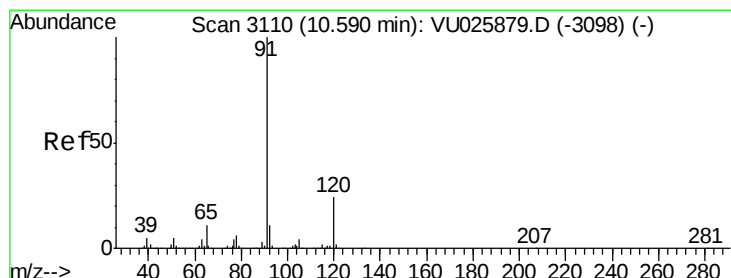
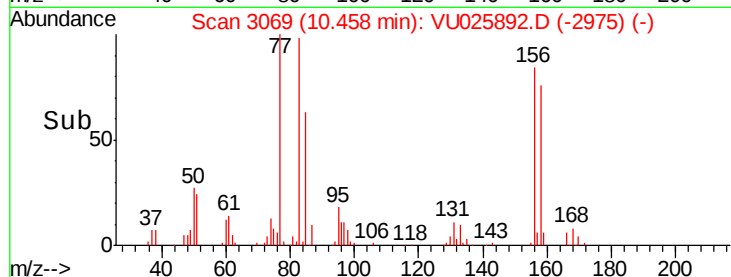
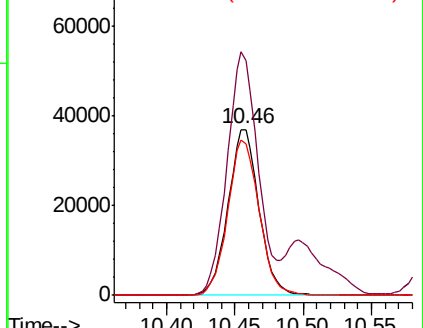
158 95.0 48.0 144.0



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: 20.218 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025892.D

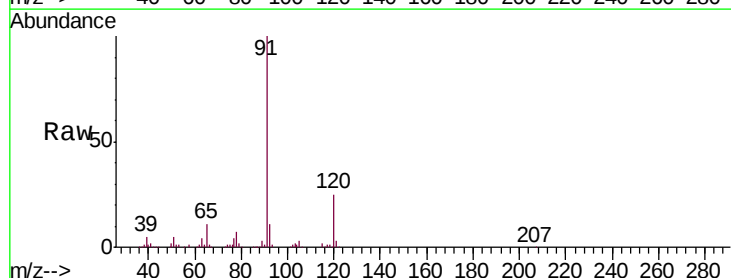
Acq: 06 Aug 2018 17:41

Tgt Ion: 91 Resp: 246179

Ion Ratio Lower Upper

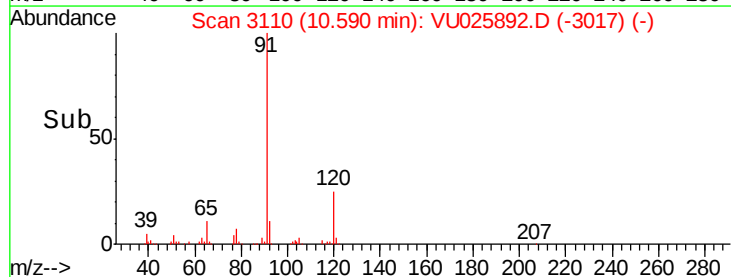
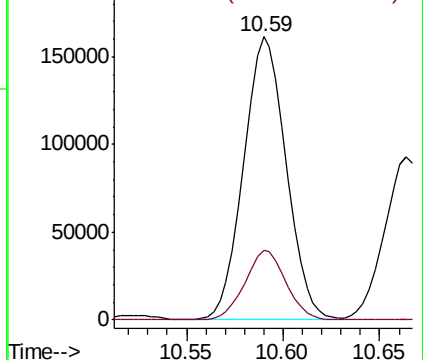
91 100

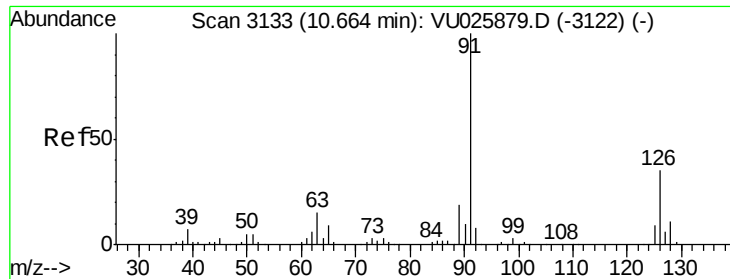
120 23.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.647 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

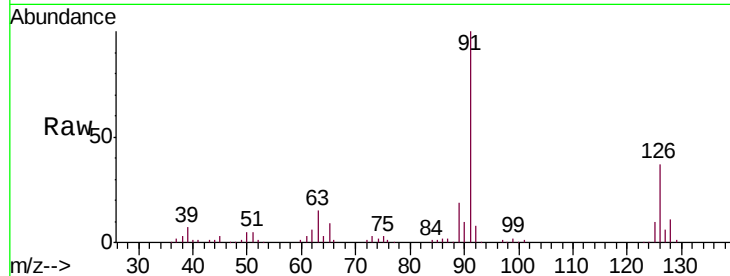
VU0806MBSD01

Tgt Ion: 91 Resp: 147258

Ion Ratio Lower Upper

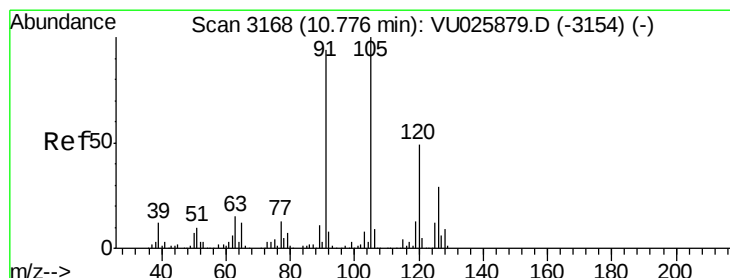
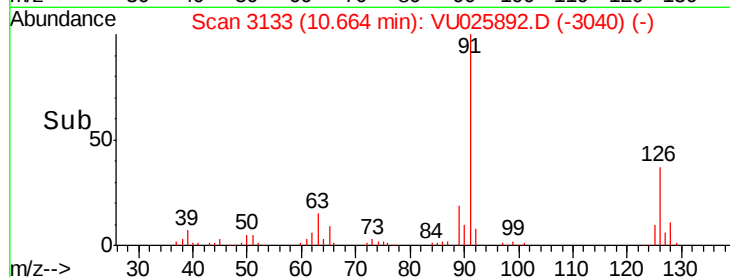
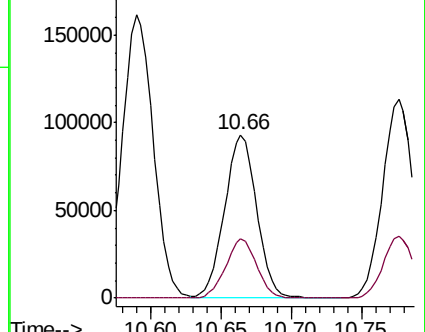
91 100

