

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
 Data File : VU026970.D
 Acq On : 21 Sep 2018 16:01
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 22 00:47:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 00:44:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	89701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	150489	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	87560	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	177843	122.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	245.18%	
35) Dibromofluoromethane	4.88	113	129729	103.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.66%	
50) Toluene-d8	7.57	98	508920	109.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.36%	
62) 4-Bromofluorobenzene	10.31	95	189060	113.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	226.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	114750	114.726	ug/l	100
3) Chloromethane	1.33	50	189537	130.449	ug/l	100
4) Vinyl Chloride	1.40	62	183905	124.841	ug/l	99
5) Bromomethane	1.61	94	111315	123.176	ug/l	98
6) Chloroethane	1.68	64	116701	123.987	ug/l	99
7) Trichlorofluoromethane	1.88	101	208313	111.029	ug/l	99
8) Diethyl Ether	2.10	74	102791	122.164	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	125889	112.492	ug/l	99
10) Methyl Iodide	2.41	142	169706	173.738	ug/l	99
11) Tert butyl alcohol	2.84	59	208815	597.735	ug/l	99
12) 1,1-Dichloroethene	2.28	96	122230	115.213	ug/l	99
13) Acrolein	2.20	56	119700	526.650	ug/l	100
14) Allyl chloride	2.59	41	296736	150.072	ug/l	90
15) Acrylonitrile	2.94	53	533690	697.872	ug/l	99
16) Acetone	2.32	43	485440	595.240	ug/l	99
17) Carbon Disulfide	2.48	76	395523	116.400	ug/l	99
18) Methyl Acetate	2.62	43	256990	141.969	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	474584	127.488	ug/l	99
20) Methylene Chloride	2.70	84	151417	116.674	ug/l	100
21) trans-1,2-Dichloroethene	2.98	96	135323	120.158	ug/l	96
22) Diisopropyl ether	3.58	45	572923	138.366	ug/l	97
23) Vinyl Acetate	3.53	43	2497645	710.564	ug/l	100
24) 1,1-Dichloroethane	3.45	63	296557	128.607	ug/l	100
25) 2-Butanone	4.26	43	767473	689.649	ug/l	100
26) 2,2-Dichloropropane	4.23	77	228865	122.197	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	154796	120.038	ug/l	100
28) Bromochloromethane	4.55	49	152258	137.062	ug/l	99
29) Tetrahydrofuran	4.64	42	488147	720.564	ug/l	100
30) Chloroform	4.68	83	267295	119.214	ug/l	100
31) Cyclohexane	5.00	56	271839	114.317	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	220938	119.995	ug/l	99
36) 1,1-Dichloropropene	5.14	75	206360	118.752	ug/l	100
37) Ethyl Acetate	4.38	43	285728	133.137	ug/l	99
38) Carbon Tetrachloride	5.14	117	190319	105.282	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	249443	121.872	ug/l	97
40) Benzene	5.39	78	619322	115.227	ug/l	100
41) Methacrylonitrile	4.54	41	156265	139.723	ug/l	98
42) 1,2-Dichloroethane	5.40	62	231344	118.736	ug/l	100
43) Isopropyl Acetate	5.55	43	428356	132.117	ug/l	99
44) Trichloroethene	6.19	130	135942	104.616	ug/l	99
45) 1,2-Dichloropropane	6.43	63	177977	120.692	ug/l	96
46) Dibromomethane	6.56	93	106295	113.584	ug/l	99
47) Bromodichloromethane	6.76	83	214310	115.628	ug/l	99
48) Methyl methacrylate	6.62	41	222353	138.403	ug/l	99
49) 1,4-Dioxane	6.61	88	87244	2416.681	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	1469832	672.066	ug/l	99
52) Toluene	7.64	92	374940	116.753	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	255366	123.562	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	273512	122.752	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	151931	111.226	ug/l	98
56) Ethyl methacrylate	8.02	69	265128	131.726	ug/l	99
57) 1,3-Dichloropropane	8.24	76	288364	121.669	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	752213	729.164	ug/l	100
59) 2-Hexanone	8.37	43	1143158	667.864	ug/l	99
60) Dibromochloromethane	8.48	129	153247	105.792	ug/l	99
61) 1,2-Dibromoethane	8.59	107	159942	108.361	ug/l	100
64) Tetrachloroethene	8.23	164	113023	96.438	ug/l	97
65) Chlorobenzene	9.12	112	393431	106.082	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	139708	102.817	ug/l	99
67) Ethyl Benzene	9.25	91	720829	116.824	ug/l	100
68) m/p-Xylenes	9.38	106	541627	232.139	ug/l	100
69) o-Xylene	9.78	106	263394	116.392	ug/l	100
70) Styrene	9.79	104	442514	119.300	ug/l	100
71) Bromoform	9.96	173	113994	98.556	ug/l #	98
73) Isopropylbenzene	10.17	105	709445	116.063	ug/l	100
74) N-amyl acetate	10.02	43	413444	138.698	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	277846	110.276	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	340077	165.888	ug/l	81
77) Bromobenzene	10.45	156	160985	98.891	ug/l	97
78) n-propylbenzene	10.59	91	872680	122.040	ug/l	100
79) 2-Chlorotoluene	10.66	91	505371	114.218	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	601070	117.207	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	340077	484.808	ug/l #	100
82) 4-Chlorotoluene	10.77	91	591209	118.973	ug/l	100
83) tert-Butylbenzene	11.10	119	577312	111.953	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	619271	119.487	ug/l	100
85) sec-Butylbenzene	11.32	105	739542	119.846	ug/l	100
86) p-Isopropyltoluene	11.48	119	636220	118.928	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	307076	101.051	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	310666	98.243	ug/l	99
89) n-Butylbenzene	11.89	91	623754	131.896	ug/l	100
90) Hexachloroethane	12.15	117	118093	109.335	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	306534	100.372	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	63823	126.370	ug/l	98

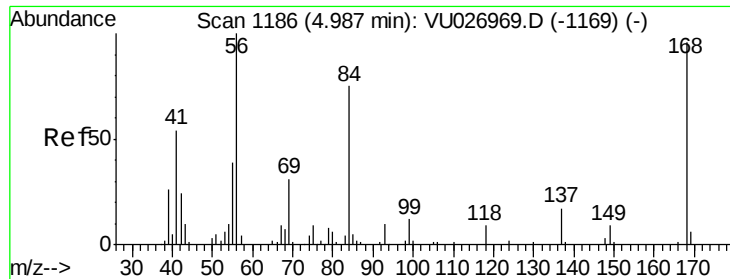
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
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QLast Update : Sat Sep 22 00:44:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	213085	106.721	ug/l	100
94) Hexachlorobutadiene	13.69	225	102562	99.900	ug/l	99
95) Naphthalene	13.74	128	754604	122.161	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	217183	103.632	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

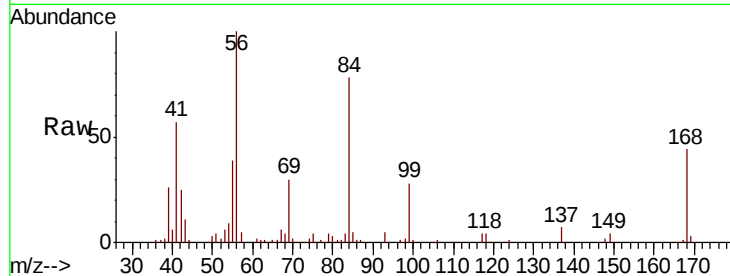
VSTDIC100

Tgt Ion:168 Resp: 89701

Ion Ratio Lower Upper

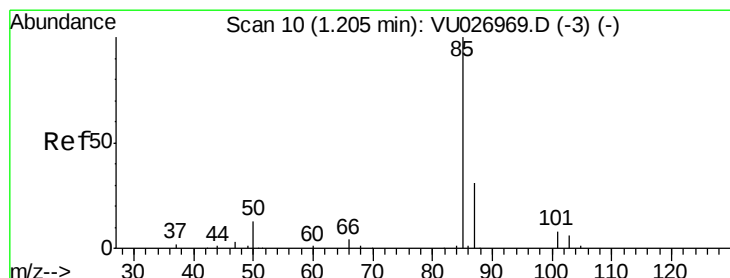
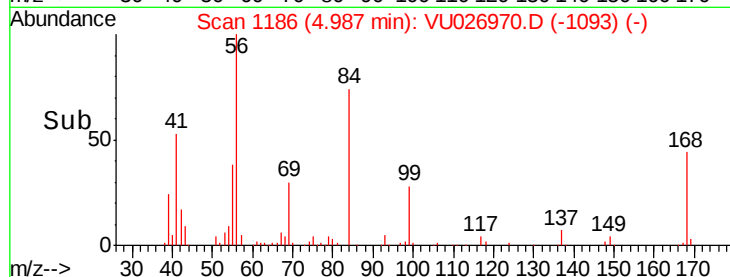
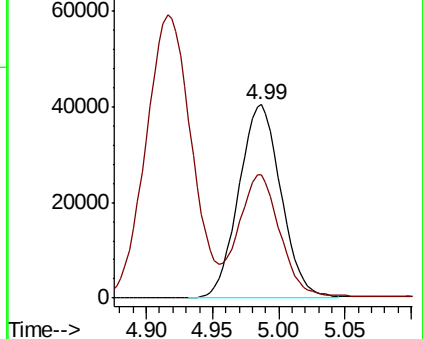
168 100

99 62.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 114.726 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU026970.D

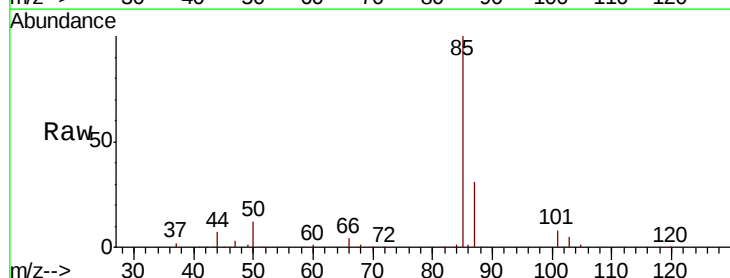
Acq: 21 Sep 2018 16:01

Tgt Ion: 85 Resp: 114750

Ion Ratio Lower Upper

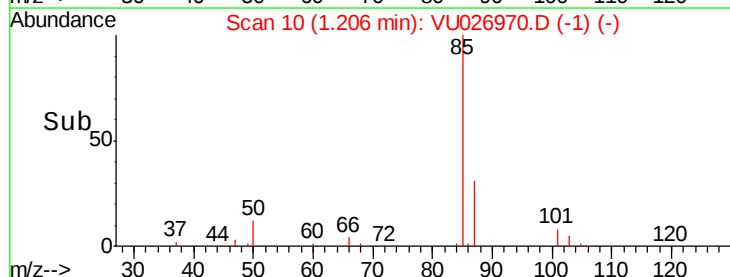
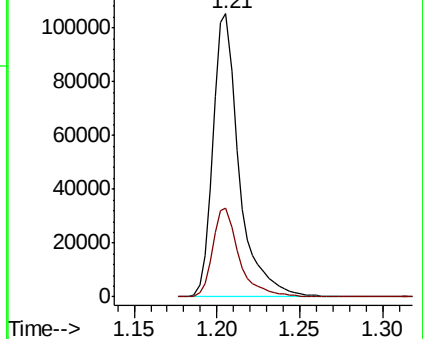
85 100

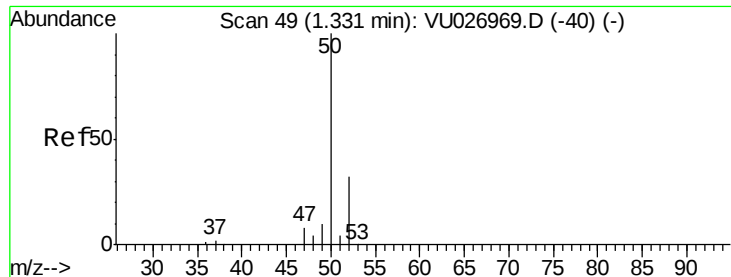
87 31.2 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)





#3

Chloromethane

Concen: 130.449 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

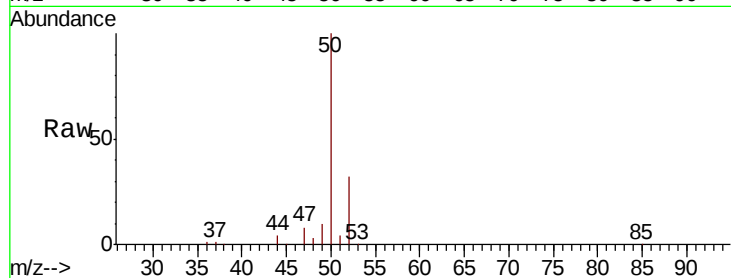
VSTDIC100

Tgt Ion: 50 Resp: 189537

Ion Ratio Lower Upper

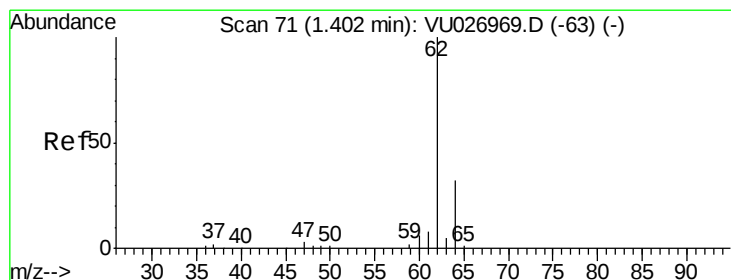
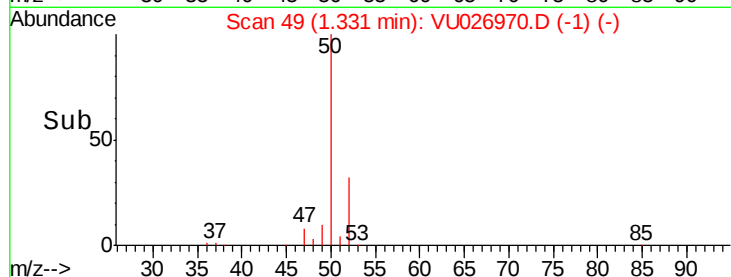
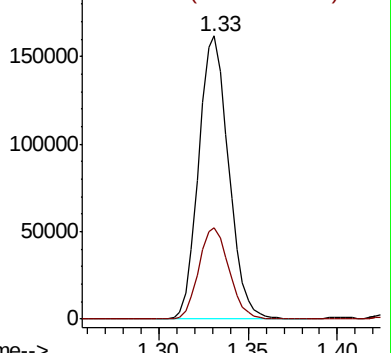
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 124.841 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU026970.D

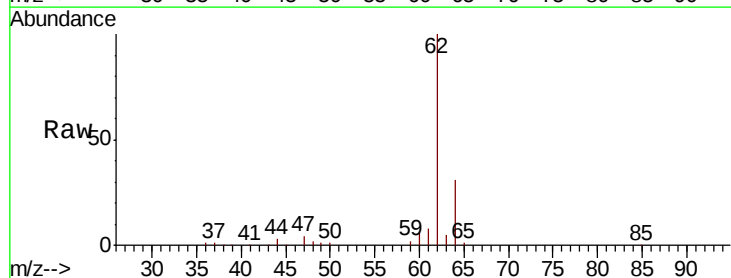
Acq: 21 Sep 2018 16:01

Tgt Ion: 62 Resp: 183905

Ion Ratio Lower Upper

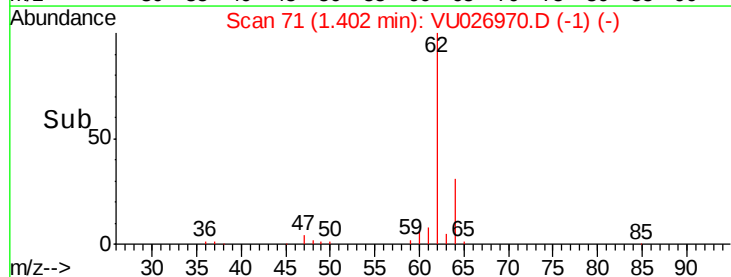
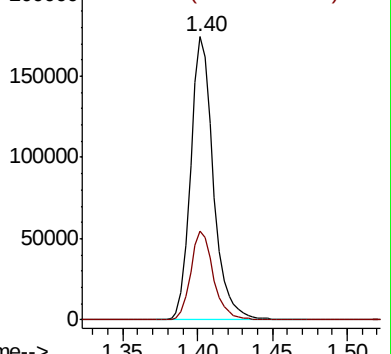
62 100

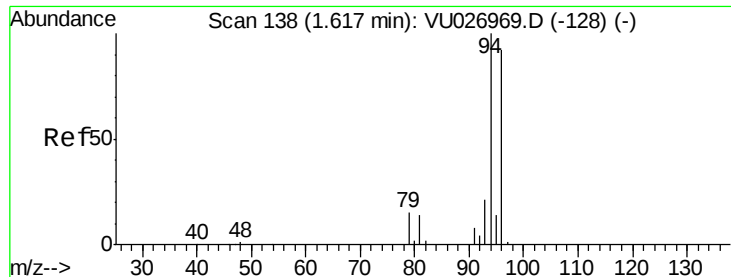
64 31.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 123.176 ug/l

RT: 1.61 min Scan# 135

Delta R.T. -0.01 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

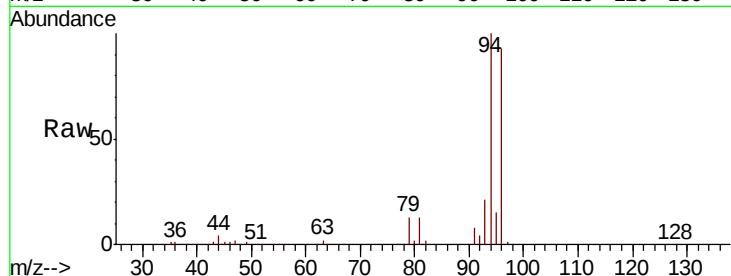
VSTDIC100

Tgt Ion: 94 Resp: 111315

Ion Ratio Lower Upper

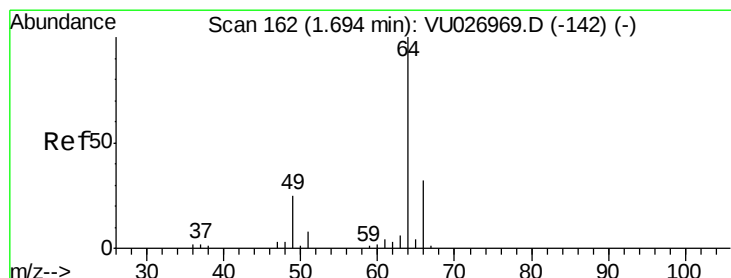
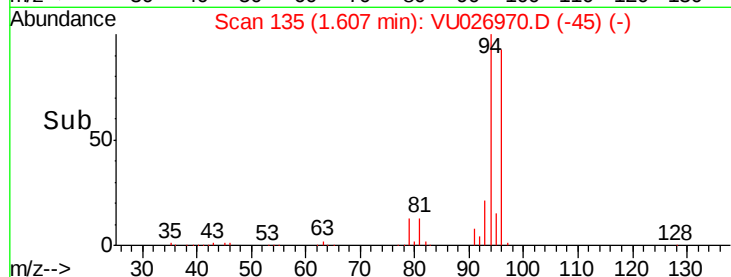
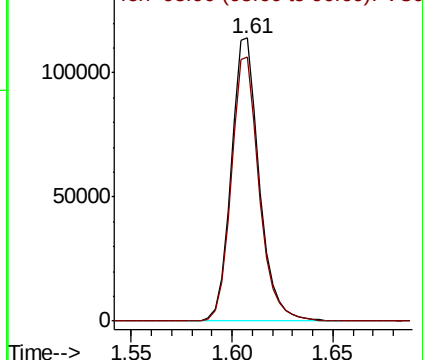
94 100

96 93.4 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 123.987 ug/l

RT: 1.68 min Scan# 159

Delta R.T. -0.01 min

Lab File: VU026970.D

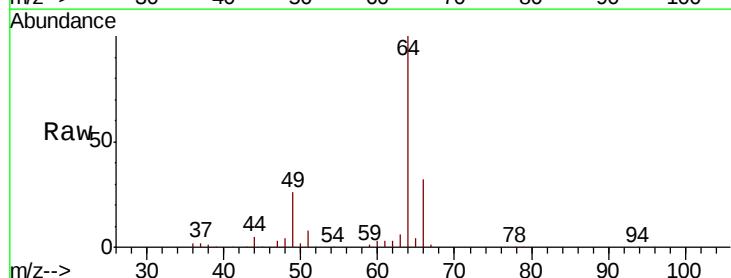
Acq: 21 Sep 2018 16:01

Tgt Ion: 64 Resp: 116701

Ion Ratio Lower Upper

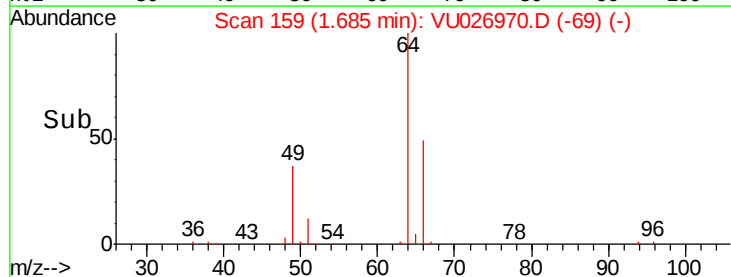
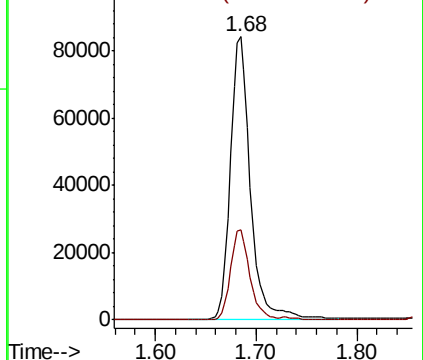
64 100

66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



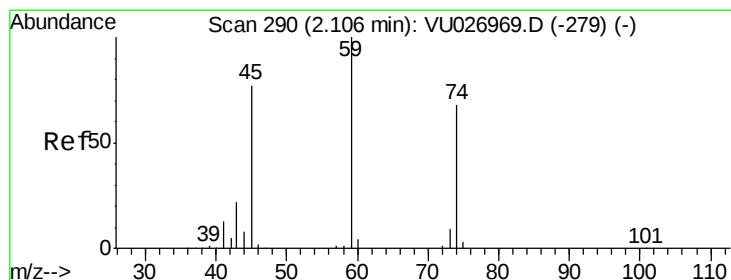
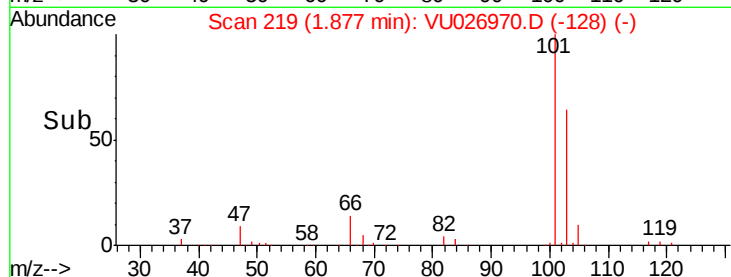
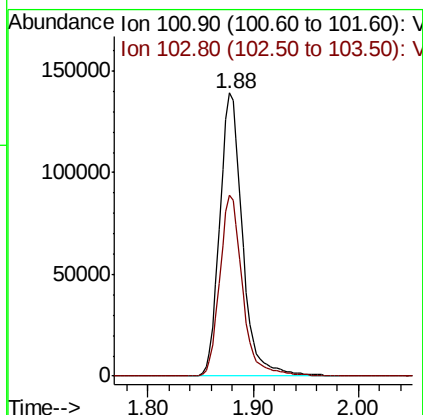
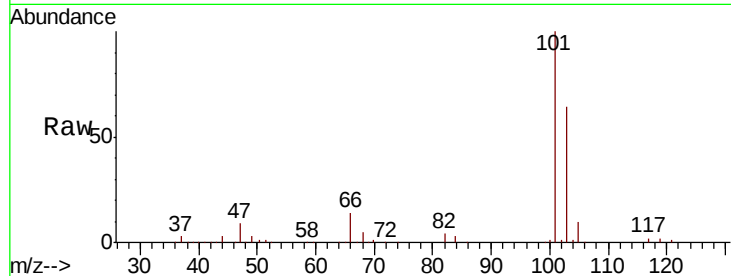


#7

Trichlorofluoromethane
 Concen: 111.029 ug/l
 RT: 1.88 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

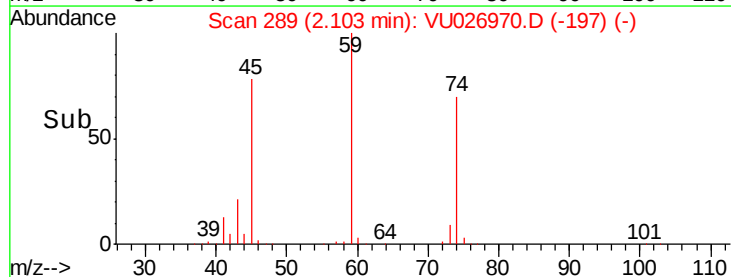
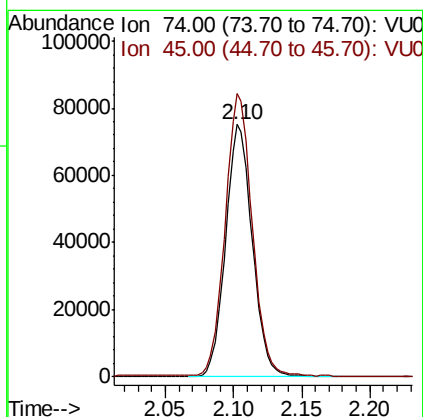
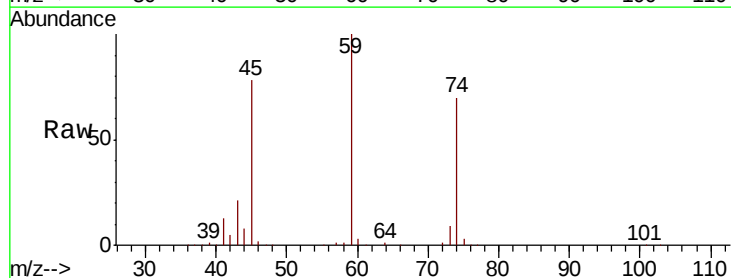
Tgt Ion: 101 Resp: 208313
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.2



#8

Diethyl Ether
 Concen: 122.164 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion: 74 Resp: 102791
 Ion Ratio Lower Upper
 74 100
 45 112.2 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 112.492 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

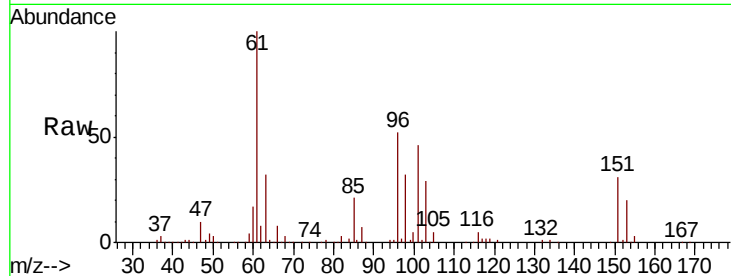
Tgt Ion:101 Resp: 125889

Ion Ratio Lower Upper

101 100

85 45.6 36.2 54.2

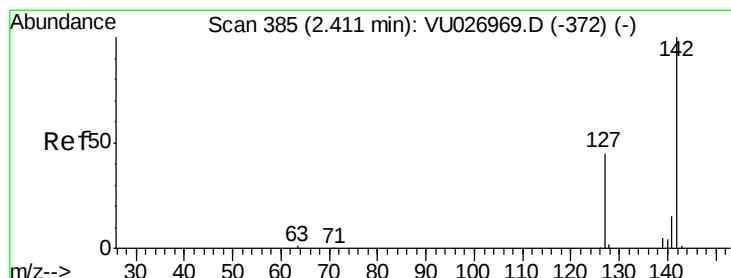
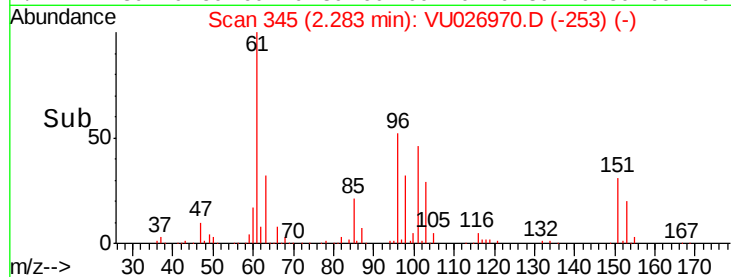
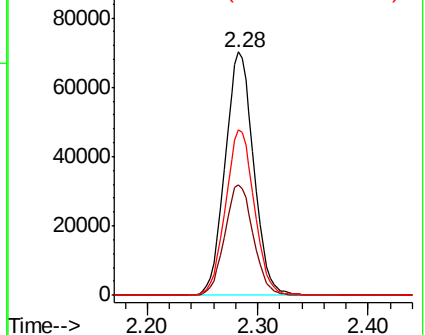
151 68.6 54.5 81.7



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: 173.738 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

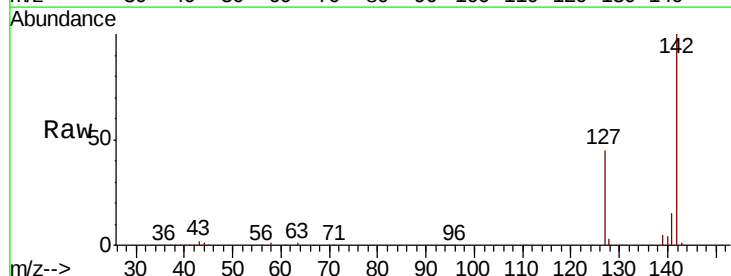
Tgt Ion:142 Resp: 169706

Ion Ratio Lower Upper

142 100

127 44.8 36.7 55.1

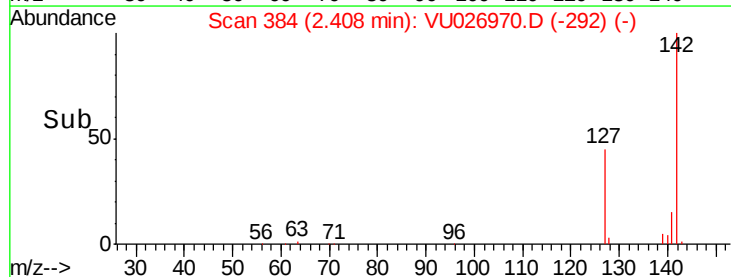
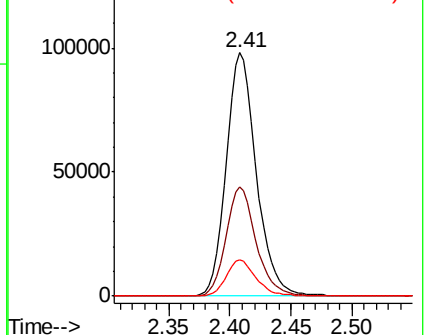
141 14.7 11.8 17.6