126 35.0 17.5 52.6



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

Ion 125.90 (125.60 to 126.60): VU025879.D (-3122) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.753 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025892.D

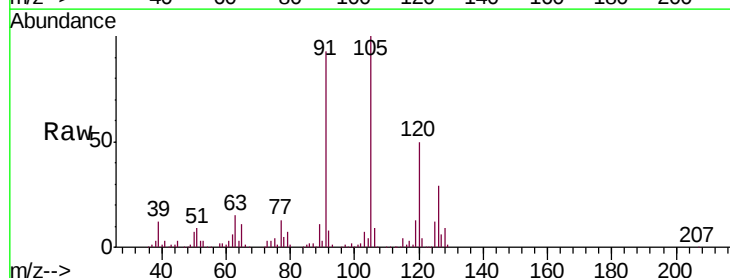
Acq: 06 Aug 2018 17:41

Tgt Ion: 105 Resp: 183875

Ion Ratio Lower Upper

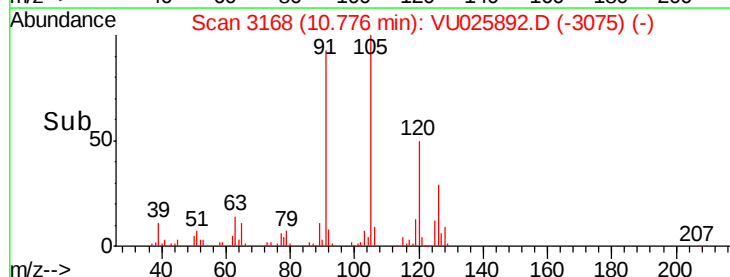
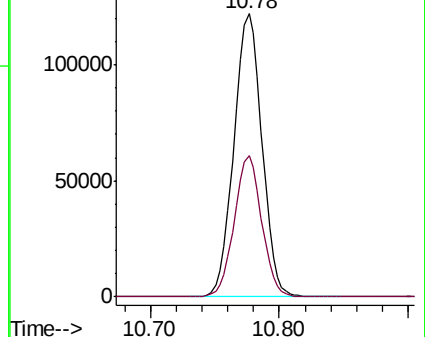
105 100

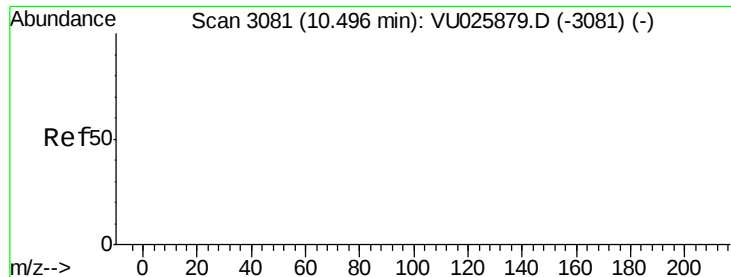
120 48.7 24.1 72.2



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

Ion 120.00 (119.70 to 120.70): VU025879.D (-3154) (-)

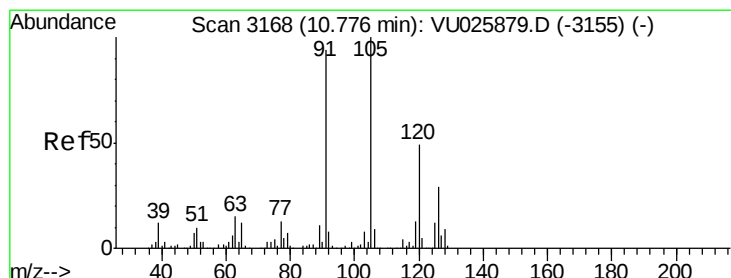
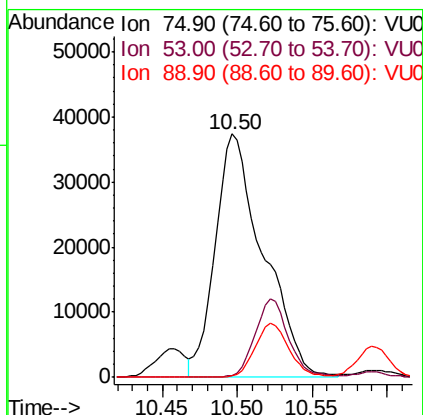
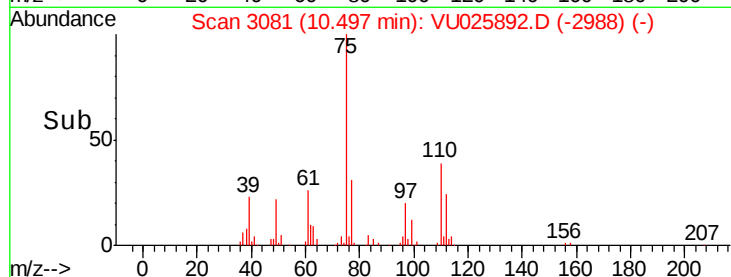
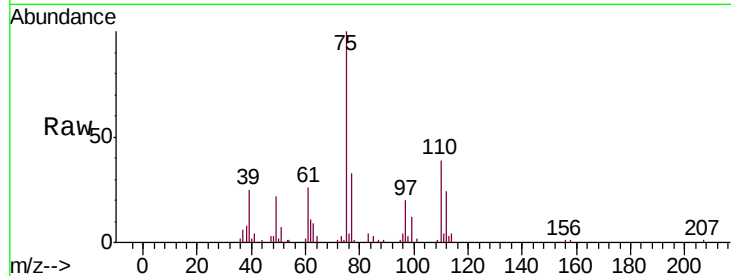




#81
trans-1,4-Dichloro-2-butene
Concen: 62.118 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