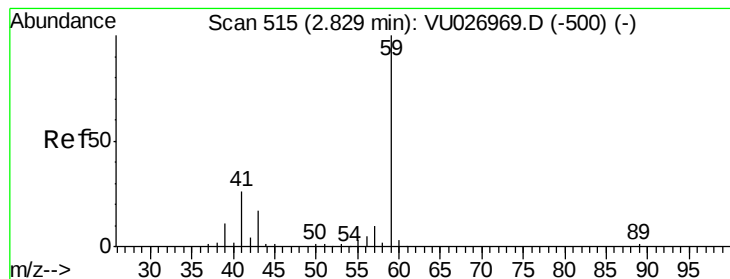


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



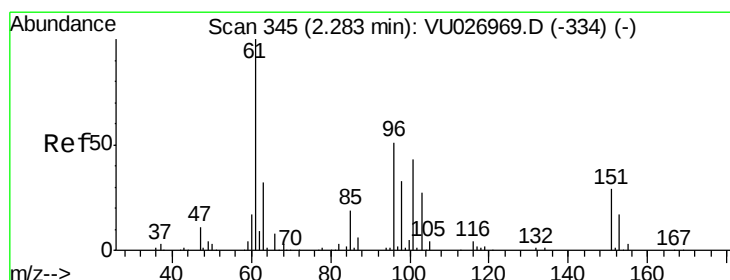
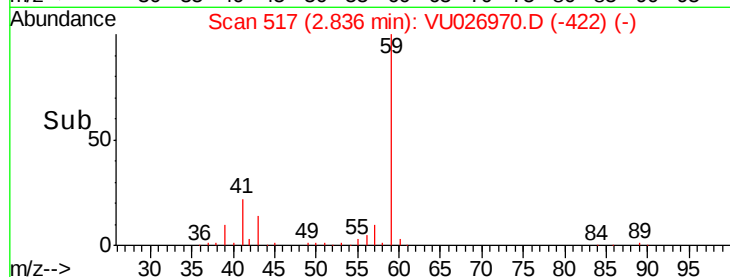
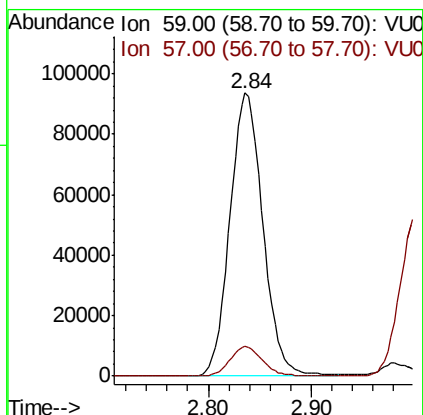
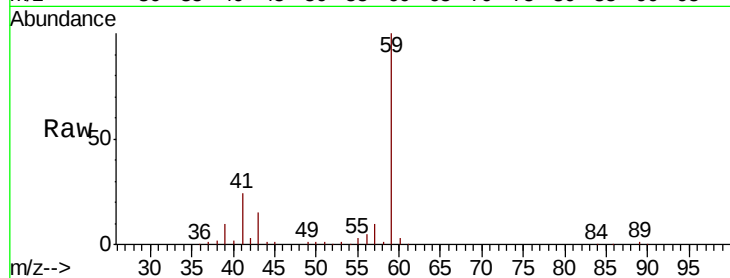


#11

Tert butyl alcohol
 Concen: 597.735 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDIC100

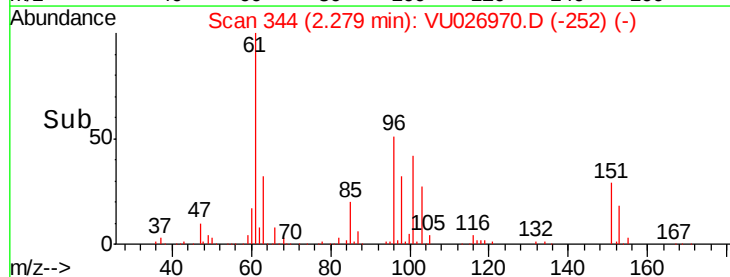
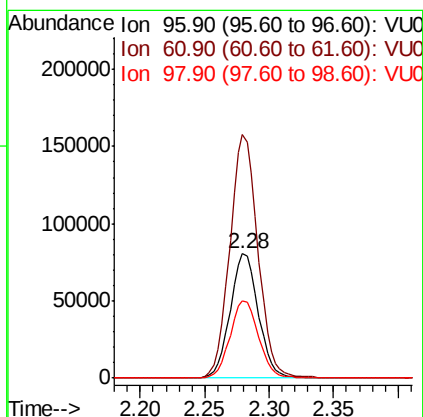
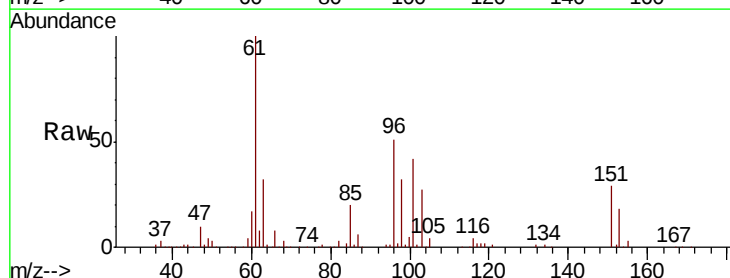
Tgt Ion: 59 Resp: 208815
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

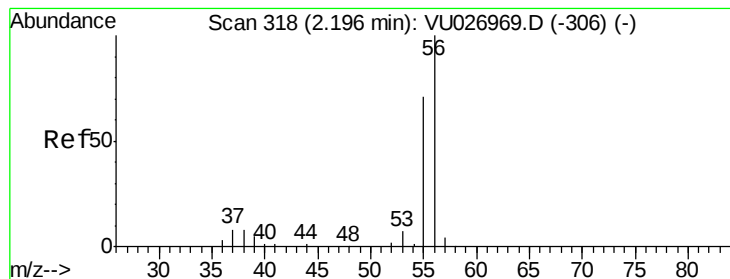


#12

1,1-Dichloroethene
 Concen: 115.213 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. -0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion: 96 Resp: 122230
 Ion Ratio Lower Upper
 96 100
 61 195.8 156.1 234.1
 98 62.4 51.4 77.0





#13

Acrolein

Concen: 526.650 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

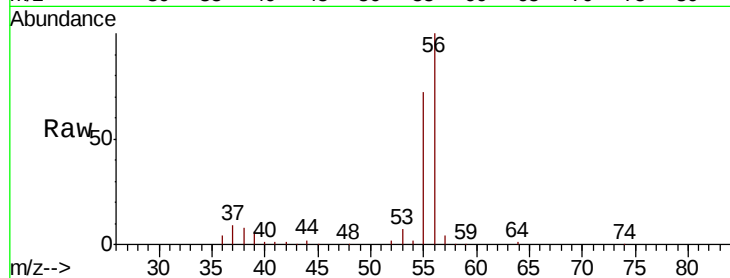
VSTDIC100

Tgt Ion: 56 Resp: 119700

Ion Ratio Lower Upper

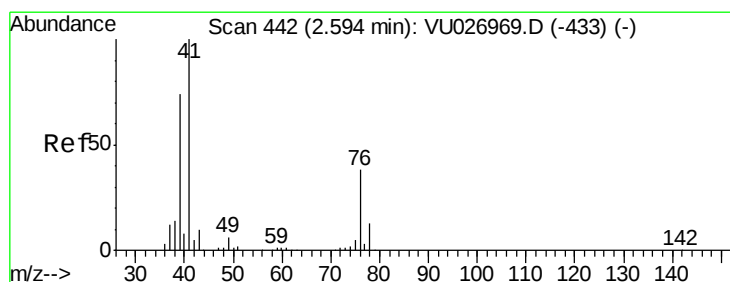
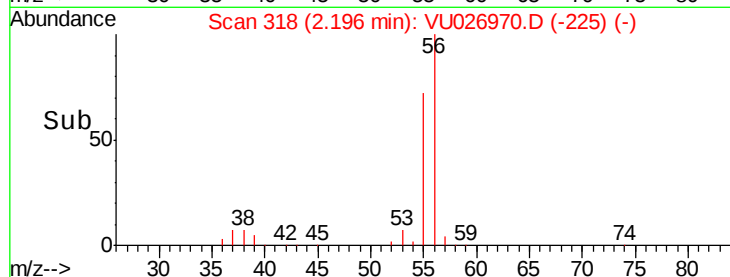
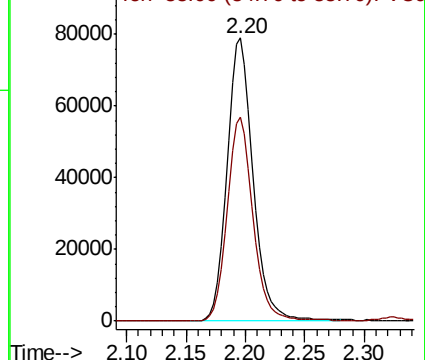
56 100

55 71.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 150.072 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

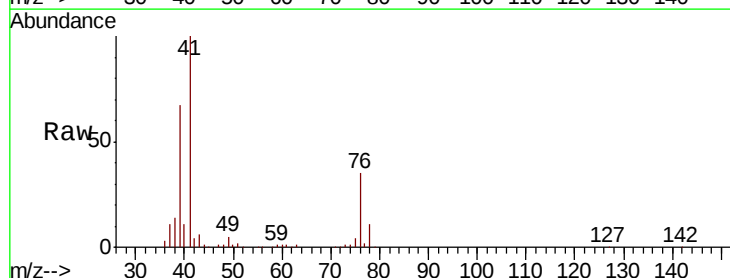
Tgt Ion: 41 Resp: 296736

Ion Ratio Lower Upper

41 100

39 60.2 55.7 83.5

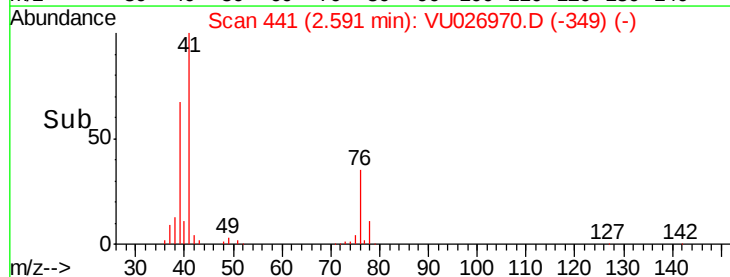
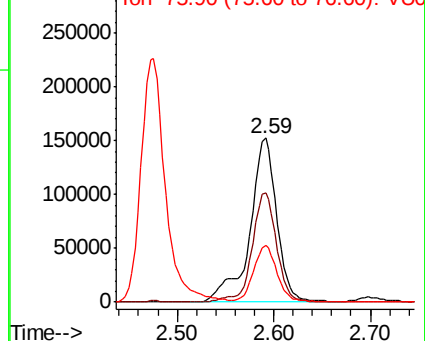
76 29.6 26.5 39.7

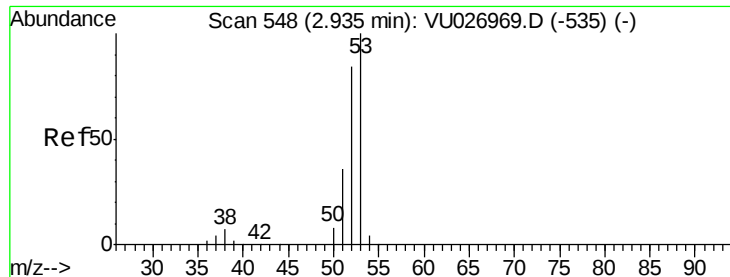


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 697.872 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

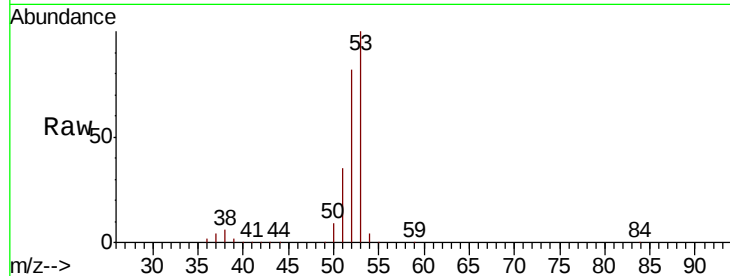
Tgt Ion: 53 Resp: 533690

Ion Ratio Lower Upper

53 100

52 82.3 65.7 98.5

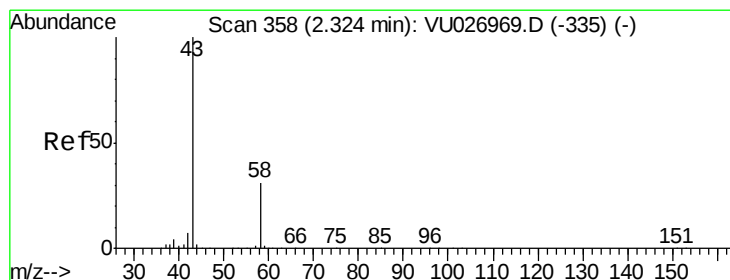
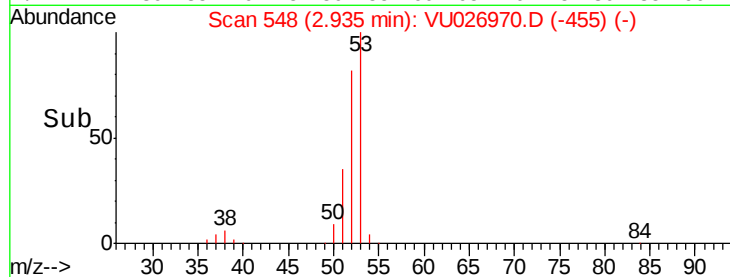
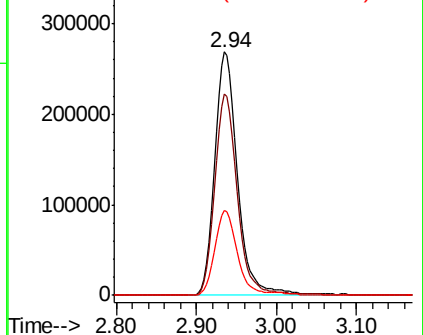
51 35.2 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 595.240 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026970.D

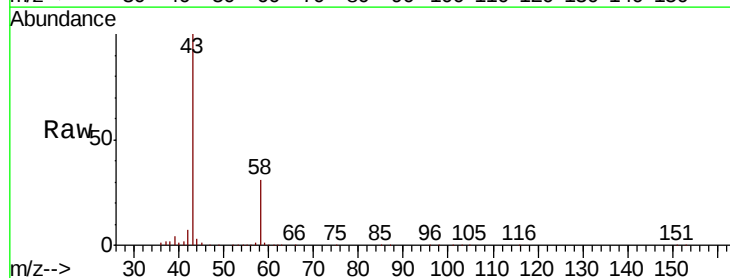
Acq: 21 Sep 2018 16:01

Tgt Ion: 43 Resp: 485440

Ion Ratio Lower Upper

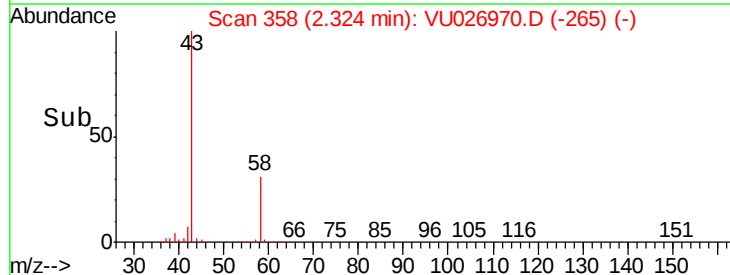
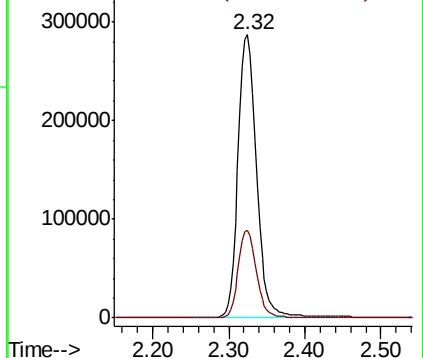
43 100

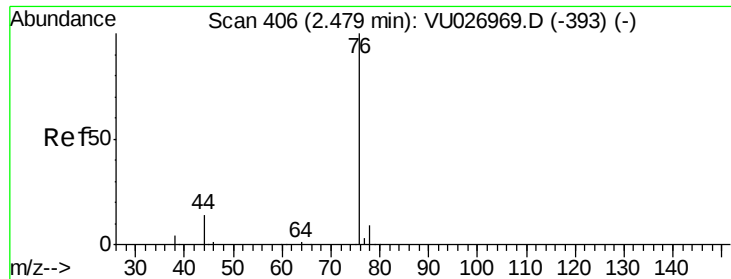
58 31.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

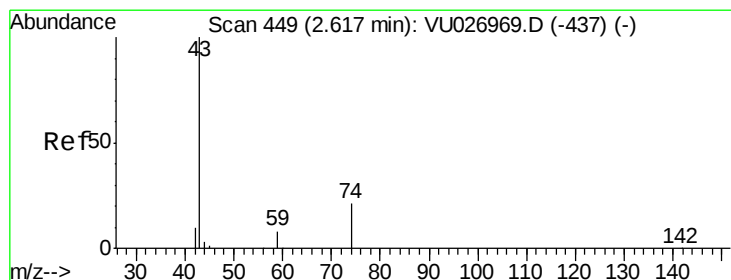
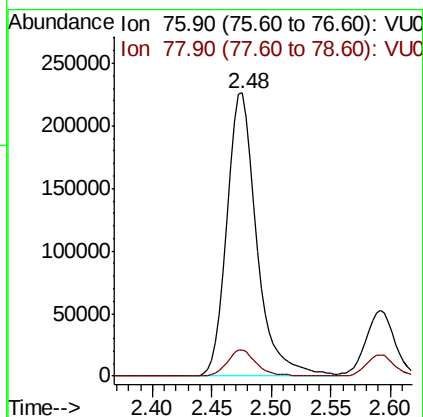
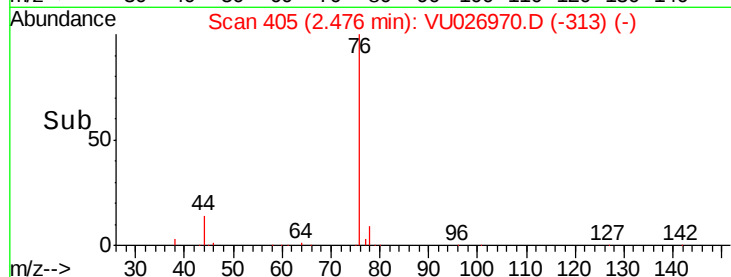
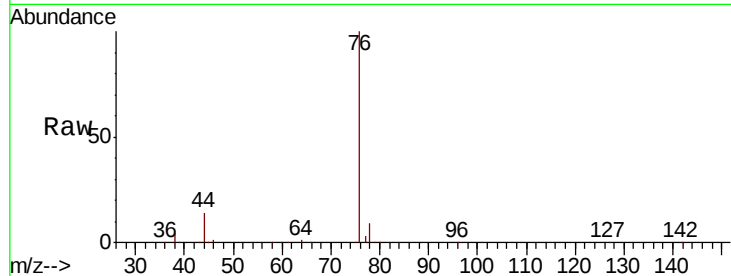




#17
 Carbon Disulfide
 Concen: 116.400 ug/l
 RT: 2.48 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

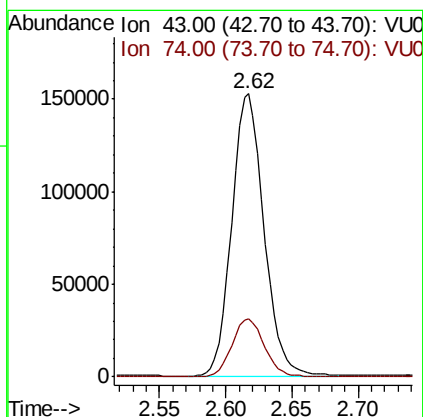
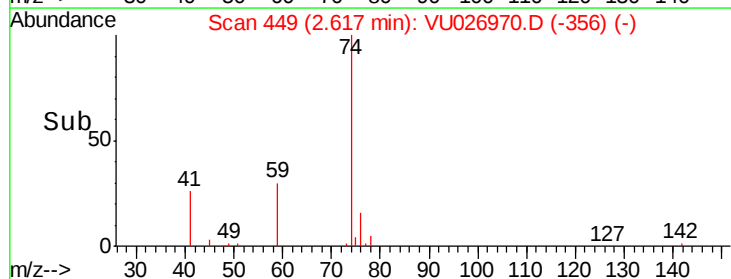
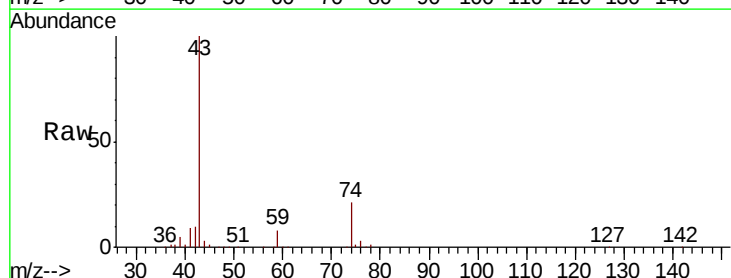
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

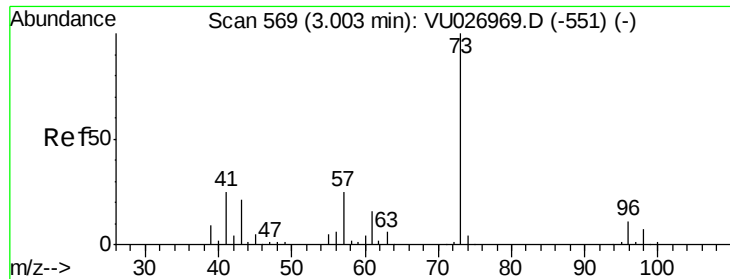
Tgt Ion: 76 Resp: 395523
 Ion Ratio Lower Upper
 76 100
 78 9.4 7.1 10.7



#18
 Methyl Acetate
 Concen: 141.969 ug/l
 RT: 2.62 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion: 43 Resp: 256990
 Ion Ratio Lower Upper
 43 100
 74 21.0 16.6 25.0

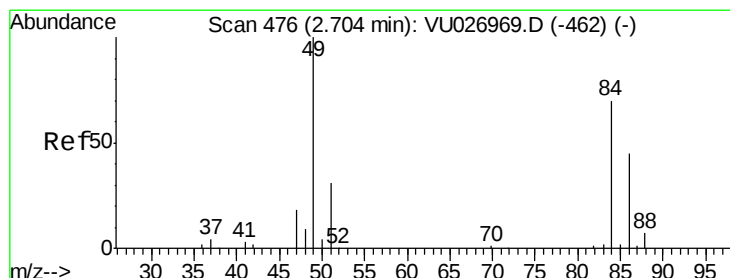
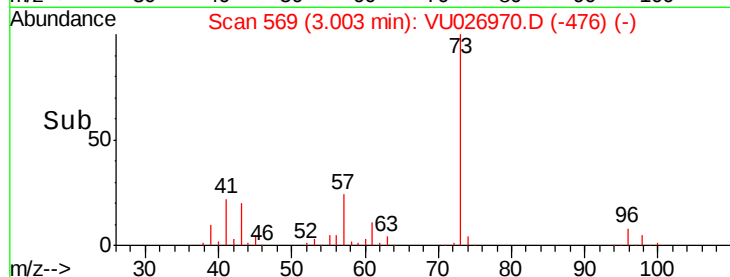
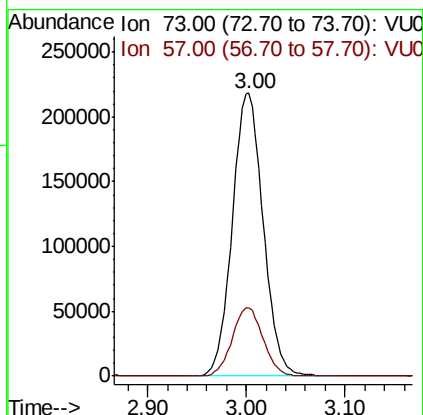
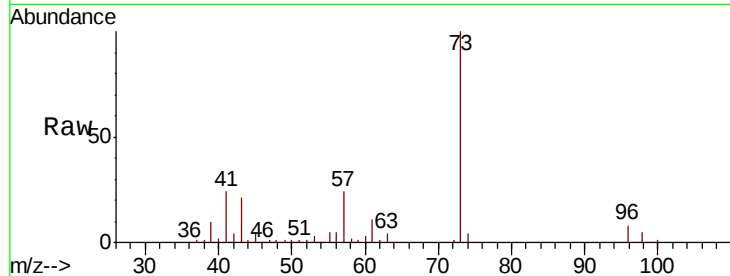




#19
Methyl tert-butyl Ether
Concen: 127.488 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

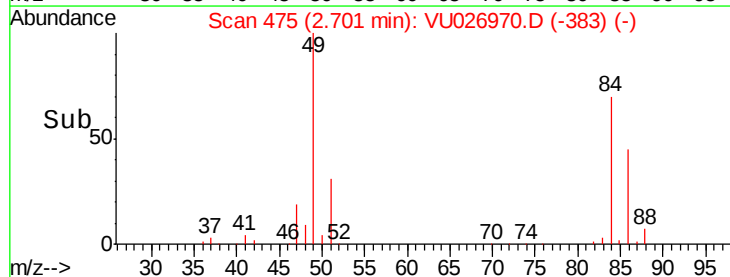
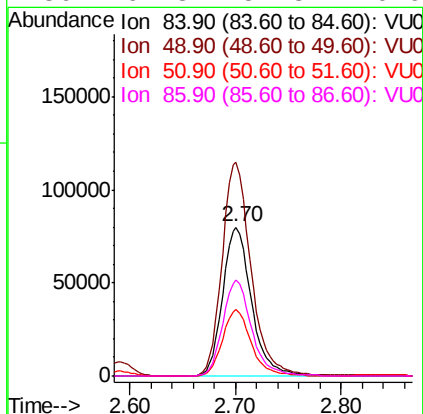
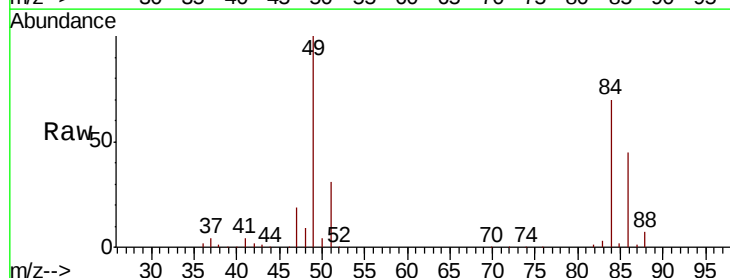
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

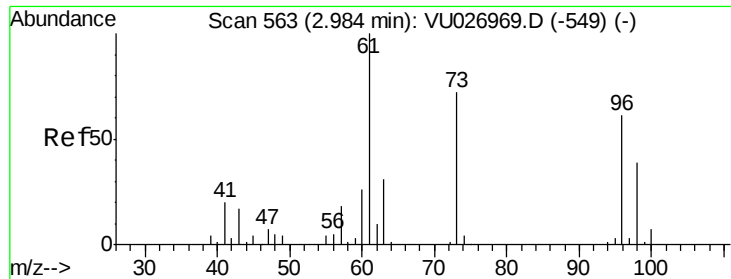
Tgt Ion: 73 Resp: 474584
Ion Ratio Lower Upper
73 100
57 24.3 19.8 29.6



#20
Methylene Chloride
Concen: 116.674 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Tgt Ion: 84 Resp: 151417
Ion Ratio Lower Upper
84 100
49 143.6 114.9 172.3
51 44.7 35.8 53.8
86 64.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 120.158 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

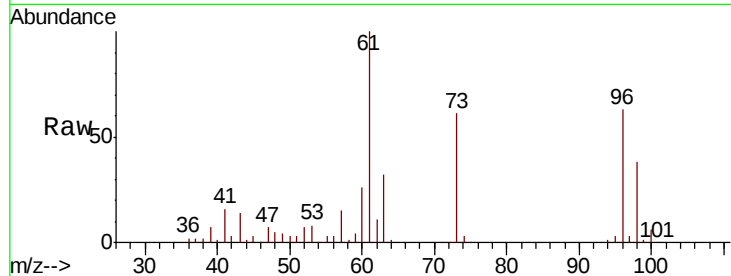
Tgt Ion: 96 Resp: 135323

Ion Ratio Lower Upper

96 100

61 159.8 131.8 197.6

98 61.2 50.9 76.3

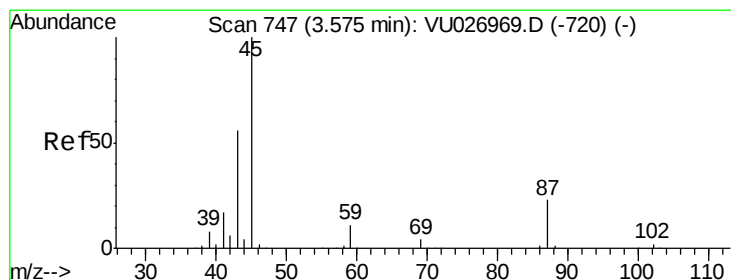
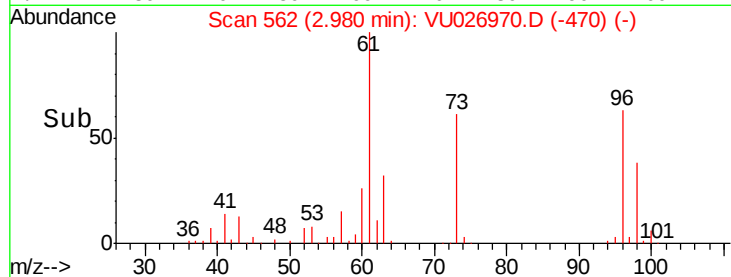
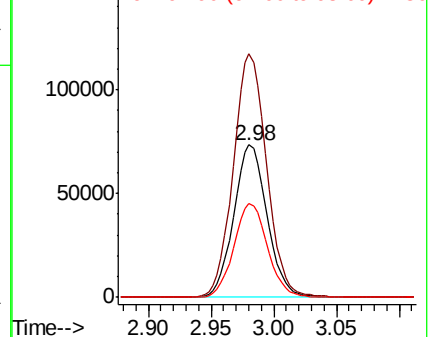


Abundance

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: 138.366 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Tgt Ion: 45 Resp: 572923