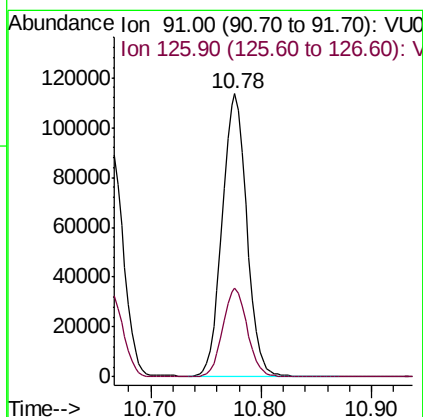
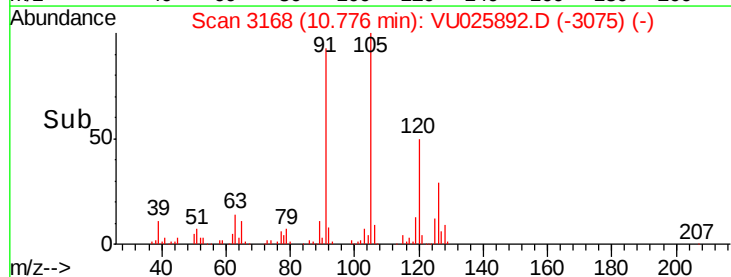
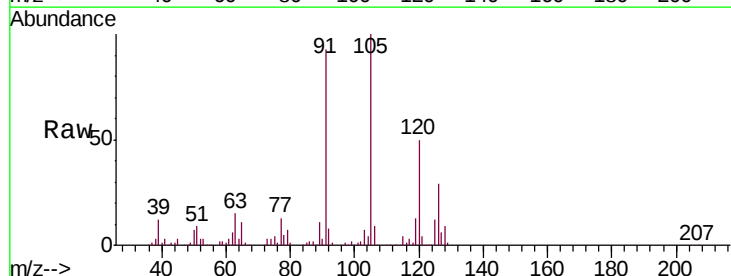
Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

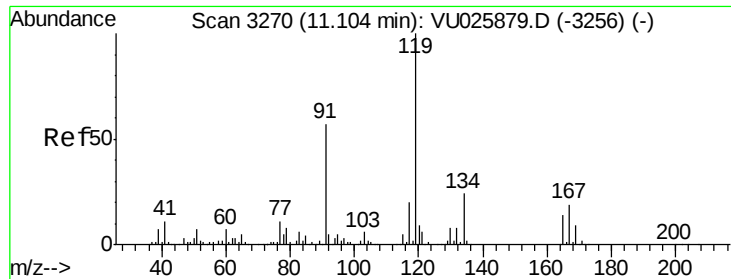
Tgt Ion: 75 Resp: 83431
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.865 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Tgt Ion: 91 Resp: 175414
Ion Ratio Lower Upper
91 100
126 31.4 15.3 45.9

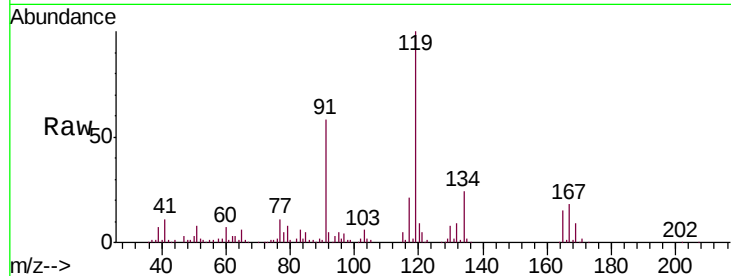




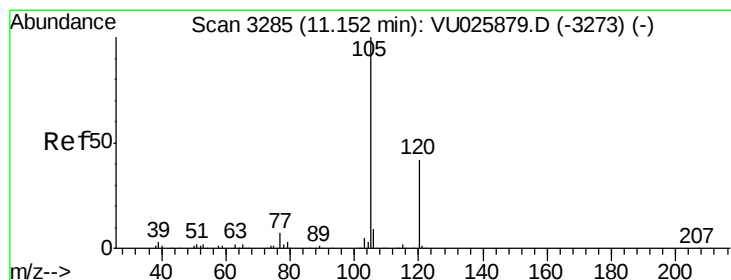
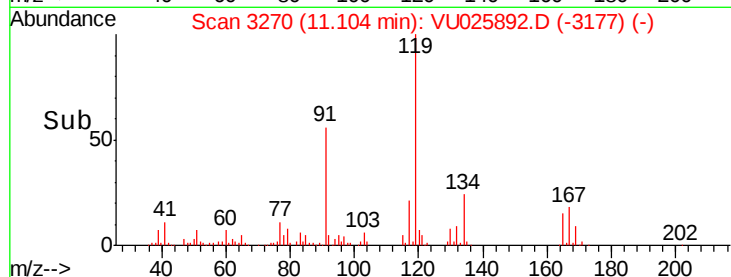
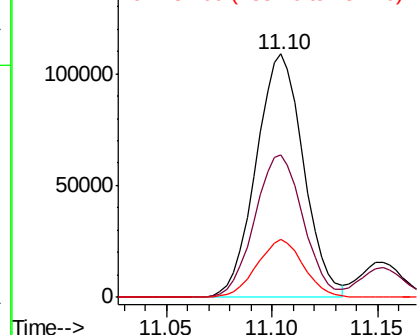
#83
 tert-Butylbenzene
 Concen: 19.345 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806MBSD01

Tgt Ion:119 Resp: 170298
 Ion Ratio Lower Upper
 119 100
 91 60.1 29.7 89.1
 134 23.5 11.5 34.5

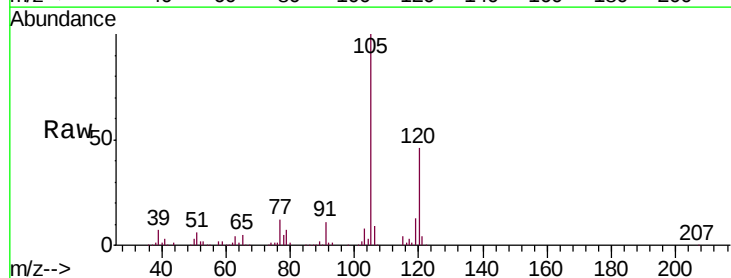


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

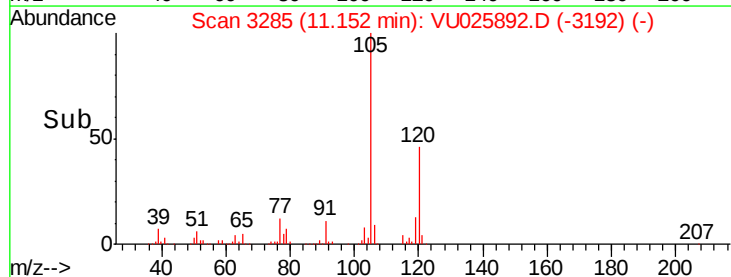
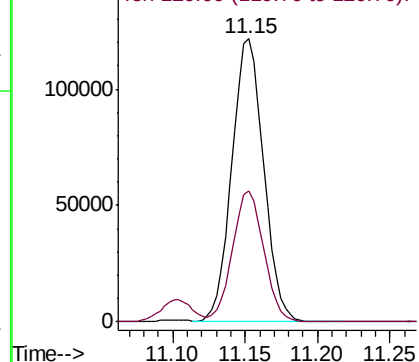


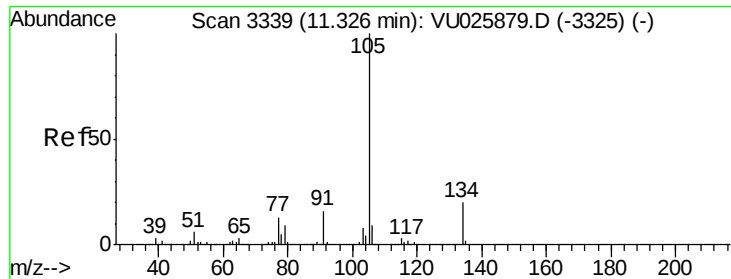
#84
 1,2,4-Trimethylbenzene
 Concen: 20.571 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Tgt Ion:105 Resp: 184698
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8



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

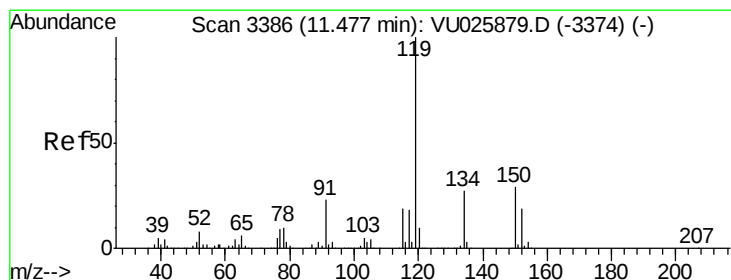
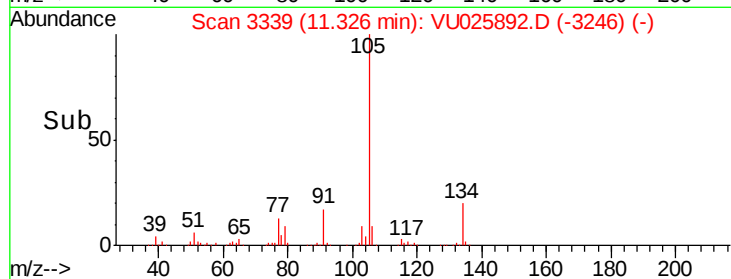
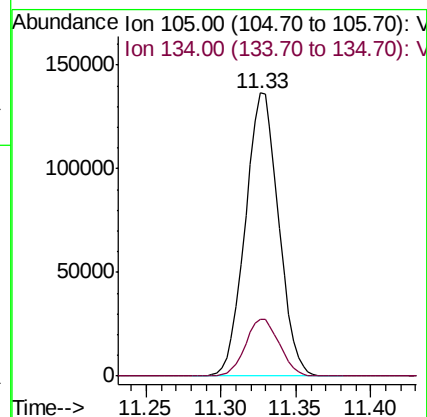
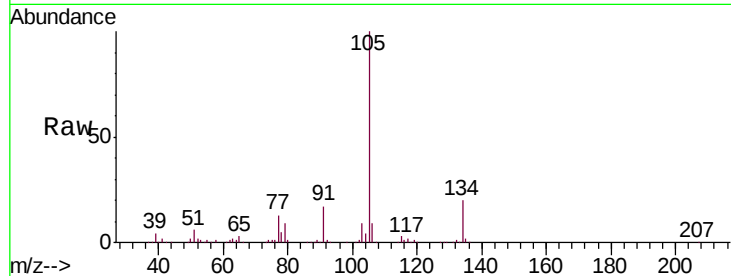




#85
 sec-Butylbenzene
 Concen: 19.717 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

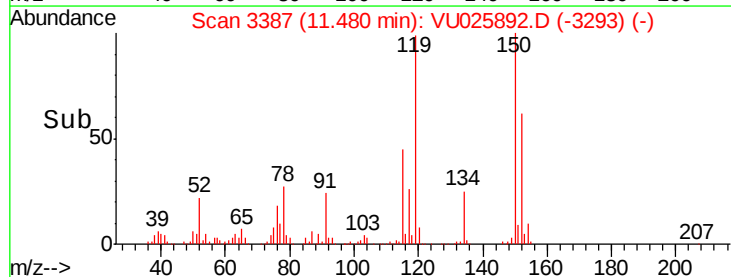
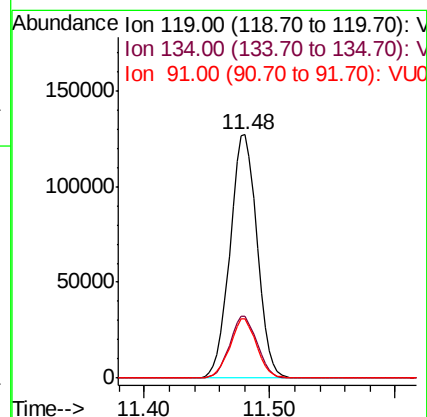
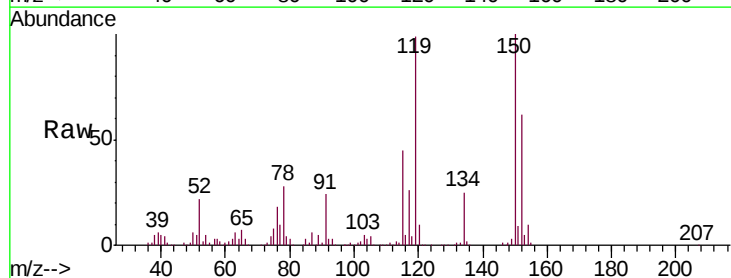
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806MBS01