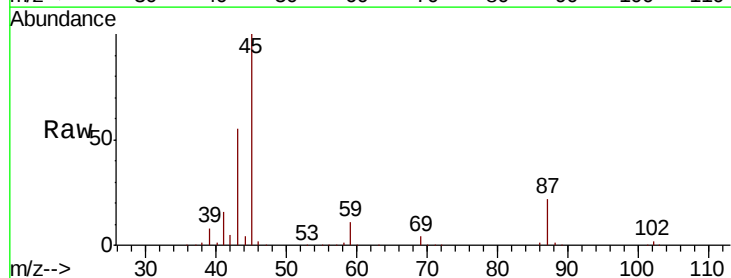
Ion Ratio Lower Upper

45 100

43 54.1 45.8 68.6

87 22.3 18.6 28.0

59 11.1 9.0 13.4



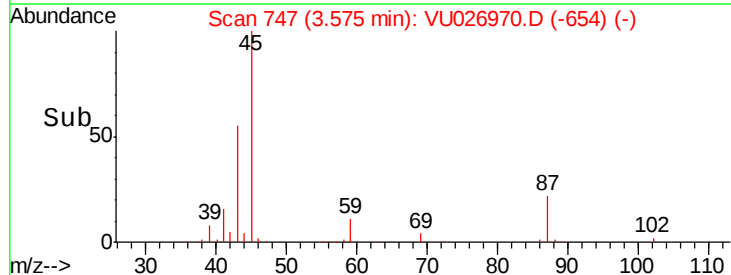
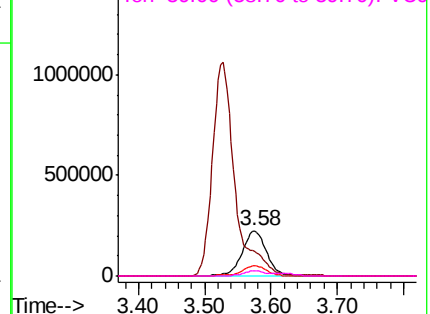
Abundance

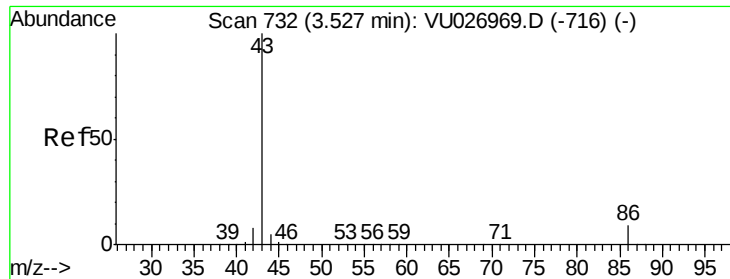
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0

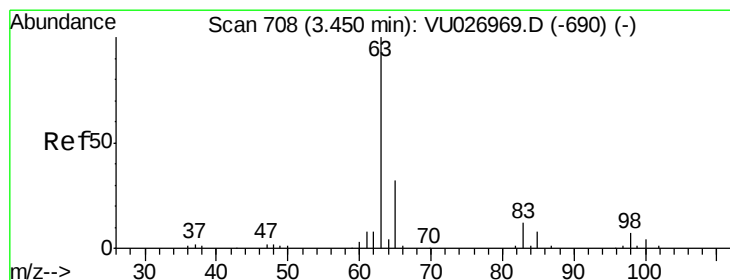
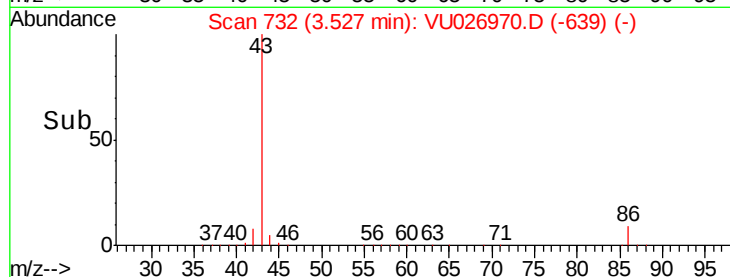
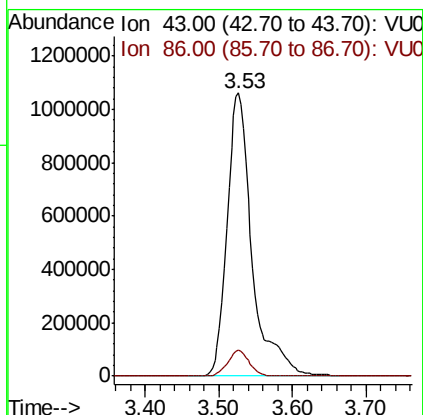
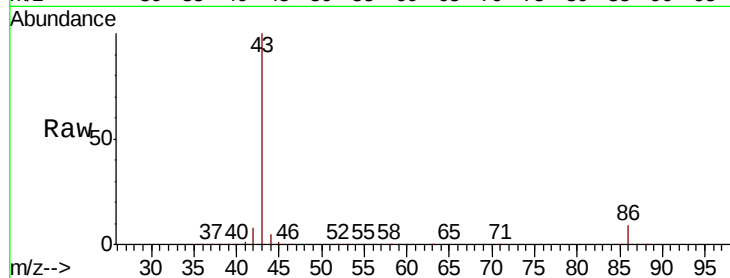




#23
 Vinyl Acetate
 Concen: 710.564 ug/l
 RT: 3.53 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

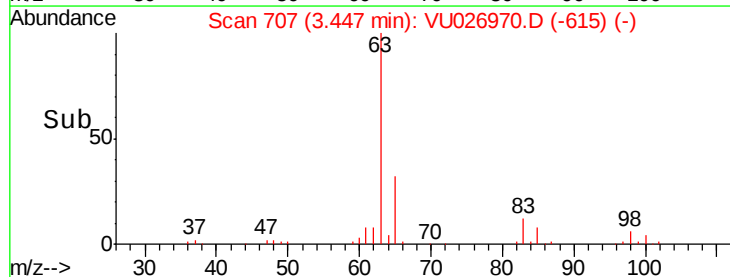
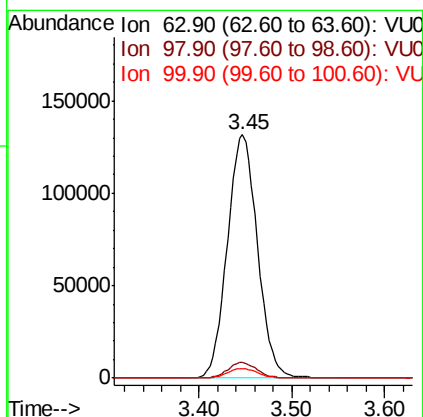
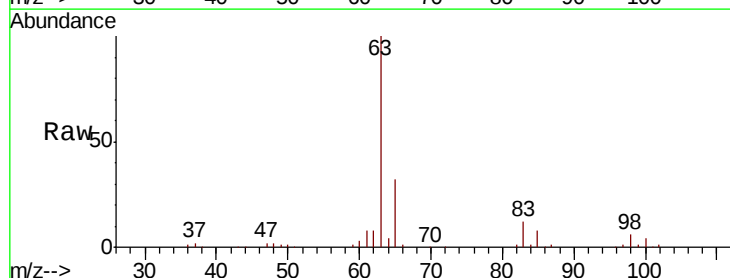
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 2497645
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 128.607 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion: 63 Resp: 296557
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 3.9 2.0 5.8





#25

2-Butanone

Concen: 689.649 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

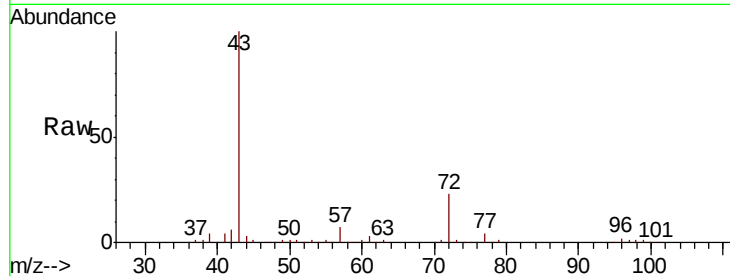
VSTDIC100

Tgt Ion: 43 Resp: 767473

Ion Ratio Lower Upper

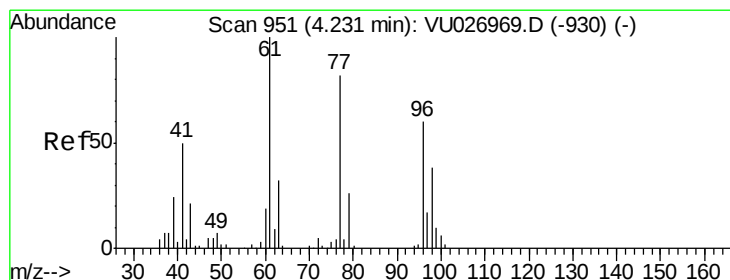
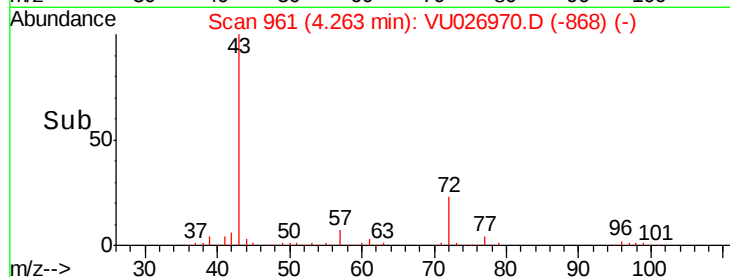
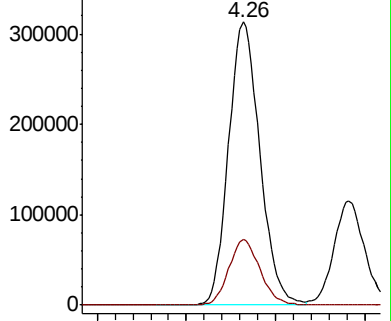
43 100

72 23.2 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 122.197 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU026970.D

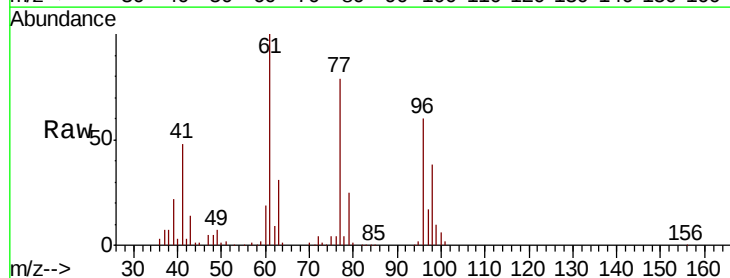
Acq: 21 Sep 2018 16:01

Tgt Ion: 77 Resp: 228865

Ion Ratio Lower Upper

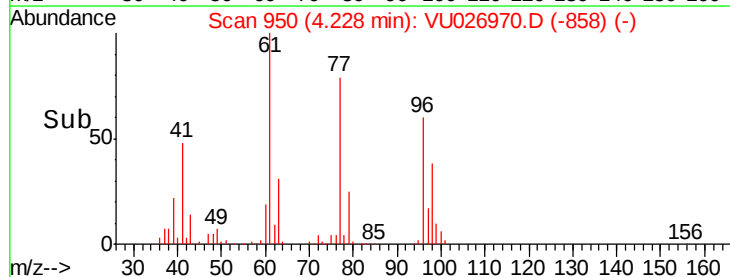
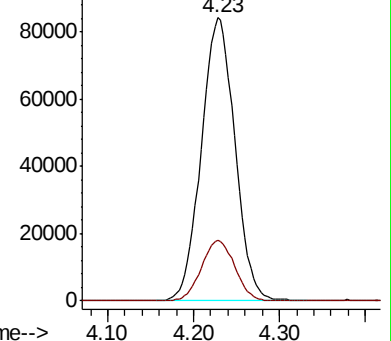
77 100

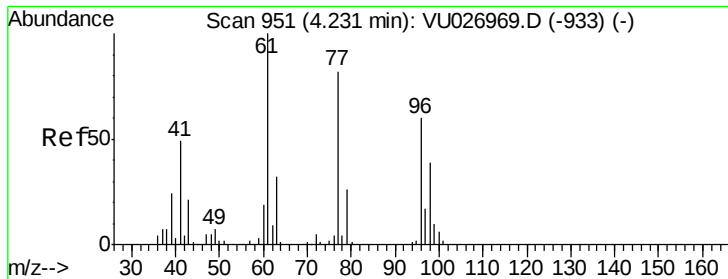
97 21.3 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



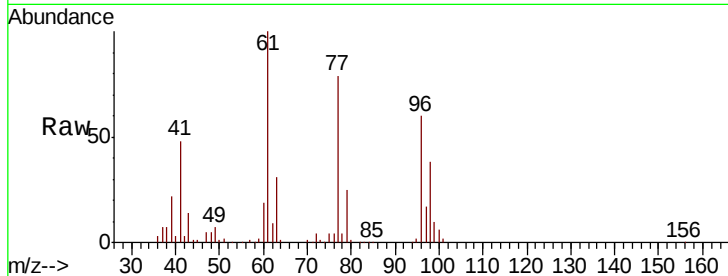


#27

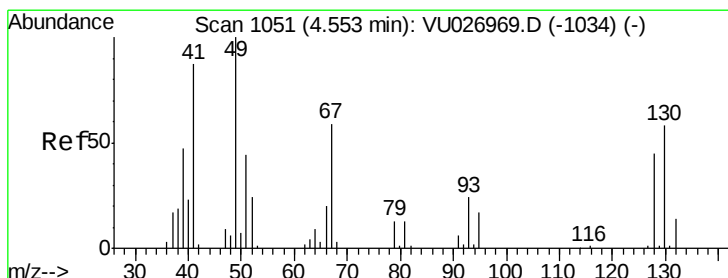
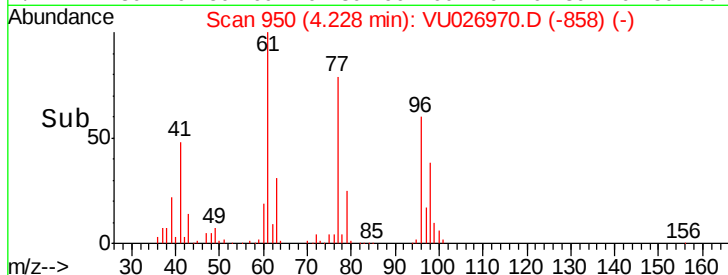
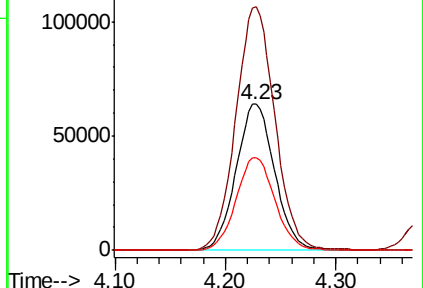
cis-1,2-Dichloroethene
 Concen: 120.038 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion	Resp	Lower	Upper
96	154796		
61	169.1	0.0	337.2
98	64.0	0.0	127.6



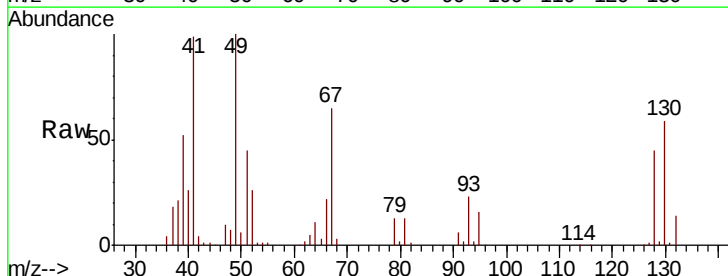
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



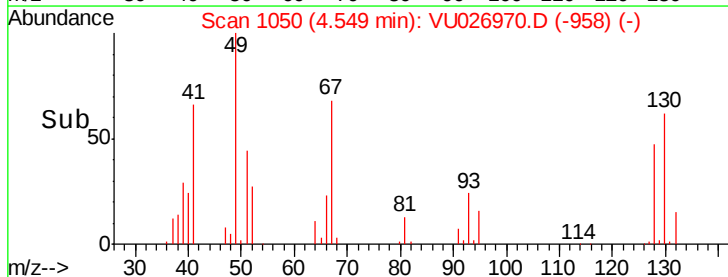
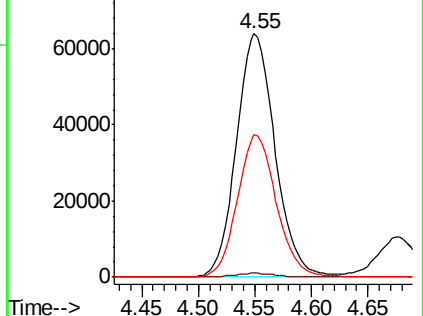
#28

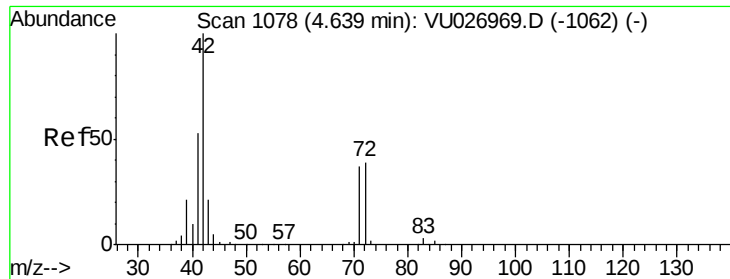
Bromochloromethane
 Concen: 137.062 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion	Resp	Lower	Upper
49	152258		
129	1.7	0.0	3.0
130	59.0	47.8	71.8



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: 720.564 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

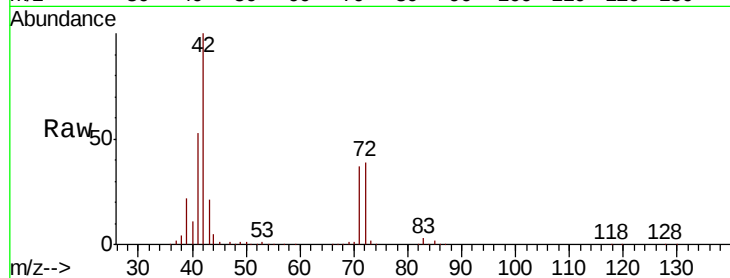
Tgt Ion: 42 Resp: 488147

Ion Ratio Lower Upper

42 100

72 39.4 31.7 47.5

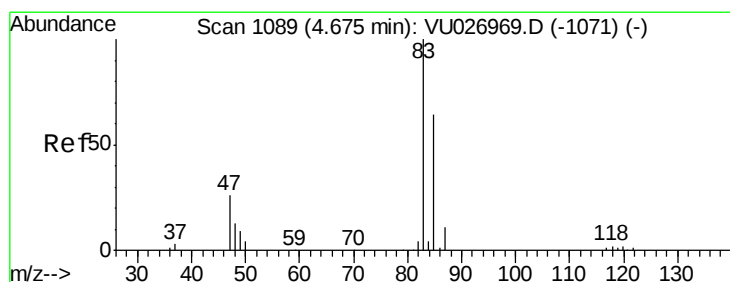
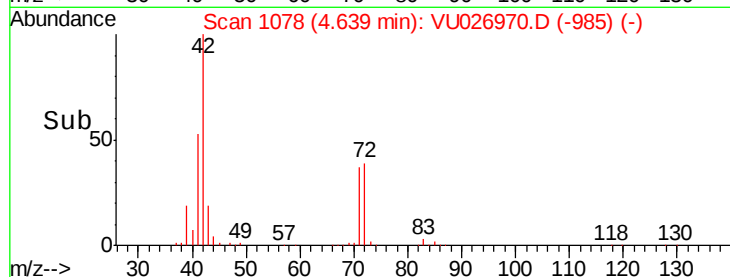
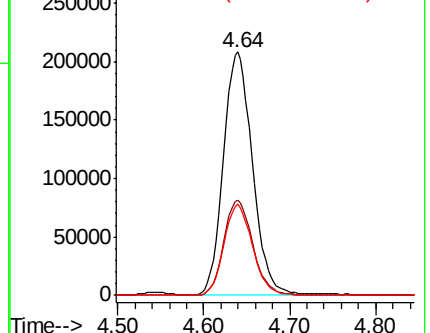
71 36.9 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 119.214 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU026970.D

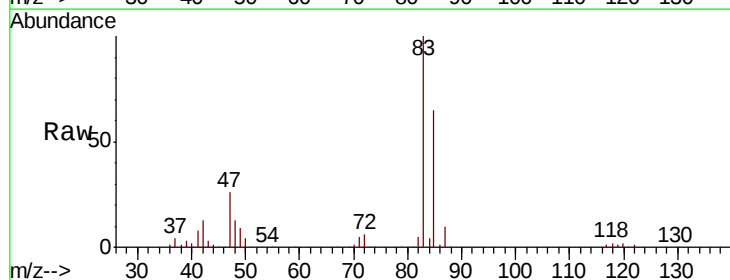
Acq: 21 Sep 2018 16:01

Tgt Ion: 83 Resp: 267295

Ion Ratio Lower Upper

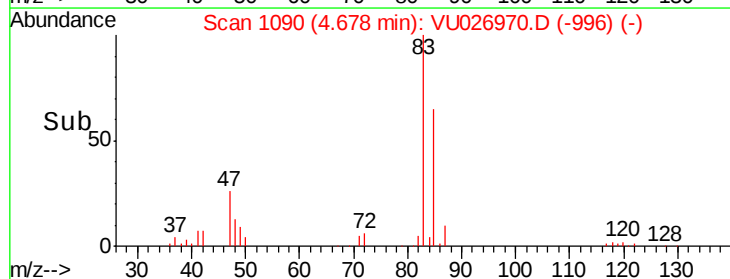
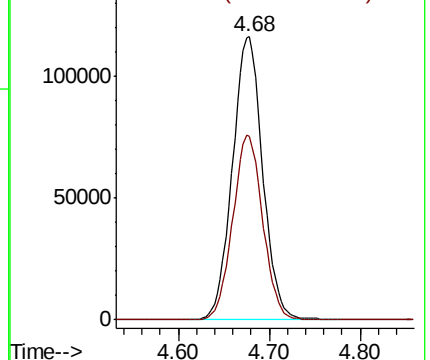
83 100

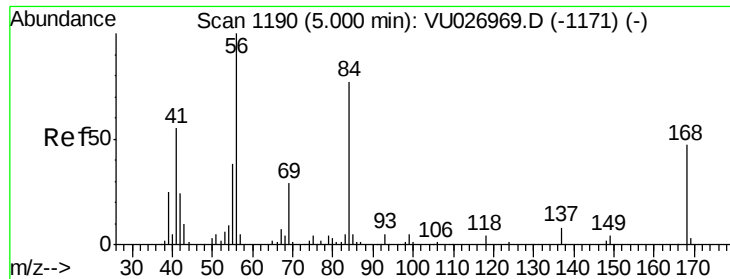
85 64.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

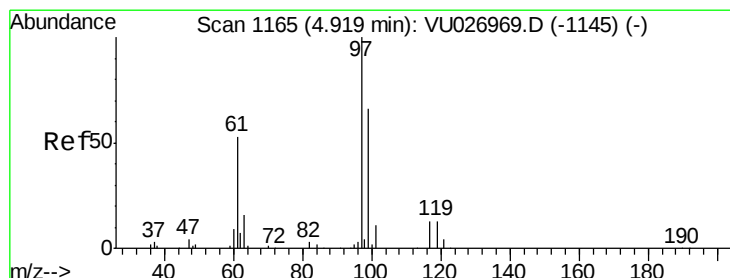
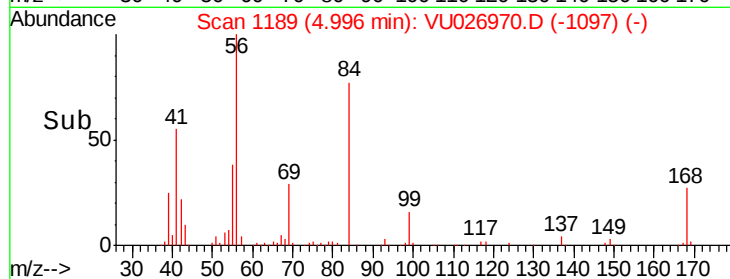
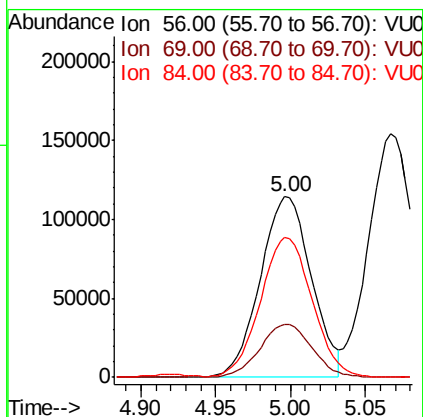
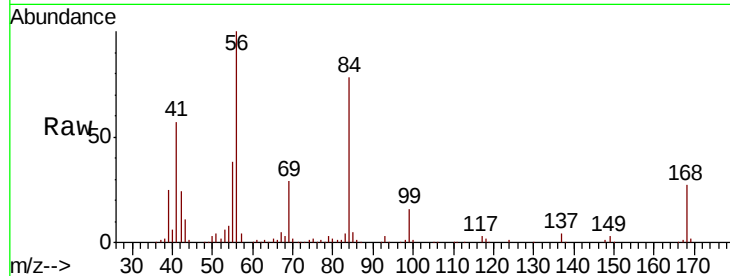




#31
Cyclohexane
Concen: 114.317 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

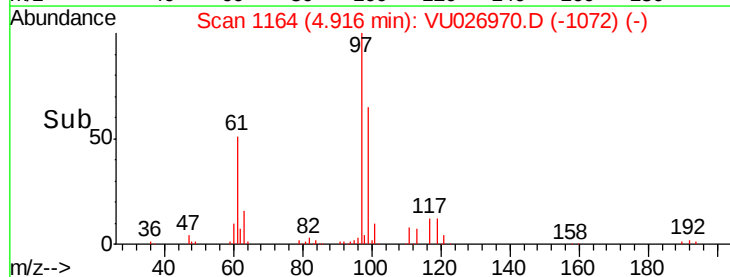
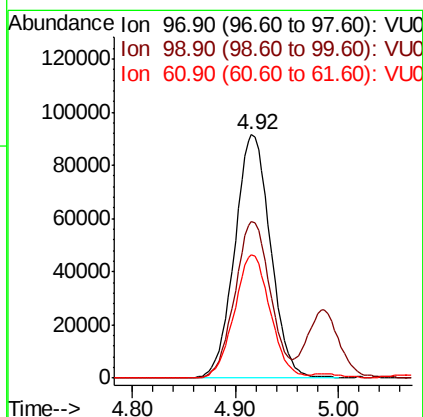
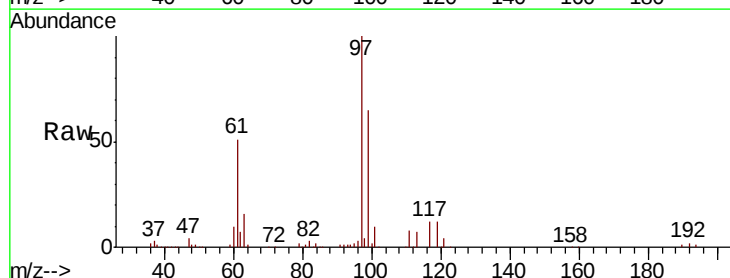
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

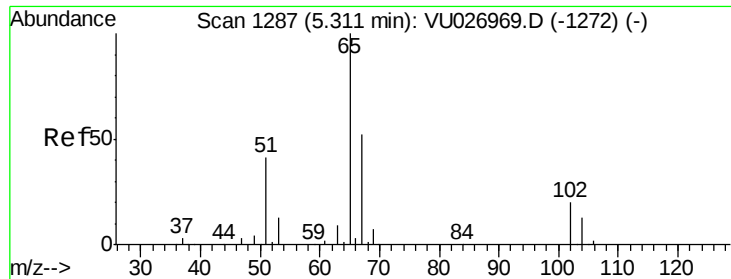
Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.0	34.4
84	76.7	61.4	92.2



#32
1,1,1-Trichloroethane
Concen: 119.995 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.6
61	51.0	41.1	61.7

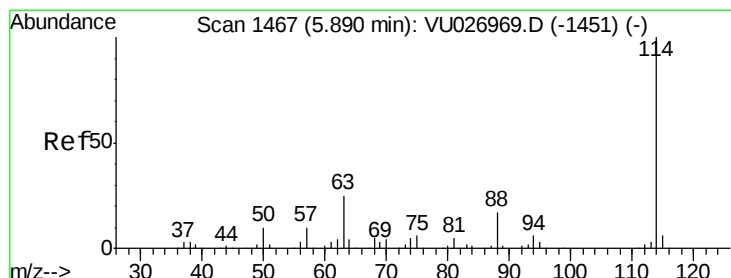
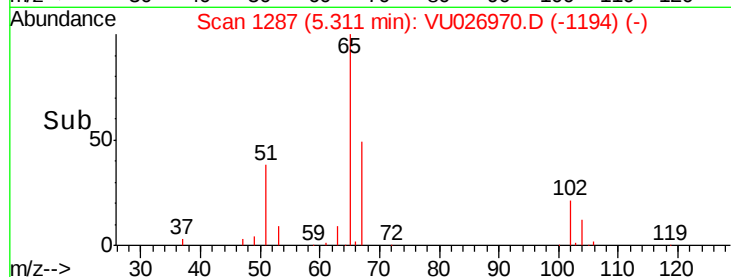
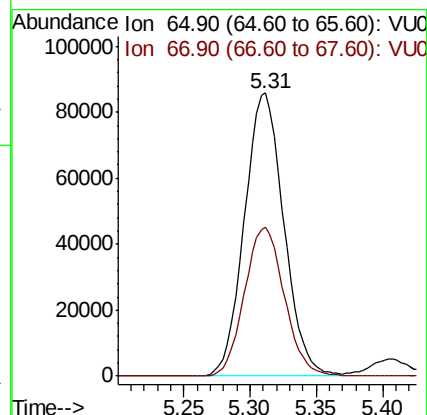
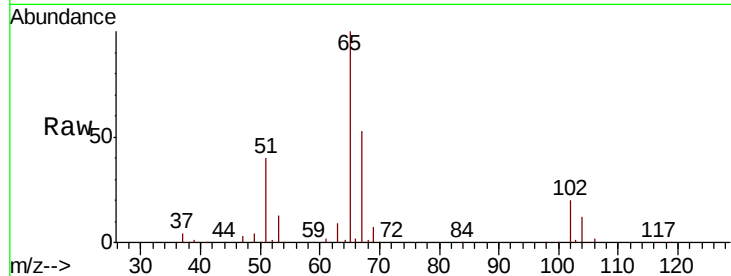




#33
 1,2-Dichloroethane-d4
 Concen: 122.588 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

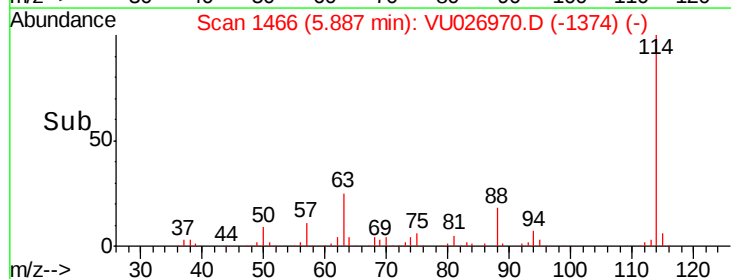
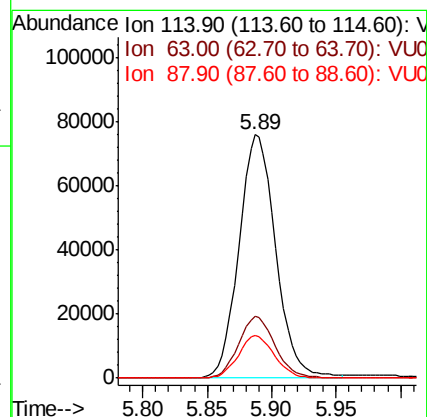
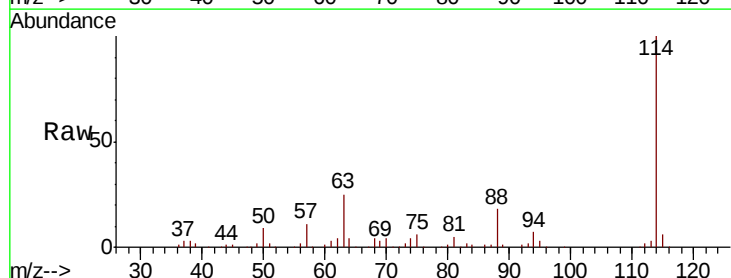
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion: 65 Resp: 177843
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion: 114 Resp: 150489
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 17.5 0.0 33.8