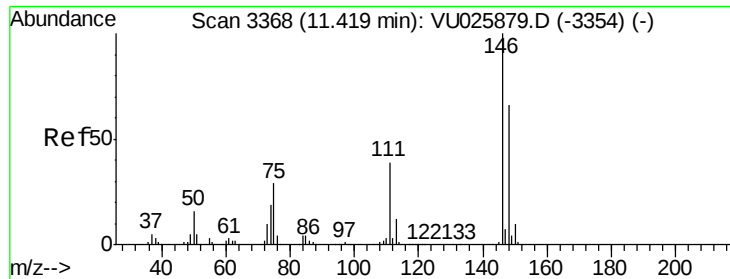
Tgt Ion:105 Resp: 211912
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.724 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Tgt Ion:119 Resp: 189816
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 24.1 12.0 36.1

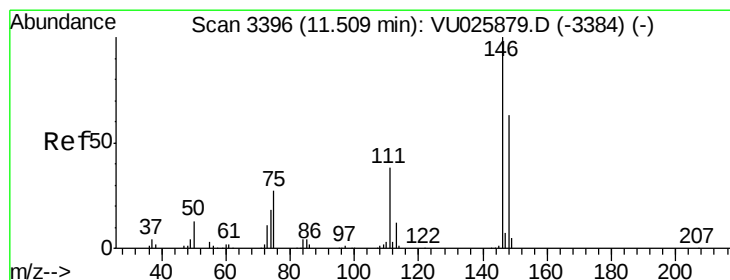
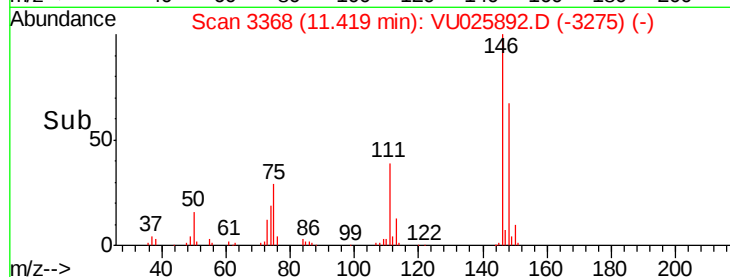
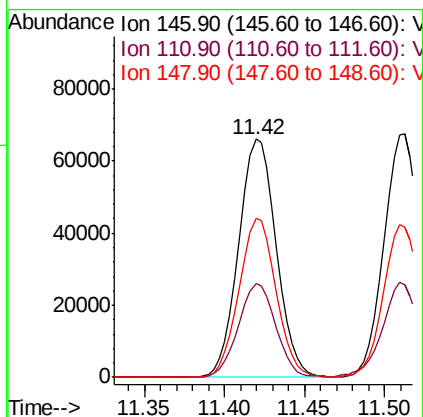
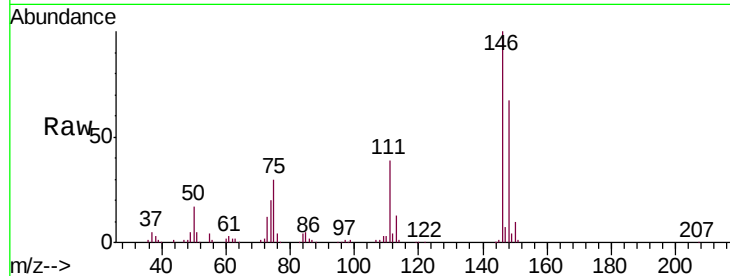




#87
 1,3-Dichlorobenzene
 Concen: 19.819 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

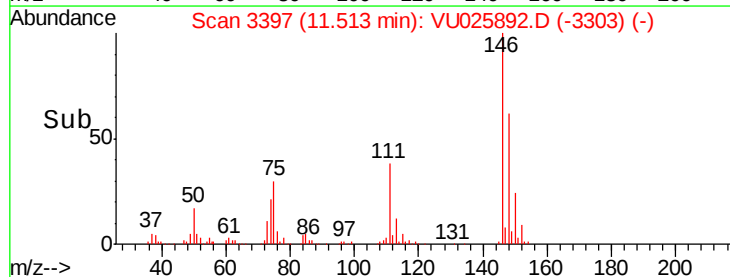
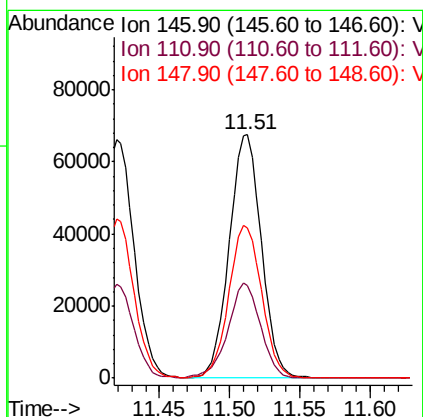
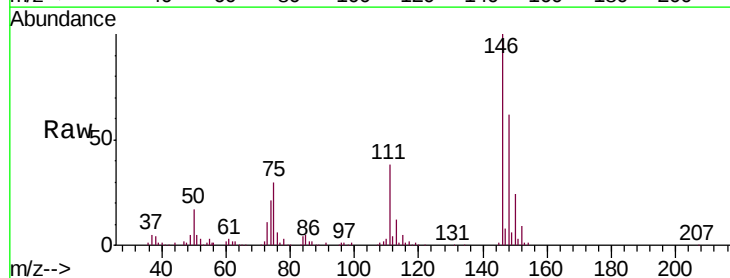
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806MBSD01

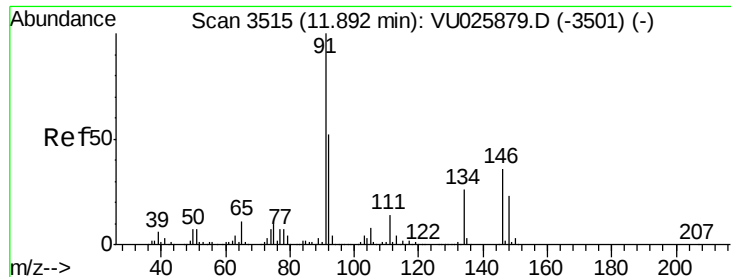
Tgt Ion:146 Resp: 105860
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.7 59.1
 148 65.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.450 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Tgt Ion:146 Resp: 108293
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.4 58.1
 148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 18.238 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025892.D