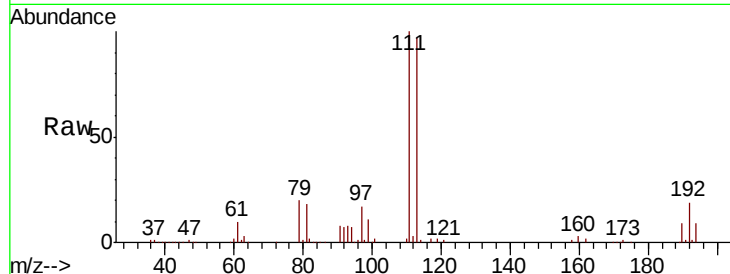




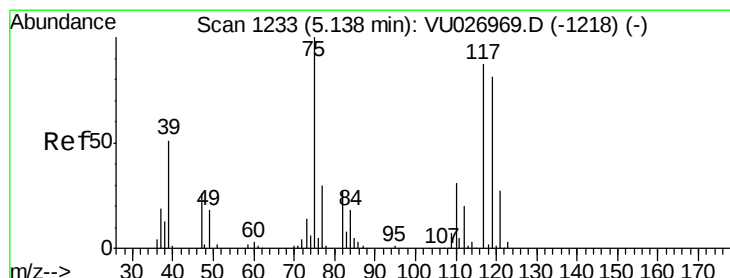
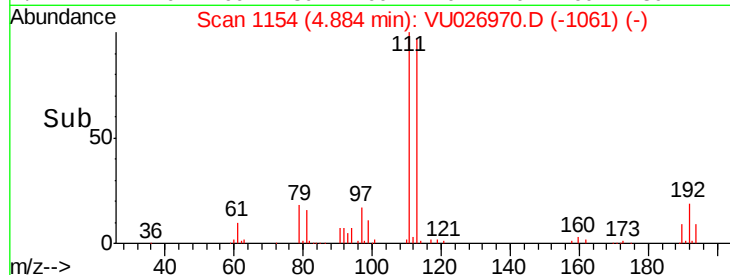
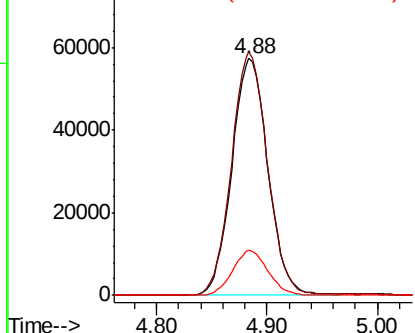
#35
 Dibromofluoromethane
 Concen: 103.831 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:113 Resp: 129729
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 18.7 15.2 22.8

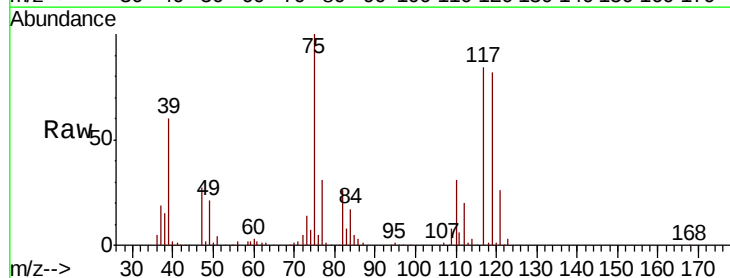


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

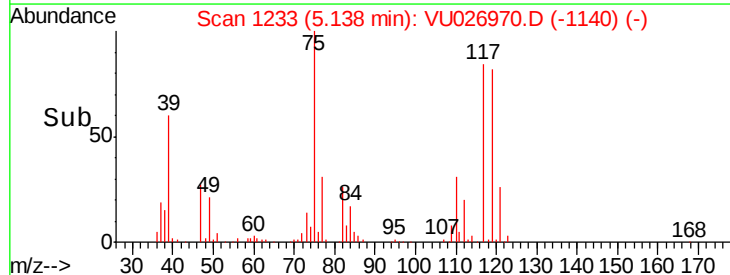
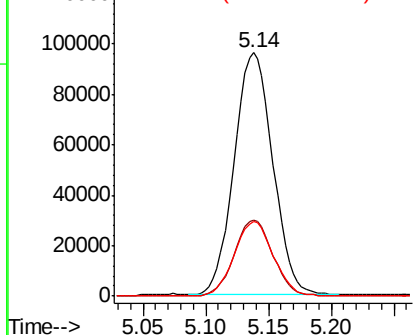


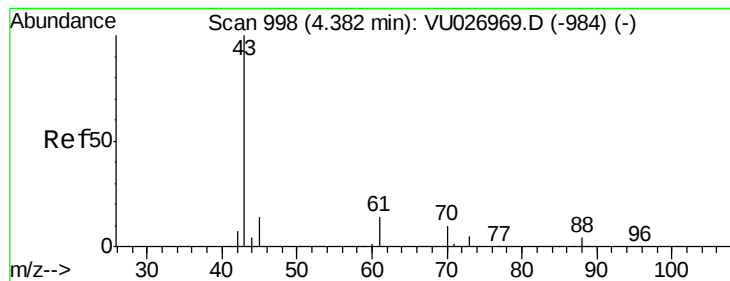
#36
 1,1-Dichloropropene
 Concen: 118.752 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion: 75 Resp: 206360
 Ion Ratio Lower Upper
 75 100
 110 31.7 16.1 48.2
 77 30.7 24.6 36.8



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: 133.137 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

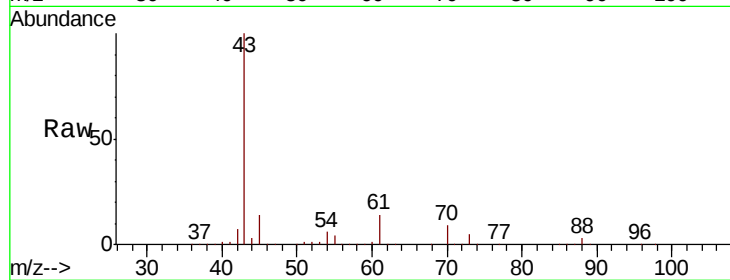
Tgt Ion: 43 Resp: 285728

Ion Ratio Lower Upper

43 100

61 13.0 10.5 15.7

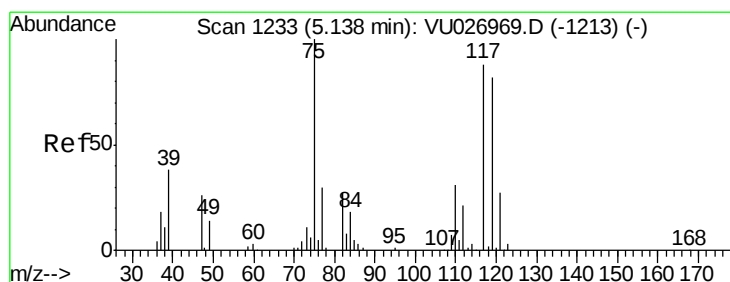
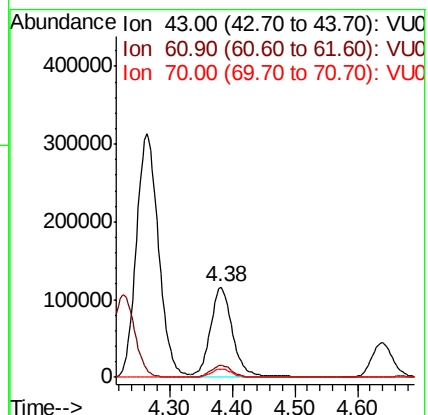
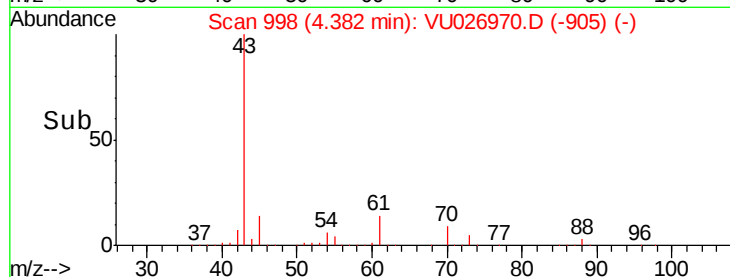
70 8.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU026970.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU026970.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU026970.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 105.282 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

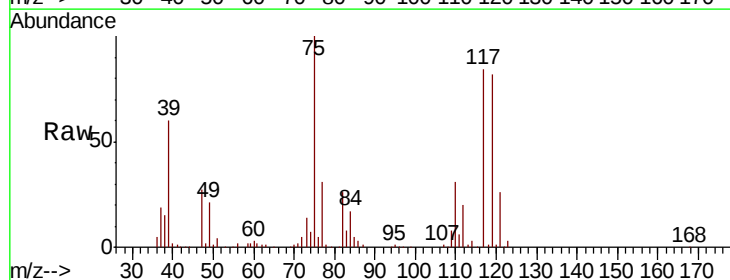
Tgt Ion: 117 Resp: 190319

Ion Ratio Lower Upper

117 100

119 97.4 74.4 111.6

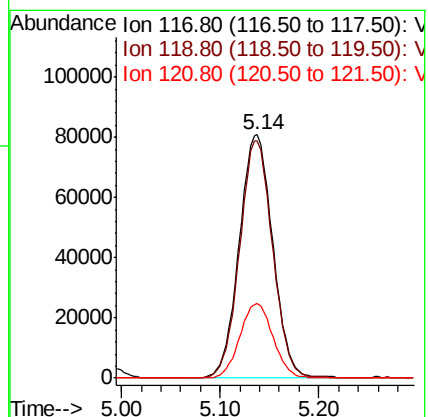
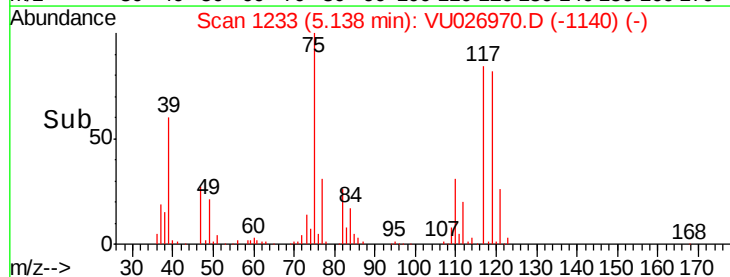
121 30.6 24.2 36.4

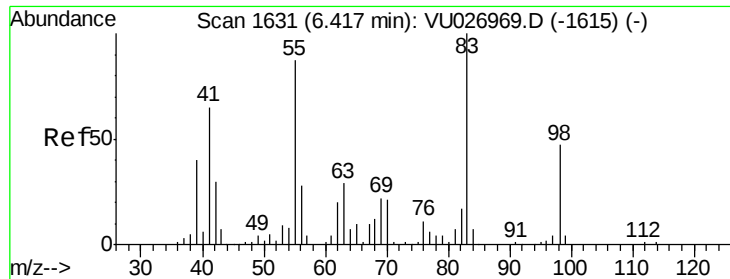


Abundance Ion 116.80 (116.50 to 117.50): VU026970.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU026970.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU026970.D (-1140) (-)

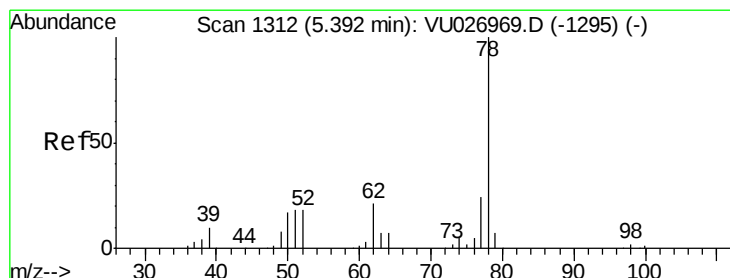
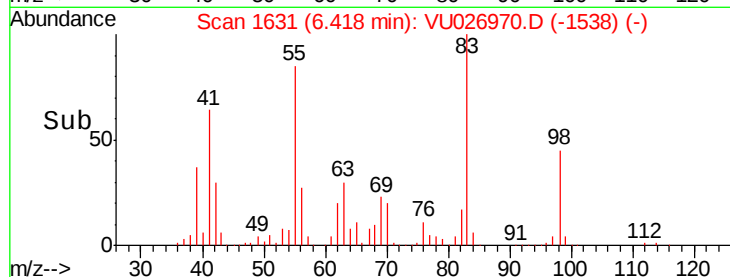
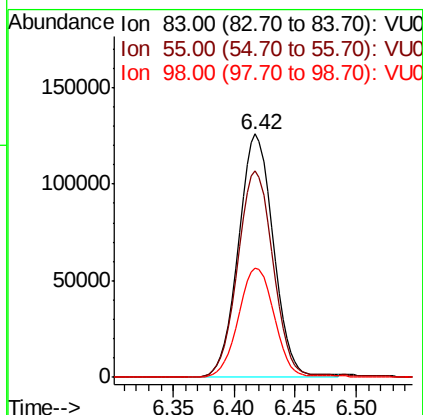
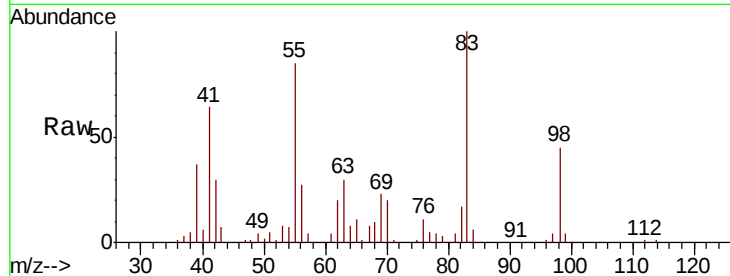




#39
Methylcyclohexane
Concen: 121.872 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

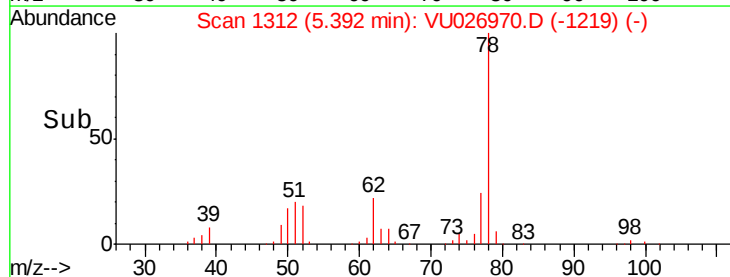
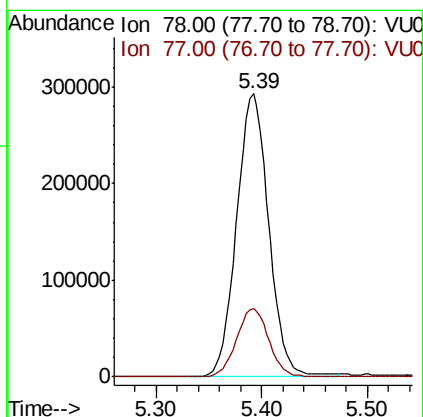
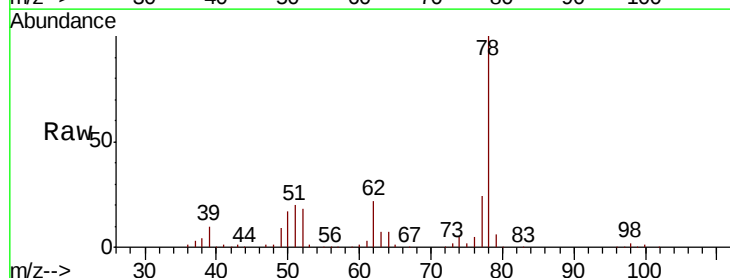
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 249443
Ion Ratio Lower Upper
83 100
55 84.9 69.9 104.9
98 44.8 37.5 56.3



#40
Benzene
Concen: 115.227 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Tgt Ion: 78 Resp: 619322
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

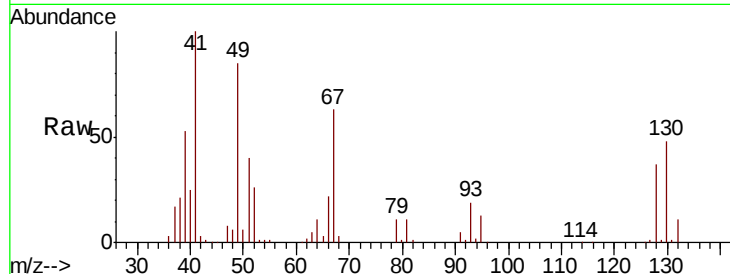




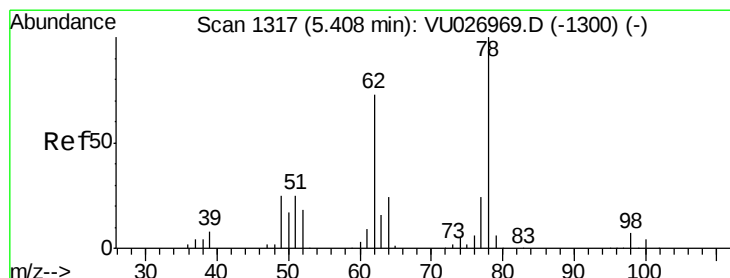
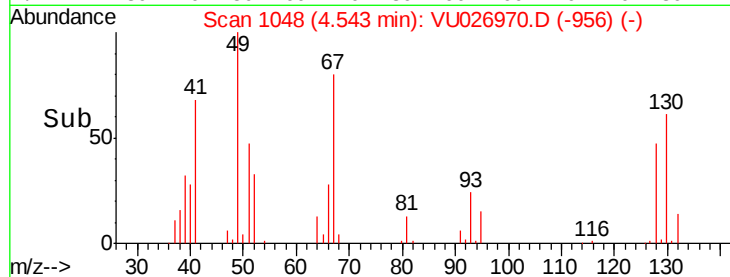
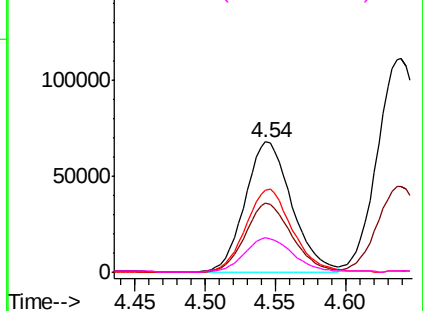
#41
Methacrylonitrile
Concen: 139.723 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	156265
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.9	64.3
67	63.8	52.4	78.6
52	26.5	21.3	31.9

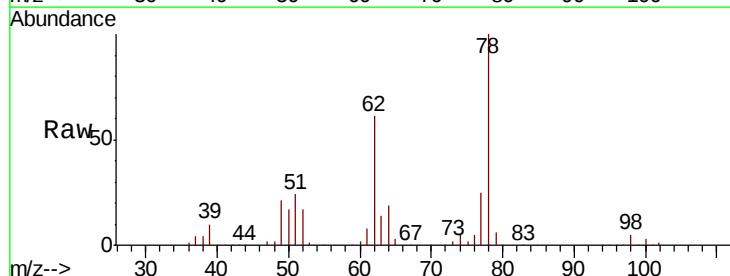


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

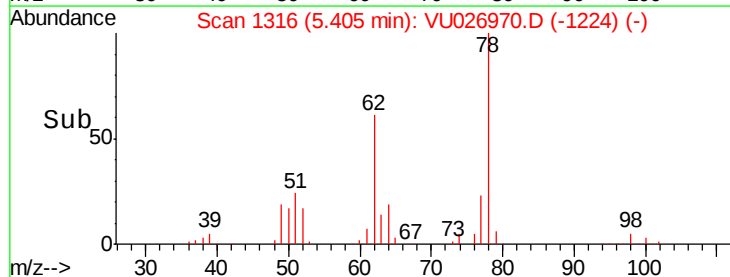
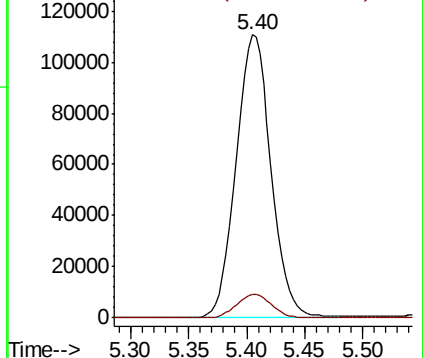


#42
1,2-Dichloroethane
Concen: 118.736 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Tgt Ion:	62	Resp:	231344
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 132.117 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

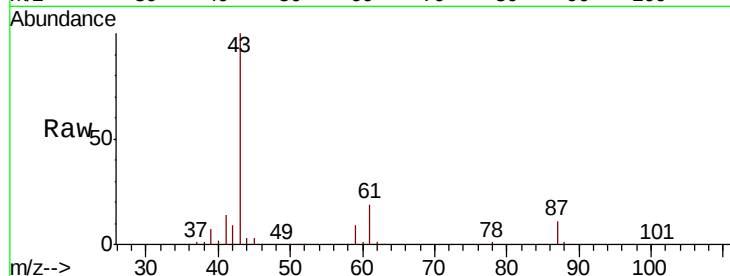
Tgt Ion: 43 Resp: 428356

Ion Ratio Lower Upper

43 100

61 19.2 15.7 23.5

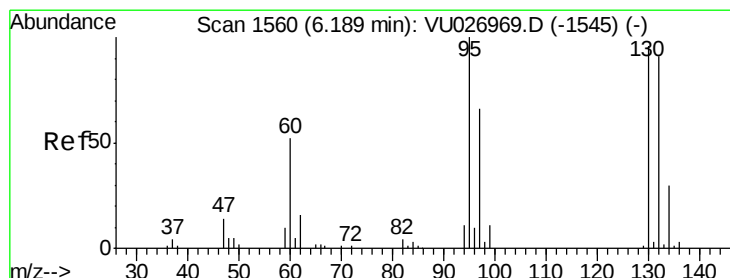
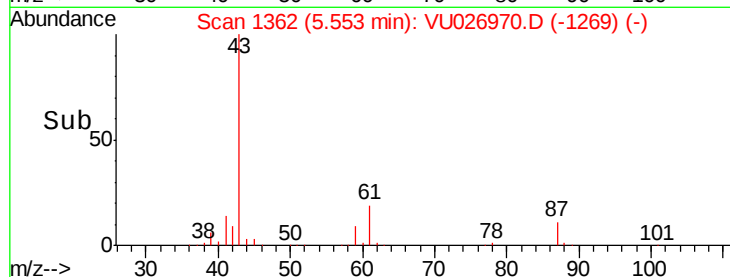
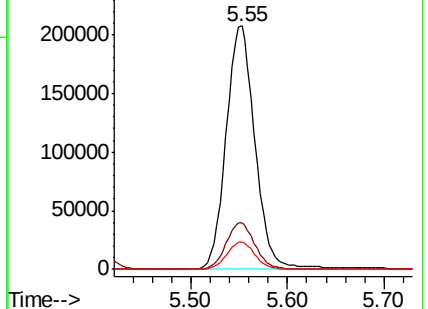
87 11.1 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026970.D (-1269) (-)

Ion 61.00 (60.70 to 61.70): VU026970.D (-1269) (-)

Ion 87.00 (86.70 to 87.70): VU026970.D (-1269) (-)



#44

Trichloroethene

Concen: 104.616 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU026970.D

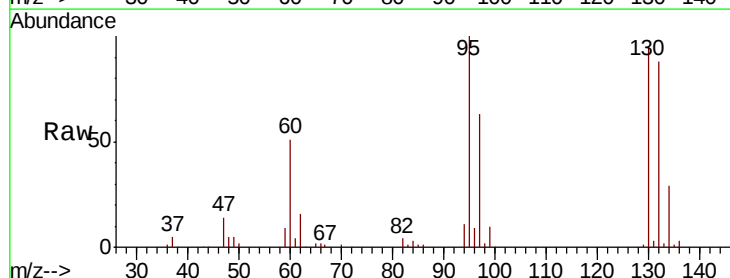
Acq: 21 Sep 2018 16:01

Tgt Ion: 130 Resp: 135942

Ion Ratio Lower Upper

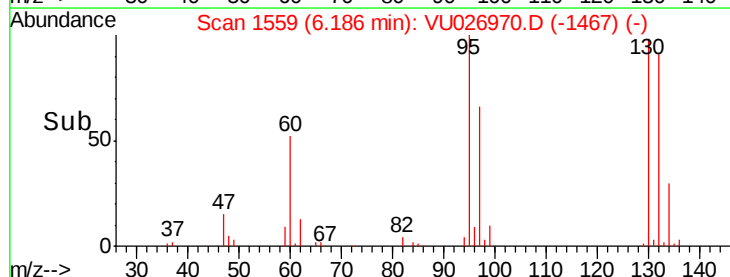
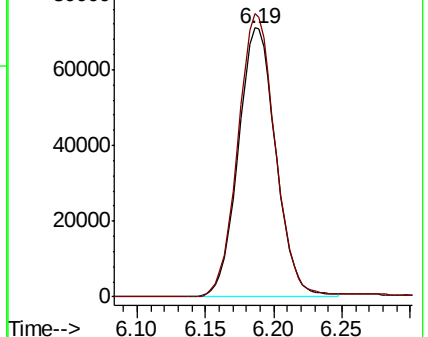
130 100

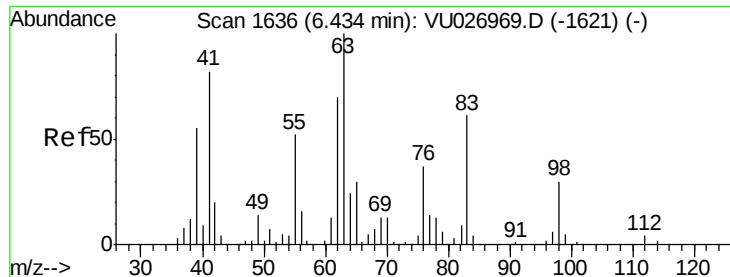
95 105.2 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026970.D (-1467) (-)

Ion 94.90 (94.60 to 95.60): VU026970.D (-1467) (-)





#45

1,2-Dichloropropane

Concen: 120.692 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

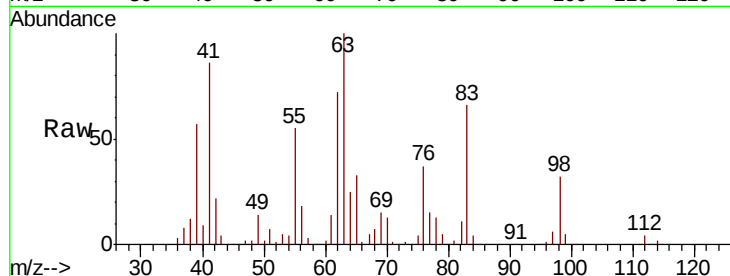
VSTDIC100

Tgt Ion: 63 Resp: 177977

Ion Ratio Lower Upper

63 100

65 32.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0

6.43

100000

80000

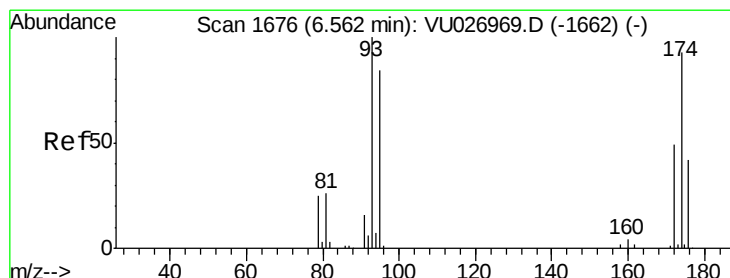
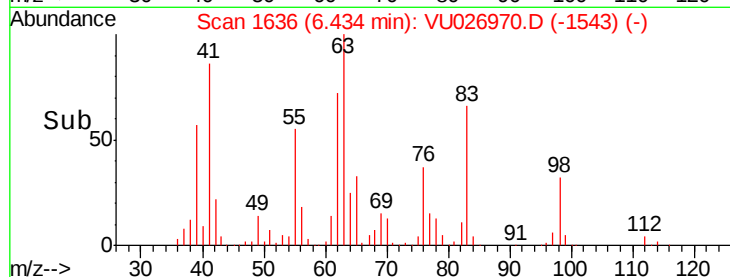
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 113.584 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

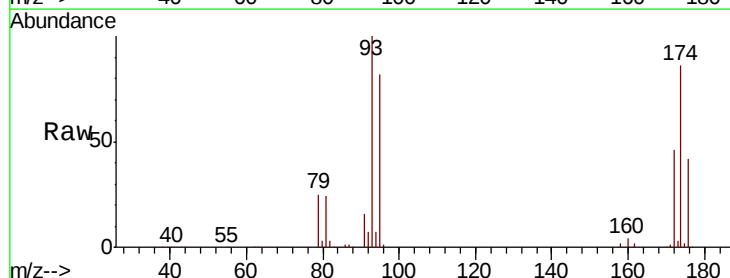
Tgt Ion: 93 Resp: 106295

Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

174 88.8 71.7 107.5



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

6.56

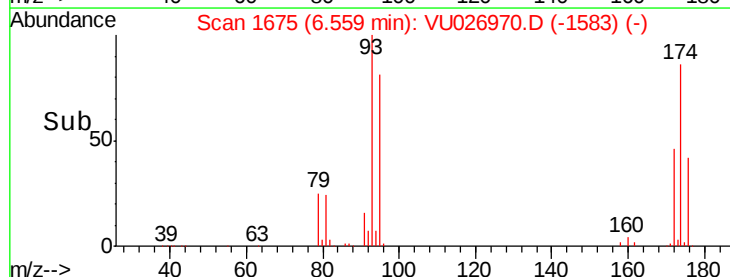
60000

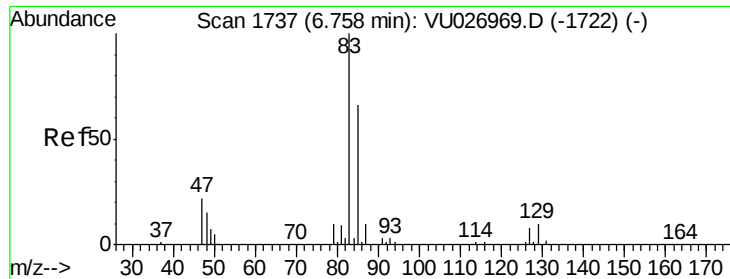
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 115.628 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

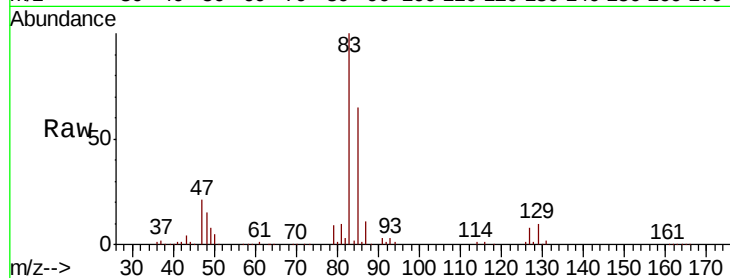
Tgt Ion: 83 Resp: 214310

Ion Ratio Lower Upper

83 100

85 64.6 52.5 78.7

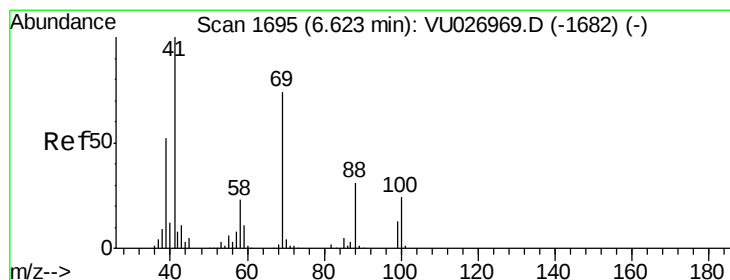
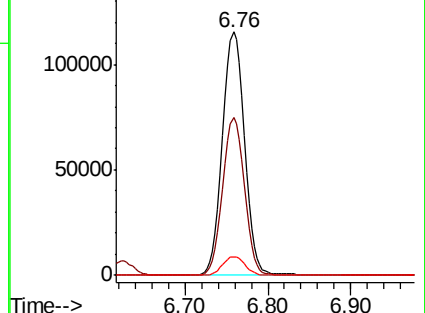
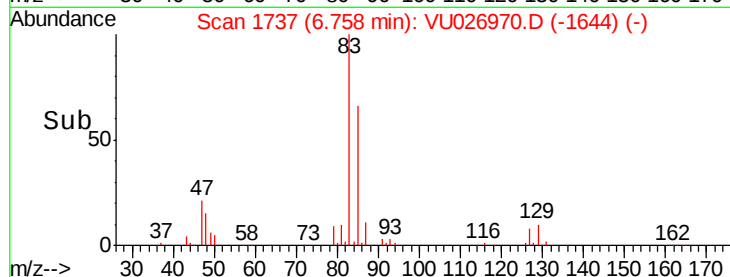
127 7.6 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU026970.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU026970.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU026970.D (-1644) (-)



#48

Methyl methacrylate

Concen: 138.403 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

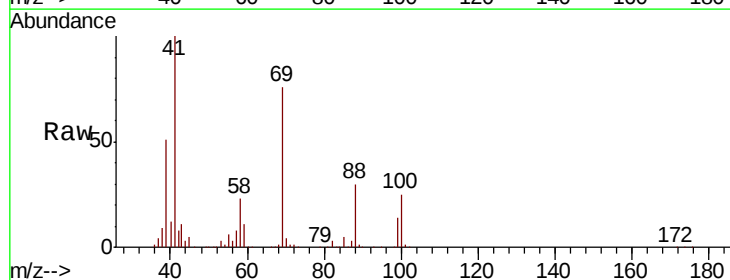
Tgt Ion: 41 Resp: 222353

Ion Ratio Lower Upper

41 100

69 76.5 60.6 90.8

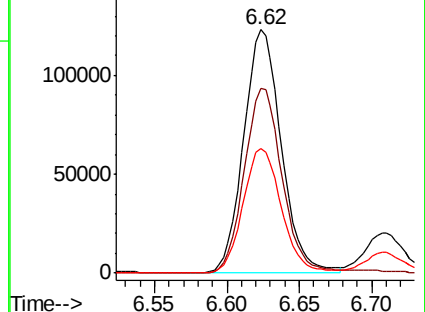
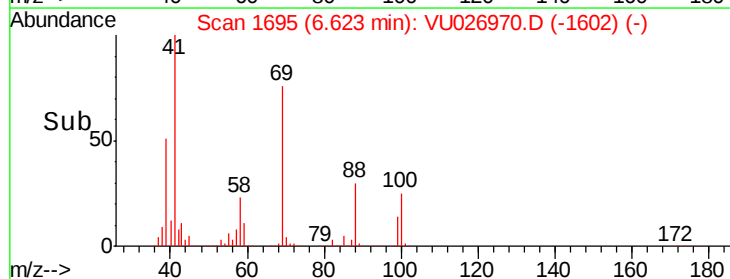
39 51.9 42.8 64.2

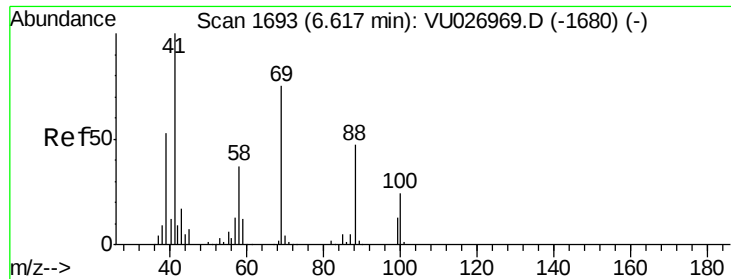


Abundance Ion 41.00 (40.70 to 41.70): VU026970.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU026970.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU026970.D (-1602) (-)

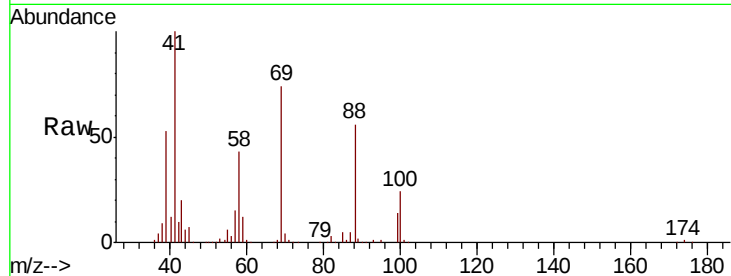




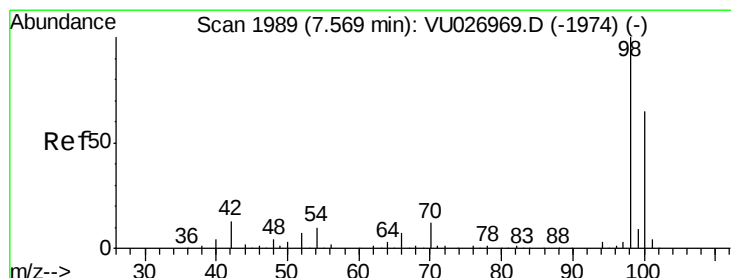
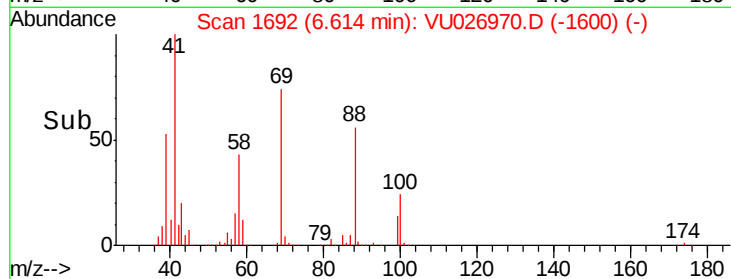
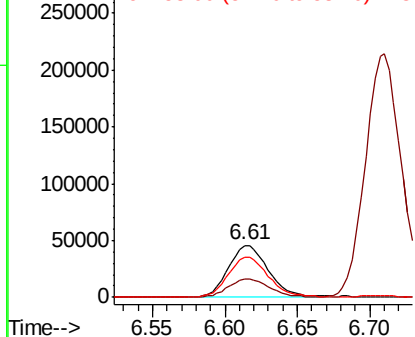
#49
1,4-Dioxane
Concen: 2416.681 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 87244
Ion Ratio Lower Upper
88 100
43 37.5 29.8 44.8
58 79.8 63.9 95.9

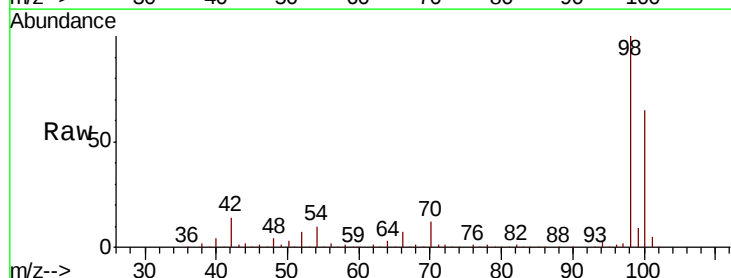


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

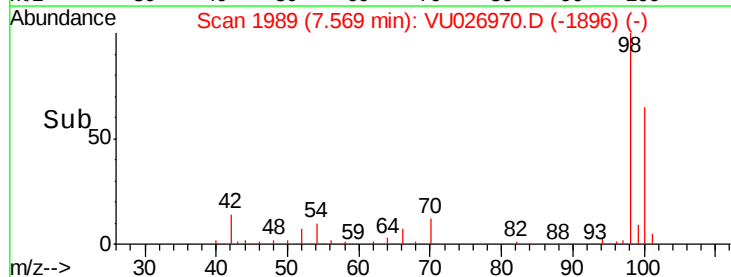
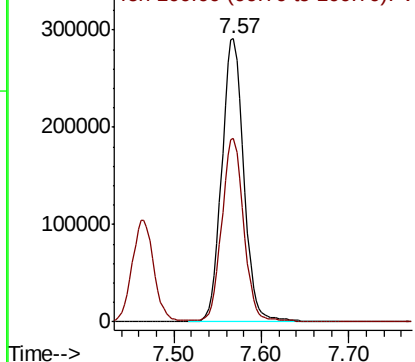


#50
Toluene-d8
Concen: 109.182 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Tgt Ion: 98 Resp: 508920
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

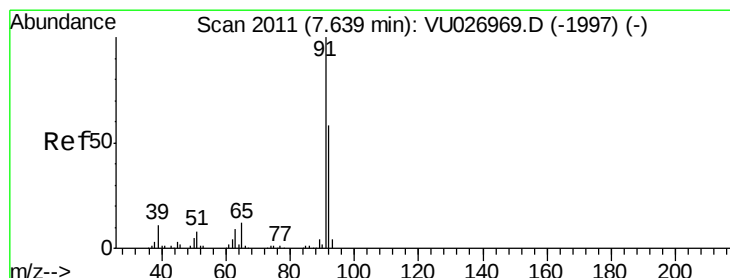
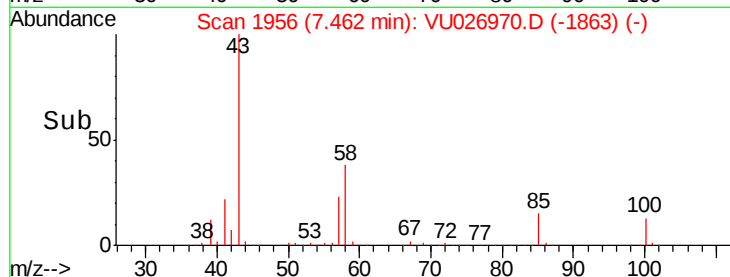
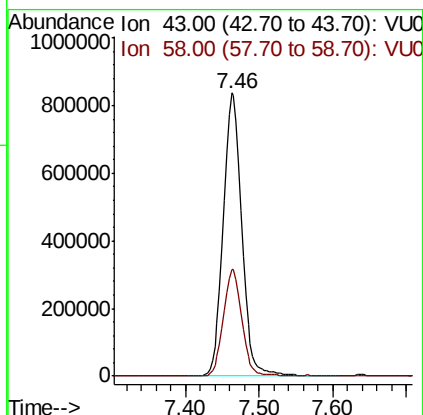
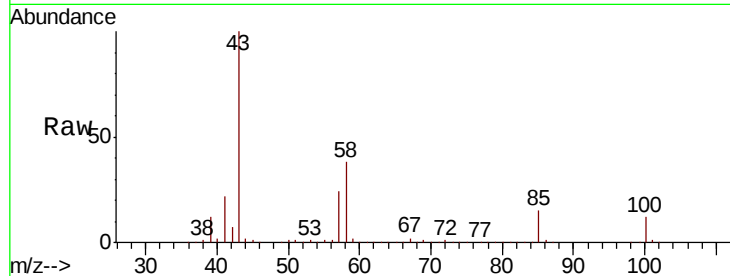




#51
 4-Methyl-2-Pentanone
 Concen: 672.066 ug/l
 RT: 7.46 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

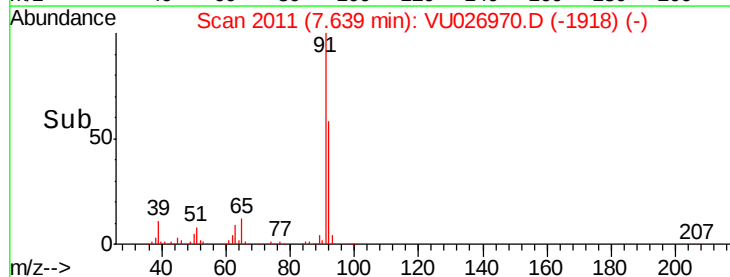
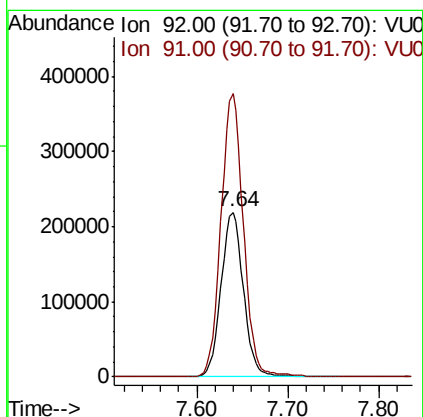
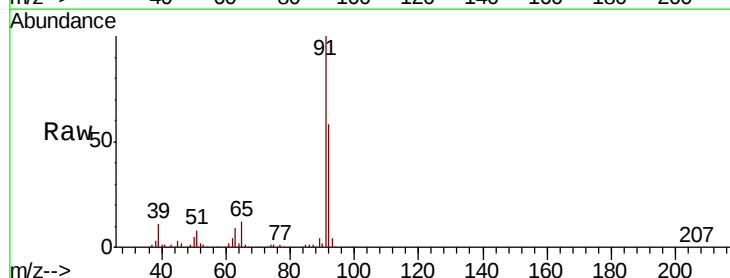
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

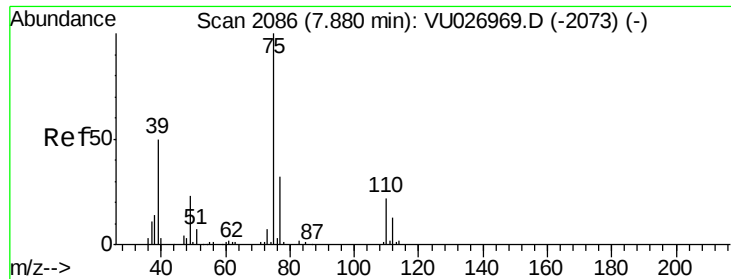
Tgt Ion: 43 Resp: 1469832
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.8 44.6



#52
 Toluene
 Concen: 116.753 ug/l
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion: 92 Resp: 374940
 Ion Ratio Lower Upper
 92 100
 91 172.2 136.4 204.6

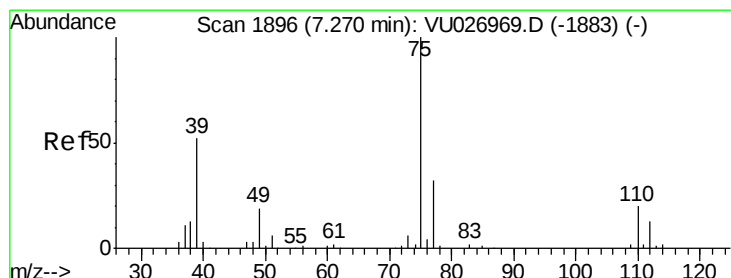
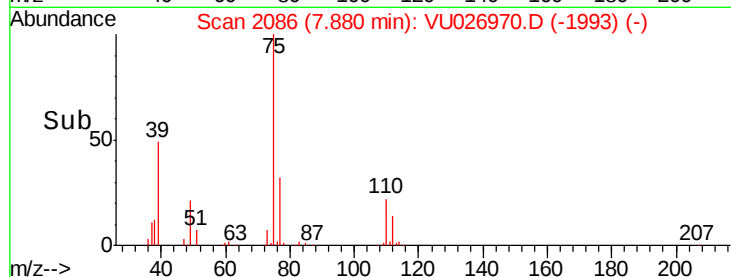
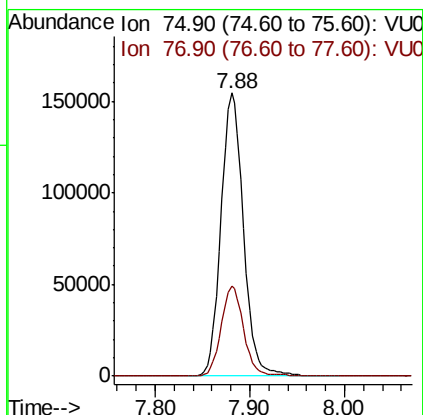
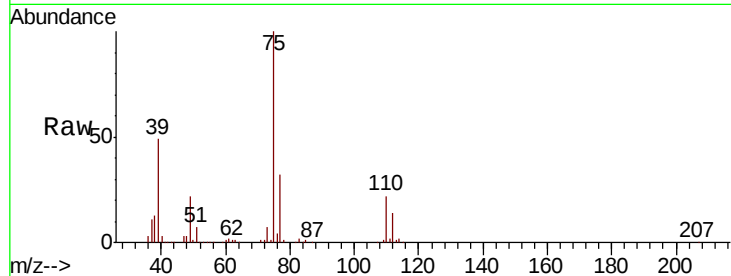




#53
 t-1,3-Dichloropropene
 Concen: 123.562 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

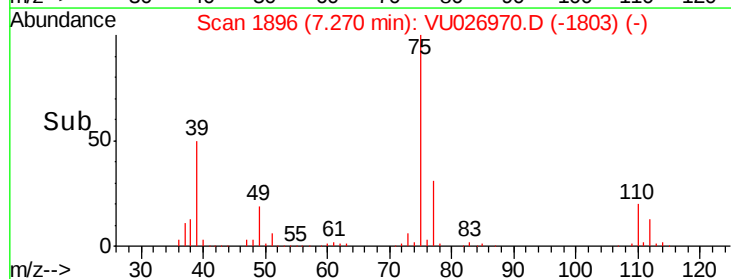
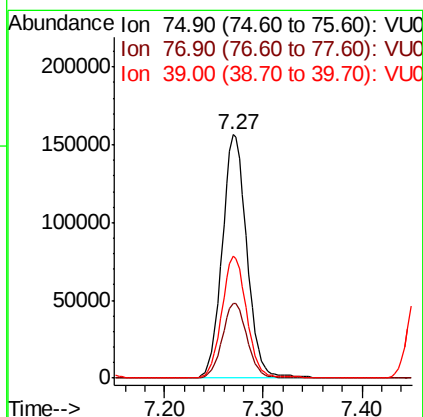
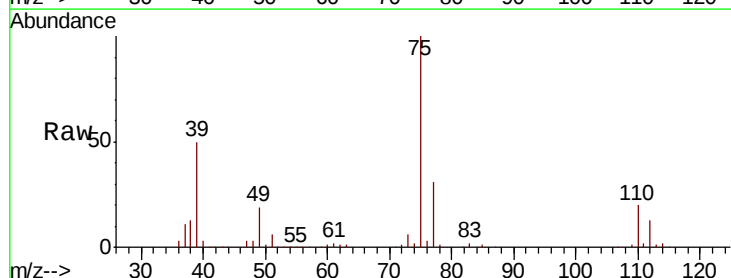
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

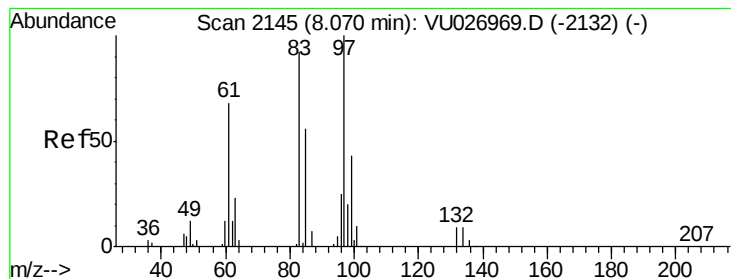
Tgt Ion: 75 Resp: 255366
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 122.752 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion: 75 Resp: 273512
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 49.9 41.6 62.4





#55

1,1,2-Trichloroethane

Concen: 111.226 ug/l

RT: 8.07 min Scan# 2145

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 151931

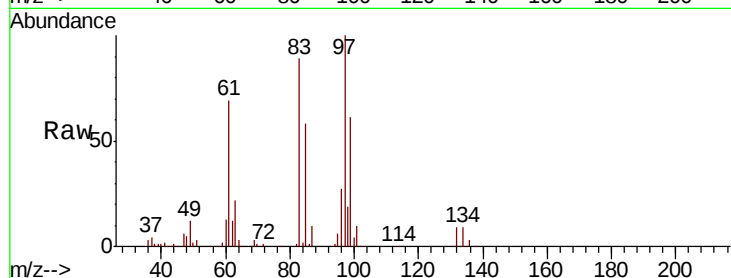
Ion Ratio Lower Upper

97 100

83 89.3 73.1 109.7

85 58.0 46.7 70.1

99 61.3 50.0 75.0

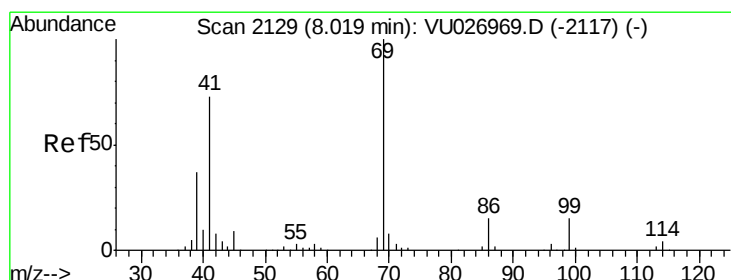
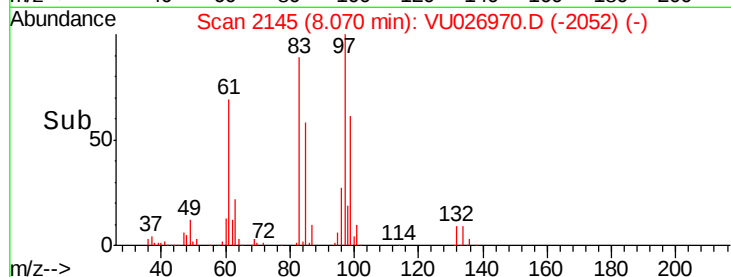
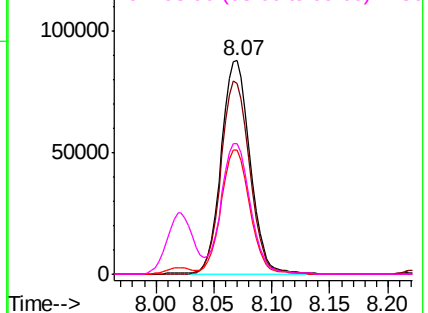


Abundance Ion 96.90 (96.60 to 97.60): VU0

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: 131.726 ug/l

RT: 8.02 min Scan# 2129

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

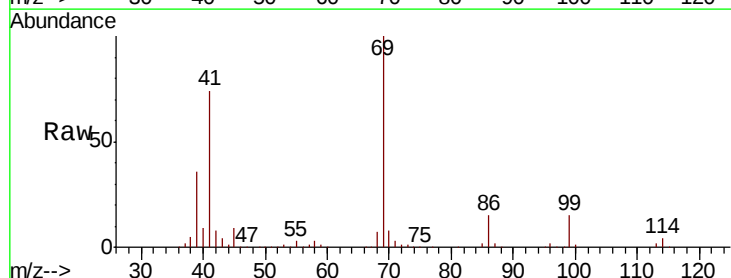
Tgt Ion: 69 Resp: 265128

Ion Ratio Lower Upper

69 100

41 73.5 59.0 88.4

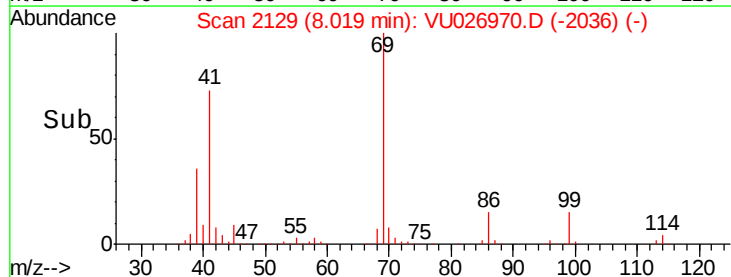
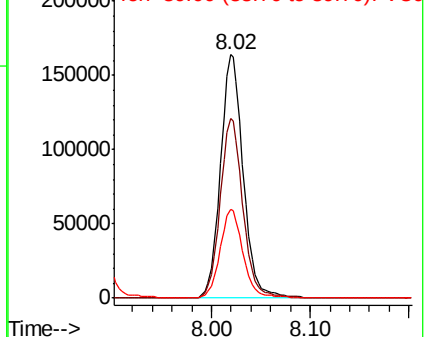
39 36.4 30.2 45.4

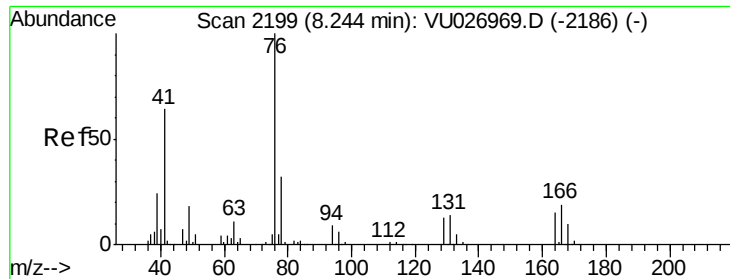


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

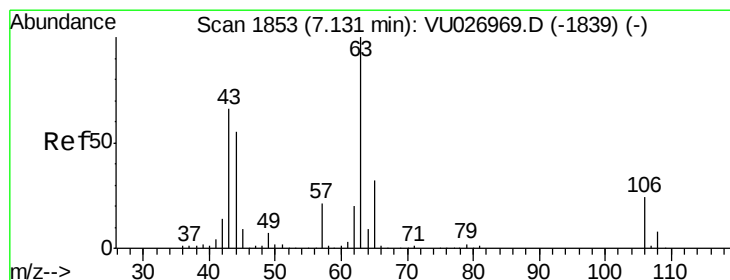
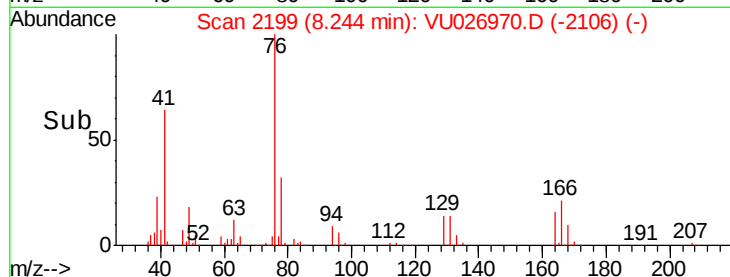
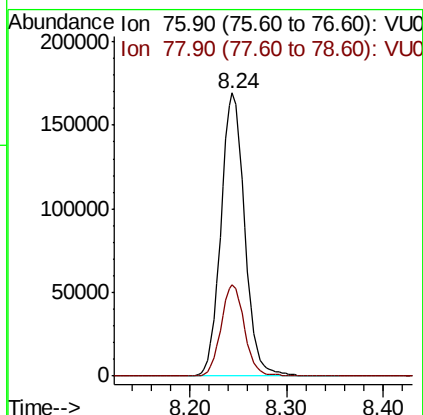
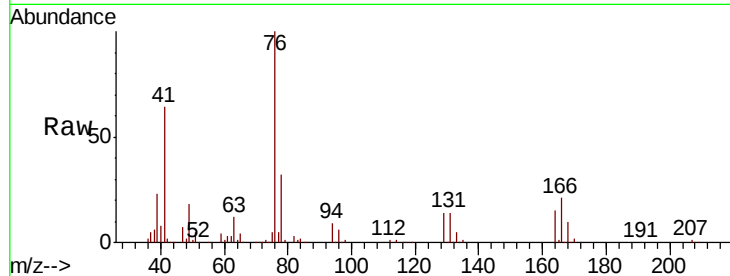




#57
 1,3-Dichloropropane
 Concen: 121.669 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

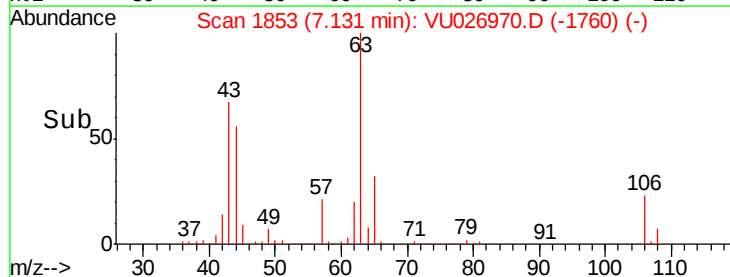
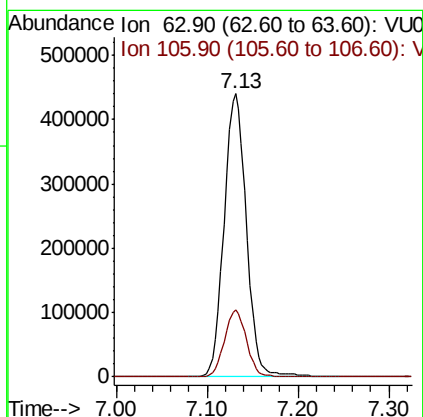
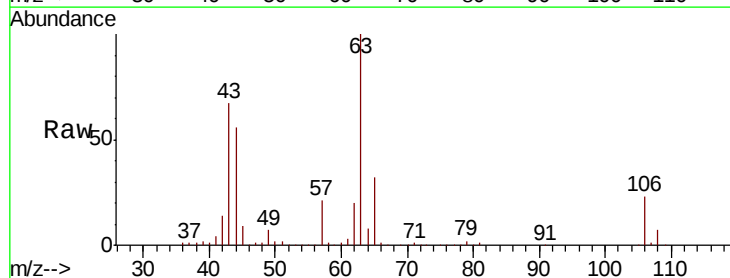
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion: 76 Resp: 288364
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 729.164 ug/l
 RT: 7.13 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion: 63 Resp: 752213
 Ion Ratio Lower Upper
 63 100
 106 23.5 18.7 28.1