Acq: 06 Aug 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VU0806MBSD01

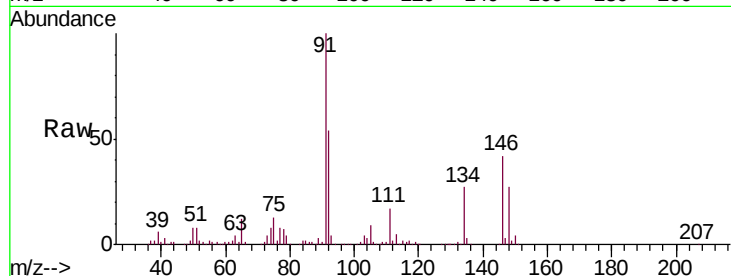
Tgt Ion: 91 Resp: 161968

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 26.8 13.6 40.7

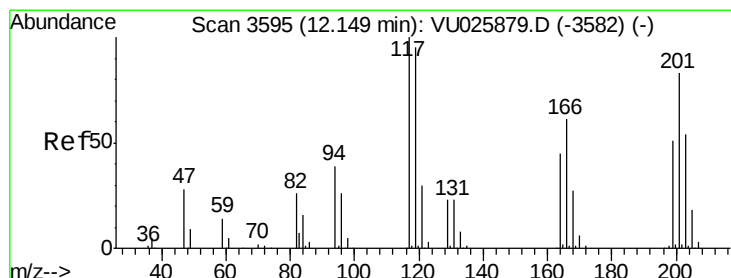
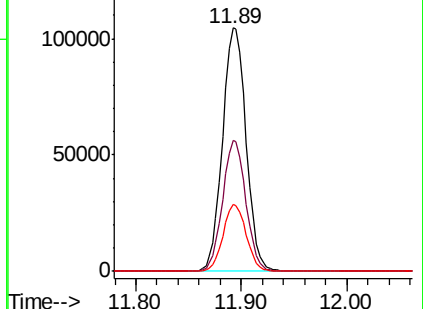
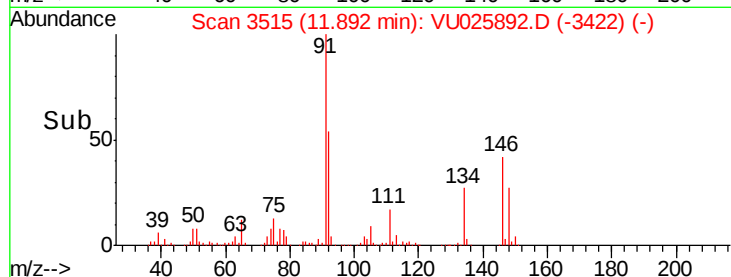


Abundance Ion 91.00 (90.70 to 91.70): VU025892.D (-3501) (-)

Ion 92.00 (91.70 to 92.70): VU025892.D (-3501) (-)

Ion 134.00 (133.70 to 134.70): VU025892.D (-3501) (-)

Time-->



#90

Hexachloroethane

Concen: 18.835 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025892.D

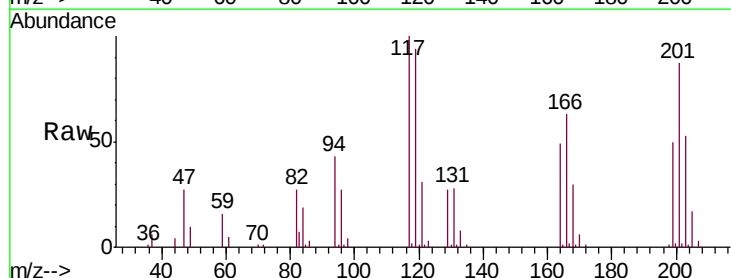
Acq: 06 Aug 2018 17:41

Tgt Ion: 117 Resp: 32228

Ion Ratio Lower Upper

117 100

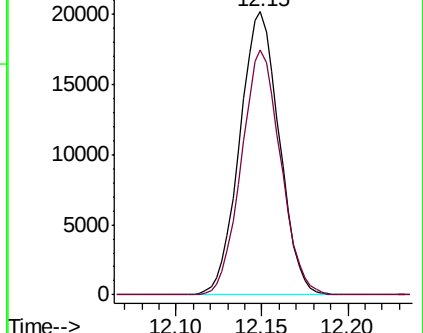
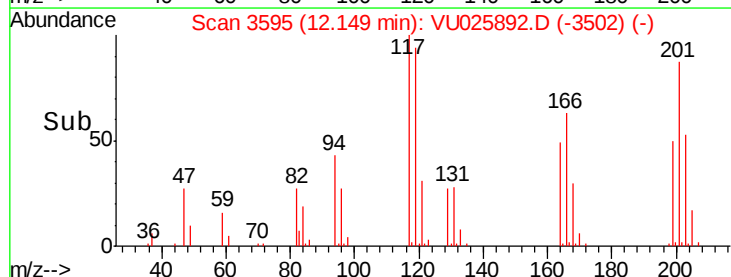
201 85.8 42.5 127.6

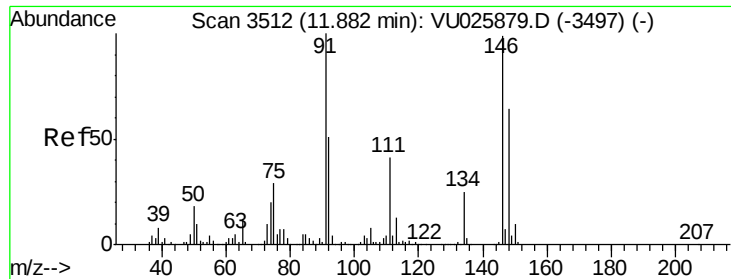


Abundance Ion 116.80 (116.50 to 117.50): VU025892.D (-3582) (-)

Ion 200.70 (200.40 to 201.40): VU025892.D (-3582) (-)