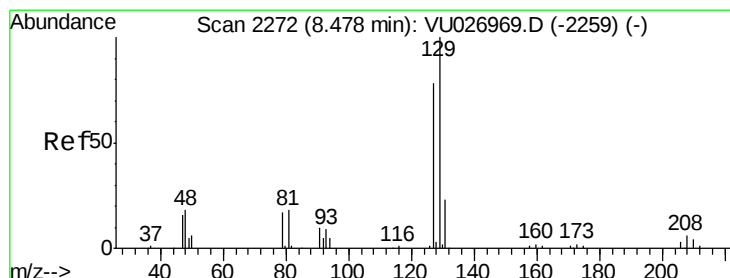
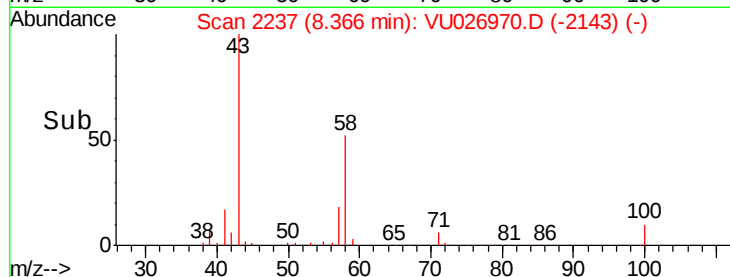
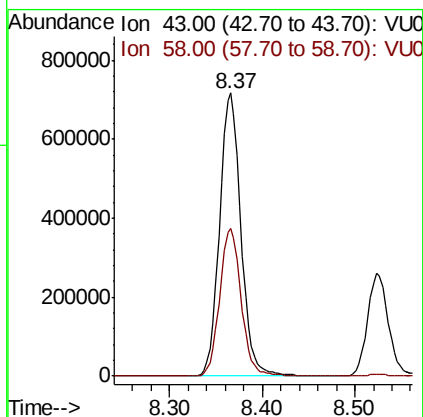
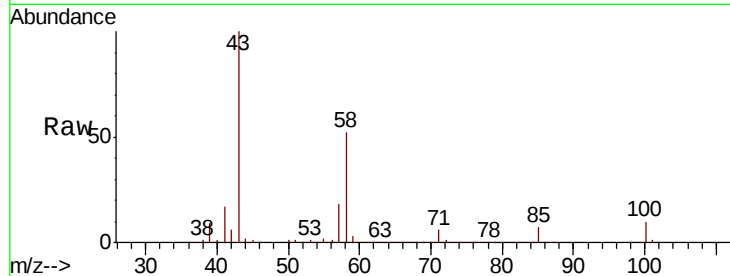




#59
2-Hexanone
Concen: 667.864 ug/l
RT: 8.37 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

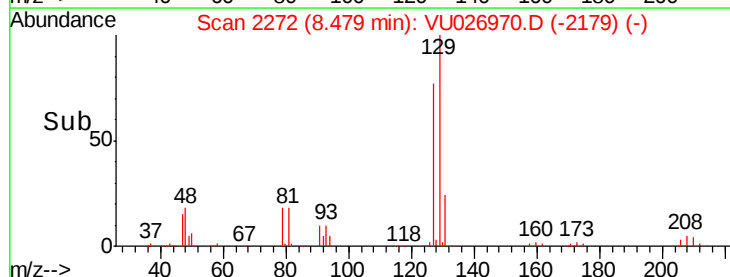
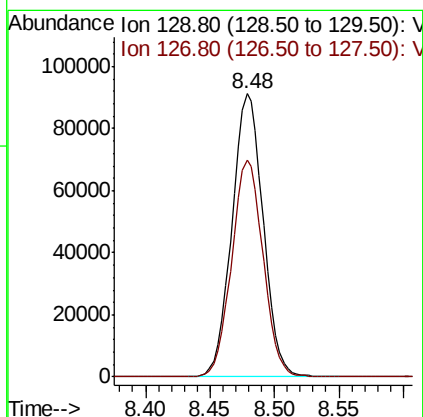
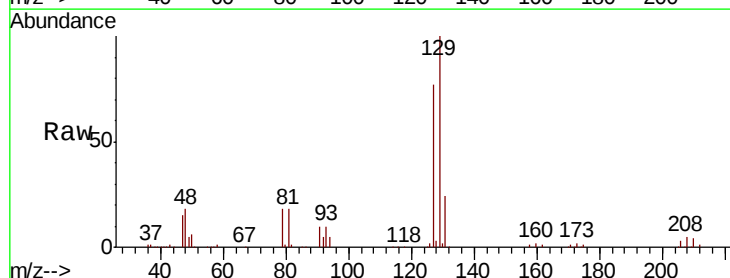
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

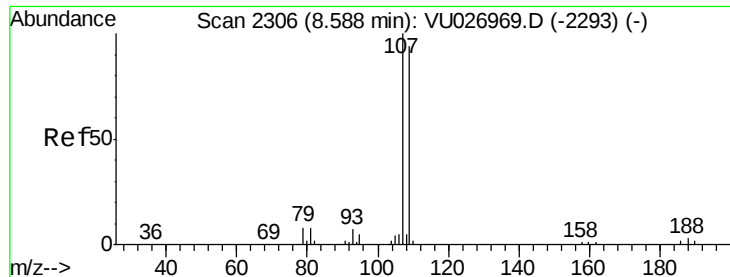
Tgt Ion: 43 Resp: 1143158
Ion Ratio Lower Upper
43 100
58 52.6 26.1 78.2



#60
Dibromochloromethane
Concen: 105.792 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Tgt Ion: 129 Resp: 153247
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5

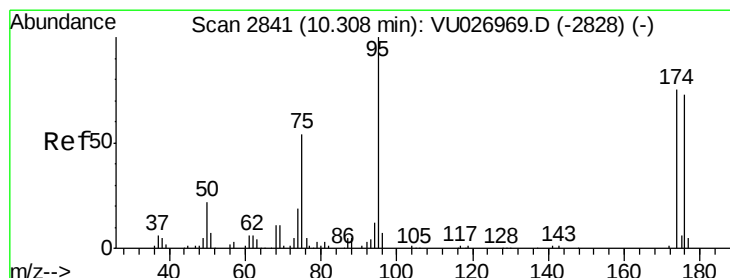
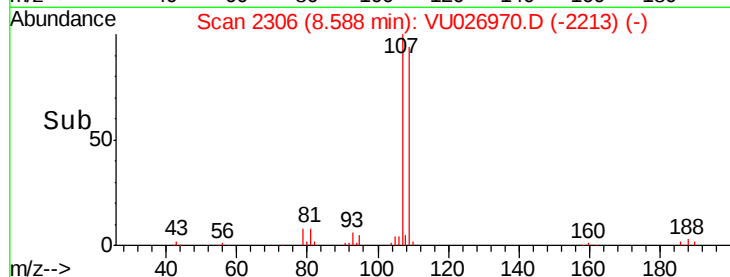
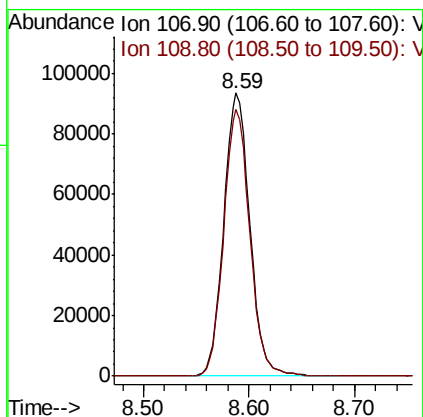
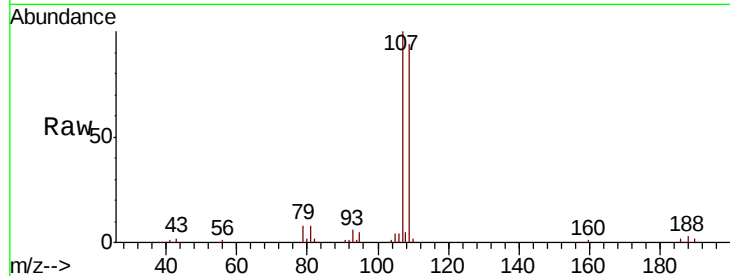




#61
 1,2-Dibromoethane
 Concen: 108.361 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

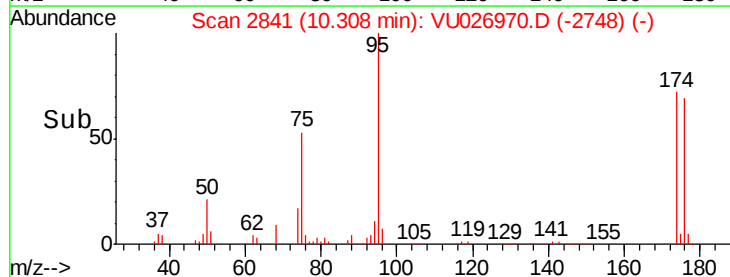
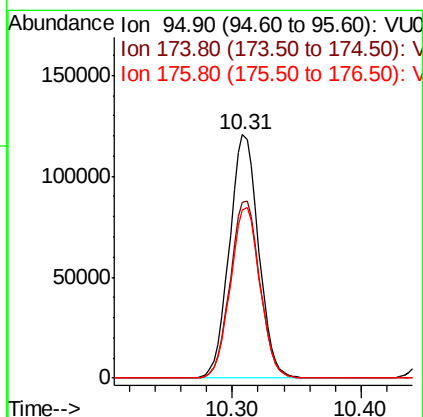
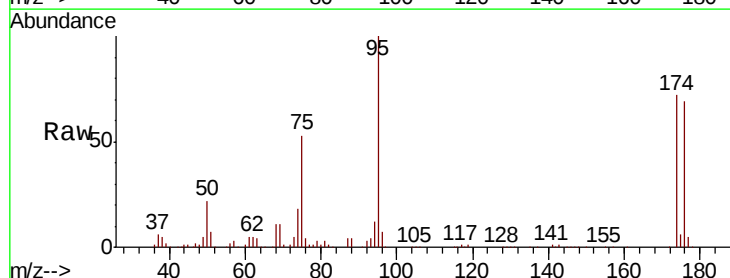
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

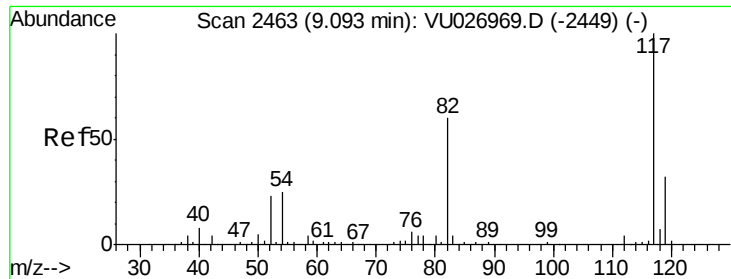
Tgt Ion: 107 Resp: 159942
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 113.114 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion: 95 Resp: 189060
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 150.2
 176 71.1 0.0 145.2

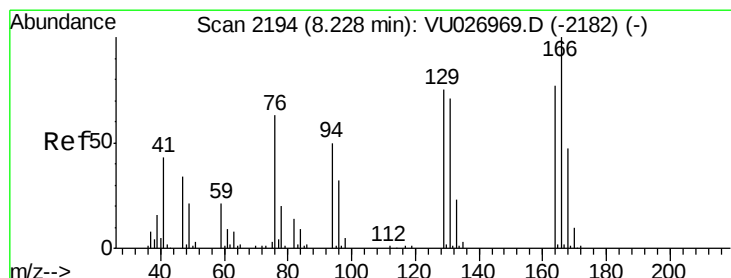
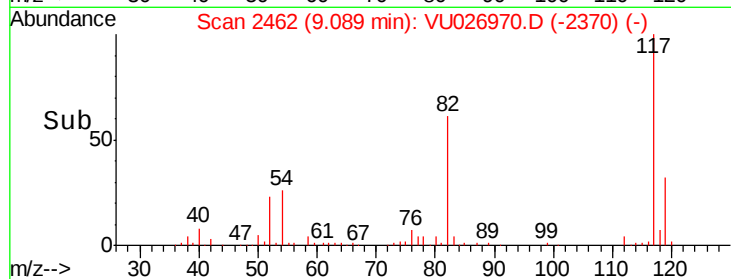
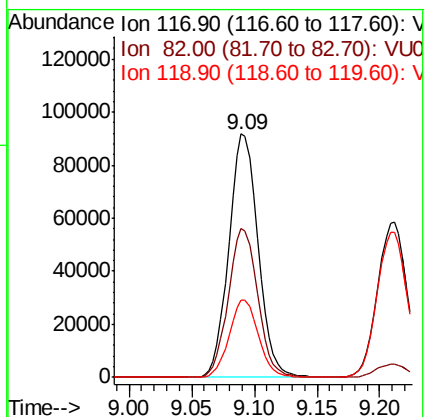
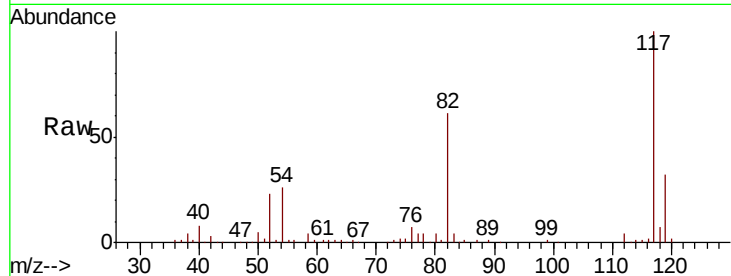




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

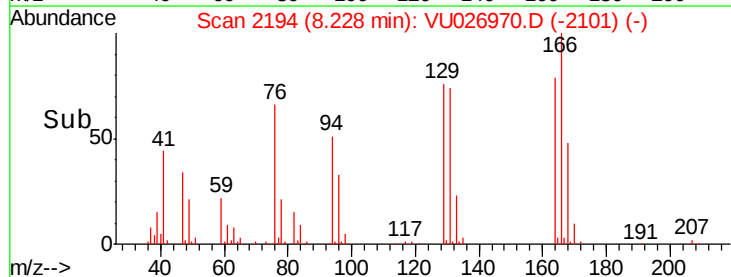
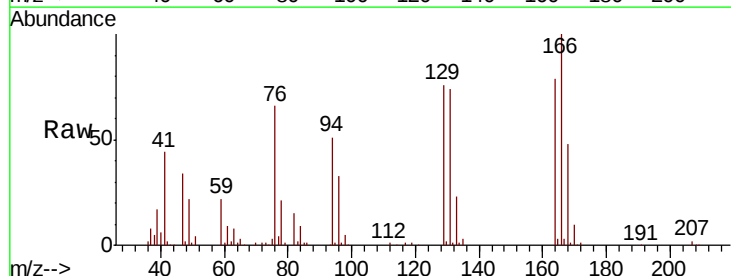
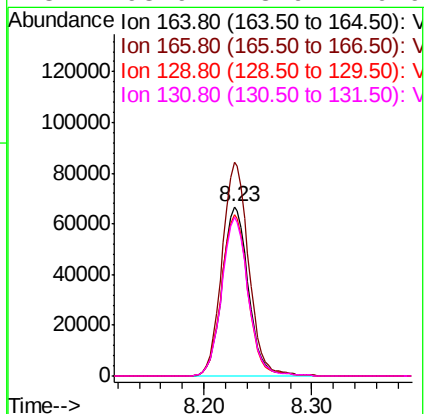
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

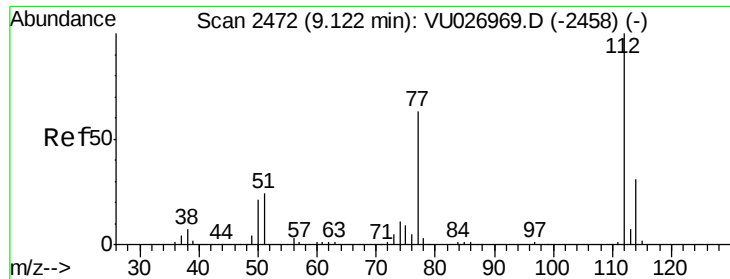
Tgt Ion:117 Resp: 149077
Ion Ratio Lower Upper
117 100
82 61.2 48.0 72.0
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 96.438 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Tgt Ion:164 Resp: 113023
Ion Ratio Lower Upper
164 100
166 126.3 104.4 156.6
129 95.4 78.7 118.1
131 93.9 73.9 110.9

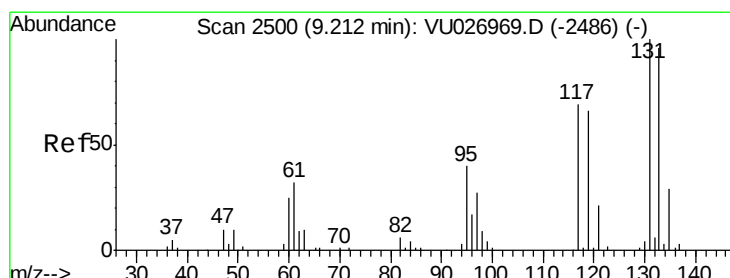
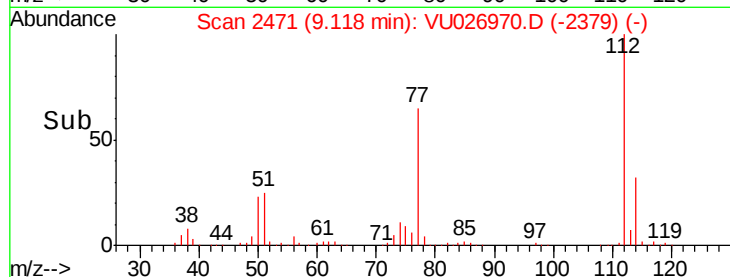
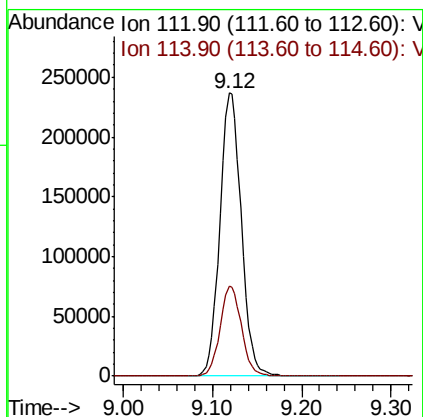
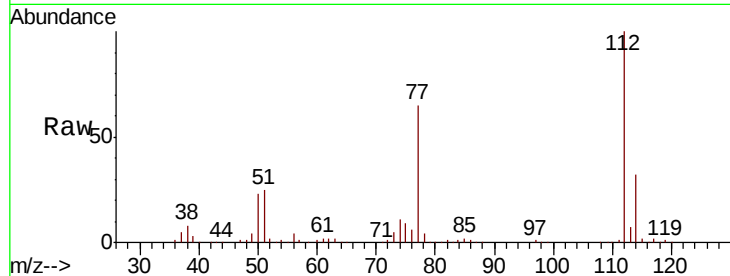




#65
Chlorobenzene
Concen: 106.082 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

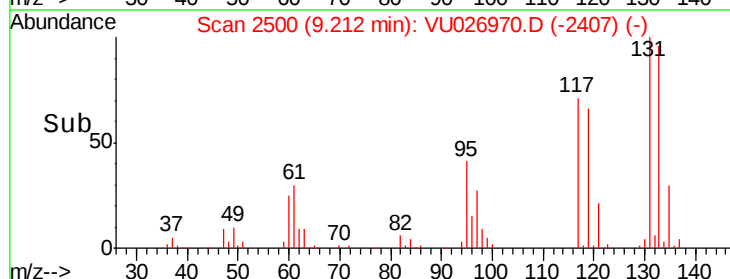
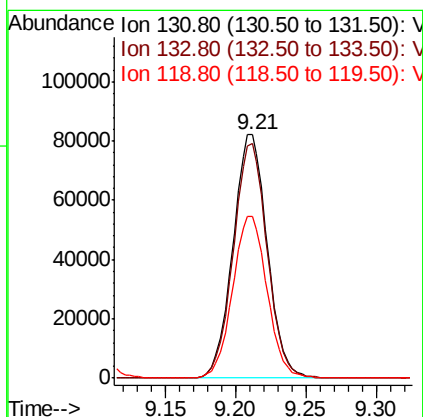
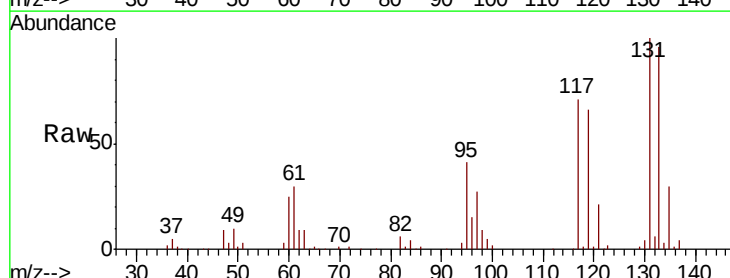
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

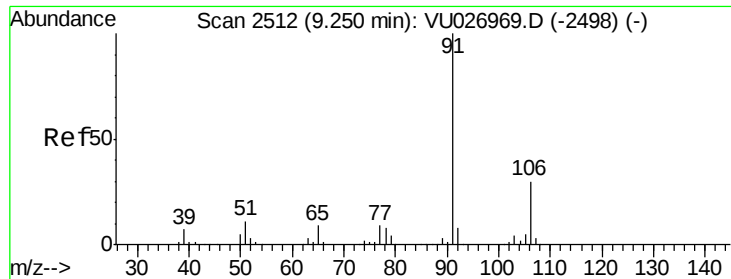
Tgt Ion:112 Resp: 393431
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 102.817 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Tgt Ion:131 Resp: 139708
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 66.9 33.4 100.1

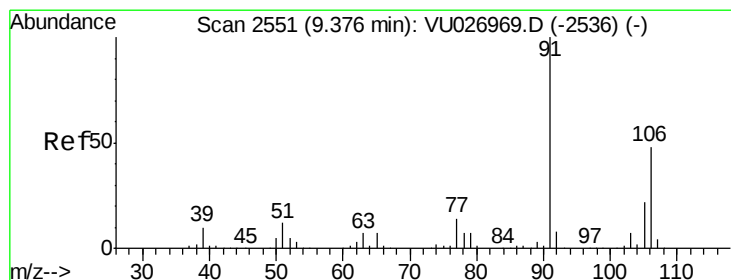
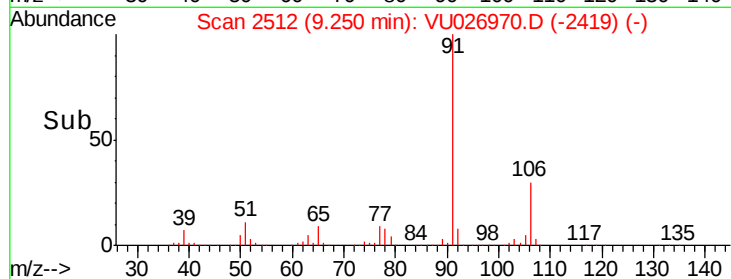
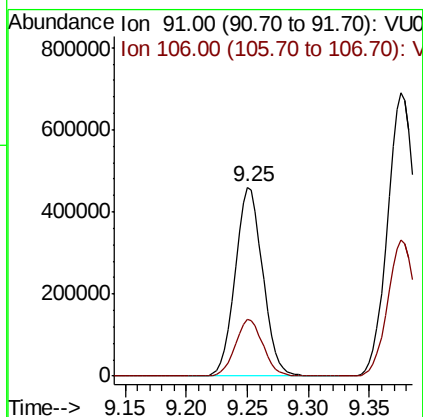
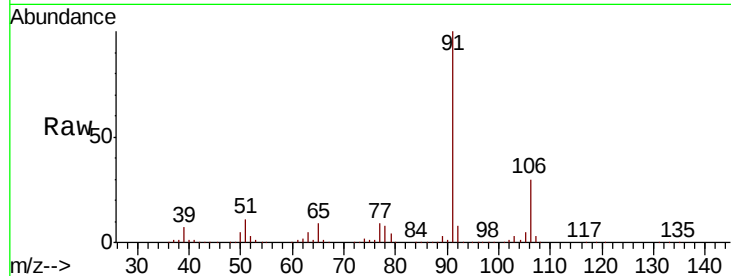




#67
Ethyl Benzene
Concen: 116.824 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

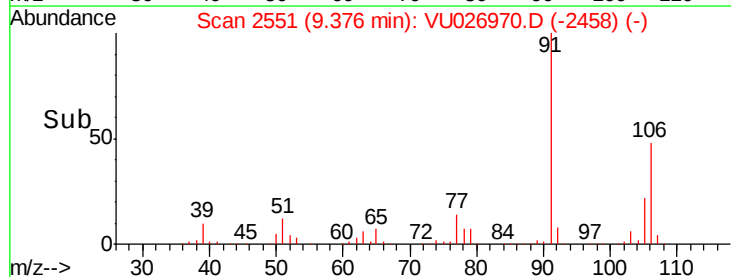
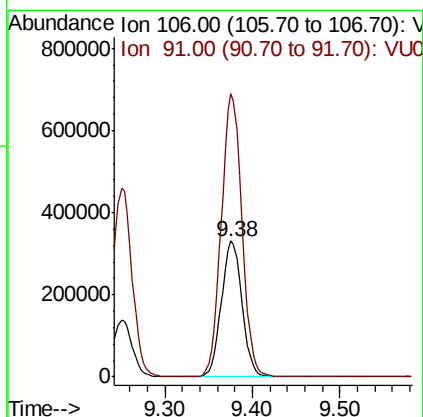
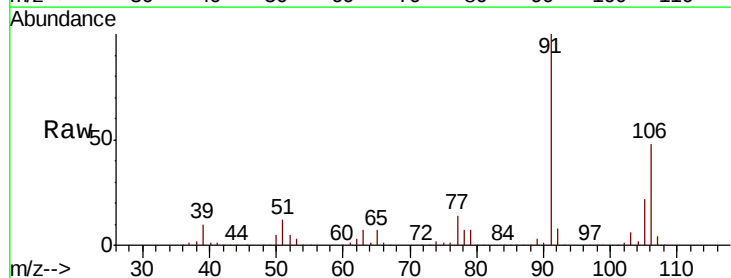
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 720829
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.8



#68
m/p-Xylenes
Concen: 232.139 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Tgt Ion: 106 Resp: 541627
Ion Ratio Lower Upper
106 100
91 208.0 166.5 249.7

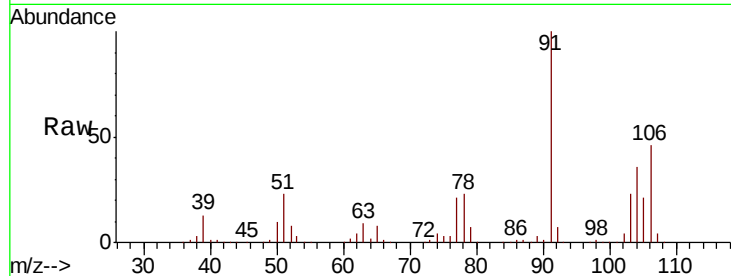




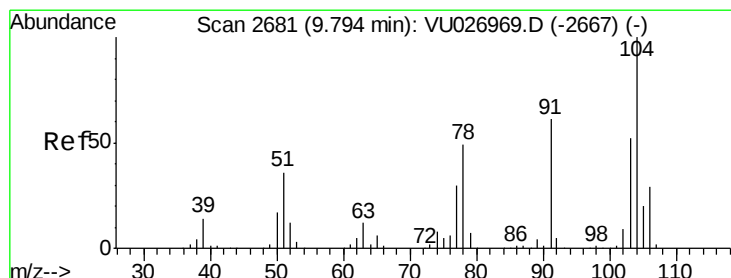
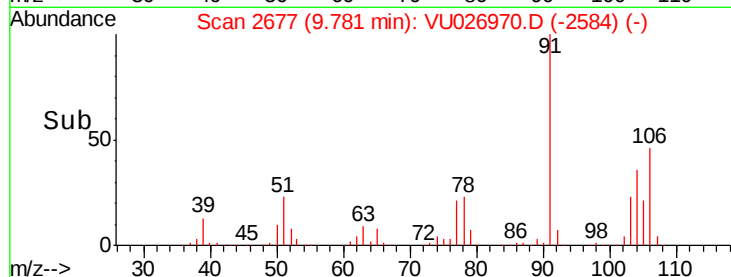
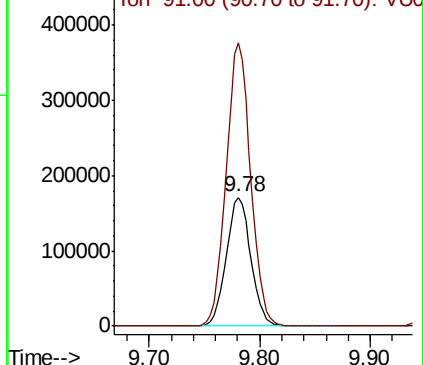
#69
o-Xylene
Concen: 116.392 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 263394
Ion Ratio Lower Upper
106 100
91 219.8 110.2 330.6

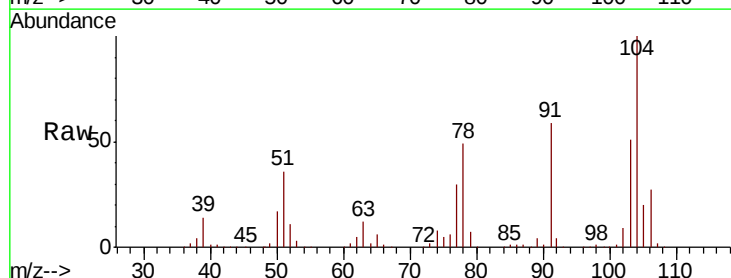


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

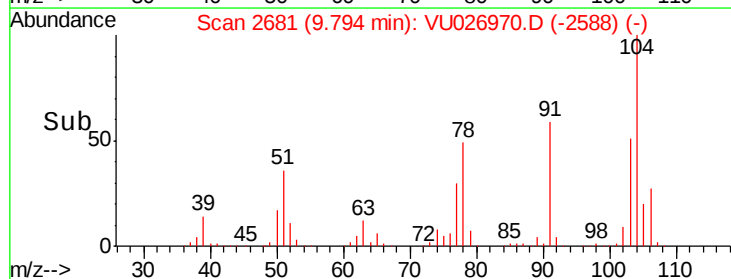
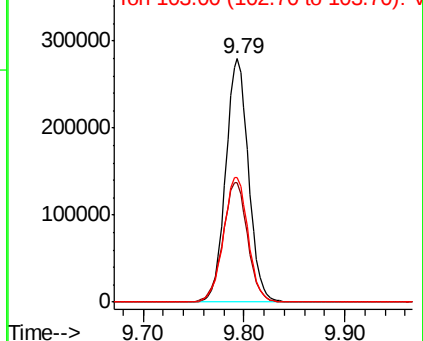


#70
Styrene
Concen: 119.300 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Tgt Ion:104 Resp: 442514
Ion Ratio Lower Upper
104 100
78 53.4 43.0 64.4
103 55.2 44.1 66.1