Time-->

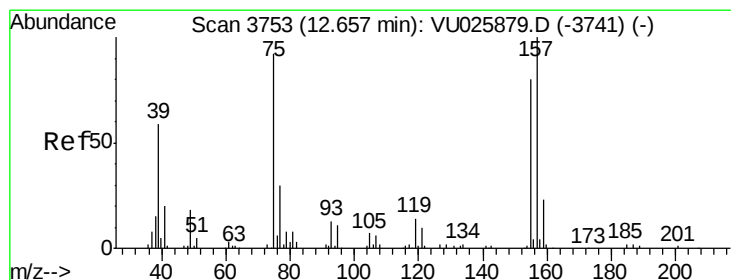
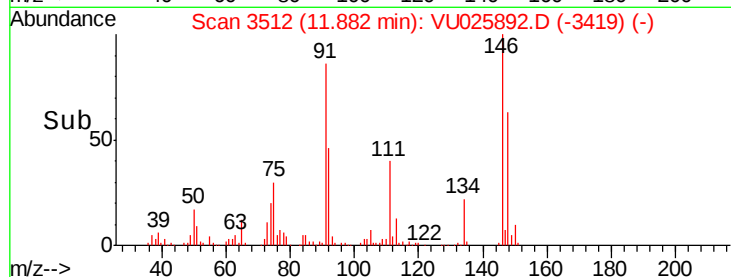
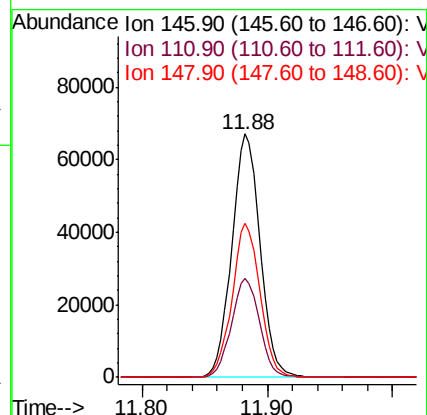
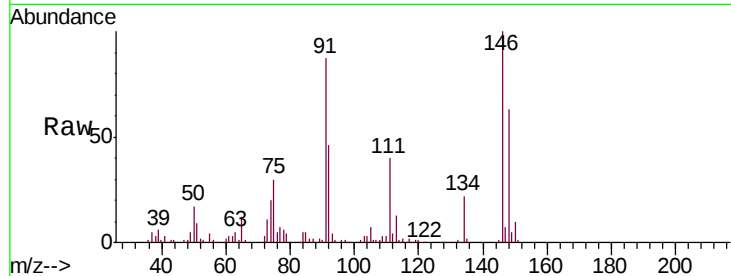




#91
 1,2-Dichlorobenzene
 Concen: 20.026 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

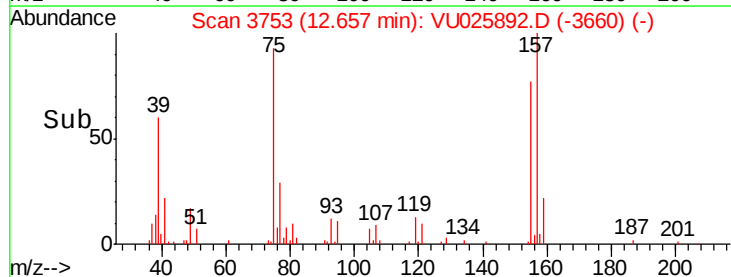
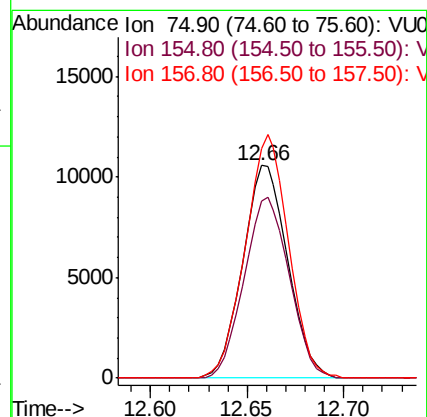
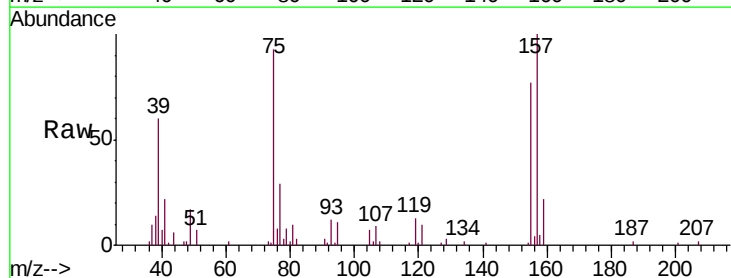
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806MBSD01

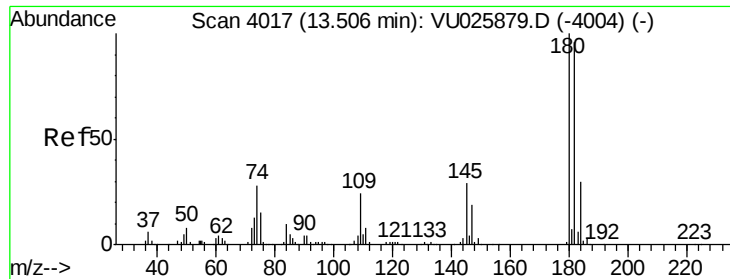
Tgt Ion: 146 Resp: 104844
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.6 61.8
 148 62.3 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.046 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Tgt Ion: 75 Resp: 17145
 Ion Ratio Lower Upper
 75 100
 155 85.0 44.5 133.3
 157 110.0 57.0 170.8

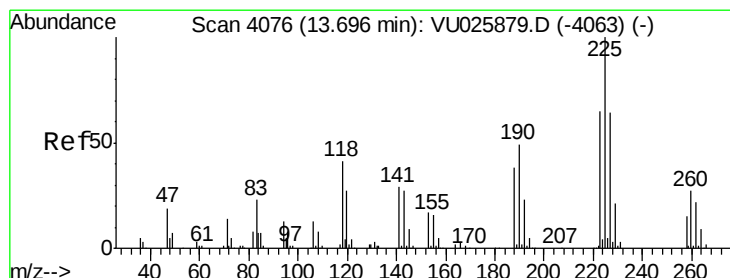
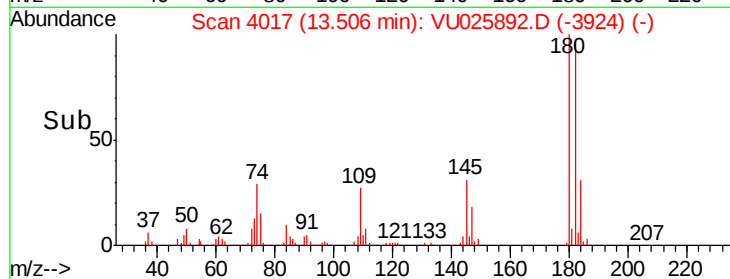
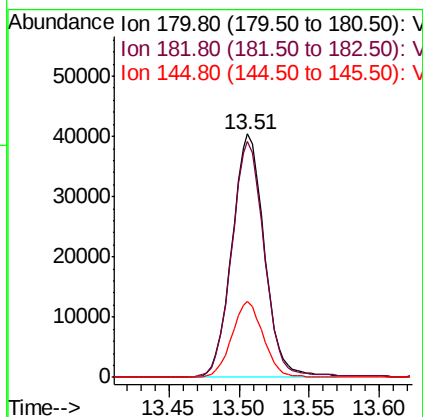
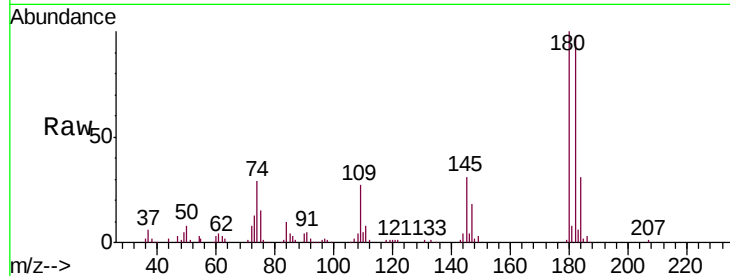