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

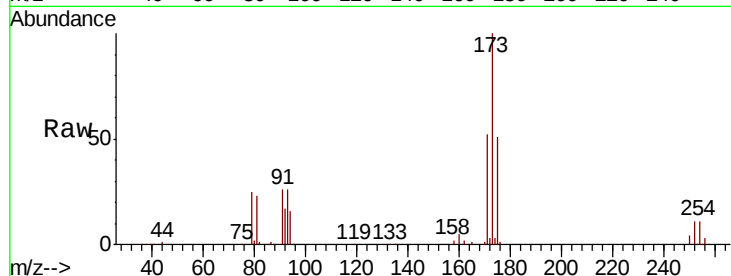




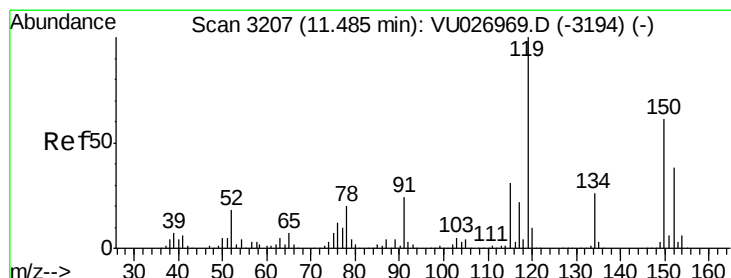
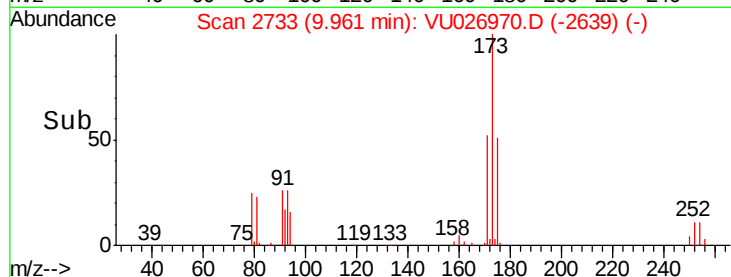
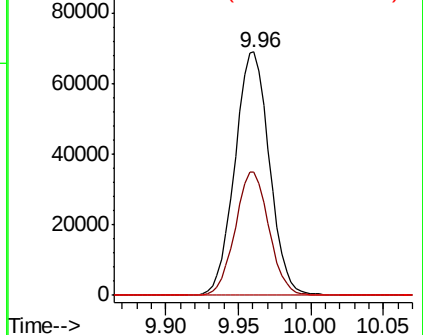
#71
Bromoform
Concen: 98.556 ug/l
RT: 9.96 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:173 Resp: 113994
Ion Ratio Lower Upper
173 100
175 49.5 23.9 71.8
254 0.0 0.0 0.0#

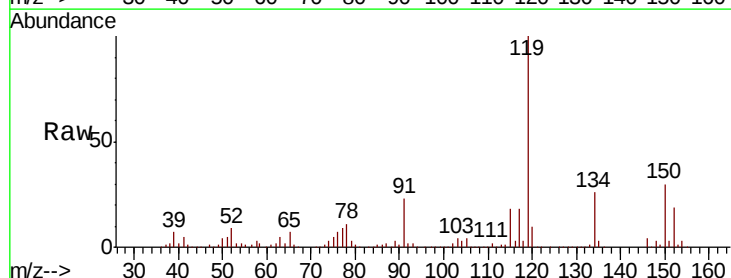


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

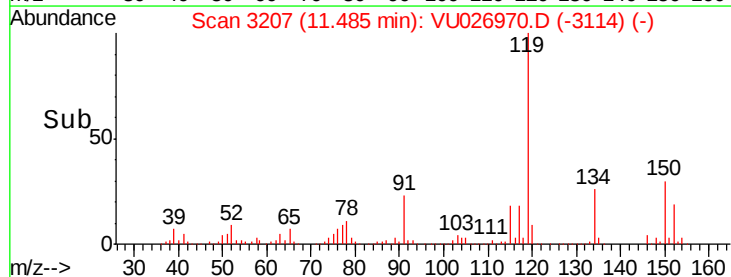
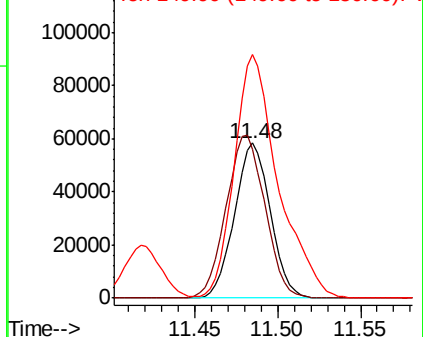


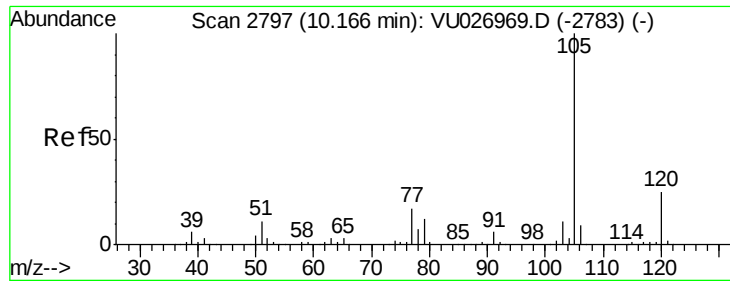
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Tgt Ion:152 Resp: 87560
Ion Ratio Lower Upper
152 100
115 114.4 44.9 134.5
150 192.7 0.0 355.8



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: 116.063 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

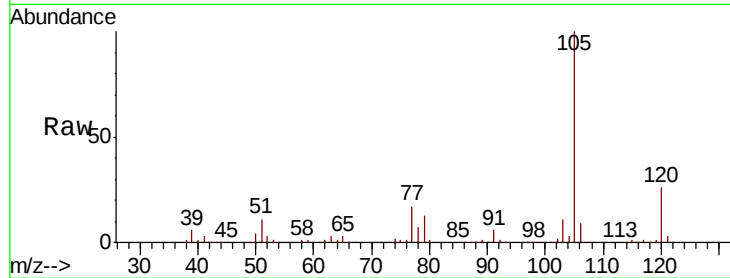
VSTDIC100

Tgt Ion: 105 Resp: 709445

Ion Ratio Lower Upper

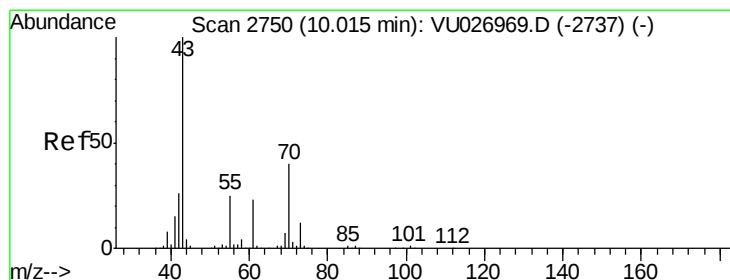
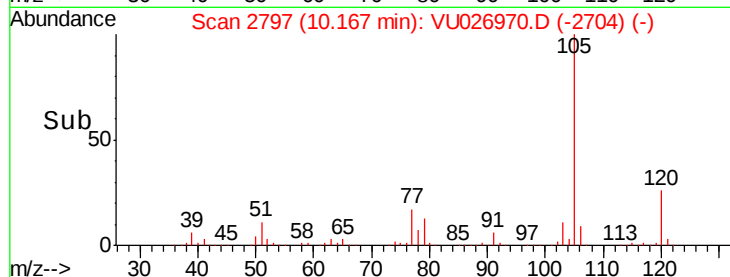
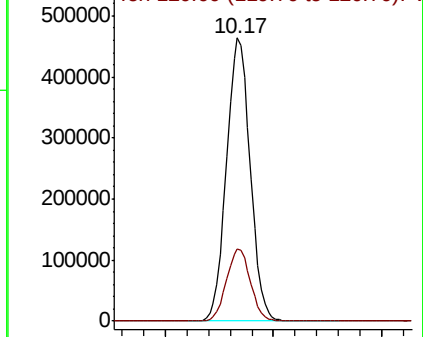
105 100

120 25.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 138.698 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Tgt Ion: 43 Resp: 413444

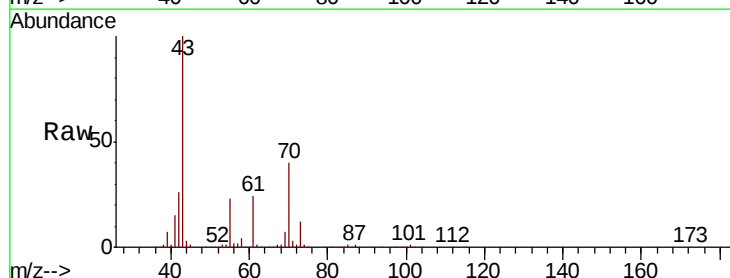
Ion Ratio Lower Upper

43 100

70 39.7 31.8 47.8

55 23.9 19.9 29.9

61 23.6 18.4 27.6

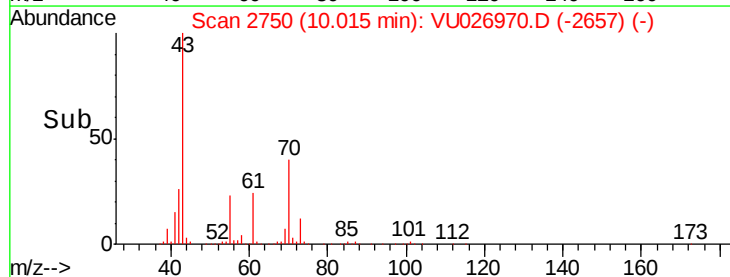
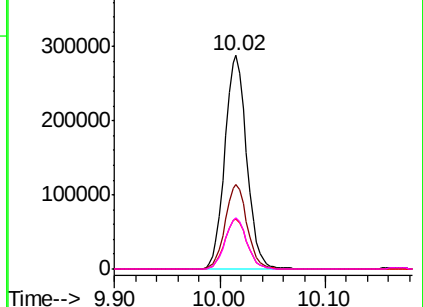


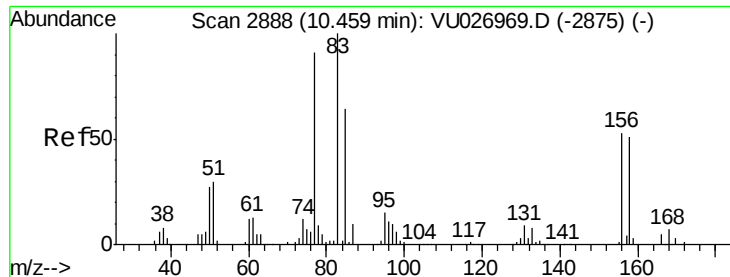
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 110.276 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

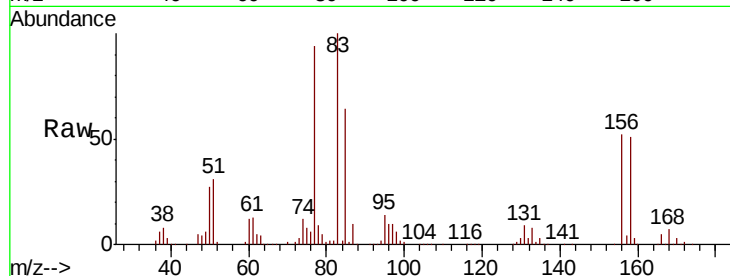
Tgt Ion: 83 Resp: 277846

Ion Ratio Lower Upper

83 100

131 8.5 4.3 12.8

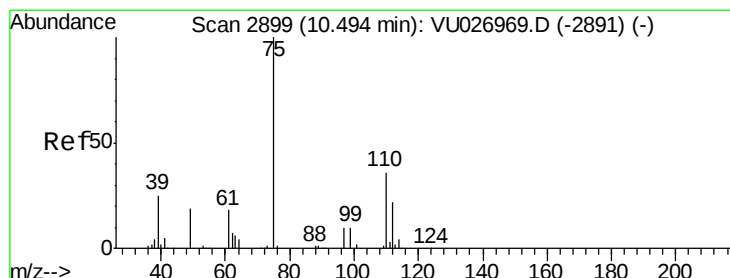
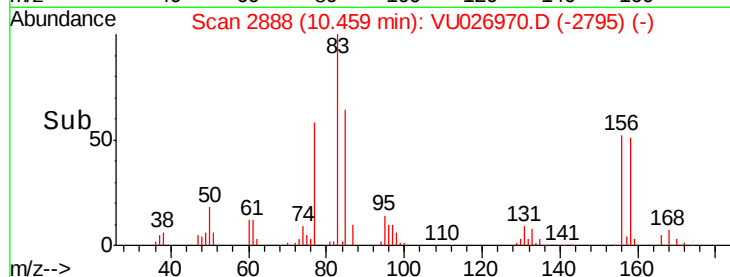
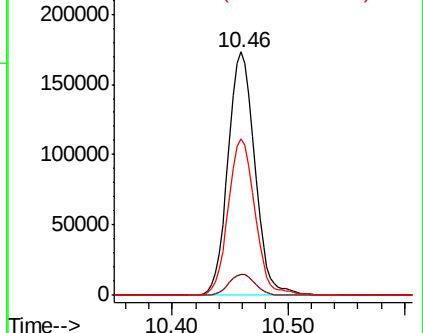
85 64.1 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU026970.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU026970.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU026970.D (-2875) (-)



#76

1,2,3-Trichloropropane

Concen: 165.888 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU026970.D

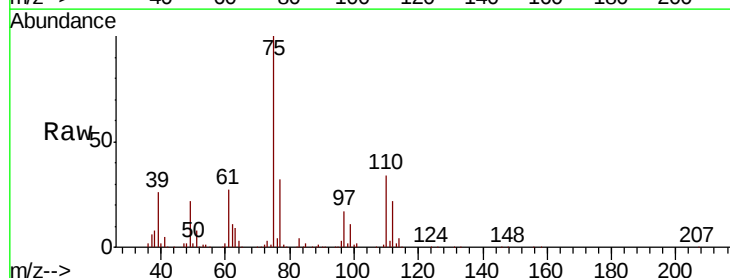
Acq: 21 Sep 2018 16:01

Tgt Ion: 75 Resp: 340077

Ion Ratio Lower Upper

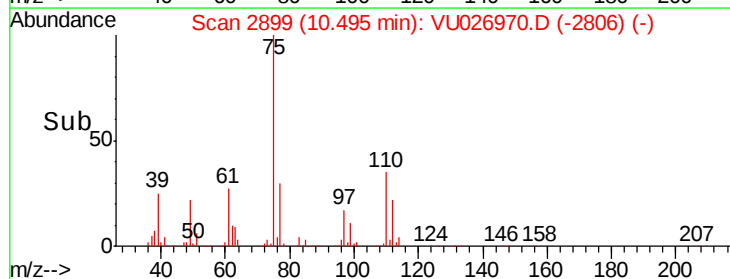
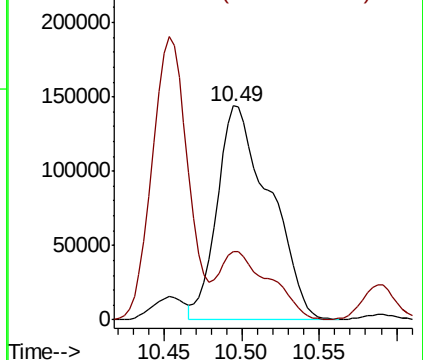
75 100

77 29.6 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU026970.D (-2891) (-)

Ion 77.00 (76.70 to 77.70): VU026970.D (-2891) (-)





#77

Bromobenzene

Concen: 98.891 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

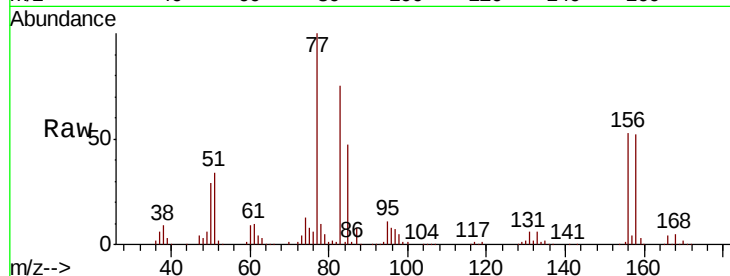
Tgt Ion:156 Resp: 160985

Ion Ratio Lower Upper

156 100

77 189.9 92.3 276.9

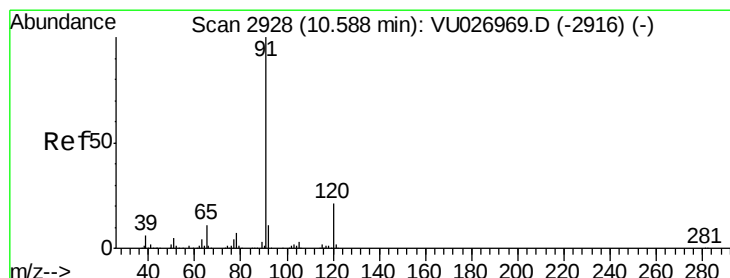
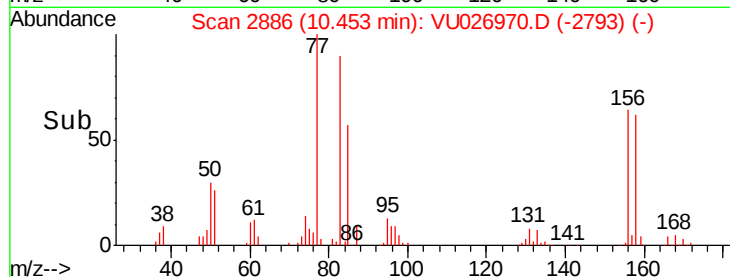
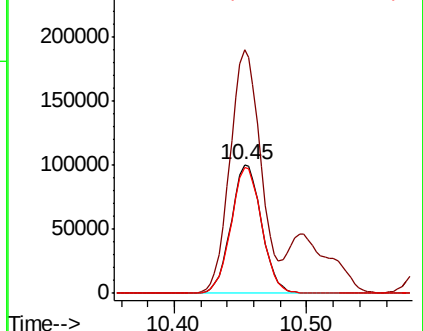
158 98.0 48.1 144.3



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: 122.040 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU026970.D

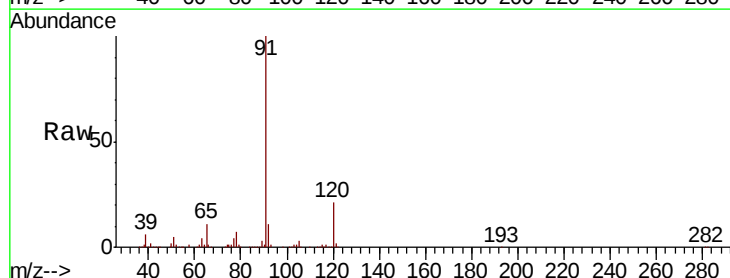
Acq: 21 Sep 2018 16:01

Tgt Ion: 91 Resp: 872680

Ion Ratio Lower Upper

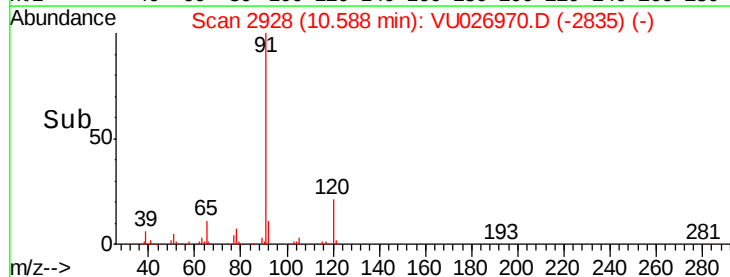
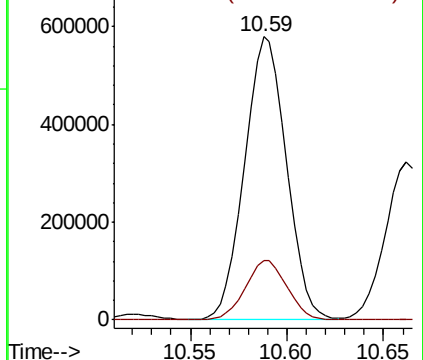
91 100

120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

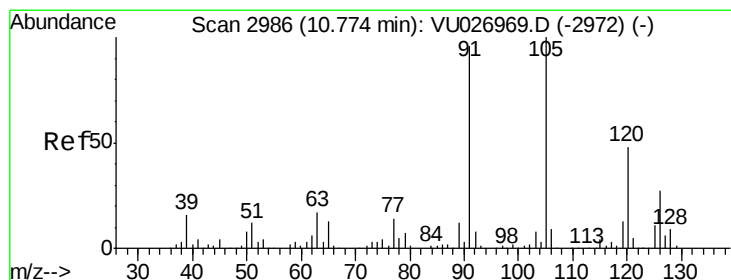
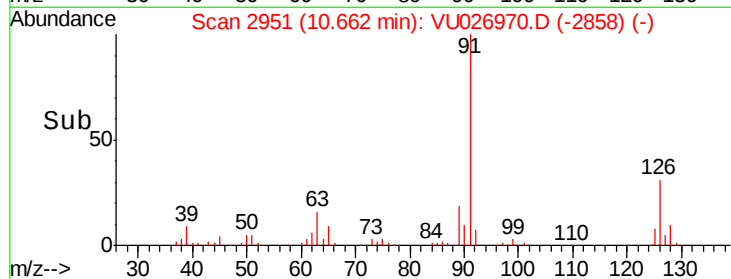
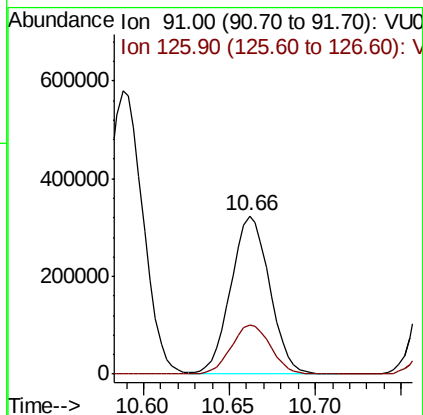
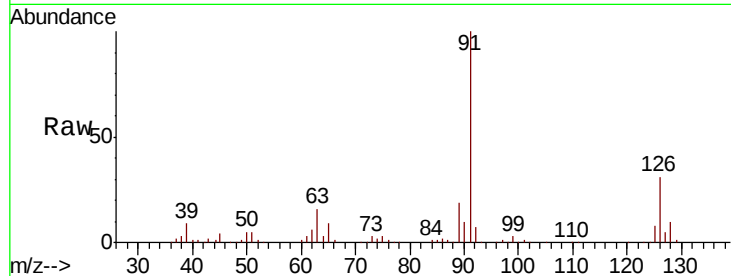




#79
 2-Chlorotoluene
 Concen: 114.218 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

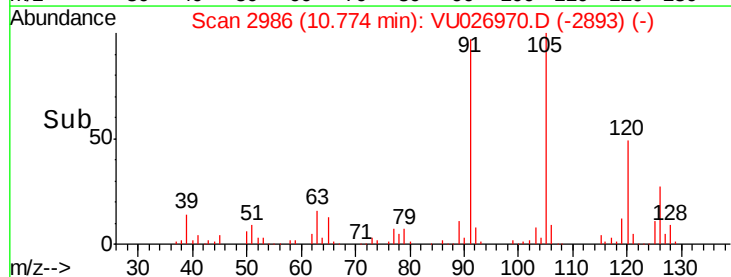
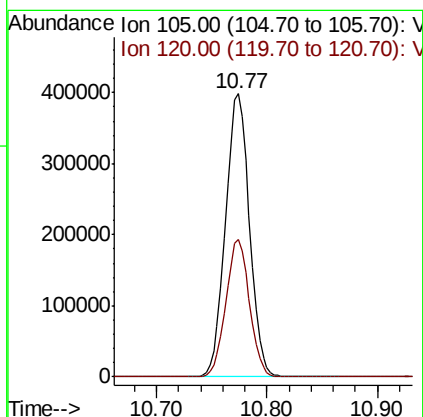
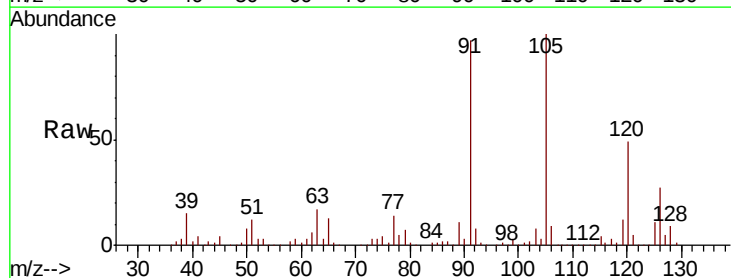
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

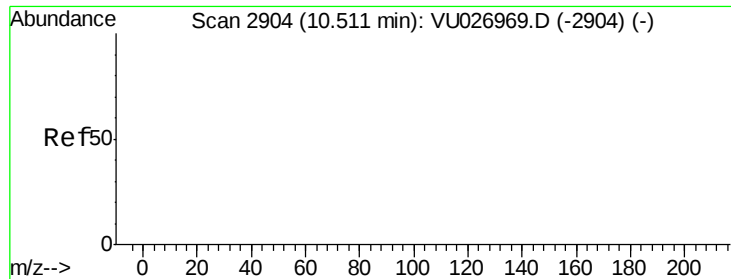
Tgt Ion: 91 Resp: 505371
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 117.207 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion: 105 Resp: 601070
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 484.808 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

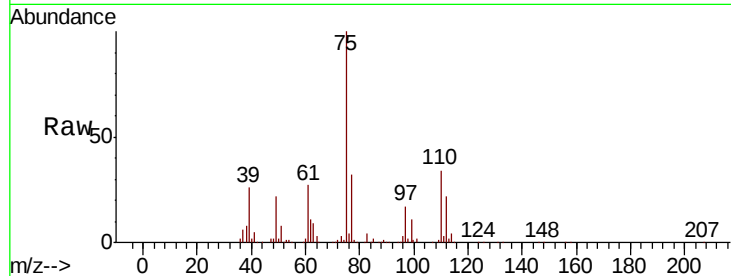
Tgt Ion: 75 Resp: 340077

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

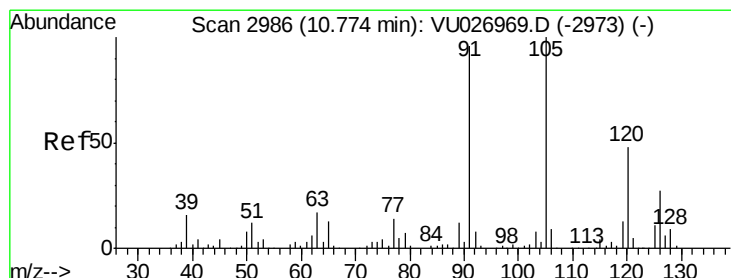
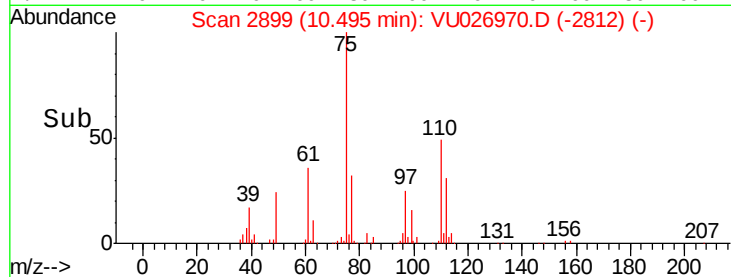
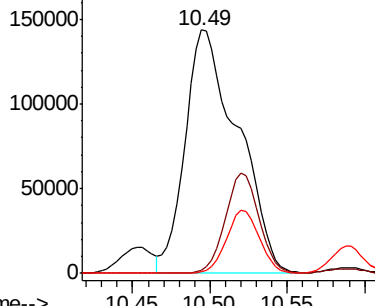
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 118.973 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026970.D

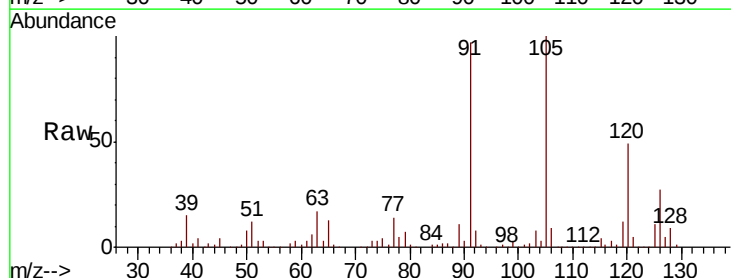
Acq: 21 Sep 2018 16:01

Tgt Ion: 91 Resp: 591209

Ion Ratio Lower Upper

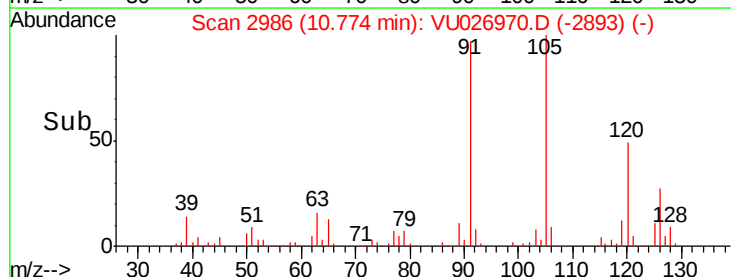
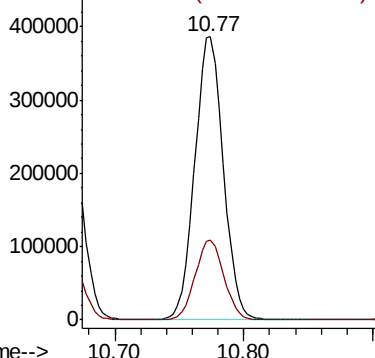
91 100

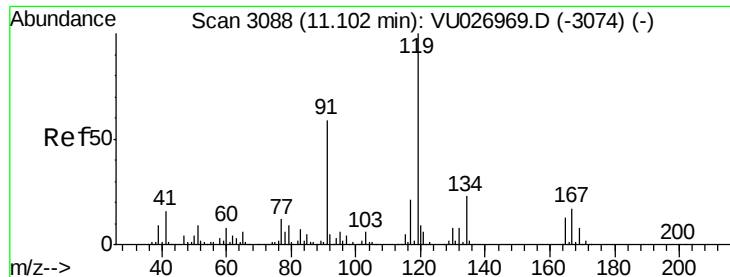
126 28.3 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

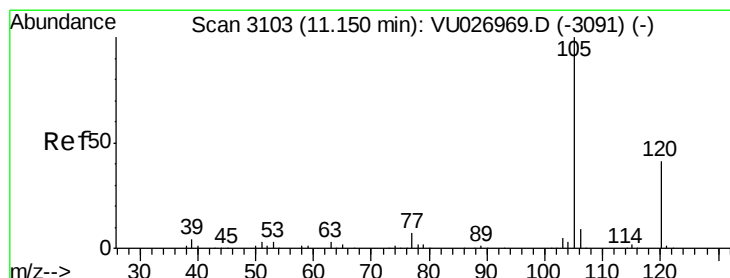
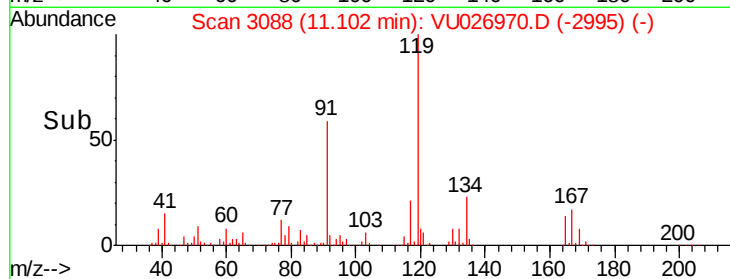
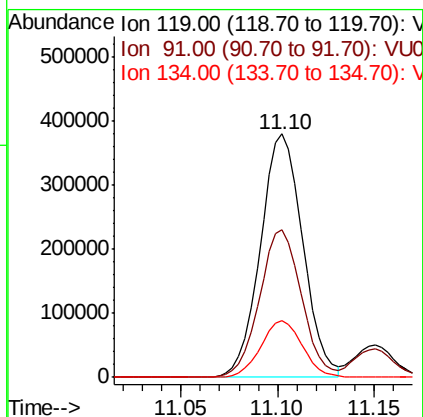
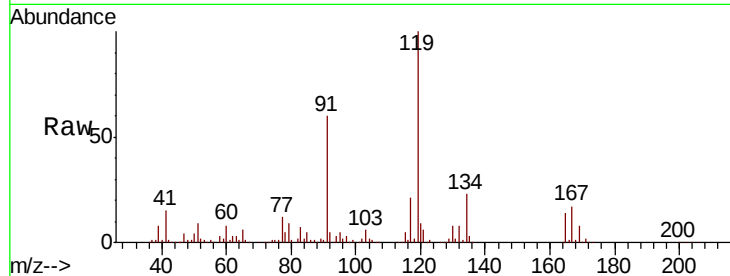




#83
 tert-Butylbenzene
 Concen: 111.953 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

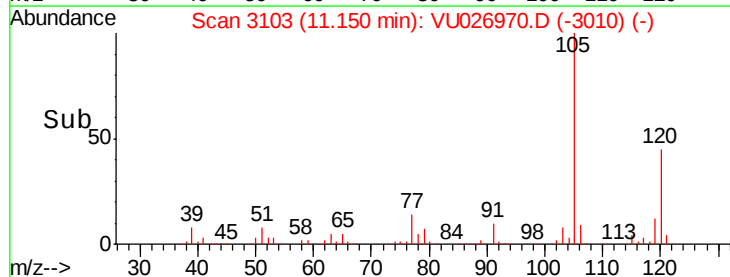
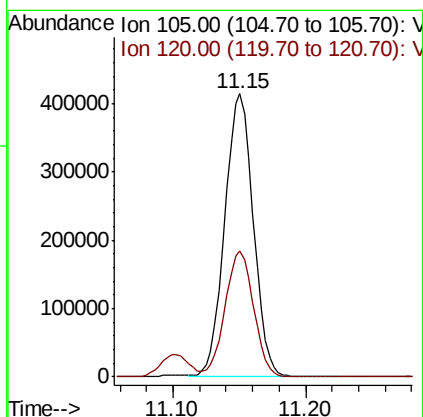
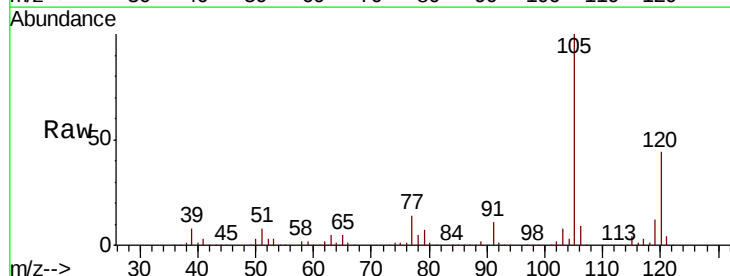
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 577312
 Ion Ratio Lower Upper
 119 100
 91 60.0 29.8 89.4
 134 23.0 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 119.487 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion:105 Resp: 619271
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.2





#85

sec-Butylbenzene

Concen: 119.846 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

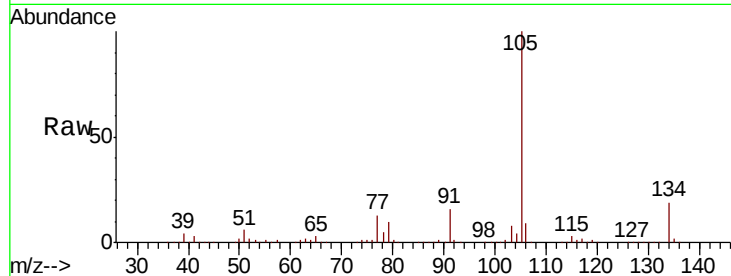
VSTDIC100

Tgt Ion:105 Resp: 739542

Ion Ratio Lower Upper

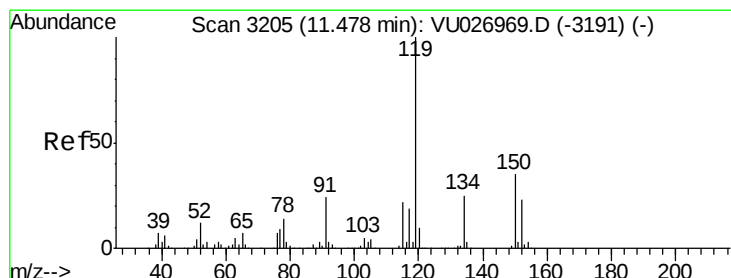
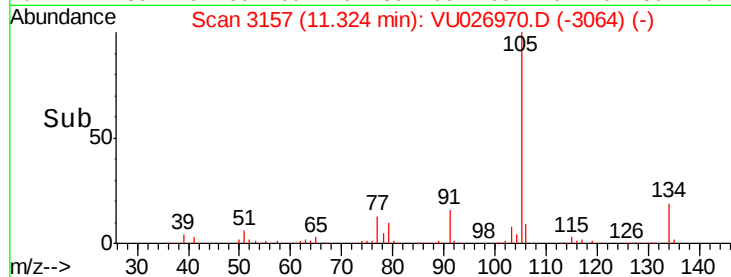
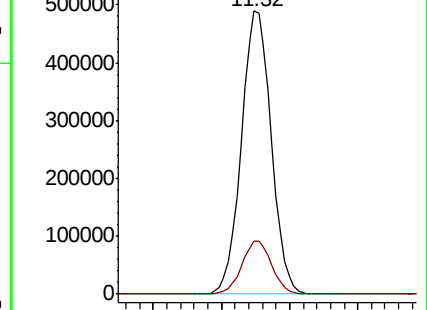
105 100

134 18.7 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 118.928 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU026970.D

Acq: 21 Sep 2018 16:01

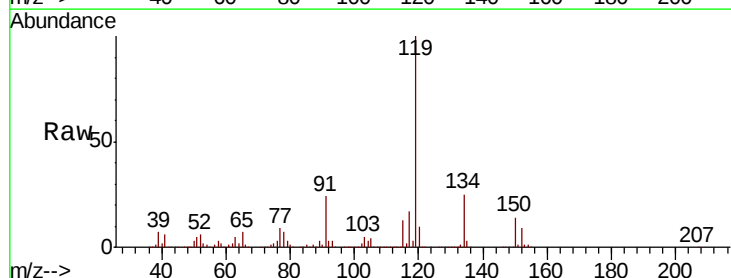
Tgt Ion:119 Resp: 636220

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.3

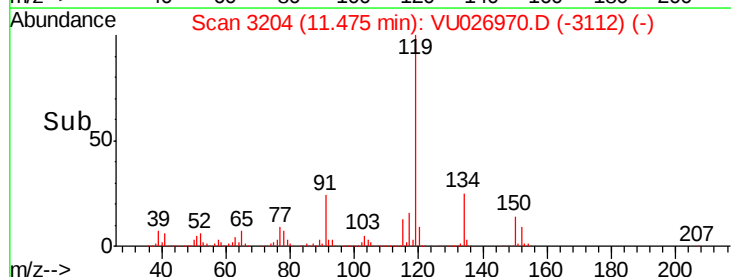
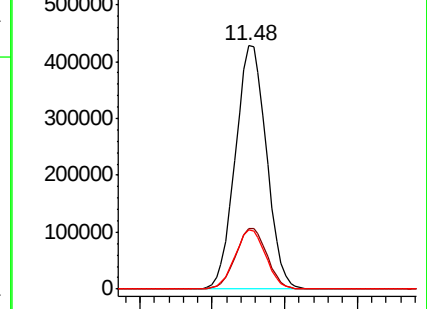
91 24.3 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

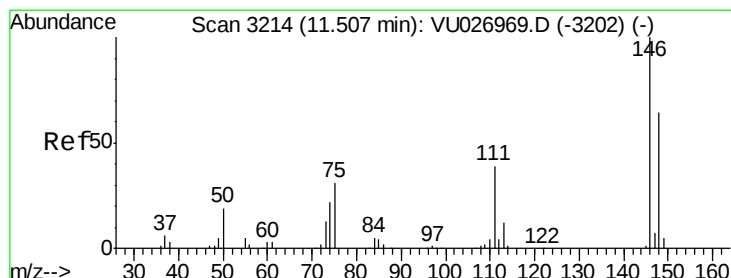
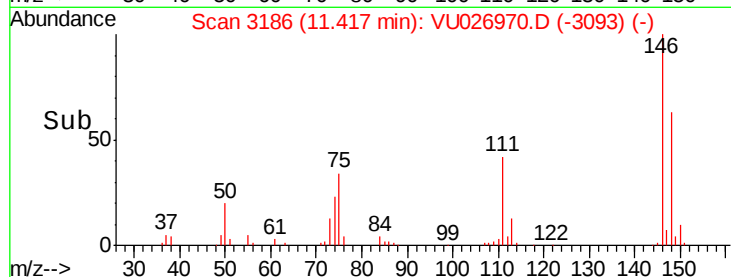
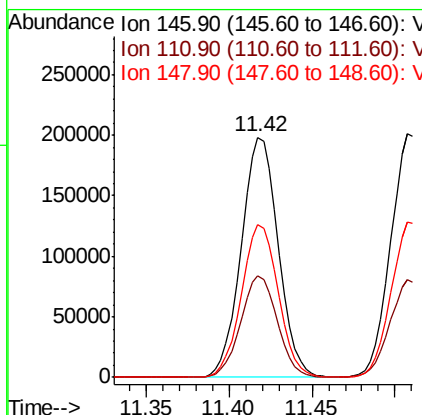
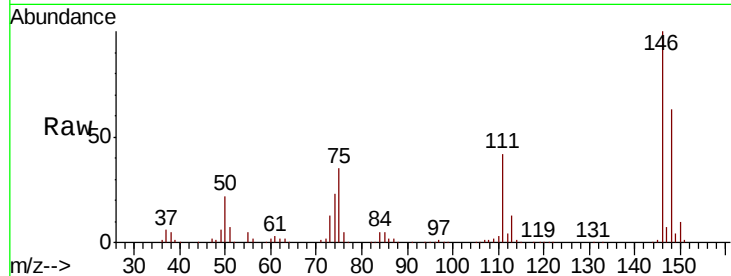




#87
 1,3-Dichlorobenzene
 Concen: 101.051 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

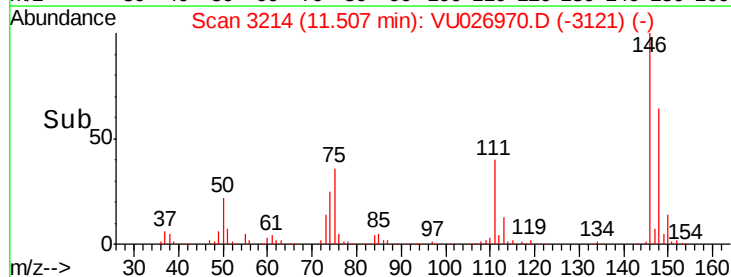
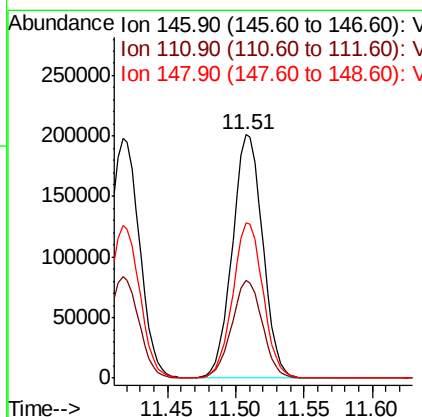
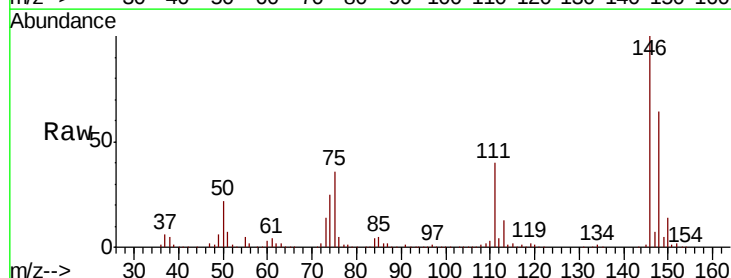
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

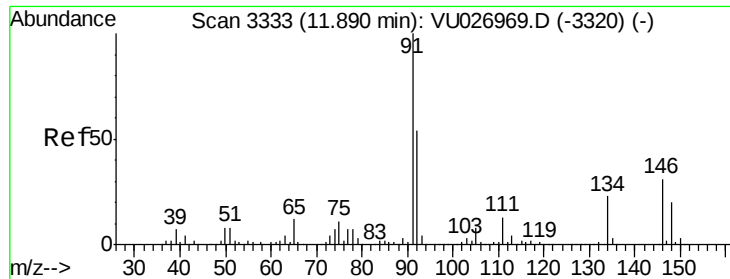
Tgt Ion:146 Resp: 307076
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.2
 148 63.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 98.243 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion:146 Resp: 310666
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 60.9
 148 63.4 31.9 95.9

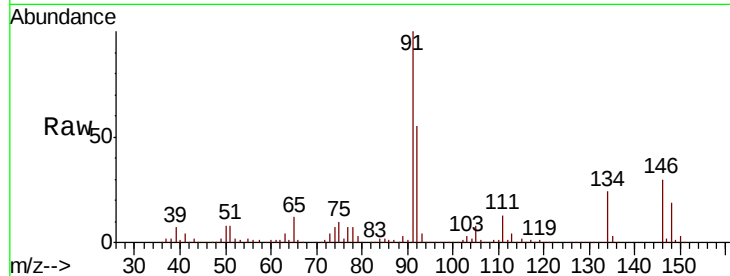




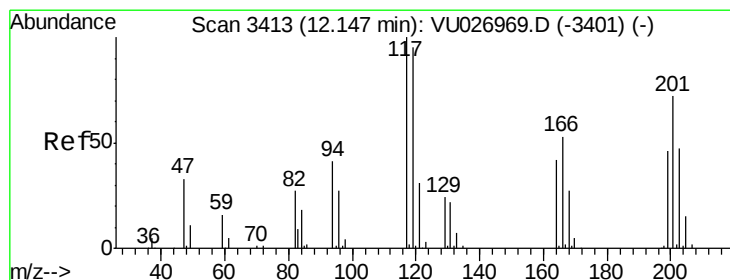
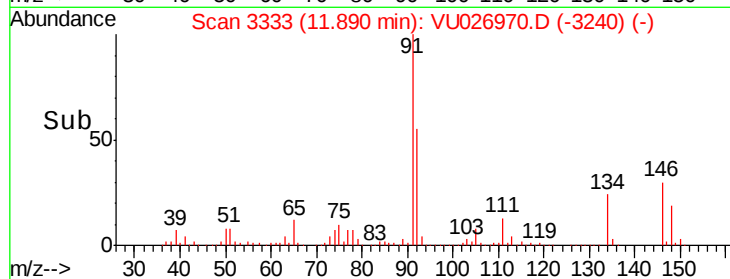
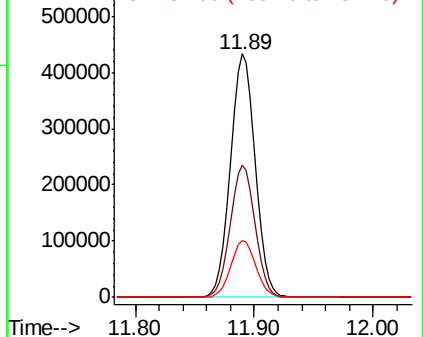
#89
n-Butylbenzene
Concen: 131.896 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 623754
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 23.5 11.7 35.0

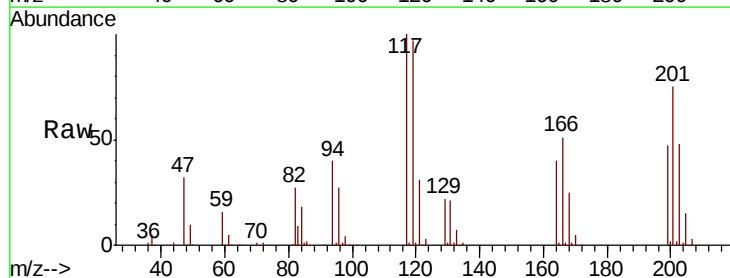


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)

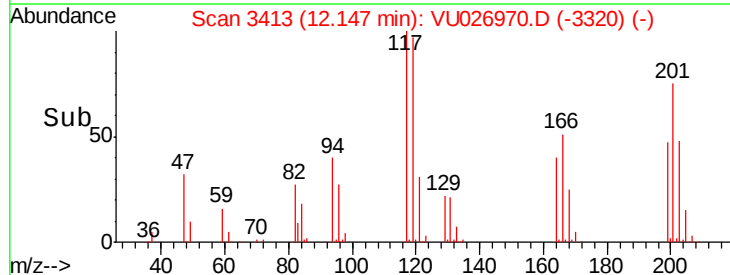
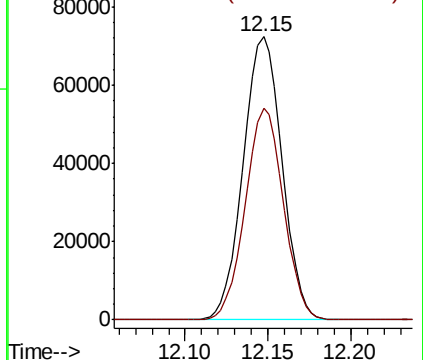


#90
Hexachloroethane
Concen: 109.335 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Tgt Ion: 117 Resp: 118093
Ion Ratio Lower Upper
117 100
201 73.1 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-3401) (-)
Ion 200.70 (200.40 to 201.40): VU026969.D (-3401) (-)

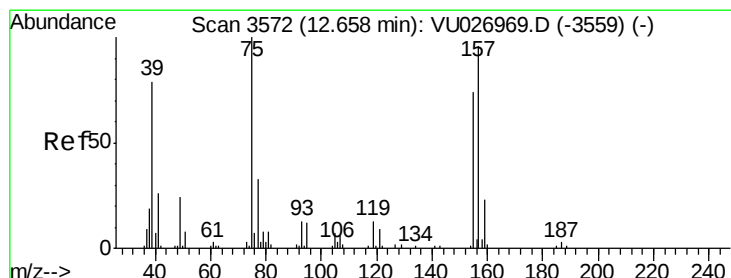
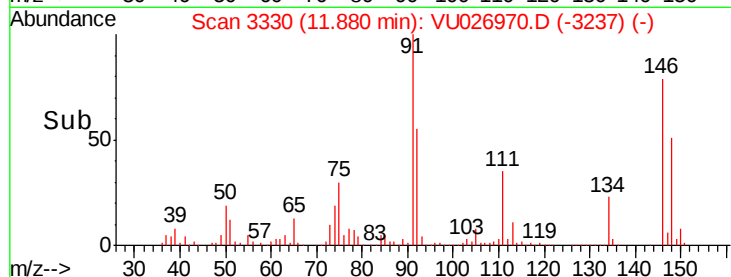
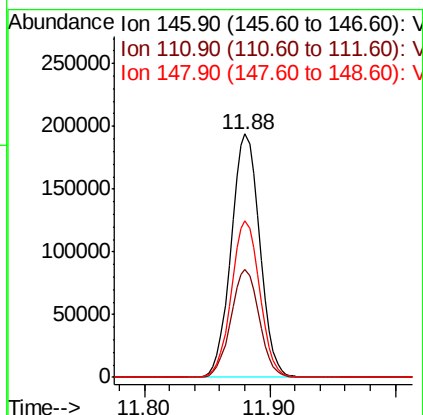
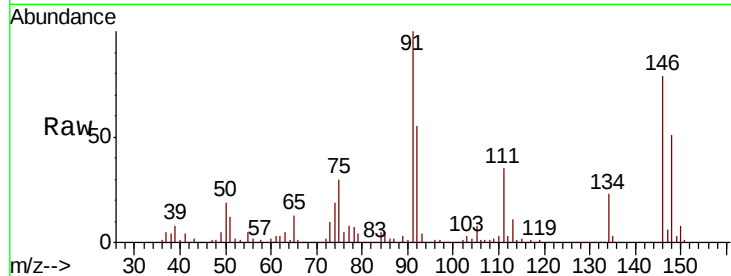




#91
 1,2-Dichlorobenzene
 Concen: 100.372 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

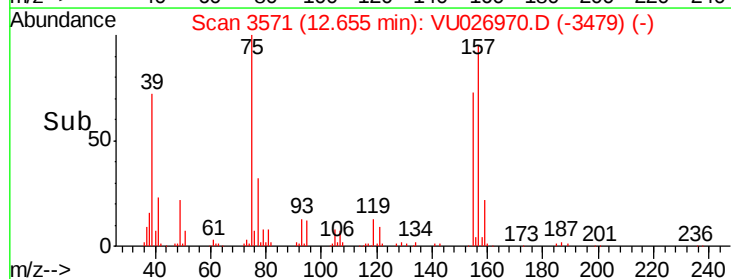
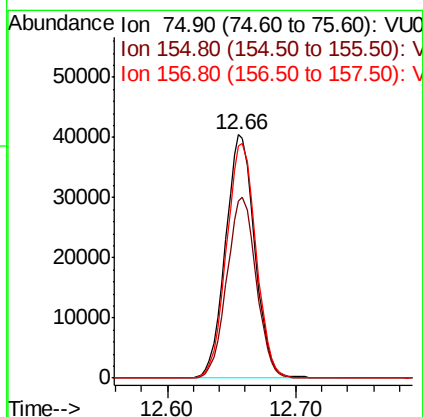
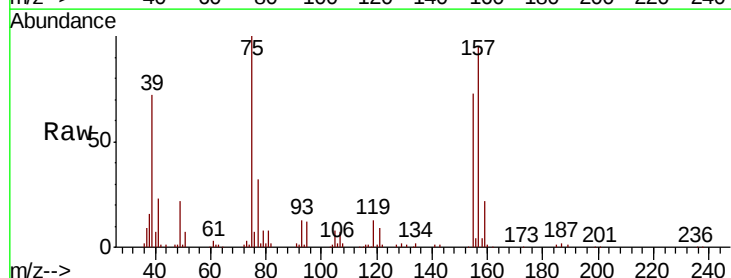
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

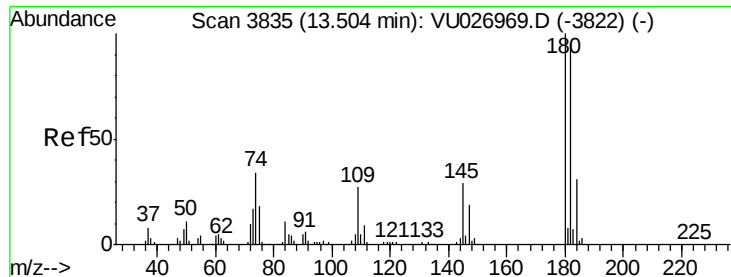
Tgt Ion: 146 Resp: 306534
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.8 65.3
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 126.370 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion: 75 Resp: 63823
 Ion Ratio Lower Upper
 75 100
 155 74.3 36.6 109.8
 157 96.8 47.4 142.2

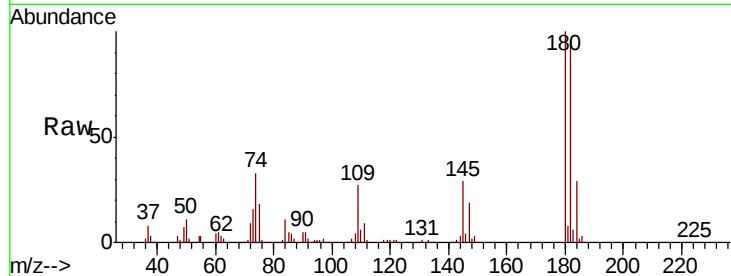




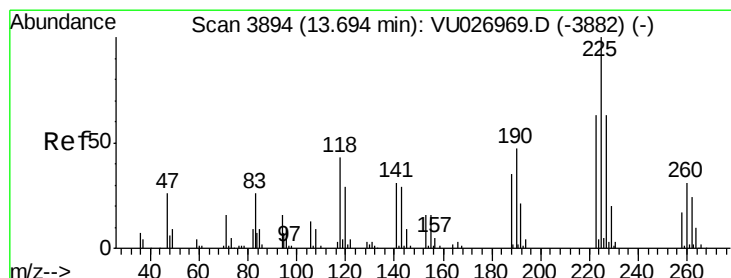
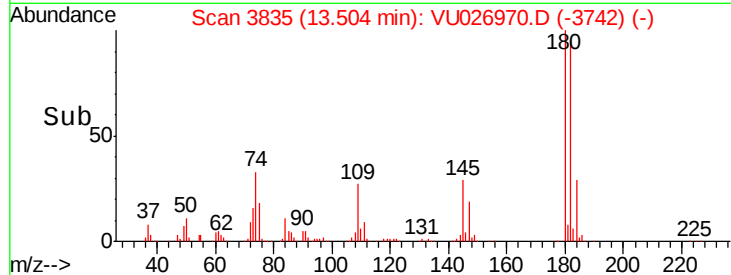
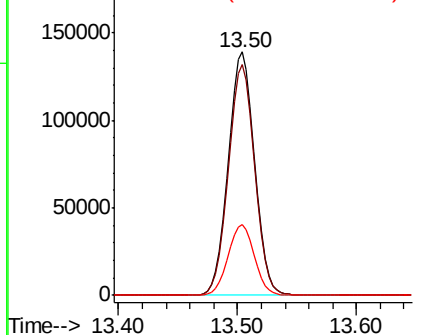
#93
 1,2,4-Trichlorobenzene
 Concen: 106.721 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 213085
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 29.2 14.9 44.5

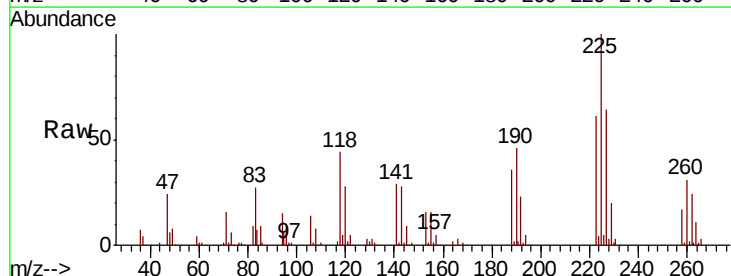


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

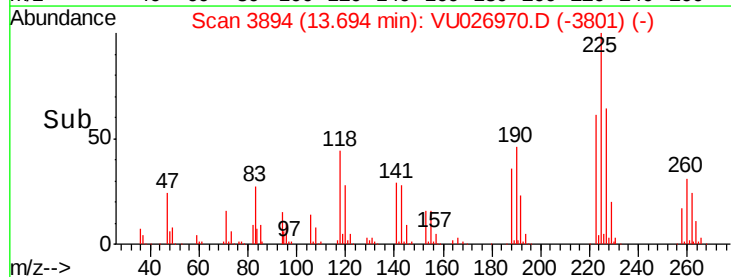
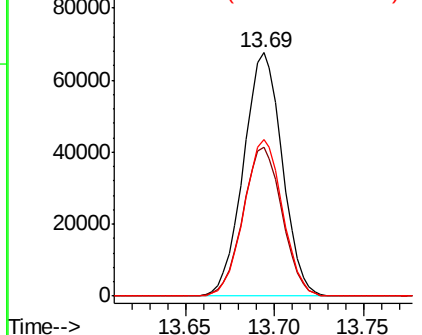


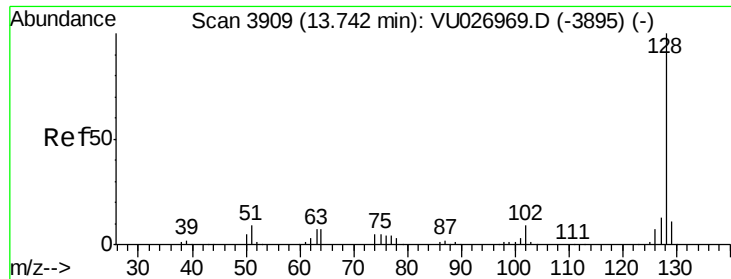
#94
 Hexachlorobutadiene
 Concen: 99.900 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026970.D
 Acq: 21 Sep 2018 16:01

Tgt Ion:225 Resp: 102562
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.9 95.7
 227 64.0 32.1 96.5



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

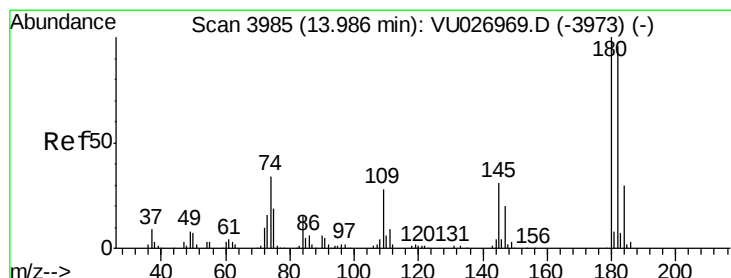
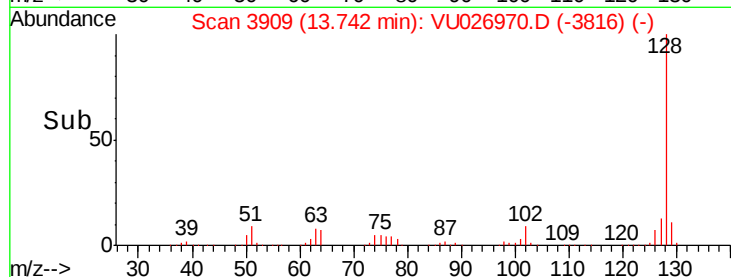
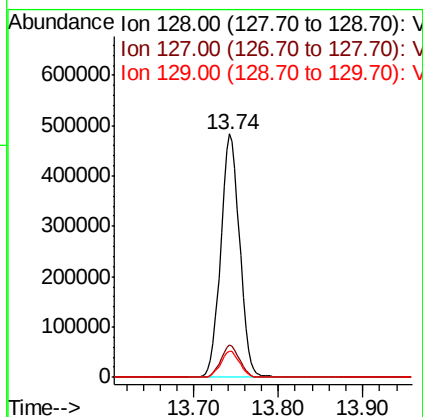
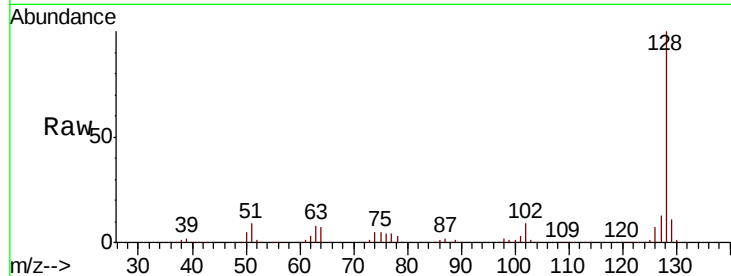




#95
Naphthalene
Concen: 122.161 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 754604
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 103.632 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU026970.D
Acq: 21 Sep 2018 16:01

Tgt Ion:180 Resp: 217183
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.5
145 31.7 15.4 46.4