#93
 1,2,4-Trichlorobenzene
 Concen: 18.518 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

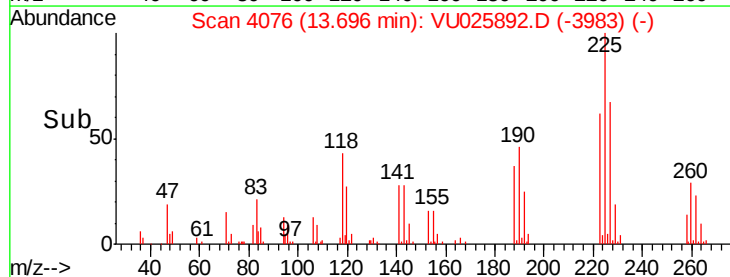
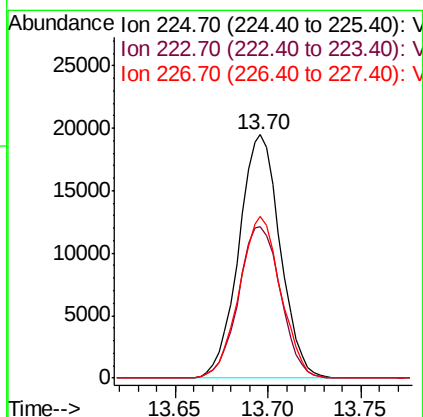
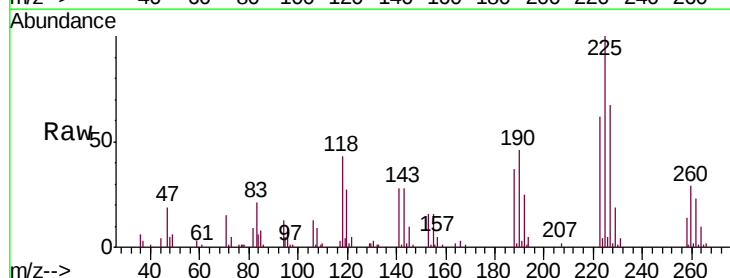
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806MBSD01

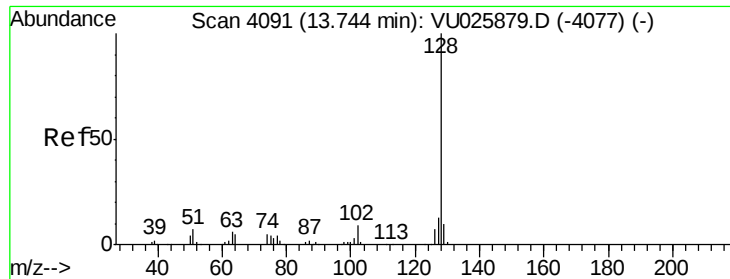
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.3	141.9
145	30.0	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 16.177 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025892.D
 Acq: 06 Aug 2018 17:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.7
227	66.3	32.3	96.9

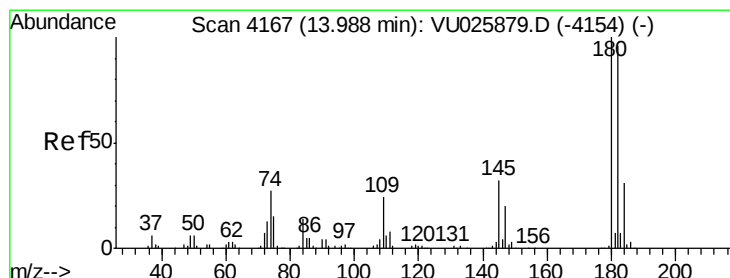
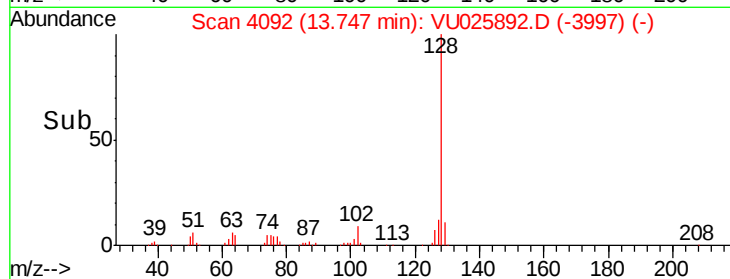
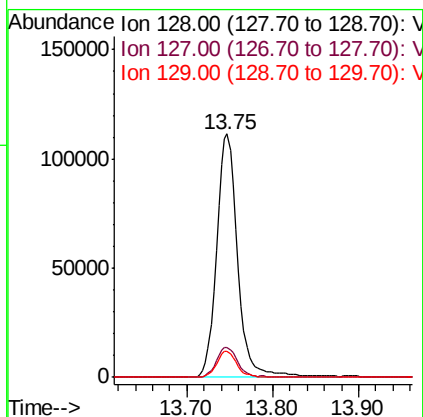
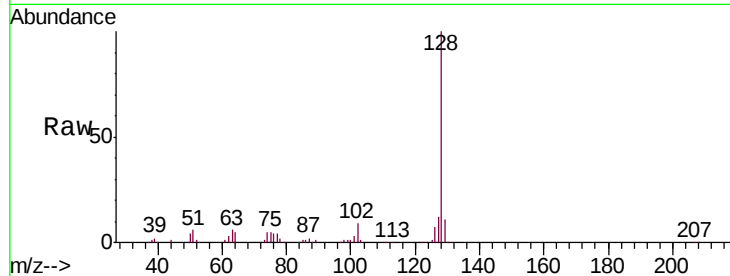




#95
Naphthalene
Concen: 17.531 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Instrument :
MSVOA_U
ClientSampleId :
VU0806MBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.1	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.191 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025892.D
Acq: 06 Aug 2018 17:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.8	143.3
145	30.3	15.6	46.8

